

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060519\
 Data File : BF114814.D
 Acq On : 5 Jun 2019 12:12
 Operator : HP/JU
 Sample : K2641-14MS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

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

Manual Integrations
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mohammad
 6/6/2019 4:49:44 PM

Quant Time: Jun 06 05:11:59 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	526199	20.00	ng	0.00
21) Naphthalene-d8	7.95	136	2053852	20.00	ng	0.00
39) Acenaphthene-d10	9.70	164	1054220	20.00	ng	0.00
64) Phenanthrene-d10	11.17	188	2078490	20.00	ng	0.00
76) Chrysene-d12	13.79	240	1253700	20.00	ng	0.00
87) Perylene-d12	15.17	264	1589501	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.29	112	2980359	98.97	ng	0.02
7) Phenol-d6	6.31	99	3322401	90.67	ng	0.00
23) Nitrobenzene-d5	7.23	82	2460398	73.74	ng	0.00
42) 2,4,6-Tribromophenol	10.48	330	1206297	106.18	ng	0.00
45) 2-Fluorobiphenyl	9.03	172	4553706	80.92	ng	0.00
79) Terphenyl-d14	12.75	244	4791834	74.33	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.48	88	462762	32.186	ng	99
3) Pyridine	3.15	79	1059070	26.802	ng	98
4) n-Nitrosodimethylamine	3.03	42	507644	35.103	ng	95
6) Aniline	6.33	93	495319	9.526	ng	# 67
8) 2-Chlorophenol	6.45	128	1250513	35.941	ng	98
9) Benzaldehyde	6.20	77	344218	13.543	ng	98
10) Phenol	6.32	94	1267208	30.241	ng	80
11) bis(2-Chloroethyl)ether	6.40	93	1209611	36.988	ng	98
12) 1,3-Dichlorobenzene	6.60	146	1294110	31.919	ng	99
13) 1,4-Dichlorobenzene	6.68	146	1320964	32.380	ng	99
14) 1,2-Dichlorobenzene	6.83	146	1223780	33.215	ng	99
15) Benzyl Alcohol	6.81	79	993321	35.847	ng	100
16) 2,2'-oxybis(1-Chloropropan	6.95	45	1670881	35.724	ng	100
17) 2-Methylphenol	6.93	107	1039530	34.953	ng	99
18) Hexachloroethane	7.18	117	471815	30.727	ng	97
19) n-Nitroso-di-n-propylamine	7.09	70	846758	34.909	ng	98
20) 3+4-Methylphenols	7.08	107	1179600	35.960	ng	93
22) Acetophenone	7.07	105	1734621	38.361	ng	# 98
24) Nitrobenzene	7.25	77	1304775	37.749	ng	100
25) Isophorone	7.49	82	2437020	36.947	ng	100
26) 2-Nitrophenol	7.56	139	717346	38.319	ng	94
27) 2,4-Dimethylphenol	7.61	122	1155976	40.627	ng	99
28) bis(2-Chloroethoxy)methane	7.70	93	1576133	37.381	ng	99
29) 2,4-Dichlorophenol	7.80	162	1142539	38.167	ng	99
30) 1,2,4-Trichlorobenzene	7.89	180	1208452	35.182	ng	99
31) Naphthalene	7.97	128	3573549	38.648	ng	100
32) Benzoic acid	7.71	122	419813	20.258	ng	97
33) 4-Chloroaniline	8.02	127	212894	4.826	ng	97
34) Hexachlorobutadiene	8.10	225	650379	33.305	ng	99
35) Caprolactam	8.39	113	286210m	29.268	ng	
36) 4-Chloro-3-methylphenol	8.50	107	1177819	39.540	ng	100
37) 2-Methylnaphthalene	8.66	142	2559583	39.909	ng	98
38) 1-Methylnaphthalene	8.76	142	2415985	39.722	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.83	216	1081903	35.611	ng	99

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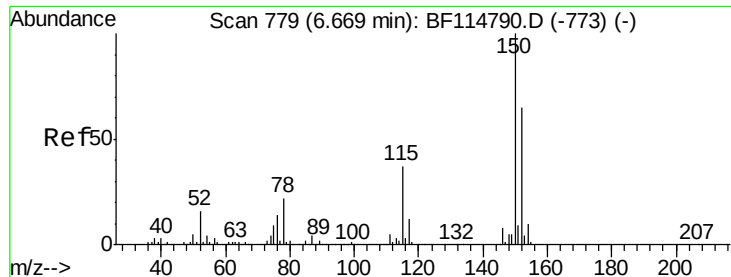
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.82	237	1081297	58.684	nq	100
43) 2,4,6-Trichlorophenol	8.94	196	907855	38.429	nq	99
44) 2,4,5-Trichlorophenol	8.98	196	835258	35.107	nq	98
46) 1,1'-Biphenyl	9.12	154	2976105	38.090	nq	99
47) 2-Chloronaphthalene	9.15	162	2390000	35.998	nq	99
48) 2-Nitroaniline	9.24	65	729354	36.812	nq	97
49) Acenaphthylene	9.56	152	3646195	37.871	nq	99
50) Dimethylphthalate	9.43	163	2869632	37.270	nq	99
51) 2,6-Dinitrotoluene	9.48	165	695777	38.424	nq	91
52) Acenaphthene	9.73	154	2310777	36.639	nq	100
53) 3-Nitroaniline	9.64	138	311410	14.721	nq	93
54) 2,4-Dinitrophenol	9.75	184	268262	32.739	nq	95
55) Dibenzofuran	9.90	168	3243273	36.981	nq	97
56) 4-Nitrophenol	9.82	139	1063306	68.599	nq	96
57) 2,4-Dinitrotoluene	9.89	165	921682	40.489	nq	97
58) Fluorene	10.25	166	2325629	40.443	nq	100
59) 2,3,4,6-Tetrachlorophenol	10.02	232	757535	38.864	nq	100
60) Diethylphthalate	10.13	149	2886655	37.362	nq	99
61) 4-Chlorophenyl-phenylether	10.23	204	1170071	34.834	nq	99
62) 4-Nitroaniline	10.26	138	731738	35.665	nq	99
63) Azobenzene	10.40	77	2550295	38.778	nq	99
65) 4,6-Dinitro-2-methylphenol	10.29	198	258879	23.977	nq	88
66) n-Nitrosodiphenylamine	10.36	169	2352392	37.429	nq	99
67) 4-Bromophenyl-phenylether	10.72	248	833045	35.289	nq	97
68) Hexachlorobenzene	10.79	284	889939	34.446	nq	98
69) Atrazine	10.89	200	804460	36.803	nq	99
70) Pentachlorophenol	10.98	266	940622	62.980	nq	97
71) Phenanthrene	11.20	178	3654858	36.834	nq	98
72) Anthracene	11.25	178	3745364	35.867	nq	98
73) Carbazole	11.40	167	3486345	38.946	nq	99
74) Di-n-butylphthalate	11.75	149	4192776	35.611	nq	98
75) Fluoranthene	12.37	202	3846532	37.246	nq	97
77) Benzidine	12.49	184	624990	10.070	nq	98
78) Pyrene	12.60	202	3916646	36.012	nq	97
80) Butylbenzylphthalate	13.23	149	2075385	37.788	nq	98
81) Benzo(a)anthracene	13.78	228	3439289	35.600	nq	99
82) 3,3'-Dichlorobenzidine	13.74	252	700195	17.874	nq	98
83) Chrysene	13.82	228	3396416	36.139	nq	96
84) Bis(2-ethylhexyl)phthalate	13.80	149	2506152	36.087	nq	# 98
85) Di-n-octyl phthalate	14.40	149	4414762	37.412	nq	99
86) Indeno(1,2,3-cd)pyrene	16.48	276	3615932	33.720	nq	99
88) Benzo(b)fluoranthene	14.79	252	3807933	37.631	nq	99
89) Benzo(k)fluoranthene	14.82	252	3092659	35.989	nq	98
90) Benzo(a)pyrene	15.12	252	3305815	37.744	nq	99
91) Dibenzo(a,h)anthracene	16.50	278	2958769	35.672	nq	98
92) Benzo(g,h,i)perylene	16.87	276	3009335	36.079	nq	98

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



#1

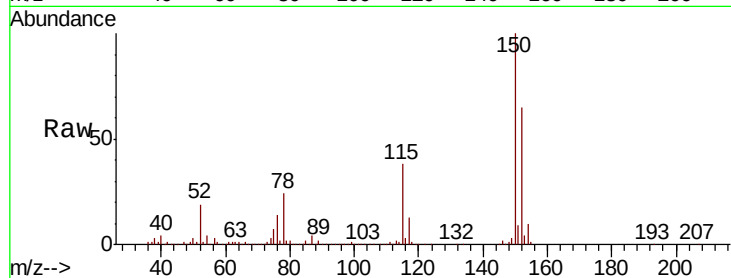
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.66 min Scan# 778
Delta R.T. -0.01 min
Lab File: BF114814.D
Acq: 5 Jun 2019 12:12

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

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.7	124.0	186.0
115	59.5	46.3	69.5

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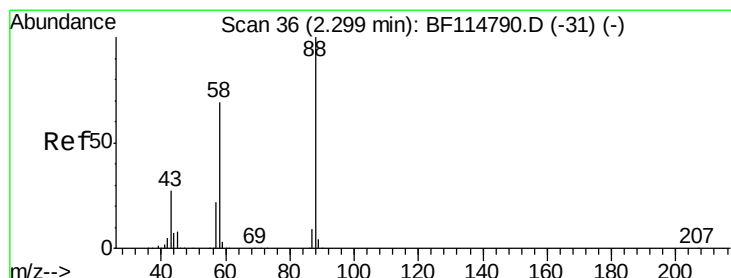
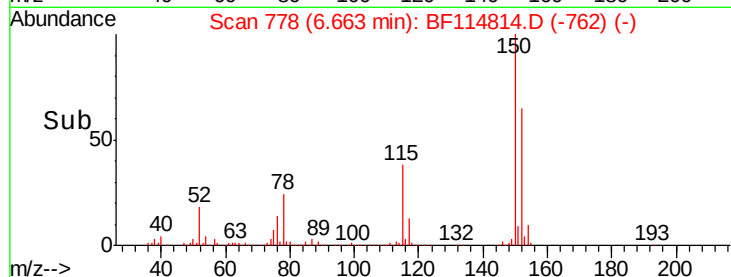
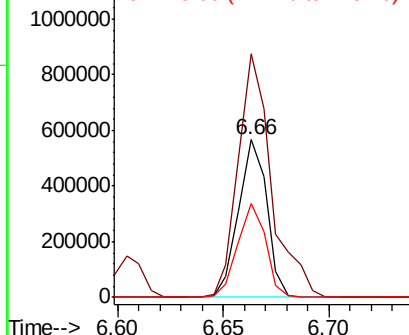


Abundance

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



#2

1,4-Dioxane
Concen: 32.186 ng
RT: 2.48 min Scan# 66
Delta R.T. 0.18 min
Lab File: BF114814.D
Acq: 5 Jun 2019 12:12

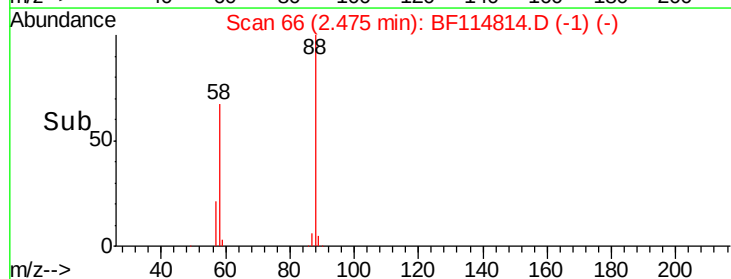
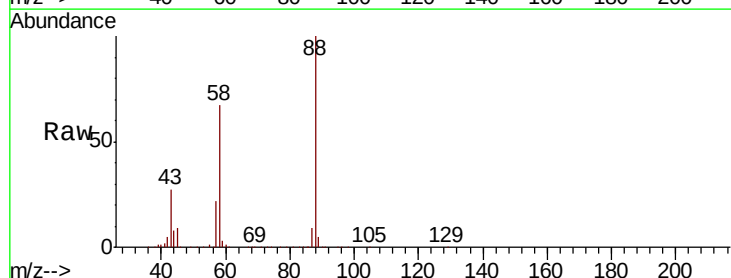
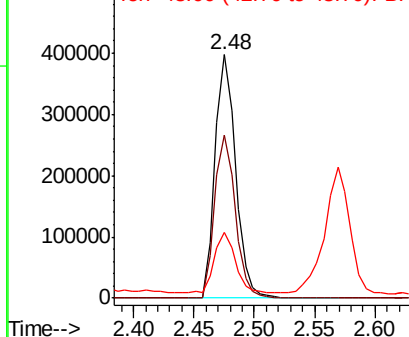
Tgt Ion	Ratio	Lower	Upper
88	100		
58	67.4	53.8	80.8
43	24.9	20.7	31.1

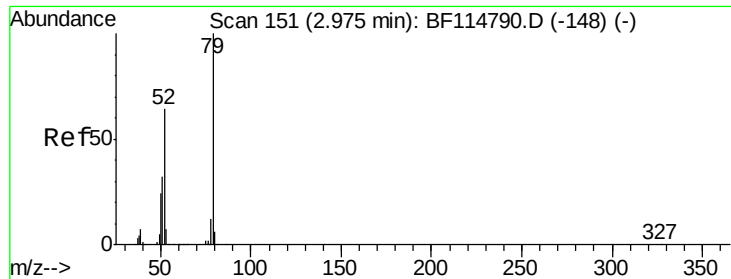
Abundance

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: 26.802 ng

RT: 3.15 min Scan# 180

Delta R.T. 0.17 min

Lab File: BF114814.D

Acq: 5 Jun 2019 12:12

Instrument :

BNA_F

ClientSampleId :

CL-02-053119-AMS

Tot Ion: 79 Resp: 1059070

Ion Ratio Lower Upper

79 100

52 61.9 51.0 76.4

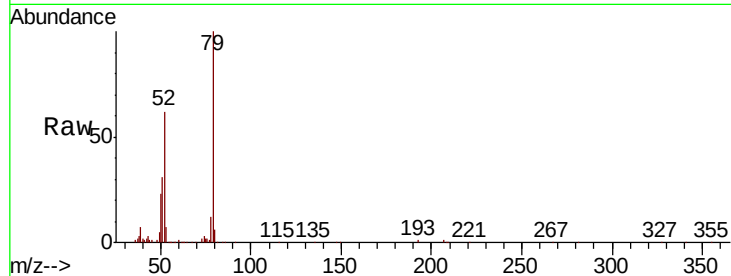
51 31.0 25.7 38.5

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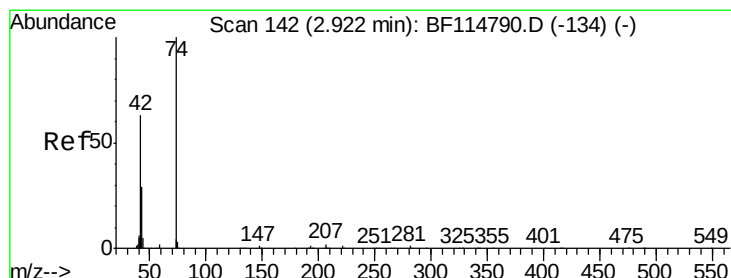
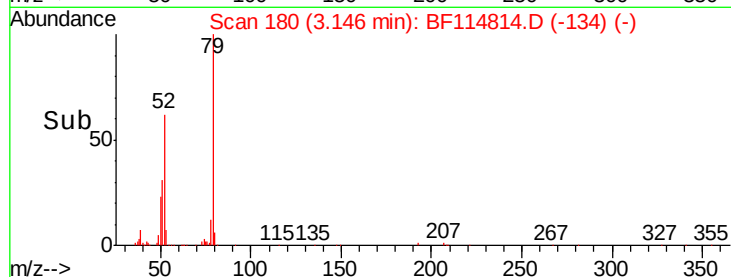
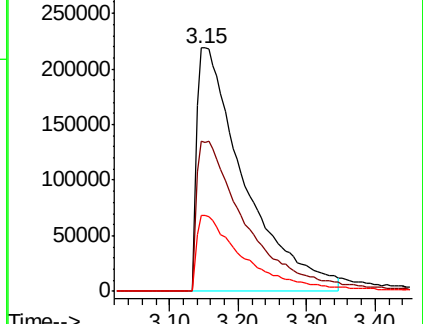
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Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 52.00 (51.70 to 52.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 35.103 ng

RT: 3.03 min Scan# 160

Delta R.T. 0.11 min

Lab File: BF114814.D

Acq: 5 Jun 2019 12:12

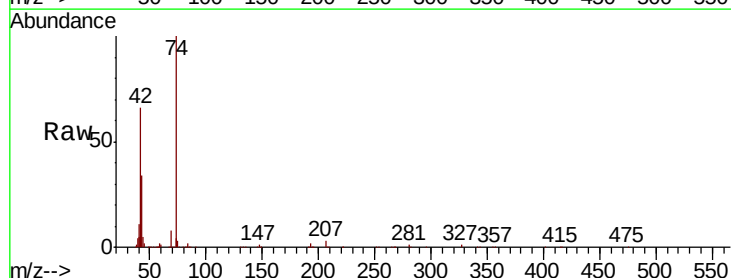
Tgt Ion: 42 Resp: 507644

Ion Ratio Lower Upper

42 100

74 150.9 126.2 189.2

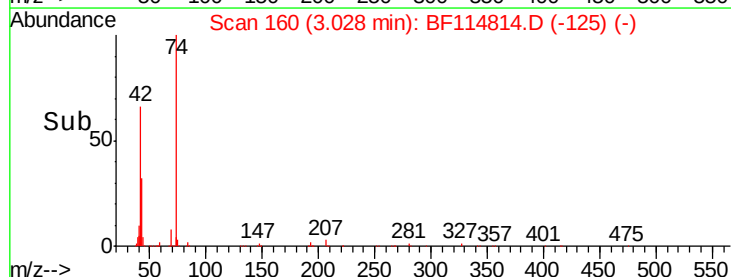
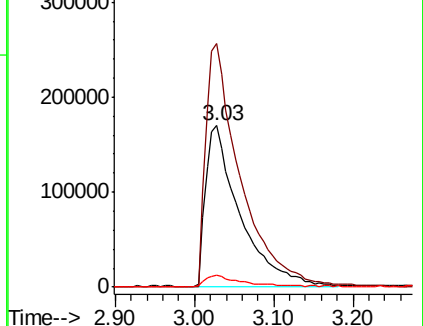
44 7.0 5.9 8.9

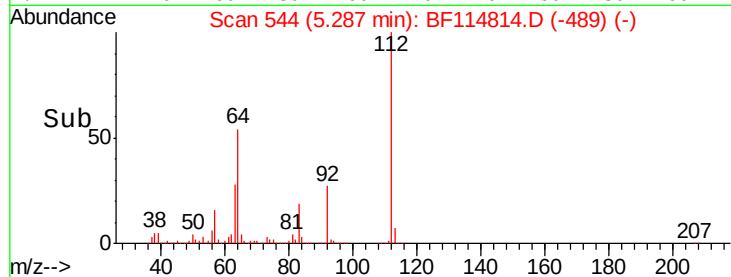
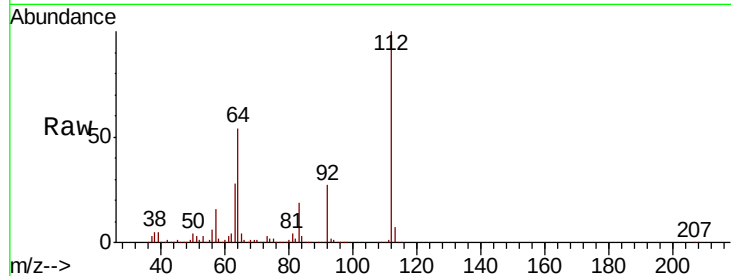
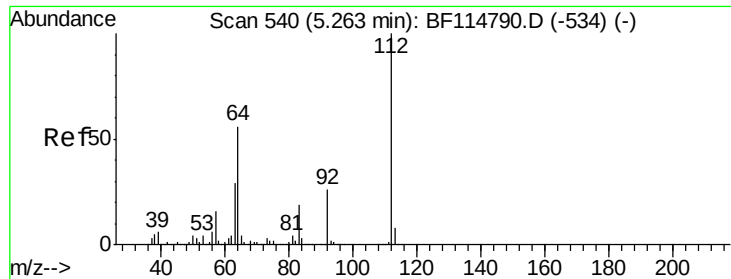


Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 98.969 ng

RT: 5.29 min Scan# 544

Delta R.T. 0.02 min

Lab File: BF114814.D

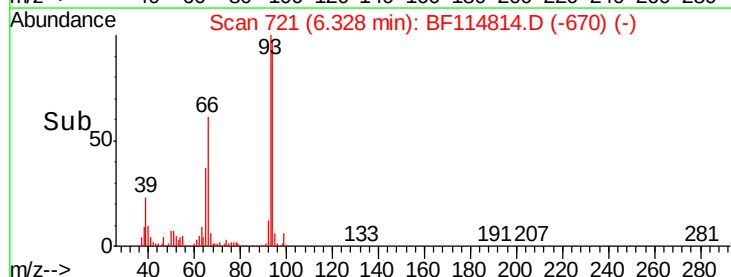
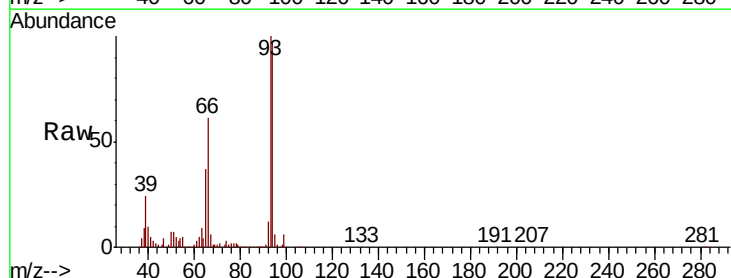
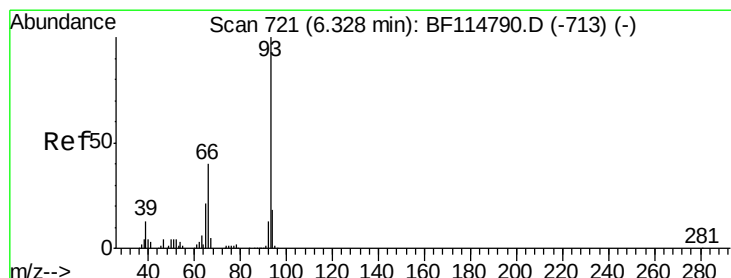
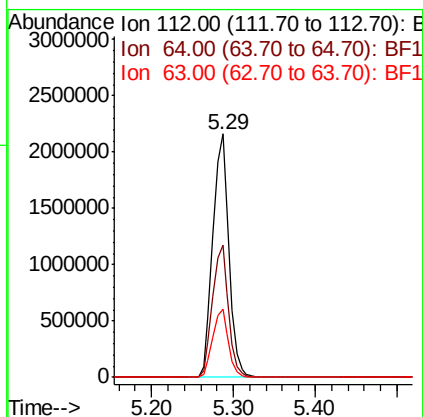
Acq: 5 Jun 2019 12:12

Tot Ion	Ratio	Lower	Upper
112	100		
64	54.4	44.6	66.8
63	28.2	23.0	34.4

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CL-02-053119-AMS

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#6

Aniline

Concen: 9.526 ng

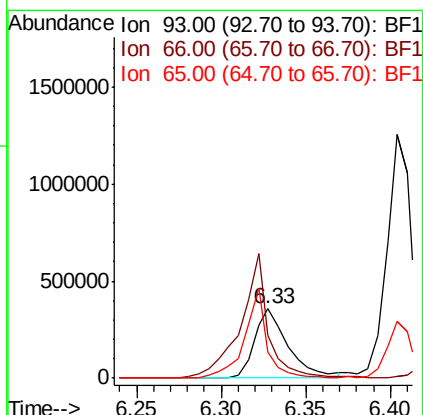
RT: 6.33 min Scan# 721

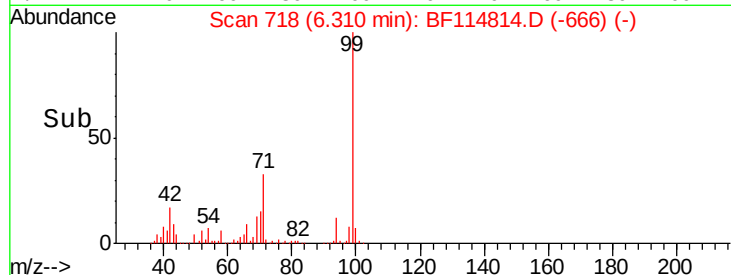
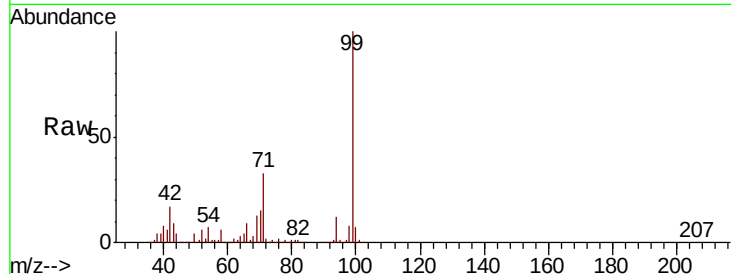
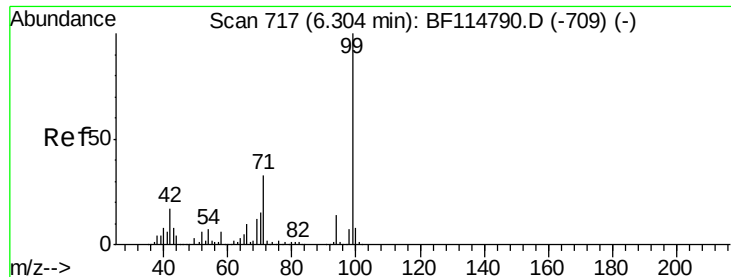
Delta R.T. 0.00 min

Lab File: BF114814.D

Acq: 5 Jun 2019 12:12

Tgt Ion	Ratio	Lower	Upper
93	100		
66	61.2	32.8	49.2#
65	37.0	16.9	25.3#





#7

Phenol-d6

Concen: 90.670 ng

RT: 6.31 min Scan# 718

Delta R.T. 0.01 min

Lab File: BF114814.D

Acq: 5 Jun 2019 12:12

Tot Ion: 99 Resp: 3322401

Ion Ratio Lower Upper

99 100

42 17.1 13.3 19.9

71 33.4 26.3 39.5

Instrument :

BNA_F

ClientSampleId :

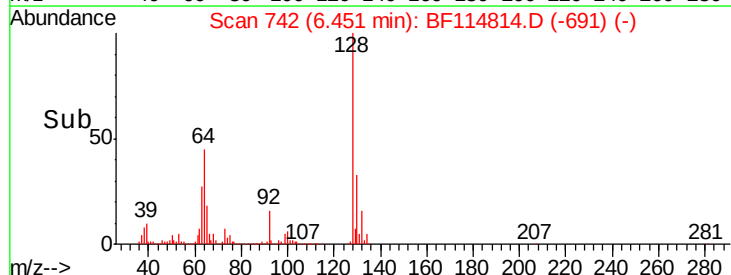
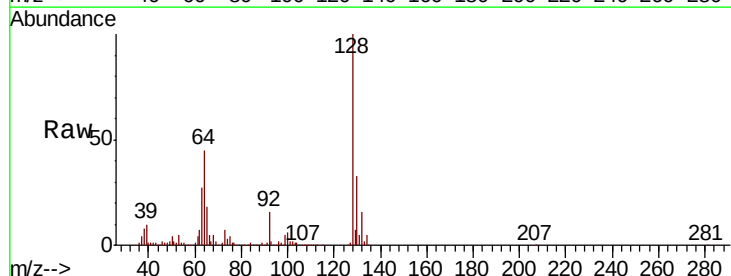
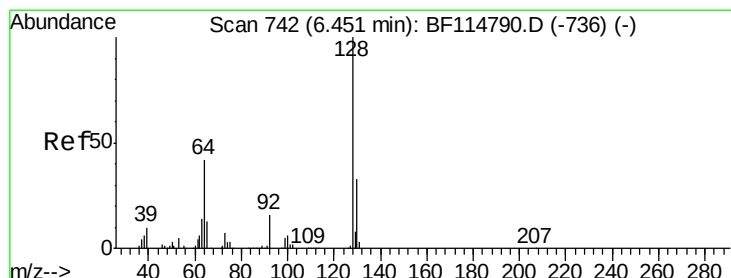
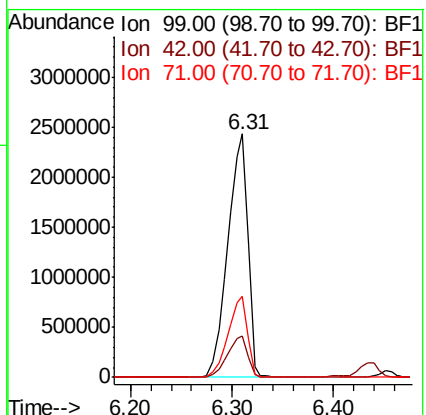
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#8

2-Chlorophenol

Concen: 35.941 ng

RT: 6.45 min Scan# 742

Delta R.T. 0.00 min

Lab File: BF114814.D

Acq: 5 Jun 2019 12:12

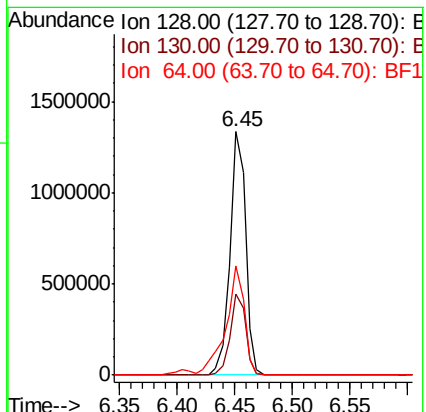
Tgt Ion:128 Resp: 1250513

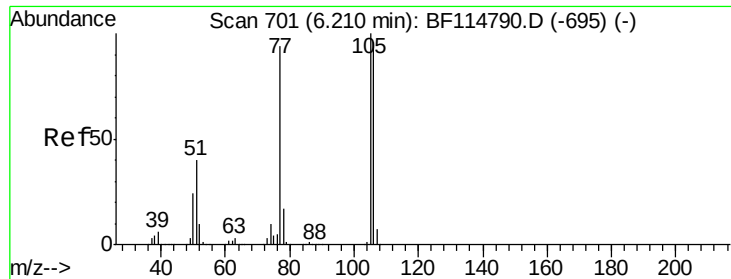
Ion Ratio Lower Upper

128 100

130 33.3 12.7 52.7

64 44.7 22.5 62.5





#9

Benzaldehyde

Concen: 13.543 ng

RT: 6.20 min Scan# 700

Delta R.T. -0.01 min

Lab File: BF114814.D

Acq: 5 Jun 2019 12:12

Instrument :

BNA_F

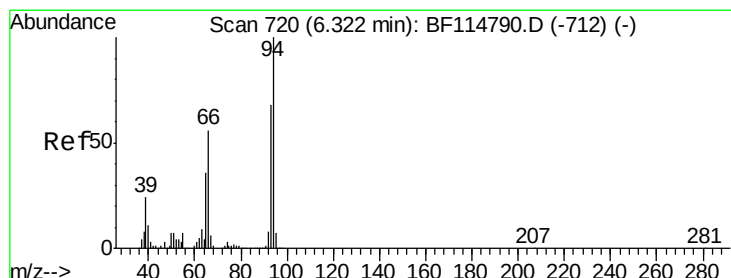
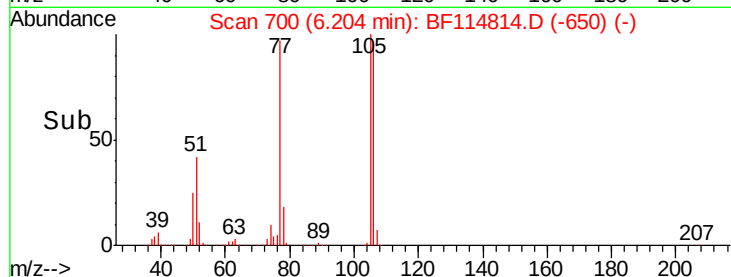
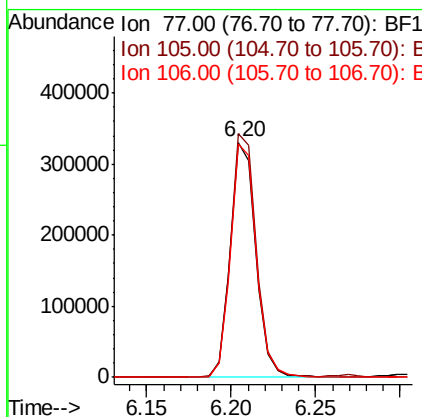
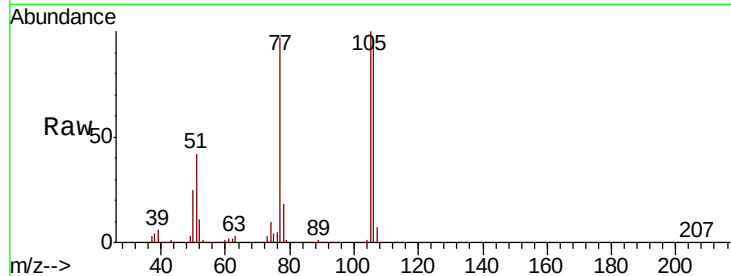
ClientSampleId :

