

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060419\
 Data File : BF114797.D
 Acq On : 4 Jun 2019 18:07
 Operator : HP/JU
 Sample : K2641-14MS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CL-02-053119-AMS

Quant Time: Jun 05 04:23:52 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF060419.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 04 16:57:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.66	152	168638	20.00	ng	0.00
21) Naphthalene-d8	7.95	136	637975	20.00	ng	0.00
39) Acenaphthene-d10	9.69	164	305840	20.00	ng	0.00
64) Phenanthrene-d10	11.16	188	614789	20.00	ng	0.00
76) Chrysene-d12	13.79	240	510032	20.00	ng	0.00
87) Perylene-d12	15.16	264	615109	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.27	112	1142531	118.38	ng	0.00
7) Phenol-d6	6.30	99	1275173	108.59	ng	0.00
23) Nitrobenzene-d5	7.22	82	899885	86.83	ng	-0.01
42) 2,4,6-Tribromophenol	10.47	330	438992	133.19	ng	0.00
45) 2-Fluorobiphenyl	9.02	172	1788190	109.53	ng	0.00
79) Terphenyl-d14	12.74	244	2194457	83.67	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.31	88	167103	36.265	ng	98
3) Pyridine	3.00	79	366736	28.960	ng	97
4) n-Nitrosodimethylamine	2.89	42	176673	38.120	ng	92
6) Aniline	6.32	93	123984	7.441	ng	93
8) 2-Chlorophenol	6.45	128	475655	42.656	ng	99
9) Benzaldehyde	6.20	77	121417	14.905	ng	98
10) Phenol	6.31	94	468539	34.889	ng	# 76
11) bis(2-Chloroethyl)ether	6.40	93	431207	41.143	ng	97
12) 1,3-Dichlorobenzene	6.60	146	494266	38.039	ng	99
13) 1,4-Dichlorobenzene	6.68	146	506551	38.744	ng	98
14) 1,2-Dichlorobenzene	6.83	146	476530	40.357	ng	99
15) Benzyl Alcohol	6.80	79	382255	43.044	ng	98
16) 2,2'-oxybis(1-Chloropropan	6.95	45	581088	38.766	ng	99
17) 2-Methylphenol	6.92	107	364601	38.252	ng	99
18) Hexachloroethane	7.18	117	177193	36.007	ng	95
19) n-Nitroso-di-n-propylamine	7.08	70	305959	39.359	ng	99
20) 3+4-Methylphenols	7.07	107	449748	42.780	ng	# 85
22) Acetophenone	7.07	105	642693	45.757	ng	97
24) Nitrobenzene	7.24	77	472506	44.009	ng	99
25) Isophorone	7.49	82	851568	41.563	ng	99
26) 2-Nitrophenol	7.56	139	253820	43.649	ng	92
27) 2,4-Dimethylphenol	7.60	122	400392	45.302	ng	98
28) bis(2-Chloroethoxy)methane	7.70	93	539507	41.193	ng	98
29) 2,4-Dichlorophenol	7.80	162	397244	42.721	ng	97
30) 1,2,4-Trichlorobenzene	7.89	180	442626	41.486	ng	99
31) Naphthalene	7.97	128	1383817	48.180	ng	96
32) Benzoic acid	7.69	122	175005	27.186	ng	99
33) 4-Chloroaniline	8.02	127	80352	5.864	ng	95
34) Hexachlorobutadiene	8.10	225	239881	39.546	ng	98
35) Caprolactam	8.36	113	97299	32.032	ng	93
36) 4-Chloro-3-methylphenol	8.50	107	390917	42.248	ng	100
37) 2-Methylnaphthalene	8.66	142	926102	46.487	ng	99
38) 1-Methylnaphthalene	8.75	142	879084	46.531	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.82	216	403682	45.801	ng	99

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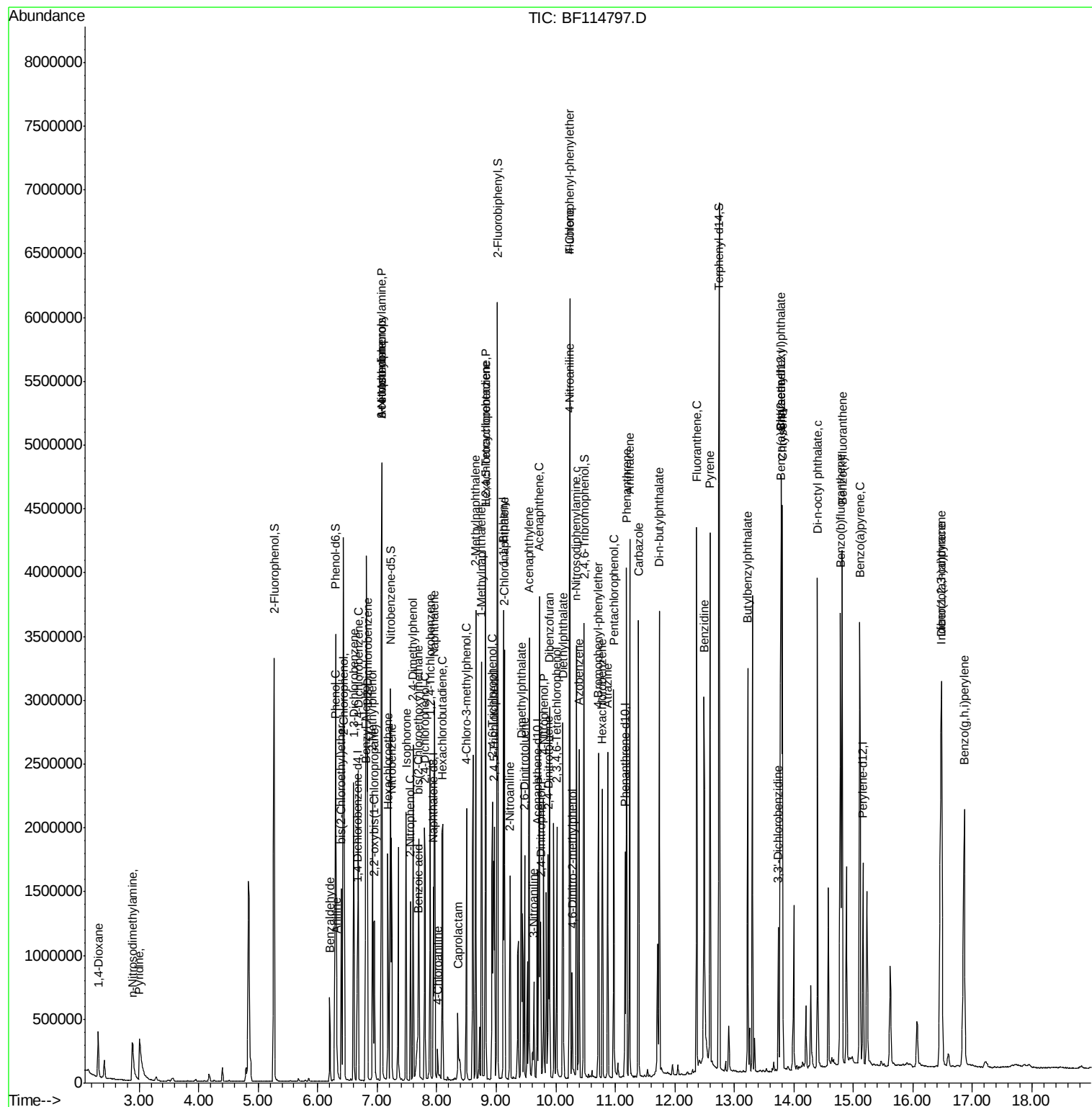
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.82	237	404321	75.637	ng	99
43) 2,4,6-Trichlorophenol	8.93	196	285408	41.644	ng	99
44) 2,4,5-Trichlorophenol	8.97	196	304472	44.112	ng	100
46) 1,1'-Biphenyl	9.12	154	1106785	48.827	ng	96
47) 2-Chloronaphthalene	9.14	162	866456	44.985	ng	97
48) 2-Nitroaniline	9.23	65	241062	41.939	ng	91
49) Acenaphthylene	9.55	152	1366893	48.937	ng	96
50) Dimethylphthalate	9.42	163	1007371	45.098	ng	99
51) 2,6-Dinitrotoluene	9.47	165	225922	43.006	ng	97
52) Acenaphthene	9.72	154	885704	48.407	ng	98
53) 3-Nitroaniline	9.63	138	114107	18.594	ng	93
54) 2,4-Dinitrophenol	9.75	184	173474	72.976	ng	95
55) Dibenzofuran	9.90	168	1216043	47.795	ng	93
56) 4-Nitrophenol	9.80	139	377510	83.951	ng	99
57) 2,4-Dinitrotoluene	9.87	165	309062	46.800	ng	95
58) Fluorene	10.23	166	884632	56.629	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.02	232	258818	45.769	ng	99
60) Diethylphthalate	10.12	149	999747	44.603	ng	97
61) 4-Chlorophenyl-phenylether	10.23	204	437718	44.918	ng	97
62) 4-Nitroaniline	10.24	138	236866	39.794	ng	95
63) Azobenzene	10.39	77	888117	46.548	ng	96
65) 4,6-Dinitro-2-methylphenol	10.28	198	116652	36.527	ng	92
66) n-Nitrosodiphenylamine	10.34	169	830667	44.684	ng	99
67) 4-Bromophenyl-phenylether	10.72	248	285937	40.951	ng	100
68) Hexachlorobenzene	10.79	284	313094	40.971	ng	96
69) Atrazine	10.87	200	274100	42.395	ng	98
70) Pentachlorophenol	10.97	266	350960	79.445	ng	99
71) Phenanthrene	11.19	178	1445247	49.243	ng	97
72) Anthracene	11.24	178	1478934	47.882	ng	96
73) Carbazole	11.39	167	1359580	51.348	ng	96
74) Di-n-butylphthalate	11.74	149	1679923	48.238	ng	97
75) Fluoranthene	12.37	202	1559315	51.046	ng	97
77) Benzidine	12.49	184	187101	7.410	ng	# 81
78) Pyrene	12.59	202	1579122	35.690	ng	97
80) Butylbenzylphthalate	13.23	149	788827	35.305	ng	94
81) Benzo(a)anthracene	13.77	228	1524939	38.799	ng	97
82) 3,3'-Dichlorobenzidine	13.74	252	230307	14.451	ng	99
83) Chrysene	13.81	228	1507415	39.426	ng	98
84) Bis(2-ethylhexyl)phthalate	13.79	149	1103994	39.075	ng	98
85) Di-n-octyl phthalate	14.40	149	1896350	39.502	ng	98
86) Indeno(1,2,3-cd)pyrene	16.47	276	1839008	42.155	ng	100
88) Benzo(b)fluoranthene	14.78	252	1761851	44.992	ng	99
89) Benzo(k)fluoranthene	14.81	252	1399735	42.092	ng	97
90) Benzo(a)pyrene	15.11	252	1561797	46.080	ng	99
91) Dibenzo(a,h)anthracene	16.49	278	1537388	47.897	ng	99
92) Benzo(g,h,i)perylene	16.86	276	1544954	47.864	ng	99

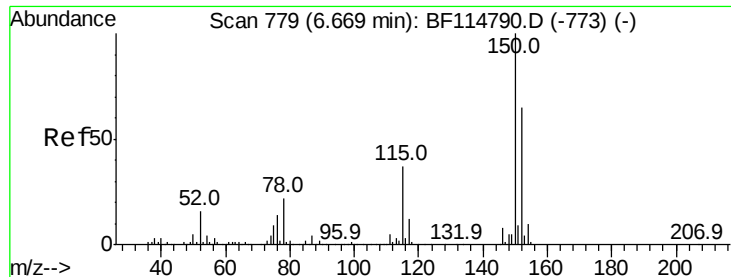
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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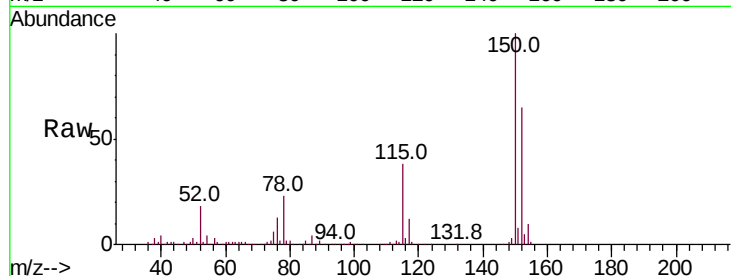


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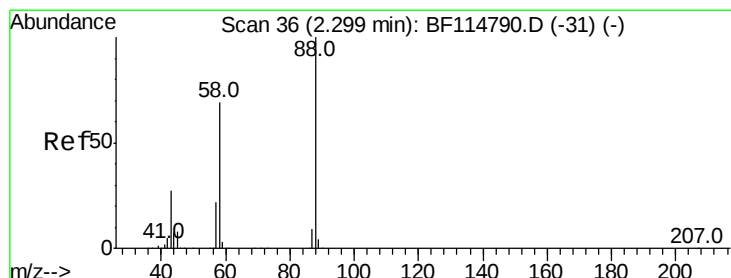
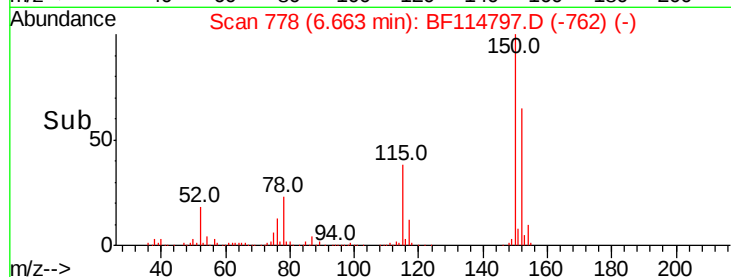
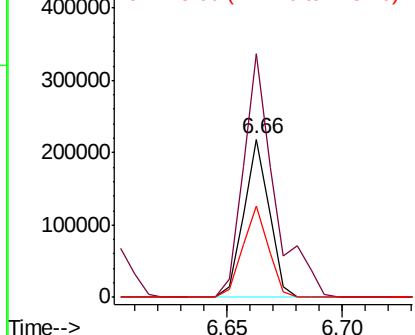
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.66 min Scan# 778
Delta R.T. -0.01 min
Lab File: BF114797.D
Acq: 4 Jun 2019 18:07

Instrument :
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Tot Ion:152 Resp: 168638
Ion Ratio Lower Upper
152 100
150 153.8 124.0 186.0
115 57.9 46.3 69.5



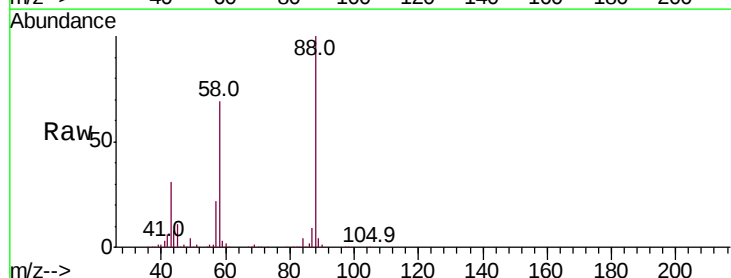
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



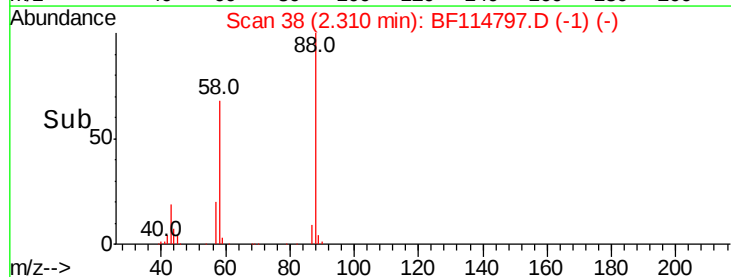
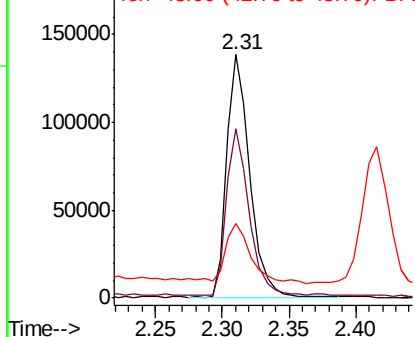
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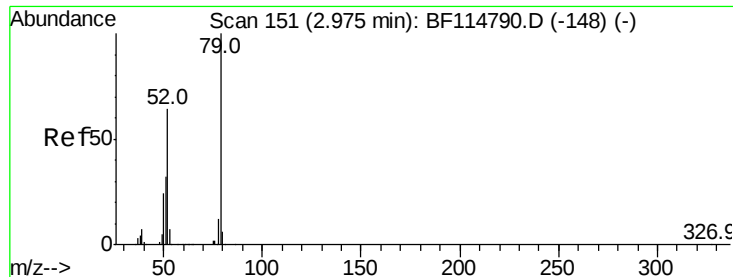
1,4-Dioxane
Concen: 36.265 ng
RT: 2.31 min Scan# 38
Delta R.T. 0.01 min
Lab File: BF114797.D
Acq: 4 Jun 2019 18:07

Tgt Ion: 88 Resp: 167103
Ion Ratio Lower Upper
88 100
58 67.2 53.8 80.8
43 28.8 20.7 31.1



Abundance Ion 88.00 (87.70 to 88.70): BF1
Ion 58.00 (57.70 to 58.70): BF1
Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 28.960 ng

RT: 3.00 min Scan# 156

Delta R.T. 0.03 min

Lab File: BF114797.D

Acq: 4 Jun 2019 18:07

Instrument :

BNA_F

ClientSampleId :

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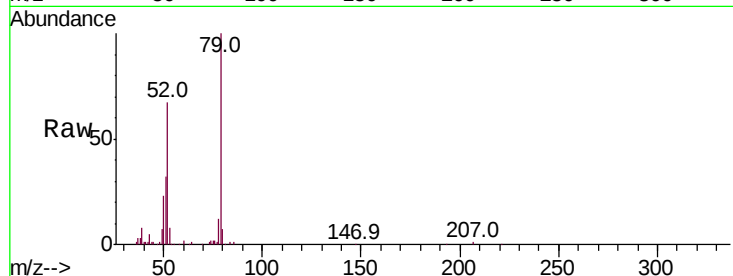
Tot Ion: 79 Resp: 366736

Ion Ratio Lower Upper

79 100

52 66.8 51.0 76.4

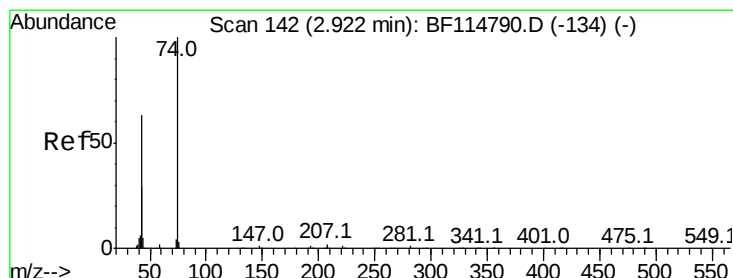
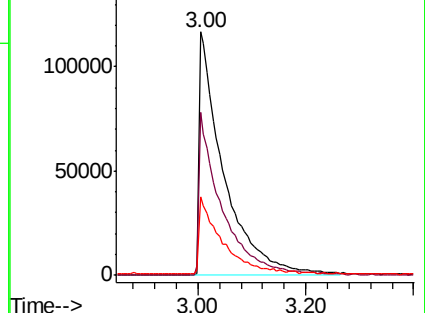
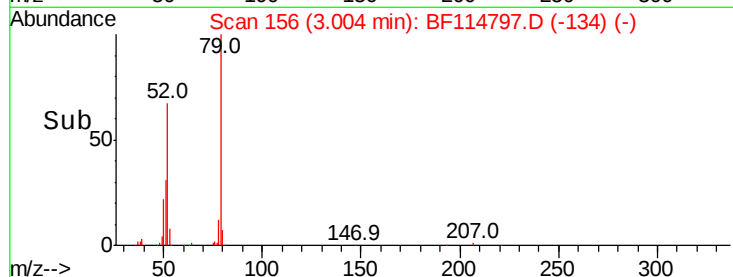
51 32.1 25.7 38.5



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 52.00 (51.70 to 52.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 38.120 ng

RT: 2.89 min Scan# 136

Delta R.T. -0.04 min

Lab File: BF114797.D

Acq: 4 Jun 2019 18:07

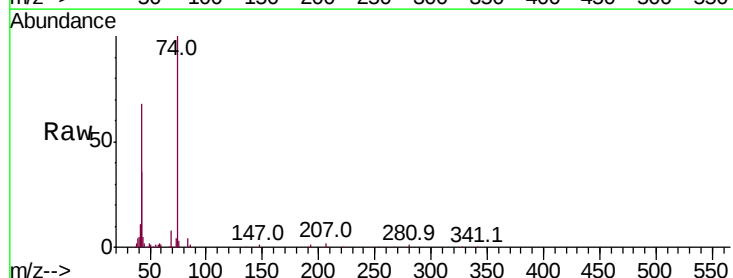
Tgt Ion: 42 Resp: 176673

Ion Ratio Lower Upper

42 100

74 146.9 126.2 189.2

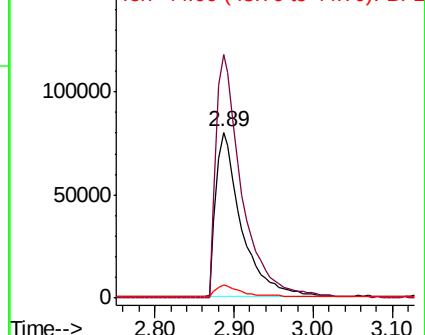
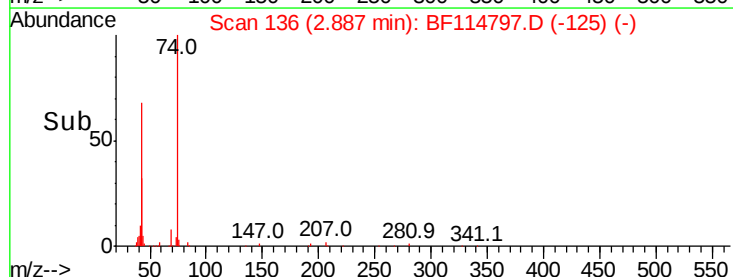
44 7.6 5.9 8.9

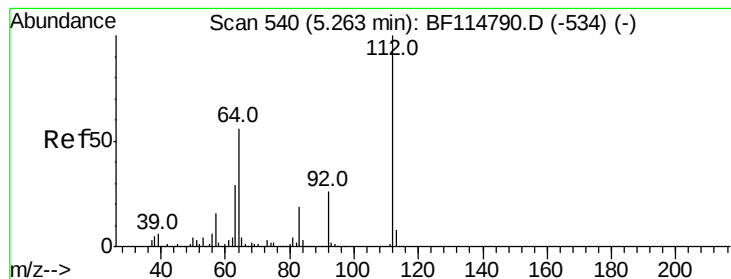


Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 118.384 ng

RT: 5.27 min Scan# 541

Delta R.T. 0.01 min

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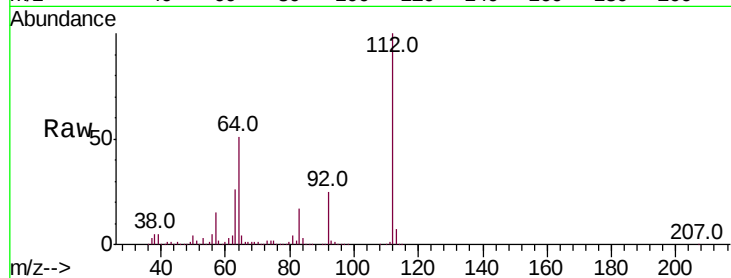
Tot Ion:112 Resp: 1142531

Ion Ratio Lower Upper

112 100

64 50.9 44.6 66.8

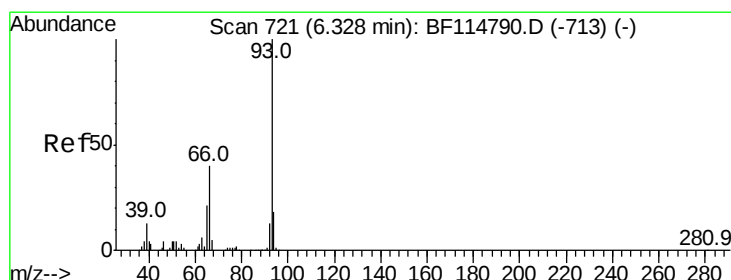
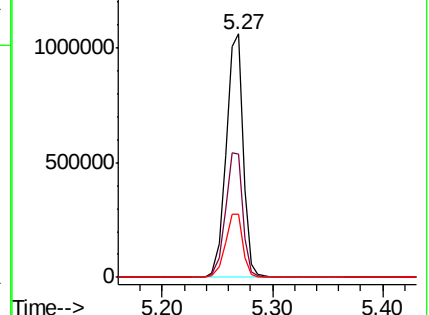
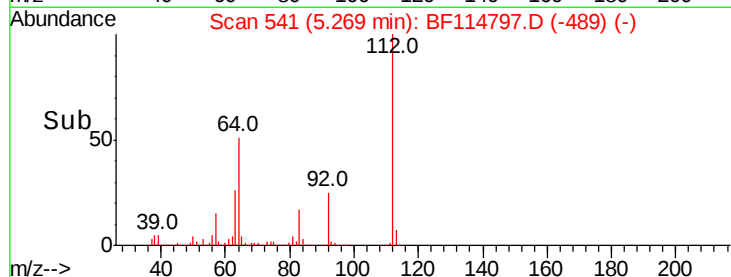
63 25.7 23.0 34.4



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 7.441 ng

RT: 6.32 min Scan# 720

Delta R.T. -0.01 min

Lab File: BF114797.D

Acq: 4 Jun 2019 18:07

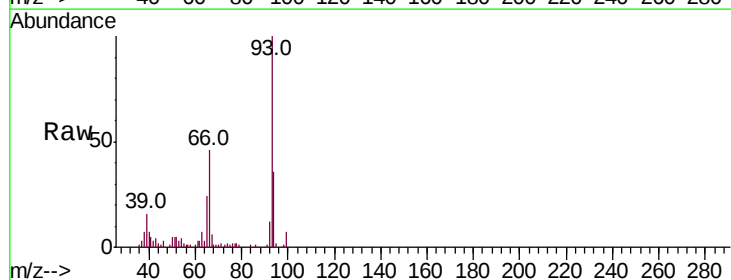
Tgt Ion: 93 Resp: 123984

Ion Ratio Lower Upper

93 100

66 46.1 32.8 49.2

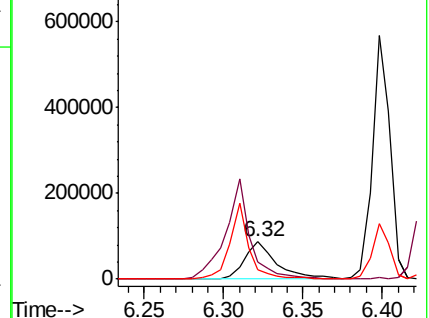
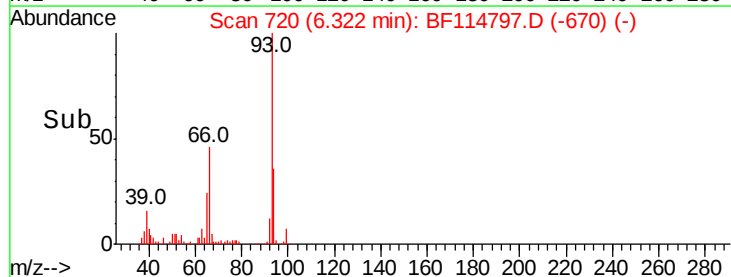
65 24.0 16.9 25.3

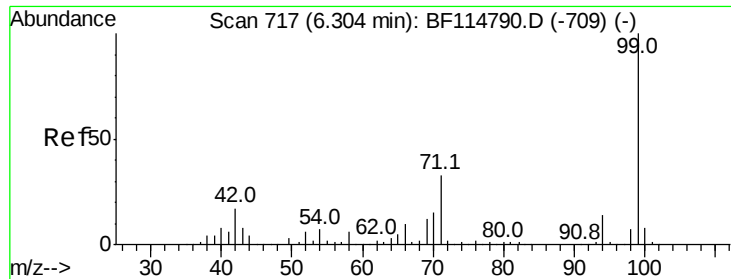


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 108.586 ng

RT: 6.30 min Scan# 716

Delta R.T. -0.01 min

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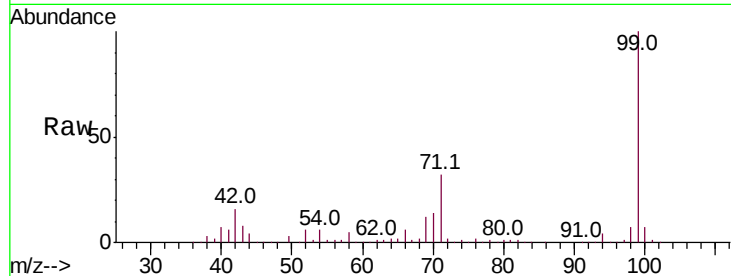
Tot Ion: 99 Resp: 1275173

Ion Ratio Lower Upper

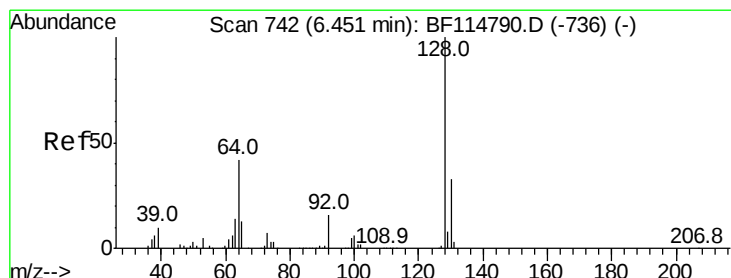
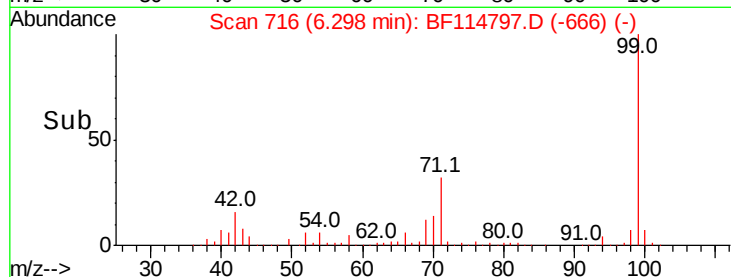
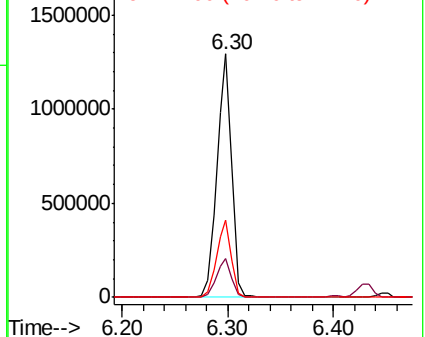
99 100

42 15.7 13.3 19.9

71 31.9 26.3 39.5



Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 42.656 ng

RT: 6.45 min Scan# 741

Delta R.T. -0.01 min

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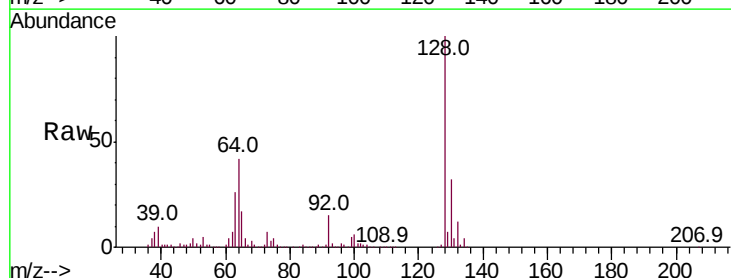
Tgt Ion:128 Resp: 475655

Ion Ratio Lower Upper

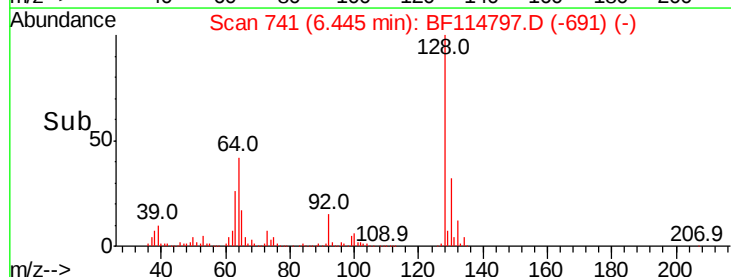
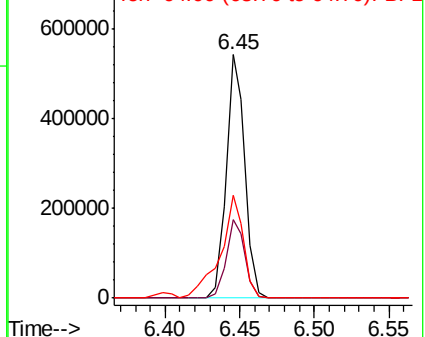
128 100

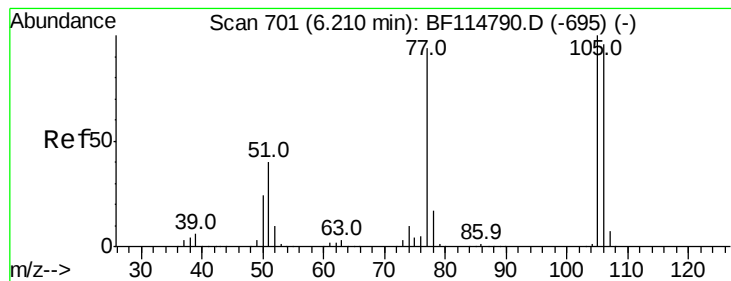
130 32.1 12.7 52.7

64 42.2 22.5 62.5



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 14.905 ng

RT: 6.20 min Scan# 700

Delta R.T. -0.01 min

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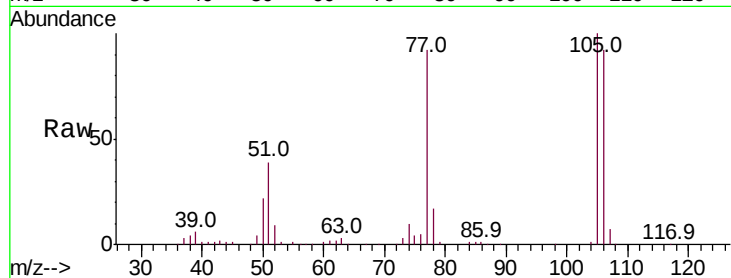
Tot Ion: 77 Resp: 121417

