

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052319\
 Data File : BF114538.D
 Acq On : 23 May 2019 22:01
 Operator : JU/SJ
 Sample : K2746-02MS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 24 07:19:40 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF051019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 23 03:49:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	172075	20.00	ng	-0.03
21) Naphthalene-d8	8.09	136	670476	20.00	ng	-0.03
39) Acenaphthene-d10	9.85	164	330620	20.00	ng	-0.02
64) Phenanthrene-d10	11.34	188	699365	20.00	ng	-0.02
76) Chrysene-d12	13.99	240	525510	20.00	ng	-0.02
87) Perylene-d12	15.44	264	472359	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.45	112	1146976	107.27	ng	-0.02
7) Phenol-d6	6.46	99	1482724	117.24	ng	-0.02
23) Nitrobenzene-d5	7.38	82	897297	75.11	ng	-0.02
42) 2,4,6-Tribromophenol	10.65	330	385099	112.67	ng	-0.02
45) 2-Fluorobiphenyl	9.17	172	1552321	71.02	ng	-0.02
79) Terphenyl-d14	12.92	244	1783414	69.96	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.55	88	160089	27.238	ng	99
3) Pyridine	3.32	79	425948	26.304	ng	96
4) n-Nitrosodimethylamine	3.26	42	248319	31.800	ng	95
6) Aniline	6.48	93	399135	21.848	ng	# 21
8) 2-Chlorophenol	6.60	128	465190	40.752	ng	97
9) Benzaldehyde	6.36	77	173612	19.609	ng	98
10) Phenol	6.47	94	588065	39.528	ng	89
11) bis(2-Chloroethyl)ether	6.55	93	466830	41.332	ng	96
12) 1,3-Dichlorobenzene	6.75	146	470356	36.708	ng	97
13) 1,4-Dichlorobenzene	6.83	146	478035	37.023	ng	99
14) 1,2-Dichlorobenzene	6.99	146	449936	38.142	ng	99
15) Benzyl Alcohol	6.96	79	375985	38.118	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.09	45	796535	36.372	ng	70
17) 2-Methylphenol	7.08	107	363800	38.797	ng	# 91
18) Hexachloroethane	7.32	117	173052	35.705	ng	99
19) n-Nitroso-di-n-propylamine	7.23	70	311604	38.872	ng	99
20) 3+4-Methylphenols	7.23	107	468639	43.256	ng	# 66
22) Acetophenone	7.22	105	617867	41.598	ng	# 89
24) Nitrobenzene	7.40	77	485455	39.895	ng	97
25) Isophorone	7.63	82	892818	40.295	ng	98
26) 2-Nitrophenol	7.72	139	250138	42.370	ng	100
27) 2,4-Dimethylphenol	7.76	122	397729	42.895	ng	100
28) bis(2-Chloroethoxy)methane	7.84	93	563820	39.218	ng	97
29) 2,4-Dichlorophenol	7.96	162	389889	42.229	ng	99
30) 1,2,4-Trichlorobenzene	8.04	180	399189	38.022	ng	99
31) Naphthalene	8.12	128	1283933	40.995	ng	99
32) Benzoic acid	7.87	122	75421	16.760	ng	97
33) 4-Chloroaniline	8.17	127	278930	19.544	ng	98
34) Hexachlorobutadiene	8.23	225	217836	36.466	ng	99
35) Caprolactam	8.54	113	71468	23.739	ng	97
36) 4-Chloro-3-methylphenol	8.67	107	416329	44.797	ng	99
37) 2-Methylnaphthalene	8.81	142	863528	42.735	ng	98
38) 1-Methylnaphthalene	8.91	142	816213	42.893	ng	98
40) 1,2,4,5-Tetrachlorobenzene	8.98	216	391880	39.129	ng	100

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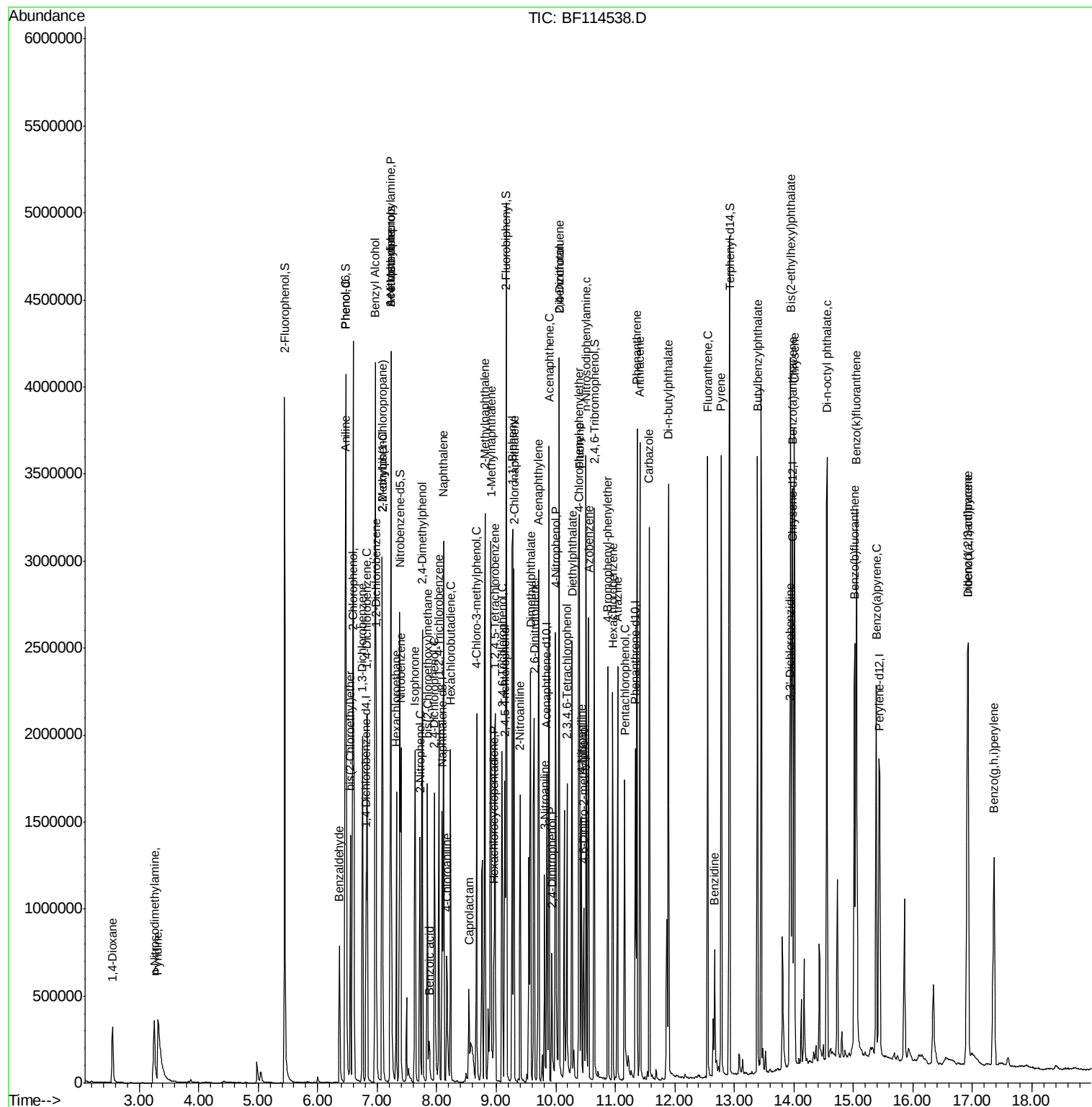
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.96	237	97301	24.051	ng	97
43) 2,4,6-Trichlorophenol	9.10	196	268535	38.982	ng	98
44) 2,4,5-Trichlorophenol	9.15	196	283312	40.102	ng	98
46) 1,1'-Biphenyl	9.27	154	1048126	39.242	ng	97
47) 2-Chloronaphthalene	9.30	162	810081	37.686	ng	97
48) 2-Nitroaniline	9.40	65	290300	38.080	ng	98
49) Acenaphthylene	9.72	152	1293812	39.574	ng	98
50) Dimethylphthalate	9.57	163	1091287	44.963	ng	100
51) 2,6-Dinitrotoluene	9.64	165	220794	41.015	ng	97
52) Acenaphthene	9.89	154	753044	37.536	ng	99
53) 3-Nitroaniline	9.81	138	182017	27.238	ng	96
54) 2,4-Dinitrophenol	9.93	184	115416	45.788	ng	98
55) Dibenzofuran	10.06	168	1094821	37.216	ng	99
56) 4-Nitrophenol	10.00	139	299388	63.353	ng	97
57) 2,4-Dinitrotoluene	10.05	165	277906	38.035	ng	# 79
58) Fluorene	10.40	166	918118	40.405	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.19	232	238207	39.078	ng	99
60) Diethylphthalate	10.27	149	982707	39.850	ng	99
61) 4-Chlorophenyl-phenylether	10.39	204	436684	39.128	ng	98
62) 4-Nitroaniline	10.43	138	257833	36.718	ng	97
63) Azobenzene	10.55	77	916469	38.394	ng	97
65) 4,6-Dinitro-2-methylphenol	10.47	198	124559	37.065	ng	85
66) n-Nitrosodiphenylamine	10.51	169	843060	39.718	ng	99
67) 4-Bromophenyl-phenylether	10.87	248	281404	36.544	ng	95
68) Hexachlorobenzene	10.96	284	303295	35.604	ng	94
69) Atrazine	11.04	200	259930	39.351	ng	97
70) Pentachlorophenol	11.16	266	260717	64.563	ng	99
71) Phenanthrene	11.36	178	1365382	40.129	ng	98
72) Anthracene	11.42	178	1387172	40.590	ng	99
73) Carbazole	11.57	167	1363645	41.844	ng	98
74) Di-n-butylphthalate	11.89	149	1587510	42.282	ng	100
75) Fluoranthene	12.55	202	1539337	42.012	ng	98
77) Benzidine	12.67	184	282495	11.976	ng	98
78) Pyrene	12.79	202	1568857	37.111	ng	99
80) Butylbenzylphthalate	13.39	149	728437	40.938	ng	97
81) Benzo(a)anthracene	13.97	228	1315077	38.690	ng	99
82) 3,3'-Dichlorobenzidine	13.93	252	368225	27.926	ng	98
83) Chrysene	14.01	228	1282542	38.492	ng	98
84) Bis(2-ethylhexyl)phthalate	13.94	149	1028537	44.196	ng	99
85) Di-n-octyl phthalate	14.56	149	1733527	45.951	ng	98
86) Indeno(1,2,3-cd)pyrene	16.93	276	1231939	41.836	ng	100
88) Benzo(b)fluoranthene	15.02	252	1231495	40.694	ng	99
89) Benzo(k)fluoranthene	15.05	252	1099189	39.541	ng	98
90) Benzo(a)pyrene	15.39	252	1116402	41.918	ng	98
91) Dibenzo(a,h)anthracene	16.93	278	1025736	46.349	ng	98
92) Benzo(g,h,i)perylene	17.36	276	1059636	47.778	ng	100