CL-02-053119-AMS

Tot Ion	Ratio	Lower	Upper
77	100		
105	103.5	85.8	125.8
106	99.0	81.6	121.6

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#10

Phenol

Concen: 30.241 ng

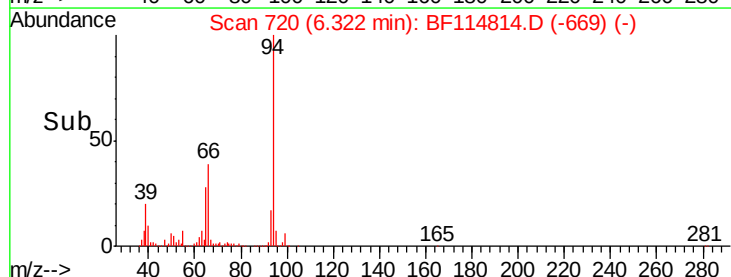
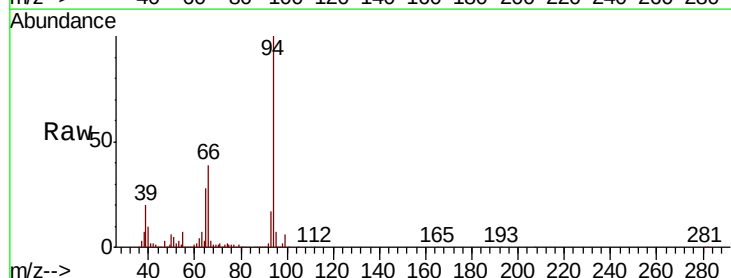
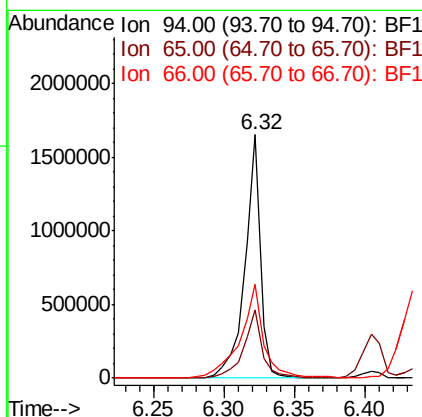
RT: 6.32 min Scan# 720

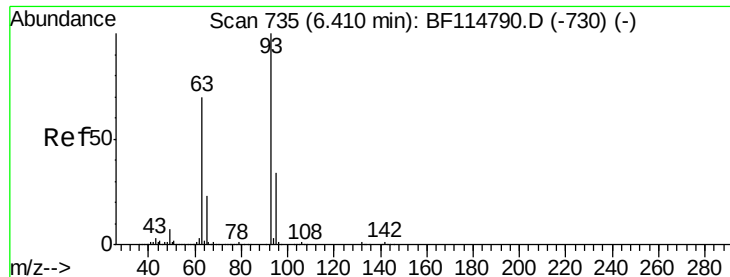
Delta R.T. 0.00 min

Lab File: BF114814.D

Acq: 5 Jun 2019 12:12

Tgt Ion	Ratio	Lower	Upper
94	100		
65	28.2	16.1	56.1
66	38.7	36.3	76.3





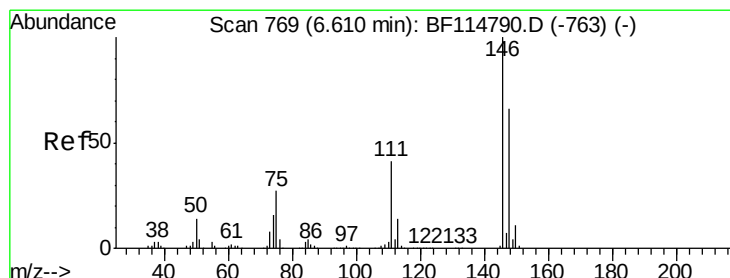
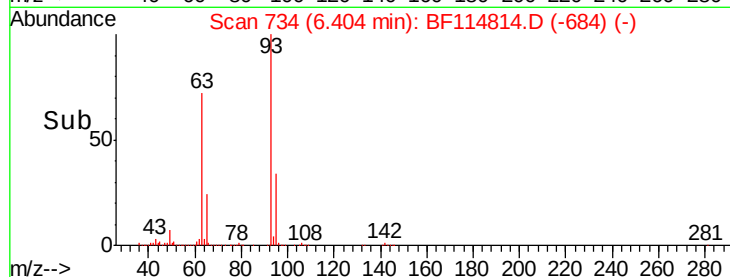
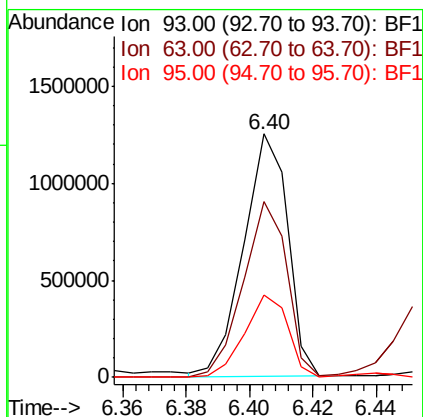
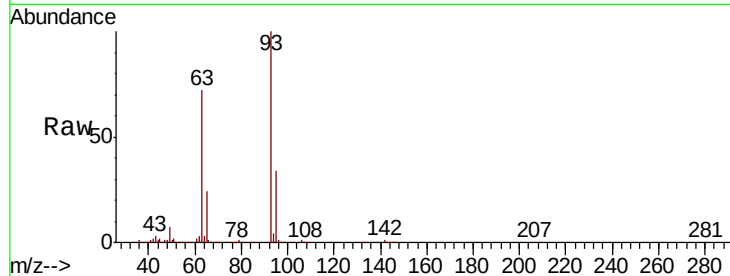
#11
bis(2-Chloroethyl)ether
Concen: 36.988 ng
RT: 6.40 min Scan# 734
Delta R.T. -0.01 min
Lab File: BF114814.D
Acq: 5 Jun 2019 12:12

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

Tot Ion	Ratio	Lower	Upper
93	100		
63	72.4	49.6	89.6
95	33.6	13.6	53.6

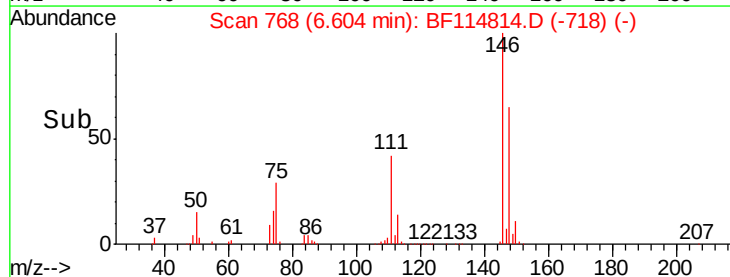
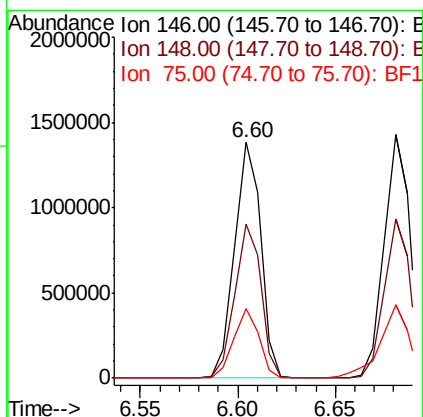
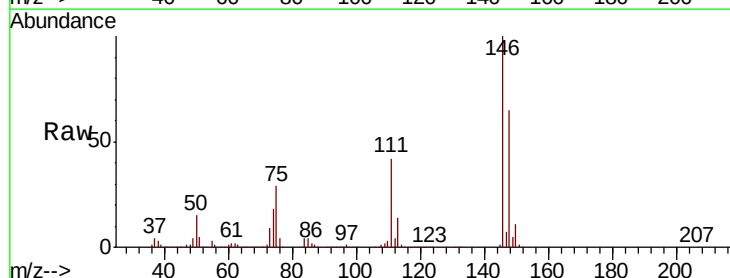
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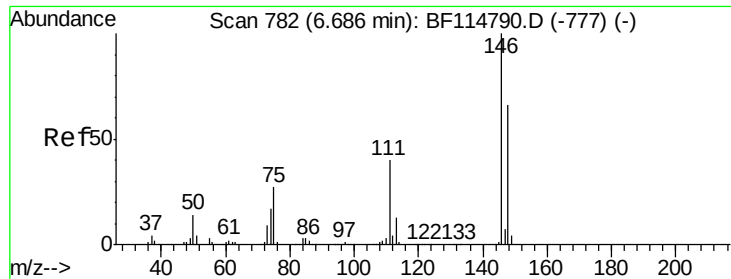
mohammad
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#12
1,3-Dichlorobenzene
Concen: 31.919 ng
RT: 6.60 min Scan# 768
Delta R.T. -0.01 min
Lab File: BF114814.D
Acq: 5 Jun 2019 12:12

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.5	52.7	79.1
75	29.4	22.0	33.0





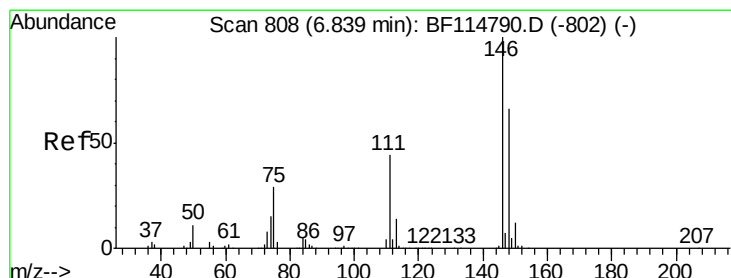
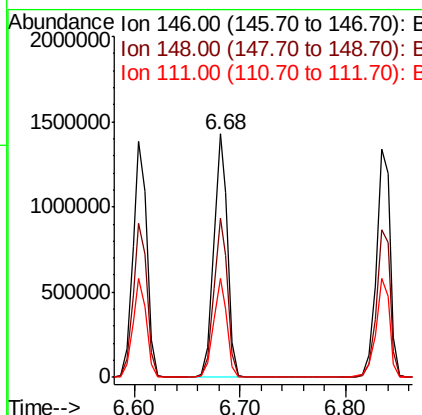
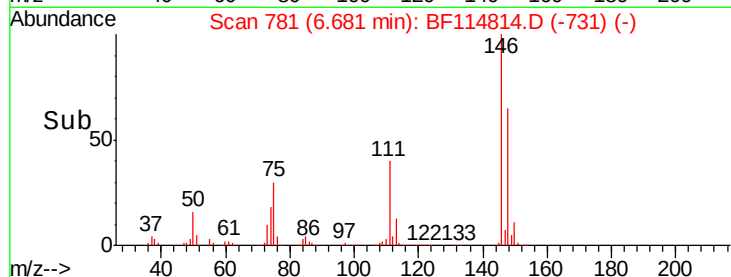
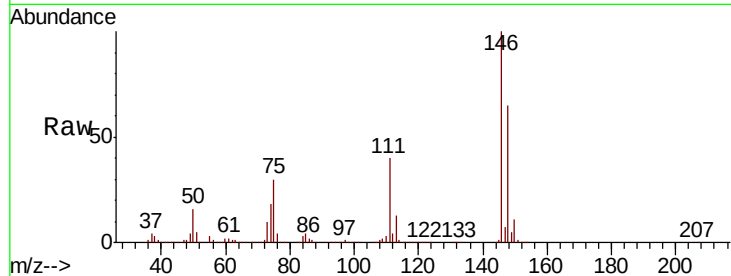
#13
1,4-Dichlorobenzene
Concen: 32.380 ng
RT: 6.68 min Scan# 781
Delta R.T. -0.01 min
Lab File: BF114814.D
Acq: 5 Jun 2019 12:12

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

Tot Ion:146 Resp: 1320964
Ion Ratio Lower Upper
146 100
148 65.4 53.0 79.4
111 40.4 32.2 48.4

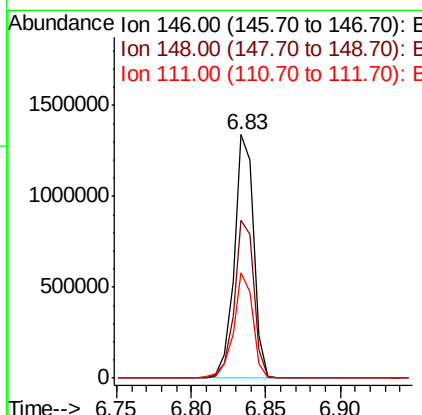
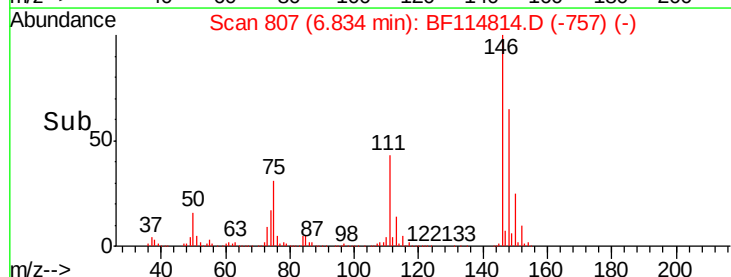
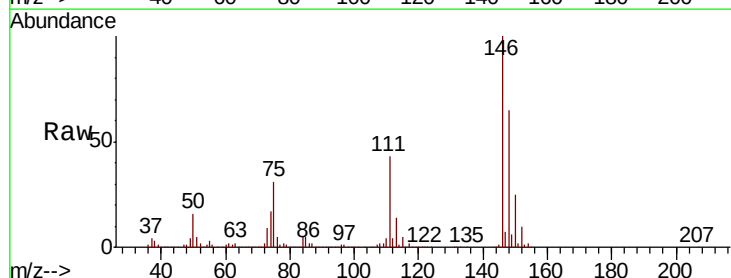
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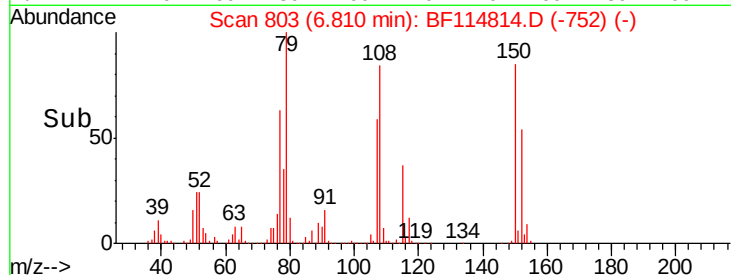
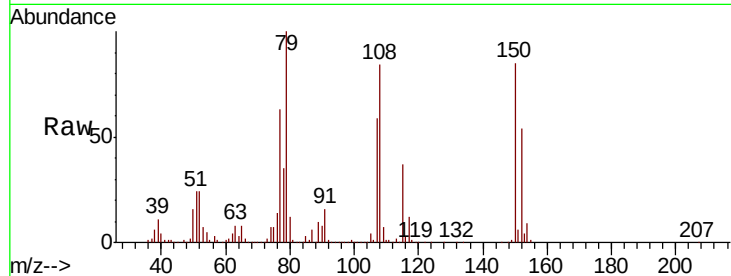
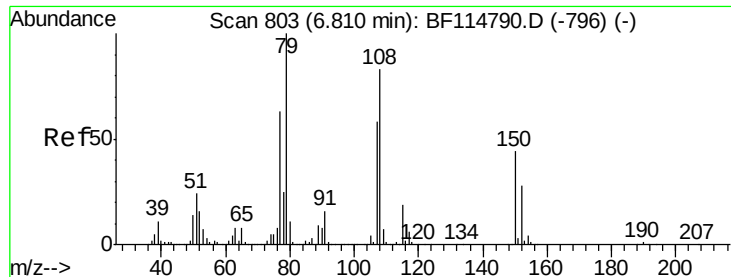
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#14
1,2-Dichlorobenzene
Concen: 33.215 ng
RT: 6.83 min Scan# 807
Delta R.T. -0.01 min
Lab File: BF114814.D
Acq: 5 Jun 2019 12:12

Tgt Ion:146 Resp: 1223780
Ion Ratio Lower Upper
146 100
148 64.9 52.5 78.7
111 43.5 34.8 52.2





#15

Benzyl Alcohol

Concen: 35.847 ng

RT: 6.81 min Scan# 803

Delta R.T. 0.00 min

Lab File: BF114814.D

Acq: 5 Jun 2019 12:12

Tot Ion:	79	Resp:	993321
Ion Ratio	Lower	Upper	
79	100		
108	84.1	66.8	100.2
77	63.4	50.6	76.0

Instrument :

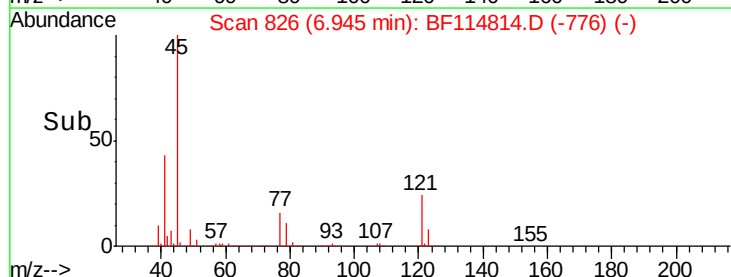
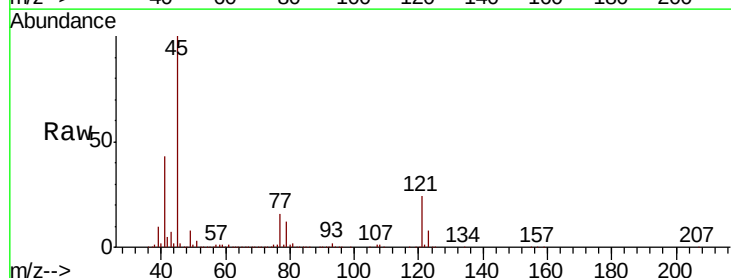
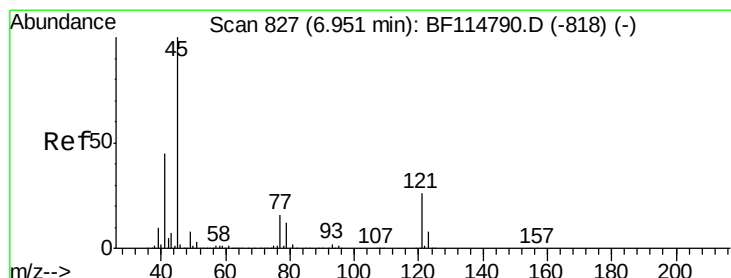
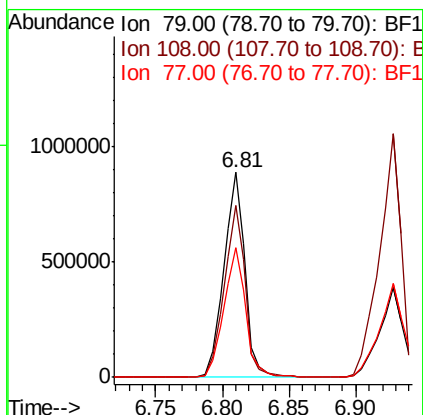
BNA_F

ClientSampleId :

CL-02-053119-AMS

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 35.724 ng

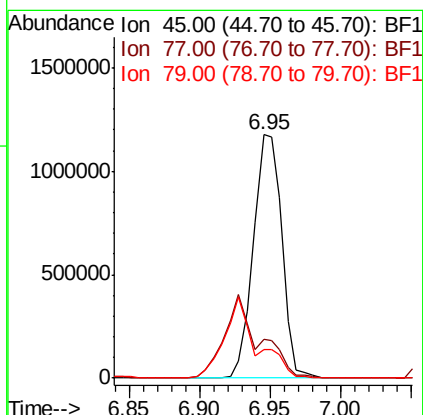
RT: 6.95 min Scan# 826

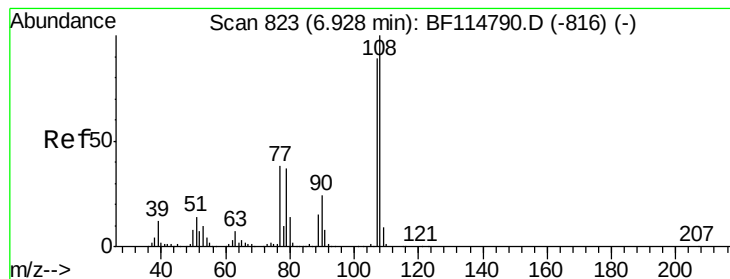
Delta R.T. -0.01 min

Lab File: BF114814.D

Acq: 5 Jun 2019 12:12

Tgt Ion:	45	Resp:	1670881
Ion Ratio	Lower	Upper	
45	100		
77	15.9	0.0	35.8
79	11.7	0.0	32.0





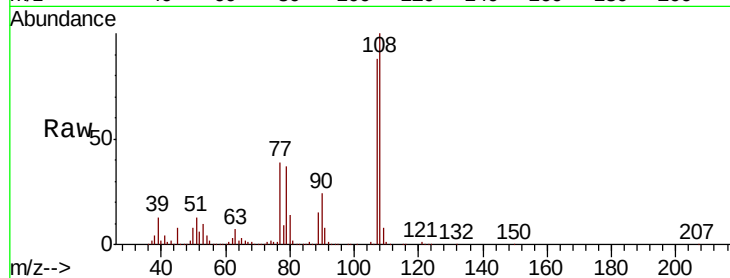
#17
2-Methylphenol
Concen: 34.953 ng
RT: 6.93 min Scan# 823
Delta R.T. 0.00 min
Lab File: BF114814.D
Acq: 5 Jun 2019 12:12

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

Tot Ion	Ratio	Lower	Upper
107	100		
108	113.2	90.2	135.2
77	43.6	34.5	51.7
79	42.0	33.8	50.6

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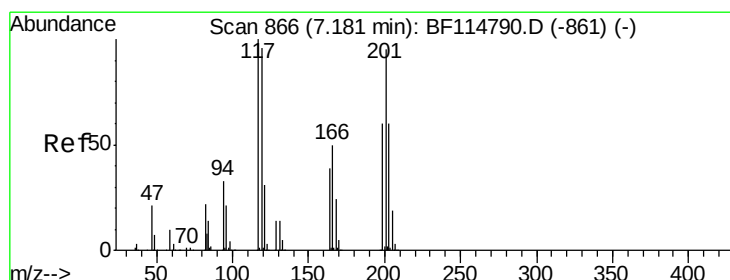
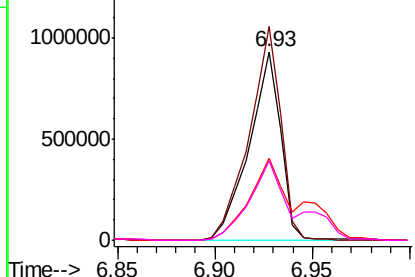
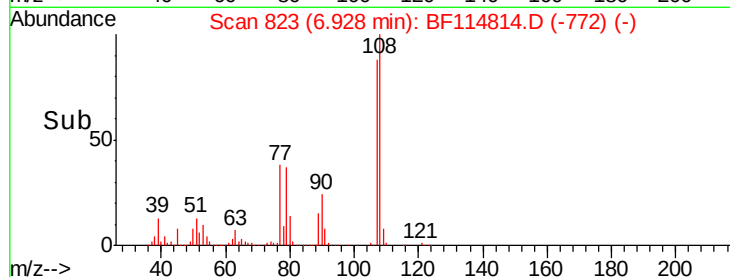
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

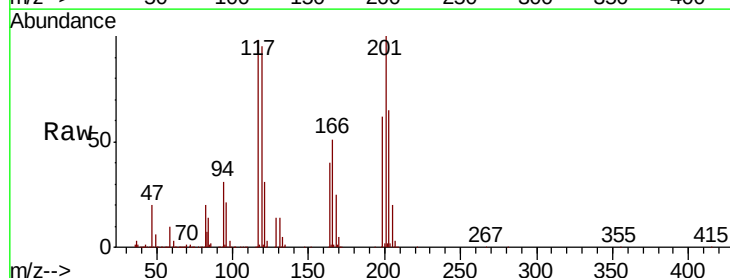
Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18
Hexachloroethane
Concen: 30.727 ng
RT: 7.18 min Scan# 866
Delta R.T. 0.00 min
Lab File: BF114814.D
Acq: 5 Jun 2019 12:12

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.2	77.0	115.4
201	101.6	76.0	114.0

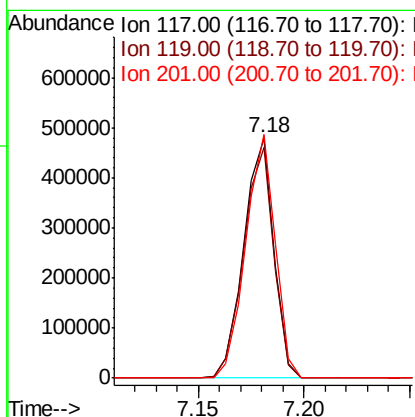
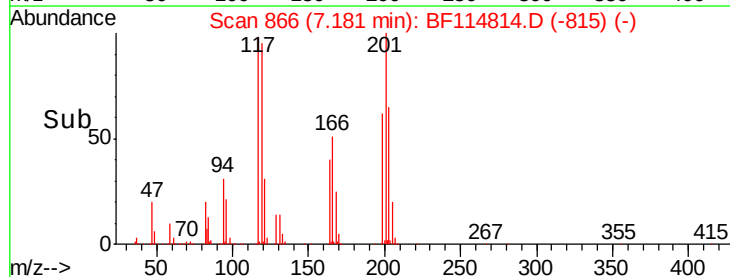


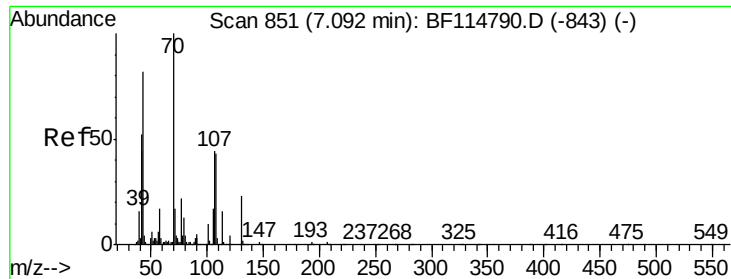
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





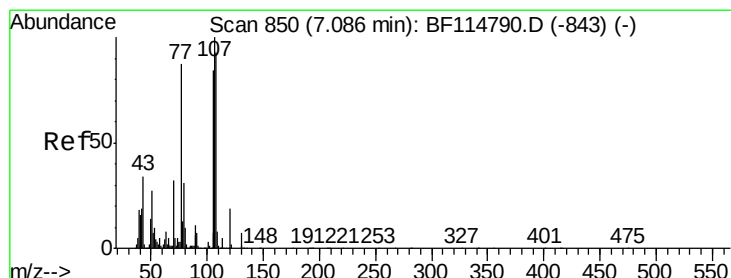
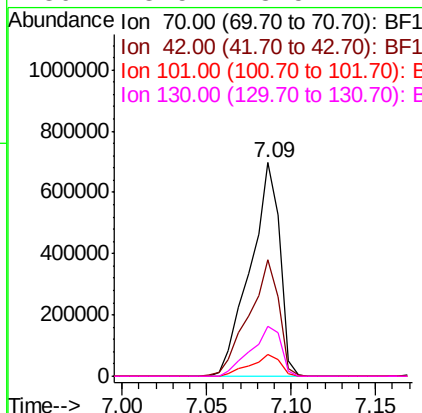
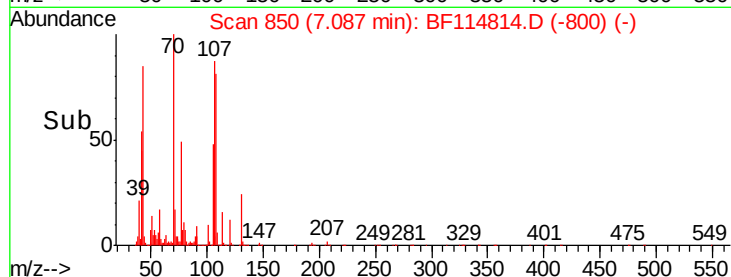
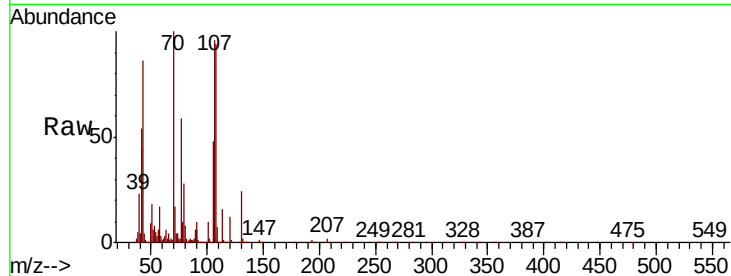
#19
n-Nitroso-di-n-propylamine
Concen: 34.909 ng
RT: 7.09 min Scan# 850
Delta R.T. -0.01 min
Lab File: BF114814.D
Acq: 5 Jun 2019 12:12

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

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	54.4	41.8	62.8	
101	10.3	8.2	12.4	
130	23.5	18.5	27.7	

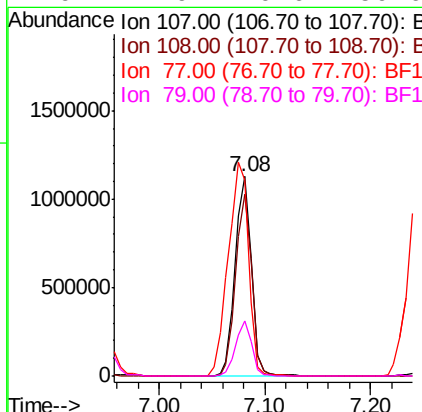
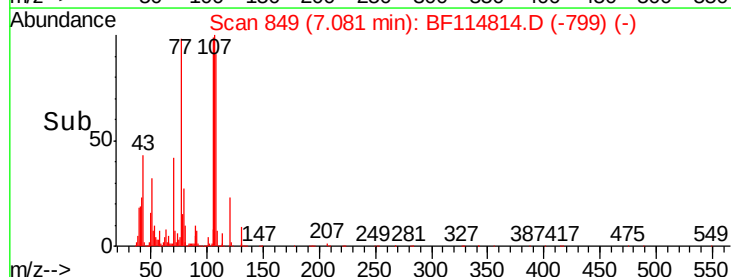
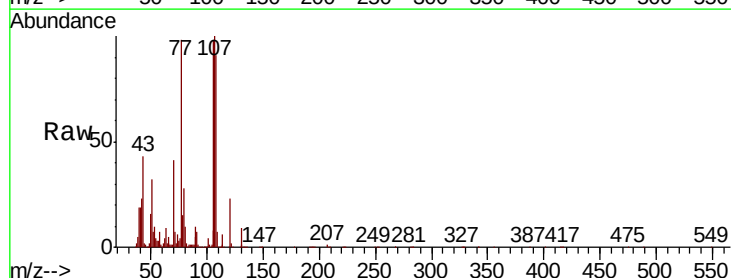
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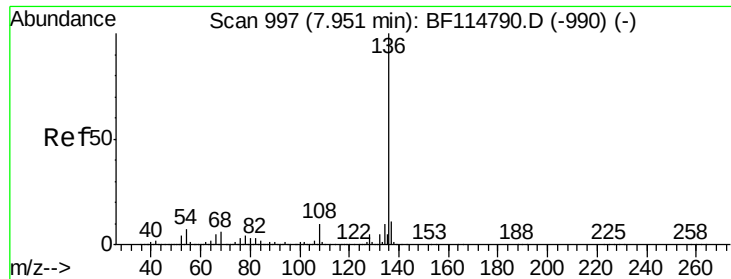
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#20
3+4-Methylphenols
Concen: 35.960 ng
RT: 7.08 min Scan# 849
Delta R.T. -0.01 min
Lab File: BF114814.D
Acq: 5 Jun 2019 12:12

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	91.4	73.5	113.5	
77	98.5	67.2	107.2	
79	27.9	10.6	50.6	





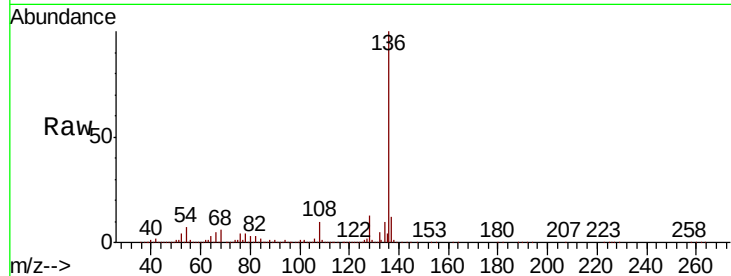
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.95 min Scan# 996
Delta R.T. -0.01 min
Lab File: BF114814.D
Acq: 5 Jun 2019 12:12

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

Tot Ion	Ratio	Lower	Upper
136	100		
137	11.6	9.1	13.7
54	7.1	5.4	8.0
68	6.2	4.6	6.8