Ion Ratio Lower Upper

77 100

105 109.0 85.8 125.8

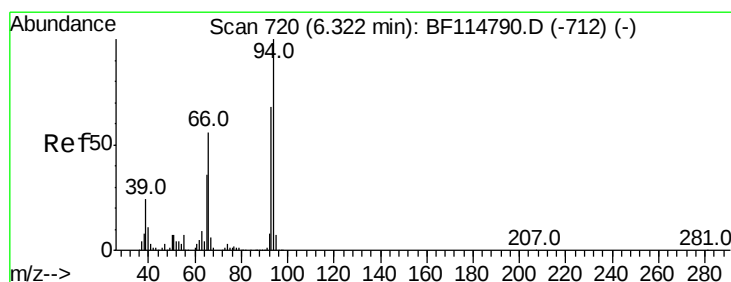
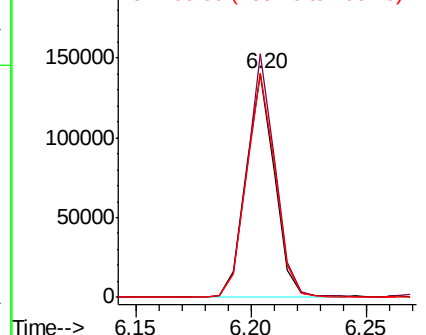
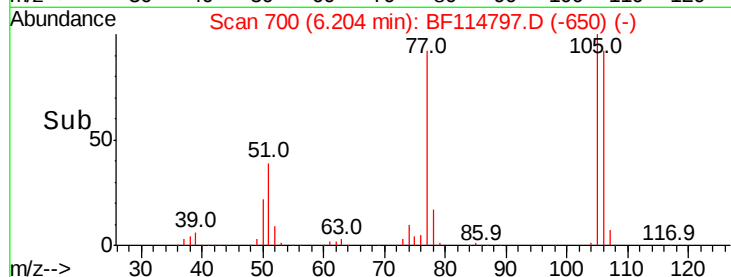
106 100.4 81.6 121.6



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 34.889 ng

RT: 6.31 min Scan# 718

Delta R.T. -0.01 min

Lab File: BF114797.D

Acq: 4 Jun 2019 18:07

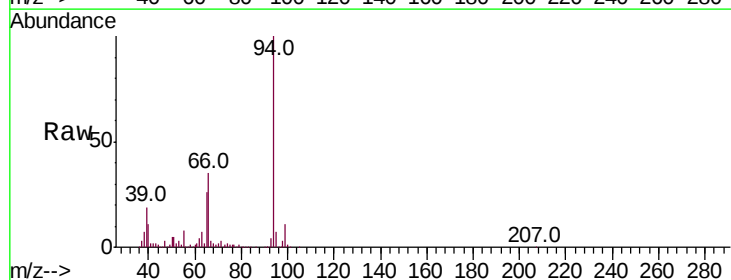
Tgt Ion: 94 Resp: 468539

Ion Ratio Lower Upper

94 100

65 26.5 16.1 56.1

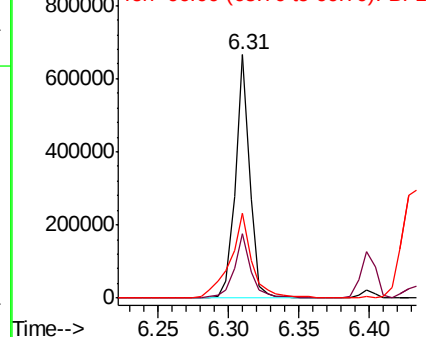
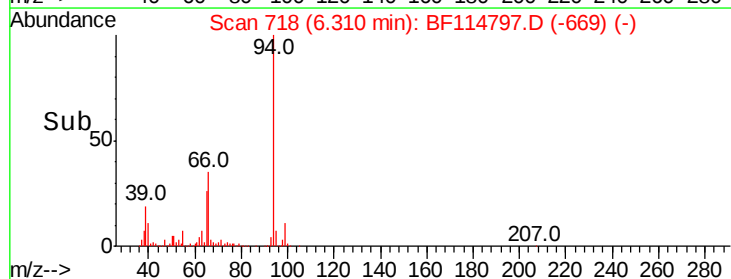
66 34.9 36.3 76.3#

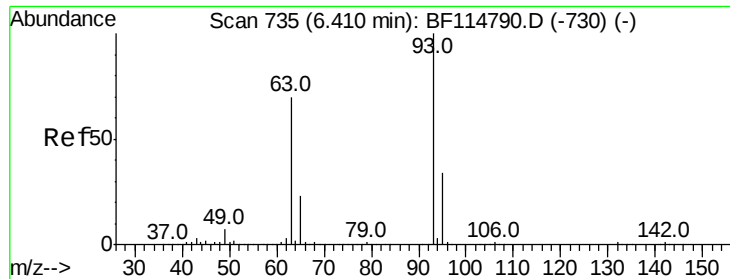


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

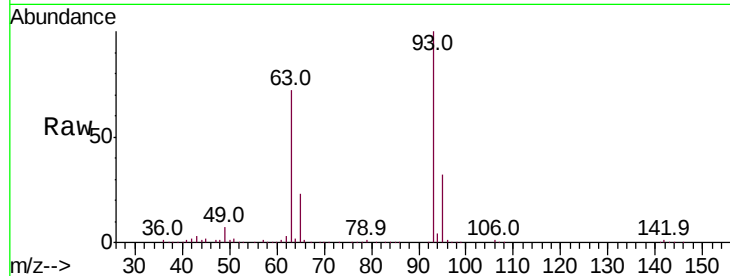




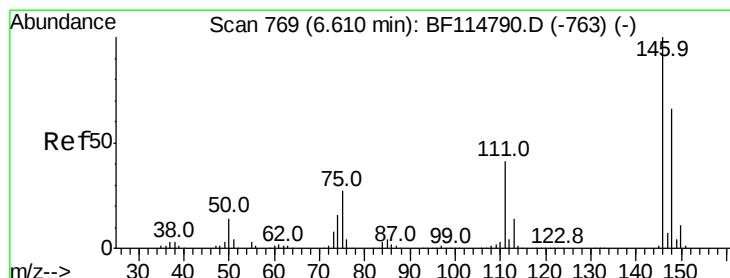
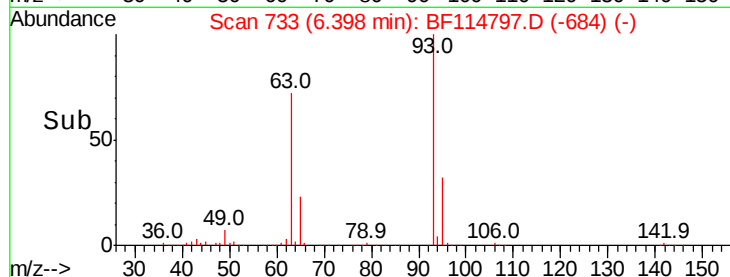
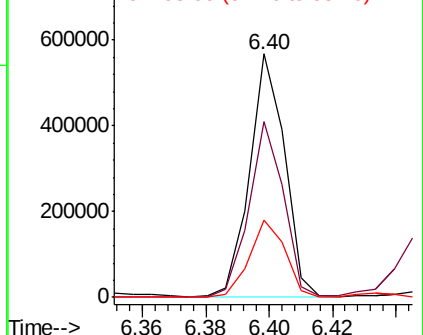
#11
bis(2-Chloroethyl)ether
Concen: 41.143 ng
RT: 6.40 min Scan# 733
Delta R.T. -0.01 min
Lab File: BF114797.D
Acq: 4 Jun 2019 18:07

Instrument :
BNA_F
ClientSampleId :
CL-02-053119-AMS

Tot Ion	Ratio	Lower	Upper
93	100		
63	72.0	49.6	89.6
95	31.9	13.6	53.6

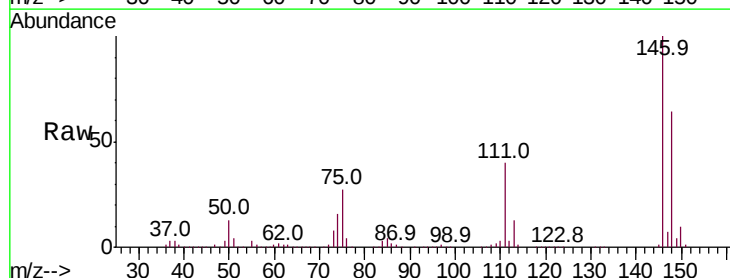


Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 63.00 (62.70 to 63.70): BF1
Ion 95.00 (94.70 to 95.70): BF1

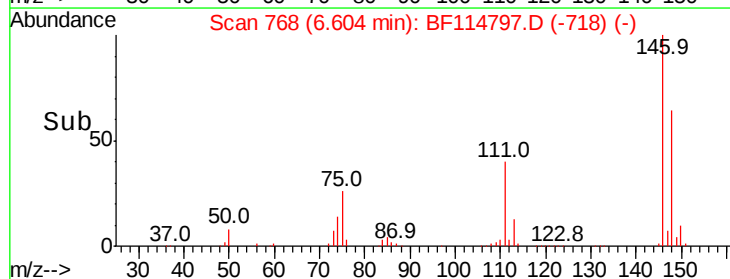
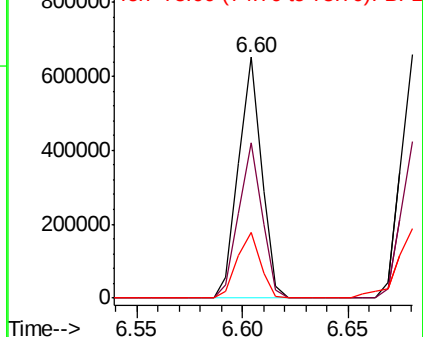


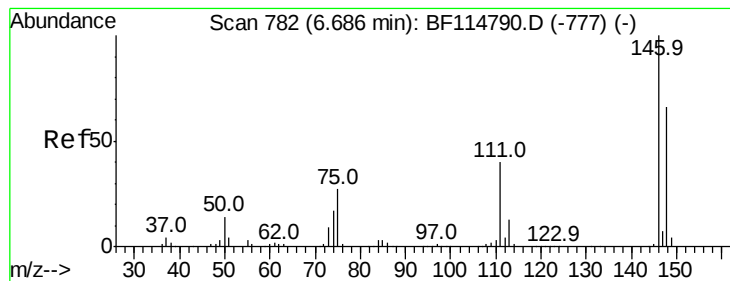
#12
1,3-Dichlorobenzene
Concen: 38.039 ng
RT: 6.60 min Scan# 768
Delta R.T. -0.01 min
Lab File: BF114797.D
Acq: 4 Jun 2019 18:07

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.5	52.7	79.1
75	27.1	22.0	33.0



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 75.00 (74.70 to 75.70): BF1





#13

1,4-Dichlorobenzene

Concen: 38.744 ng

RT: 6.68 min Scan# 781

Delta R.T. -0.01 min

Lab File: BF114797.D

Acq: 4 Jun 2019 18:07

Instrument :

BNA_F

ClientSampleId :

CL-02-053119-AMS

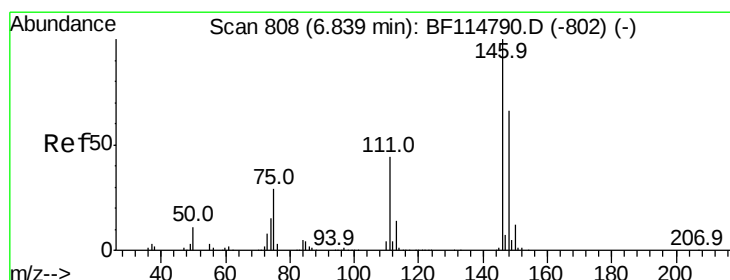
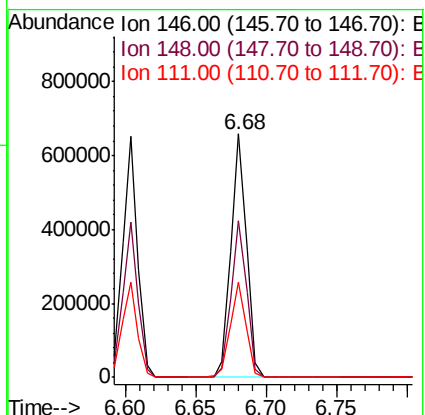
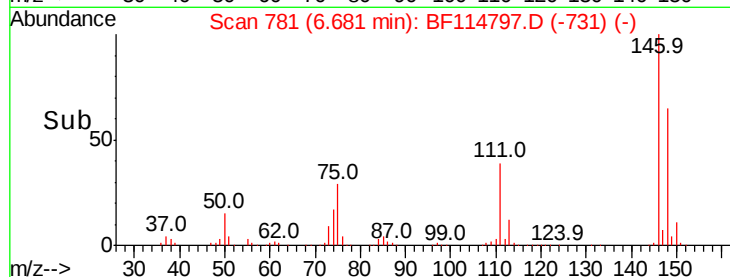
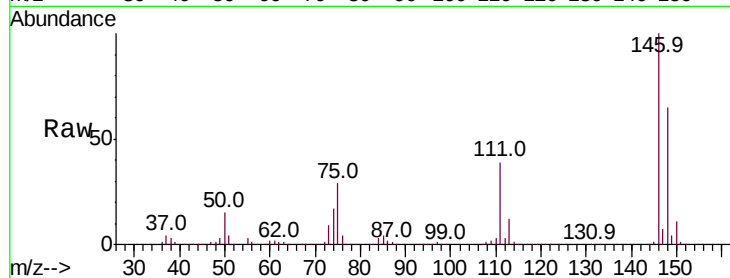
Tot Ion:146 Resp: 506551

Ion Ratio Lower Upper

146 100

148 64.5 53.0 79.4

111 39.1 32.2 48.4



#14

1,2-Dichlorobenzene

Concen: 40.357 ng

RT: 6.83 min Scan# 807

Delta R.T. -0.01 min

Lab File: BF114797.D

Acq: 4 Jun 2019 18:07

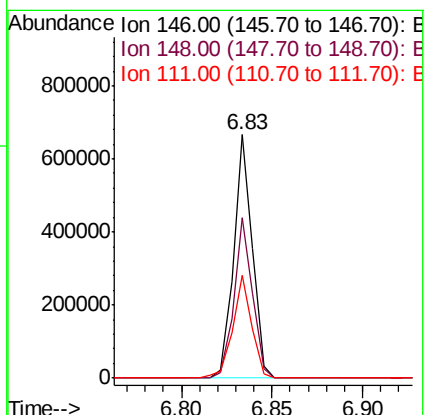
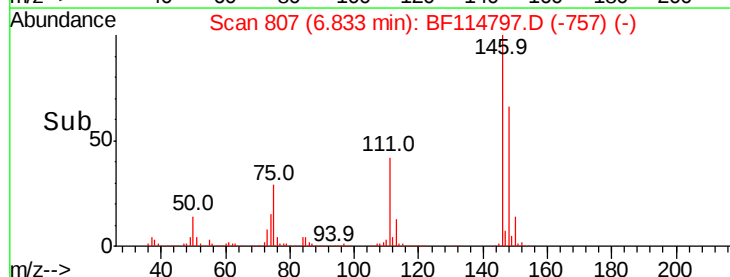
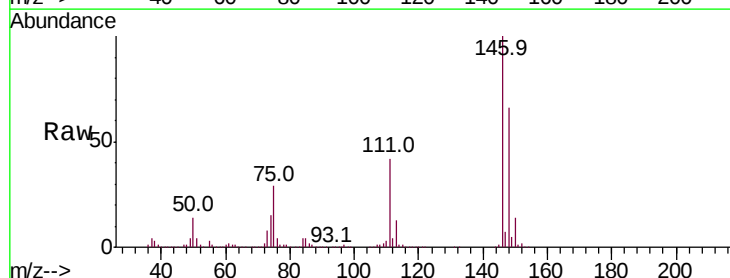
Tgt Ion:146 Resp: 476530

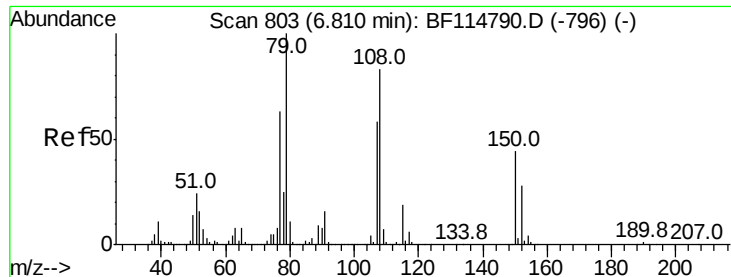
Ion Ratio Lower Upper

146 100

148 65.7 52.5 78.7

111 42.0 34.8 52.2





#15

Benzyl Alcohol

Concen: 43.044 ng

RT: 6.80 min Scan# 802

Delta R.T. -0.01 min

Lab File: BF114797.D

Acq: 4 Jun 2019 18:07

Instrument :

BNA_F

ClientSampleId :

CL-02-053119-AMS

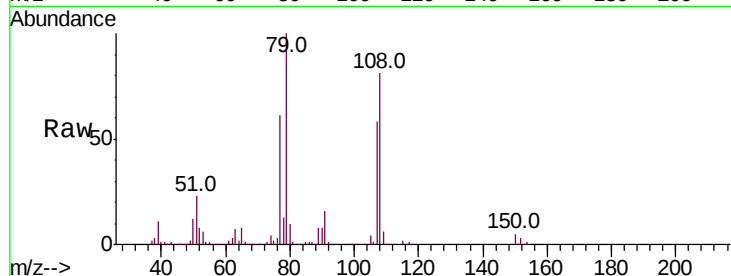
Tot Ion: 79 Resp: 382255

Ion Ratio Lower Upper

79 100

108 81.5 66.8 100.2

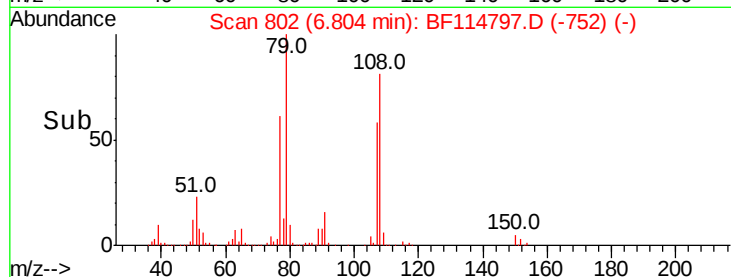
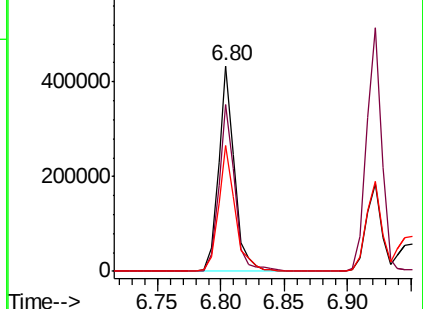
77 61.3 50.6 76.0



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1



#16

2,2'-oxybis(1-Chloropropane)

Concen: 38.766 ng

RT: 6.95 min Scan# 826

Delta R.T. -0.01 min

Lab File: BF114797.D

Acq: 4 Jun 2019 18:07

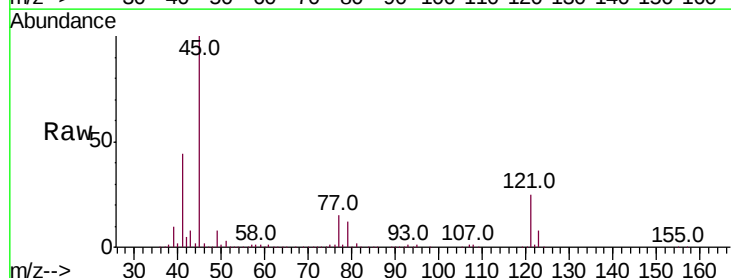
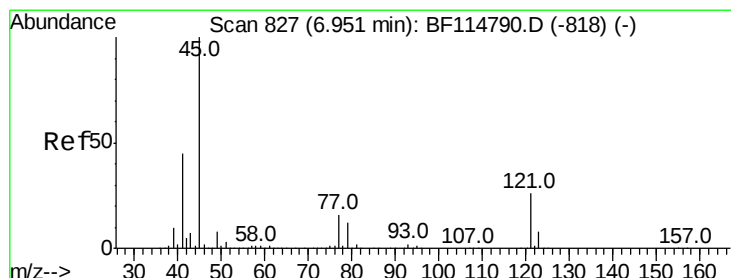
Tgt Ion: 45 Resp: 581088

Ion Ratio Lower Upper

45 100

77 15.2 0.0 35.8

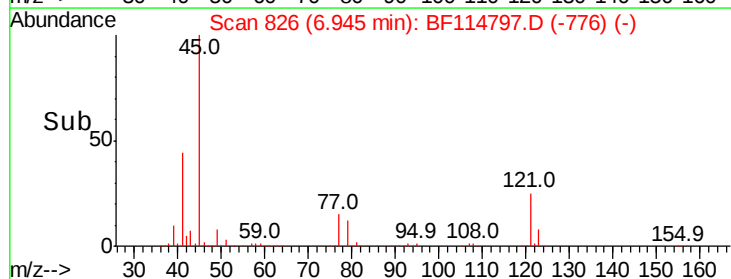
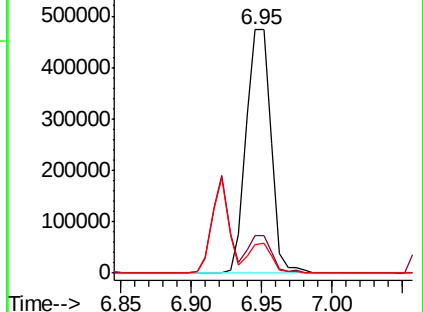
79 11.7 0.0 32.0

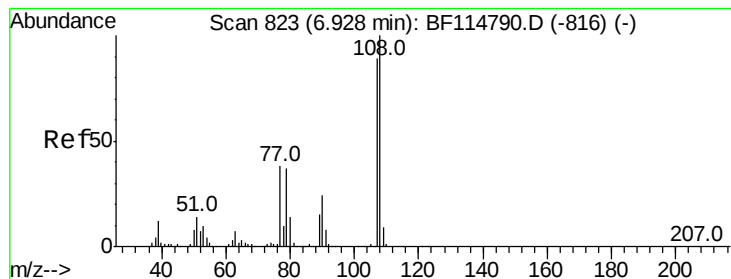


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

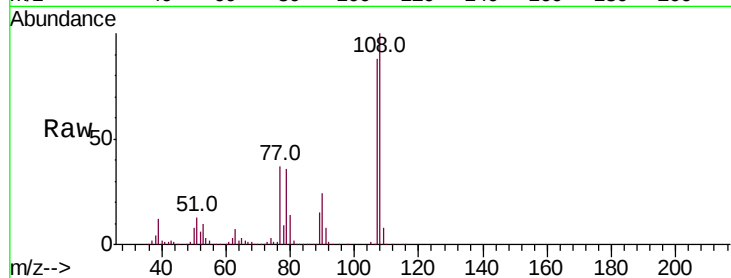




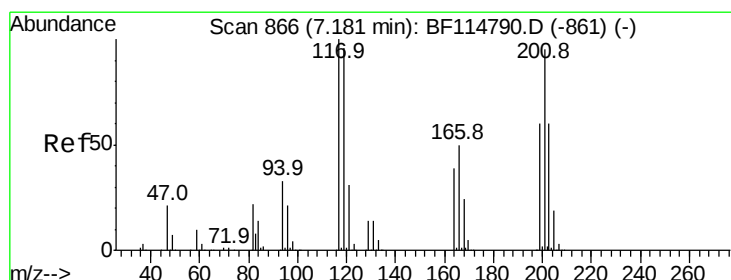
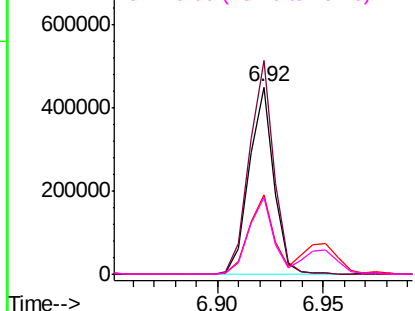
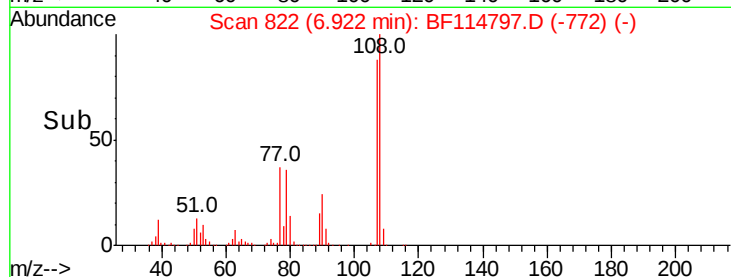
#17
2-Methylphenol
Concen: 38.252 ng
RT: 6.92 min Scan# 822
Delta R.T. -0.01 min
Lab File: BF114797.D
Acq: 4 Jun 2019 18:07

Instrument :
BNA_F
ClientSampleId :
CL-02-053119-AMS

Tot Ion:	107	Resp:	364601
Ion	Ratio	Lower	Upper
107	100		
108	114.1	90.2	135.2
77	42.4	34.5	51.7
79	41.2	33.8	50.6

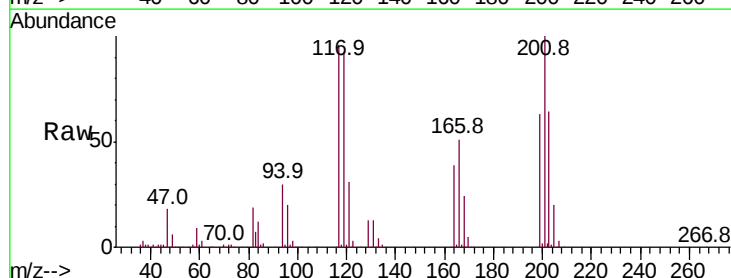


Abundance Ion 107.00 (106.70 to 107.70): E
800000
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

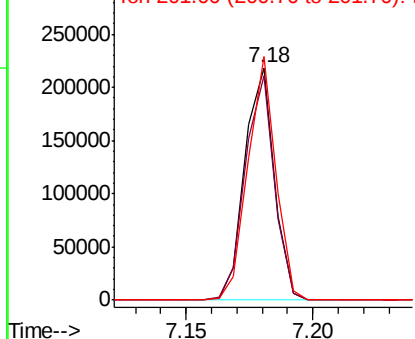
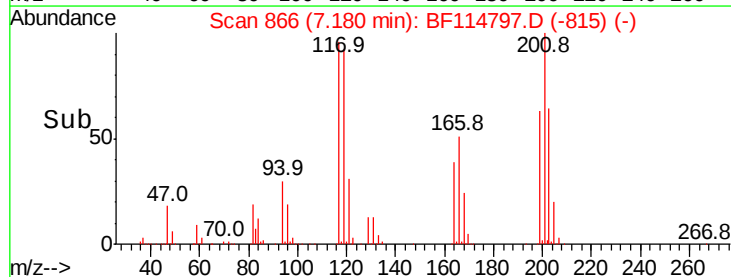


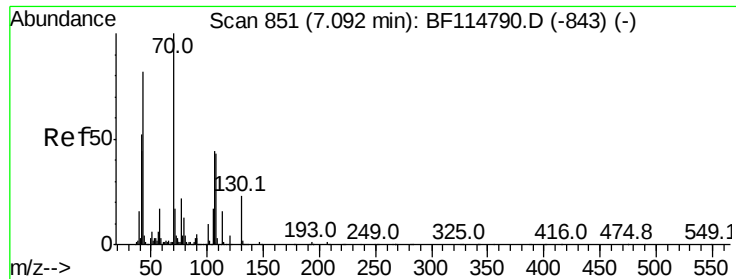
#18
Hexachloroethane
Concen: 36.007 ng
RT: 7.18 min Scan# 866
Delta R.T. -0.00 min
Lab File: BF114797.D
Acq: 4 Jun 2019 18:07

Tgt Ion:	117	Resp:	177193
Ion	Ratio	Lower	Upper
117	100		
119	96.3	77.0	115.4
201	104.7	76.0	114.0



Abundance Ion 117.00 (116.70 to 117.70): E
300000
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

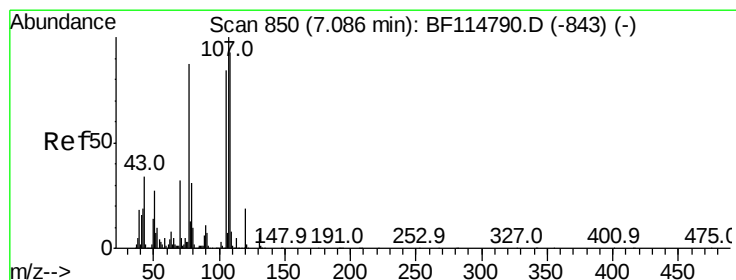
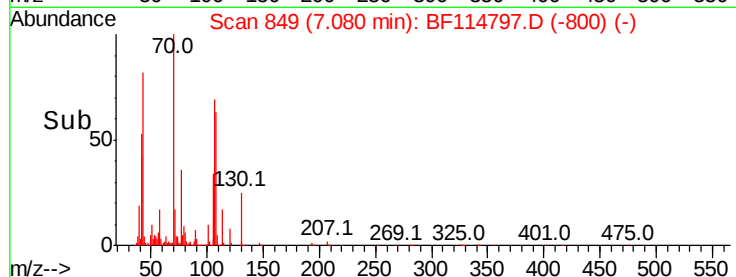
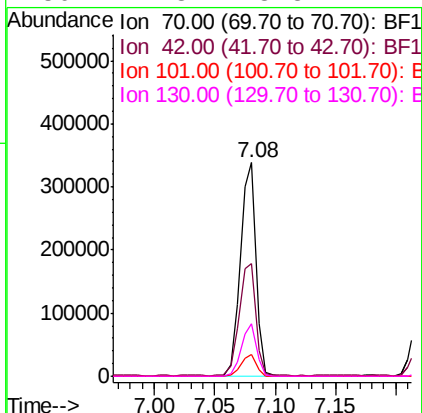
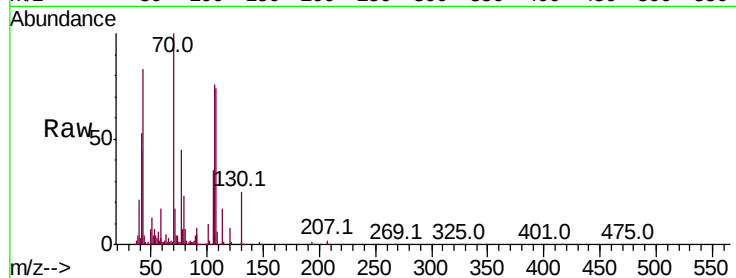




#19
n-Nitroso-di-n-propylamine
Concen: 39.359 ng
RT: 7.08 min Scan# 849
Delta R.T. -0.01 min
Lab File: BF114797.D
Acq: 4 Jun 2019 18:07

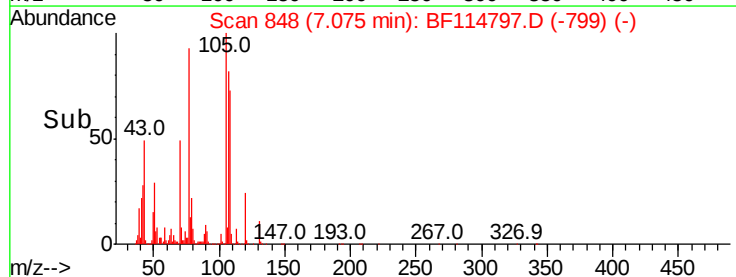
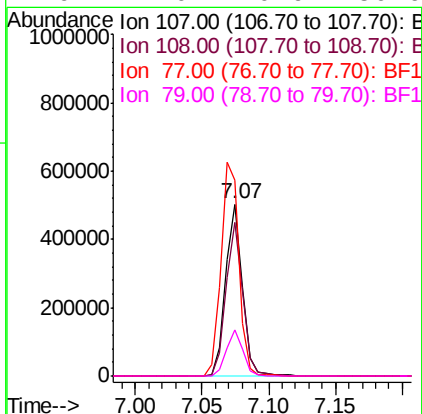
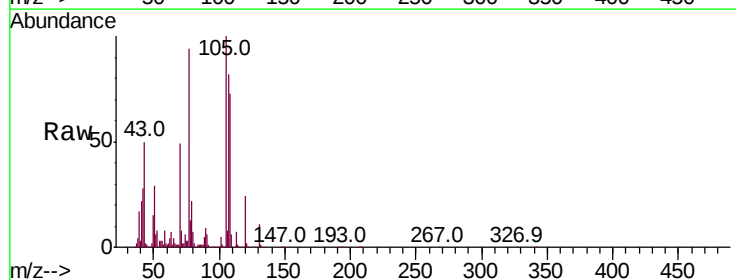
Instrument :
BNA_F
ClientSampleId :
CL-02-053119-AMS

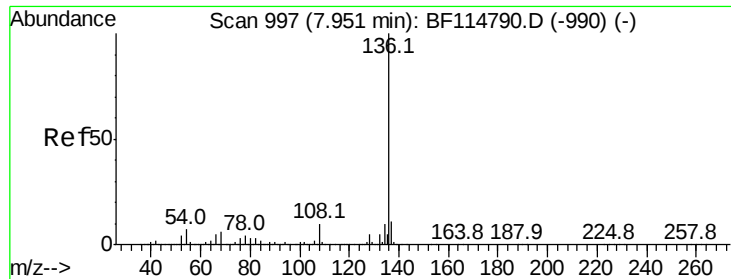
Tot Ion:	70	Resp:	305959
Ion	Ratio	Lower	Upper
70	100		
42	52.8	41.8	62.8
101	10.4	8.2	12.4
130	24.8	18.5	27.7