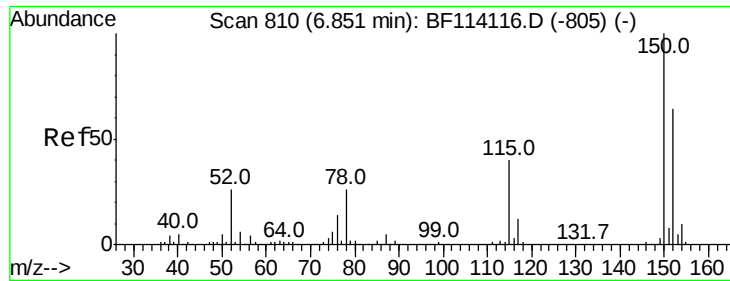
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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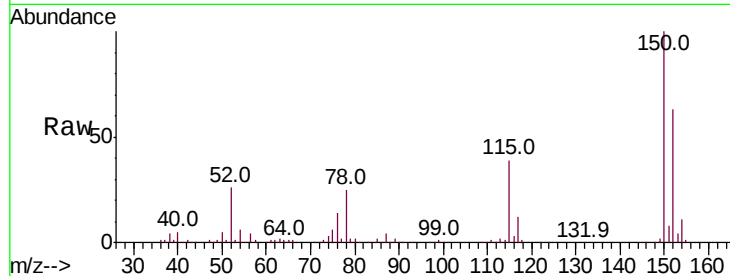


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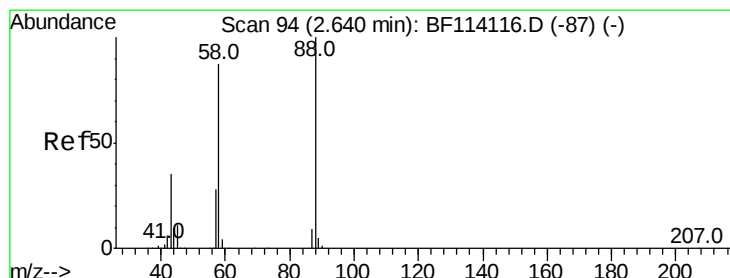
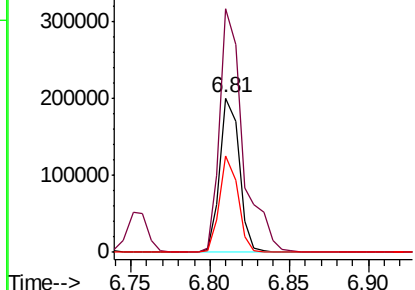
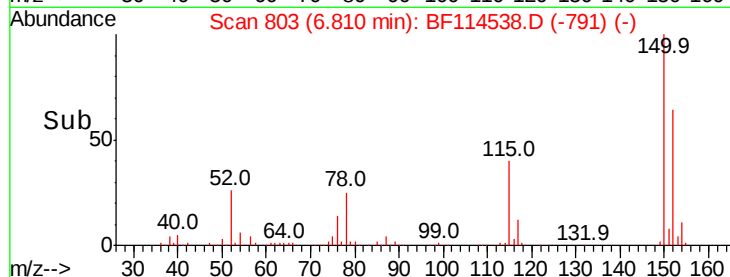
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.81 min Scan# 803
Delta R.T. -0.03 min
Lab File: BF114538.D
Acq: 23 May 2019 22:01

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 172075
Ion Ratio Lower Upper
152 100
150 157.9 124.3 186.5
115 62.2 49.1 73.7



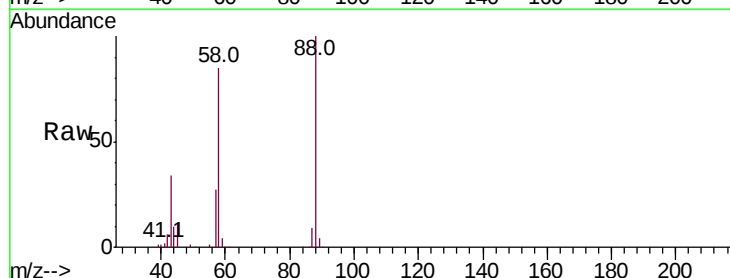
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