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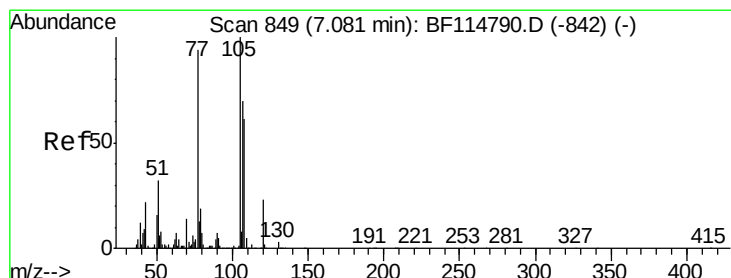
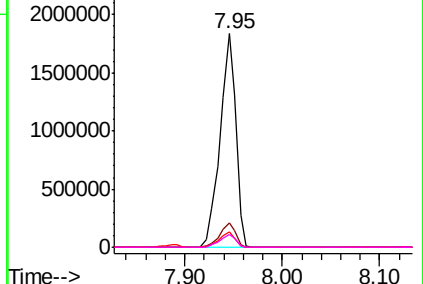
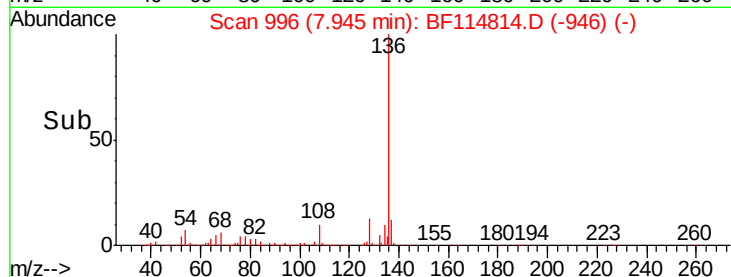
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

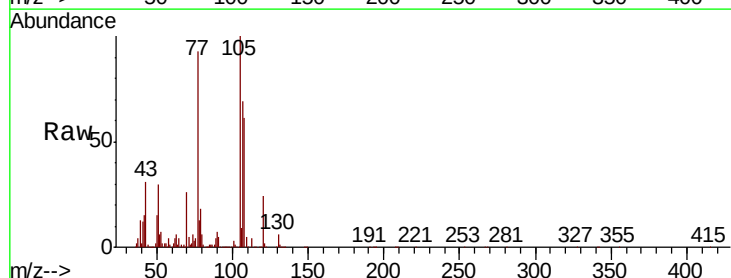
Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22
Acetophenone
Concen: 38.361 ng
RT: 7.07 min Scan# 848
Delta R.T. -0.01 min
Lab File: BF114814.D
Acq: 5 Jun 2019 12:12

Tgt Ion	Ratio	Lower	Upper
105	100		
71	4.6	2.0	3.0#
51	30.2	25.4	38.0
120	23.6	18.7	28.1



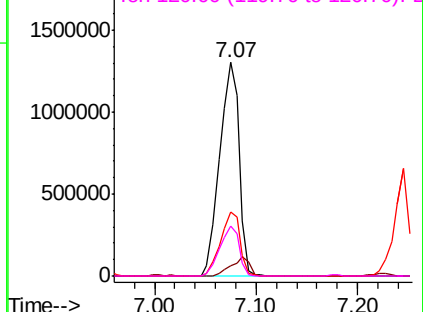
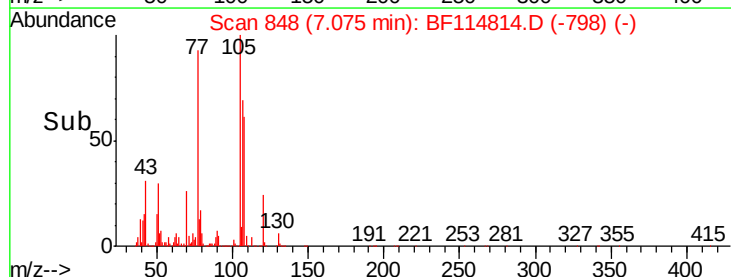
Abundance

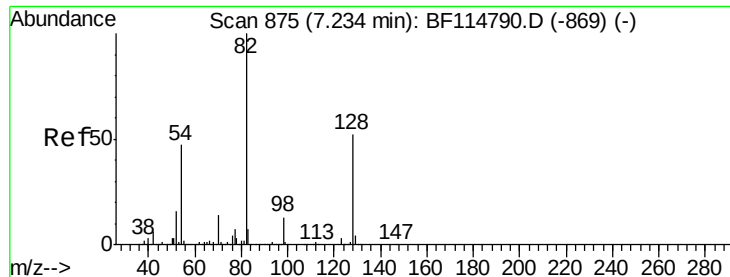
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E





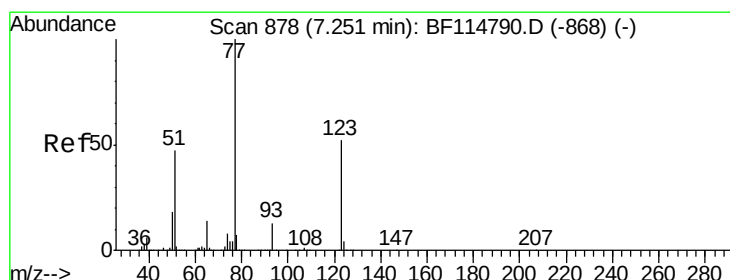
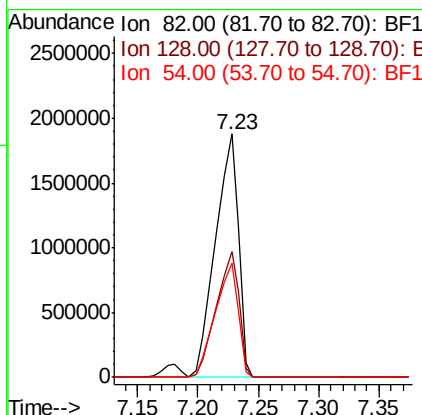
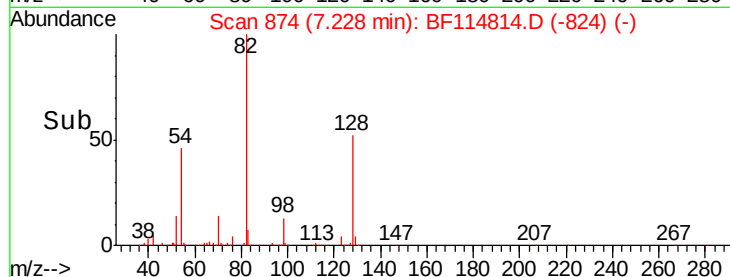
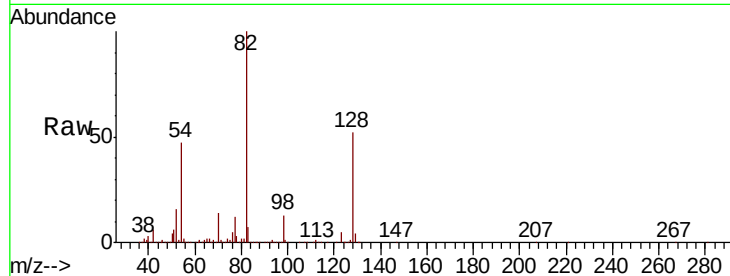
#23
Nitrobenzene-d5
Concen: 73.744 ng
RT: 7.23 min Scan# 874
Delta R.T. -0.01 min
Lab File: BF114814.D
Acq: 5 Jun 2019 12:12

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

Tot Ion	Ratio	Lower	Upper
82	100		
128	51.9	41.8	62.6
54	46.9	37.9	56.9

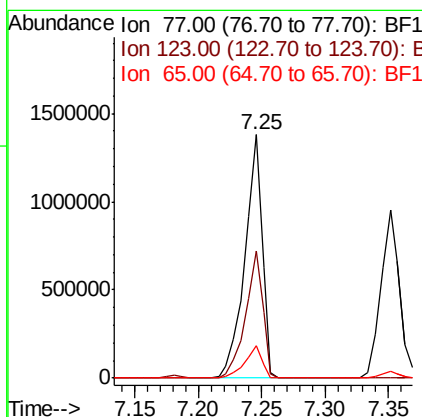
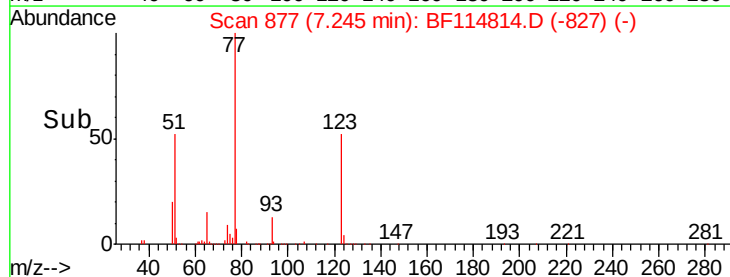
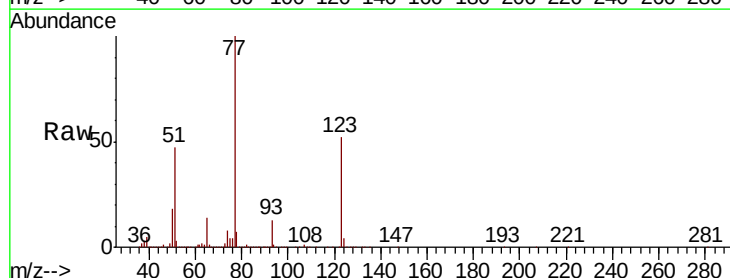
Manual Integrations
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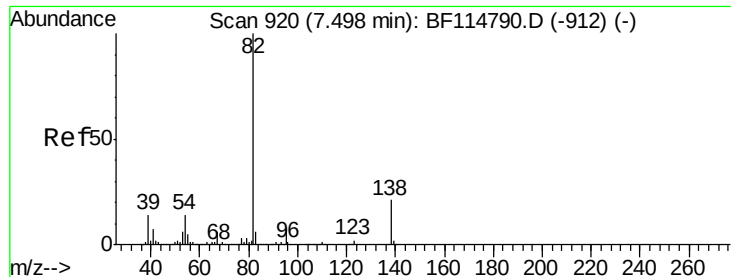
mohammad
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#24
Nitrobenzene
Concen: 37.749 ng
RT: 7.25 min Scan# 877
Delta R.T. -0.01 min
Lab File: BF114814.D
Acq: 5 Jun 2019 12:12

Tgt Ion	Ratio	Lower	Upper
77	100		
123	52.2	41.5	62.3
65	13.5	10.8	16.2





#25

Isophorone

Concen: 36.947 ng

RT: 7.49 min Scan# 919

Delta R.T. -0.01 min

Lab File: BF114814.D

Acq: 5 Jun 2019 12:12

Instrument :

BNA_F

ClientSampleId :

CL-02-053119-AMS

Tot Ion: 82 Resp: 2437020

Ion Ratio Lower Upper

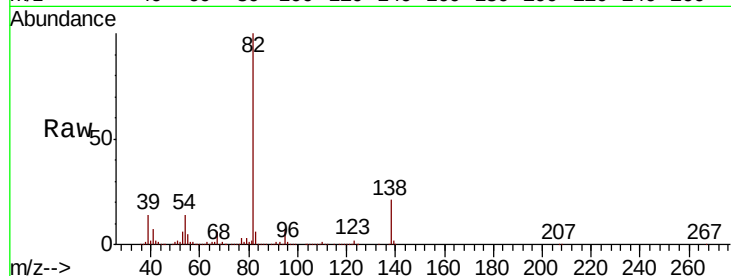
82 100

95 7.1 5.8 8.8

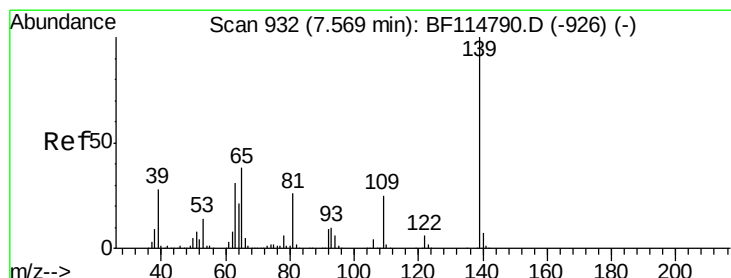
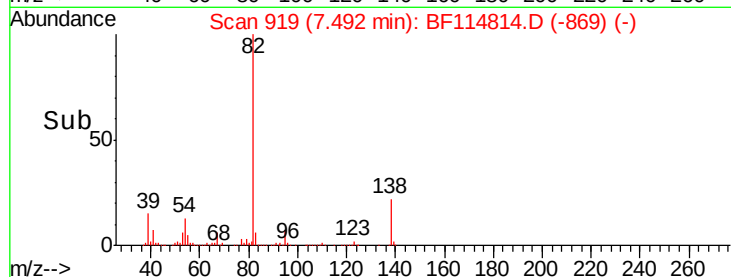
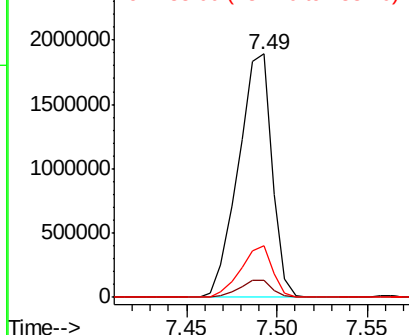
138 21.0 16.9 25.3

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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: 38.319 ng

RT: 7.56 min Scan# 931

Delta R.T. -0.01 min

Lab File: BF114814.D

Acq: 5 Jun 2019 12:12

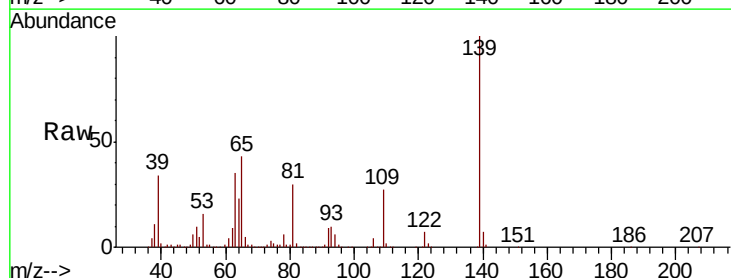
Tgt Ion: 139 Resp: 717346

Ion Ratio Lower Upper

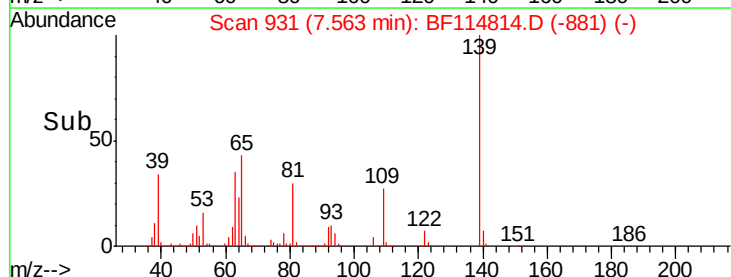
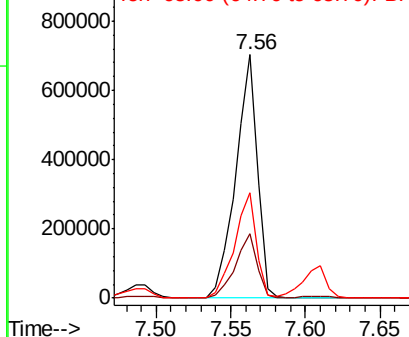
139 100

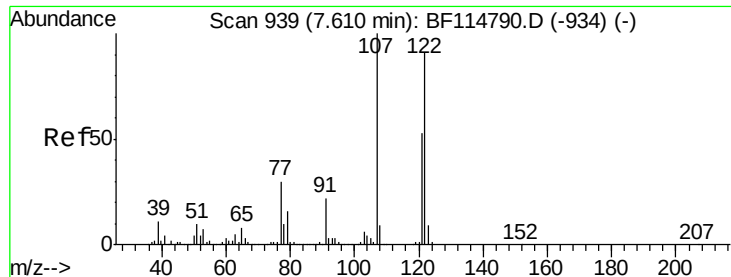
109 26.7 20.4 30.6

65 43.2 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: 40.627 ng

RT: 7.61 min Scan# 939

Delta R.T. 0.00 min

Lab File: BF114814.D

Acq: 5 Jun 2019 12:12

Instrument :

BNA_F

ClientSampleId :

CL-02-053119-AMS

Tot Ion:122 Resp: 1155976

Ion Ratio Lower Upper

122 100

107 111.1 87.9 131.9

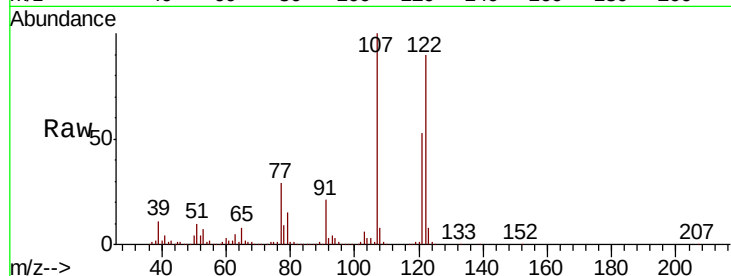
121 59.2 46.4 69.6

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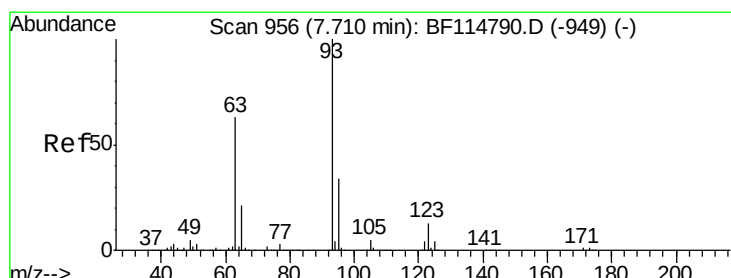
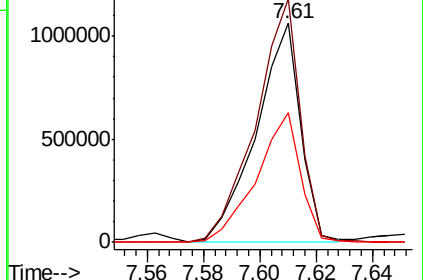
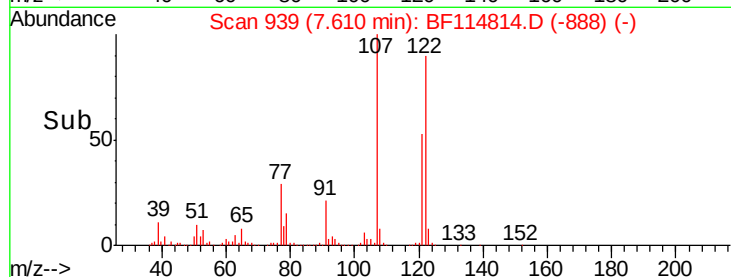
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Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 37.381 ng

RT: 7.70 min Scan# 955

Delta R.T. -0.01 min

Lab File: BF114814.D

Acq: 5 Jun 2019 12:12

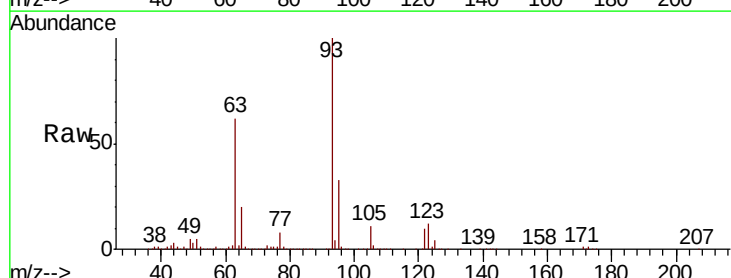
Tgt Ion: 93 Resp: 1576133

Ion Ratio Lower Upper

93 100

95 33.1 26.9 40.3

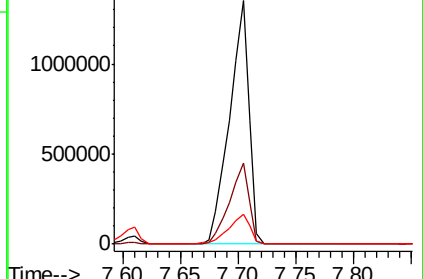
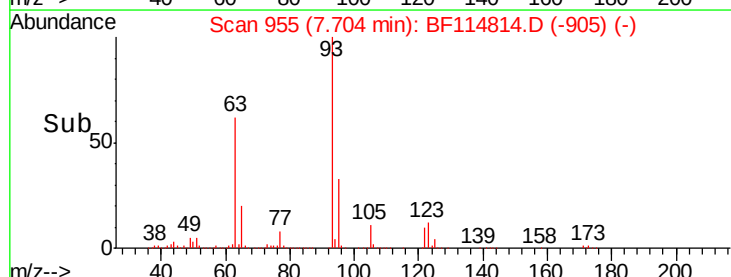
123 12.3 10.4 15.6

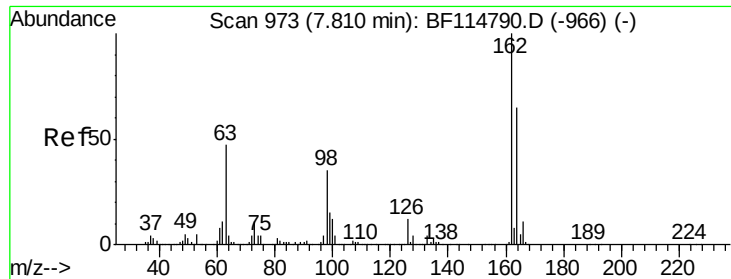


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E





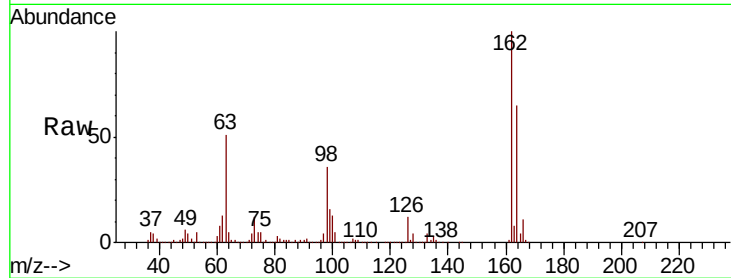
#29
2,4-Dichlorophenol
Concen: 38.167 ng
RT: 7.80 min Scan# 972
Delta R.T. -0.01 min
Lab File: BF114814.D
Acq: 5 Jun 2019 12:12

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

Tot Ion	Ion	Ratio	Lower	Upper
162	100			
164	64.9	45.1	85.1	
98	36.4	14.6	54.6	

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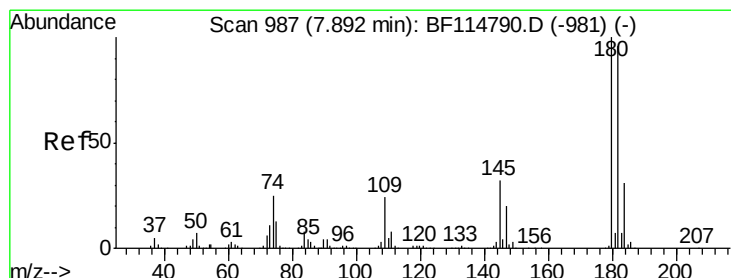
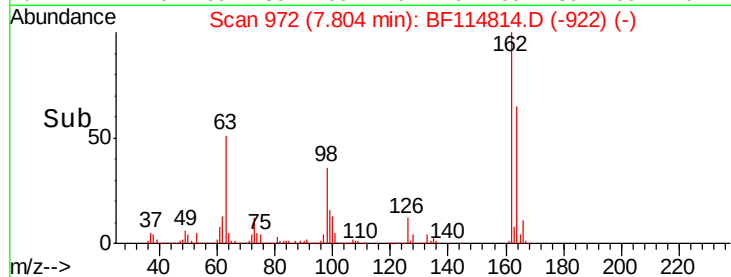
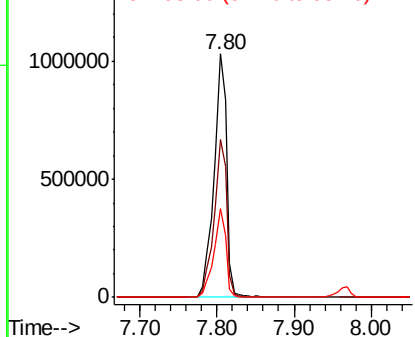


Abundance

Ion 162.00 (161.70 to 162.70): E

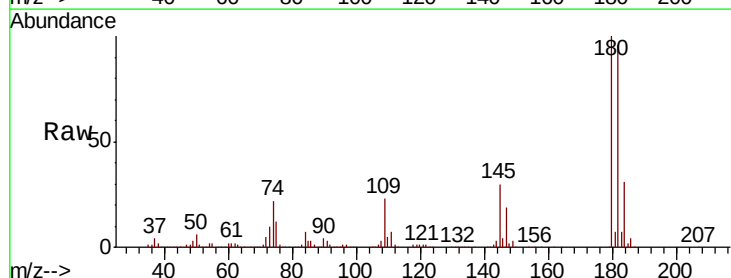
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30
1,2,4-Trichlorobenzene
Concen: 35.182 ng
RT: 7.89 min Scan# 987
Delta R.T. 0.00 min
Lab File: BF114814.D
Acq: 5 Jun 2019 12:12

Tgt Ion	Ion	Ratio	Lower	Upper
180	100			
182	95.5	76.5	114.7	
145	30.3	25.8	38.8	

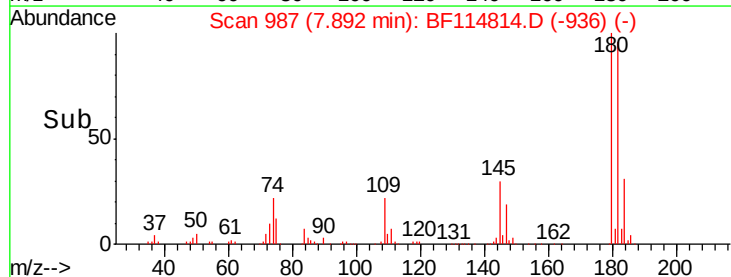
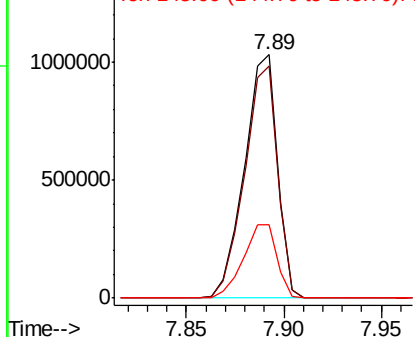


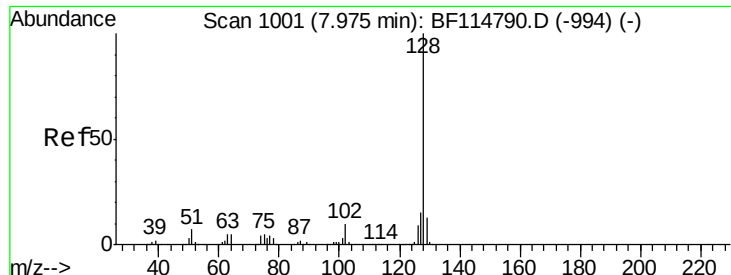
Abundance

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





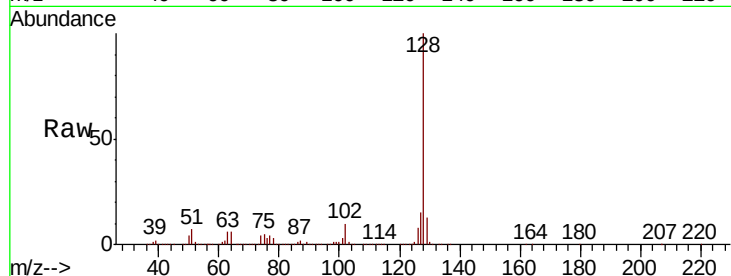
#31
Naphthalene
Concen: 38.648 ng
RT: 7.97 min Scan# 1000
Delta R.T. -0.01 min
Lab File: BF114814.D
Acq: 5 Jun 2019 12:12

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

Tot Ion	Ratio	Lower	Upper
128	100		
129	12.8	10.0	15.0
127	15.2	12.2	18.2

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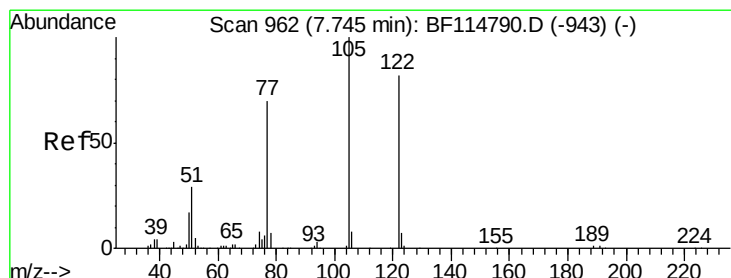
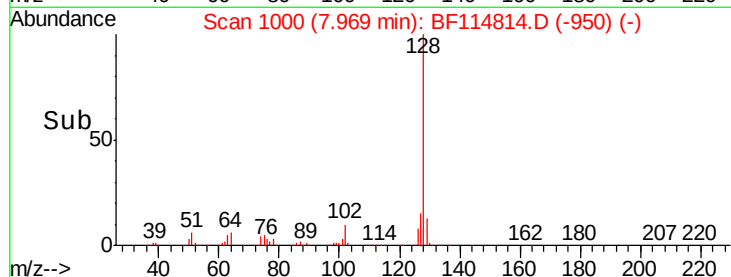
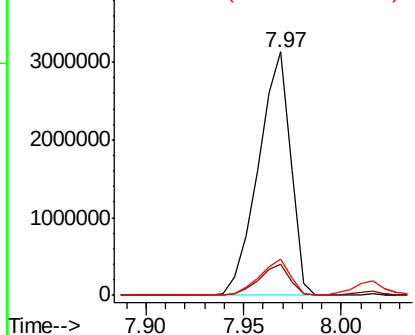


Abundance

Ion 128.00 (127.70 to 128.70): E

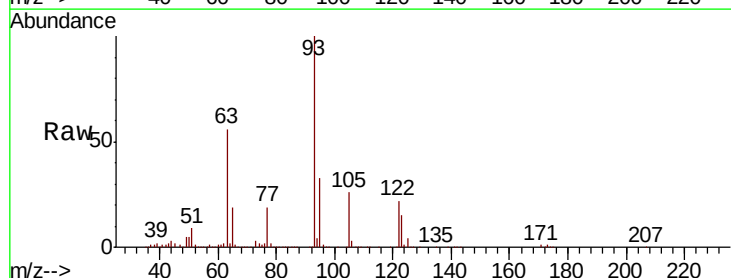
Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32
Benzoic acid
Concen: 20.258 ng
RT: 7.71 min Scan# 956
Delta R.T. -0.04 min
Lab File: BF114814.D
Acq: 5 Jun 2019 12:12

Tgt Ion	Ratio	Lower	Upper
122	100		
105	113.9	98.7	138.7
77	84.9	64.8	104.8

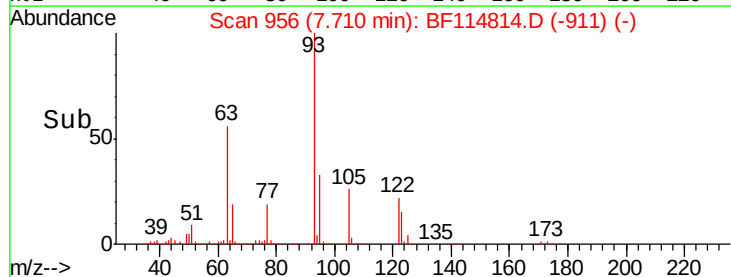
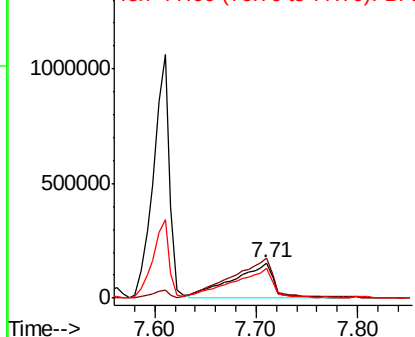


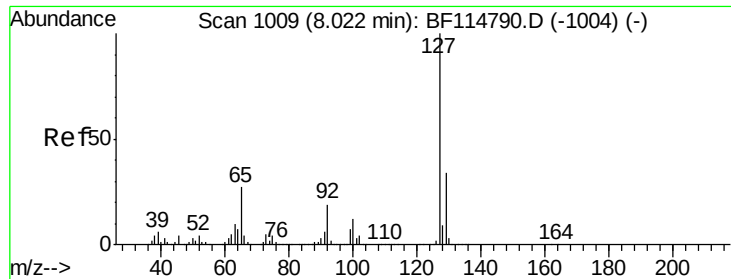
Abundance

Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1





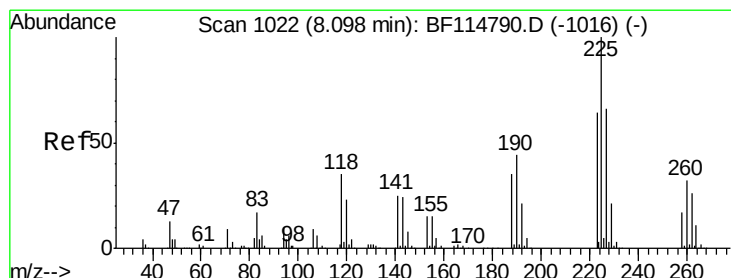
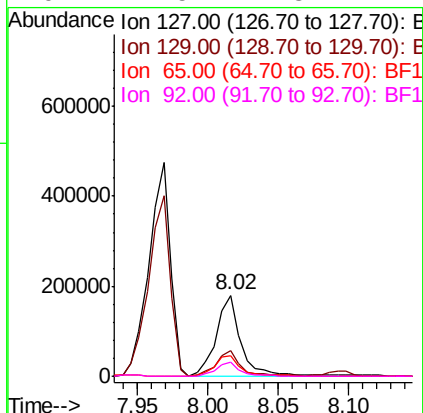
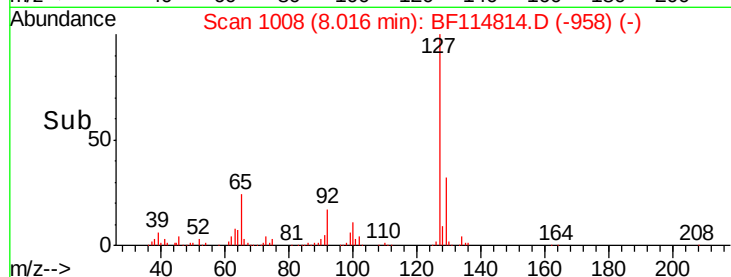
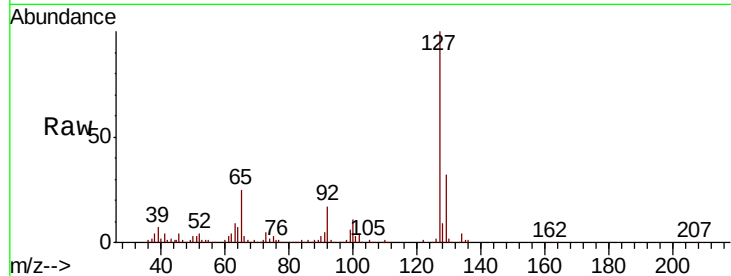
#33
4-Chloroaniline
Concen: 4.826 ng
RT: 8.02 min Scan# 1008
Delta R.T. -0.01 min
Lab File: BF114814.D
Acq: 5 Jun 2019 12:12