#20
3+4-Methylphenols
Concen: 42.780 ng
RT: 7.07 min Scan# 848
Delta R.T. -0.01 min
Lab File: BF114797.D
Acq: 4 Jun 2019 18:07

Tgt Ion:	107	Resp:	449748
Ion	Ratio	Lower	Upper
107	100		
108	89.1	73.5	113.5
77	113.8	67.2	107.2#
79	27.0	10.6	50.6

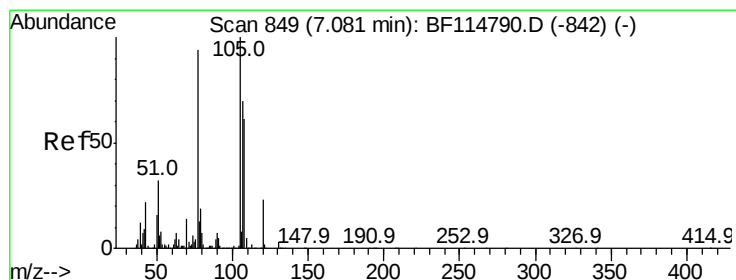
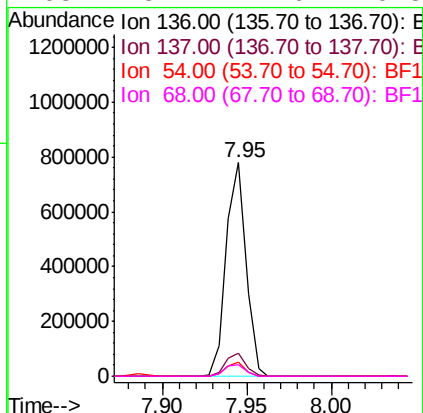
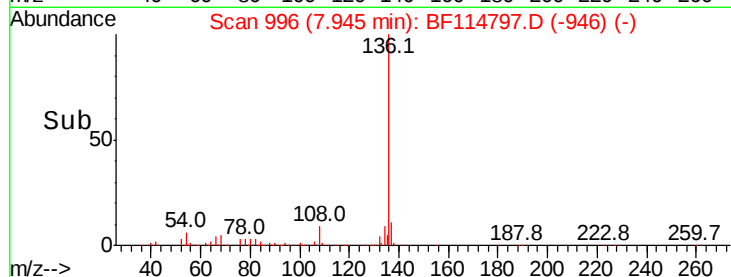
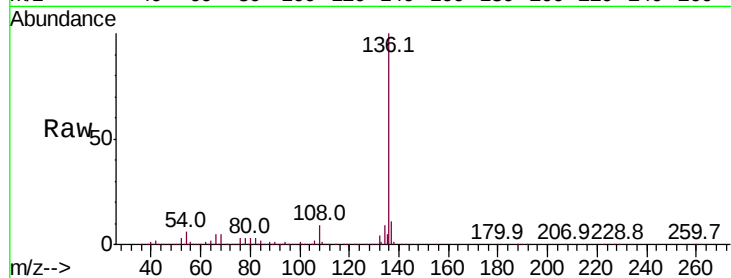




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.95 min Scan# 996
Delta R.T. -0.01 min
Lab File: BF114797.D
Acq: 4 Jun 2019 18:07

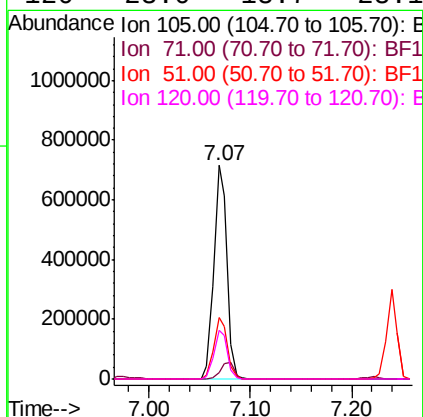
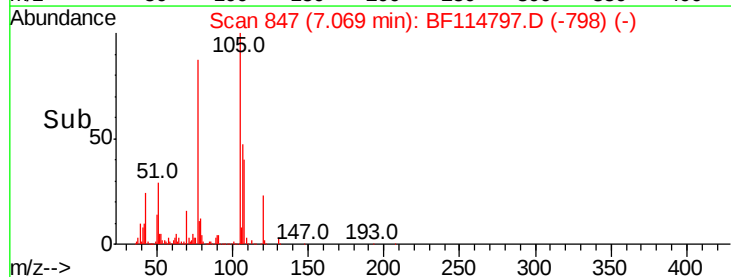
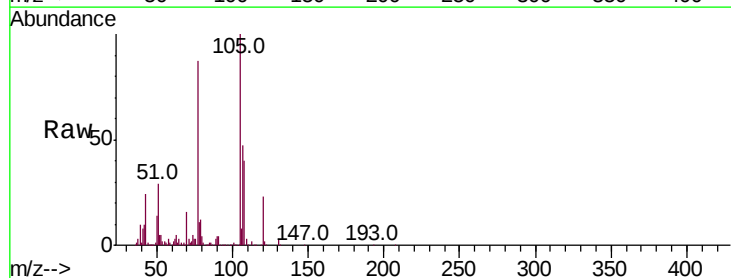
Instrument :
BNA_F
ClientSampleId :
CL-02-053119-AMS

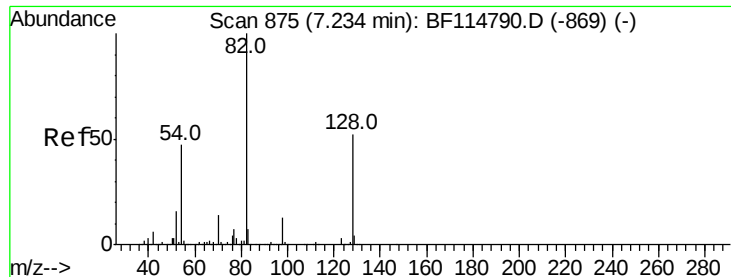
Tot Ion:136	Resp: 637975
Ion Ratio	Lower Upper
136 100	
137 11.0	9.1 13.7
54 6.4	5.4 8.0
68 5.4	4.6 6.8



#22
Acetophenone
Concen: 45.757 ng
RT: 7.07 min Scan# 847
Delta R.T. -0.01 min
Lab File: BF114797.D
Acq: 4 Jun 2019 18:07

Tgt	Ion:105	Resp:	642693
Ion	Ratio	Lower	Upper
105	100		
71	2.8	2.0	3.0
51	28.8	25.4	38.0
120	23.0	18.7	28.1

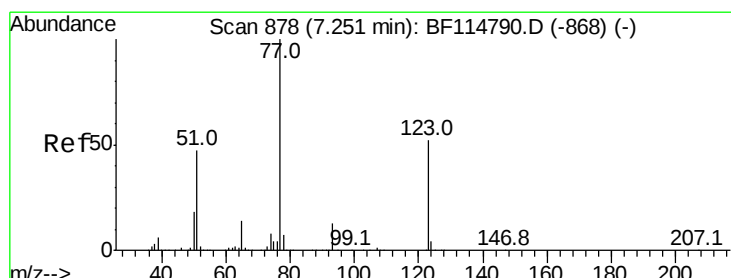
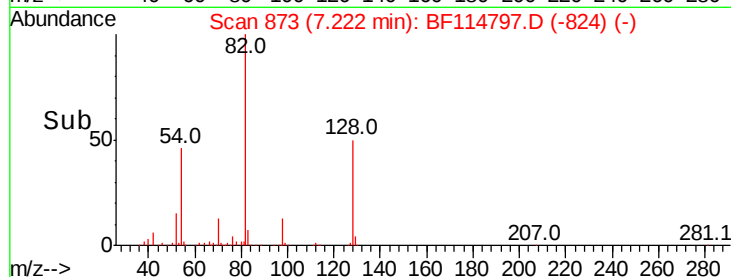
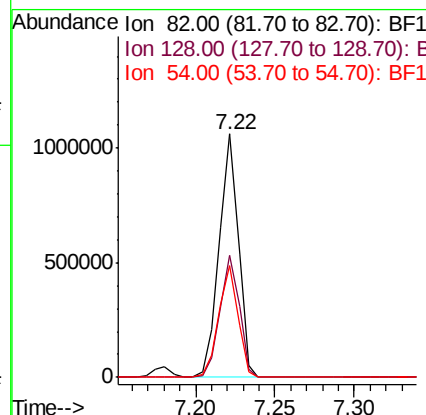
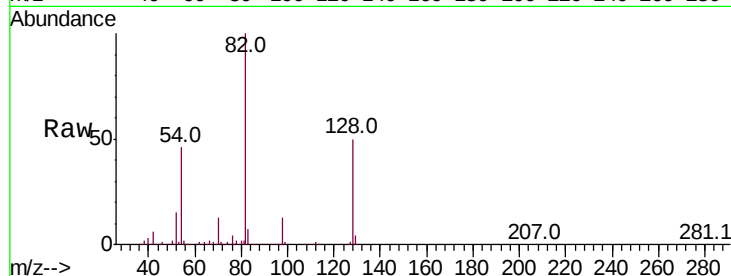




#23
 Nitrobenzene-d5
 Concen: 86.830 ng
 RT: 7.22 min Scan# 873
 Delta R.T. -0.01 min
 Lab File: BF114797.D
 Acq: 4 Jun 2019 18:07

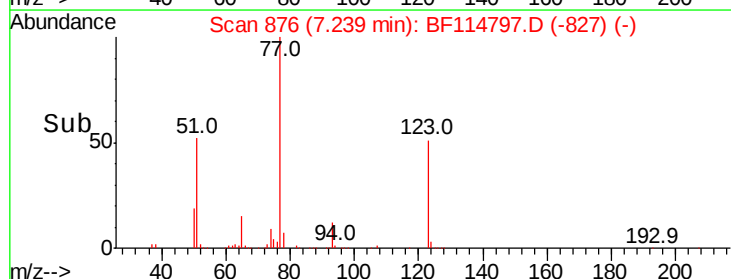
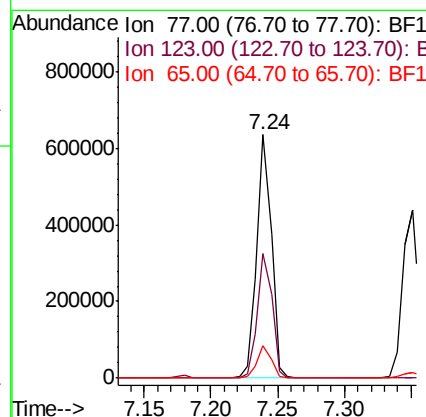
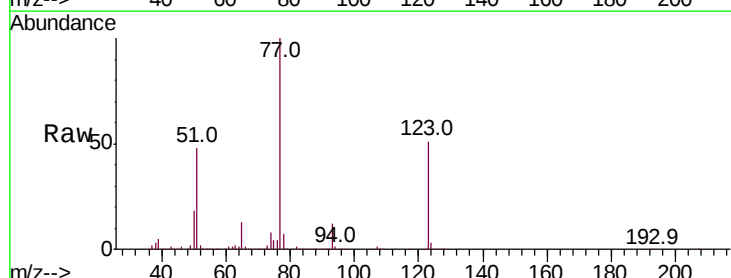
Instrument :
 BNA_F
 ClientSampleId :
 CL-02-053119-AMS

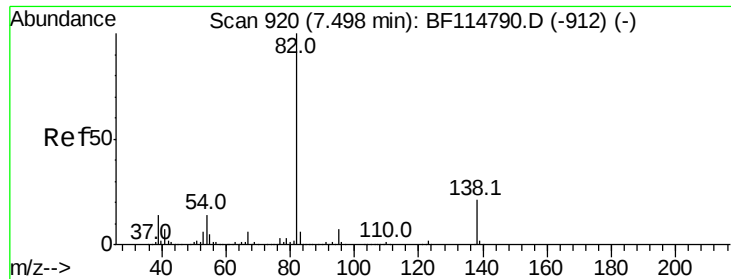
Tot Ion	82	Resp	899885
Ion Ratio	100	Lower	Upper
128	50.3	41.8	62.6
54	45.8	37.9	56.9



#24
 Nitrobenzene
 Concen: 44.009 ng
 RT: 7.24 min Scan# 876
 Delta R.T. -0.01 min
 Lab File: BF114797.D
 Acq: 4 Jun 2019 18:07

Tgt Ion	77	Resp	472506
Ion Ratio	100	Lower	Upper
123	50.9	41.5	62.3
65	13.1	10.8	16.2





#25

Isophorone

Concen: 41.563 ng

RT: 7.49 min Scan# 918

Delta R.T. -0.01 min

Lab File: BF114797.D

Acq: 4 Jun 2019 18:07

Instrument :

BNA_F

ClientSampleId :

CL-02-053119-AMS

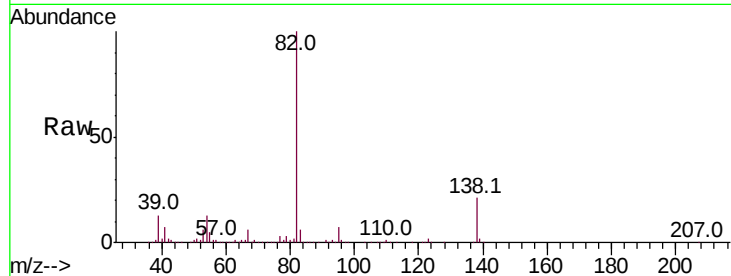
Tot Ion: 82 Resp: 851568

Ion Ratio Lower Upper

82 100

95 7.0 5.8 8.8

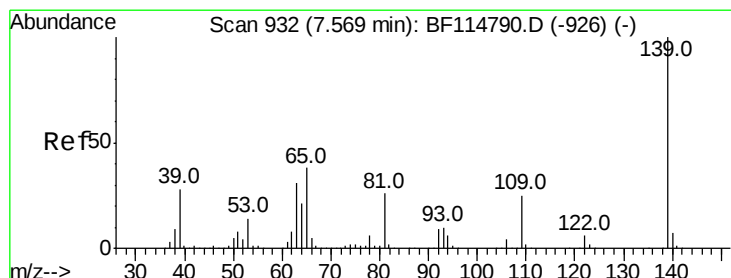
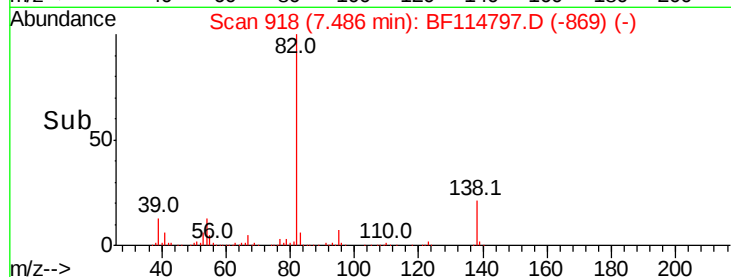
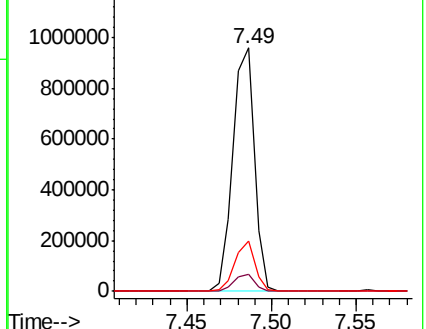
138 20.8 16.9 25.3



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 43.649 ng

RT: 7.56 min Scan# 930

Delta R.T. -0.01 min

Lab File: BF114797.D

Acq: 4 Jun 2019 18:07

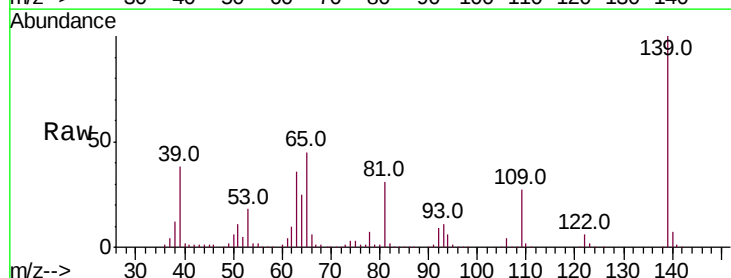
Tgt Ion: 139 Resp: 253820

Ion Ratio Lower Upper

139 100

109 26.7 20.4 30.6

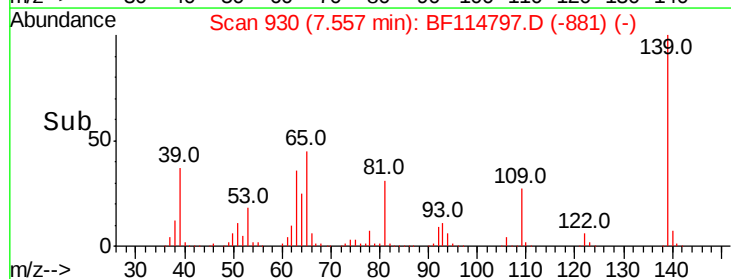
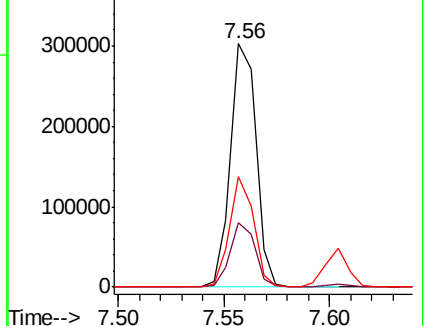
65 45.2 30.5 45.7

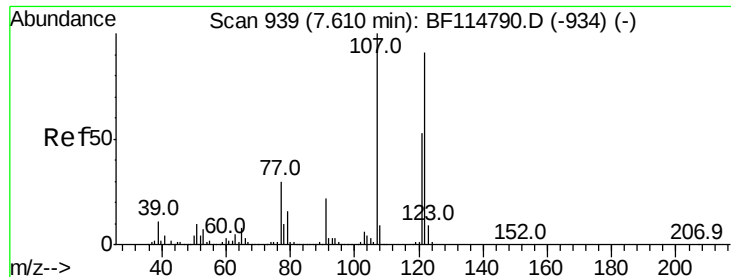


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1





#27

2,4-Dimethylphenol

Concen: 45.302 ng

RT: 7.60 min Scan# 938

Delta R.T. -0.01 min

Lab File: BF114797.D

Acq: 4 Jun 2019 18:07

Instrument :

BNA_F

ClientSampleId :

CL-02-053119-AMS

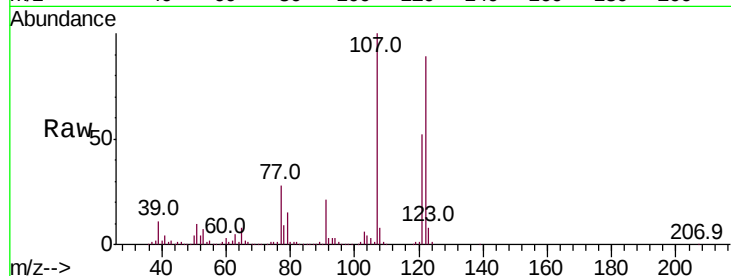
Tot Ion:122 Resp: 400392

Ion Ratio Lower Upper

122 100

107 112.8 87.9 131.9

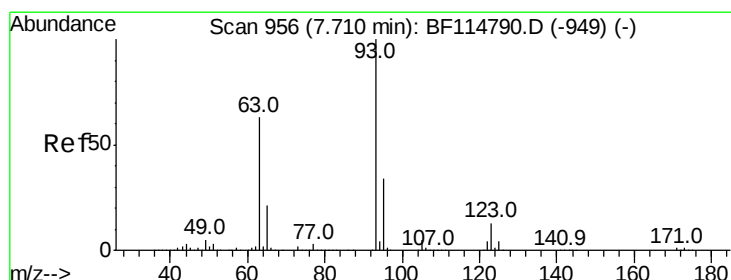
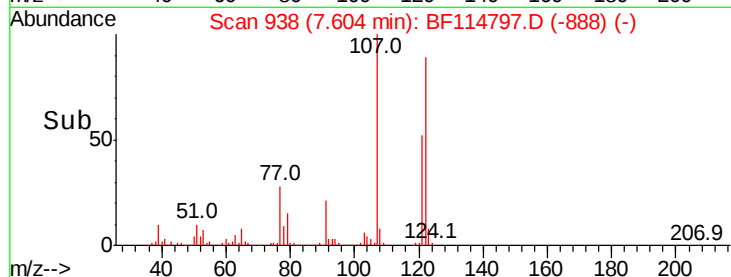
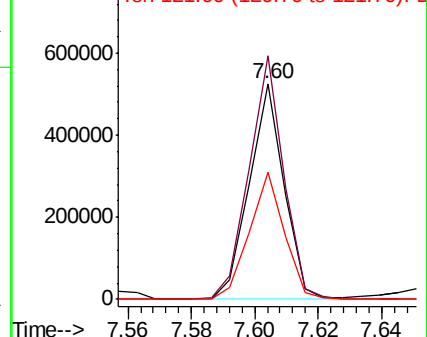
121 59.1 46.4 69.6



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 41.193 ng

RT: 7.70 min Scan# 954

Delta R.T. -0.01 min

Lab File: BF114797.D

Acq: 4 Jun 2019 18:07

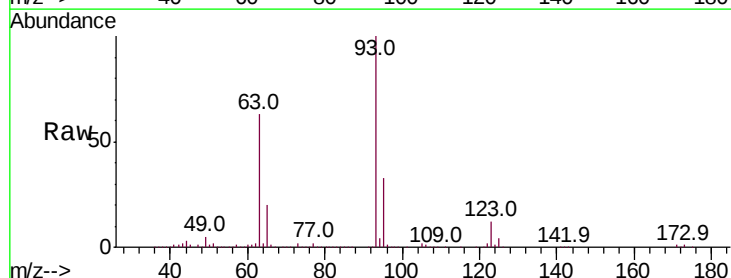
Tgt Ion: 93 Resp: 539507

Ion Ratio Lower Upper

93 100

95 32.6 26.9 40.3

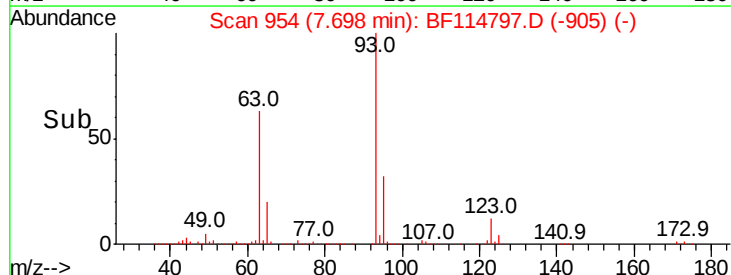
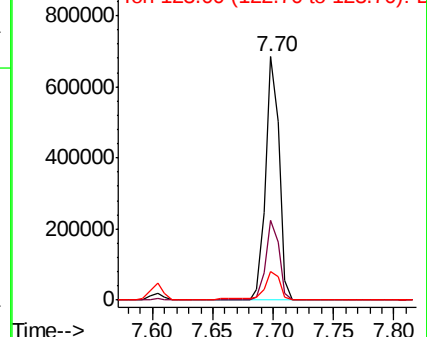
123 11.9 10.4 15.6

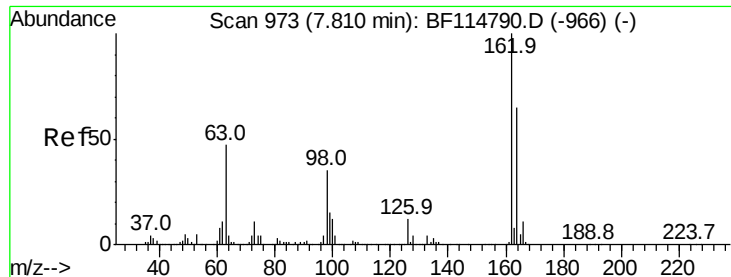


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

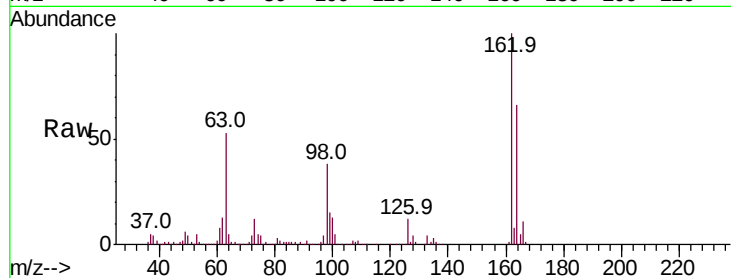




#29
2,4-Dichlorophenol
Concen: 42.721 ng
RT: 7.80 min Scan# 971
Delta R.T. -0.01 min
Lab File: BF114797.D
Acq: 4 Jun 2019 18:07

Instrument :
BNA_F
ClientSampleId :
CL-02-053119-AMS

Tot Ion	Ratio	Lower	Upper
162	100		
164	66.0	45.1	85.1
98	37.7	14.6	54.6

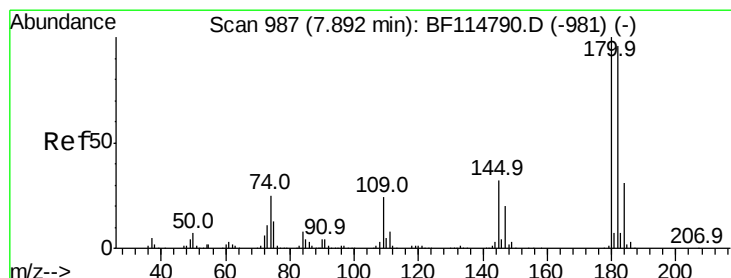
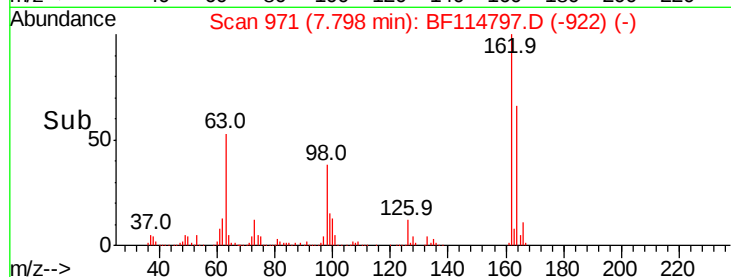
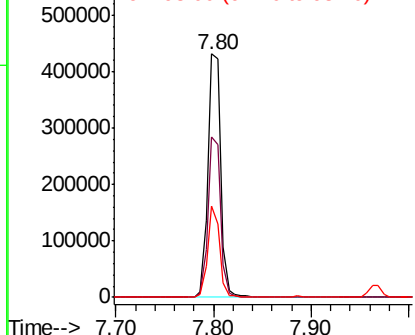


Abundance

Ion 162.00 (161.70 to 162.70): E

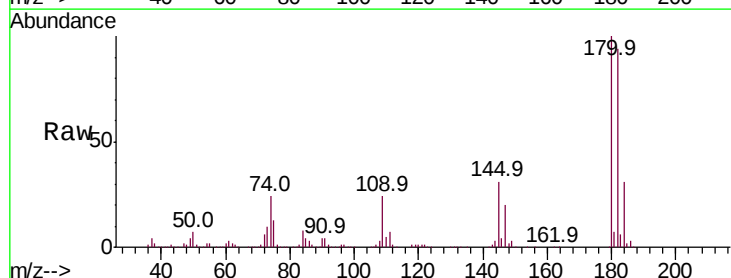
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30
1,2,4-Trichlorobenzene
Concen: 41.486 ng
RT: 7.89 min Scan# 986
Delta R.T. -0.01 min
Lab File: BF114797.D
Acq: 4 Jun 2019 18:07

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.5	76.5	114.7
145	31.1	25.8	38.8

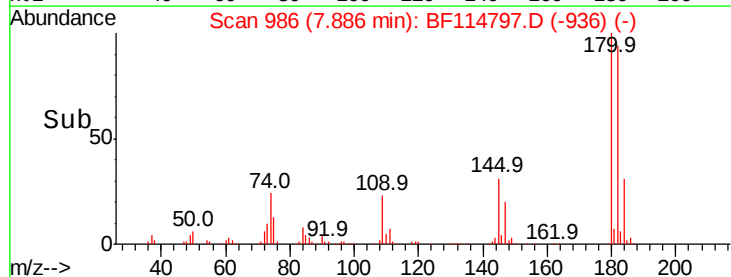
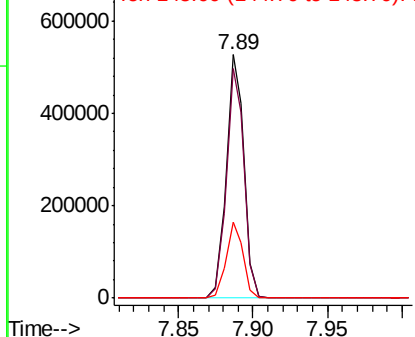


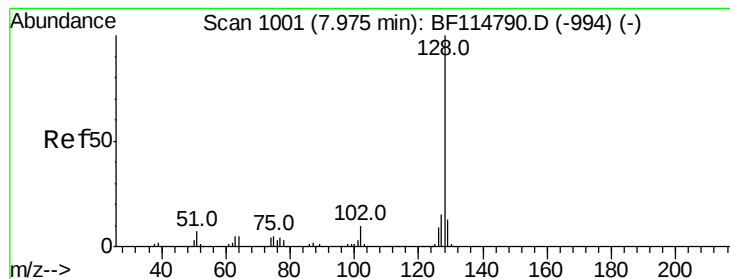
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 48.180 ng

RT: 7.97 min Scan# 1000

Delta R.T. -0.01 min

Lab File: BF114797.D

Acq: 4 Jun 2019 18:07

Instrument :

BNA_F

ClientSampleId :

CL-02-053119-AMS

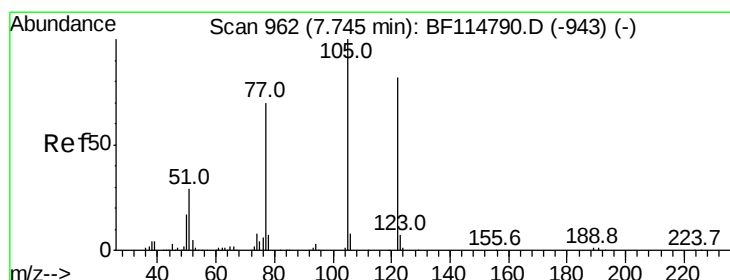
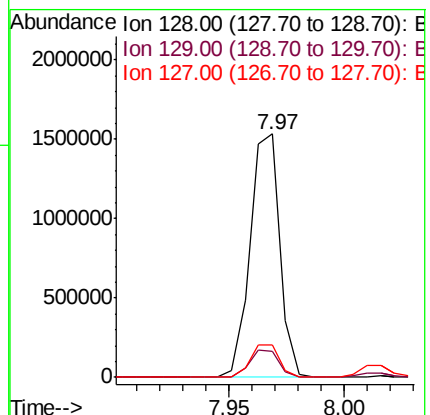
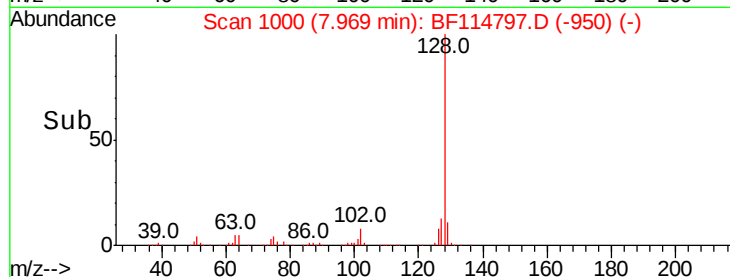
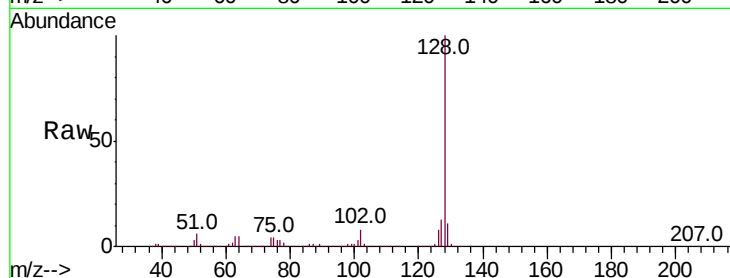
Tot Ion:128 Resp: 1383817

Ion Ratio Lower Upper

128 100

129 10.9 10.0 15.0

127 13.4 12.2 18.2



#32

Benzoic acid

Concen: 27.186 ng

RT: 7.69 min Scan# 952

Delta R.T. -0.06 min

Lab File: BF114797.D

Acq: 4 Jun 2019 18:07

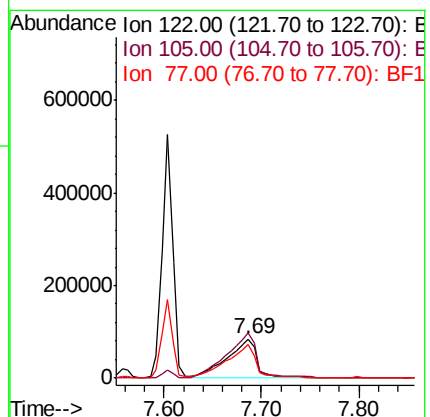
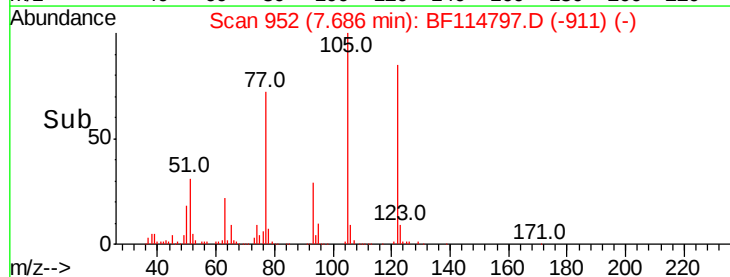
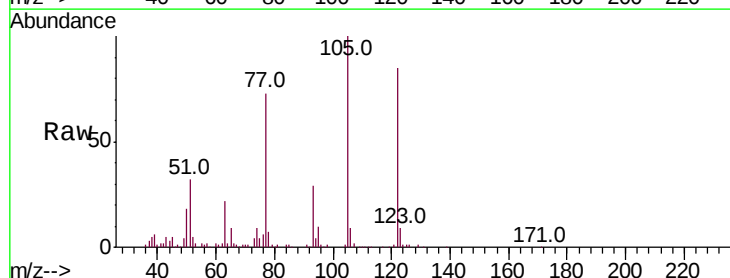
Tgt Ion:122 Resp: 175005