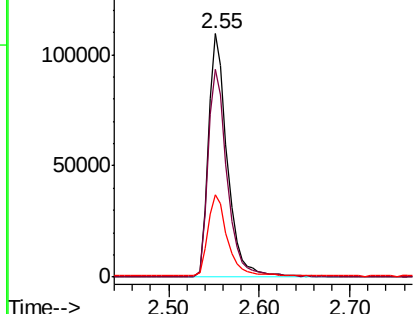
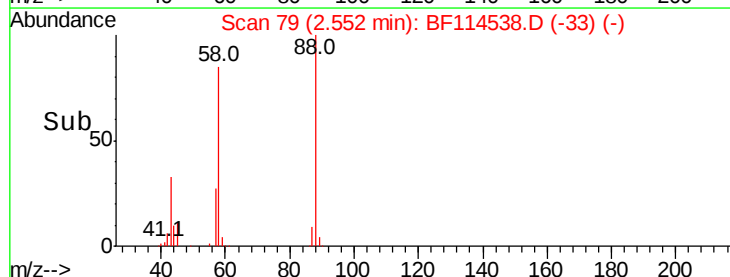
#2

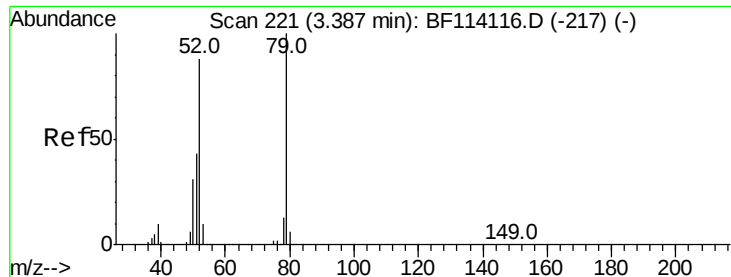
1,4-Dioxane
Concen: 27.238 ng
RT: 2.55 min Scan# 79
Delta R.T. -0.03 min
Lab File: BF114538.D
Acq: 23 May 2019 22:01

Tgt Ion: 88 Resp: 160089
Ion Ratio Lower Upper
88 100
58 87.0 68.7 103.1
43 33.9 28.2 42.2



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: 26.304 ng

RT: 3.32 min Scan# 210

Delta R.T. -0.02 min

Lab File: BF114538.D

Acq: 23 May 2019 22:01

Instrument :

BNA_F

ClientSampled :

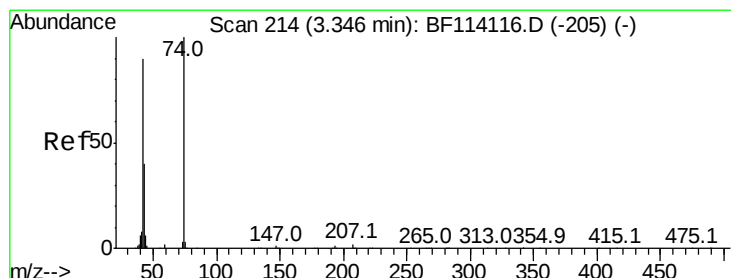
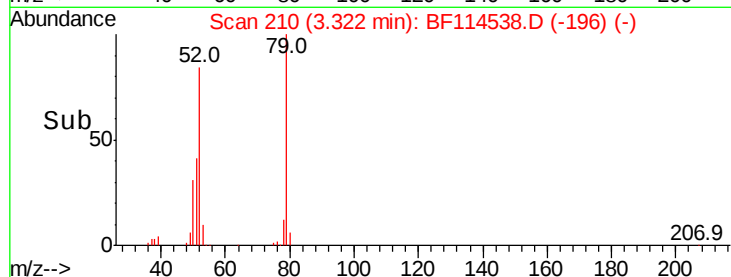
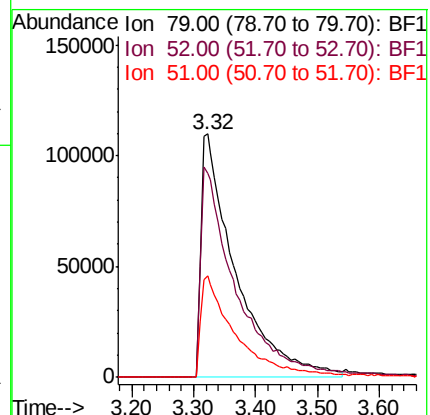
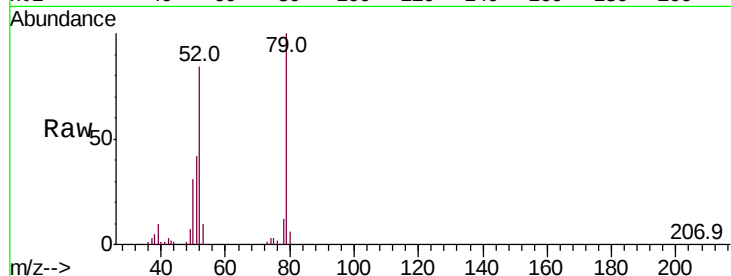
Tot Ion: 79 Resp: 425948

Ion Ratio Lower Upper

79 100

52 83.7 70.6 105.8

51 41.8 34.2 51.2



#4

n-Nitrosodimethylamine

Concen: 31.800 ng

RT: 3.26 min Scan# 199

Delta R.T. -0.04 min

Lab File: BF114538.D

Acq: 23 May 2019 22:01

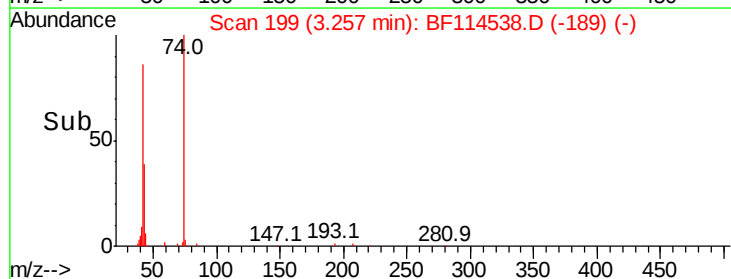
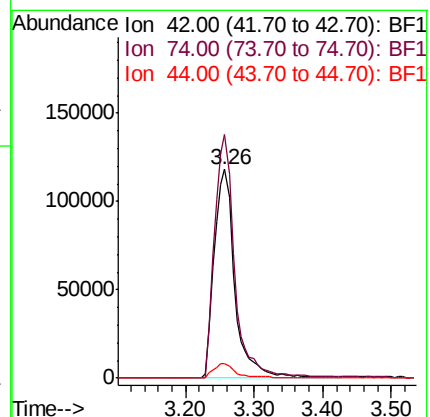
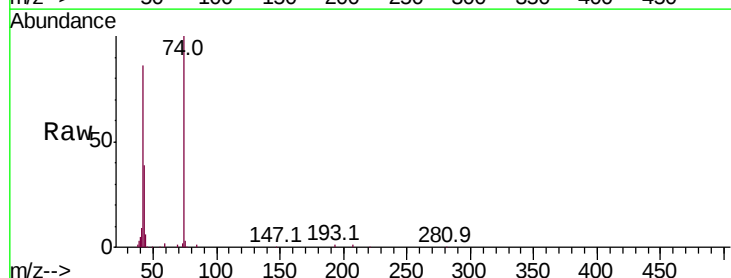
Tgt Ion: 42 Resp: 248319

Ion Ratio Lower Upper

42 100

74 116.8 88.6 132.8

44 7.2 5.5 8.3





#5

2-Fluorophenol

Concen: 107.266 ng

RT: 5.45 min Scan# 571

Delta R.T. -0.02 min

Lab File: BF114538.D

Acq: 23 May 2019 22:01

Instrument :