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

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		212894		
129	32.3	26.9	40.3		
65	25.5	21.7	32.5		
92	17.5	14.8	22.2		

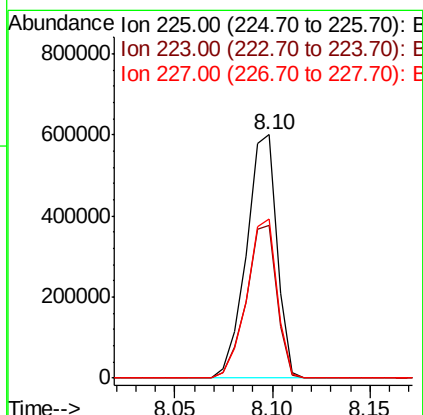
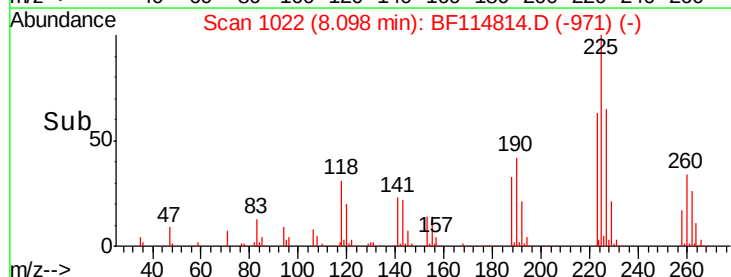
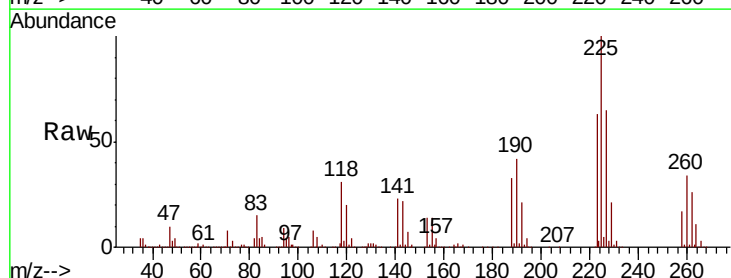
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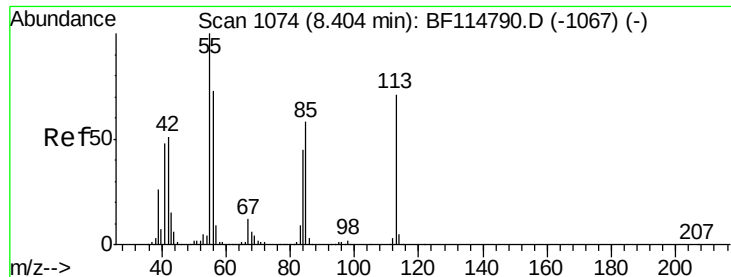
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#34
Hexachlorobutadiene
Concen: 33.305 ng
RT: 8.10 min Scan# 1022
Delta R.T. 0.00 min
Lab File: BF114814.D
Acq: 5 Jun 2019 12:12

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		650379		
223	62.8	51.0	76.6		
227	65.2	52.6	78.8		





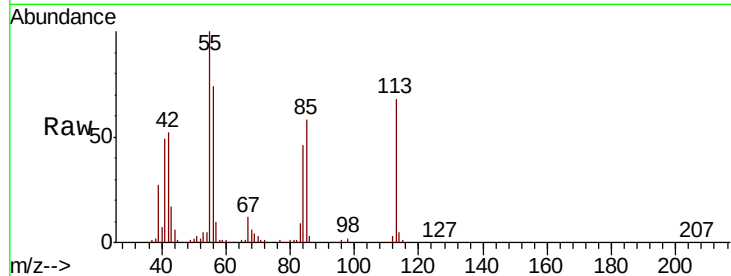
#35
Caprolactam
Concen: 29.268 ng/ml
RT: 8.39 min Scan# 1071
Delta R.T. -0.02 min
Lab File: BF114814.D
Acq: 5 Jun 2019 12:12

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

Tot Ion	Ratio	Lower	Upper
113	100		
55	146.2	121.1	161.1
56	108.6	82.6	122.6

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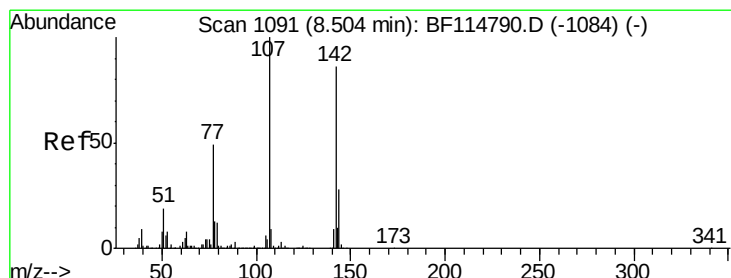
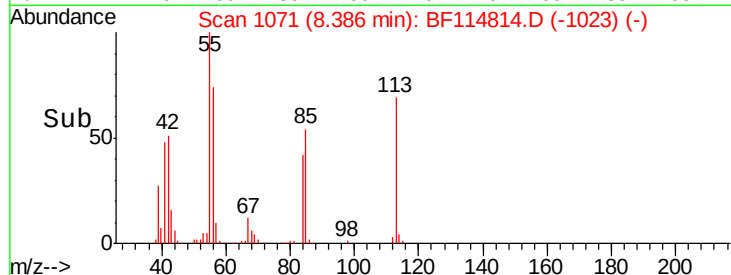
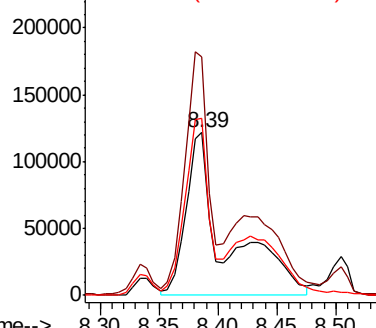


Abundance

Ion 113.00 (112.70 to 113.70): E

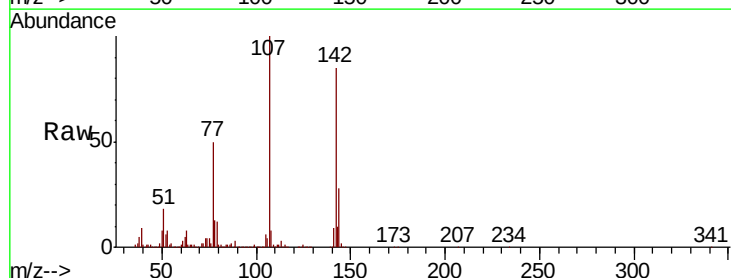
Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36
4-Chloro-3-methylphenol
Concen: 39.540 ng/ml
RT: 8.50 min Scan# 1091
Delta R.T. 0.00 min
Lab File: BF114814.D
Acq: 5 Jun 2019 12:12

Tgt Ion	Ratio	Lower	Upper
107	100		
144	28.0	22.1	33.1
142	85.3	68.4	102.6

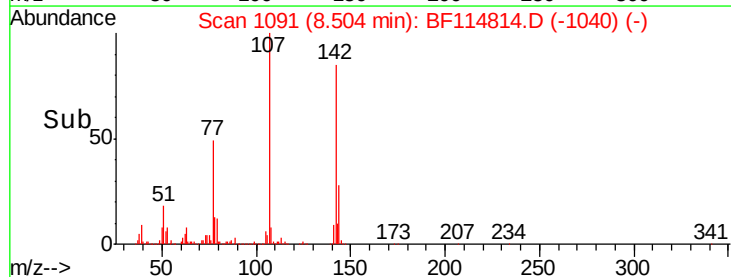
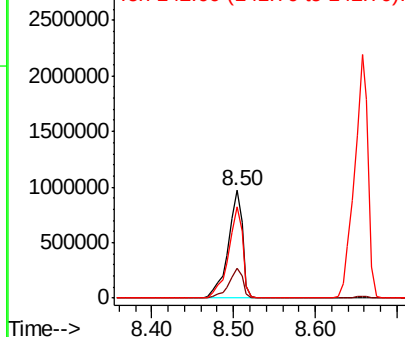


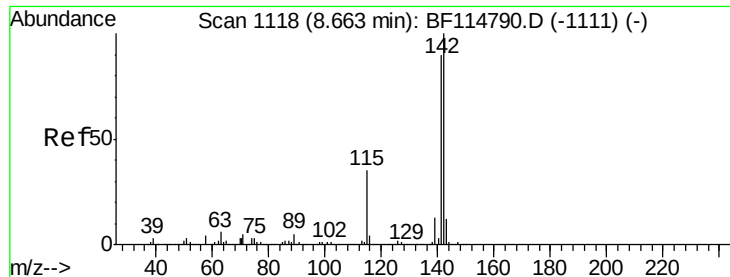
Abundance

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





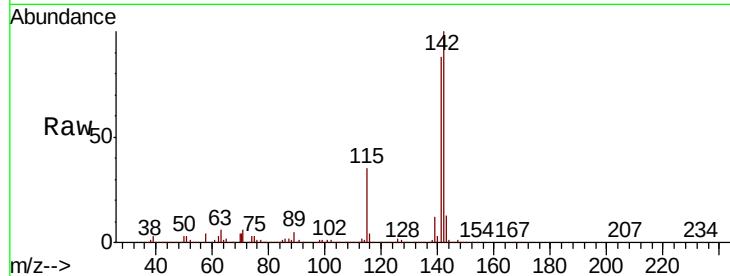
#37
2-Methylnaphthalene
Concen: 39.909 ng
RT: 8.66 min Scan# 1117
Delta R.T. -0.01 min
Lab File: BF114814.D
Acq: 5 Jun 2019 12:12

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

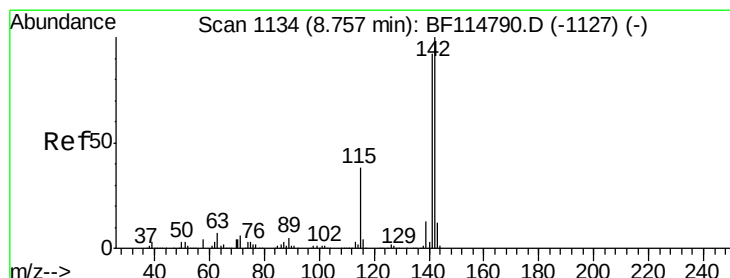
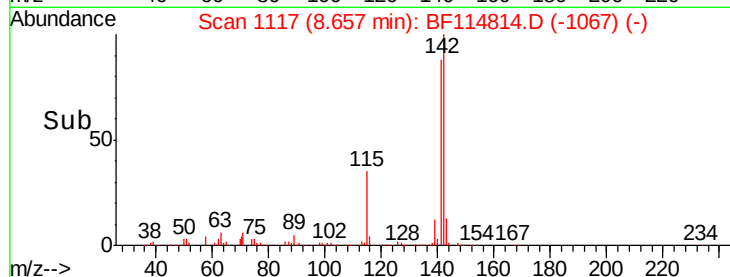
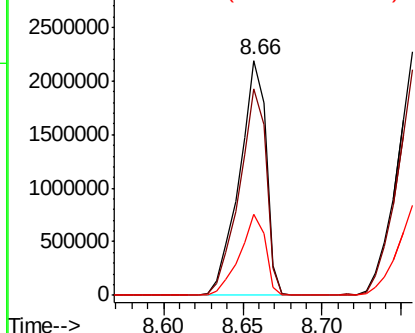
Tot Ion:142 Resp: 2559583
Ion Ratio Lower Upper
142 100
141 87.8 71.6 107.4
115 34.5 28.2 42.4

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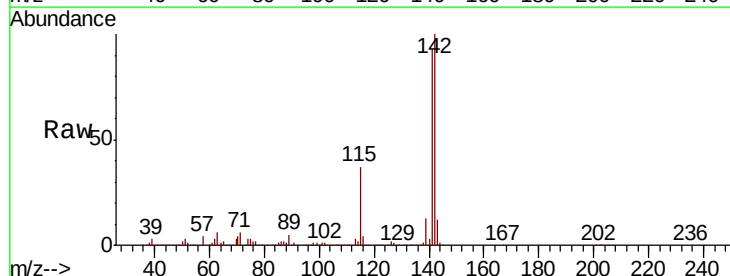


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

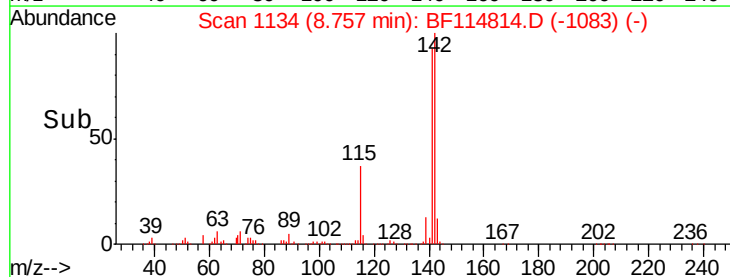
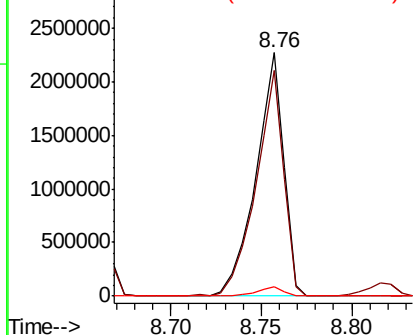


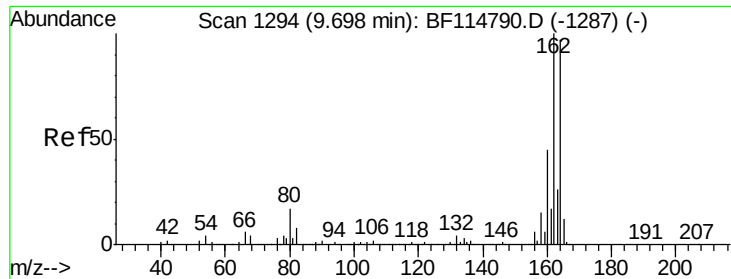
#38
1-Methylnaphthalene
Concen: 39.722 ng
RT: 8.76 min Scan# 1134
Delta R.T. 0.00 min
Lab File: BF114814.D
Acq: 5 Jun 2019 12:12

Tgt Ion:142 Resp: 2415985
Ion Ratio Lower Upper
142 100
141 92.7 73.8 110.6
116 3.9 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





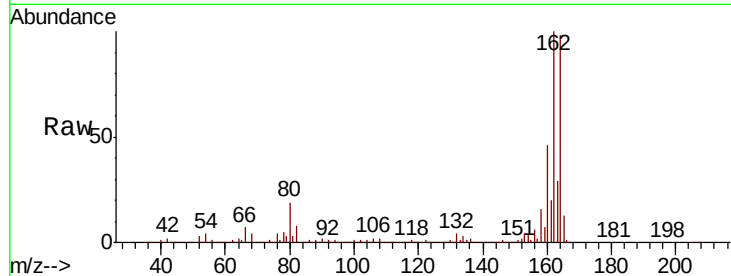
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.70 min Scan# 1294
Delta R.T. 0.00 min
Lab File: BF114814.D
Acq: 5 Jun 2019 12:12

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

Tot Ion	Ratio	Lower	Upper
164	100		
162	102.1	82.3	123.5
160	47.1	36.7	55.1

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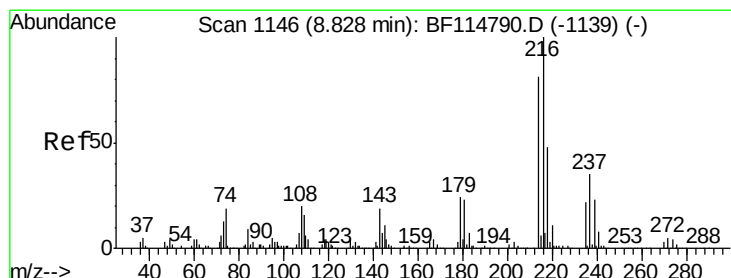
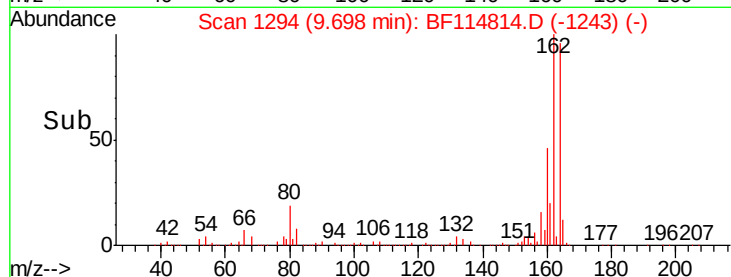
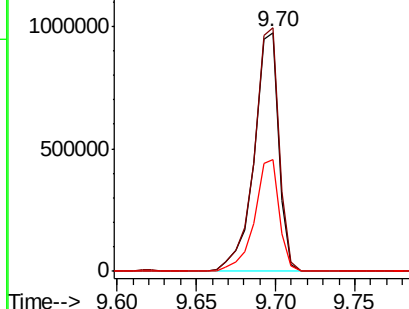


Abundance

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: 35.611 ng
RT: 8.83 min Scan# 1146
Delta R.T. 0.00 min
Lab File: BF114814.D
Acq: 5 Jun 2019 12:12

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.5	63.4	95.2
179	22.5	18.3	27.5
108	20.6	15.5	23.3

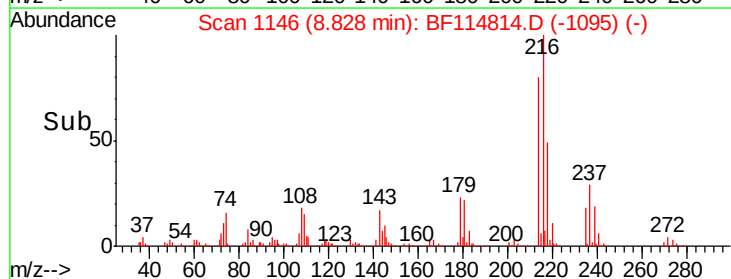
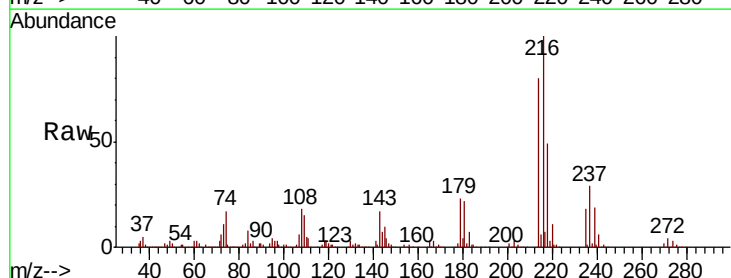
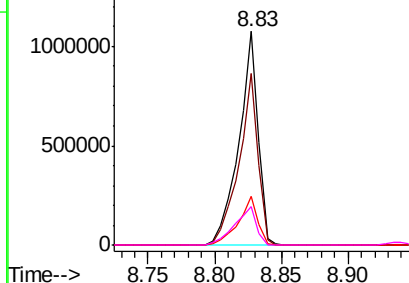
Abundance

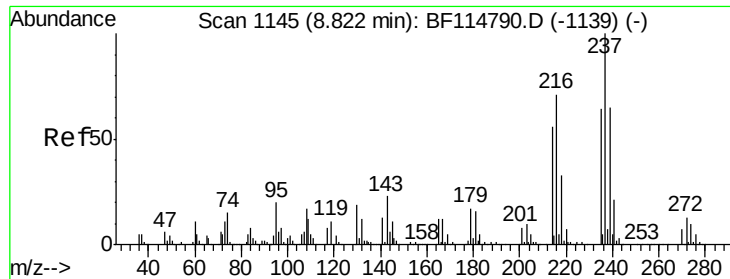
Ion 216.00 (215.70 to 216.70): E

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: 58.684 ng

RT: 8.82 min Scan# 1145

Delta R.T. 0.00 min

Lab File: BF114814.D

Acq: 5 Jun 2019 12:12

Instrument :

BNA_F

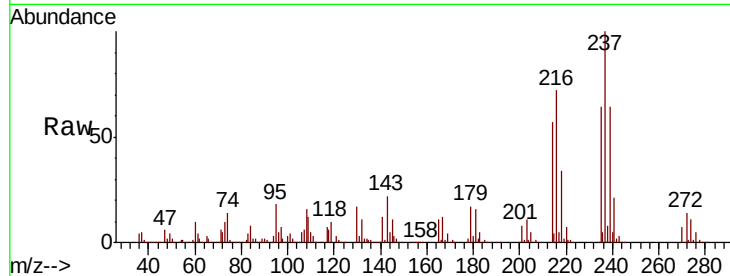
ClientSampleId :

CL-02-053119-AMS

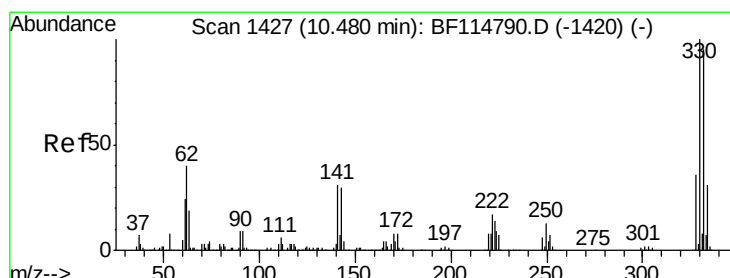
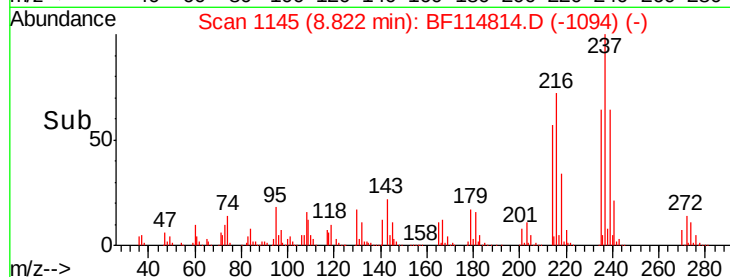
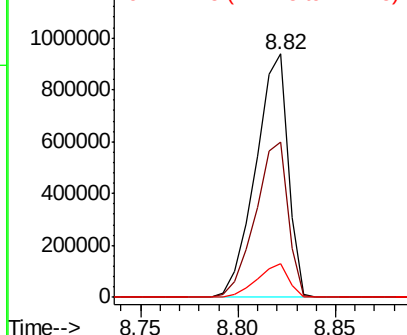
Tot Ion:	237	Resp:	1081297
Ion Ratio	Lower	Upper	
237	100		
235	63.8	44.0	84.0
272	13.9	0.0	33.4

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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: 106.180 ng

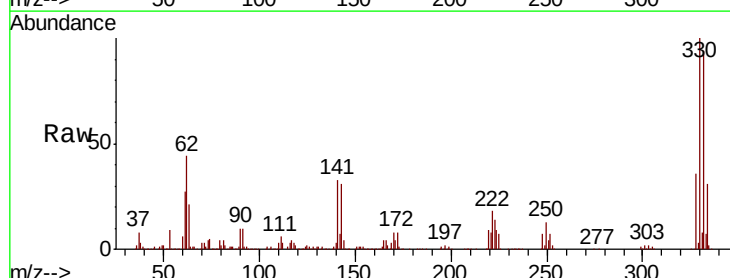
RT: 10.48 min Scan# 1427

Delta R.T. 0.00 min

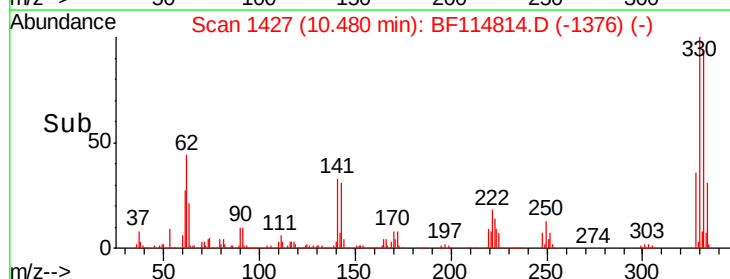
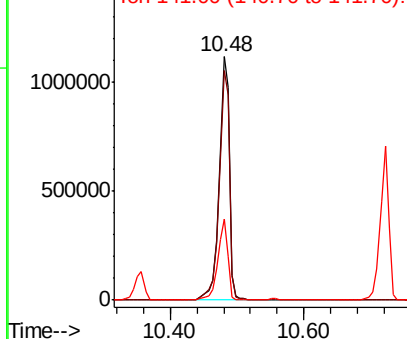
Lab File: BF114814.D

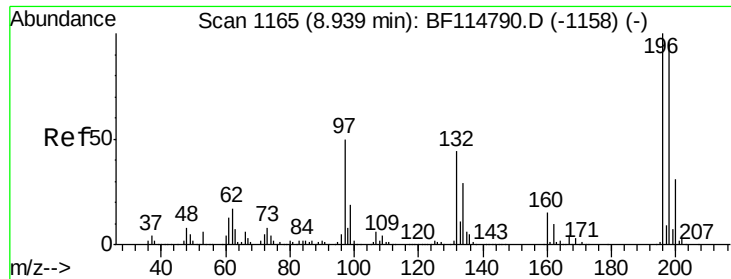
Acq: 5 Jun 2019 12:12

Tgt Ion:	330	Resp:	1206297
Ion Ratio	Lower	Upper	
330	100		
332	95.6	77.3	115.9
141	32.3	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





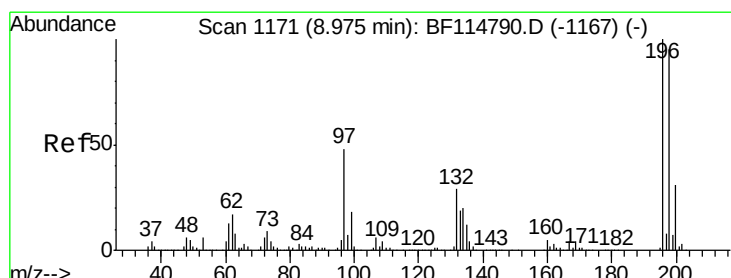
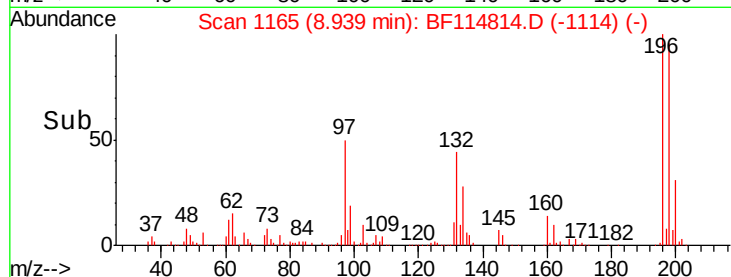
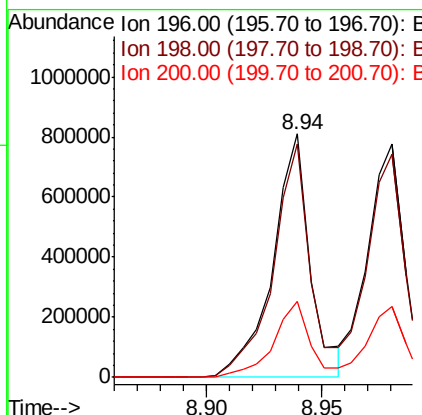
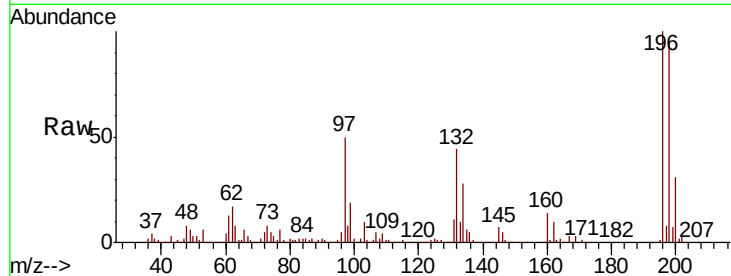
#43
 2,4,6-Trichlorophenol
 Concen: 38.429 ng
 RT: 8.94 min Scan# 1165
 Delta R.T. 0.00 min
 Lab File: BF114814.D
 Acq: 5 Jun 2019 12:12

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

Tot Ion	Ratio	Resp	Lower	Upper
196	100	907855		
198	95.8		77.1	115.7
200	31.0		24.6	36.8

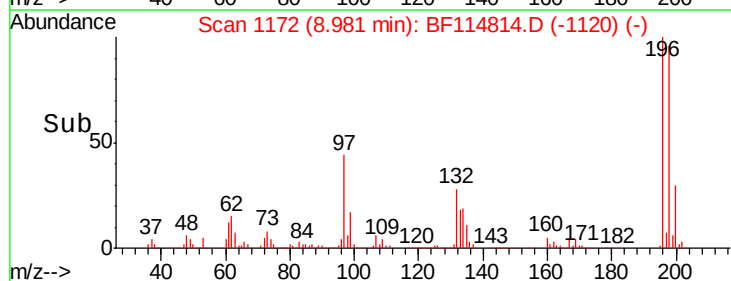
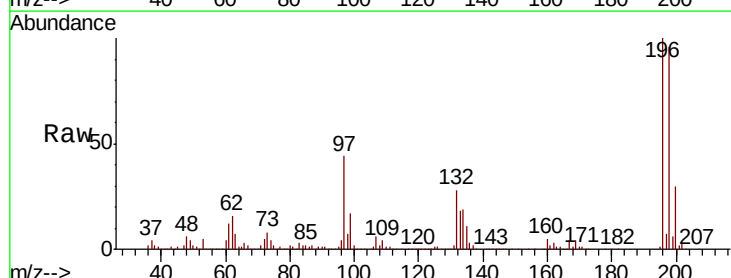
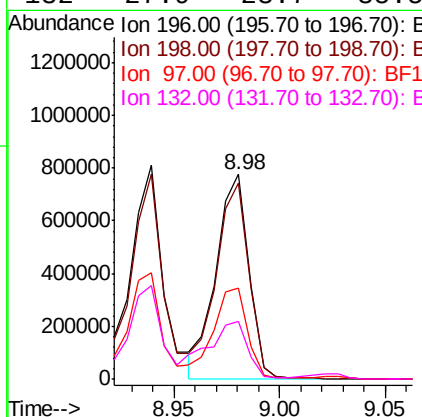
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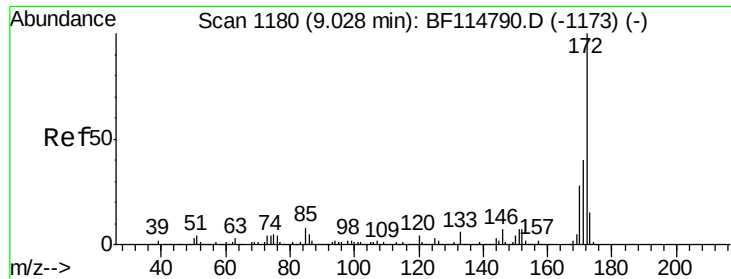
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#44
 2,4,5-Trichlorophenol
 Concen: 35.107 ng
 RT: 8.98 min Scan# 1172
 Delta R.T. 0.01 min
 Lab File: BF114814.D
 Acq: 5 Jun 2019 12:12

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	835258		
198	95.8		76.2	114.4
97	44.5		38.2	57.4
132	27.9		23.7	35.5