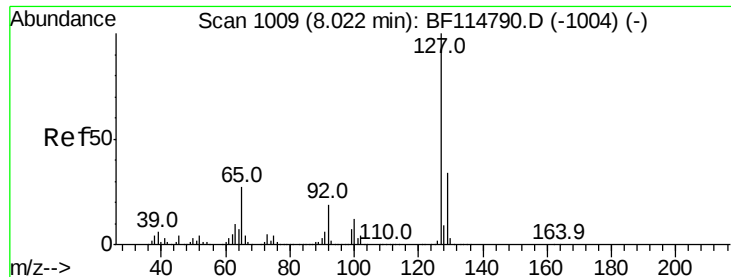
Ion Ratio Lower Upper

122 100

105 117.9 98.7 138.7

77 85.7 64.8 104.8

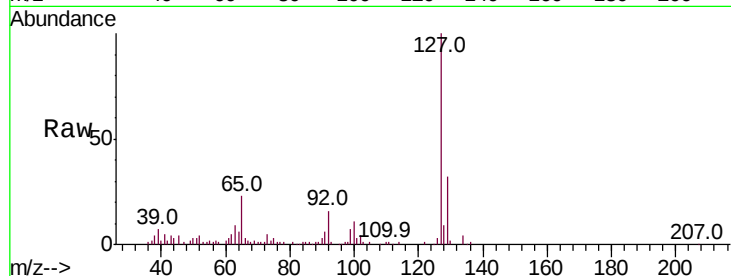




#33
4-Chloroaniline
Concen: 5.864 ng
RT: 8.02 min Scan# 1008
Delta R.T. -0.01 min
Lab File: BF114797.D
Acq: 4 Jun 2019 18:07

Instrument :
BNA_F
ClientSampleId :
CL-02-053119-AMS

Tot Ion:127	Resp:	80352
Ion	Ratio	Lower Upper
127	100	
129	31.6	26.9 40.3
65	23.4	21.7 32.5
92	15.9	14.8 22.2



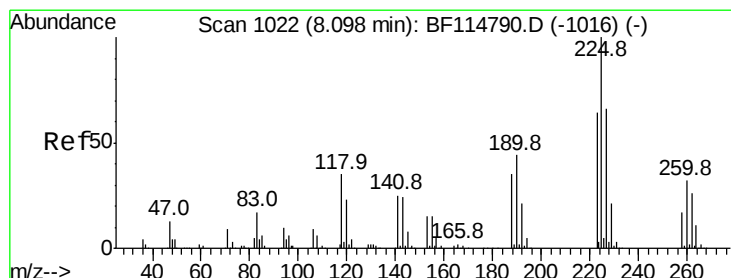
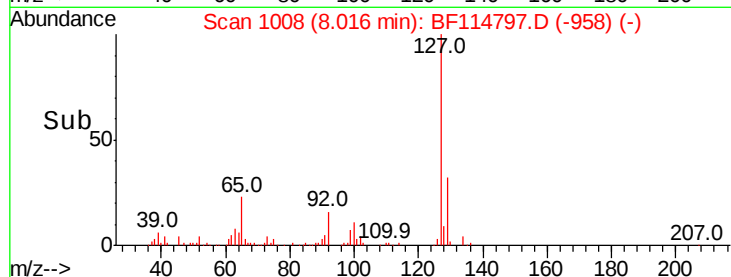
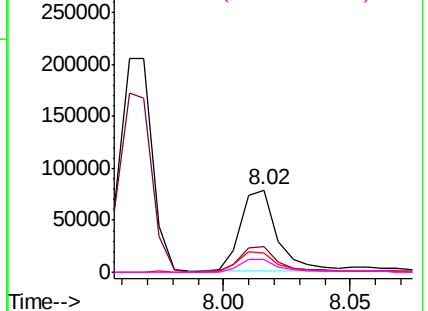
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

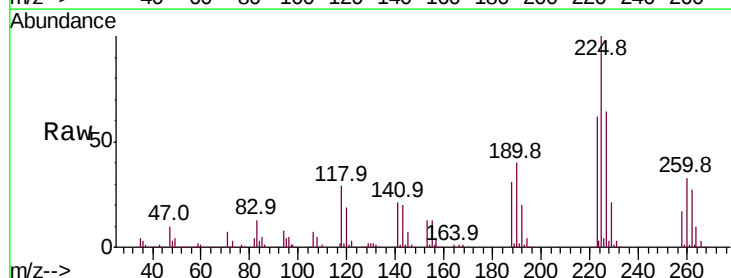
Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1



#34
Hexachlorobutadiene
Concen: 39.546 ng
RT: 8.10 min Scan# 1022
Delta R.T. -0.00 min
Lab File: BF114797.D
Acq: 4 Jun 2019 18:07

Tgt Ion:225	Resp:	239881
Ion	Ratio	Lower Upper
225	100	
223	61.9	51.0 76.6
227	64.3	52.6 78.8

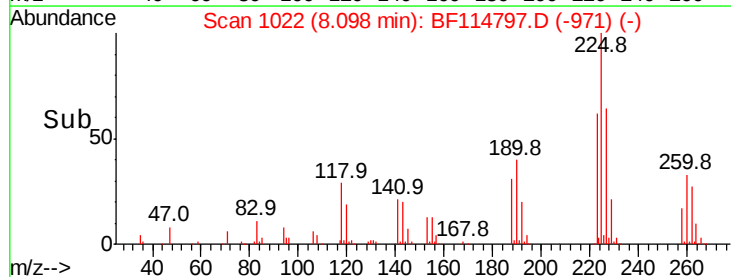
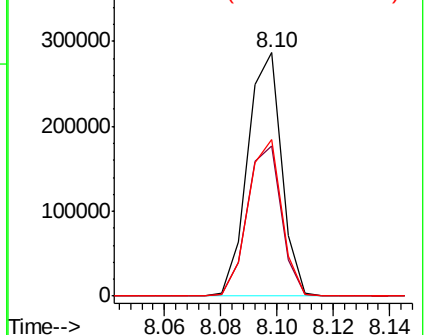


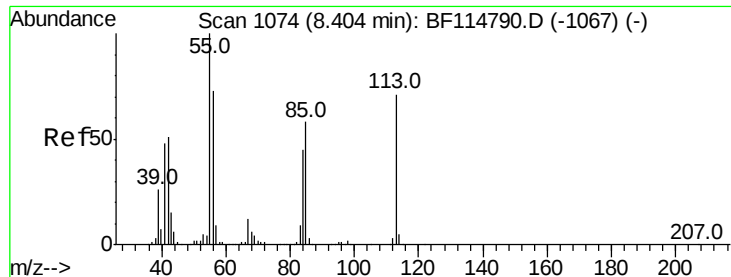
Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

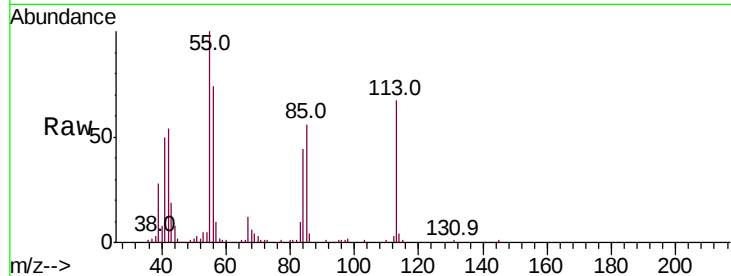




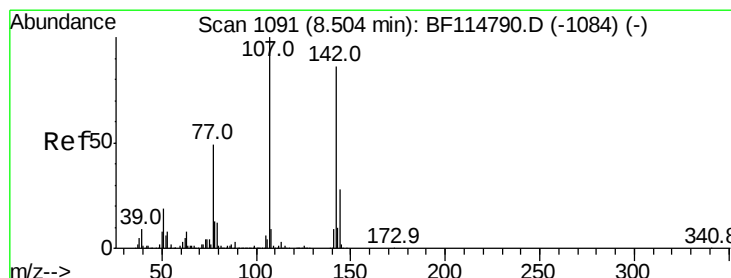
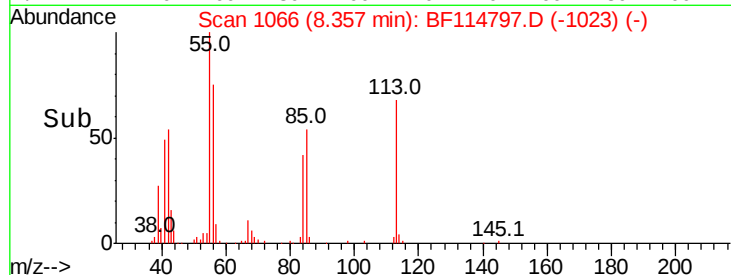
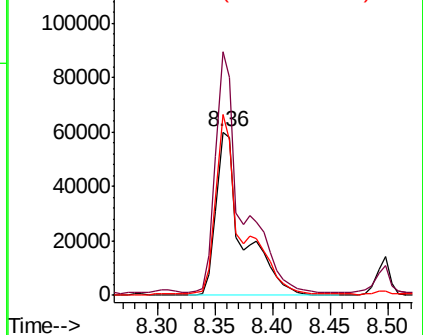
#35
Caprolactam
Concen: 32.032 ng
RT: 8.36 min Scan# 1066
Delta R.T. -0.05 min
Lab File: BF114797.D
Acq: 4 Jun 2019 18:07

Instrument :
BNA_F
ClientSampleId :
CL-02-053119-AMS

Tot Ion:113 Resp: 97299
Ion Ratio Lower Upper
113 100
55 148.8 121.1 161.1
56 110.3 82.6 122.6

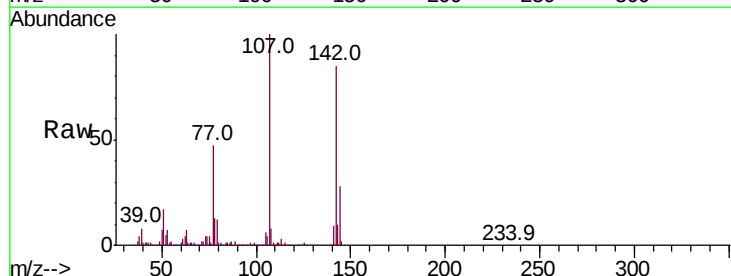


Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF1
Ion 56.00 (55.70 to 56.70): BF1

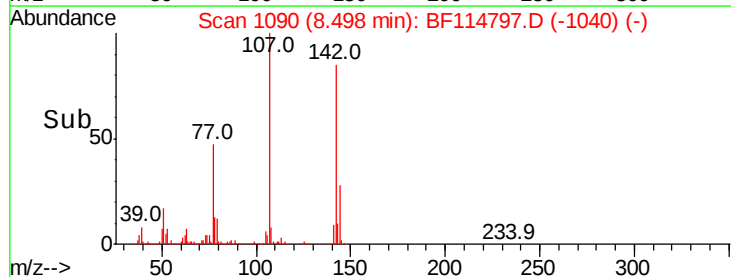
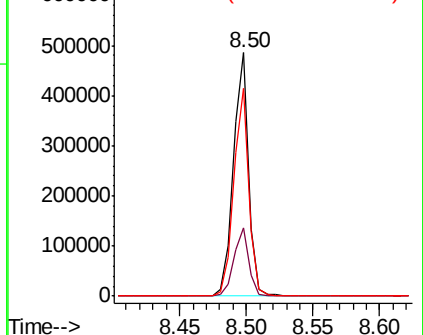


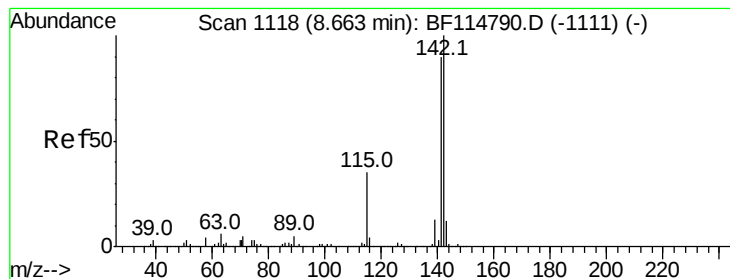
#36
4-Chloro-3-methylphenol
Concen: 42.248 ng
RT: 8.50 min Scan# 1090
Delta R.T. -0.01 min
Lab File: BF114797.D
Acq: 4 Jun 2019 18:07

Tgt Ion:107 Resp: 390917
Ion Ratio Lower Upper
107 100
144 28.0 22.1 33.1
142 85.1 68.4 102.6



Abundance Ion 107.00 (106.70 to 107.70): E
Ion 144.00 (143.70 to 144.70): E
Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 46.487 ng

RT: 8.66 min Scan# 1117

Delta R.T. -0.01 min

Lab File: BF114797.D

Acq: 4 Jun 2019 18:07

Instrument :

BNA_F

ClientSampleId :

CL-02-053119-AMS

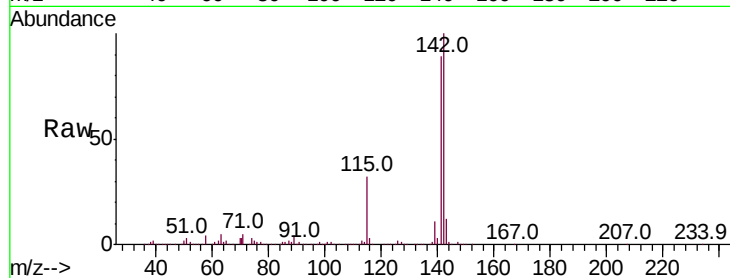
Tot Ion:142 Resp: 926102

Ion Ratio Lower Upper

142 100

141 89.5 71.6 107.4

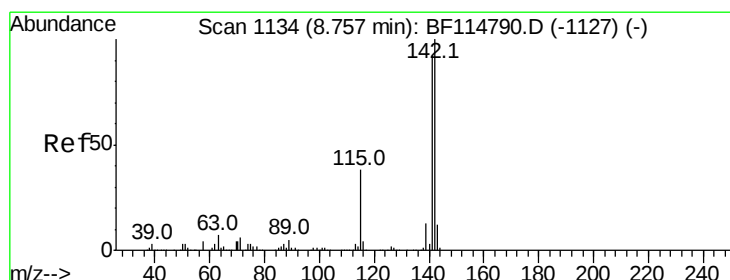
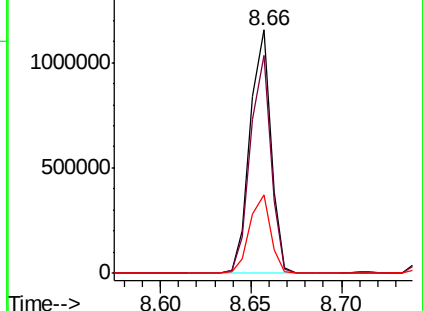
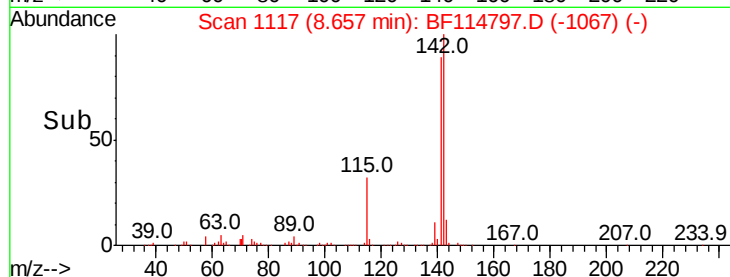
115 32.3 28.2 42.4



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 46.531 ng

RT: 8.75 min Scan# 1133

Delta R.T. -0.01 min

Lab File: BF114797.D

Acq: 4 Jun 2019 18:07

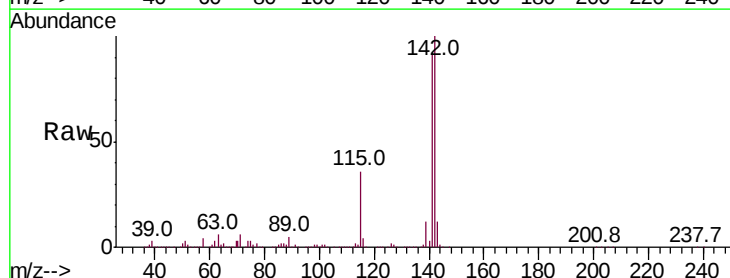
Tgt Ion:142 Resp: 879084

Ion Ratio Lower Upper

142 100

141 91.8 73.8 110.6

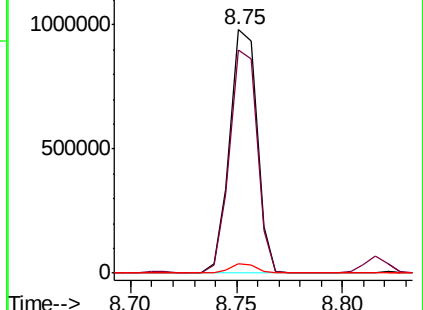
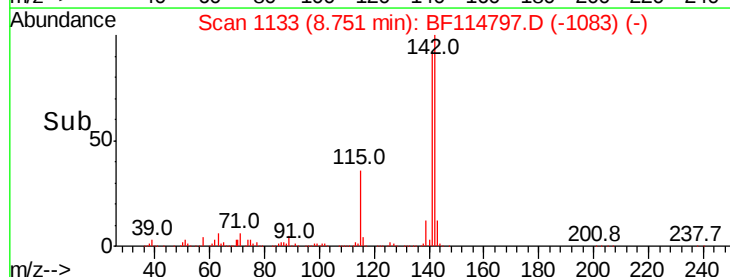
116 3.6 3.3 4.9

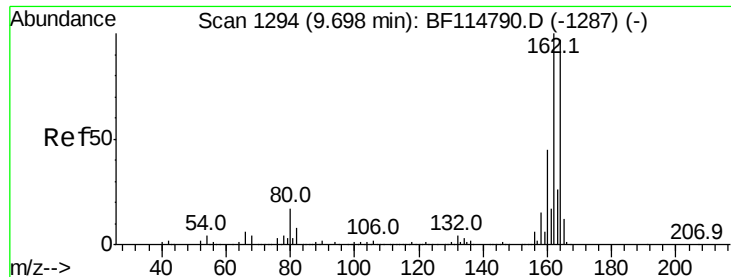


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.69 min Scan# 1293

Delta R.T. -0.01 min

Lab File: BF114797.D

Acq: 4 Jun 2019 18:07

Instrument :

BNA_F

ClientSampleId :

CL-02-053119-AMS

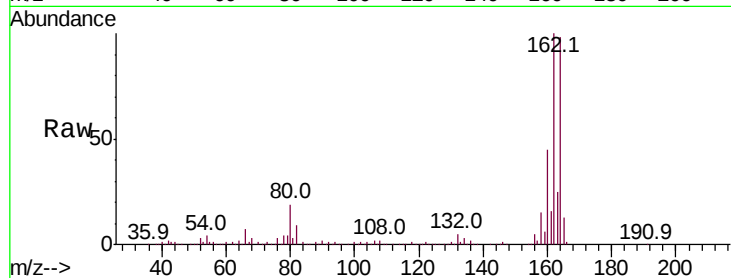
Tot Ion:164 Resp: 305840

Ion Ratio Lower Upper

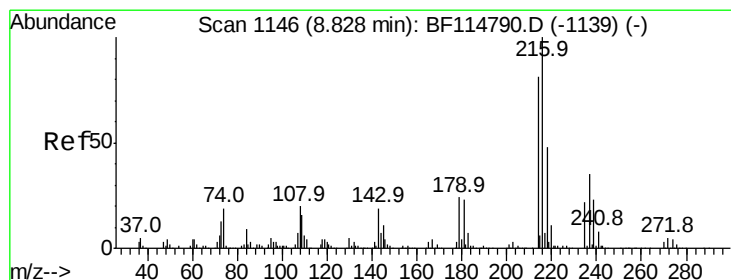
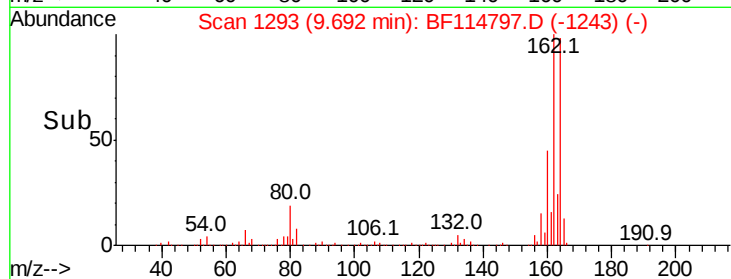
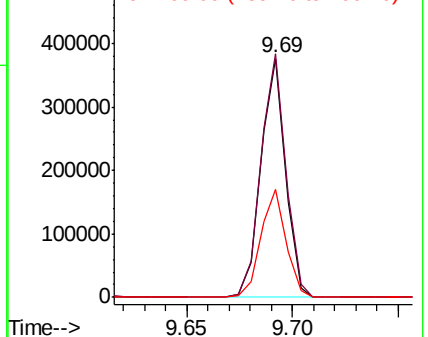
164 100

162 102.0 82.3 123.5

160 45.5 36.7 55.1



Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 45.801 ng

RT: 8.82 min Scan# 1145

Delta R.T. -0.01 min

Lab File: BF114797.D

Acq: 4 Jun 2019 18:07

Tgt Ion:216 Resp: 403682

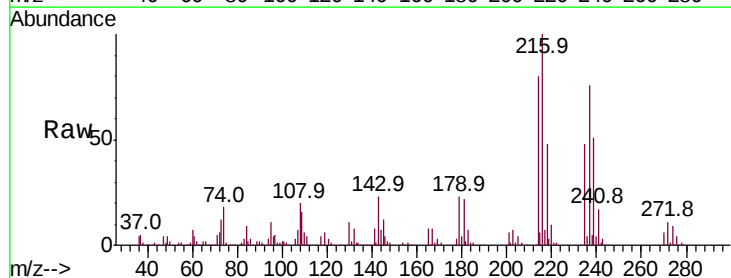
Ion Ratio Lower Upper

216 100

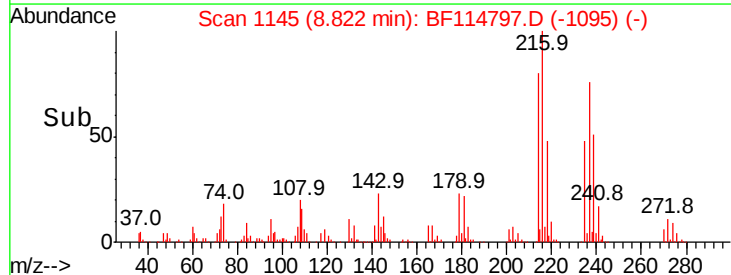
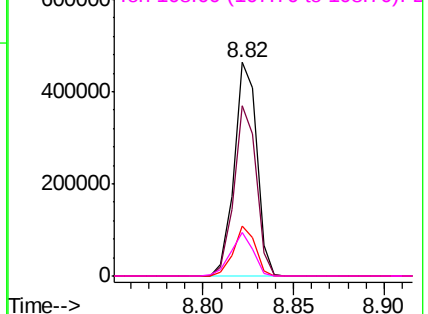
214 78.5 63.4 95.2

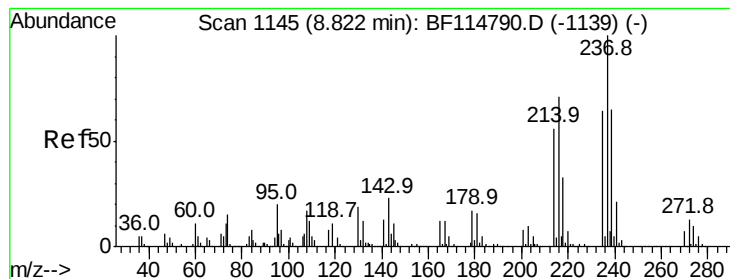
179 22.2 18.3 27.5

108 20.6 15.5 23.3



Abundance Ion 216.00 (215.70 to 216.70): E
Ion 214.00 (213.70 to 214.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 75.637 ng

RT: 8.82 min Scan# 1144

Delta R.T. -0.01 min

Lab File: BF114797.D

Acq: 4 Jun 2019 18:07

Instrument :

BNA_F

ClientSampleId :

CL-02-053119-AMS

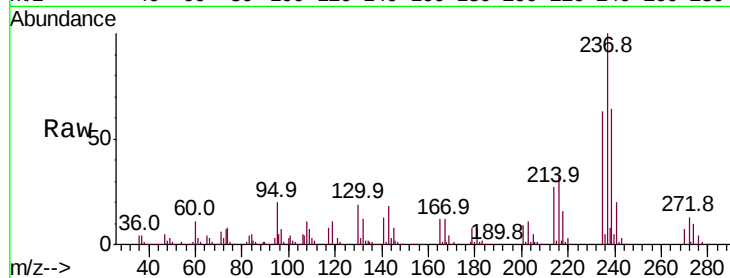
Tot Ion:237 Resp: 404321

Ion Ratio Lower Upper

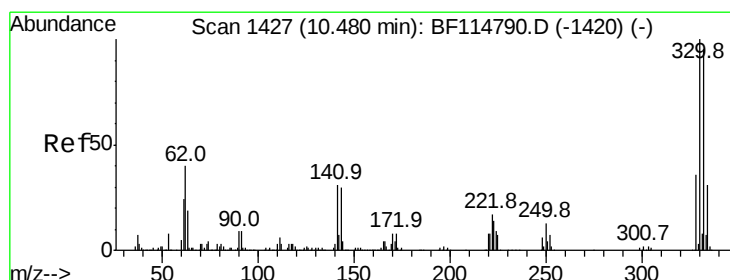
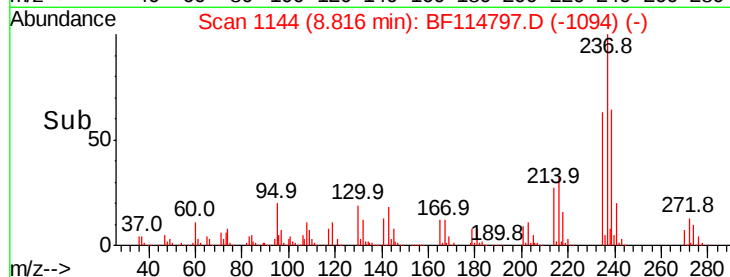
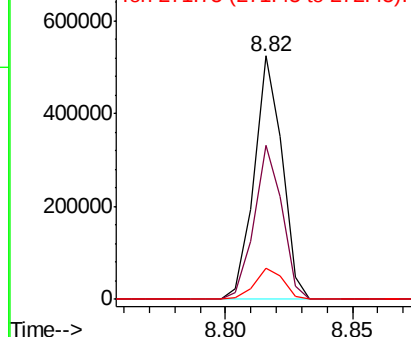
237 100

235 63.2 44.0 84.0

272 12.6 0.0 33.4



Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 133.193 ng

RT: 10.47 min Scan# 1426

Delta R.T. -0.01 min

Lab File: BF114797.D

Acq: 4 Jun 2019 18:07

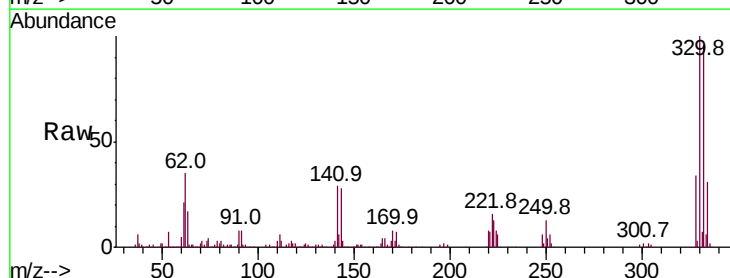
Tgt Ion:330 Resp: 438992

Ion Ratio Lower Upper

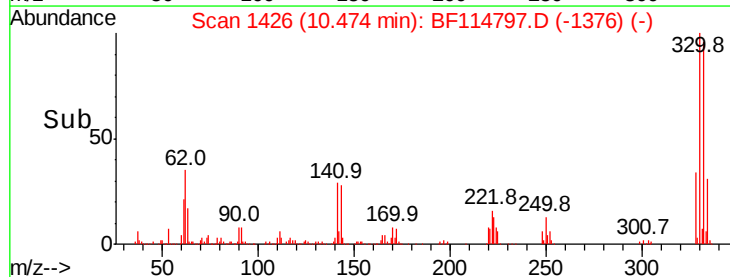
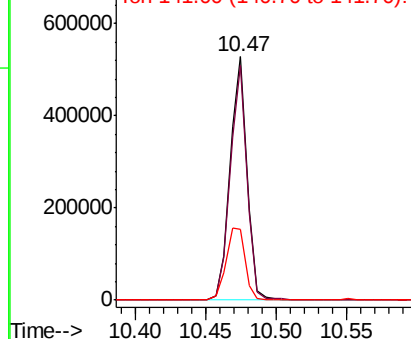
330 100

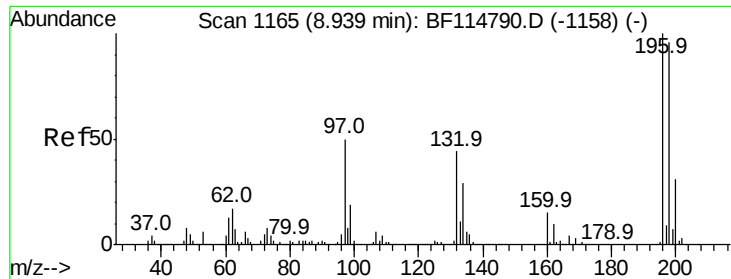
332 95.7 77.3 115.9

141 33.5 26.2 39.4



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

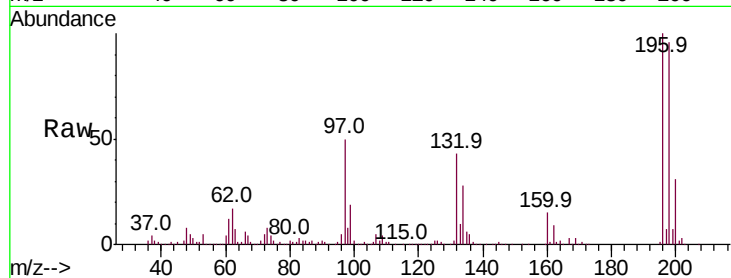




#43
 2,4,6-Trichlorophenol
 Concen: 41.644 ng
 RT: 8.93 min Scan# 1164
 Delta R.T. -0.01 min
 Lab File: BF114797.D
 Acq: 4 Jun 2019 18:07

Instrument :
 BNA_F
 ClientSampleId :
 CL-02-053119-AMS

Tot Ion	Ratio	Lower	Upper
196	100		
198	95.5	77.1	115.7
200	30.8	24.6	36.8

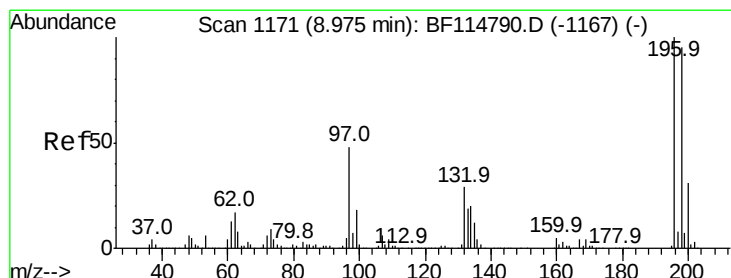
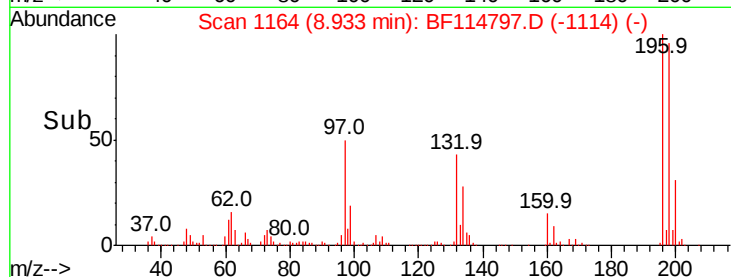
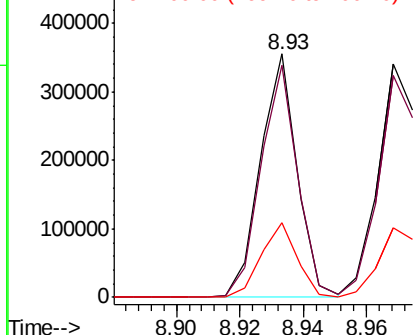


Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#44
 2,4,5-Trichlorophenol
 Concen: 44.112 ng
 RT: 8.97 min Scan# 1170
 Delta R.T. -0.01 min
 Lab File: BF114797.D
 Acq: 4 Jun 2019 18:07

Tgt Ion	Ratio	Lower	Upper
196	100		
198	95.2	76.2	114.4
97	47.0	38.2	57.4
132	29.3	23.7	35.5

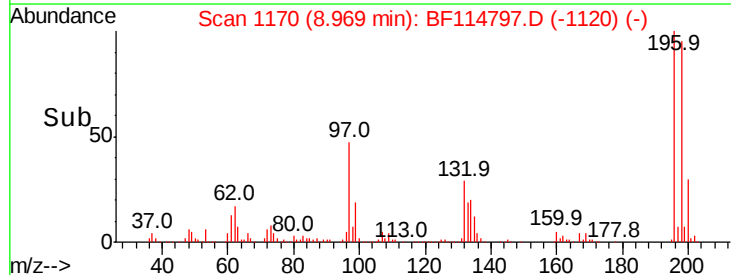
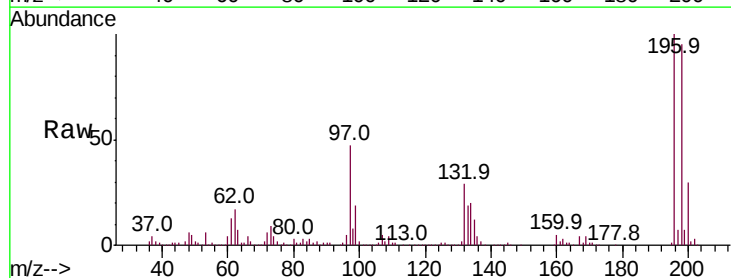
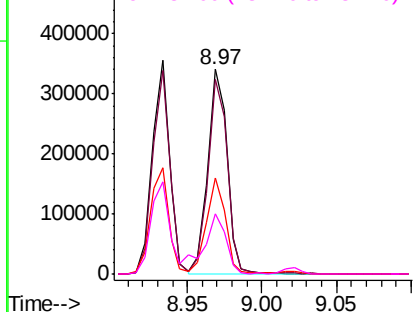
Abundance