BNA_F

ClientSampled :

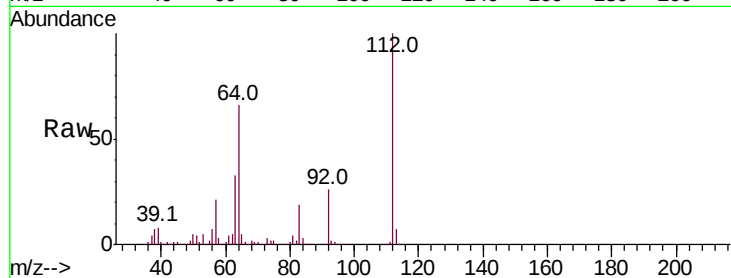
Tot Ion:112 Resp: 1146976

Ion Ratio Lower Upper

112 100

64 65.9 49.0 73.6

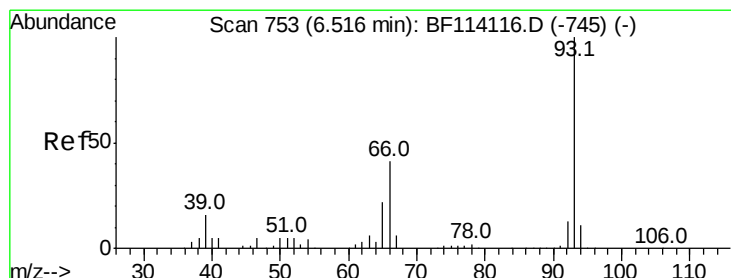
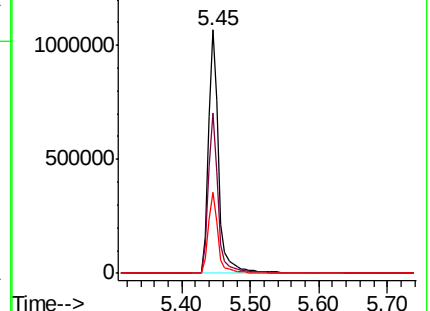
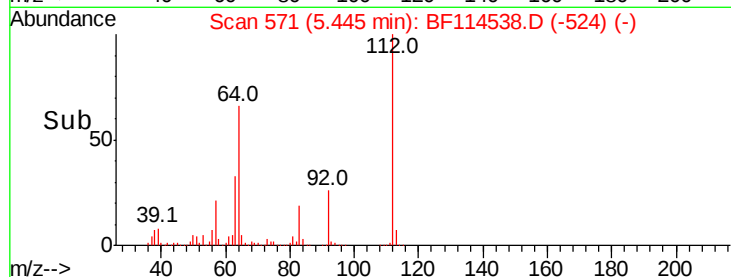
63 33.4 24.6 37.0



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 21.848 ng

RT: 6.48 min Scan# 747

Delta R.T. -0.02 min

Lab File: BF114538.D

Acq: 23 May 2019 22:01

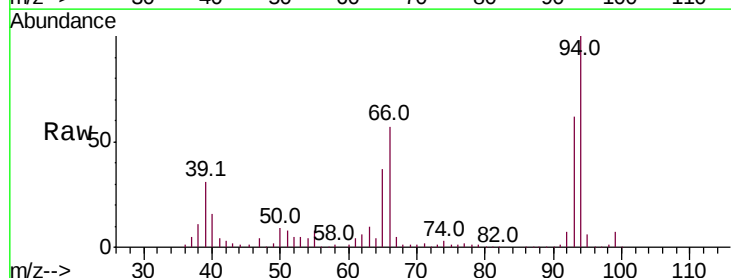
Tgt Ion: 93 Resp: 399135

Ion Ratio Lower Upper

93 100

66 91.1 33.2 49.8#

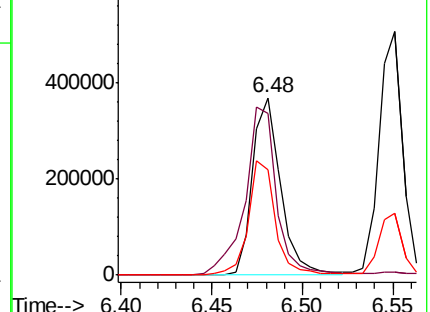
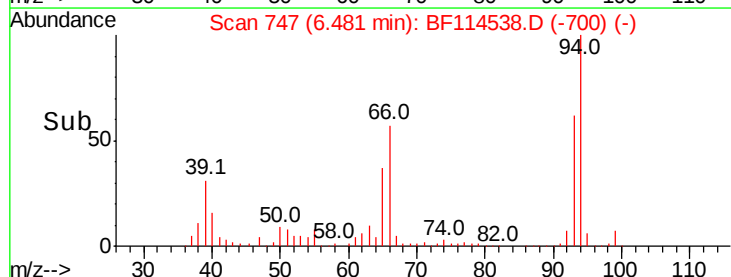
65 59.1 17.6 26.4#



Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 117.242 ng

RT: 6.46 min Scan# 744

Delta R.T. -0.02 min

Lab File: BF114538.D

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ClientSampleId :

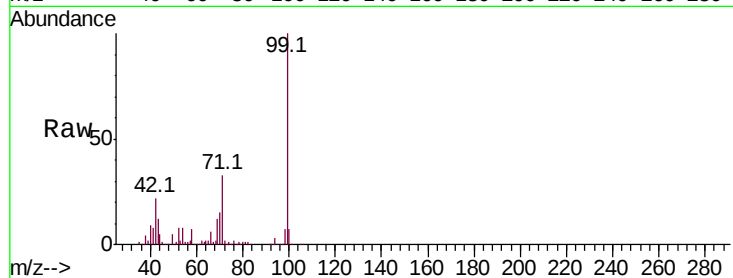
Tot Ion: 99 Resp: 1482724

Ion Ratio Lower Upper

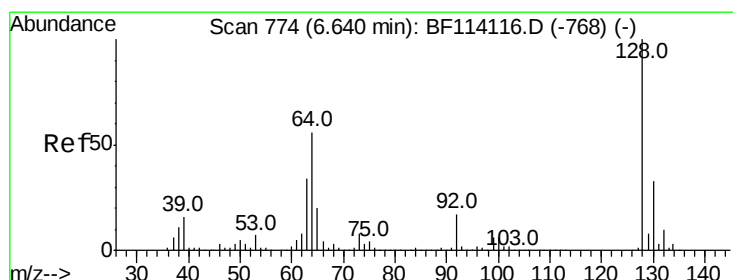
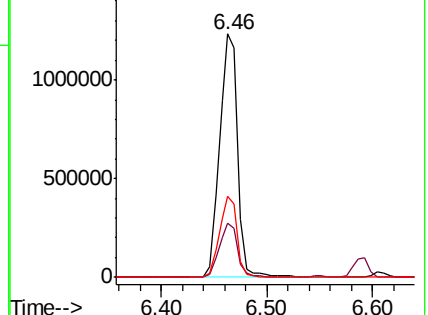
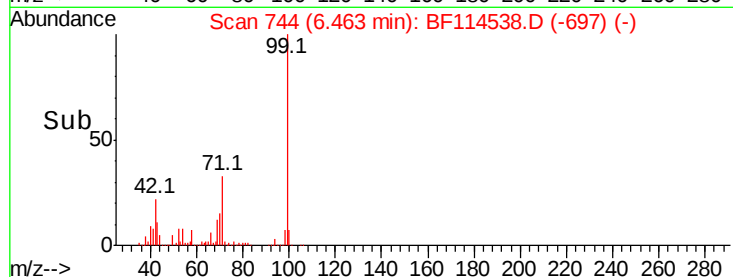
99 100