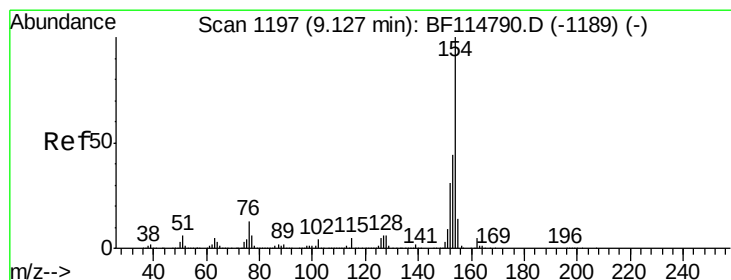
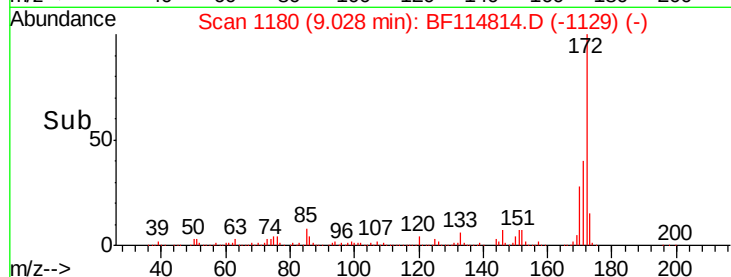
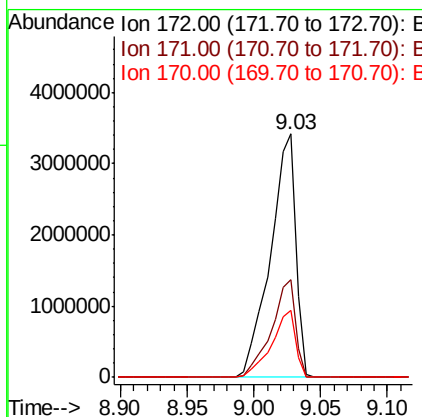
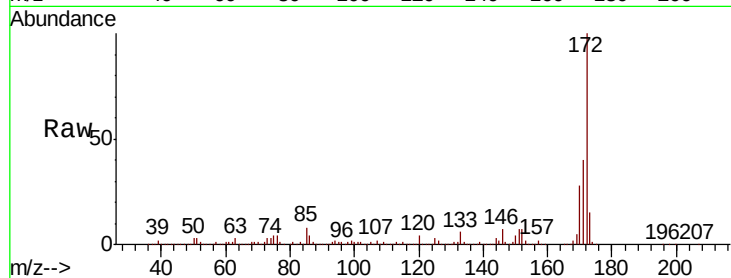
#45
2-Fluorobiphenyl
Concen: 80.916 ng
RT: 9.03 min Scan# 1180
Delta R.T. 0.00 min
Lab File: BF114814.D
Acq: 5 Jun 2019 12:12

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

Tot Ion:172 Resp: 4553706
Ion Ratio Lower Upper
172 100
171 40.0 32.3 48.5
170 27.7 22.4 33.6

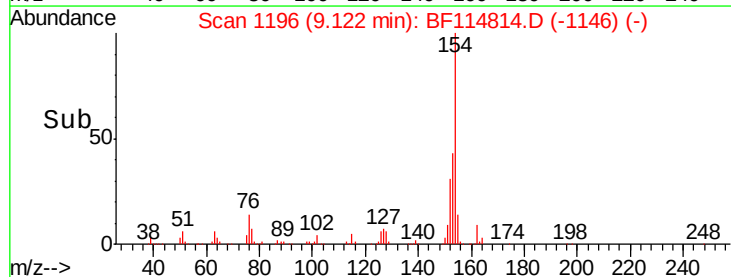
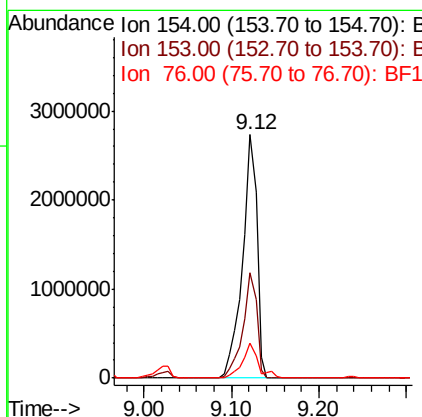
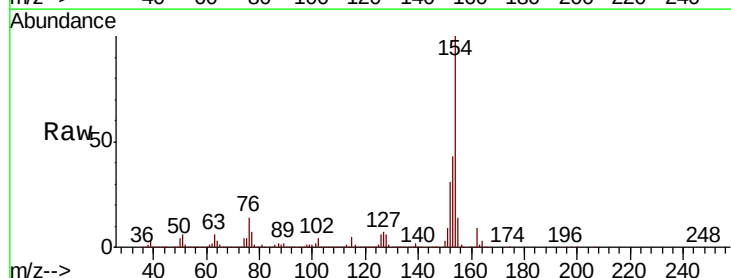
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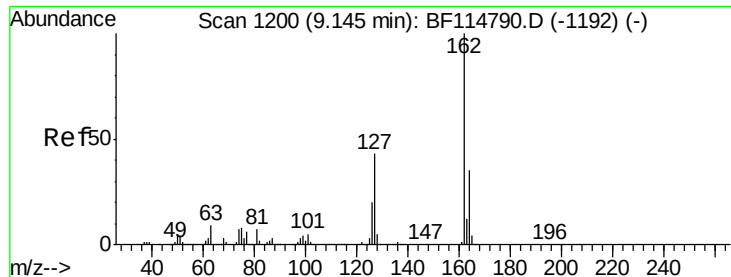
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#46
1,1'-Biphenyl
Concen: 38.090 ng
RT: 9.12 min Scan# 1196
Delta R.T. -0.01 min
Lab File: BF114814.D
Acq: 5 Jun 2019 12:12

Tgt Ion:154 Resp: 2976105
Ion Ratio Lower Upper
154 100
153 43.4 23.9 63.9
76 14.5 0.0 33.2





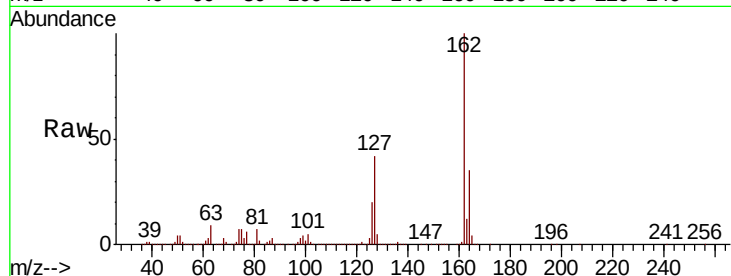
#47
2-Chloronaphthalene
Concen: 35.998 ng
RT: 9.15 min Scan# 1200
Delta R.T. 0.00 min
Lab File: BF114814.D
Acq: 5 Jun 2019 12:12

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

Tot Ion	Ratio	Lower	Upper
162	100		
127	42.1	34.6	51.8
164	35.1	27.8	41.8

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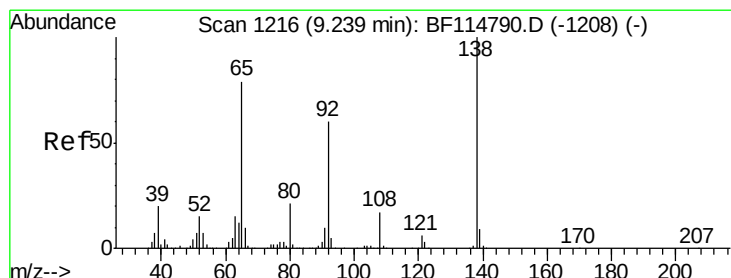
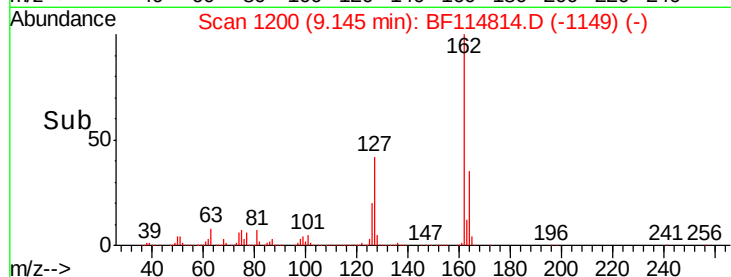
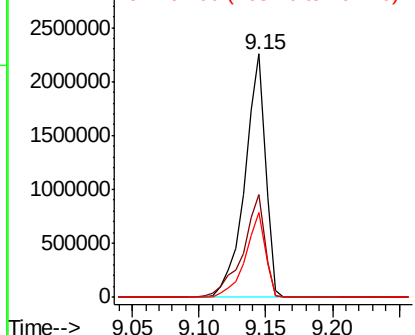


Abundance

Ion 162.00 (161.70 to 162.70): E

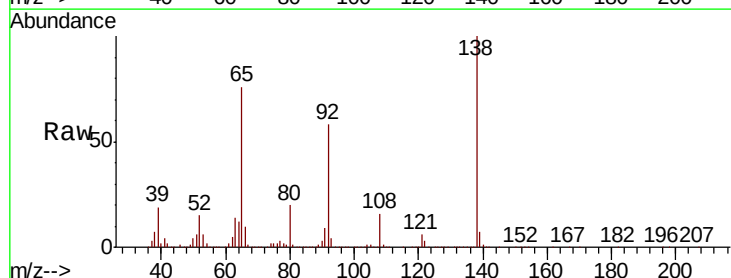
Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48
2-Nitroaniline
Concen: 36.812 ng
RT: 9.24 min Scan# 1216
Delta R.T. 0.00 min
Lab File: BF114814.D
Acq: 5 Jun 2019 12:12

Tgt Ion	Ratio	Lower	Upper
65	100		
92	76.2	60.4	90.6
138	131.7	101.2	151.8

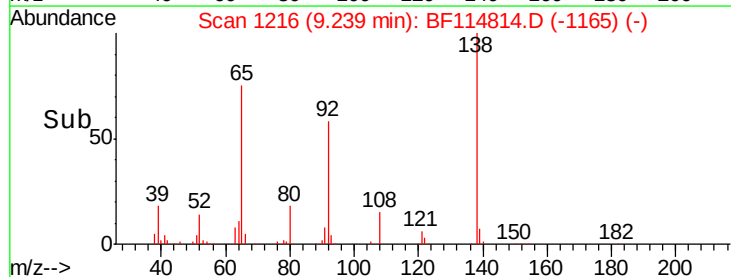
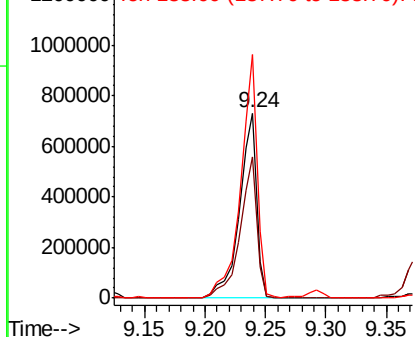


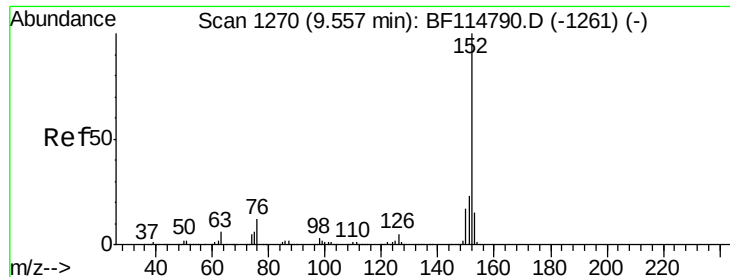
Abundance

Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 37.871 ng

RT: 9.56 min Scan# 1270

Delta R.T. 0.00 min

Lab File: BF114814.D

Acq: 5 Jun 2019 12:12

Instrument :

BNA_F

ClientSampleId :

CL-02-053119-AMS

Tot Ion:152 Resp: 3646195

Ion Ratio Lower Upper

152 100

151 23.7 18.3 27.5

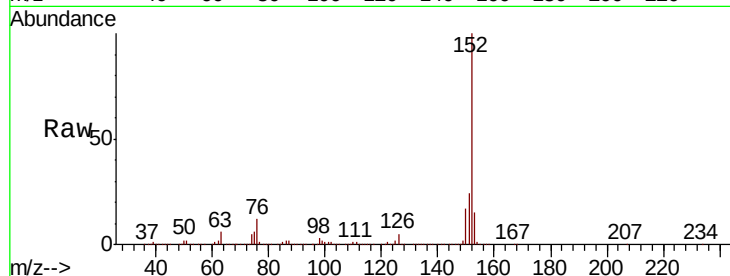
153 15.4 12.3 18.5

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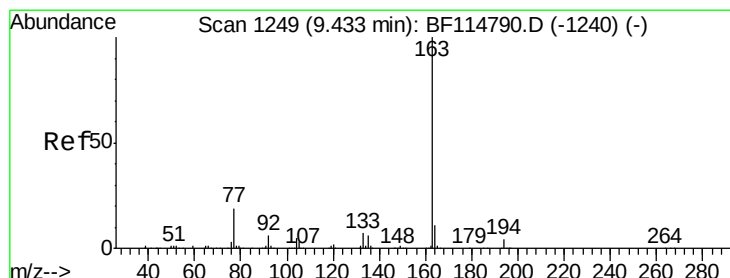
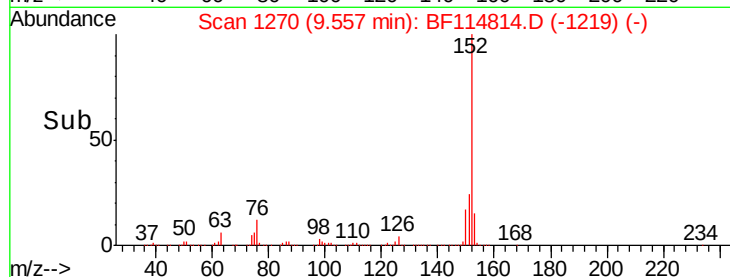
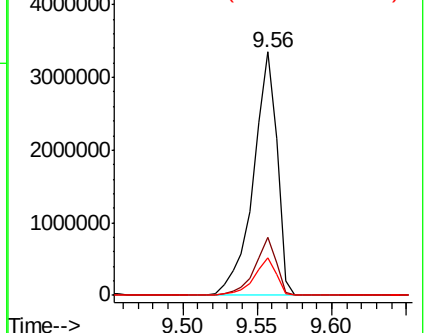
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Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 37.270 ng

RT: 9.43 min Scan# 1248

Delta R.T. -0.01 min

Lab File: BF114814.D

Acq: 5 Jun 2019 12:12

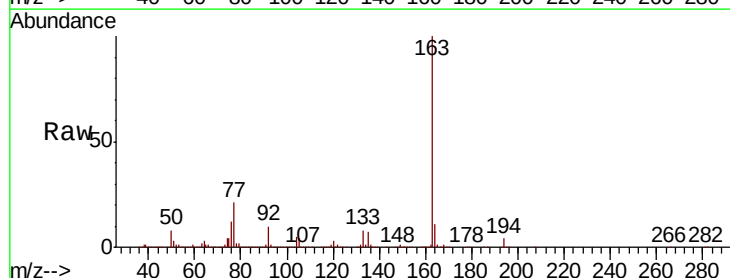
Tgt Ion:163 Resp: 2869632

Ion Ratio Lower Upper

163 100

194 4.2 3.4 5.2

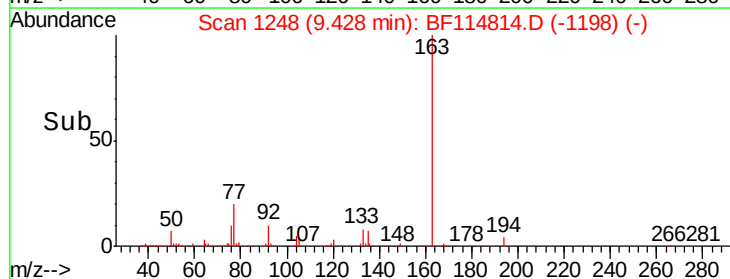
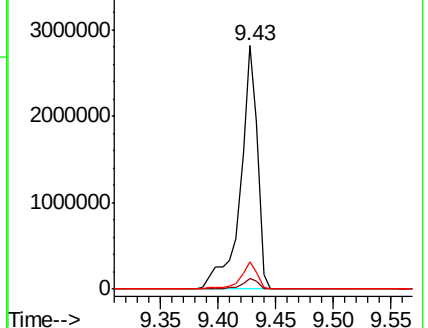
164 11.5 8.6 13.0

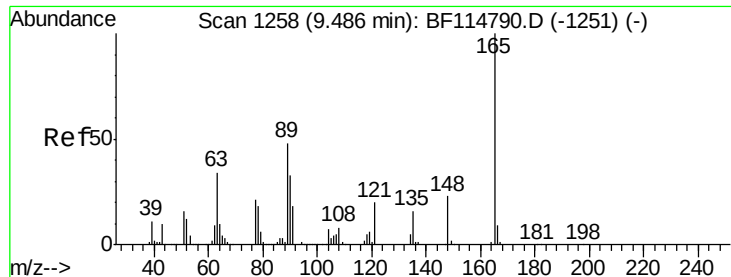


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





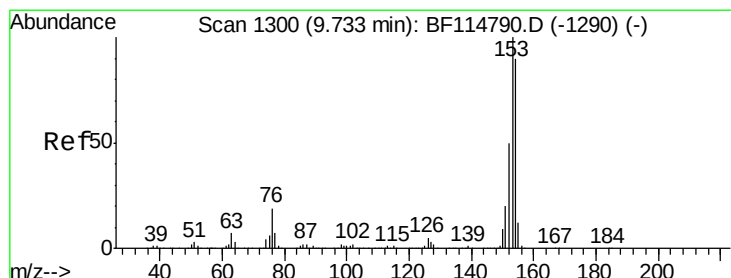
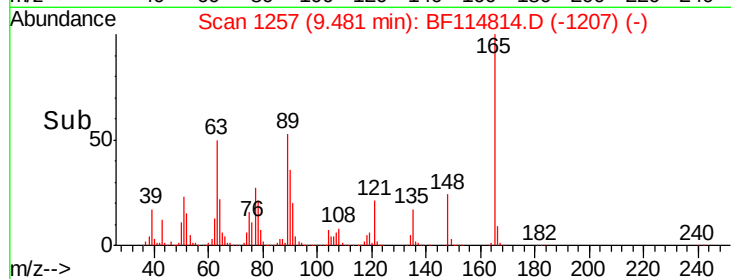
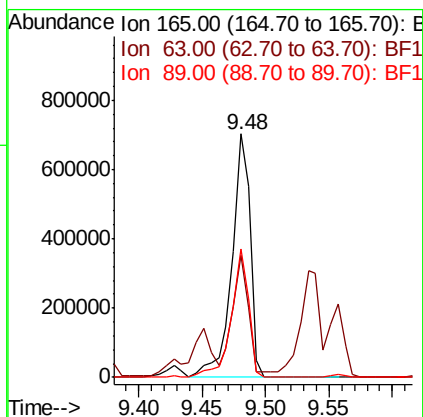
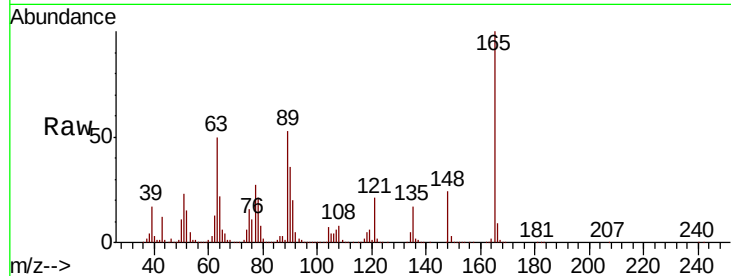
#51
 2,6-Dinitrotoluene
 Concen: 38.424 ng
 RT: 9.48 min Scan# 1257
 Delta R.T. -0.01 min
 Lab File: BF114814.D
 Acq: 5 Jun 2019 12:12

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

Tot Ion	Ratio	Lower	Upper
165	100		
63	50.0	35.1	52.7
89	52.9	38.2	57.2

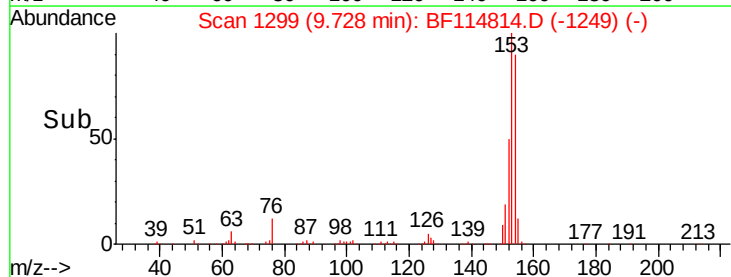
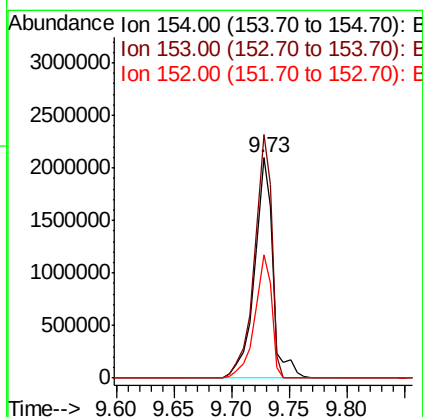
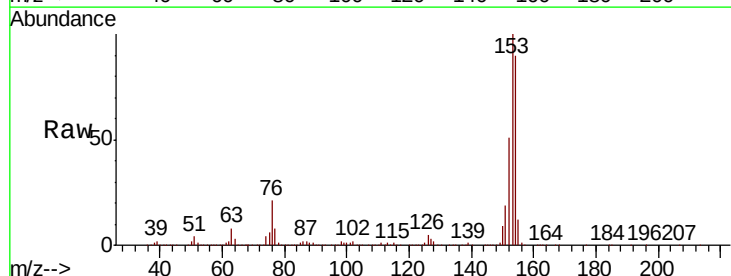
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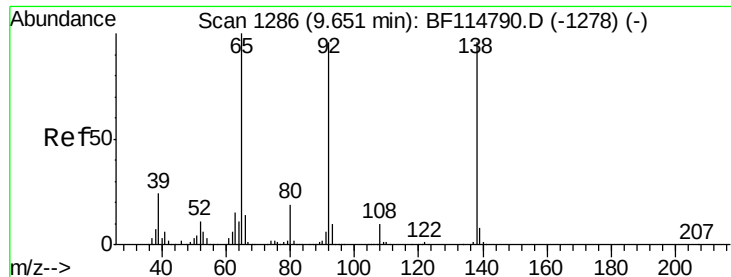
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#52
 Acenaphthene
 Concen: 36.639 ng
 RT: 9.73 min Scan# 1299
 Delta R.T. -0.01 min
 Lab File: BF114814.D
 Acq: 5 Jun 2019 12:12

Tgt Ion	Ratio	Lower	Upper
154	100		
153	110.6	88.5	132.7
152	56.0	44.1	66.1





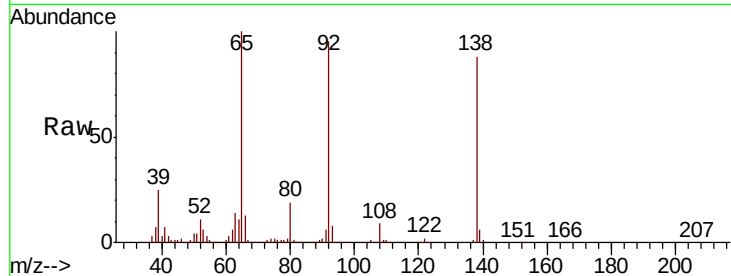
#53
3-Nitroaniline
Concen: 14.721 ng
RT: 9.64 min Scan# 1284
Delta R.T. -0.01 min
Lab File: BF114814.D
Acq: 5 Jun 2019 12:12

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

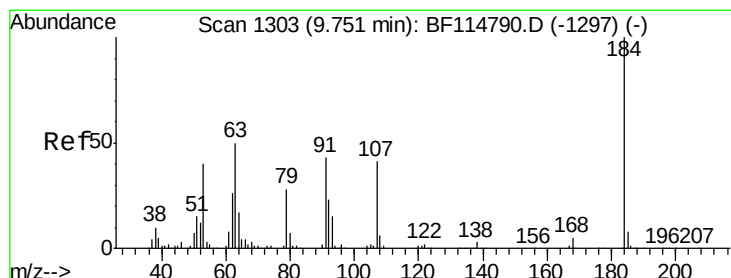
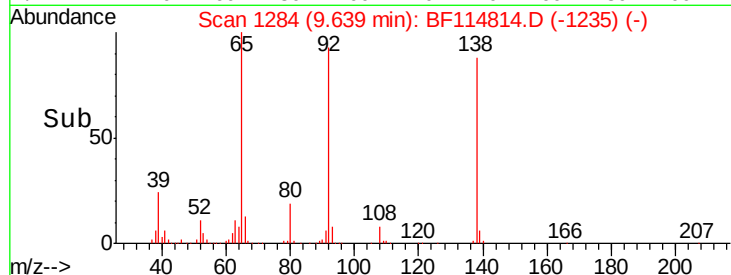
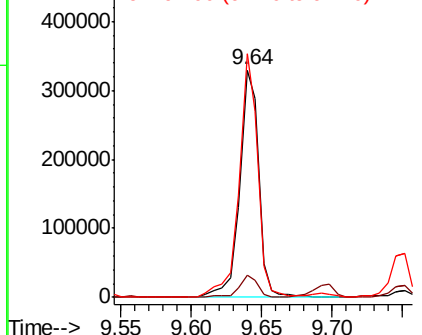
Tot Ion	Ratio	Resp	Lower	Upper
138	100			
108	9.9	7.9	11.9	
92	107.2	79.9	119.9	

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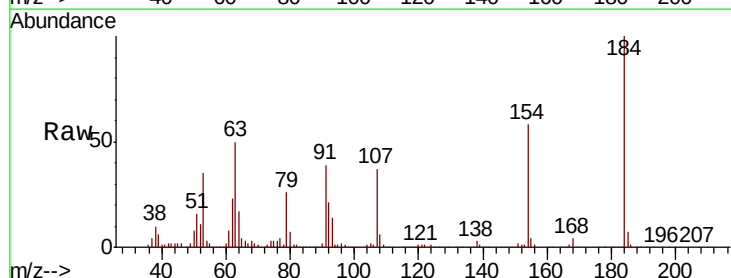


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

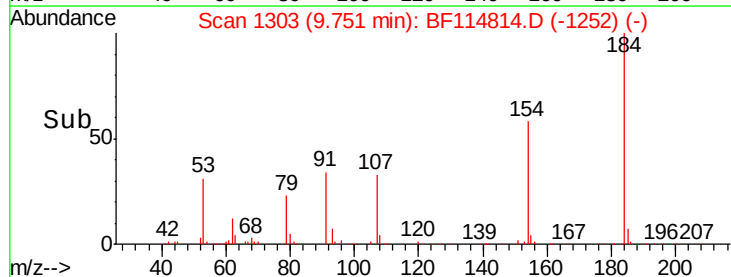
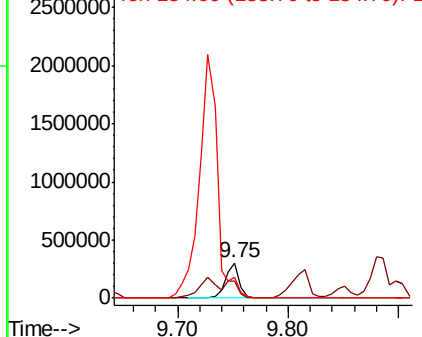


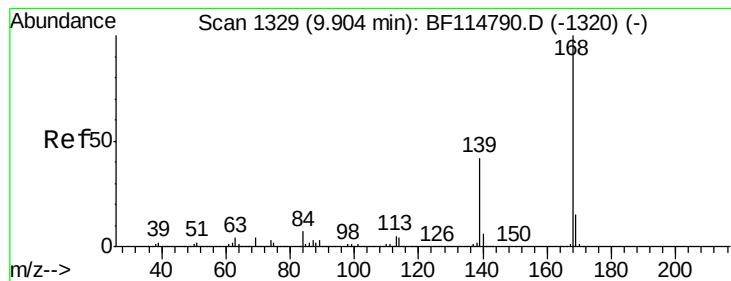
#54
2,4-Dinitrophenol
Concen: 32.739 ng
RT: 9.75 min Scan# 1303
Delta R.T. 0.00 min
Lab File: BF114814.D
Acq: 5 Jun 2019 12:12

Tgt Ion	Ratio	Resp	Lower	Upper
184	100			
63	49.6	44.1	66.1	
154	58.1	48.1	72.1	



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





#55

Dibenzofuran

Concen: 36.981 ng

RT: 9.90 min Scan# 1329

Delta R.T. 0.00 min

Lab File: BF114814.D

Acq: 5 Jun 2019 12:12

Instrument :

BNA_F

ClientSampleId :

CL-02-053119-AMS

Tot Ion:168 Resp: 3243273

Ion Ratio Lower Upper

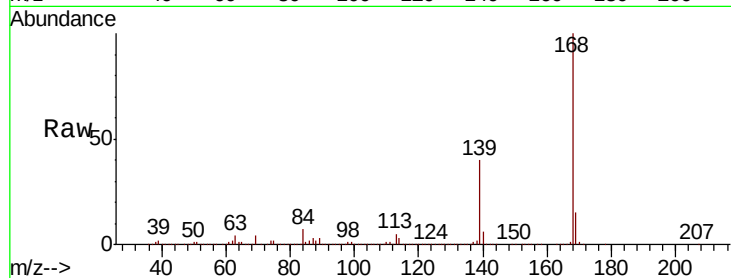
168 100

139 39.8 33.8 50.6

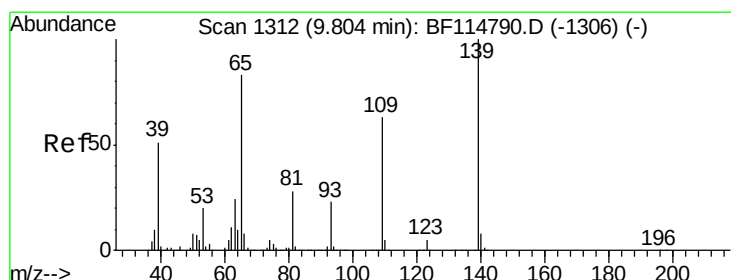
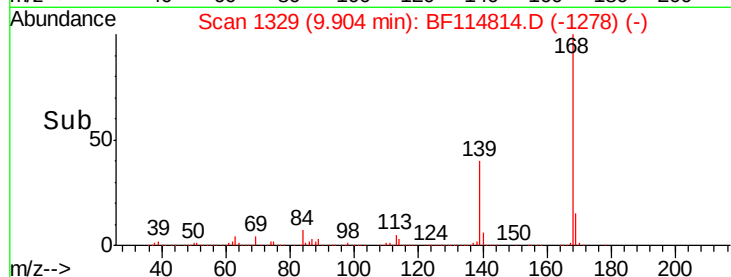
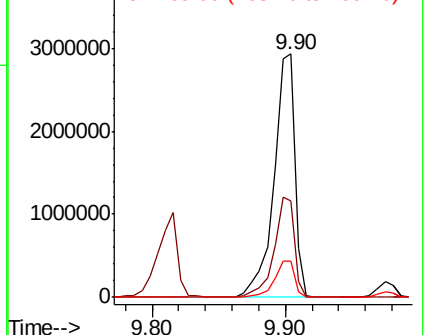
169 14.7 11.9 17.9

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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: 68.599 ng

RT: 9.82 min Scan# 1314

Delta R.T. 0.01 min

Lab File: BF114814.D

Acq: 5 Jun 2019 12:12

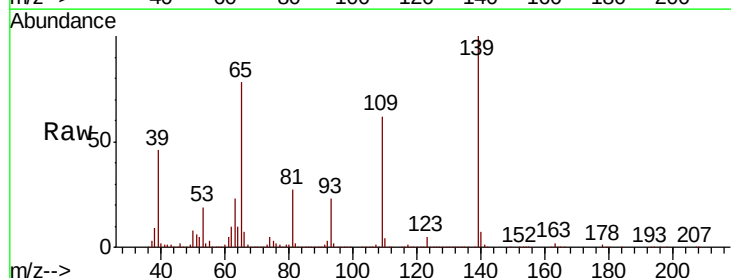
Tgt Ion:139 Resp: 1063306

Ion Ratio Lower Upper

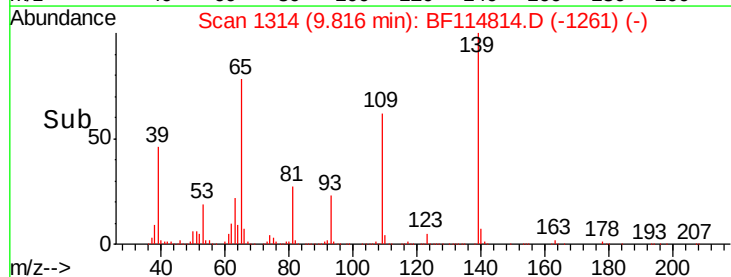
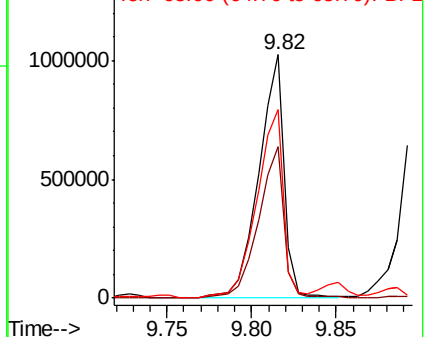
139 100