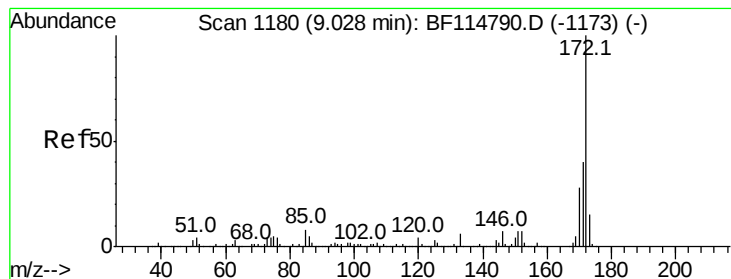
Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E





#45

2-Fluorobiphenyl

Concen: 109.527 ng

RT: 9.02 min Scan# 1179

Delta R.T. -0.01 min

Lab File: BF114797.D

Acq: 4 Jun 2019 18:07

Instrument :

BNA_F

ClientSampleId :

CL-02-053119-AMS

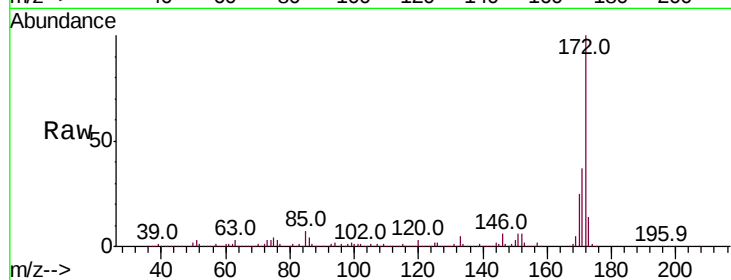
Tot Ion:172 Resp: 1788190

Ion Ratio Lower Upper

172 100

171 36.5 32.3 48.5

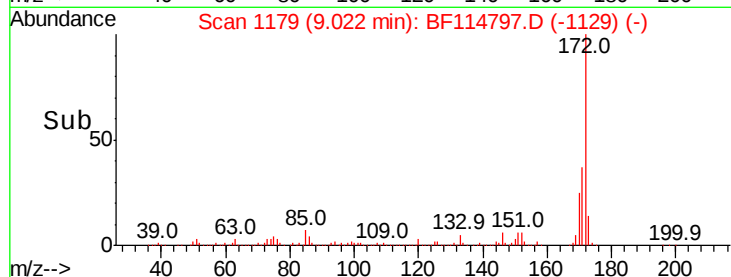
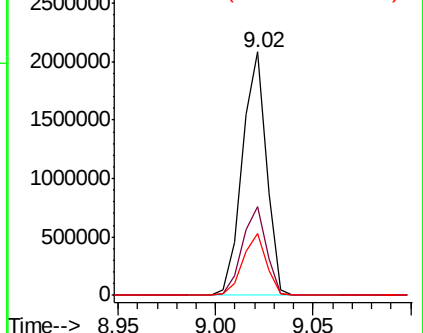
170 25.2 22.4 33.6



Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46

1,1'-Biphenyl

Concen: 48.827 ng

RT: 9.12 min Scan# 1196

Delta R.T. -0.01 min

Lab File: BF114797.D

Acq: 4 Jun 2019 18:07

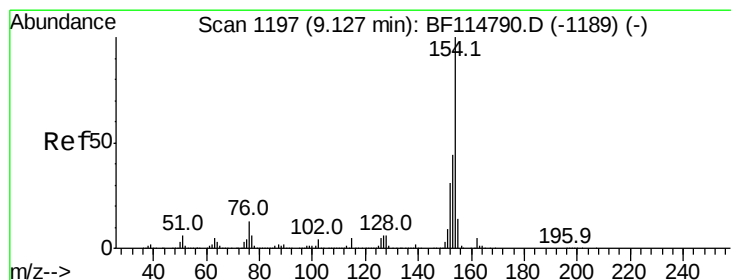
Tgt Ion:154 Resp: 1106785

Ion Ratio Lower Upper

154 100

153 41.3 23.9 63.9

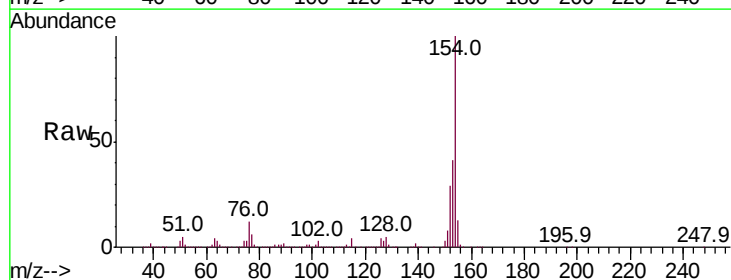
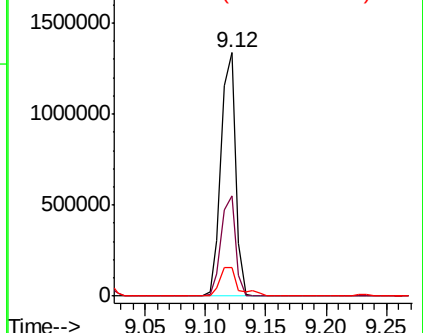
76 11.8 0.0 33.2

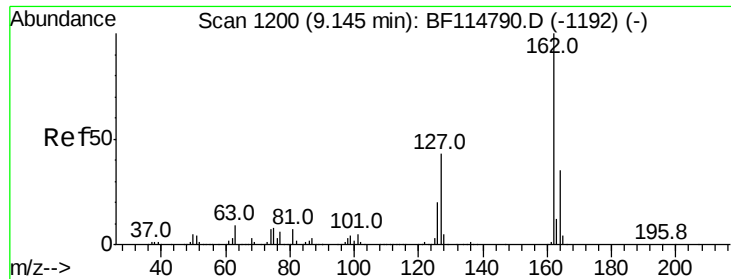


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1

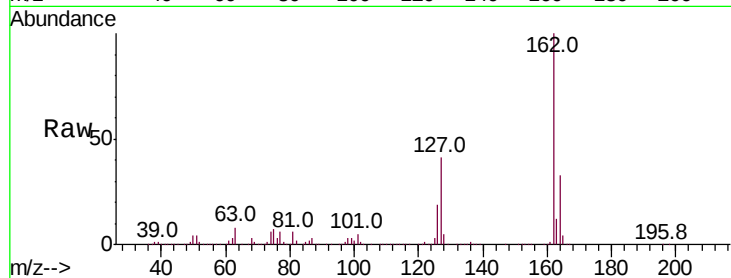




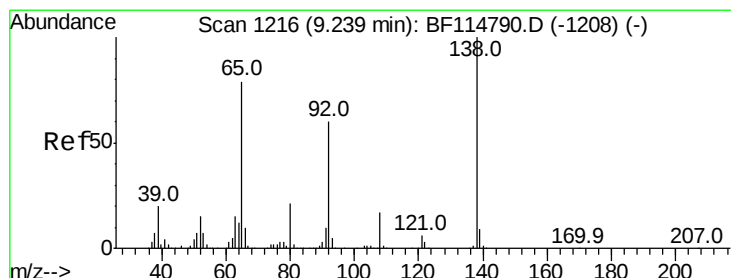
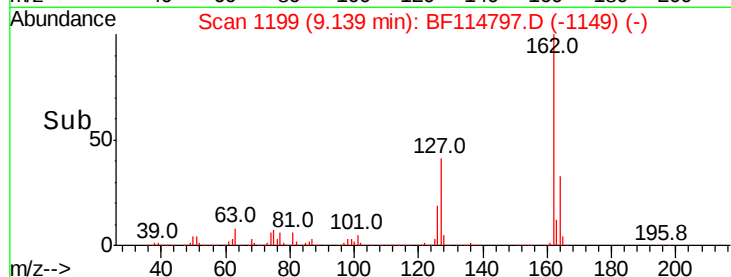
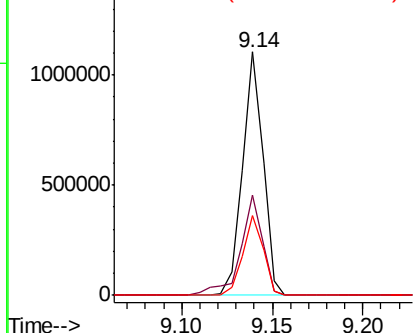
#47
2-Chloronaphthalene
Concen: 44.985 ng
RT: 9.14 min Scan# 1199
Delta R.T. -0.01 min
Lab File: BF114797.D
Acq: 4 Jun 2019 18:07

Instrument :
BNA_F
ClientSampleId :
CL-02-053119-AMS

Tot Ion	Ratio	Lower	Upper
162	100		
127	41.3	34.6	51.8
164	32.9	27.8	41.8

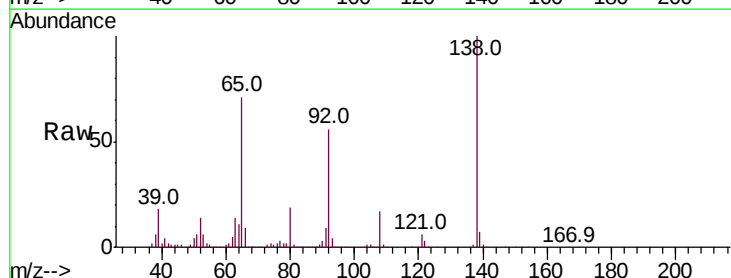


Abundance Ion 162.00 (161.70 to 162.70): E
1500000
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

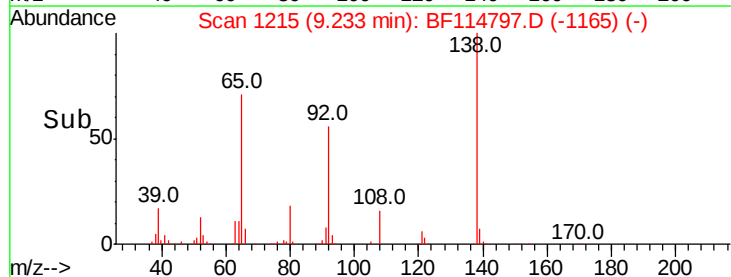
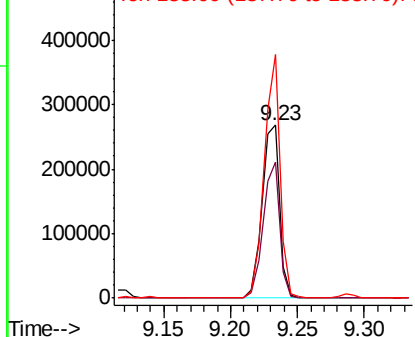


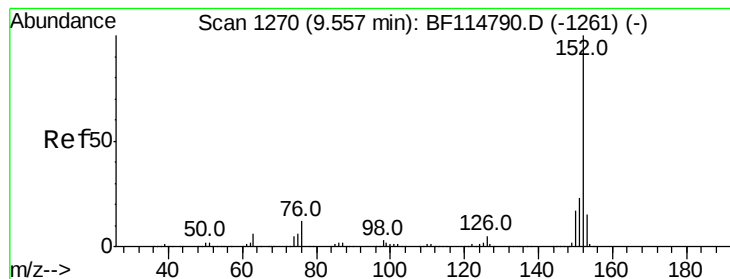
#48
2-Nitroaniline
Concen: 41.939 ng
RT: 9.23 min Scan# 1215
Delta R.T. -0.01 min
Lab File: BF114797.D
Acq: 4 Jun 2019 18:07

Tgt Ion	Ratio	Lower	Upper
65	100		
92	78.7	60.4	90.6
138	140.9	101.2	151.8



Abundance Ion 65.00 (64.70 to 65.70): BF1
500000
Ion 92.00 (91.70 to 92.70): BF1
Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 48.937 ng

RT: 9.55 min Scan# 1269

Delta R.T. -0.01 min

Lab File: BF114797.D

Acq: 4 Jun 2019 18:07

Instrument :

BNA_F

ClientSampleId :

CL-02-053119-AMS

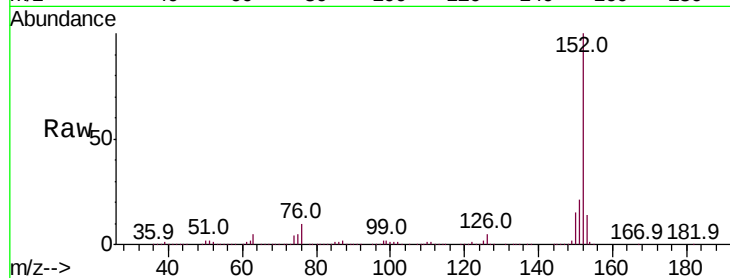
Tot Ion:152 Resp: 1366893

Ion Ratio Lower Upper

152 100

151 21.0 18.3 27.5

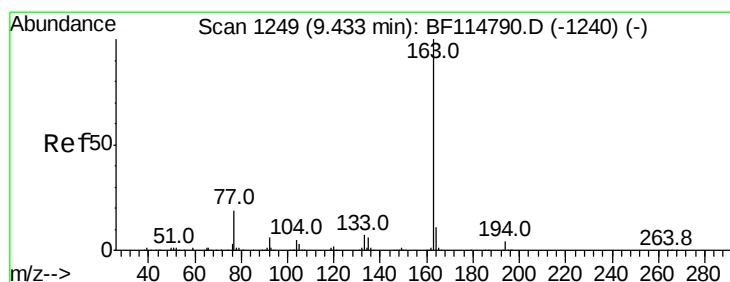
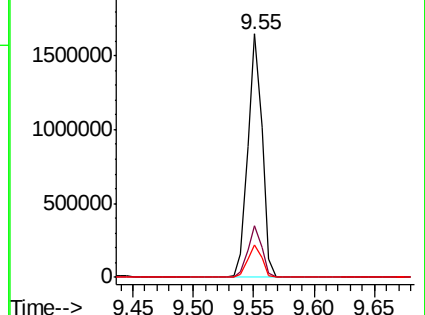
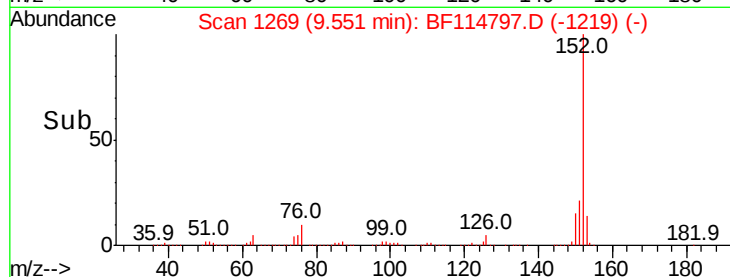
153 13.5 12.3 18.5



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 45.098 ng

RT: 9.42 min Scan# 1247

Delta R.T. -0.01 min

Lab File: BF114797.D

Acq: 4 Jun 2019 18:07

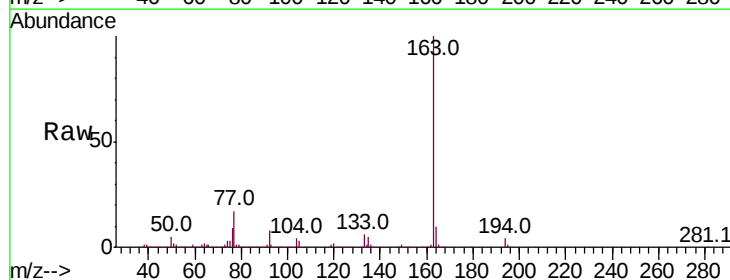
Tgt Ion:163 Resp: 1007371

Ion Ratio Lower Upper

163 100

194 3.9 3.4 5.2

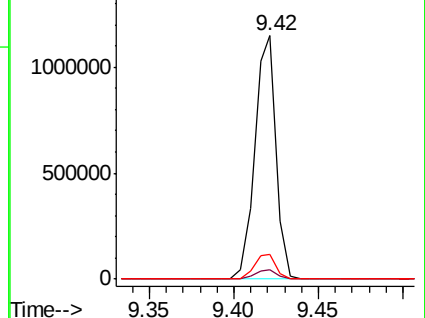
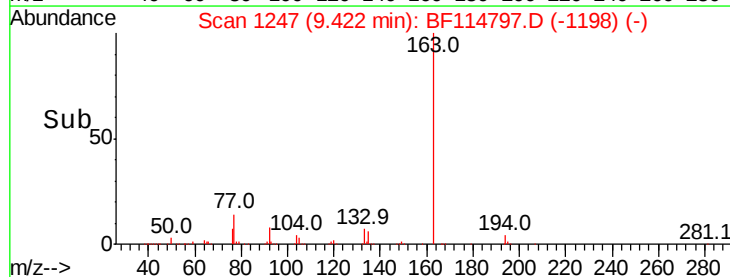
164 10.3 8.6 13.0

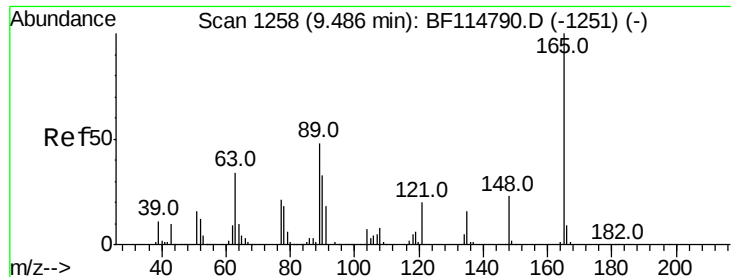


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 43.006 ng

RT: 9.47 min Scan# 1256

Delta R.T. -0.01 min

Lab File: BF114797.D

Acq: 4 Jun 2019 18:07

Instrument :

BNA_F

ClientSampleId :

CL-02-053119-AMS

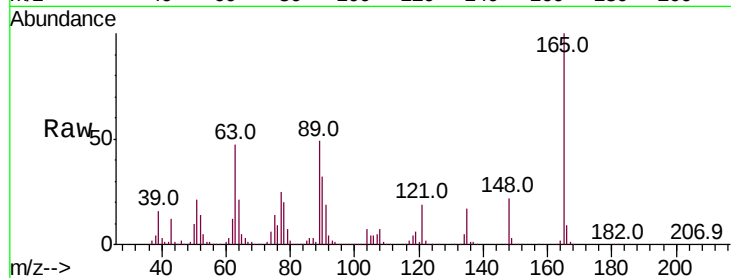
Tot Ion:165 Resp: 225922

Ion Ratio Lower Upper

165 100

63 46.7 35.1 52.7

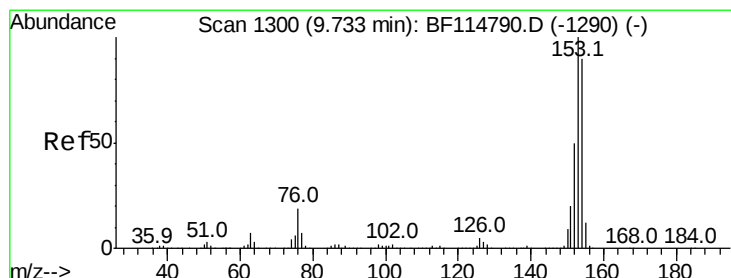
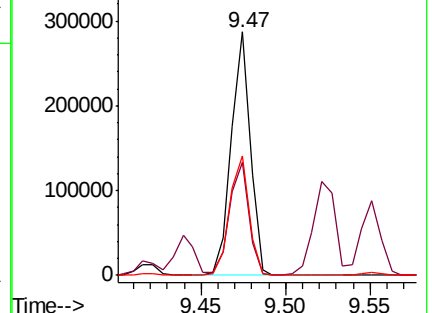
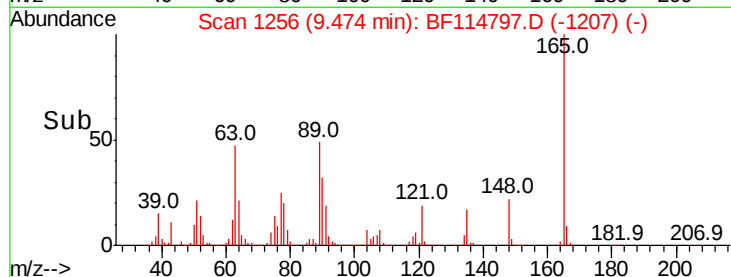
89 49.0 38.2 57.2



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1



#52

Acenaphthene

Concen: 48.407 ng

RT: 9.72 min Scan# 1298

Delta R.T. -0.01 min

Lab File: BF114797.D

Acq: 4 Jun 2019 18:07

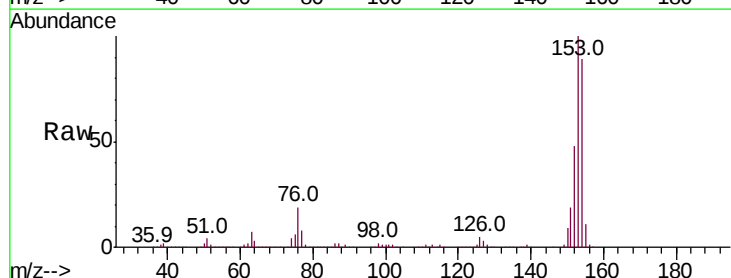
Tgt Ion:154 Resp: 885704

Ion Ratio Lower Upper

154 100

153 112.6 88.5 132.7

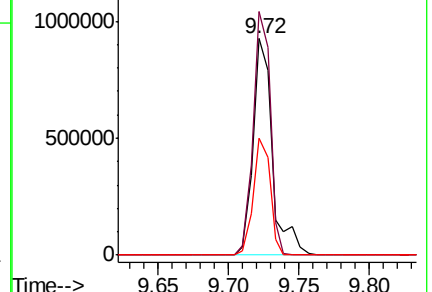
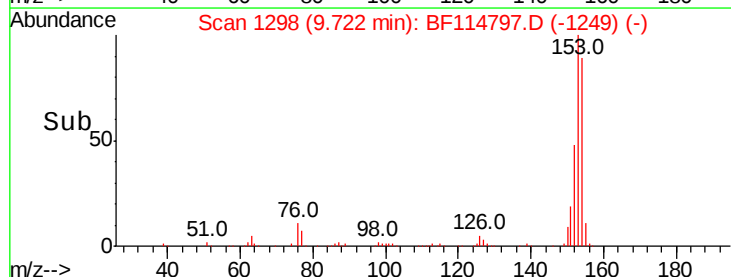
152 54.3 44.1 66.1

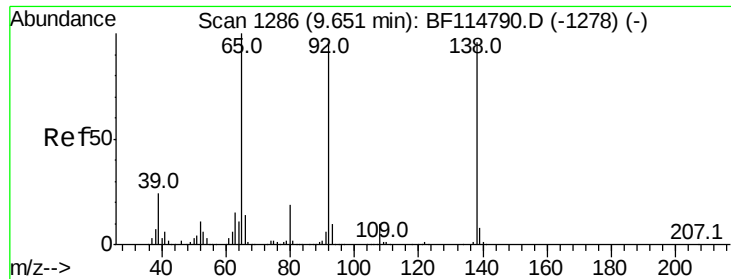


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

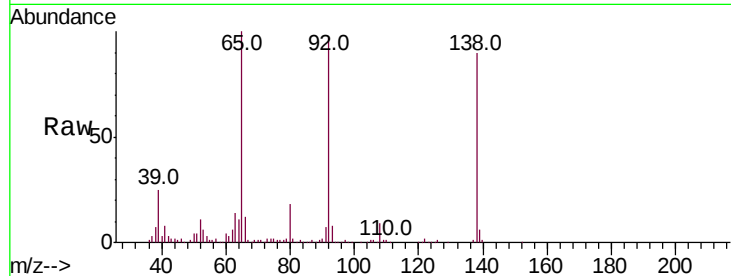




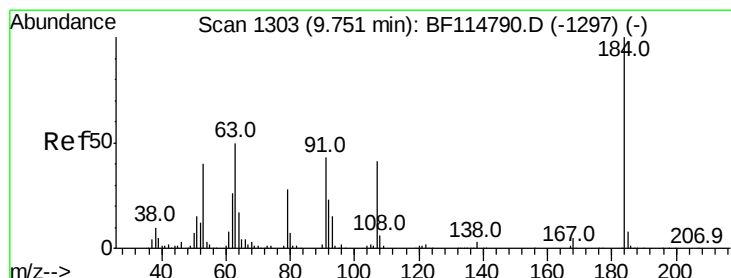
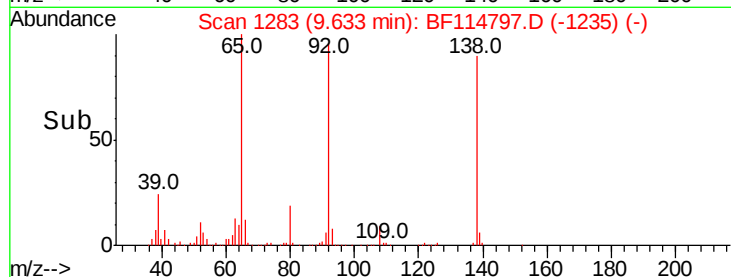
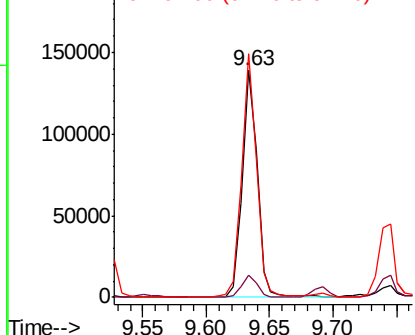
#53
3-Nitroaniline
Concen: 18.594 ng
RT: 9.63 min Scan# 1283
Delta R.T. -0.02 min
Lab File: BF114797.D
Acq: 4 Jun 2019 18:07

Instrument :
BNA_F
ClientSampleId :
CL-02-053119-AMS

Tot Ion:138 Resp: 114107
Ion Ratio Lower Upper
138 100
108 9.9 7.9 11.9
92 107.4 79.9 119.9

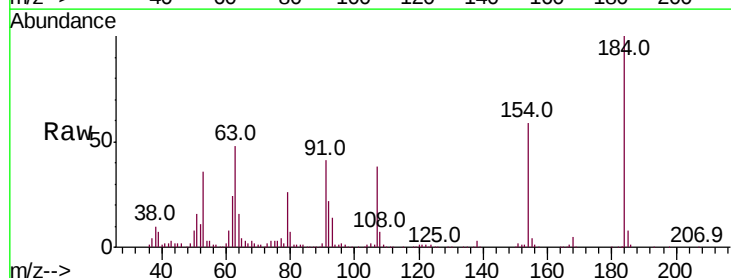


Abundance Ion 138.00 (137.70 to 138.70): E
200000 Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

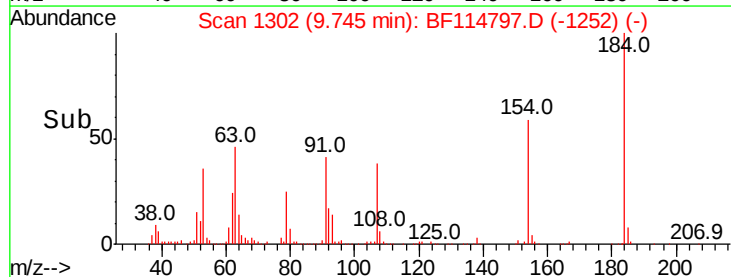
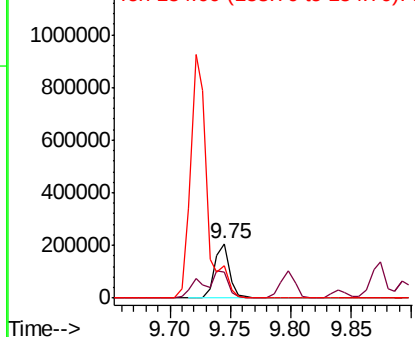


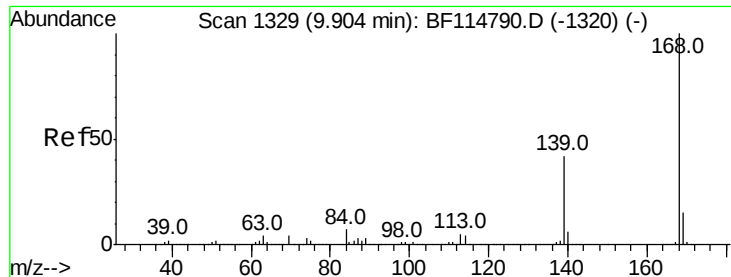
#54
2,4-Dinitrophenol
Concen: 72.976 ng
RT: 9.75 min Scan# 1302
Delta R.T. -0.01 min
Lab File: BF114797.D
Acq: 4 Jun 2019 18:07

Tgt Ion:184 Resp: 173474
Ion Ratio Lower Upper
184 100
63 48.4 44.1 66.1
154 58.9 48.1 72.1



Abundance Ion 184.00 (183.70 to 184.70): E
1200000 Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E





#55

Dibenzenofuran

Concen: 47.795 ng

RT: 9.90 min Scan# 1328

Delta R.T. -0.01 min

Lab File: BF114797.D

Acq: 4 Jun 2019 18:07

Instrument :

BNA_F

ClientSampleId :

CL-02-053119-AMS

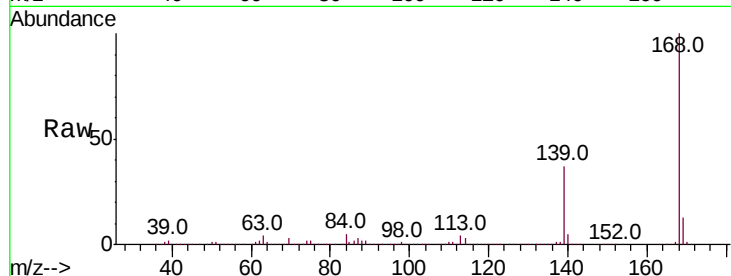
Tot Ion:168 Resp: 1216043

Ion Ratio Lower Upper

168 100

139 37.0 33.8 50.6

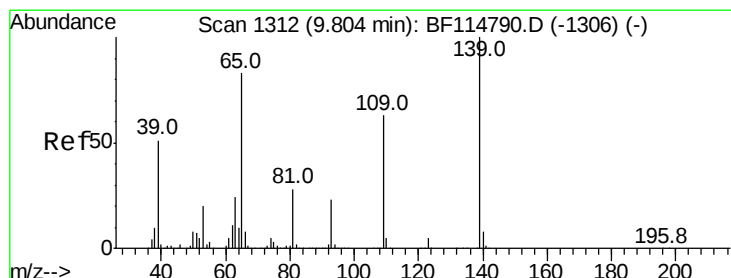
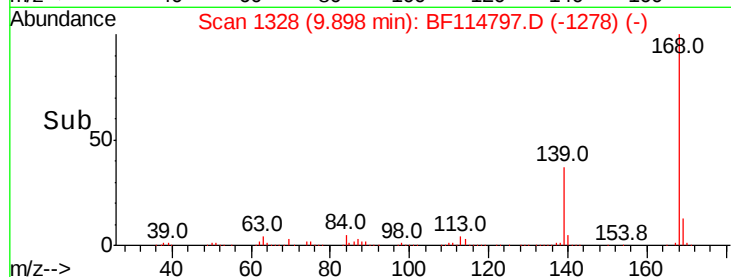
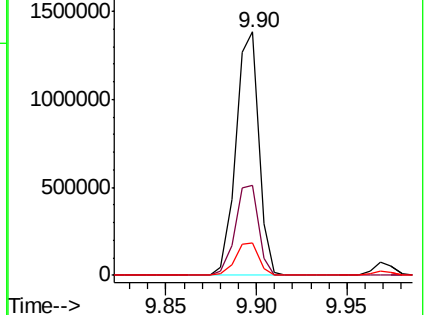
169 13.3 11.9 17.9



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 83.951 ng

RT: 9.80 min Scan# 1311

Delta R.T. -0.01 min

Lab File: BF114797.D

Acq: 4 Jun 2019 18:07

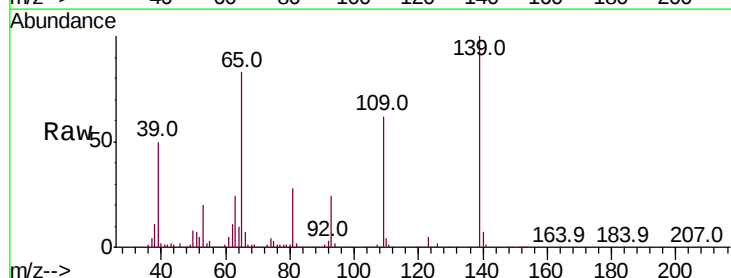
Tgt Ion:139 Resp: 377510

Ion Ratio Lower Upper

139 100

109 62.1 43.5 83.5

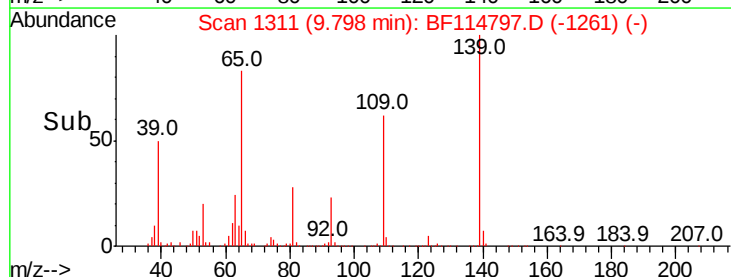
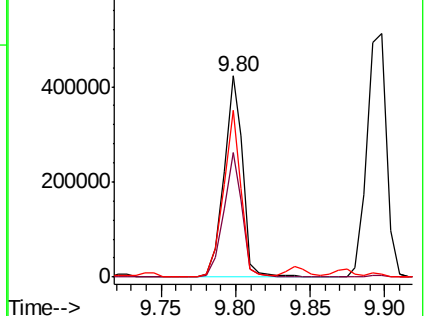
65 83.0 63.2 103.2