42 22.1 17.9 26.9

71 33.5 26.2 39.2



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



#8

2-Chlorophenol

Concen: 40.752 ng

RT: 6.60 min Scan# 768

Delta R.T. -0.03 min

Lab File: BF114538.D

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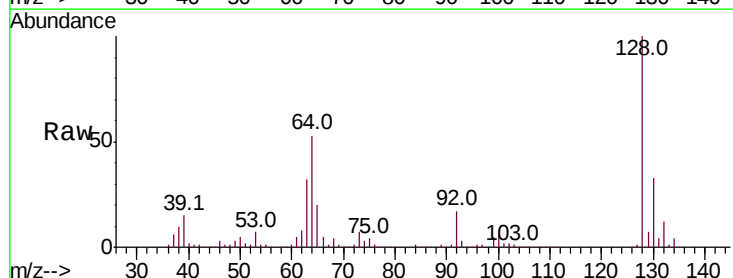
Tgt Ion:128 Resp: 465190

Ion Ratio Lower Upper

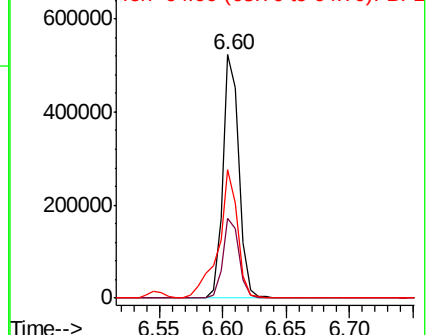
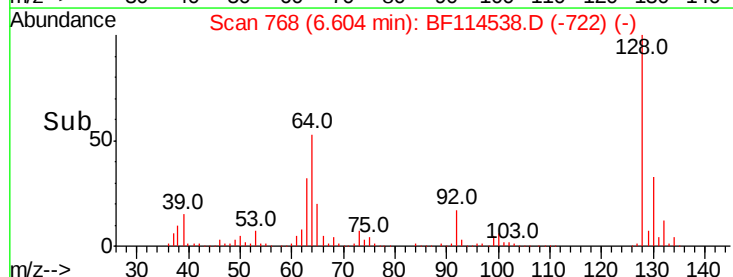
128 100

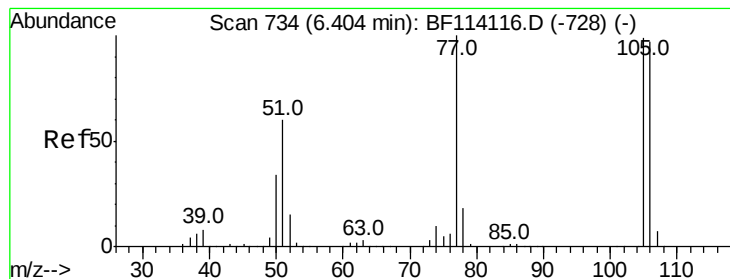
130 32.7 12.6 52.6

64 52.9 35.9 75.9



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





#9

Benzaldehyde

Concen: 19.609 ng

RT: 6.36 min Scan# 727

Delta R.T. -0.03 min

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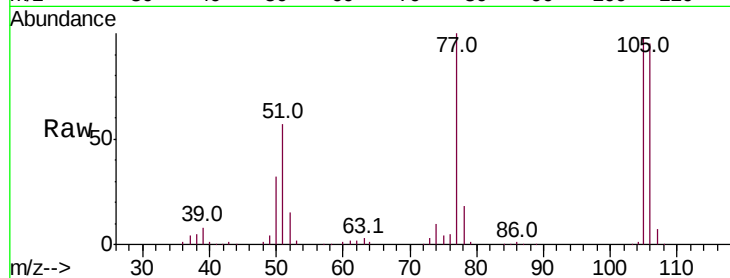
Tot Ion: 77 Resp: 173612

Ion Ratio Lower Upper

77 100

105 97.8 79.3 119.3

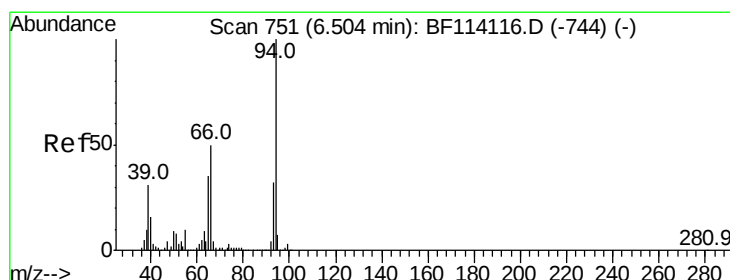
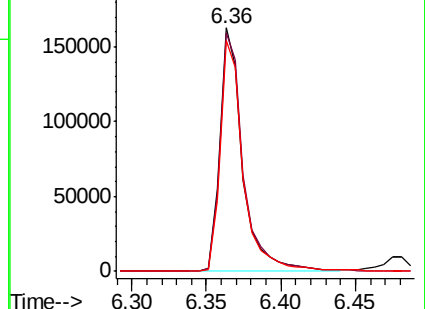
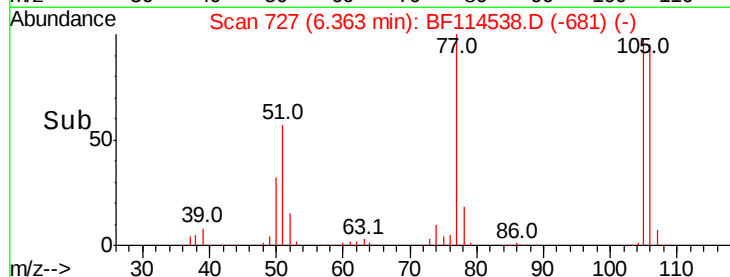
106 94.8 77.0 117.0



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 39.528 ng

RT: 6.47 min Scan# 746

Delta R.T. -0.03 min

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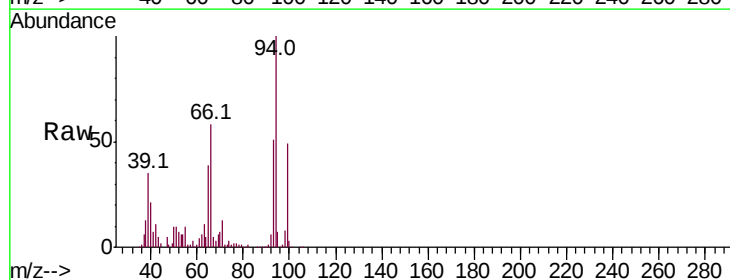
Tgt Ion: 94 Resp: 588065

Ion Ratio Lower Upper

94 100

65 39.5 14.7 54.7

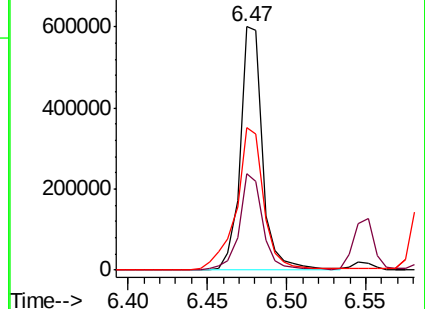
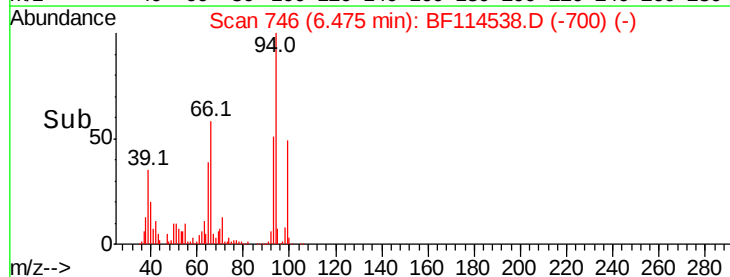
66 58.3 29.6 69.6



Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

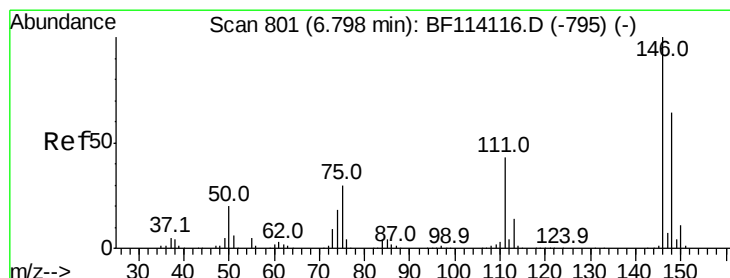
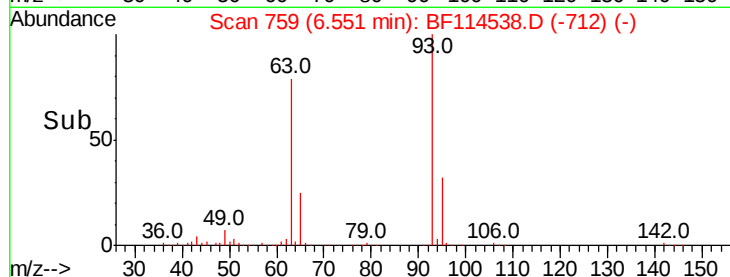
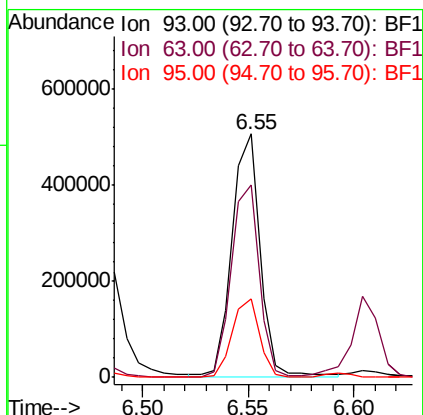
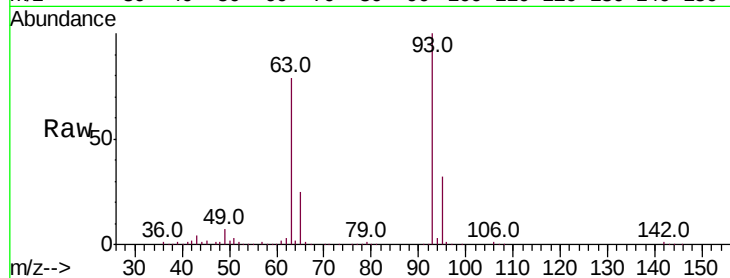




#11
bis(2-Chloroethyl)ether
Concen: 41.332 ng
RT: 6.55 min Scan# 759
Delta R.T. -0.02 min
Lab File: BF114538.D
Acq: 23 May 2019 22:01

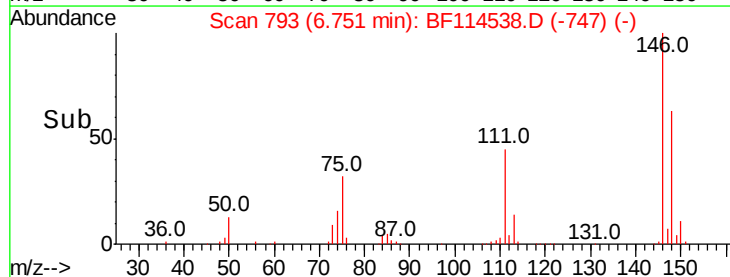
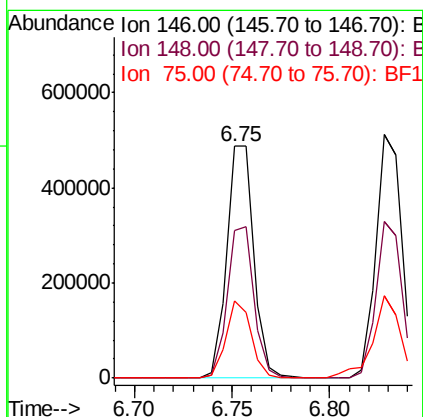
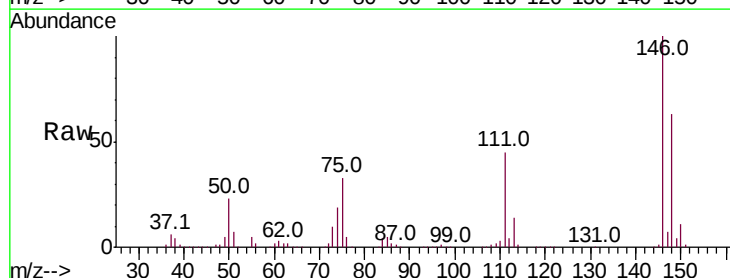
Instrument :
BNA_F
ClientSampleId :

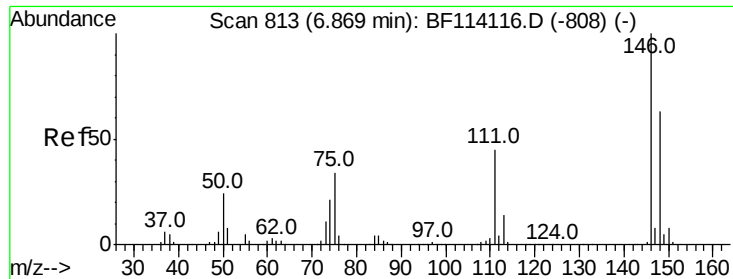
Tot Ion: 93 Resp: 466830
Ion Ratio Lower Upper
93 100
63 79.1 63.6 103.6
95 32.3 13.1 53.1



#12
1,3-Dichlorobenzene
Concen: 36.708 ng
RT: 6.75 min Scan# 793
Delta R.T. -0.03 min
Lab File: BF114538.D
Acq: 23 May 2019 22:01

Tgt Ion: 146 Resp: 470356
Ion Ratio Lower Upper
146 100
148 63.4 51.6 77.4
75 33.3 24.2 36.2

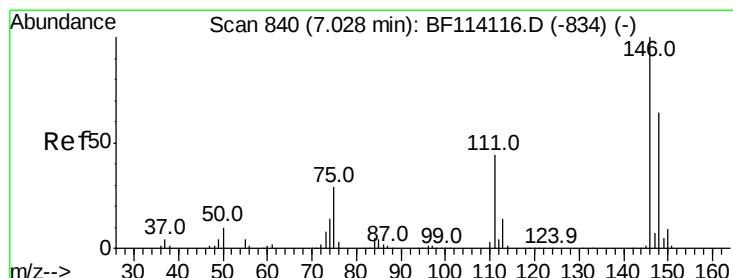
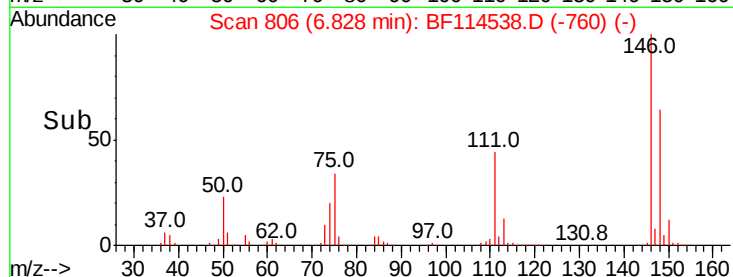
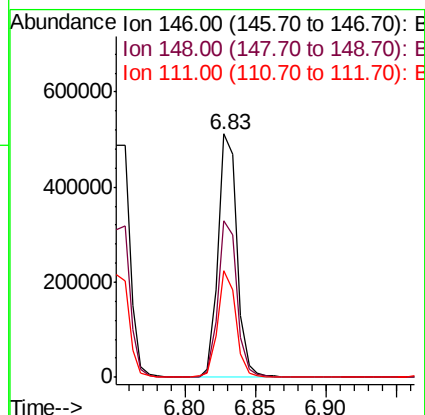
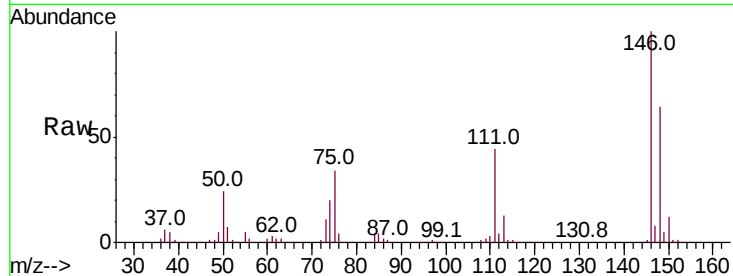