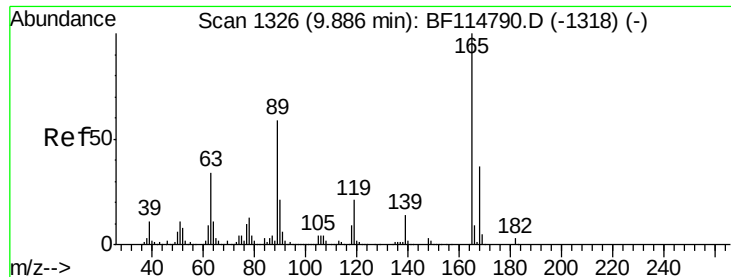
109 62.1 43.5 83.5

65 77.7 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





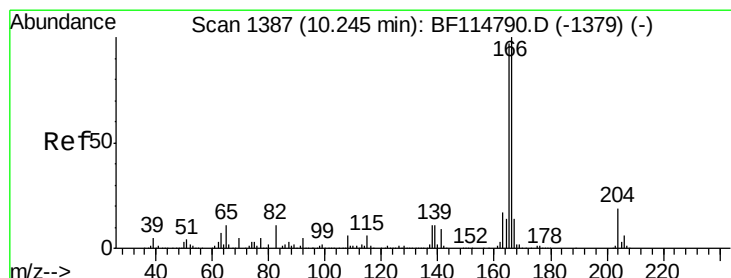
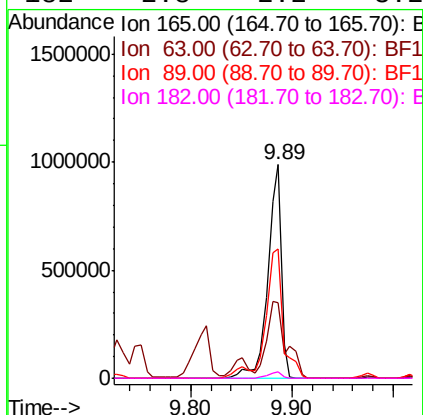
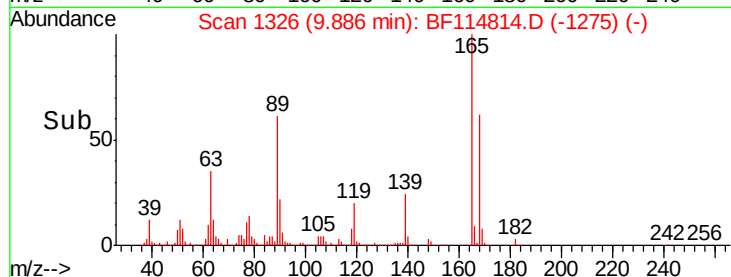
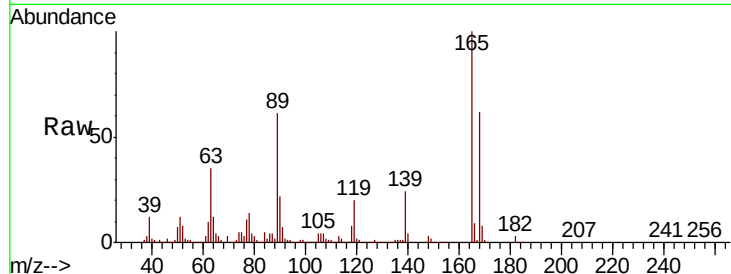
#57
 2,4-Dinitrotoluene
 Concen: 40.489 ng
 RT: 9.89 min Scan# 1326
 Delta R.T. 0.00 min
 Lab File: BF114814.D
 Acq: 5 Jun 2019 12:12

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

Tot Ion	Ratio	Resp	Lower	Upper
165	100	921682		
63	35.2	27.0	40.4	
89	60.8	47.0	70.6	
182	2.8	2.2	3.2	

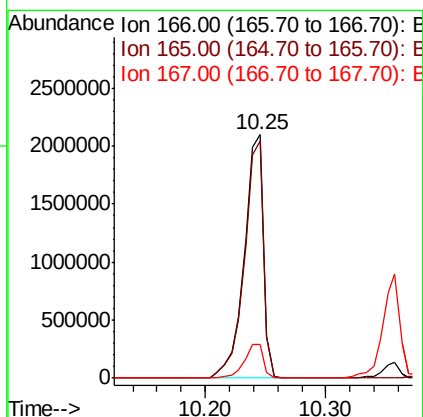
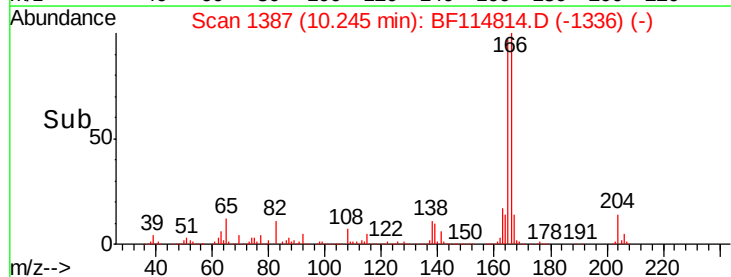
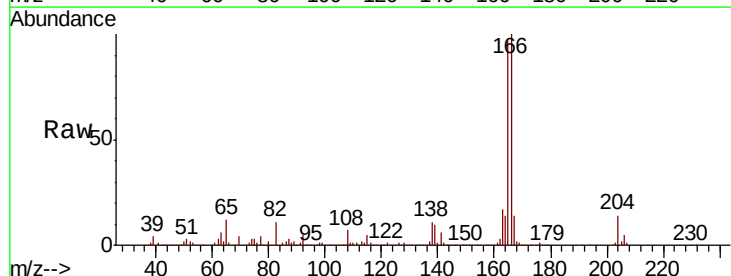
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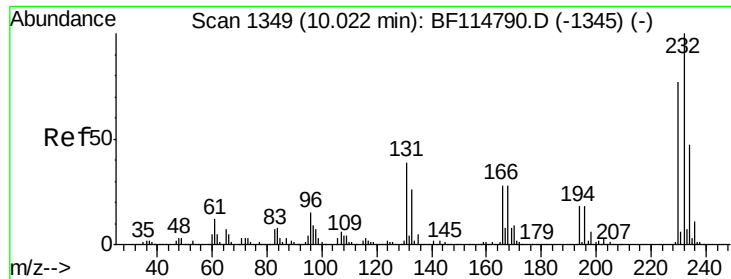
mohammad
 6/6/2019 4:49:44 PM



#58
 Fluorene
 Concen: 40.443 ng
 RT: 10.25 min Scan# 1387
 Delta R.T. 0.00 min
 Lab File: BF114814.D
 Acq: 5 Jun 2019 12:12

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	2325629		
165	97.3	77.9	116.9	
167	13.8	11.3	16.9	





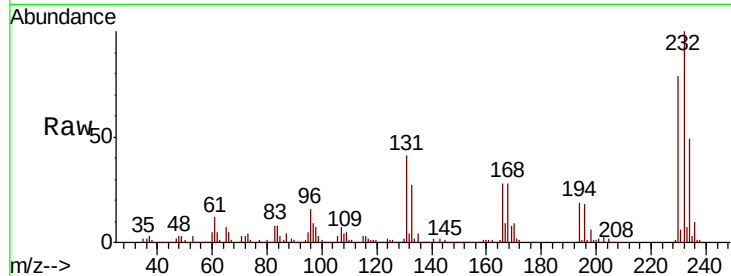
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 38.864 ng
 RT: 10.02 min Scan# 1349
 Delta R.T. 0.00 min
 Lab File: BF114814.D
 Acq: 5 Jun 2019 12:12

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

Tot Ion	Ratio	Lower	Upper
232	100		
131	46.1	36.8	55.2
130	2.3	1.8	2.6
166	30.6	24.6	37.0

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Abundance

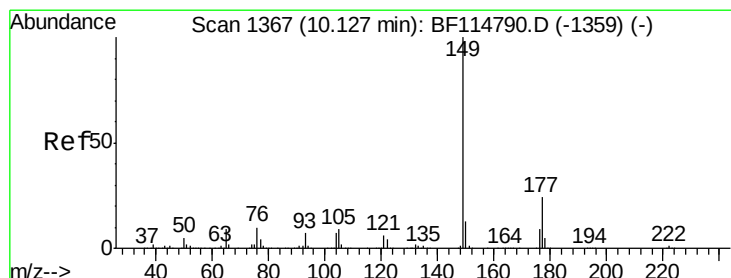
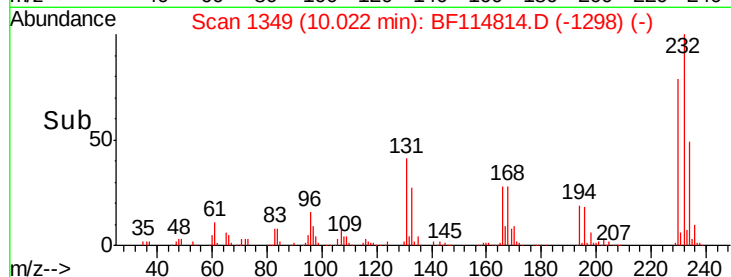
Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

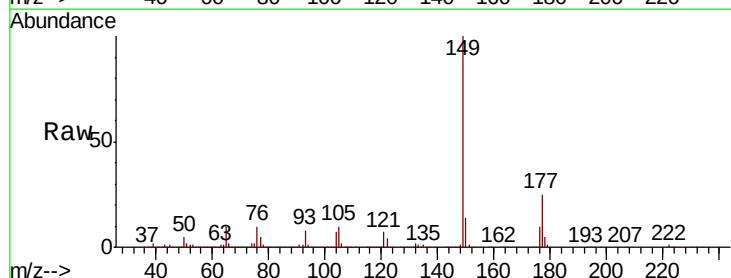
Ion 166.00 (165.70 to 166.70): E

Time-->



#60
 Diethylphthalate
 Concen: 37.362 ng
 RT: 10.13 min Scan# 1367
 Delta R.T. 0.00 min
 Lab File: BF114814.D
 Acq: 5 Jun 2019 12:12

Tgt Ion	Ratio	Lower	Upper
149	100		
177	24.7	19.3	28.9
150	14.0	10.7	16.1



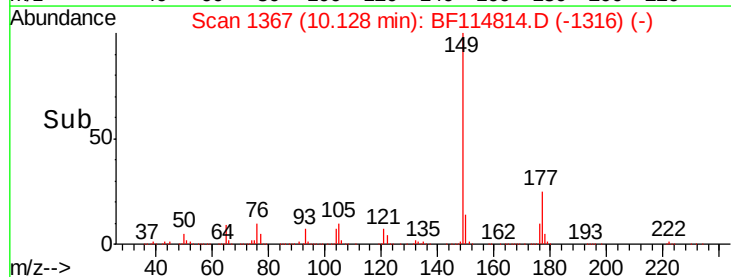
Abundance

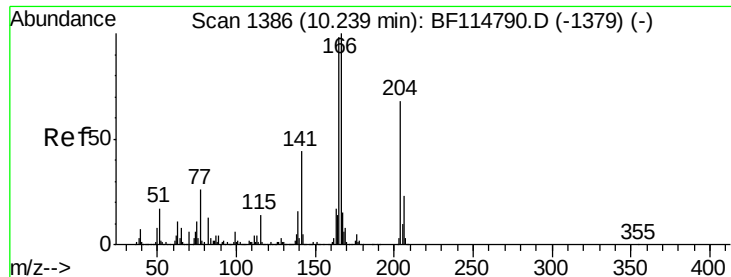
Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

Time-->





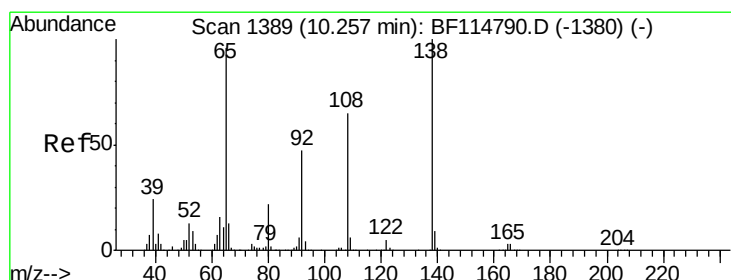
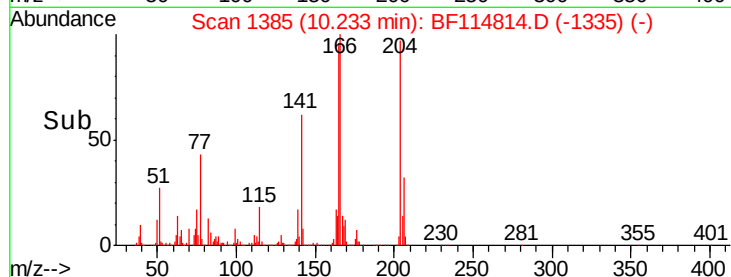
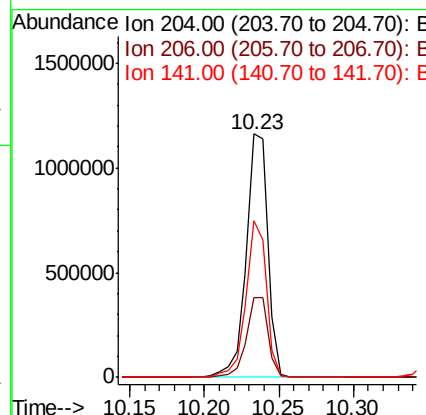
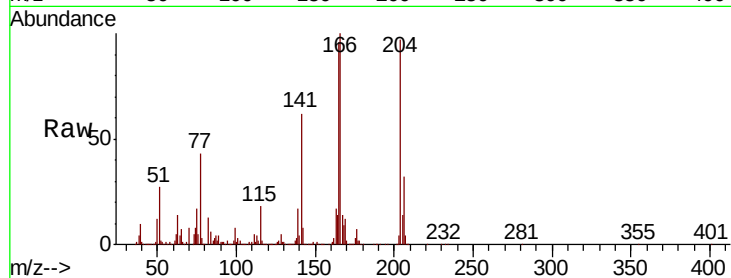
#61
4-Chlorophenyl-phenylether
Concen: 34.834 ng
RT: 10.23 min Scan# 1385
Delta R.T. -0.01 min
Lab File: BF114814.D
Acq: 5 Jun 2019 12:12

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

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.8	26.5	39.7
141	64.4	51.0	76.4

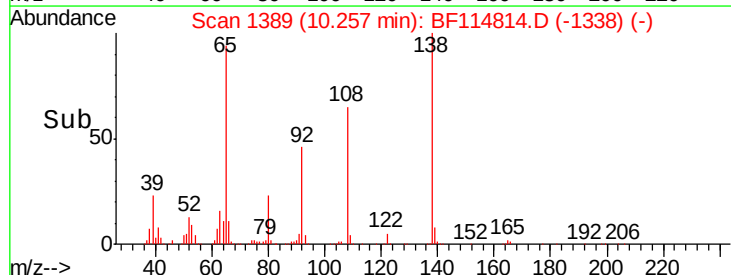
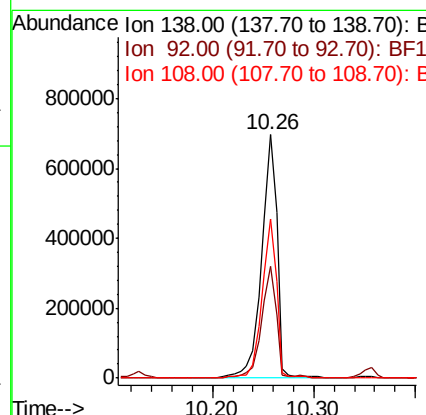
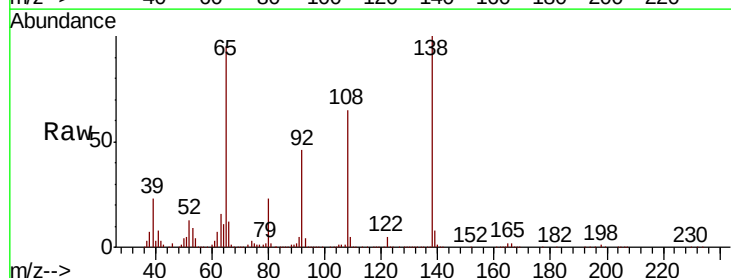
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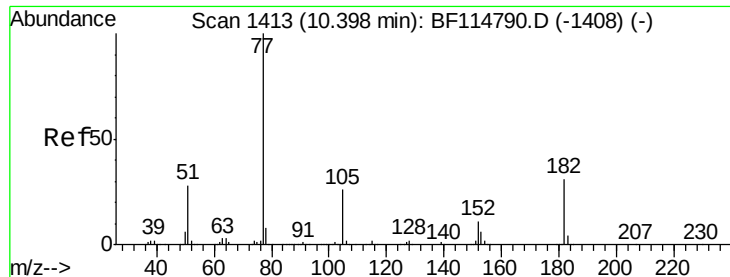
mohammad
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#62
4-Nitroaniline
Concen: 35.665 ng
RT: 10.26 min Scan# 1389
Delta R.T. 0.00 min
Lab File: BF114814.D
Acq: 5 Jun 2019 12:12

Tgt Ion	Ratio	Lower	Upper
138	100		
92	45.8	26.5	66.5
108	65.1	45.4	85.4





#63

Azobenzene

Concen: 38.778 ng

RT: 10.40 min Scan# 1413

Delta R.T. 0.00 min

Lab File: BF114814.D

Acq: 5 Jun 2019 12:12

Instrument :

BNA_F

ClientSampleId :

CL-02-053119-AMS

Tot Ion: 77 Resp: 2550295

Ion Ratio Lower Upper

77 100

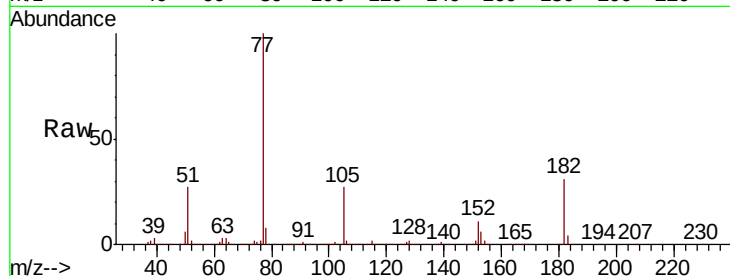
182 31.5 11.2 51.2

105 26.5 5.7 45.7

51 27.1 8.0 48.0

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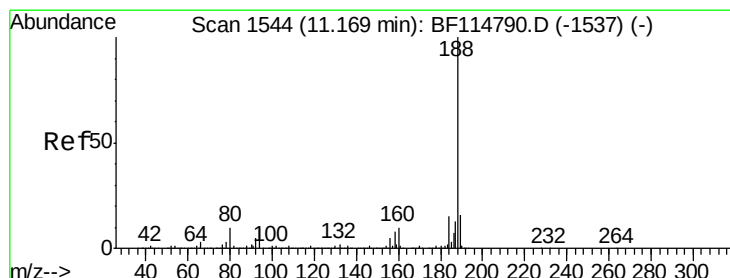
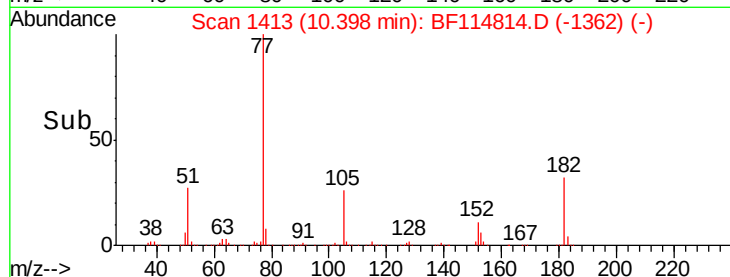
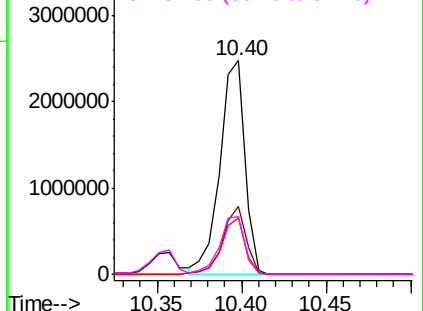


Abundance Ion 77.00 (76.70 to 77.70): BF1

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: 11.17 min Scan# 1544

Delta R.T. 0.00 min

Lab File: BF114814.D

Acq: 5 Jun 2019 12:12

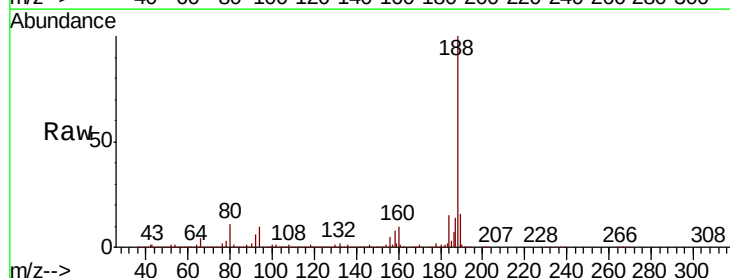
Tgt Ion: 188 Resp: 2078490

Ion Ratio Lower Upper

188 100

94 10.4 7.6 11.4

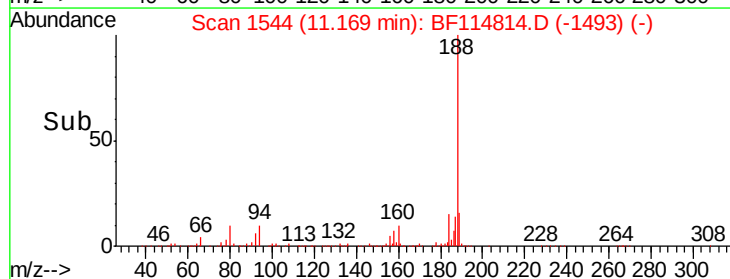
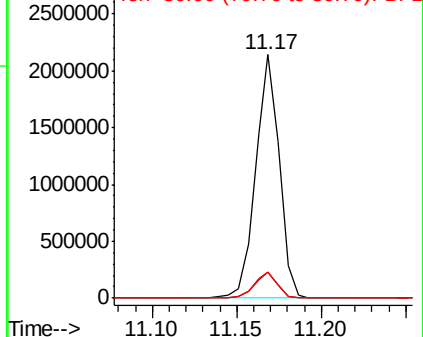
80 10.5 8.3 12.5

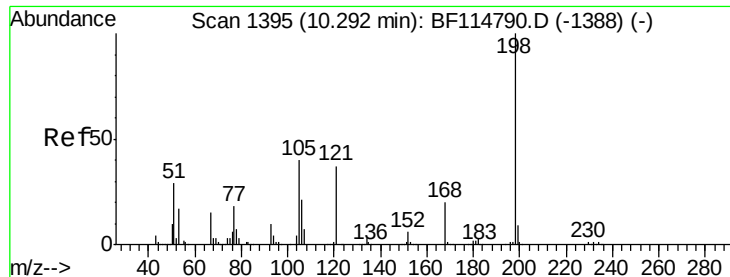


Abundance Ion 188.00 (187.70 to 188.70): BF1

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: 23.977 ng

RT: 10.29 min Scan# 1394

Delta R.T. -0.01 min

Lab File: BF114814.D

Acq: 5 Jun 2019 12:12

Instrument :

BNA_F

ClientSampleId :

CL-02-053119-AMS

Tot Ion:198 Resp: 258879

Ion Ratio Lower Upper

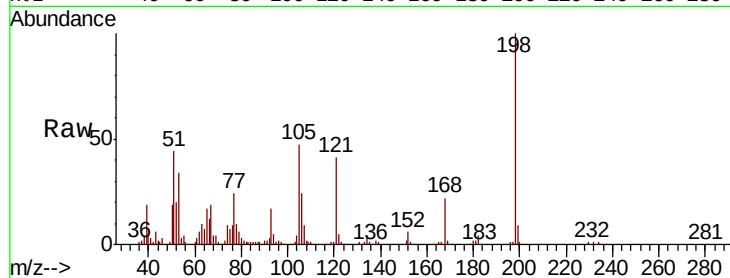
198 100

51 44.2 14.9 54.9

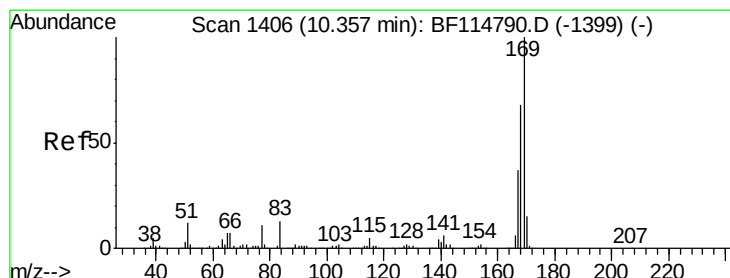
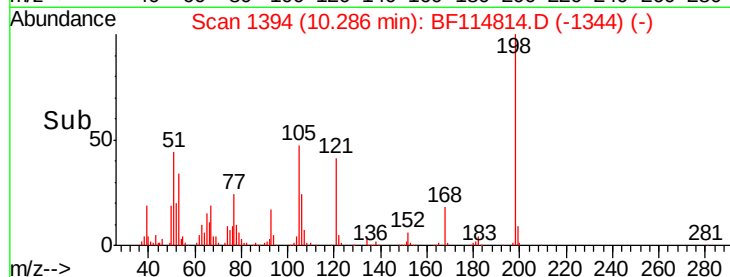
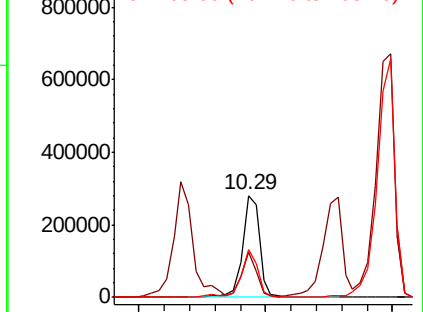
105 46.7 21.0 61.0

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Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 37.429 ng

RT: 10.36 min Scan# 1406

Delta R.T. 0.00 min

Lab File: BF114814.D

Acq: 5 Jun 2019 12:12

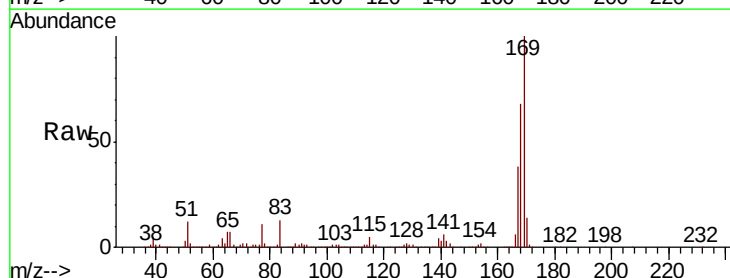
Tgt Ion:169 Resp: 2352392

Ion Ratio Lower Upper

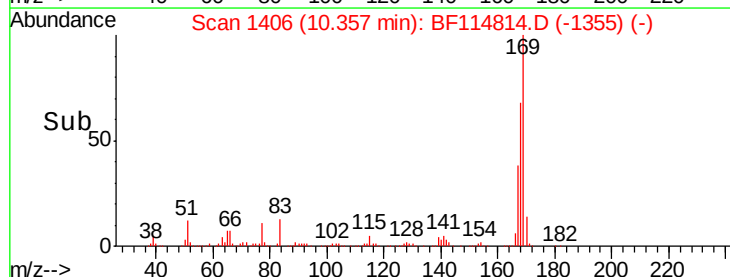
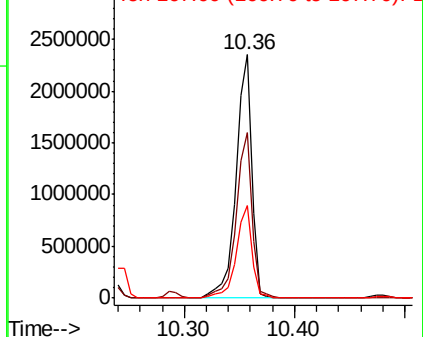
169 100

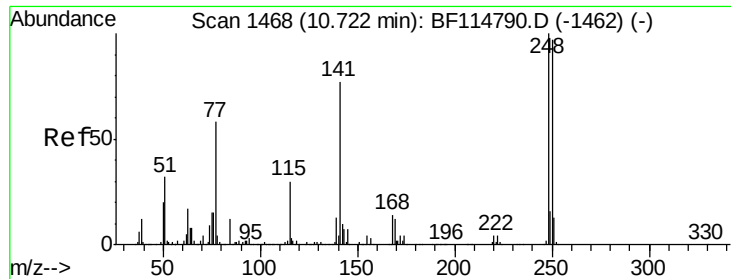
168 67.8 54.3 81.5

167 38.1 29.9 44.9



Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E





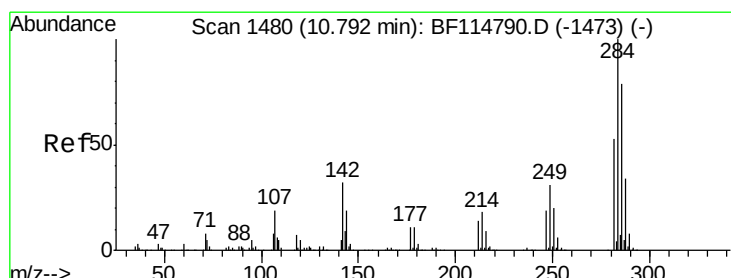
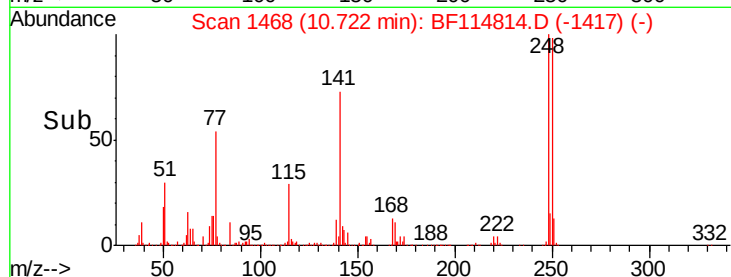
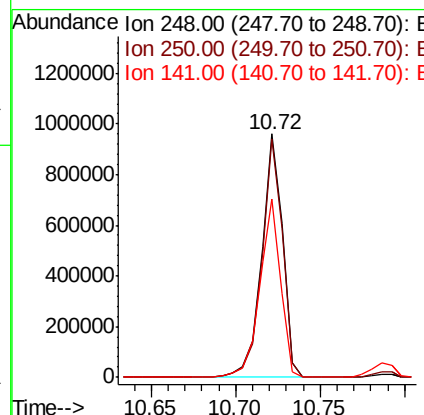
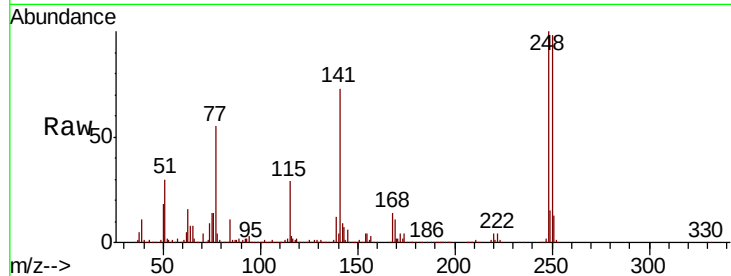
#67
4-Bromophenyl-phenylether
Concen: 35.289 ng
RT: 10.72 min Scan# 1468
Delta R.T. 0.00 min
Lab File: BF114814.D
Acq: 5 Jun 2019 12:12

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

Tot Ion	Ratio	Lower	Upper
248	100		
250	98.0	77.5	116.3
141	73.1	61.8	92.8

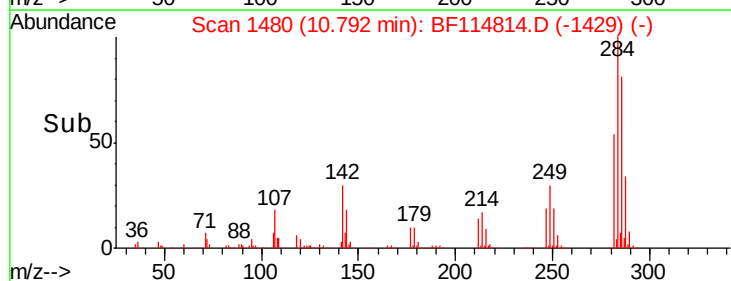
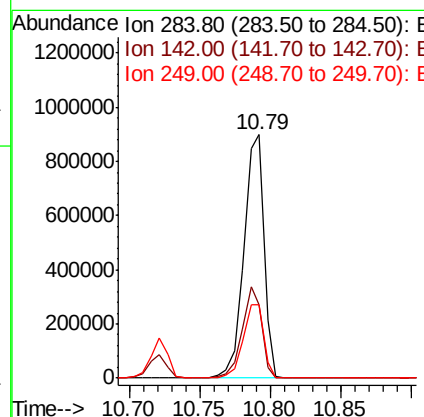
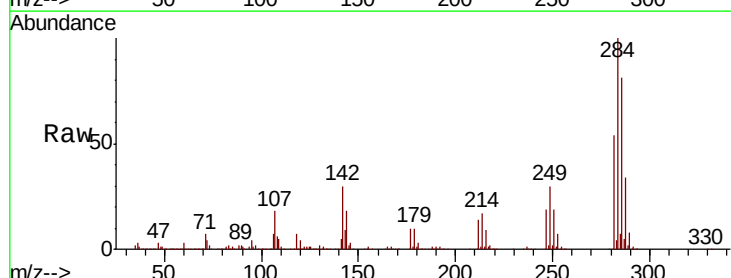
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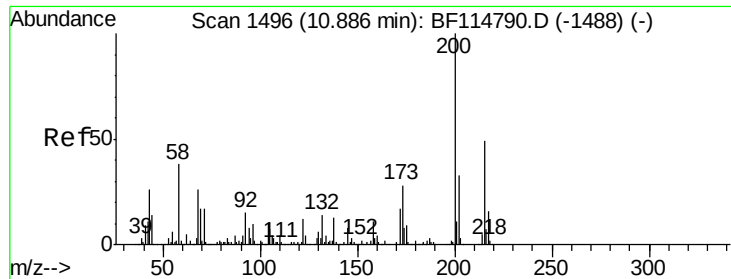
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#68
Hexachlorobenzene
Concen: 34.446 ng
RT: 10.79 min Scan# 1480
Delta R.T. 0.00 min
Lab File: BF114814.D
Acq: 5 Jun 2019 12:12