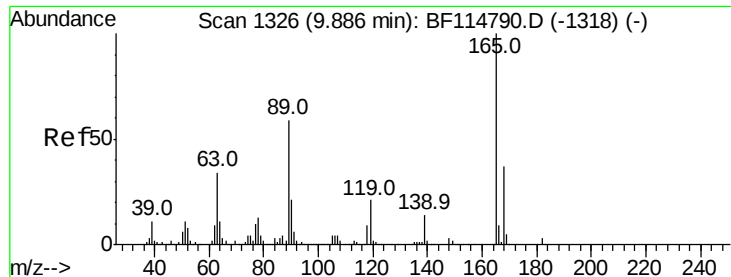


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

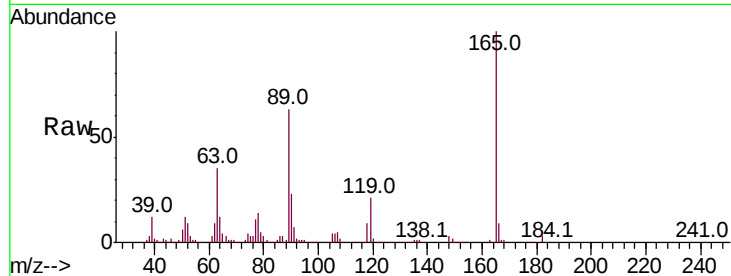




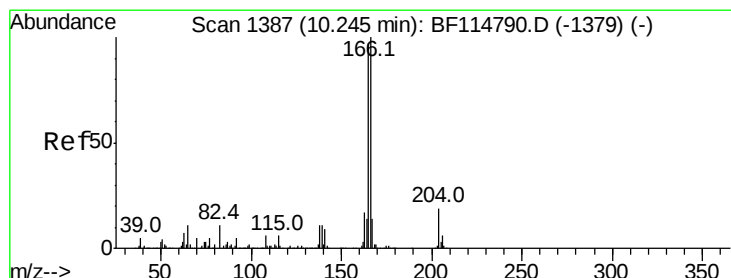
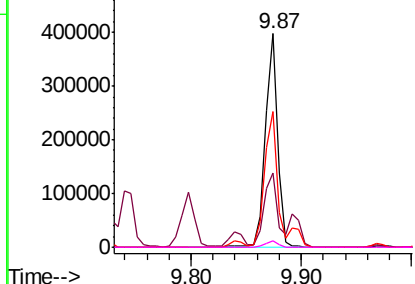
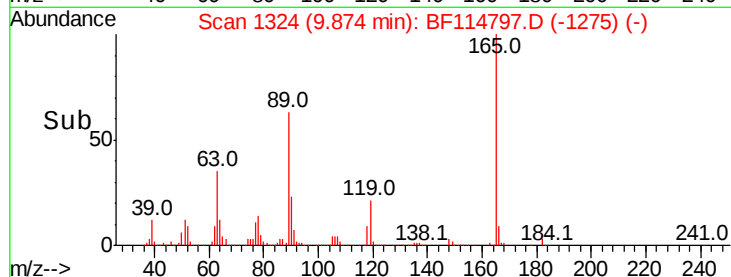
#57
2,4-Dinitrotoluene
Concen: 46.800 ng
RT: 9.87 min Scan# 1324
Delta R.T. -0.01 min
Lab File: BF114797.D
Acq: 4 Jun 2019 18:07

Instrument :
BNA_F
ClientSampleId :
CL-02-053119-AMS

Tot Ion:	165	Resp:	309062
Ion	Ratio	Lower	Upper
165	100		
63	34.8	27.0	40.4
89	63.4	47.0	70.6
182	2.8	2.2	3.2

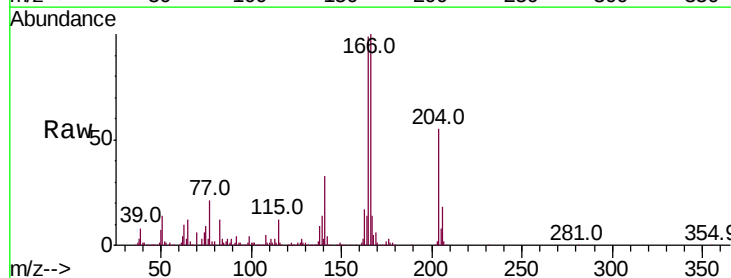


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

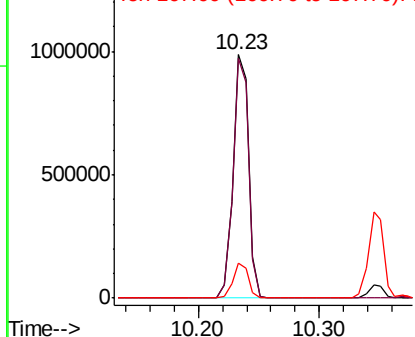
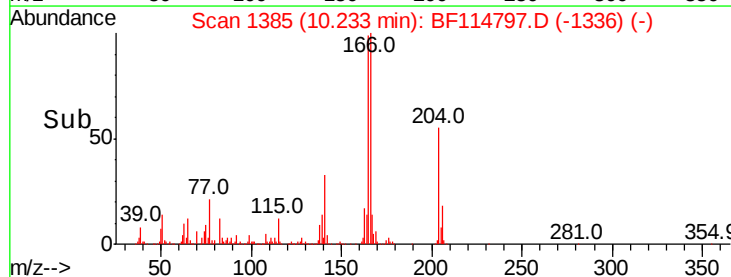


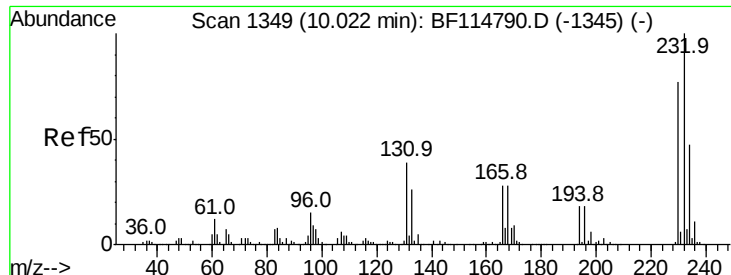
#58
Fluorene
Concen: 56.629 ng
RT: 10.23 min Scan# 1385
Delta R.T. -0.01 min
Lab File: BF114797.D
Acq: 4 Jun 2019 18:07

Tgt Ion:	166	Resp:	884632
Ion	Ratio	Lower	Upper
166	100		
165	98.6	77.9	116.9
167	14.1	11.3	16.9



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E

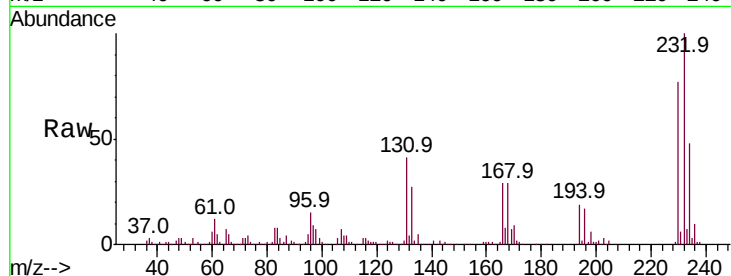




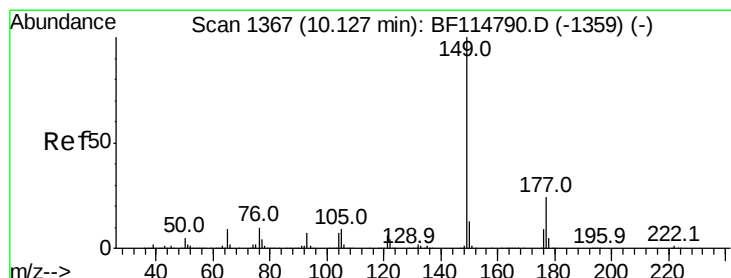
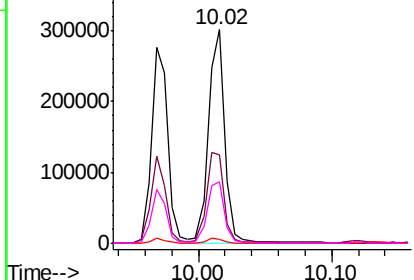
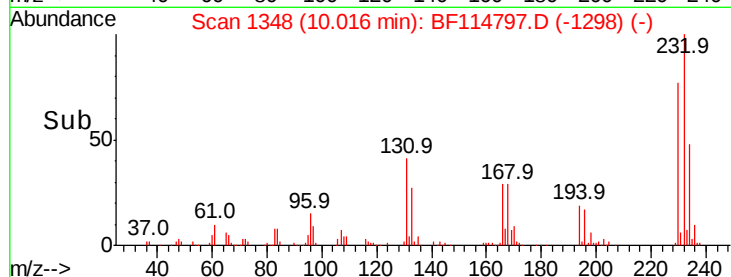
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 45.769 ng
 RT: 10.02 min Scan# 1348
 Delta R.T. -0.01 min
 Lab File: BF114797.D
 Acq: 4 Jun 2019 18:07

Instrument :
 BNA_F
 ClientSampleId :
 CL-02-053119-AMS

Tot Ion	Ratio	Lower	Upper
232	100		
131	46.3	36.8	55.2
130	2.3	1.8	2.6
166	30.4	24.6	37.0

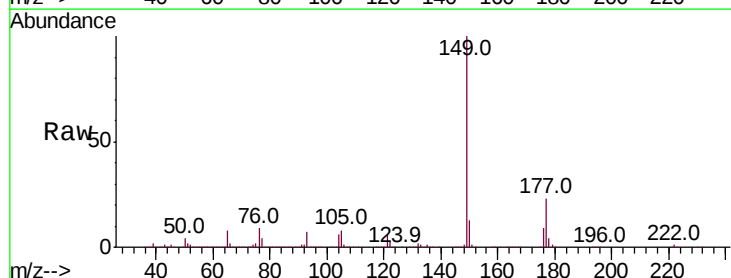


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

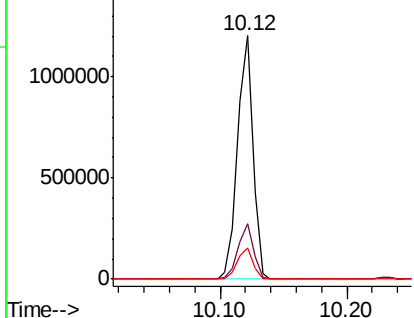
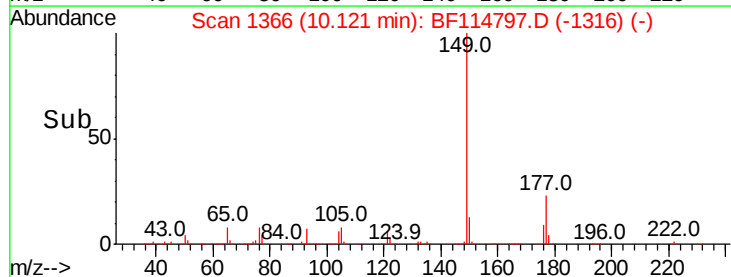


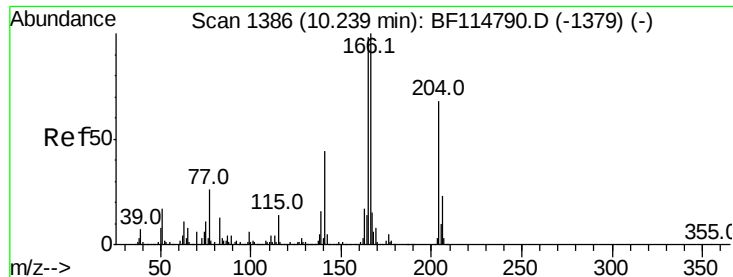
#60
 Diethylphthalate
 Concen: 44.603 ng
 RT: 10.12 min Scan# 1366
 Delta R.T. -0.01 min
 Lab File: BF114797.D
 Acq: 4 Jun 2019 18:07

Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.6	19.3	28.9
150	12.6	10.7	16.1



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 177.00 (176.70 to 177.70): E
 Ion 150.00 (149.70 to 150.70): E

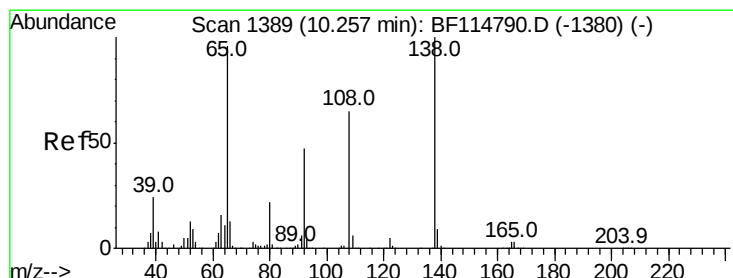
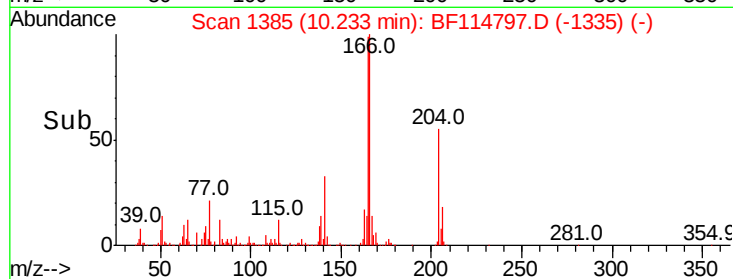
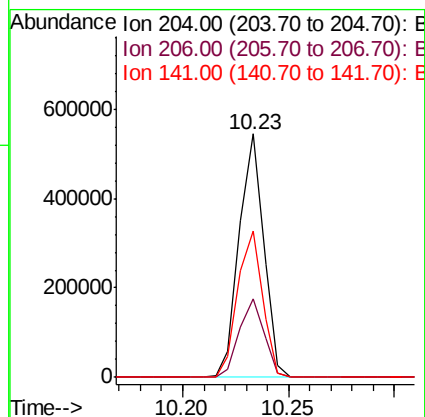
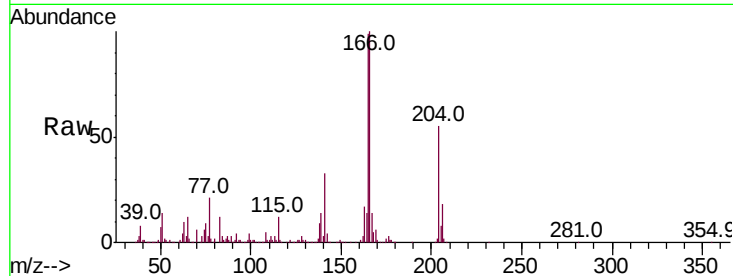




#61
4-Chlorophenyl-phenylether
Concen: 44.918 ng
RT: 10.23 min Scan# 1385
Delta R.T. -0.01 min
Lab File: BF114797.D
Acq: 4 Jun 2019 18:07

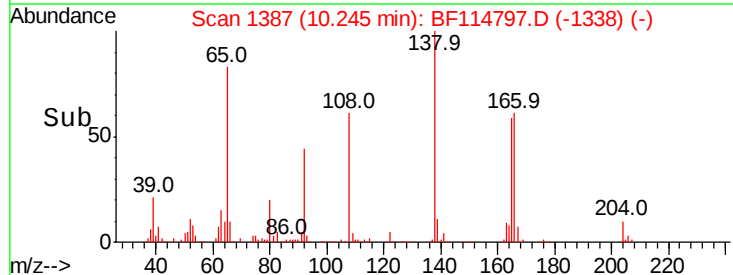
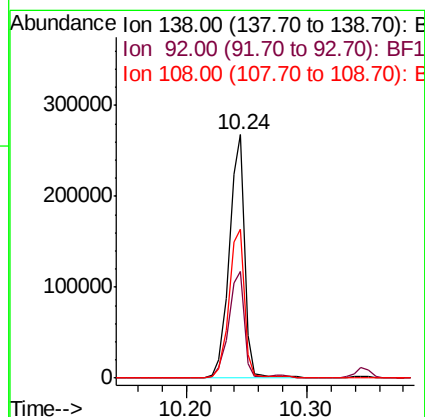
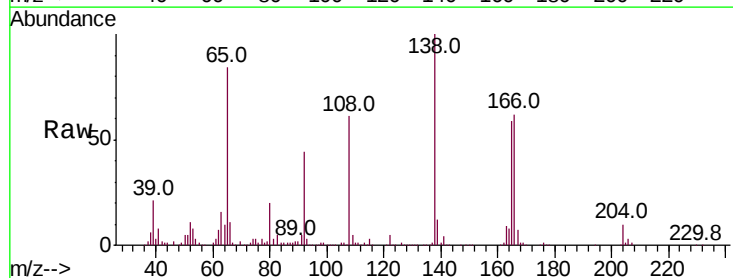
Instrument :
BNA_F
ClientSampleId :
CL-02-053119-AMS

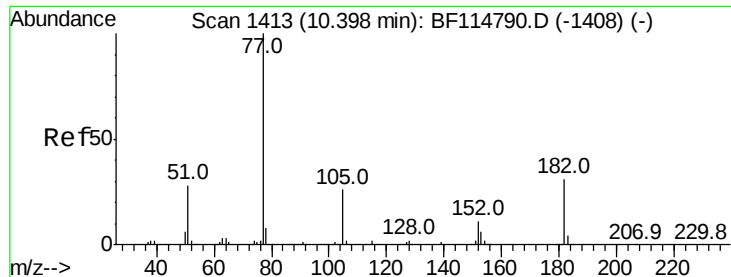
Tot Ion:204 Resp: 437718
Ion Ratio Lower Upper
204 100
206 32.4 26.5 39.7
141 60.2 51.0 76.4



#62
4-Nitroaniline
Concen: 39.794 ng
RT: 10.24 min Scan# 1387
Delta R.T. -0.01 min
Lab File: BF114797.D
Acq: 4 Jun 2019 18:07

Tgt Ion:138 Resp: 236866
Ion Ratio Lower Upper
138 100
92 43.8 26.5 66.5
108 61.4 45.4 85.4

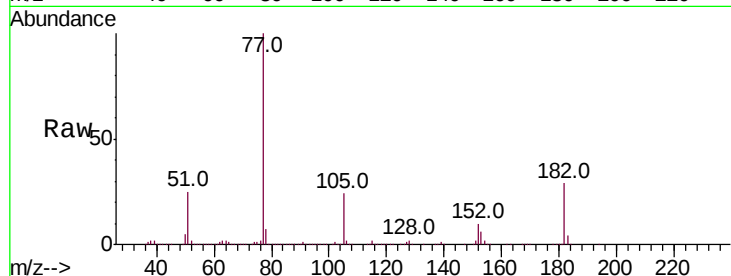




#63
Azobenzene
Concen: 46.548 ng
RT: 10.39 min Scan# 1412
Delta R.T. -0.01 min
Lab File: BF114797.D
Acq: 4 Jun 2019 18:07

Instrument :
BNA_F
ClientSampleId :
CL-02-053119-AMS

Tot Ion	Ratio	Lower	Upper
77	100		
182	29.4	11.2	51.2
105	24.5	5.7	45.7
51	25.4	8.0	48.0



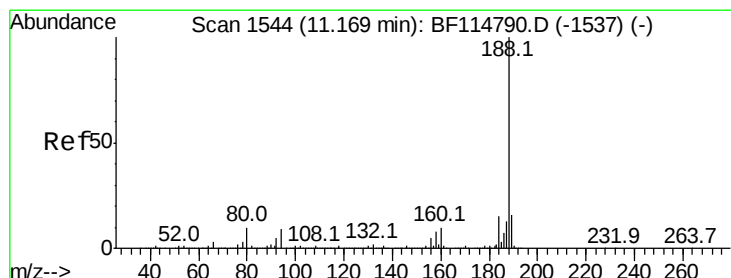
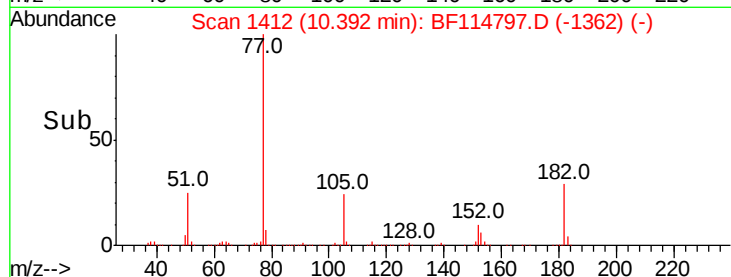
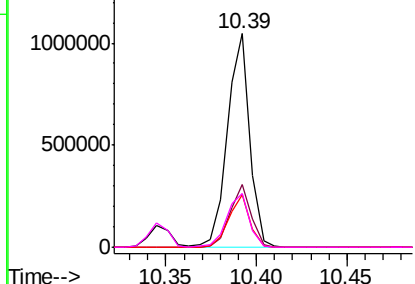
Abundance

Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

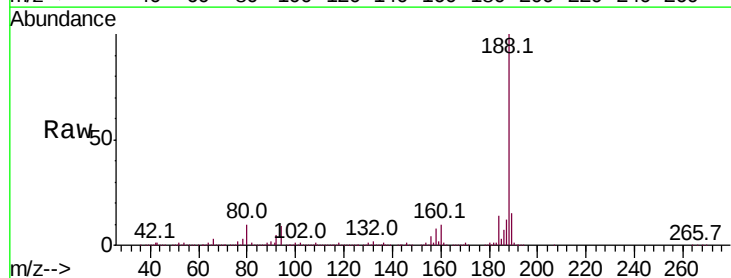
Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.16 min Scan# 1543
Delta R.T. -0.01 min
Lab File: BF114797.D
Acq: 4 Jun 2019 18:07

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.1	7.6	11.4
80	10.0	8.3	12.5

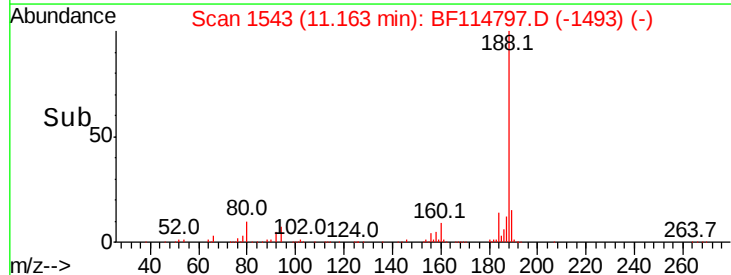
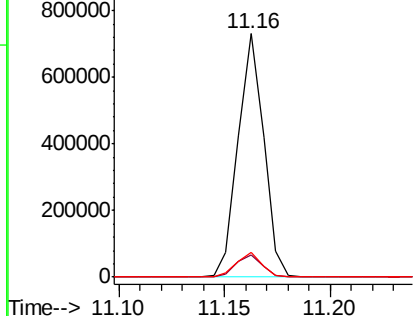


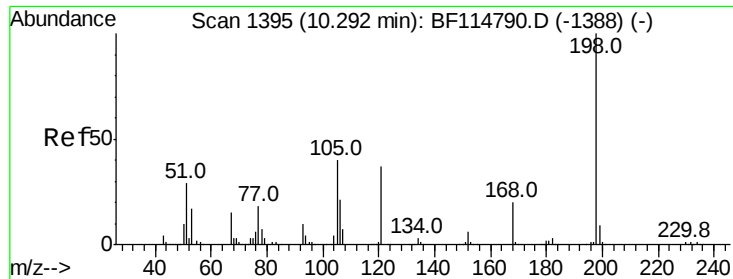
Abundance

Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

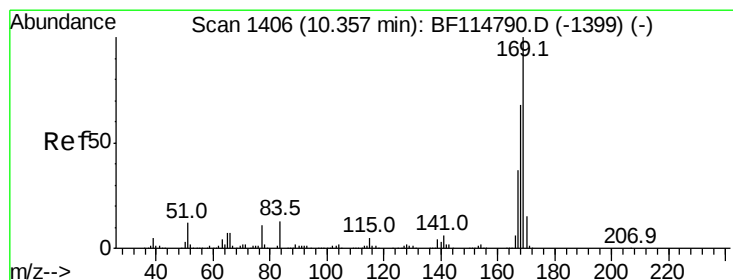
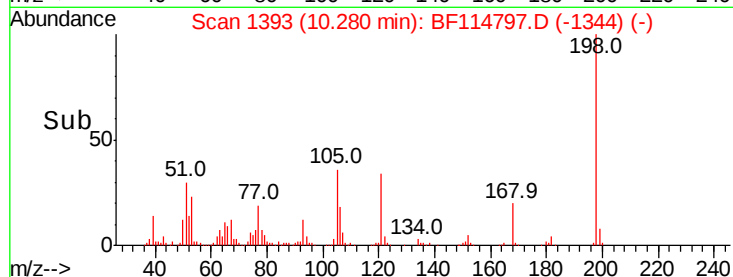
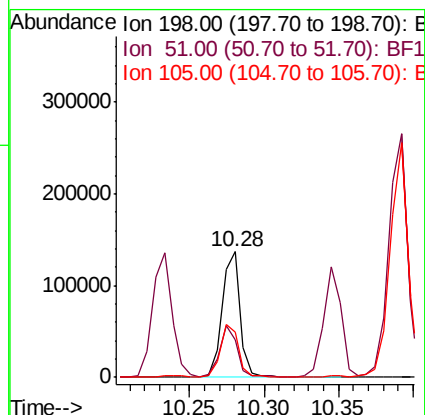
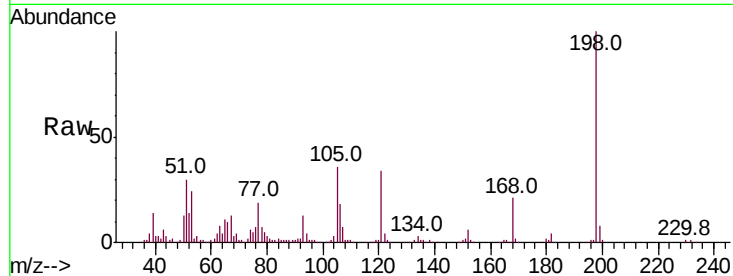




#65
4,6-Dinitro-2-methylphenol
Concen: 36.527 ng
RT: 10.28 min Scan# 1393
Delta R.T. -0.01 min
Lab File: BF114797.D
Acq: 4 Jun 2019 18:07

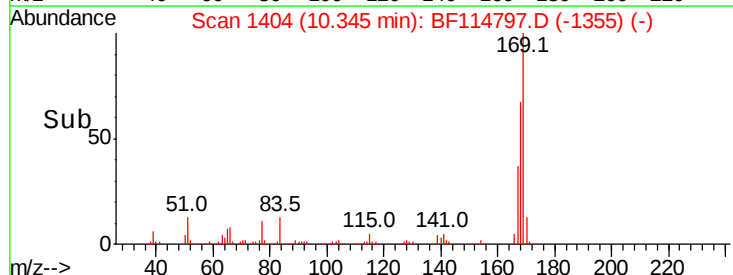
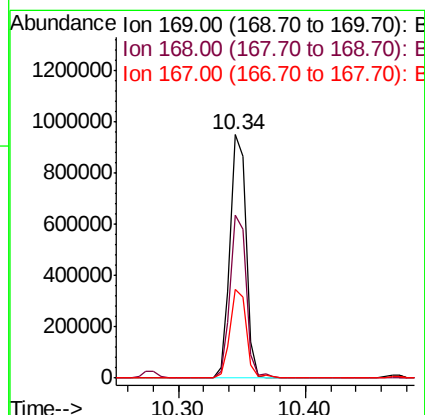
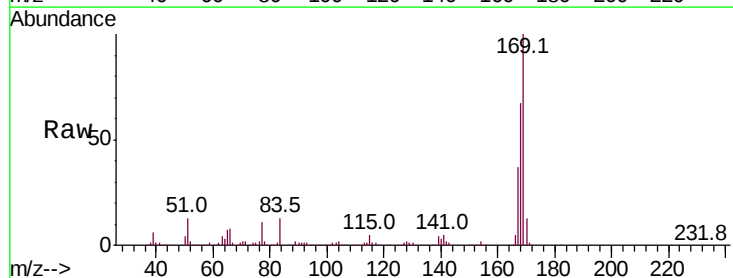
Instrument :
BNA_F
ClientSampleId :
CL-02-053119-AMS

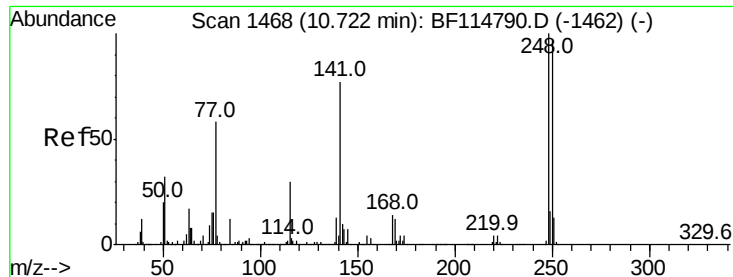
Tot Ion:198 Resp: 116652
Ion Ratio Lower Upper
198 100
51 30.2 14.9 54.9
105 35.7 21.0 61.0



#66
n-Nitrosodiphenylamine
Concen: 44.684 ng
RT: 10.34 min Scan# 1404
Delta R.T. -0.01 min
Lab File: BF114797.D
Acq: 4 Jun 2019 18:07

Tgt Ion:169 Resp: 830667
Ion Ratio Lower Upper
169 100
168 67.0 54.3 81.5
167 36.5 29.9 44.9

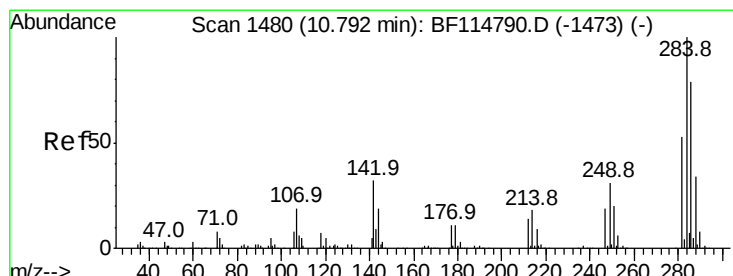
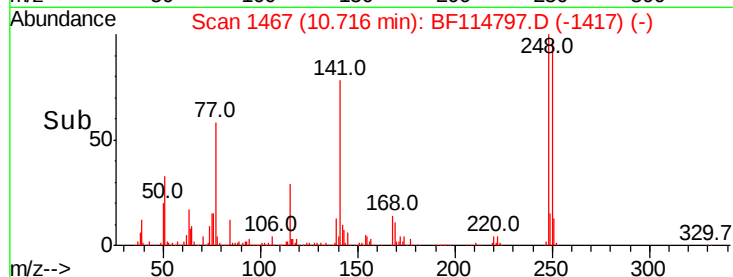
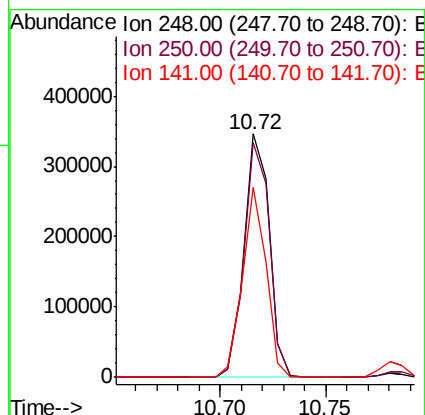
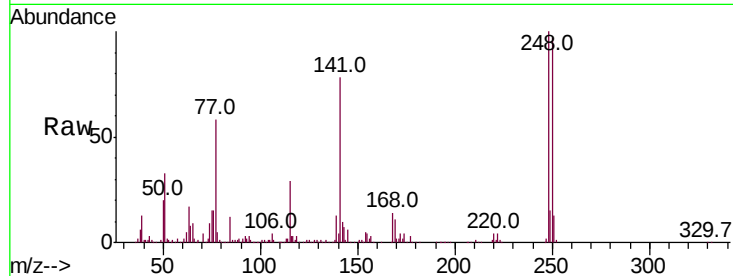




#67
4-Bromophenyl-phenylether
Concen: 40.951 ng
RT: 10.72 min Scan# 1467
Delta R.T. -0.01 min
Lab File: BF114797.D
Acq: 4 Jun 2019 18:07

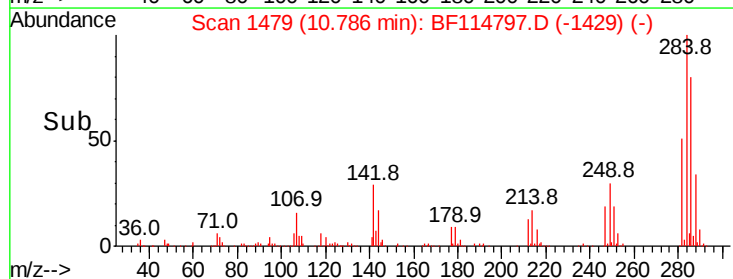
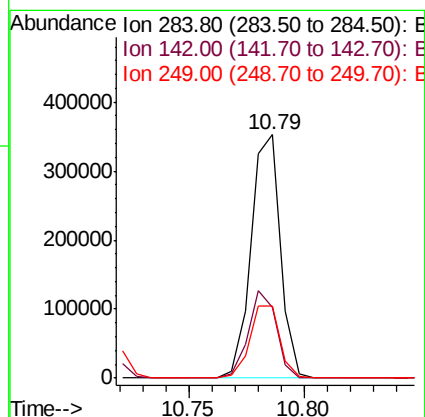
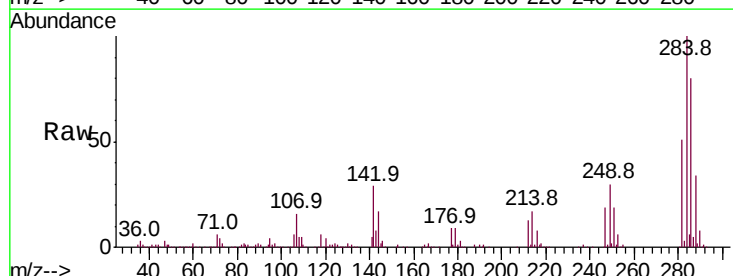
Instrument :
BNA_F
ClientSampleId :
CL-02-053119-AMS