#13
 1,4-Dichlorobenzene
 Concen: 37.023 ng
 RT: 6.83 min Scan# 806
 Delta R.T. -0.03 min
 Lab File: BF114538.D
 Acq: 23 May 2019 22:01

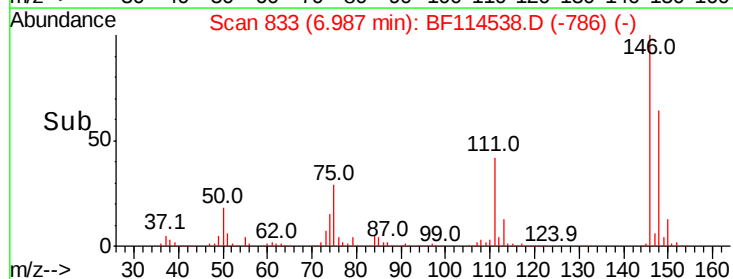
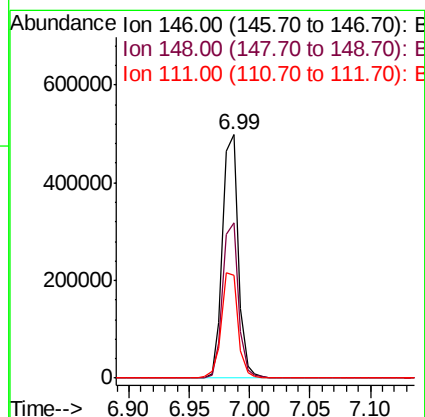
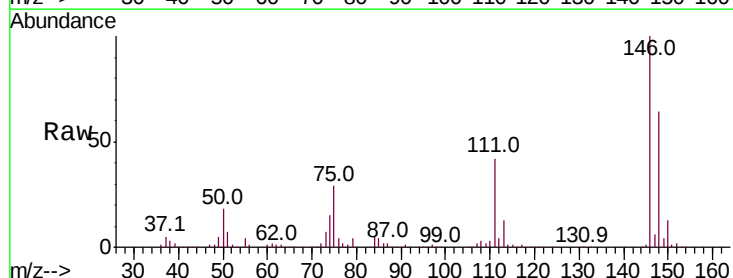
Instrument :
 BNA_F
 ClientSampleId :

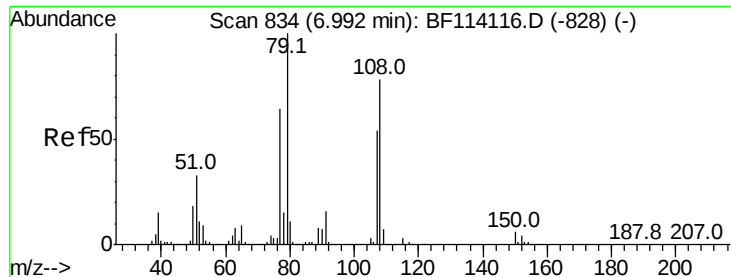
Tot Ion:146 Resp: 478035
 Ion Ratio Lower Upper
 146 100
 148 64.1 50.2 75.2
 111 44.0 35.8 53.6



#14
 1,2-Dichlorobenzene
 Concen: 38.142 ng
 RT: 6.99 min Scan# 833
 Delta R.T. -0.02 min
 Lab File: BF114538.D
 Acq: 23 May 2019 22:01

Tgt Ion:146 Resp: 449936
 Ion Ratio Lower Upper
 146 100
 148 63.7 51.1 76.7
 111 42.5 35.3 52.9





#15

Benzyl Alcohol

Concen: 38.118 ng

RT: 6.96 min Scan# 829

Delta R.T. -0.02 min

Lab File: BF114538.D

Acq: 23 May 2019 22:01

Instrument :

BNA_F

ClientSampled :

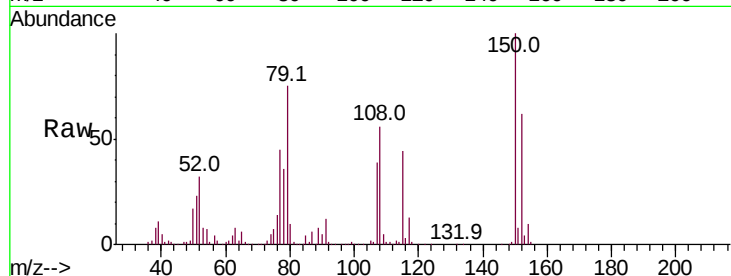
Tot Ion: 79 Resp: 375985

Ion Ratio Lower Upper

79 100

108 75.2 62.1 93.1

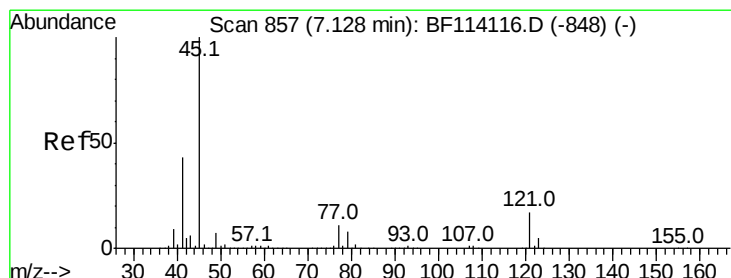
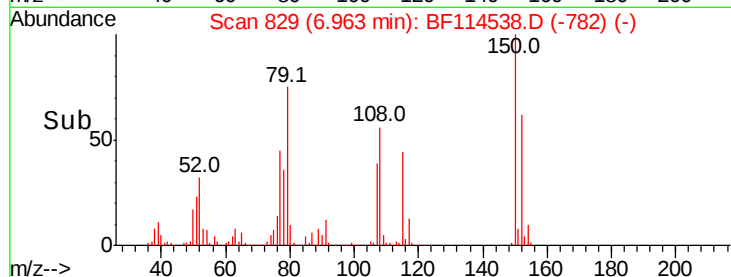
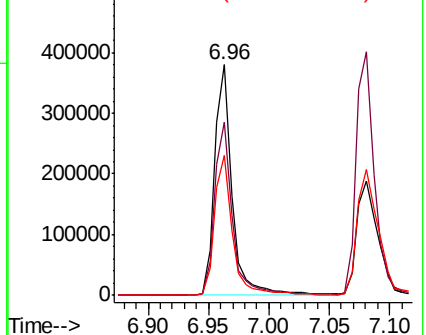
77 60.7 51.0 76.6



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1



#16

2,2'-oxybis(1-chloropropane)