Tgt Ion	Ratio	Lower	Upper
284	100		
142	30.1	25.3	37.9
249	30.1	24.9	37.3





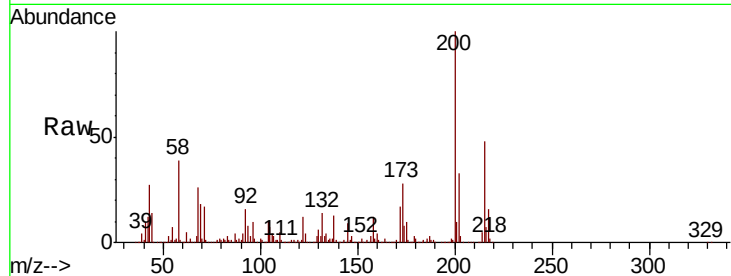
#69
Atrazine
Concen: 36.803 ng
RT: 10.89 min Scan# 1496
Delta R.T. 0.00 min
Lab File: BF114814.D
Acq: 5 Jun 2019 12:12

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

Tot Ion	Ratio	Resp	Lower	Upper
200	100			
173	27.8	8.0	48.0	
215	48.2	28.7	68.7	

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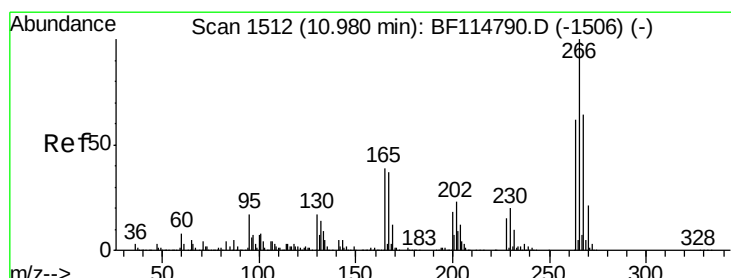
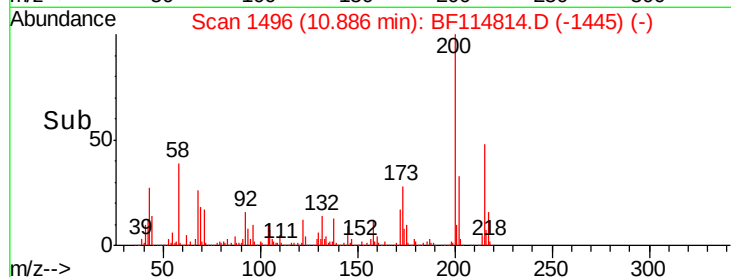
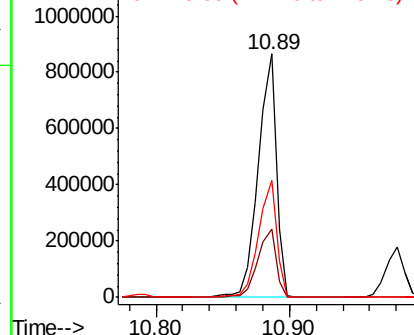


Abundance

Ion 200.00 (199.70 to 200.70): E

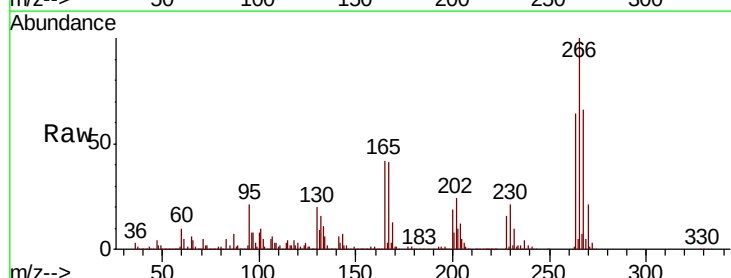
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
Pentachlorophenol
Concen: 62.980 ng
RT: 10.98 min Scan# 1512
Delta R.T. 0.00 min
Lab File: BF114814.D
Acq: 5 Jun 2019 12:12

Tgt Ion	Ratio	Resp	Lower	Upper
266	100			
268	65.5	51.0	76.6	
264	64.3	49.6	74.4	

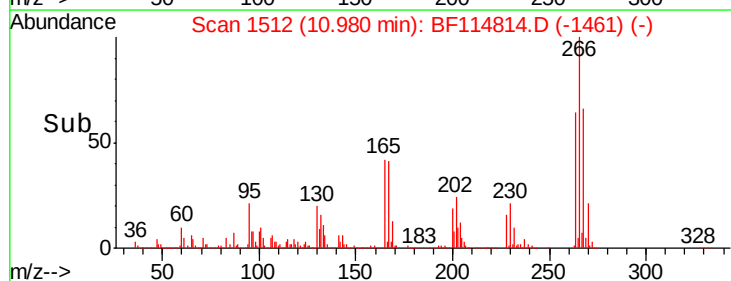
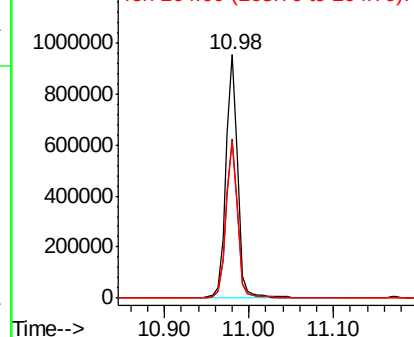


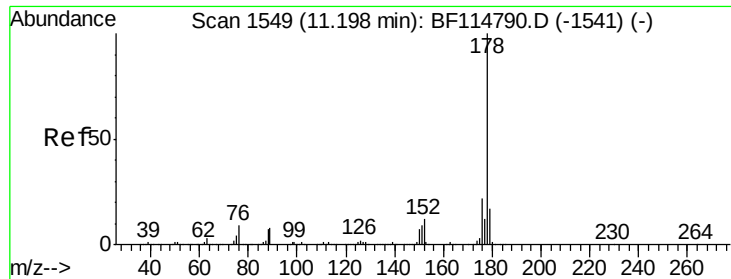
Abundance

Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 36.834 ng

RT: 11.20 min Scan# 1549

Delta R.T. 0.00 min

Lab File: BF114814.D

Acq: 5 Jun 2019 12:12

Instrument :

BNA_F

ClientSampleId :

CL-02-053119-AMS

Tot Ion:178 Resp: 3654858

Ion Ratio Lower Upper

178 100

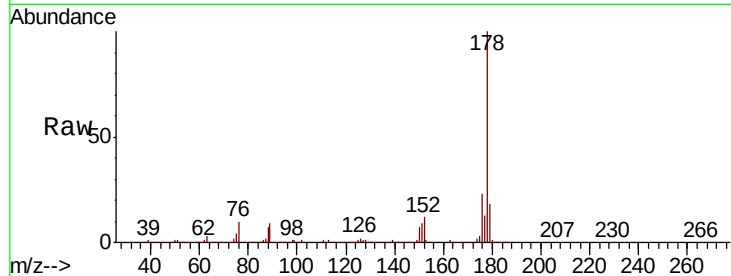
176 23.0 17.7 26.5

179 17.8 13.7 20.5

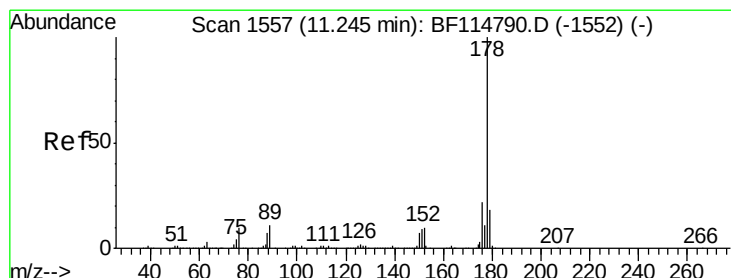
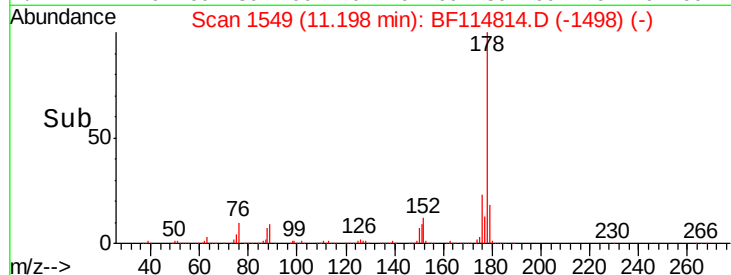
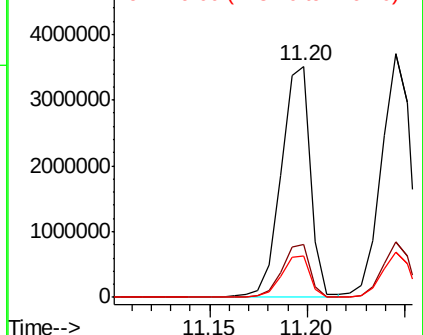
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Abundance Ion 178.00 (177.70 to 178.70): E
5000000 Ion 176.00 (175.70 to 176.70): E
4000000 Ion 179.00 (178.70 to 179.70): E
3000000
2000000
1000000
0



#72

Anthracene

Concen: 35.867 ng

RT: 11.25 min Scan# 1557

Delta R.T. 0.00 min

Lab File: BF114814.D

Acq: 5 Jun 2019 12:12

Tgt Ion:178 Resp: 3745364

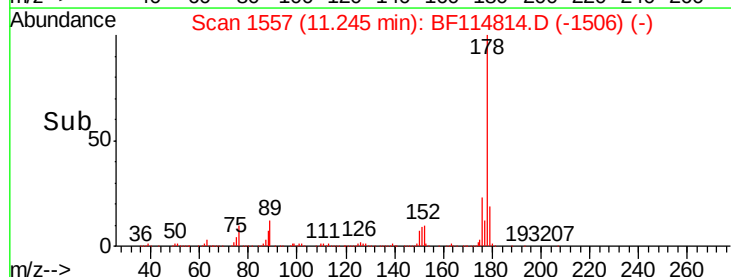
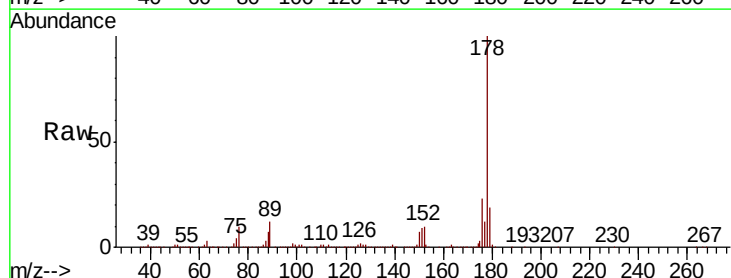
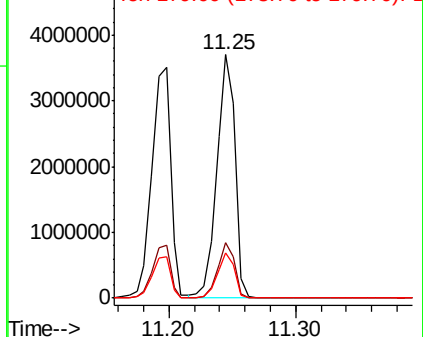
Ion Ratio Lower Upper

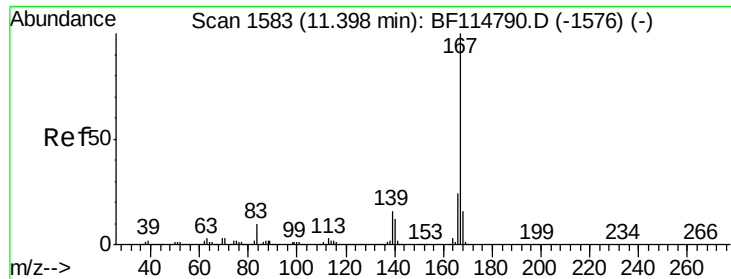
178 100

176 22.7 17.4 26.0

179 18.6 14.2 21.4

Abundance Ion 178.00 (177.70 to 178.70): E
5000000 Ion 176.00 (175.70 to 176.70): E
4000000 Ion 179.00 (178.70 to 179.70): E
3000000
2000000
1000000
0





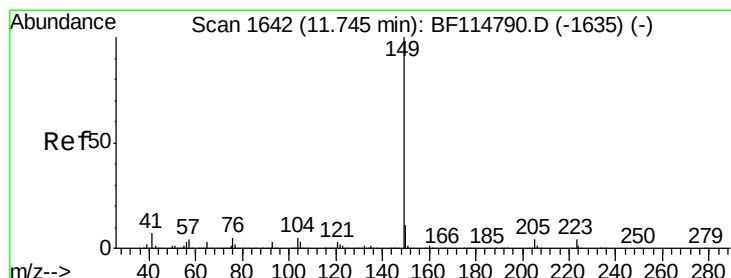
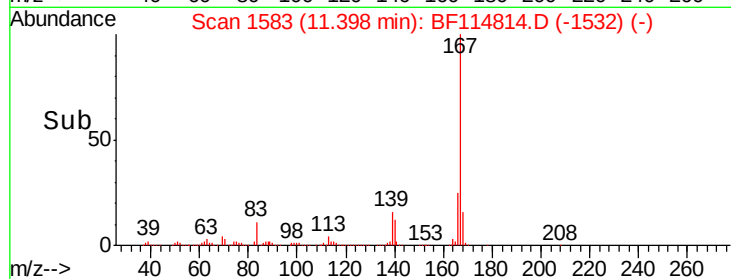
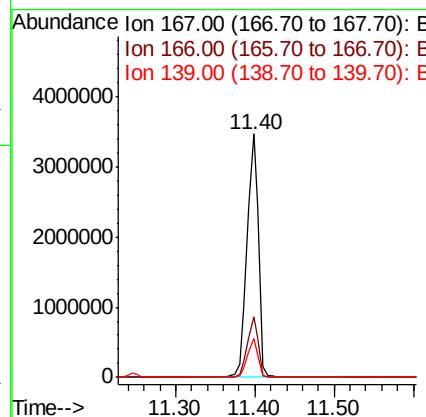
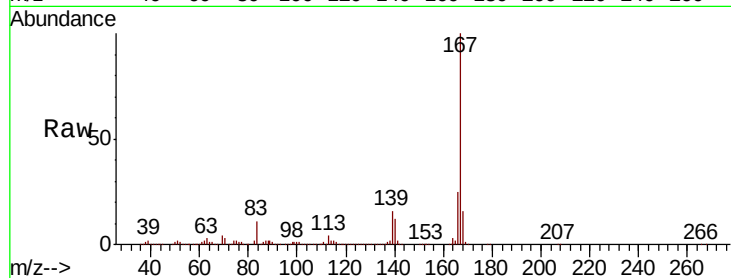
#73
 Carbazole
 Concen: 38.946 ng
 RT: 11.40 min Scan# 1583
 Delta R.T. 0.00 min
 Lab File: BF114814.D
 Acq: 5 Jun 2019 12:12

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

Tot Ion	Ratio	Lower	Upper
167	100		
166	24.8	19.1	28.7
139	15.9	12.4	18.6

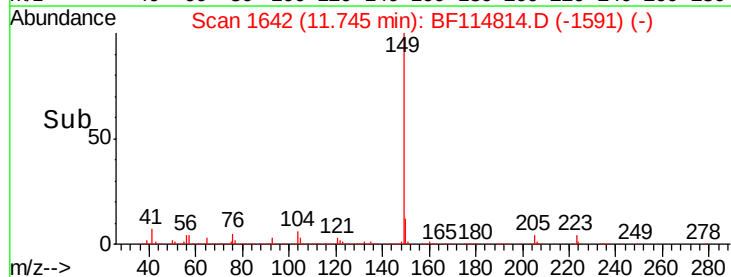
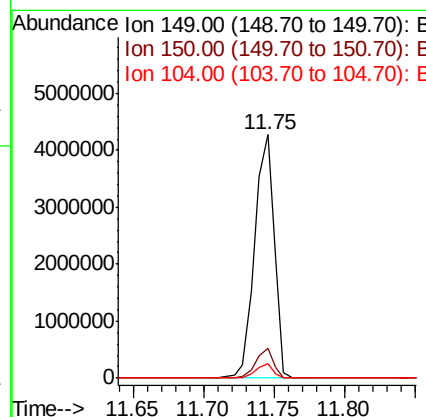
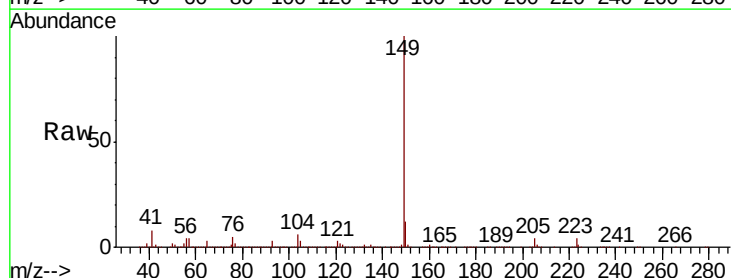
Manual Integrations
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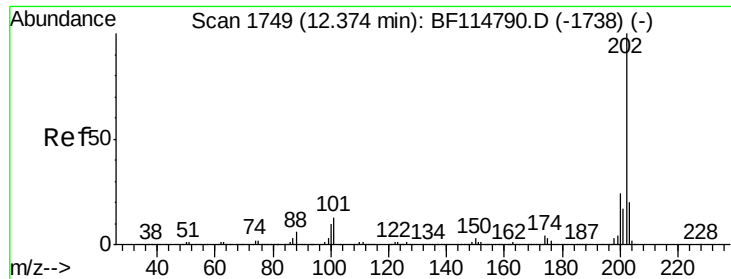
mohammad
 6/6/2019 4:49:44 PM



#74
 Di-n-butylphthalate
 Concen: 35.611 ng
 RT: 11.75 min Scan# 1642
 Delta R.T. 0.00 min
 Lab File: BF114814.D
 Acq: 5 Jun 2019 12:12

Tgt Ion	Ratio	Lower	Upper
149	100		
150	12.0	8.9	13.3
104	6.0	4.3	6.5





#75

Fluoranthene

Concen: 37.246 ng

RT: 12.37 min Scan# 1749

Delta R.T. 0.00 min

Lab File: BF114814.D

Acq: 5 Jun 2019 12:12

Instrument :

BNA_F

ClientSampleId :

CL-02-053119-AMS

Tot Ion:202 Resp: 3846532

Ion Ratio Lower Upper

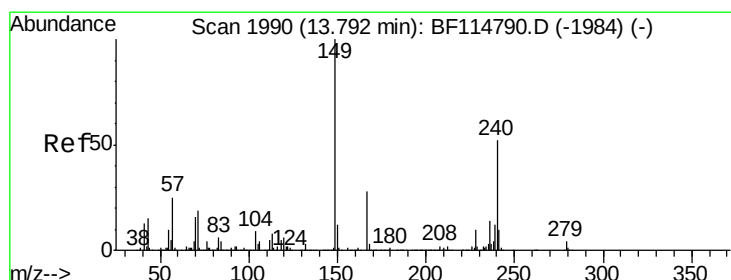
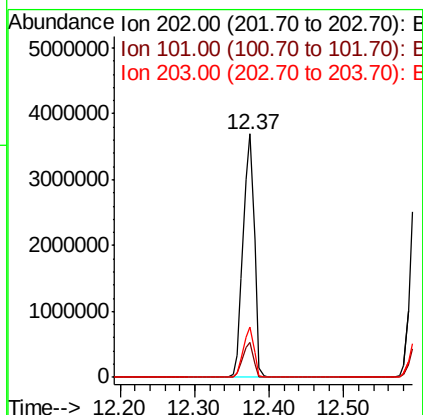
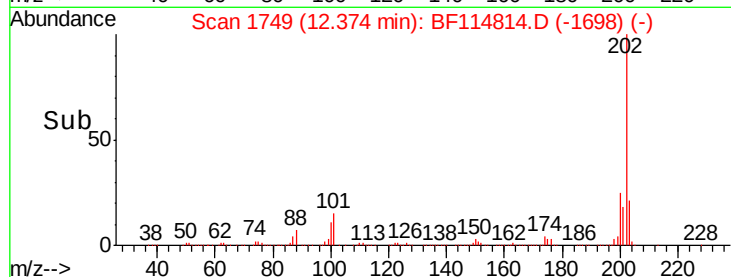
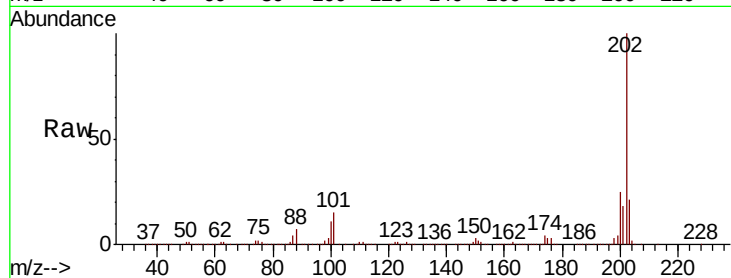
202 100

101 14.6 0.0 32.8

203 20.8 0.2 40.2

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#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.79 min Scan# 1990

Delta R.T. 0.00 min

Lab File: BF114814.D

Acq: 5 Jun 2019 12:12

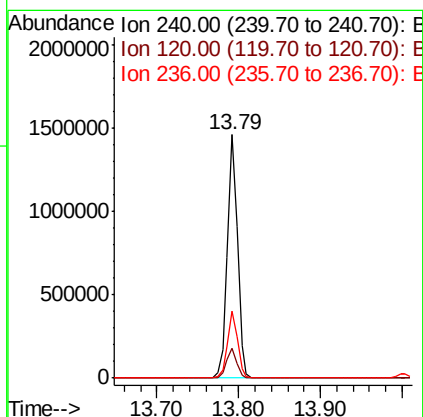
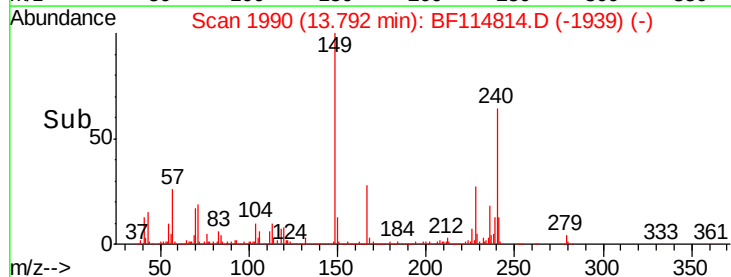
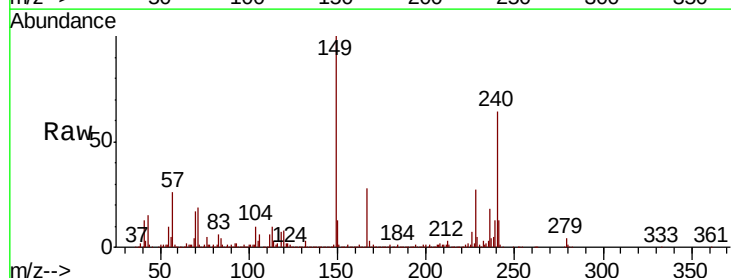
Tgt Ion:240 Resp: 1253700

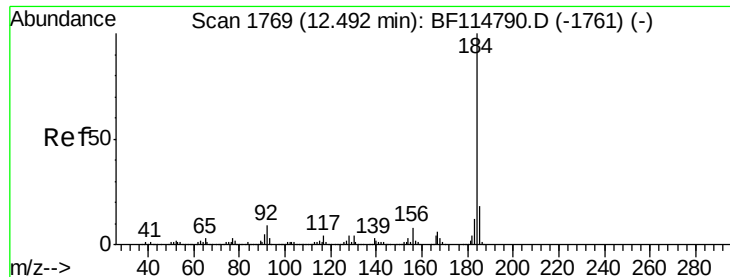
Ion Ratio Lower Upper

240 100

120 12.5 9.0 13.4

236 27.4 21.4 32.0





#77

Benzidine

Concen: 10.070 ng

RT: 12.49 min Scan# 1769

Delta R.T. 0.00 min

Lab File: BF114814.D

Acq: 5 Jun 2019 12:12

Instrument :

BNA_F

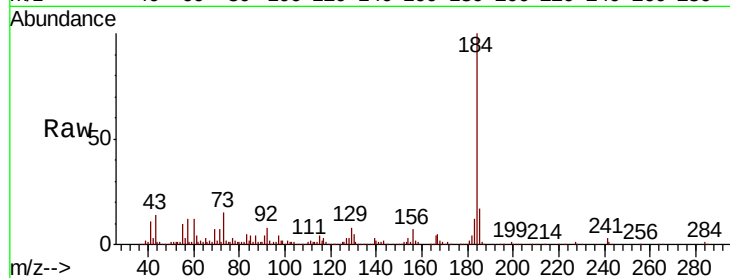
ClientSampleId :

CL-02-053119-AMS

Tot Ion:	184	Resp:	624990
Ion	Ratio	Lower	Upper
184	100		
185	17.1	14.1	21.1
183	11.6	9.9	14.9

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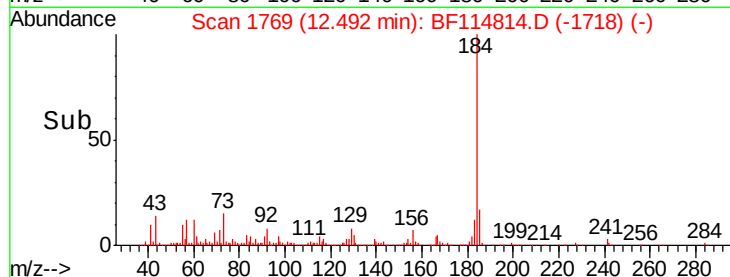
Abundance

Ion 184.00 (183.70 to 184.70): E

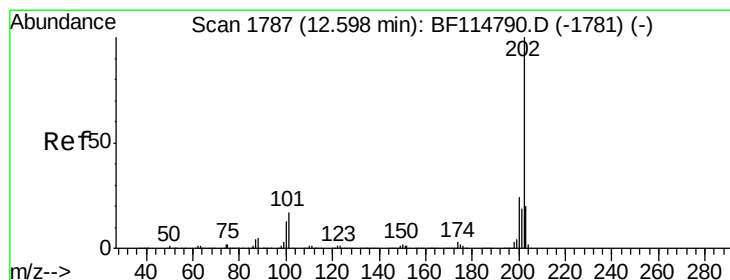
Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

12.49



Time-->



#78

Pyrene

Concen: 36.012 ng

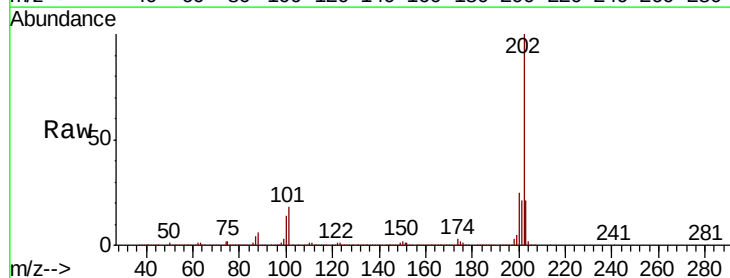
RT: 12.60 min Scan# 1787

Delta R.T. 0.00 min

Lab File: BF114814.D

Acq: 5 Jun 2019 12:12

Tgt Ion:	202	Resp:	3916646
Ion	Ratio	Lower	Upper
202	100		
200	25.3	19.2	28.8
203	21.1	15.9	23.9



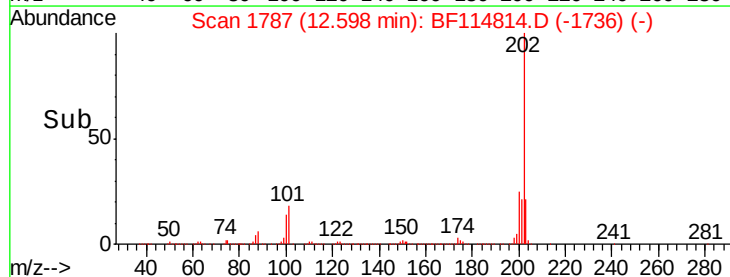
Abundance

Ion 202.00 (201.70 to 202.70): E

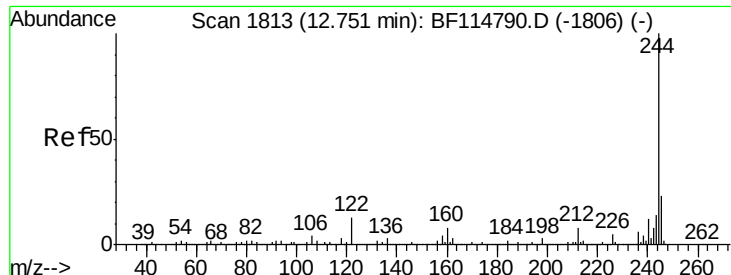
Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

12.60



Time-->



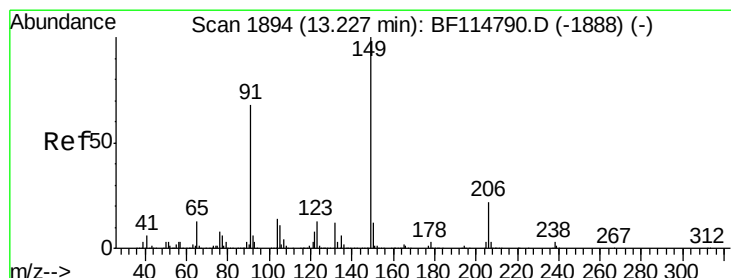
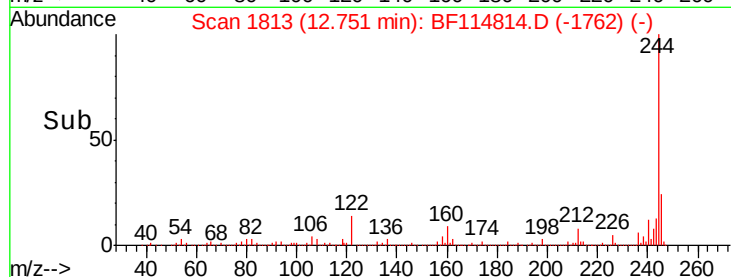
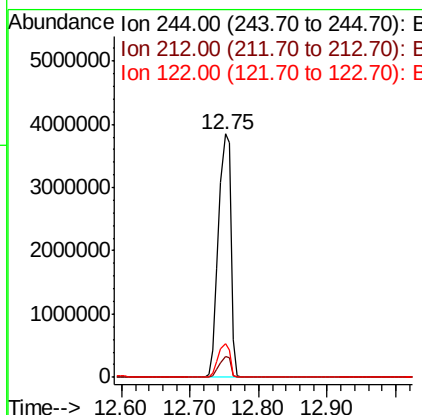
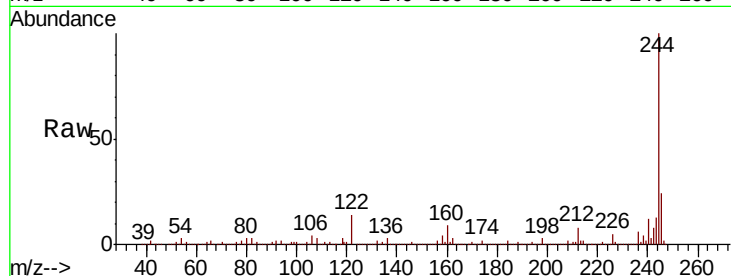
#79
Terphenyl-d14
Concen: 74.332 ng
RT: 12.75 min Scan# 1813
Delta R.T. 0.00 min
Lab File: BF114814.D
Acq: 5 Jun 2019 12:12

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

Tot Ion	Ratio	Lower	Upper
244	100		
212	8.4	6.5	9.7
122	14.0	10.5	15.7

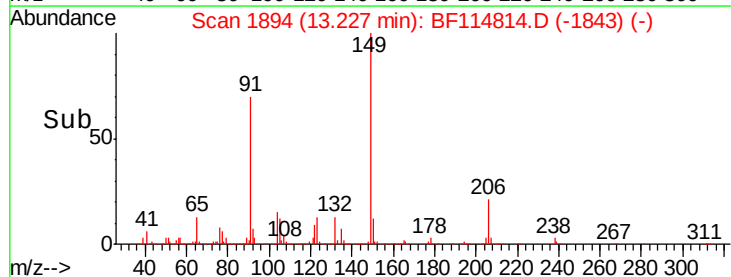
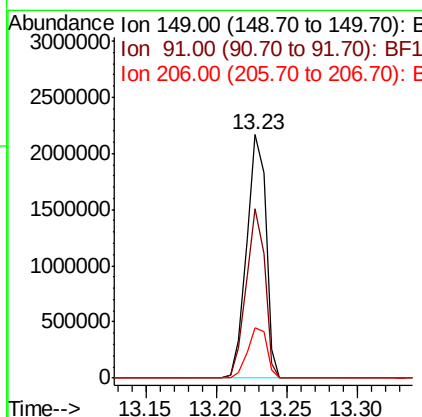
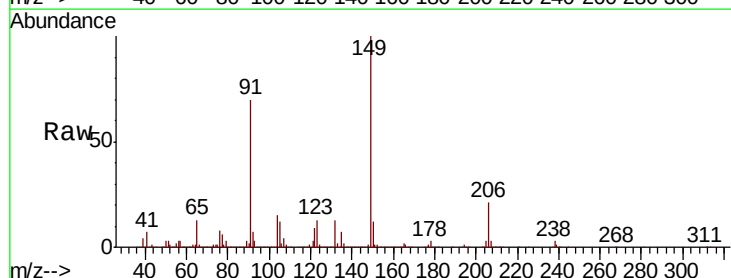
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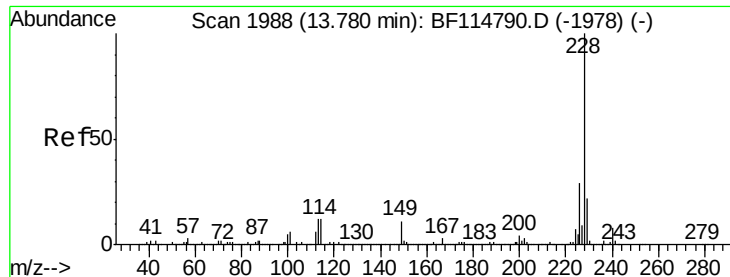
mohammad
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#80
Butylbenzylphthalate
Concen: 37.788 ng
RT: 13.23 min Scan# 1894
Delta R.T. 0.00 min
Lab File: BF114814.D
Acq: 5 Jun 2019 12:12