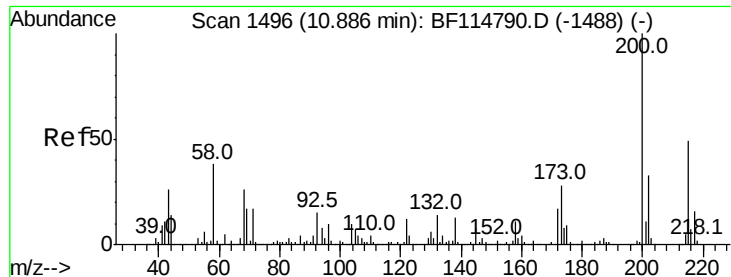
Tot Ion:248 Resp: 285937
Ion Ratio Lower Upper
248 100
250 96.6 77.5 116.3
141 77.7 61.8 92.8



#68
Hexachlorobenzene
Concen: 40.971 ng
RT: 10.79 min Scan# 1479
Delta R.T. -0.01 min
Lab File: BF114797.D
Acq: 4 Jun 2019 18:07

Tgt Ion:284 Resp: 313094
Ion Ratio Lower Upper
284 100
142 29.1 25.3 37.9
249 29.5 24.9 37.3

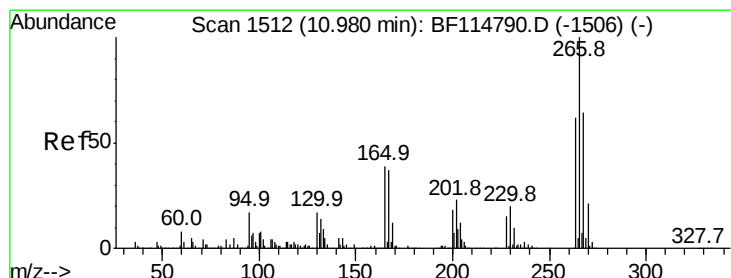
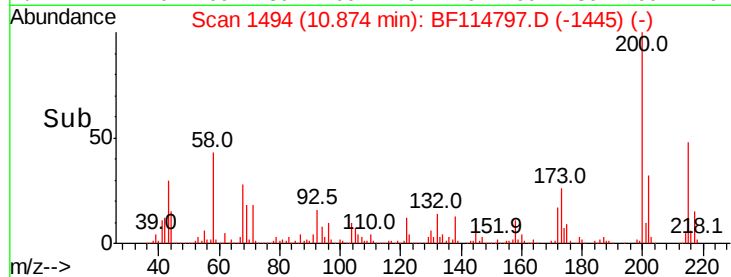
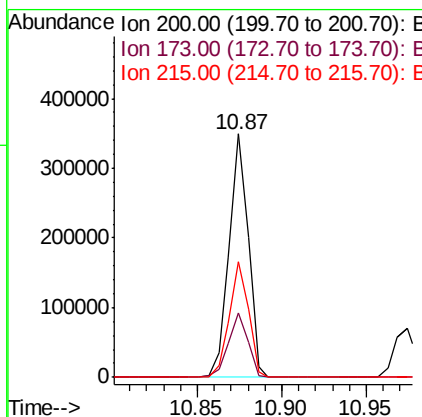
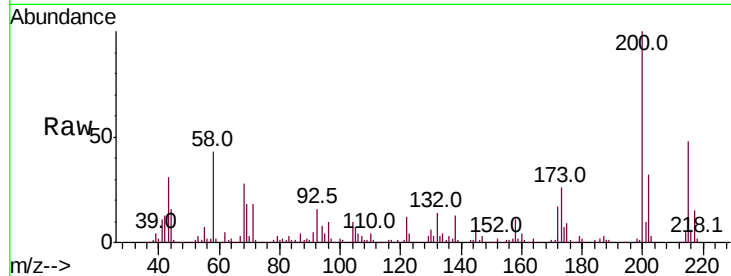




#69
 Atrazine
 Concen: 42.395 ng
 RT: 10.87 min Scan# 1494
 Delta R.T. -0.01 min
 Lab File: BF114797.D
 Acq: 4 Jun 2019 18:07

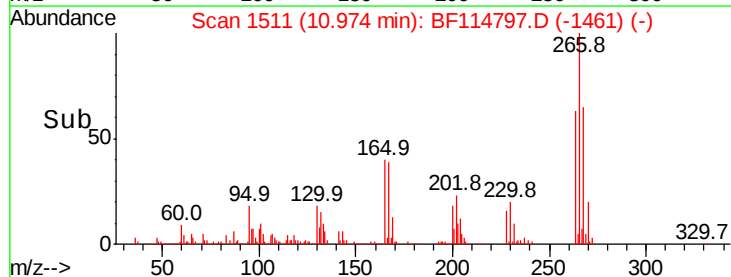
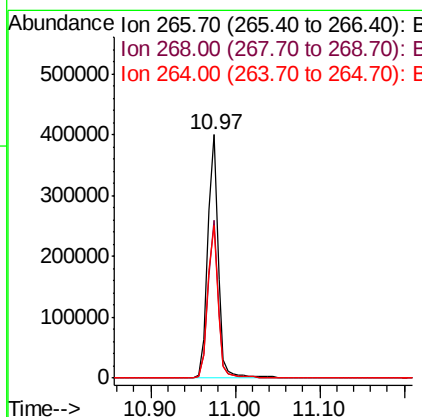
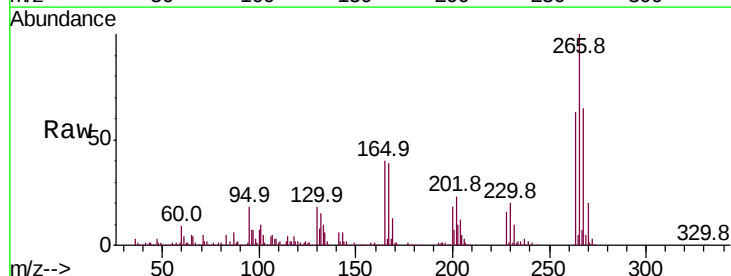
Instrument :
 BNA_F
 ClientSampleId :
 CL-02-053119-AMS

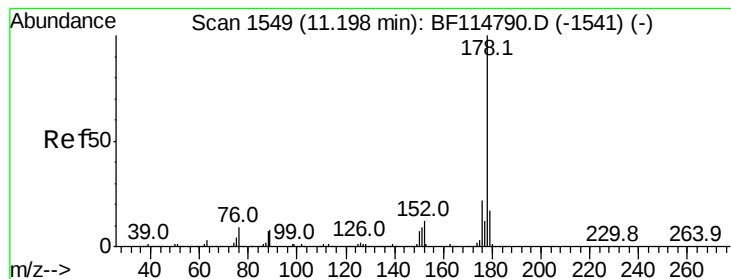
Tot Ion	Ratio	Lower	Upper
200	100		
173	26.4	8.0	48.0
215	47.6	28.7	68.7



#70
 Pentachlorophenol
 Concen: 79.445 ng
 RT: 10.97 min Scan# 1511
 Delta R.T. -0.01 min
 Lab File: BF114797.D
 Acq: 4 Jun 2019 18:07

Tgt Ion	Ratio	Lower	Upper
266	100		
268	64.9	51.0	76.6
264	62.6	49.6	74.4





#71

Phenanthrene

Concen: 49.243 ng

RT: 11.19 min Scan# 1547

Delta R.T. -0.01 min

Lab File: BF114797.D

Acq: 4 Jun 2019 18:07

Instrument :

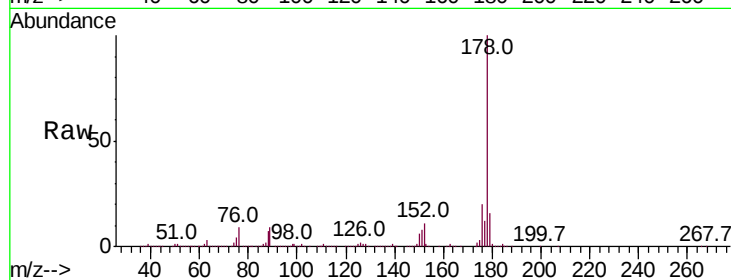
BNA_F

ClientSampleId :

CL-02-053119-AMS

Tot Ion:178 Resp: 1445247

Ion	Ratio	Lower	Upper
178	100		
176	20.4	17.7	26.5
179	16.4	13.7	20.5

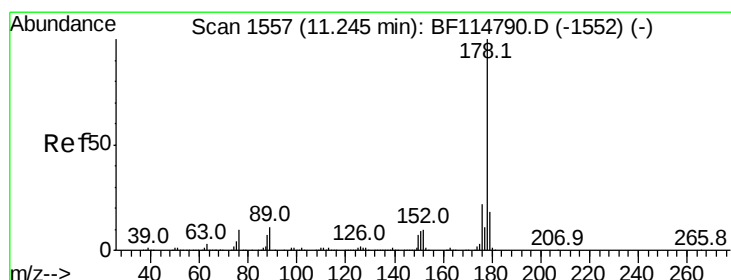
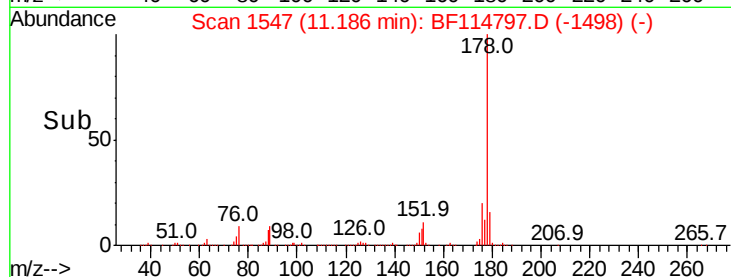
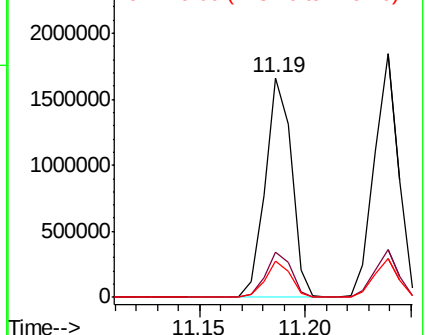


Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 47.882 ng

RT: 11.24 min Scan# 1556

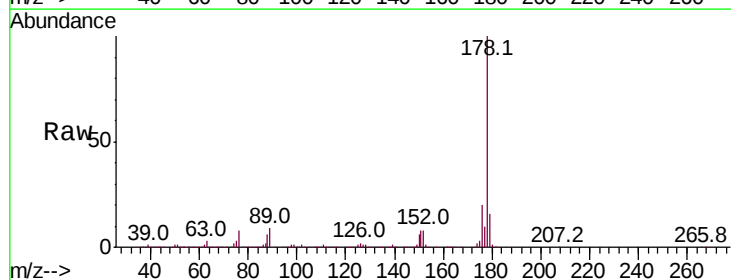
Delta R.T. -0.01 min

Lab File: BF114797.D

Acq: 4 Jun 2019 18:07

Tgt Ion:178 Resp: 1478934

Ion	Ratio	Lower	Upper
178	100		
176	19.8	17.4	26.0
179	16.1	14.2	21.4

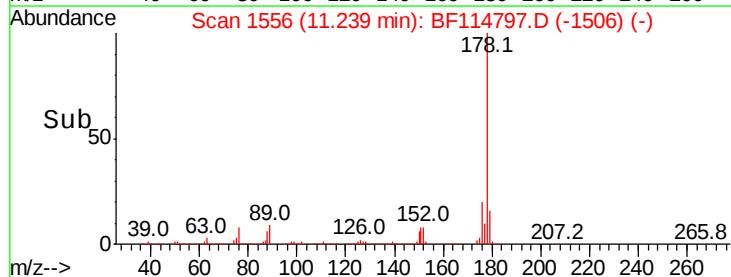
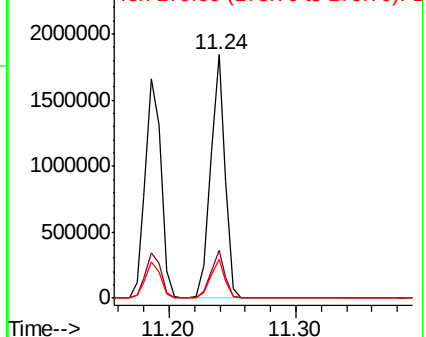


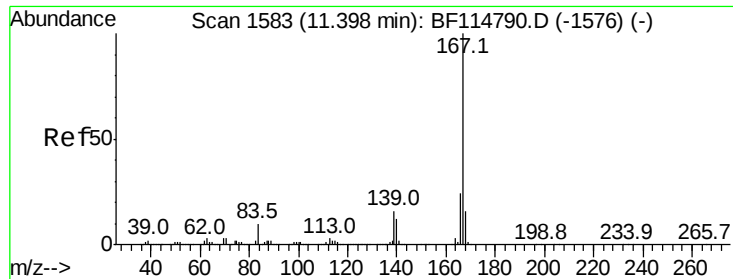
Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

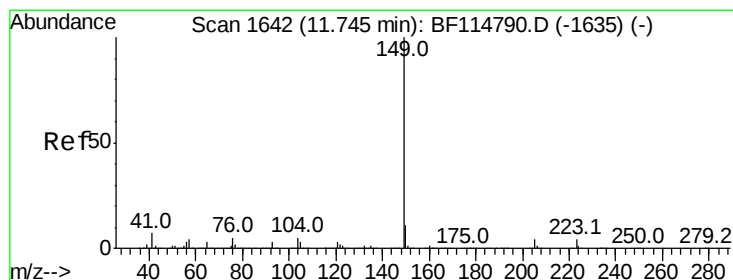
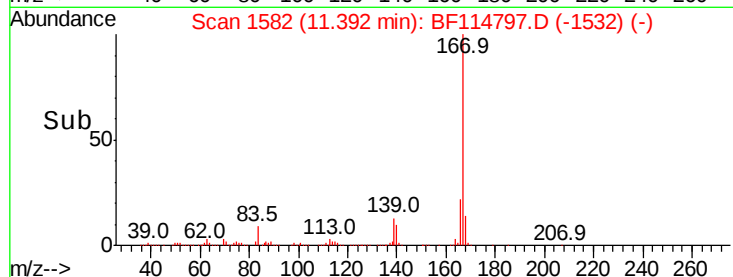
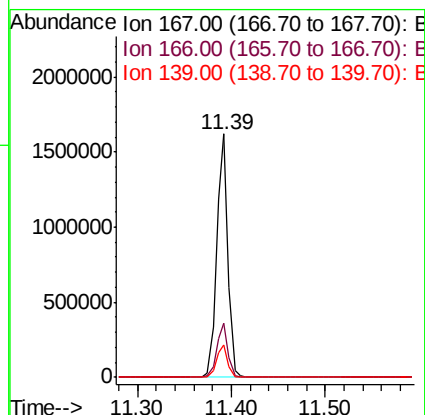
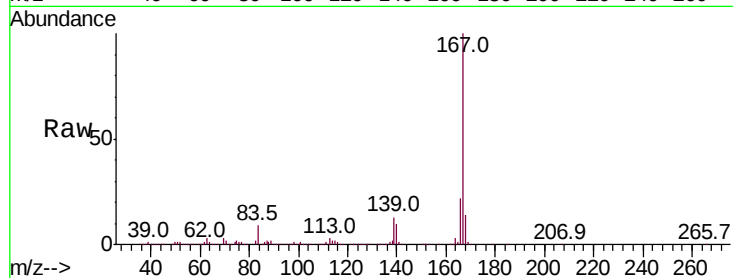




#73
 Carbazole
 Concen: 51.348 ng
 RT: 11.39 min Scan# 1582
 Delta R.T. -0.01 min
 Lab File: BF114797.D
 Acq: 4 Jun 2019 18:07

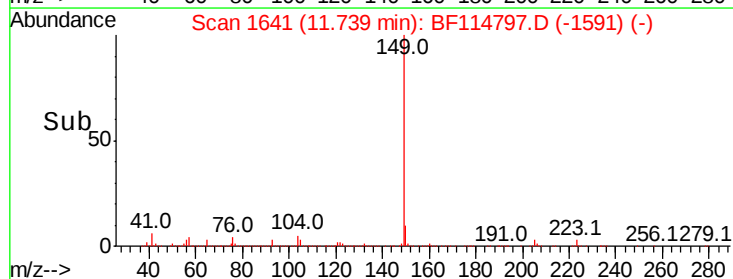
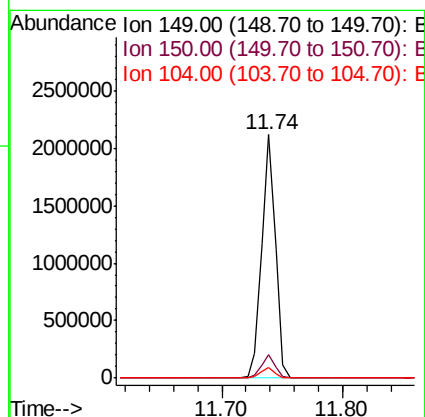
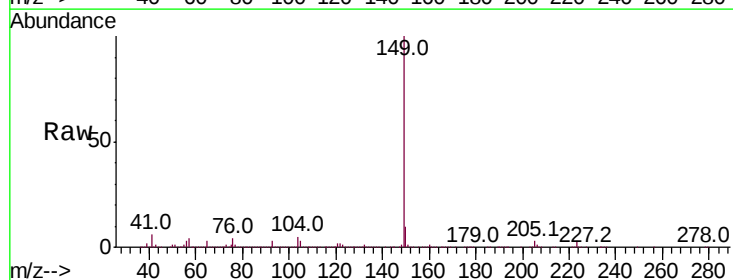
Instrument :
 BNA_F
 ClientSampleId :
 CL-02-053119-AMS

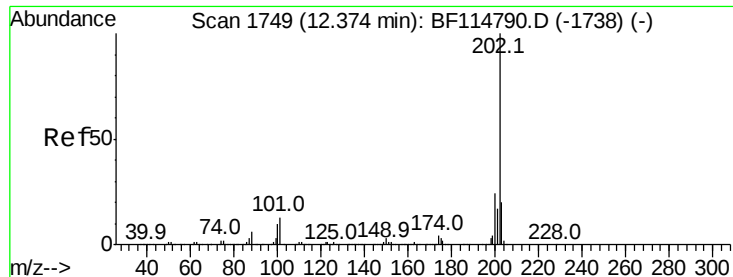
Tot Ion:167 Resp: 1359580
 Ion Ratio Lower Upper
 167 100
 166 22.1 19.1 28.7
 139 13.4 12.4 18.6



#74
 Di-n-butylphthalate
 Concen: 48.238 ng
 RT: 11.74 min Scan# 1641
 Delta R.T. -0.01 min
 Lab File: BF114797.D
 Acq: 4 Jun 2019 18:07

Tgt Ion:149 Resp: 1679923
 Ion Ratio Lower Upper
 149 100
 150 9.7 8.9 13.3
 104 4.6 4.3 6.5





#75

Fluoranthene

Concen: 51.046 ng

RT: 12.37 min Scan# 1748

Delta R.T. -0.01 min

Lab File: BF114797.D

Acq: 4 Jun 2019 18:07

Instrument :

BNA_F

ClientSampleId :

CL-02-053119-AMS

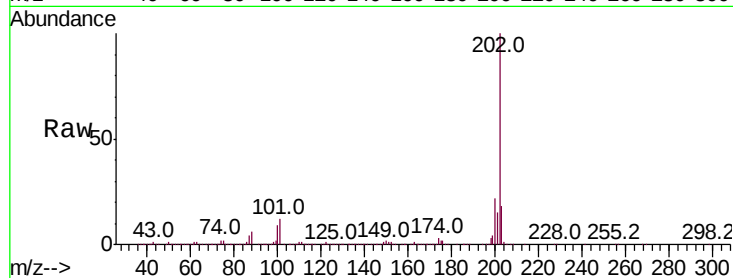
Tot Ion:202 Resp: 1559315

Ion Ratio Lower Upper

202 100

101 12.1 0.0 32.8

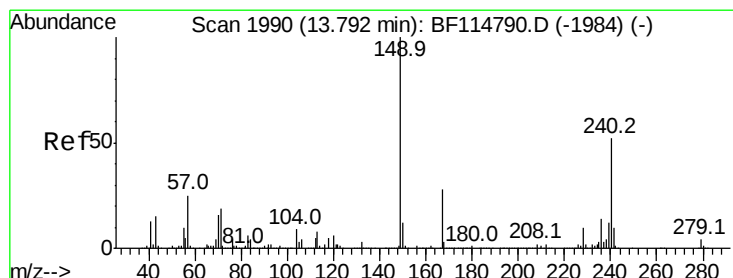
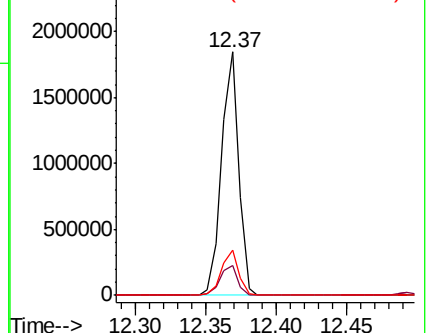
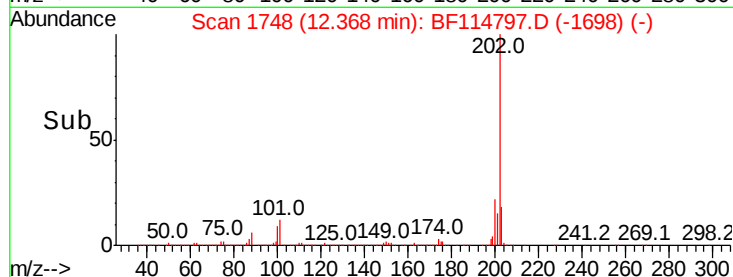
203 18.5 0.2 40.2



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.79 min Scan# 1989

Delta R.T. -0.01 min

Lab File: BF114797.D

Acq: 4 Jun 2019 18:07

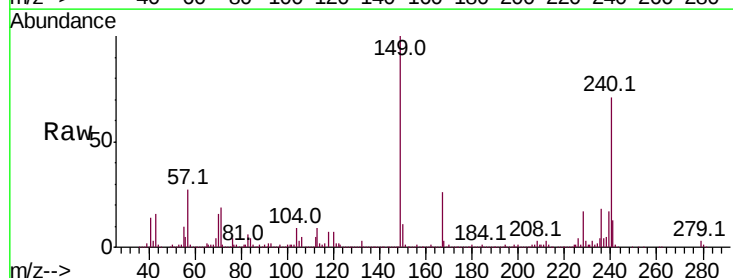
Tgt Ion:240 Resp: 510032

Ion Ratio Lower Upper

240 100

120 10.5 9.0 13.4

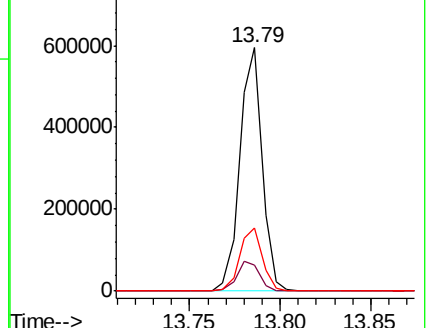
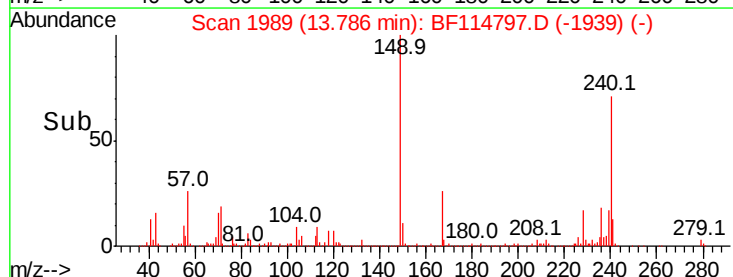
236 26.2 21.4 32.0

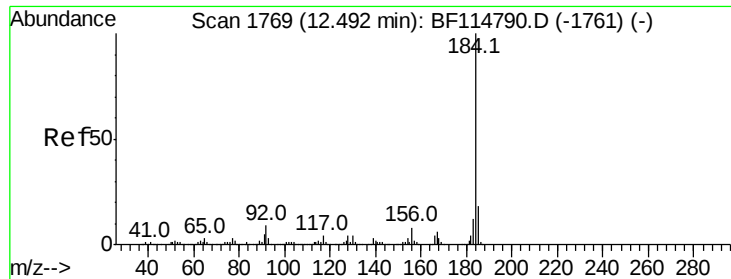


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 7.410 ng

RT: 12.49 min Scan# 1768

Delta R.T. -0.01 min

Lab File: BF114797.D

Acq: 4 Jun 2019 18:07

Instrument :

BNA_F

ClientSampleId :

CL-02-053119-AMS

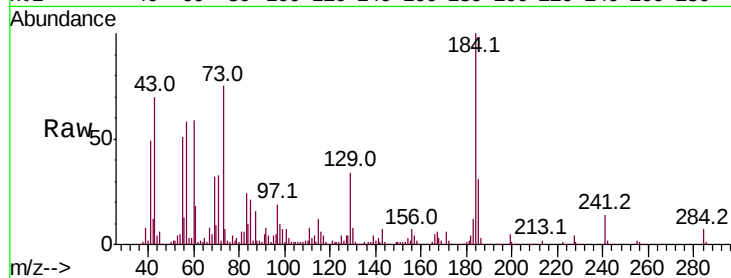
Tot Ion:184 Resp: 187101

Ion Ratio Lower Upper

184 100

185 30.9 14.1 21.1#

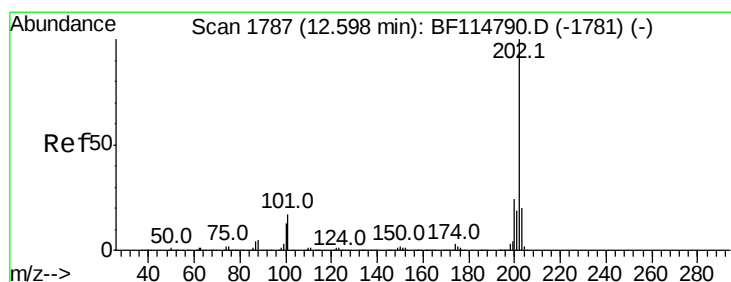
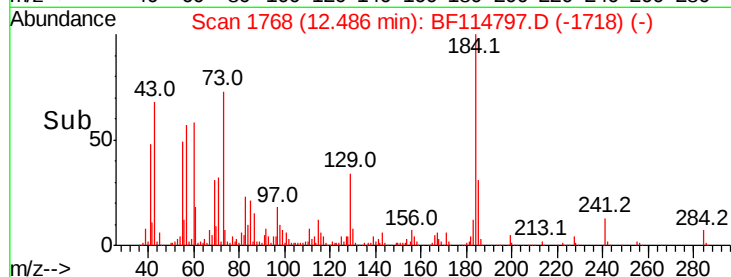
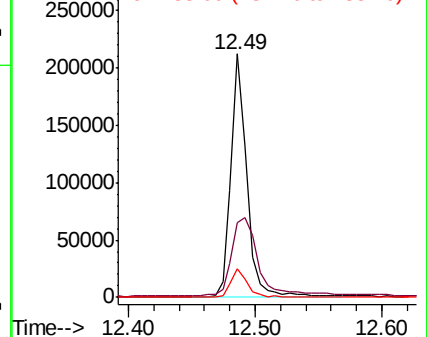
183 11.6 9.9 14.9



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 35.690 ng

RT: 12.59 min Scan# 1786

Delta R.T. -0.01 min

Lab File: BF114797.D

Acq: 4 Jun 2019 18:07

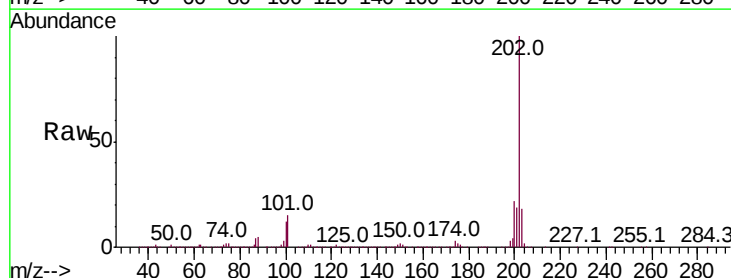
Tgt Ion:202 Resp: 1579122

Ion Ratio Lower Upper

202 100

200 22.3 19.2 28.8

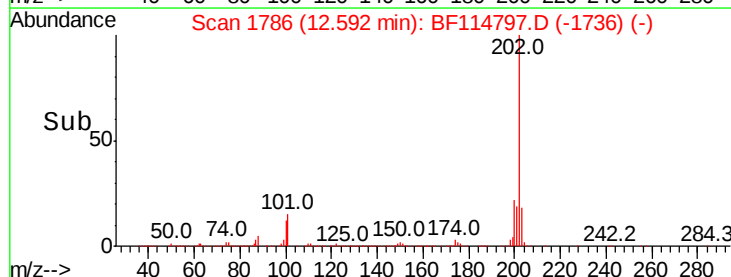
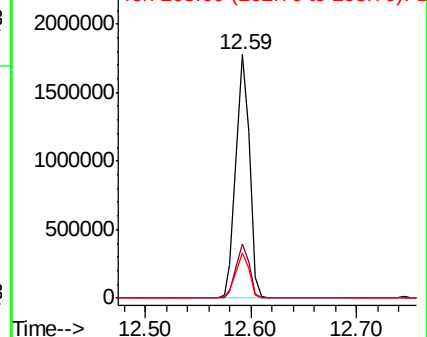
203 18.5 15.9 23.9

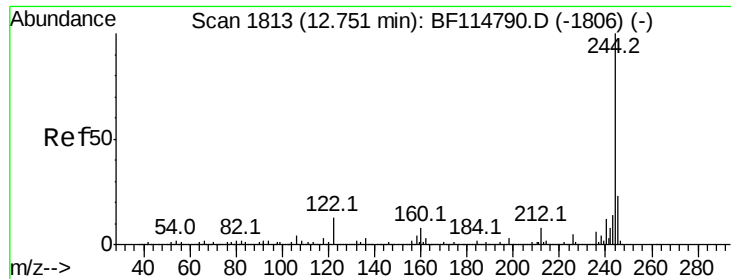


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 83.675 ng

RT: 12.74 min Scan# 1812

Delta R.T. -0.01 min

Lab File: BF114797.D

Acq: 4 Jun 2019 18:07

Instrument :

BNA_F

ClientSampleId :

CL-02-053119-AMS

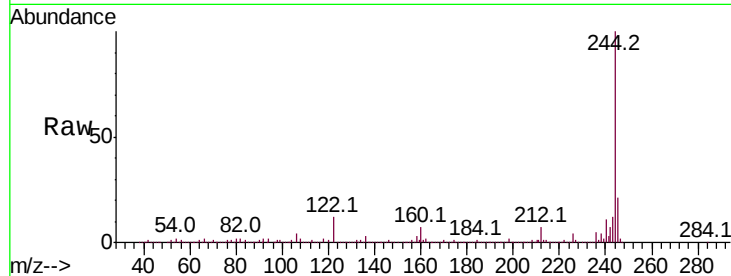
Tot Ion:244 Resp: 2194457

Ion Ratio Lower Upper

244 100

212 7.2 6.5 9.7

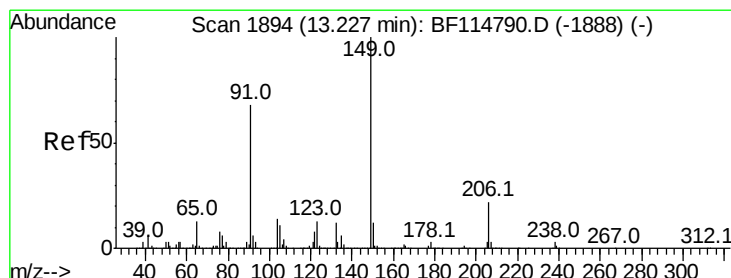
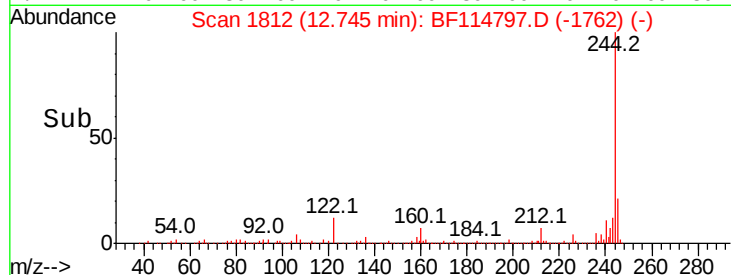
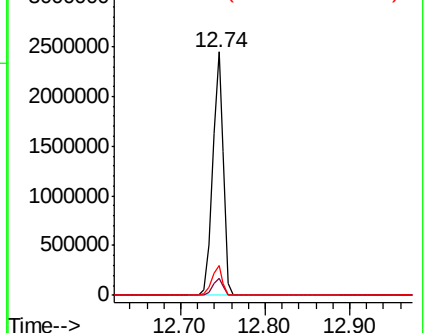
122 12.3 10.5 15.7



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 35.305 ng

RT: 13.23 min Scan# 1894

Delta R.T. -0.00 min

Lab File: BF114797.D

Acq: 4 Jun 2019 18:07

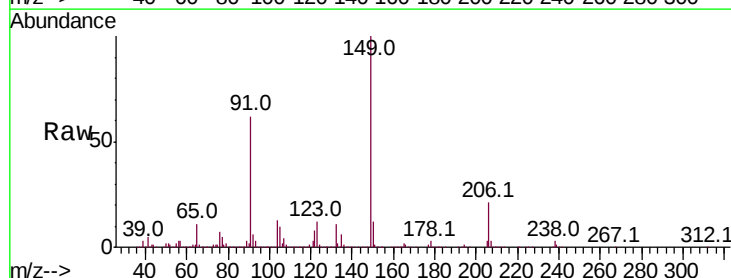
Tgt Ion:149 Resp: 788827

Ion Ratio Lower Upper

149 100

91 62.2 54.6 82.0

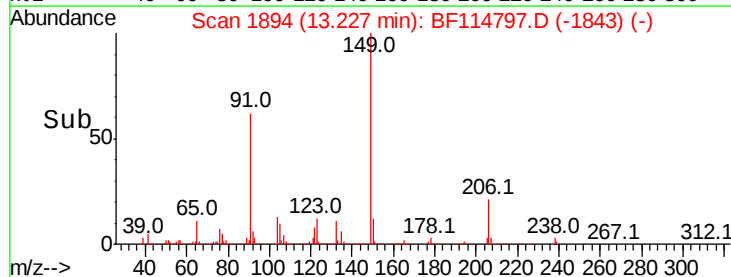
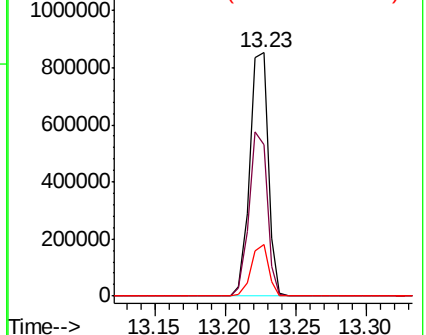
206 21.2 17.2 25.8