Tgt Ion	Ratio	Lower	Upper
149	100		
91	69.8	54.6	82.0
206	20.9	17.2	25.8





#81

Benzo(a)anthracene

Concen: 35.600 ng

RT: 13.78 min Scan# 1988

Delta R.T. 0.00 min

Lab File: BF114814.D

Acq: 5 Jun 2019 12:12

Instrument :

BNA_F

ClientSampleId :

CL-02-053119-AMS

Tot Ion:228 Resp: 3439289

Ion Ratio Lower Upper

228 100

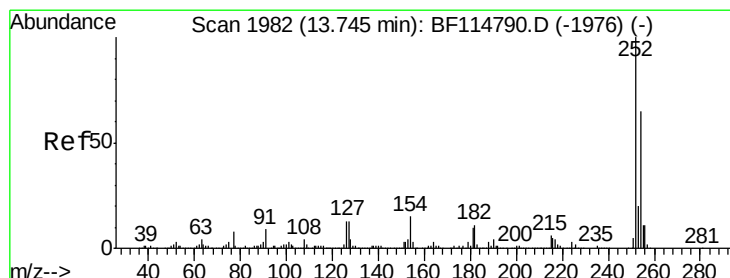
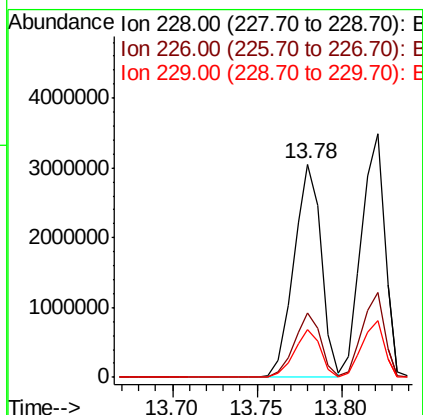
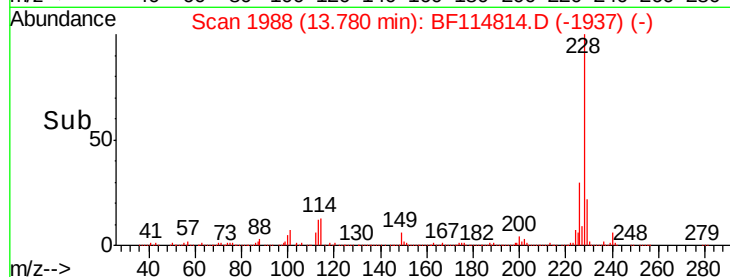
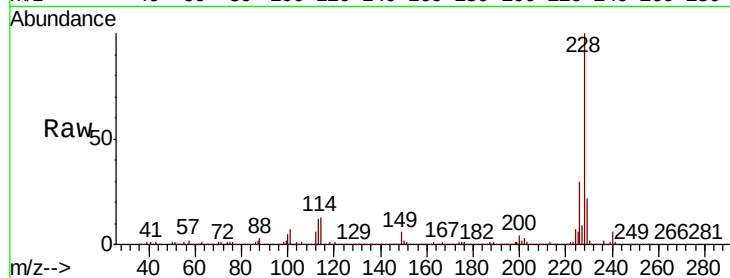
226 30.3 23.4 35.2

229 22.2 17.4 26.0

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#82

3,3'-Dichlorobenzidine

Concen: 17.874 ng

RT: 13.74 min Scan# 1982

Delta R.T. 0.00 min

Lab File: BF114814.D

Acq: 5 Jun 2019 12:12

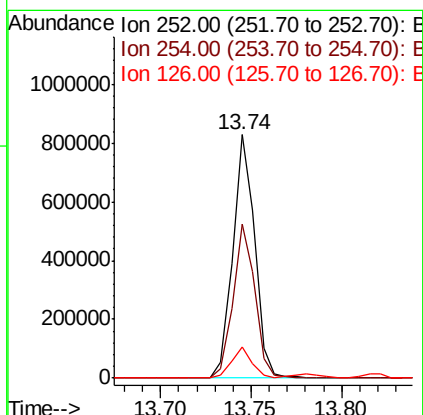
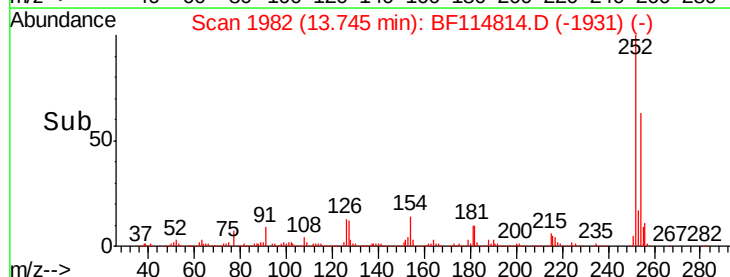
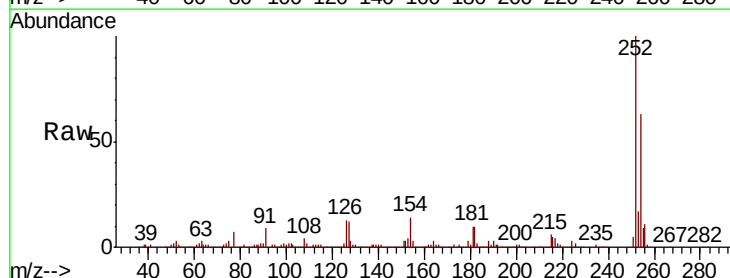
Tgt Ion:252 Resp: 700195

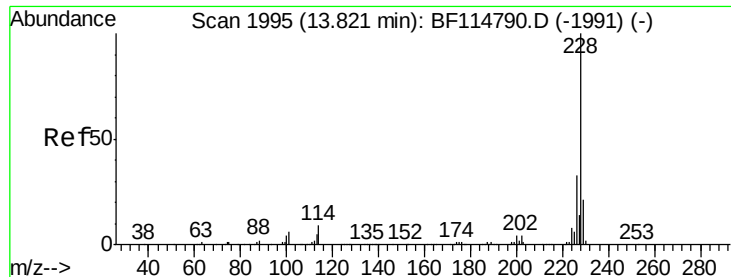
Ion Ratio Lower Upper

252 100

254 63.3 51.9 77.9

126 12.6 10.5 15.7





#83

Chrysene

Concen: 36.139 ng

RT: 13.82 min Scan# 1995

Delta R.T. 0.00 min

Lab File: BF114814.D

Acq: 5 Jun 2019 12:12

Instrument :

BNA_F

ClientSampleId :

CL-02-053119-AMS

Tot Ion:228 Resp: 3396416

Ion Ratio Lower Upper

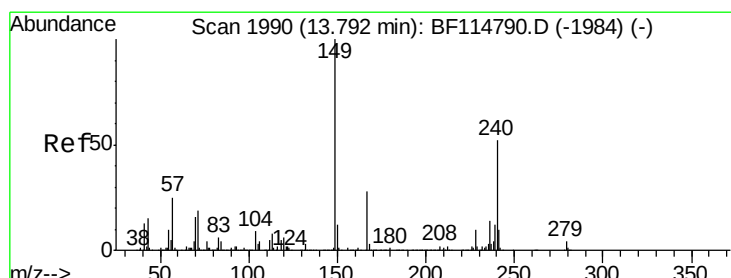
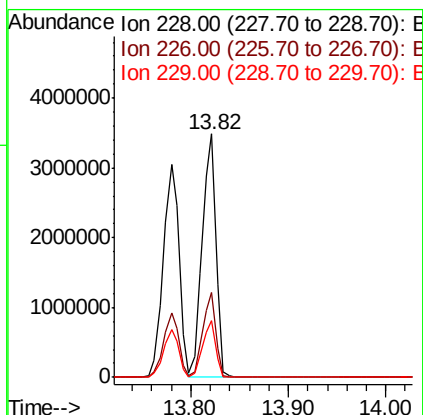
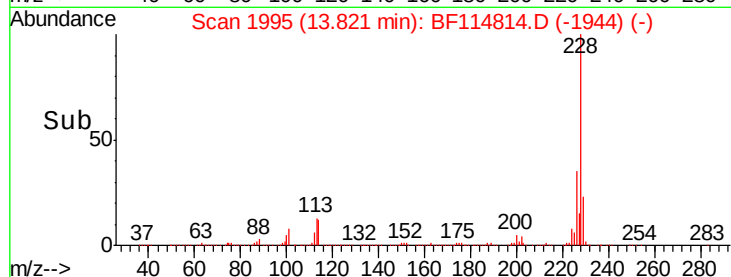
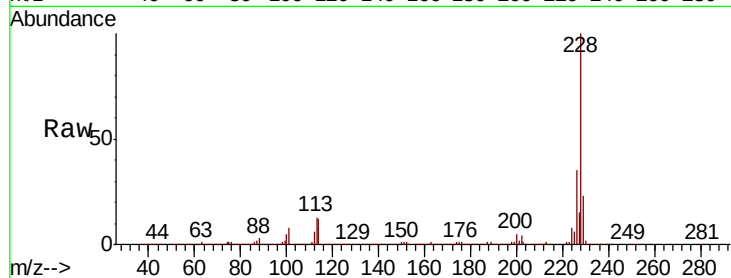
228 100

226 34.9 26.0 39.0

229 23.1 17.1 25.7

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#84

Bis(2-ethylhexyl)phthalate

Concen: 36.087 ng

RT: 13.80 min Scan# 1991

Delta R.T. 0.01 min

Lab File: BF114814.D

Acq: 5 Jun 2019 12:12

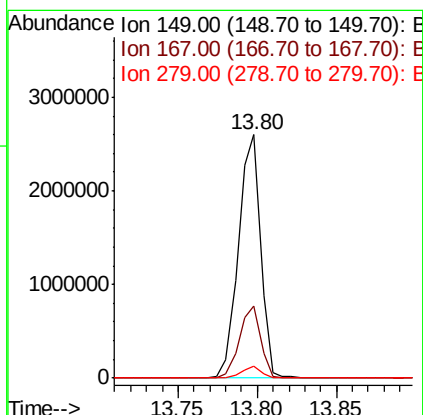
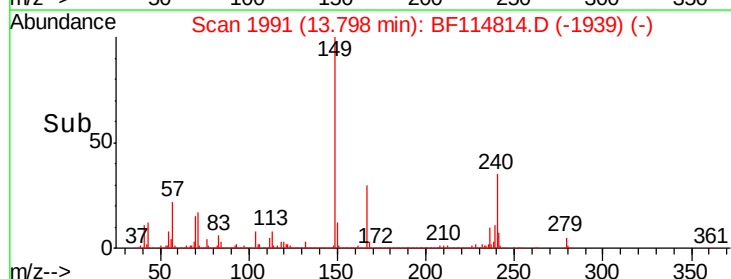
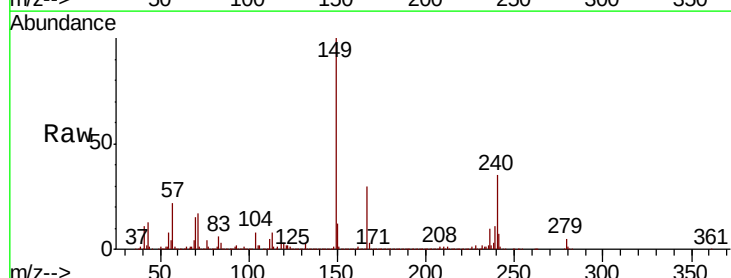
Tgt Ion:149 Resp: 2506152

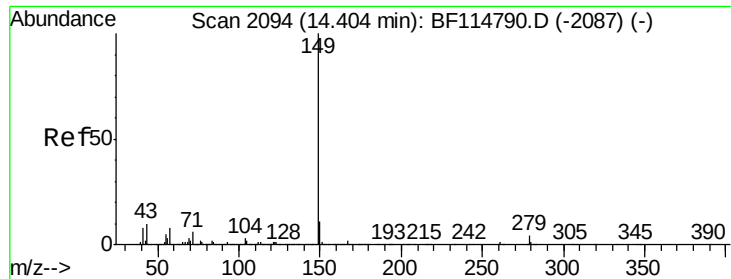
Ion Ratio Lower Upper

149 100

167 29.7 22.7 34.1

279 4.7 3.1 4.7#





#85

Di-n-octyl phthalate

Concen: 37.412 ng

RT: 14.40 min Scan# 2094

Delta R.T. 0.00 min

Lab File: BF114814.D

Acq: 5 Jun 2019 12:12

Instrument :

BNA_F

ClientSampleId :

CL-02-053119-AMS

Tot Ion:149 Resp: 4414762

Ion Ratio Lower Upper

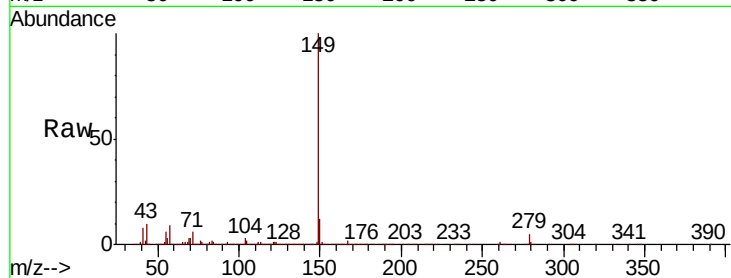
149 100

167 1.8 1.4 2.0

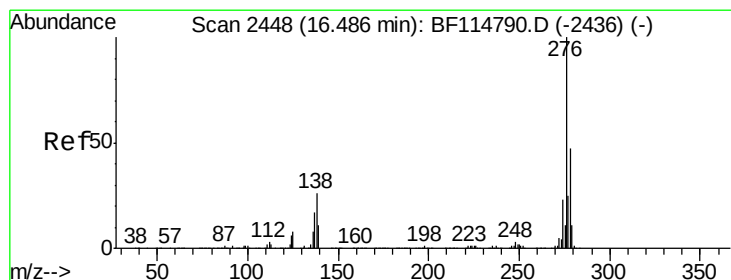
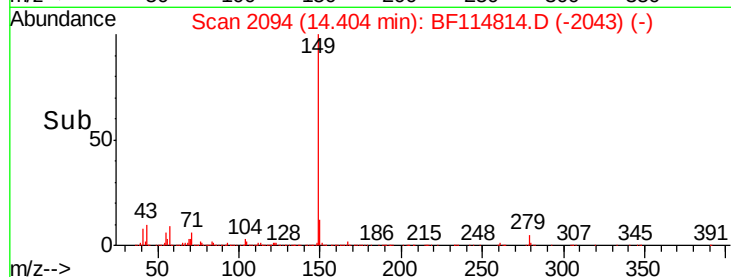
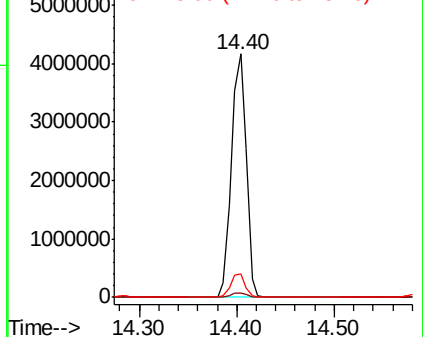
43 9.3 7.0 10.6

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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: 33.720 ng

RT: 16.48 min Scan# 2447

Delta R.T. -0.01 min

Lab File: BF114814.D

Acq: 5 Jun 2019 12:12

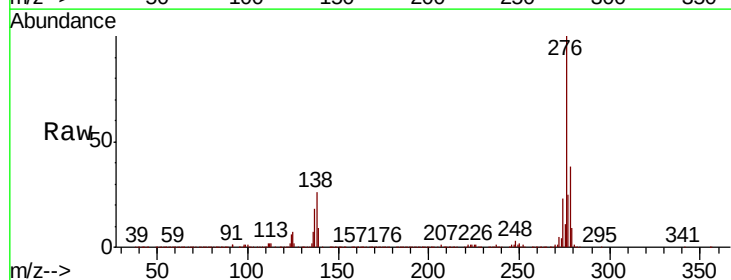
Tgt Ion:276 Resp: 3615932

Ion Ratio Lower Upper

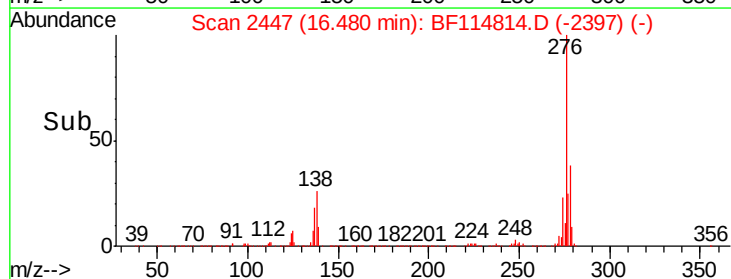
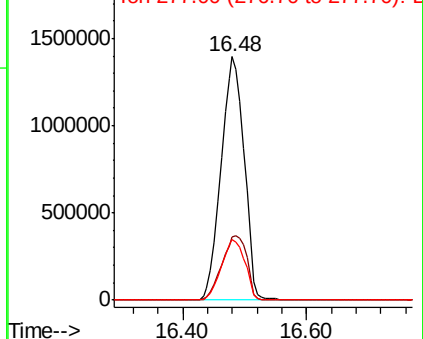
276 100

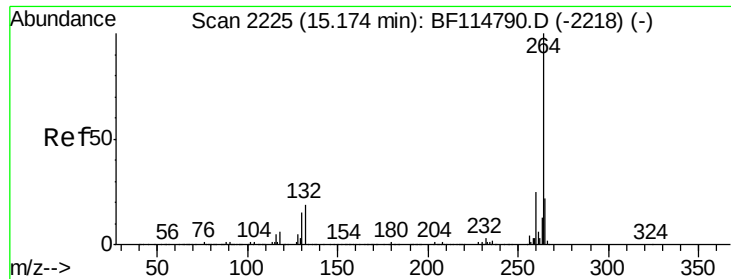
138 28.7 22.2 33.4

277 25.6 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





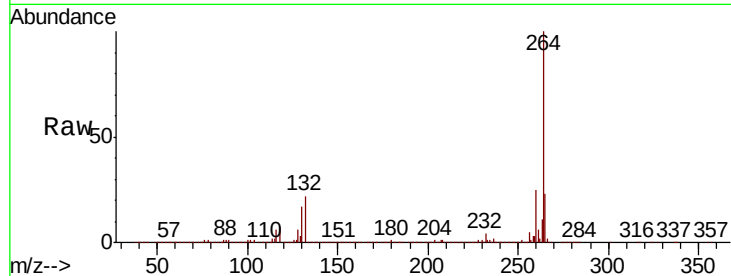
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.17 min Scan# 2224
Delta R.T. -0.01 min
Lab File: BF114814.D
Acq: 5 Jun 2019 12:12

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

Tot Ion	Ratio	Lower	Upper
264	100		
260	25.4	20.1	30.1
265	23.1	17.7	26.5

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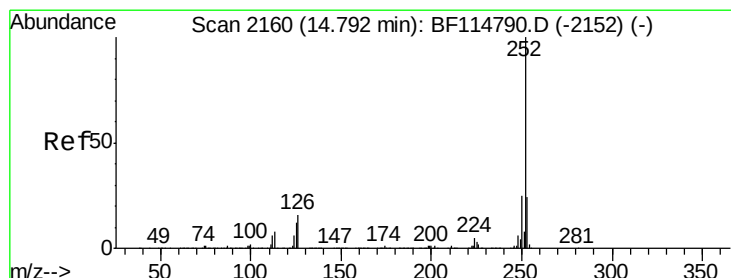
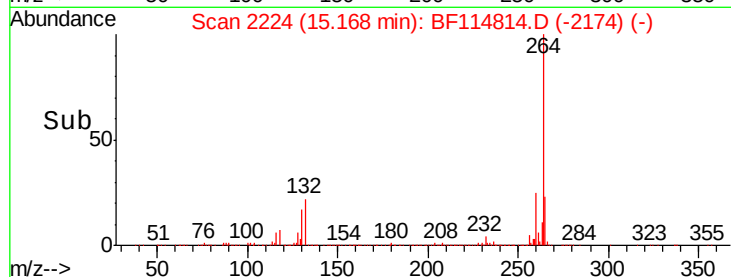
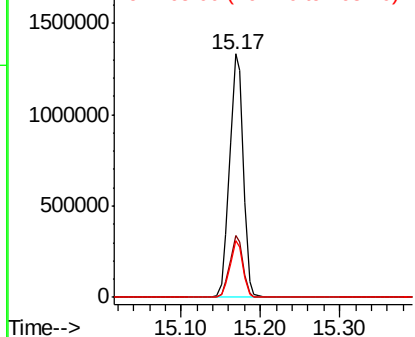


Abundance

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: 37.631 ng
RT: 14.79 min Scan# 2160
Delta R.T. 0.00 min
Lab File: BF114814.D
Acq: 5 Jun 2019 12:12

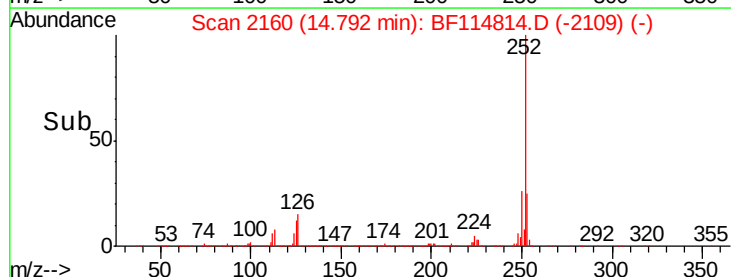
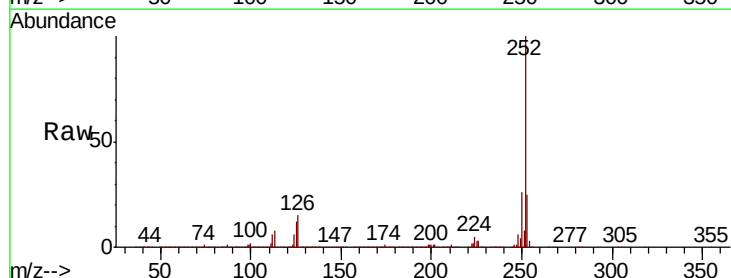
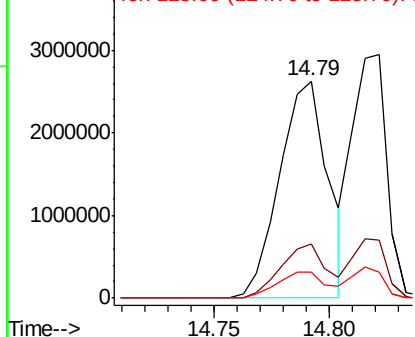
Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.6	19.0	28.6
125	11.8	9.4	14.0

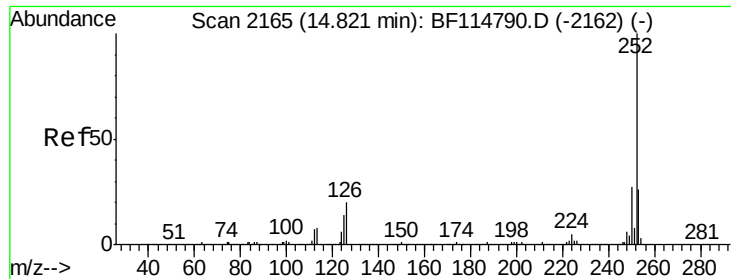
Abundance

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





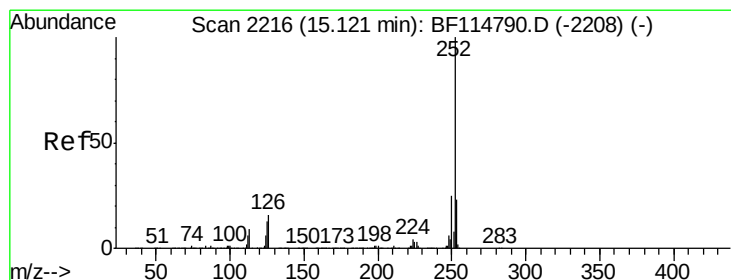
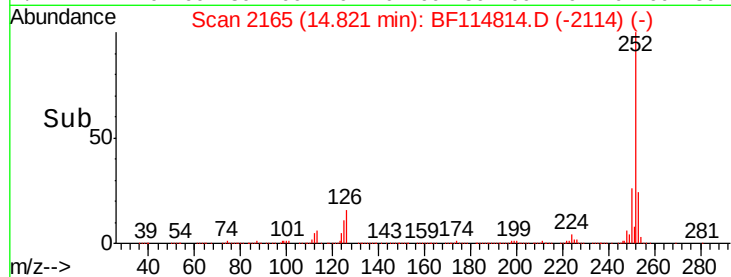
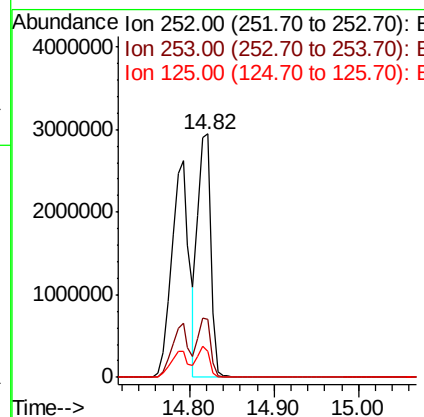
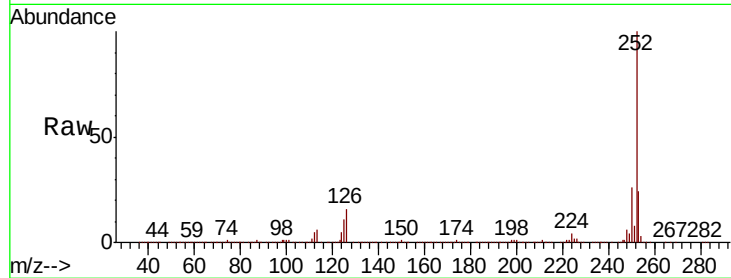
#89
Benzo(k)fluoranthene
Concen: 35.989 ng
RT: 14.82 min Scan# 2165
Delta R.T. 0.00 min
Lab File: BF114814.D
Acq: 5 Jun 2019 12:12

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

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.9	19.3	28.9
125	10.9	10.1	15.1

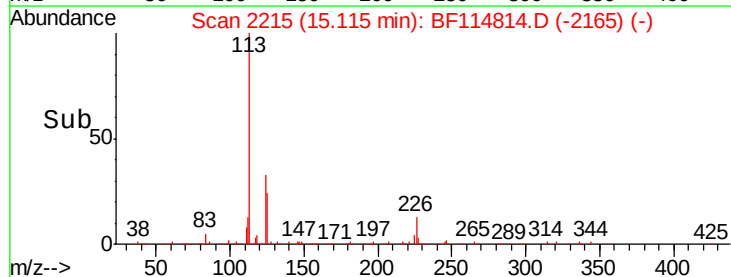
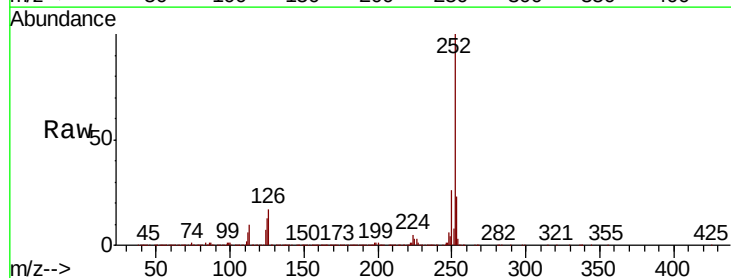
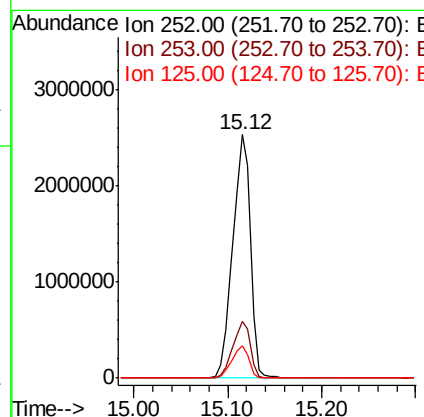
Manual Integrations
APPROVED

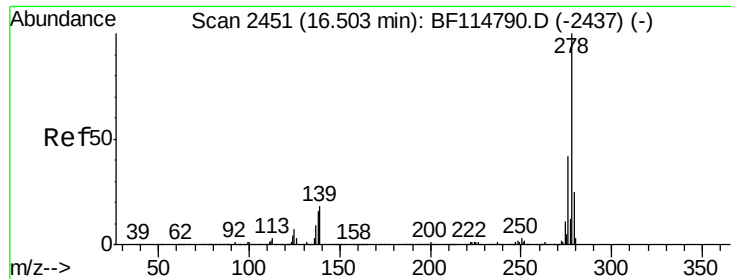
mohammad
6/6/2019 4:49:44 PM



#90
Benzo(a)pyrene
Concen: 37.744 ng
RT: 15.12 min Scan# 2215
Delta R.T. -0.01 min
Lab File: BF114814.D
Acq: 5 Jun 2019 12:12

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.4	18.5	27.7
125	13.5	10.1	15.1





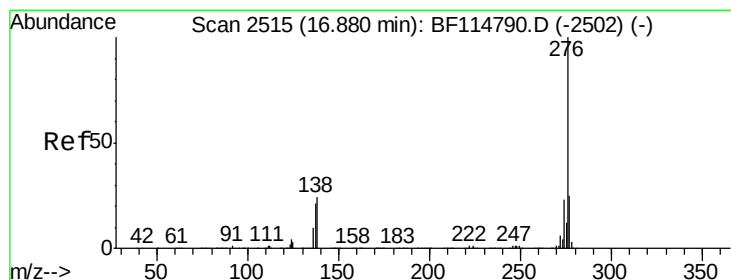
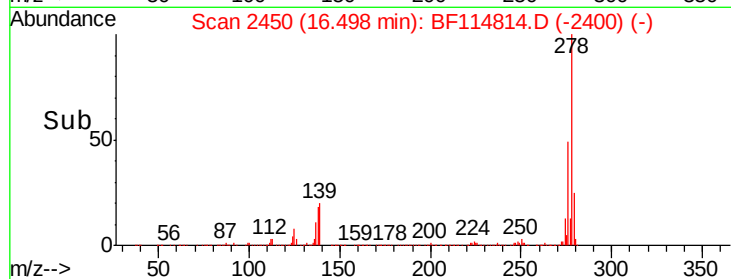
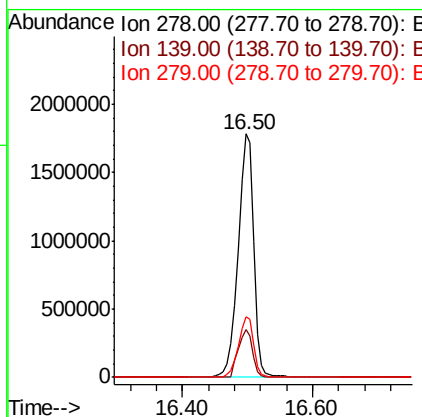
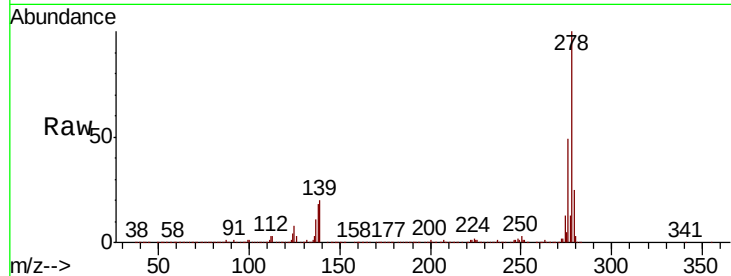
#91
Dibenzo(a,h)anthracene
Concen: 35.672 ng
RT: 16.50 min Scan# 2450
Delta R.T. -0.01 min
Lab File: BF114814.D
Acq: 5 Jun 2019 12:12

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

Tot Ion	Ratio	Lower	Upper
278	100		
139	19.7	14.6	22.0
279	24.7	20.1	30.1

Manual Integrations
APPROVED

mohammad
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#92
Benzo(g,h,i)perylene
Concen: 36.079 ng
RT: 16.87 min Scan# 2514
Delta R.T. -0.01 min
Lab File: BF114814.D
Acq: 5 Jun 2019 12:12

Tgt Ion	Ratio	Lower	Upper
276	100		
277	25.1	19.8	29.6
138	25.9	19.4	29.2