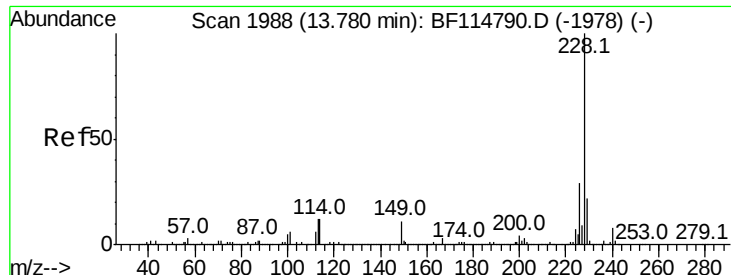


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 38.799 ng

RT: 13.77 min Scan# 1987

Delta R.T. -0.01 min

Lab File: BF114797.D

Acq: 4 Jun 2019 18:07

Instrument :

BNA_F

ClientSampleId :

CL-02-053119-AMS

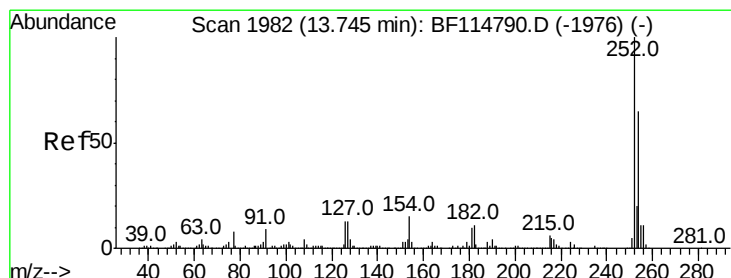
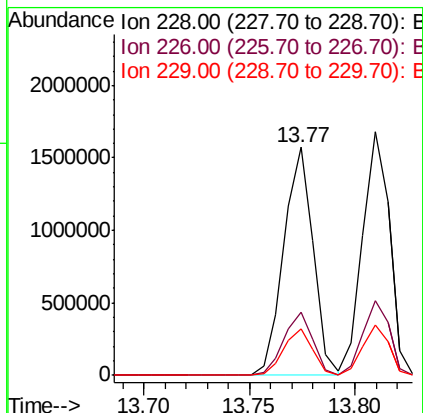
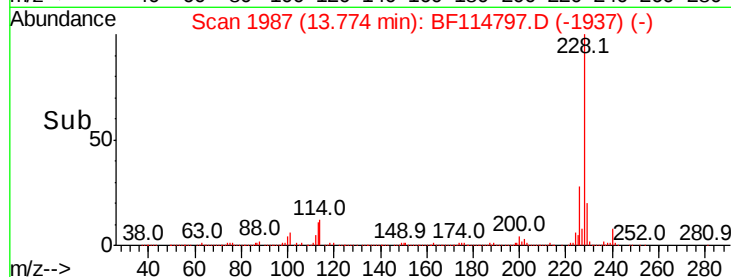
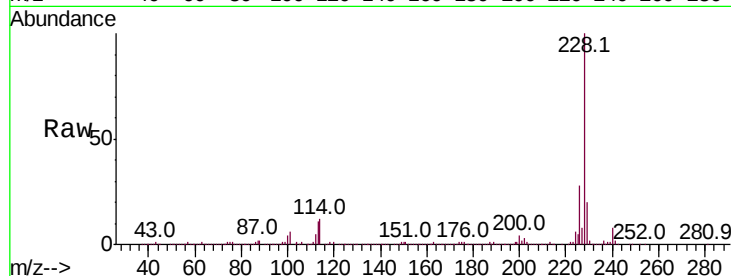
Tot Ion:228 Resp: 1524939

Ion	Ratio	Lower	Upper
228	100		
226	27.7	23.4	35.2
229	20.3	17.4	26.0

228 100

226 27.7 23.4 35.2

229 20.3 17.4 26.0



#82

3,3'-Dichlorobenzidine

Concen: 14.451 ng

RT: 13.74 min Scan# 1981

Delta R.T. -0.01 min

Lab File: BF114797.D

Acq: 4 Jun 2019 18:07

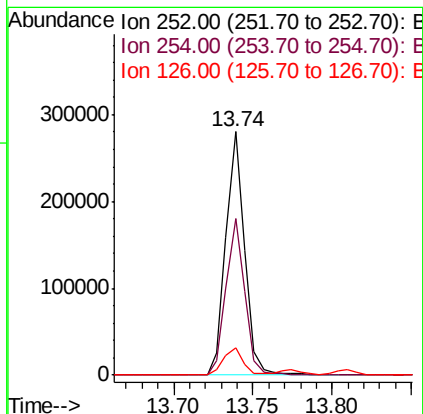
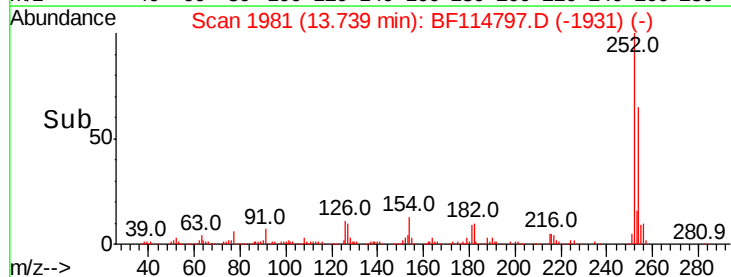
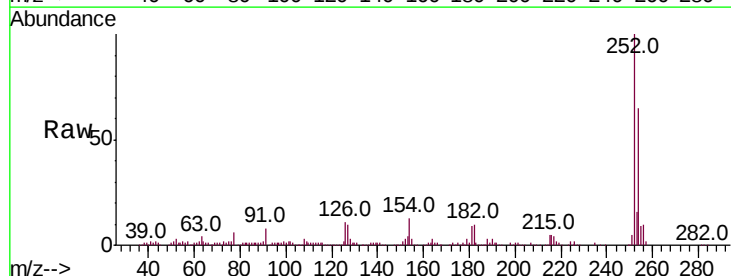
Tgt Ion:252 Resp: 230307

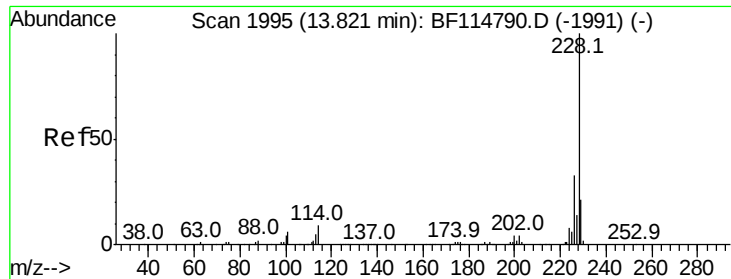
Ion	Ratio	Lower	Upper
252	100		
254	64.5	51.9	77.9
126	11.2	10.5	15.7

252 100

254 64.5 51.9 77.9

126 11.2 10.5 15.7





#83

Chrysene

Concen: 39.426 ng

RT: 13.81 min Scan# 1993

Delta R.T. -0.01 min

Lab File: BF114797.D

Acq: 4 Jun 2019 18:07

Instrument :

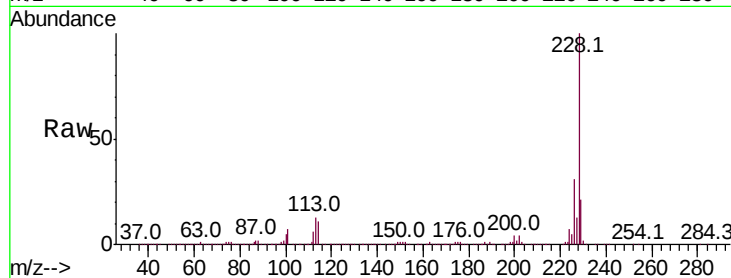
BNA_F

ClientSampleId :

CL-02-053119-AMS

Tot Ion:228 Resp: 1507415

Ion	Ratio	Lower	Upper
228	100		
226	30.9	26.0	39.0
229	20.5	17.1	25.7

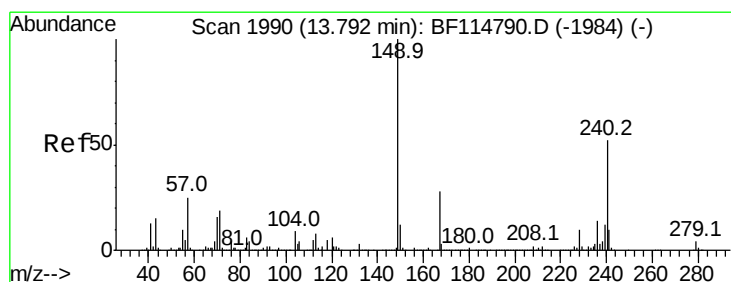
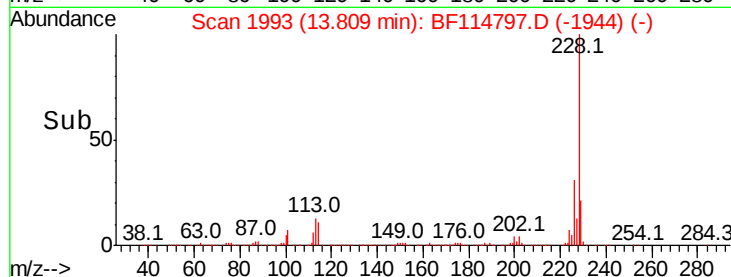
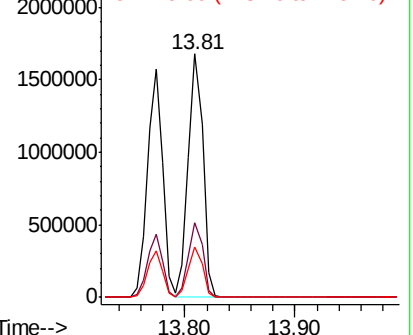


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 39.075 ng

RT: 13.79 min Scan# 1990

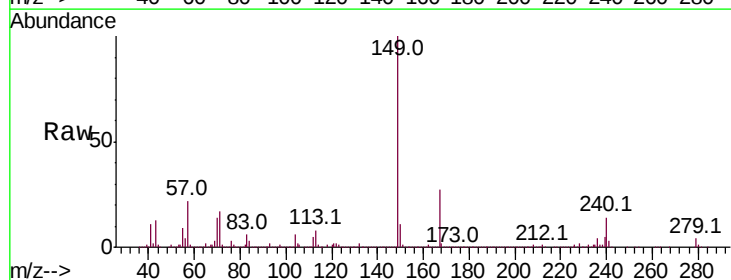
Delta R.T. -0.00 min

Lab File: BF114797.D

Acq: 4 Jun 2019 18:07

Tgt Ion:149 Resp: 1103994

Ion	Ratio	Lower	Upper
149	100		
167	27.5	22.7	34.1
279	4.1	3.1	4.7

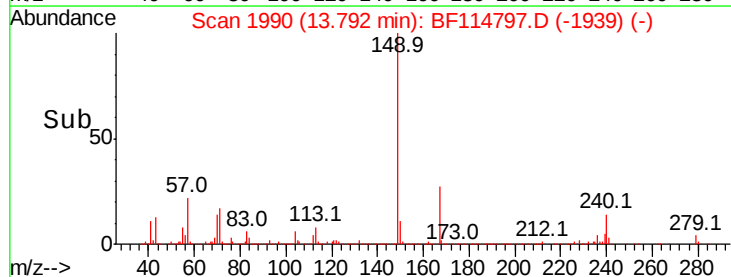
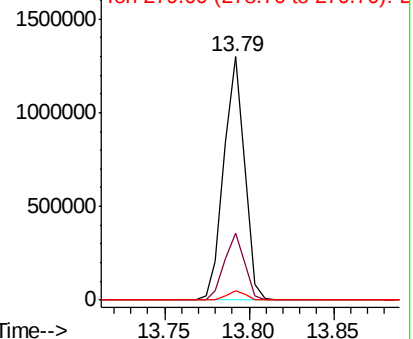


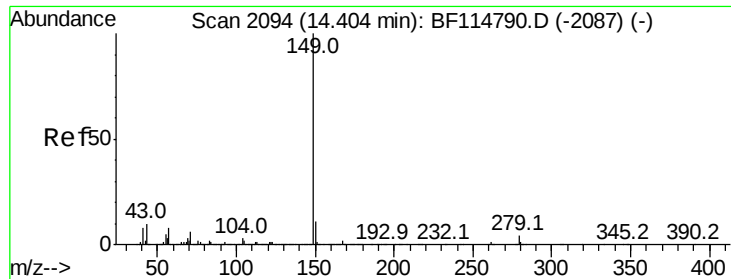
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 39.502 ng

RT: 14.40 min Scan# 2093

Delta R.T. -0.01 min

Lab File: BF114797.D

Acq: 4 Jun 2019 18:07

Instrument :

BNA_F

ClientSampleId :

CL-02-053119-AMS

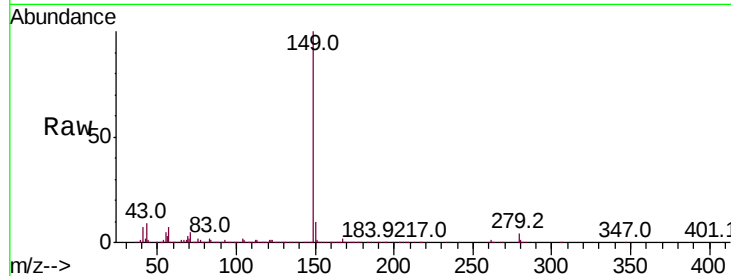
Tot Ion:149 Resp: 1896350

Ion Ratio Lower Upper

149 100

167 1.6 1.4 2.0

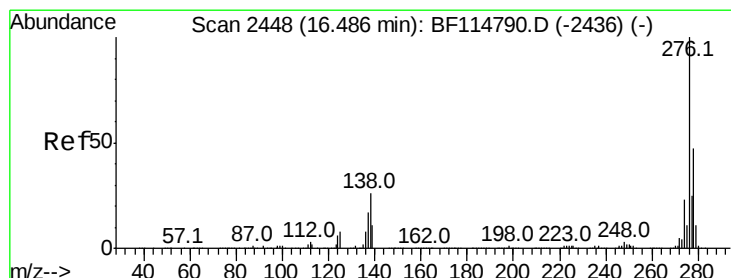
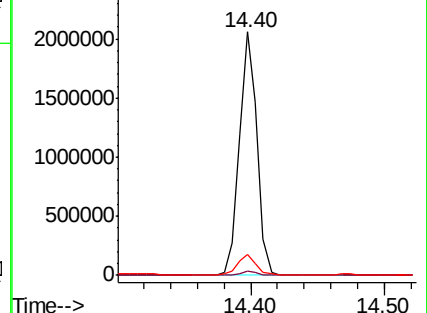
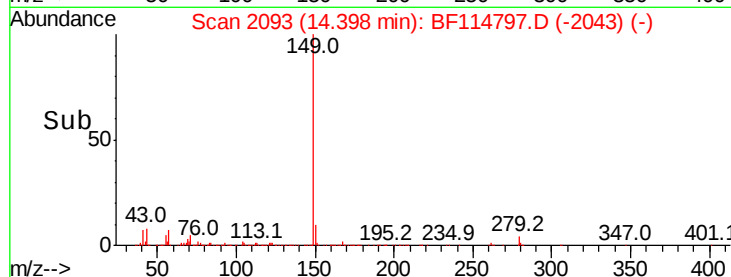
43 8.1 7.0 10.6



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 42.155 ng

RT: 16.47 min Scan# 2445

Delta R.T. -0.02 min

Lab File: BF114797.D

Acq: 4 Jun 2019 18:07

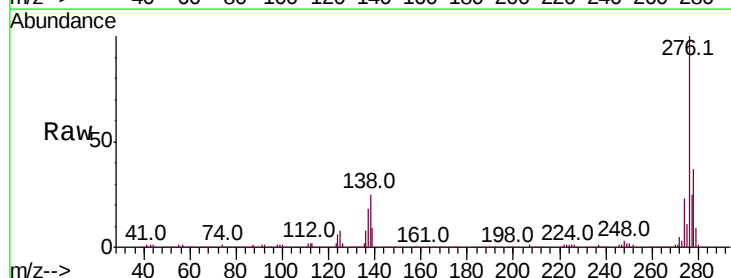
Tgt Ion:276 Resp: 1839008

Ion Ratio Lower Upper

276 100

138 28.0 22.2 33.4

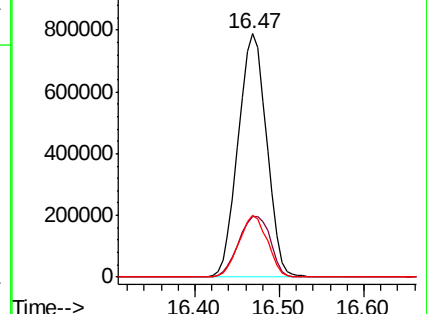
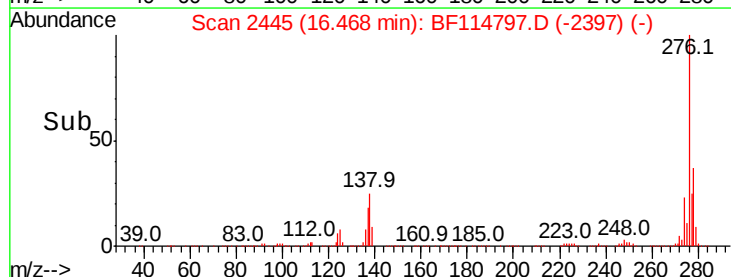
277 25.5 20.6 30.8

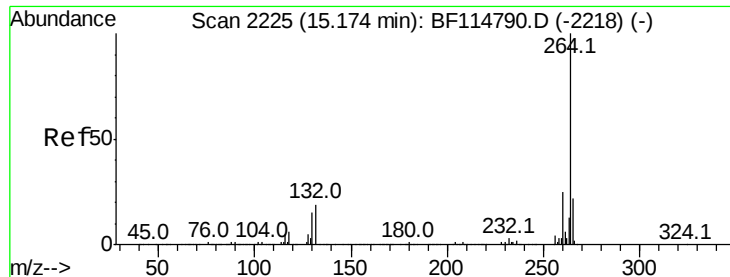


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

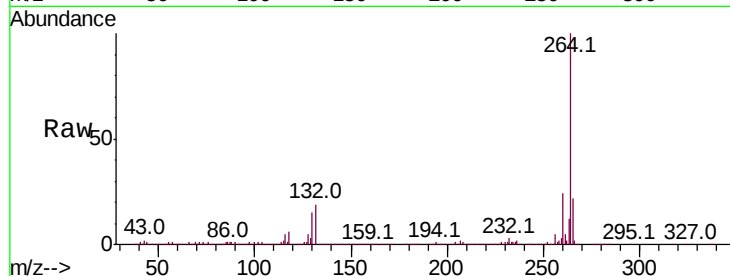




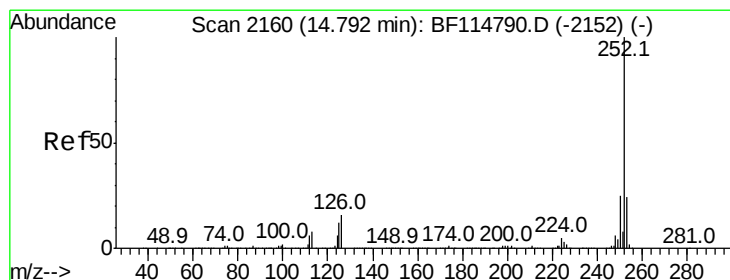
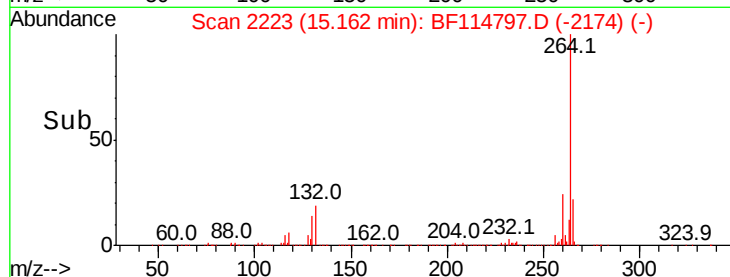
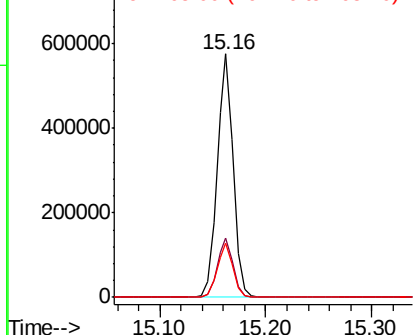
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.16 min Scan# 2223
Delta R.T. -0.01 min
Lab File: BF114797.D
Acq: 4 Jun 2019 18:07

Instrument :
BNA_F
ClientSampleId :
CL-02-053119-AMS

Tot Ion:264 Resp: 615109
Ion Ratio Lower Upper
264 100
260 24.3 20.1 30.1
265 22.5 17.7 26.5

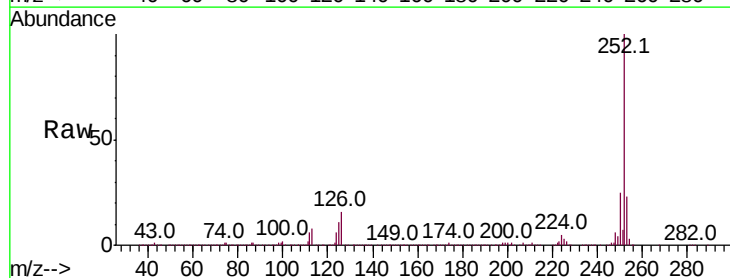


Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

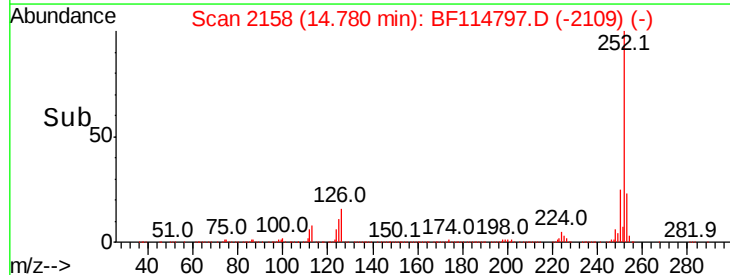
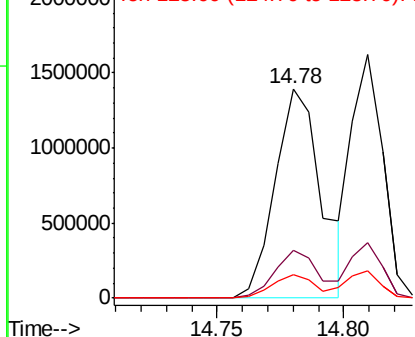


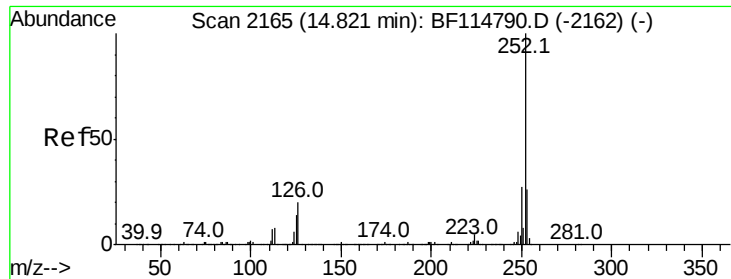
#88
Benzo(b)fluoranthene
Concen: 44.992 ng
RT: 14.78 min Scan# 2158
Delta R.T. -0.01 min
Lab File: BF114797.D
Acq: 4 Jun 2019 18:07

Tgt Ion:252 Resp: 1761851
Ion Ratio Lower Upper
252 100
253 22.9 19.0 28.6
125 11.5 9.4 14.0



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

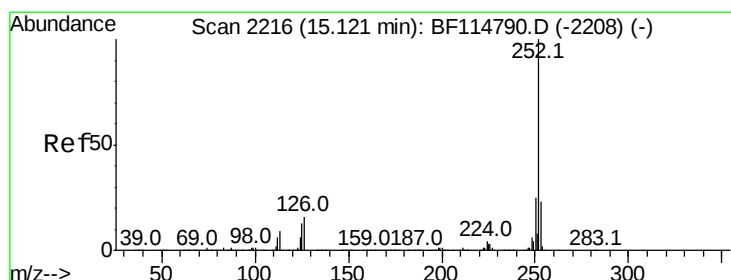
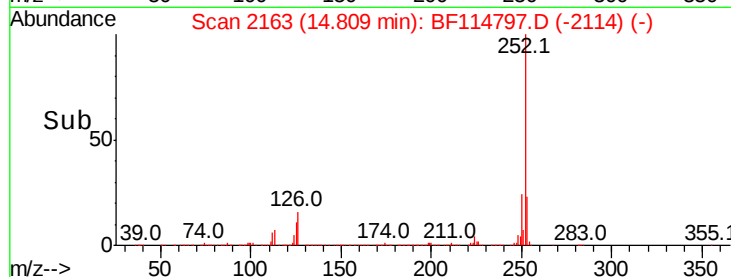
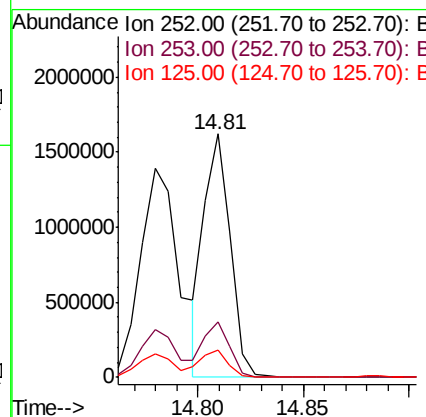
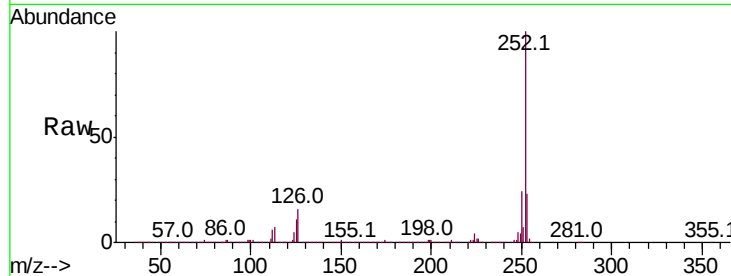




#89
Benzo(k)fluoranthene
Concen: 42.092 ng
RT: 14.81 min Scan# 2163
Delta R.T. -0.01 min
Lab File: BF114797.D
Acq: 4 Jun 2019 18:07

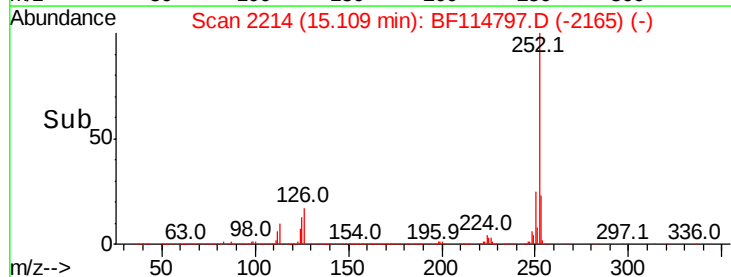
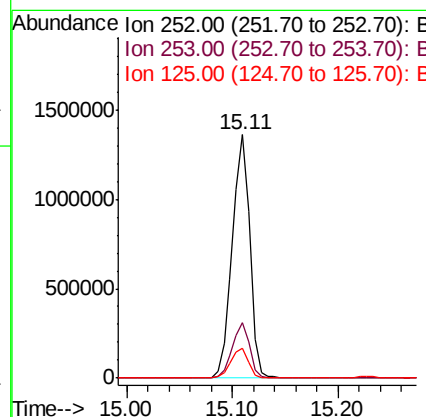
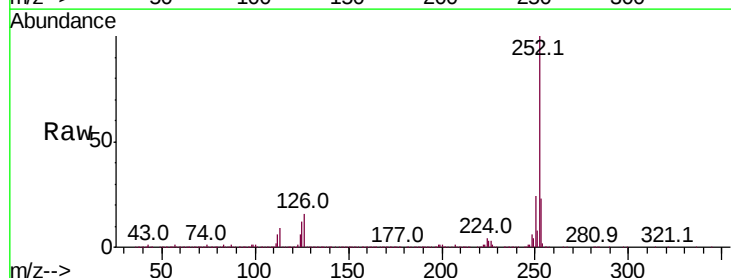
Instrument :
BNA_F
ClientSampleId :
CL-02-053119-AMS

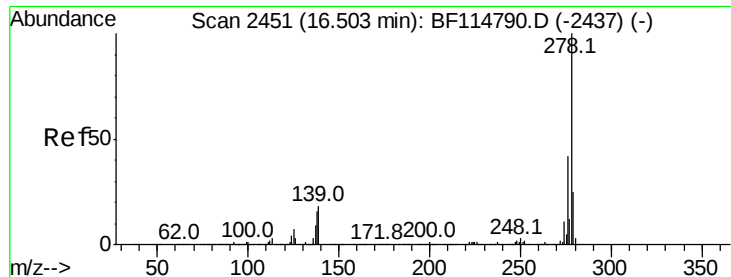
Tot Ion:252 Resp: 1399735
Ion Ratio Lower Upper
252 100
253 23.0 19.3 28.9
125 11.3 10.1 15.1



#90
Benzo(a)pyrene
Concen: 46.080 ng
RT: 15.11 min Scan# 2214
Delta R.T. -0.01 min
Lab File: BF114797.D
Acq: 4 Jun 2019 18:07

Tgt Ion:252 Resp: 1561797
Ion Ratio Lower Upper
252 100
253 22.5 18.5 27.7
125 12.4 10.1 15.1





#91

Dibenzo(a,h)anthracene

Concen: 47.897 ng

RT: 16.49 min Scan# 2448

Delta R.T. -0.02 min

Lab File: BF114797.D

Acq: 4 Jun 2019 18:07

Instrument :

BNA_F

ClientSampleId :

CL-02-053119-AMS

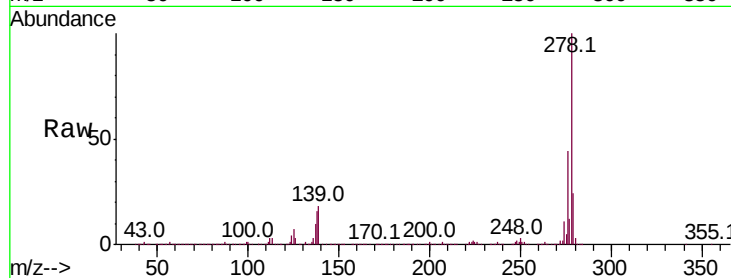
Tot Ion:278 Resp: 1537388

Ion	Ratio	Lower	Upper
278	100		
139	18.3	14.6	22.0
279	24.3	20.1	30.1

278 100

139 18.3 14.6 22.0

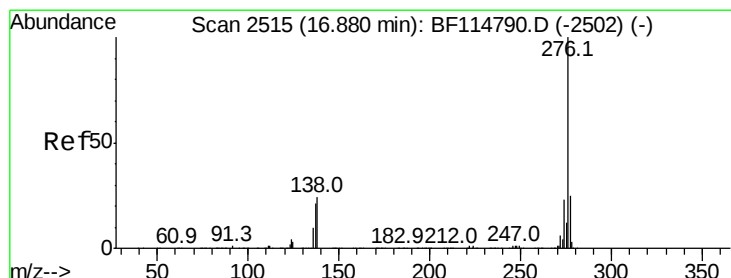
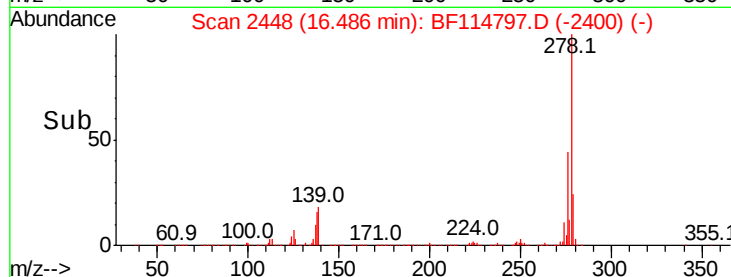
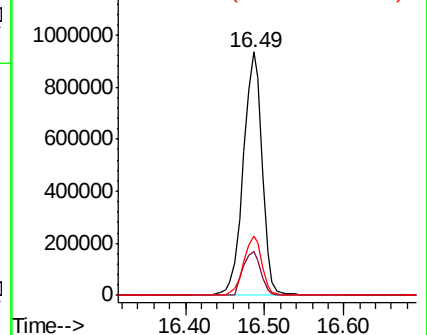
279 24.3 20.1 30.1



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 47.864 ng

RT: 16.86 min Scan# 2512

Delta R.T. -0.02 min

Lab File: BF114797.D

Acq: 4 Jun 2019 18:07

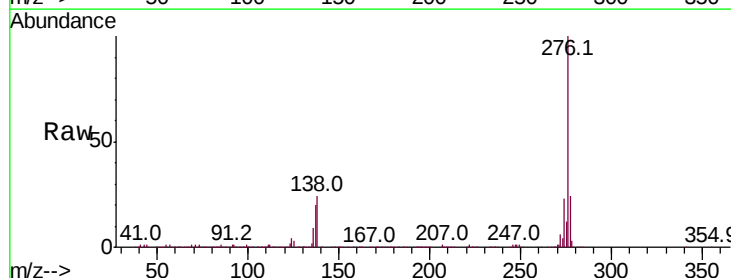
Tgt Ion:276 Resp: 1544954

Ion	Ratio	Lower	Upper
276	100		
277	24.2	19.8	29.6
138	23.7	19.4	29.2

276 100

277 24.2 19.8 29.6

138 23.7 19.4 29.2



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