Concen: 36.372 ng

RT: 7.09 min Scan# 850

Delta R.T. -0.03 min

Lab File: BF114538.D

Acq: 23 May 2019 22:01

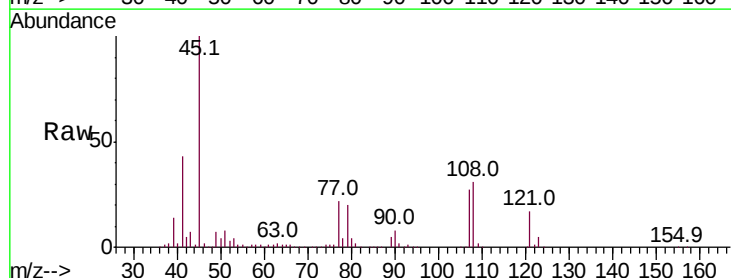
Tgt Ion: 45 Resp: 796535

Ion Ratio Lower Upper

45 100

77 22.0 0.0 31.1

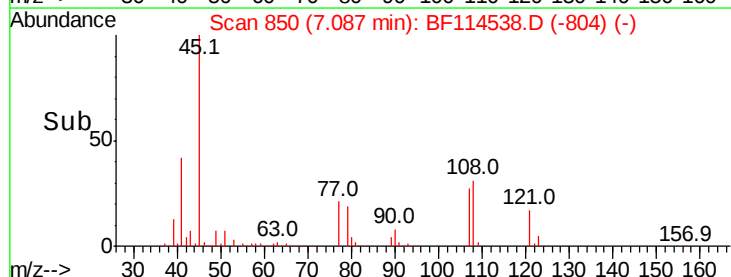
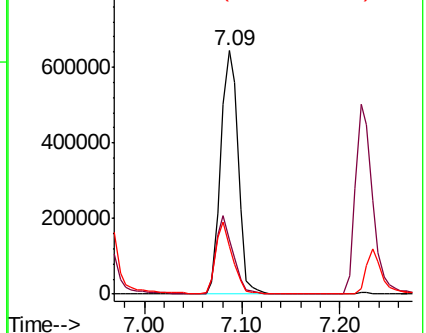
79 19.6 0.0 28.4

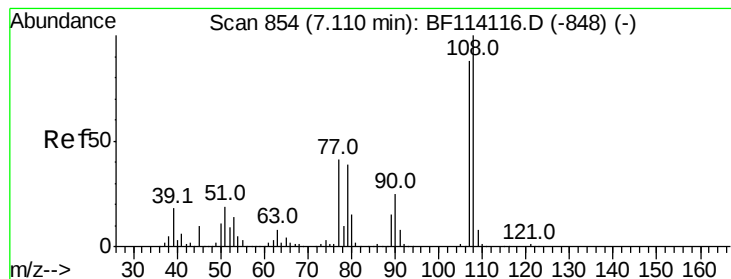


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

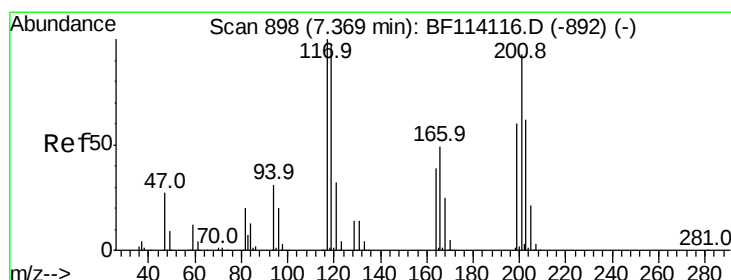
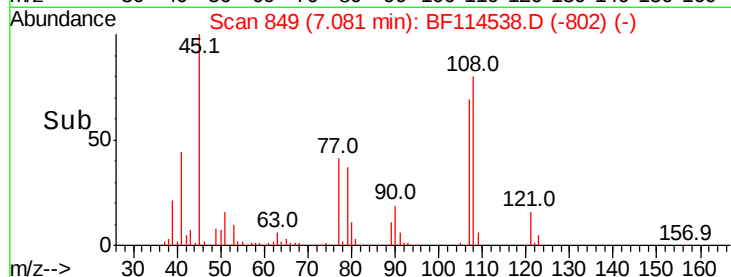
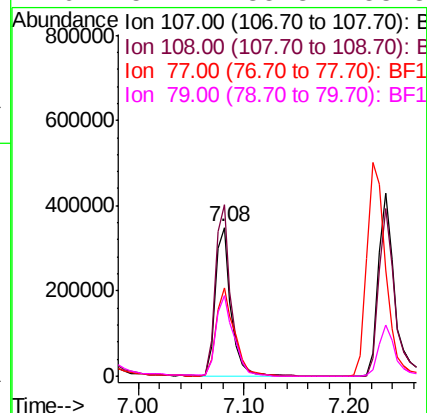
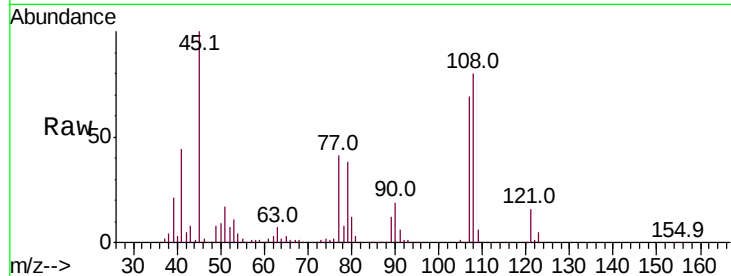




#17
2-Methylphenol
Concen: 38.797 ng
RT: 7.08 min Scan# 849
Delta R.T. -0.02 min
Lab File: BF114538.D
Acq: 23 May 2019 22:01

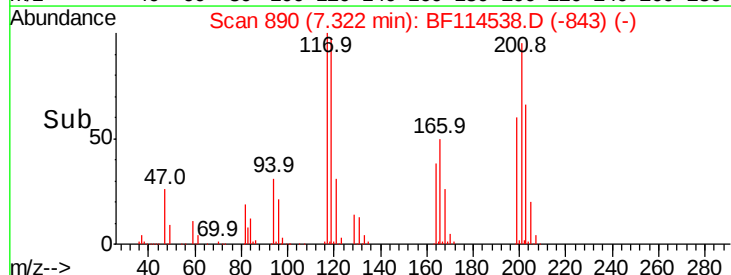
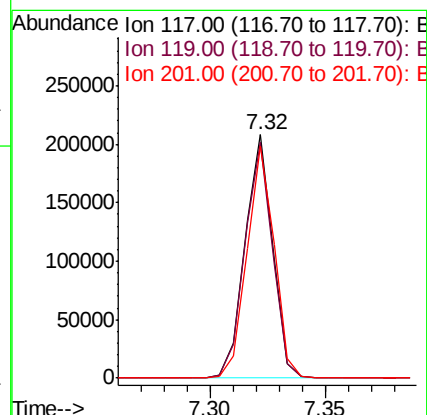
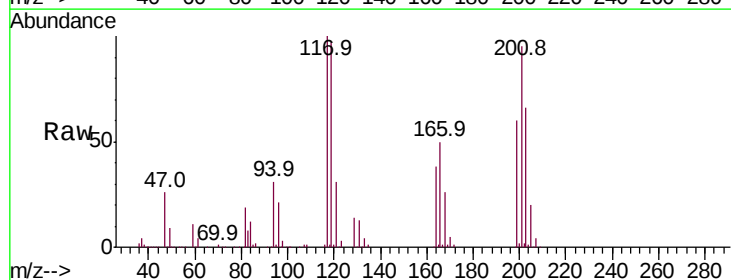
Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
107	100		
108	114.9	90.5	135.7
77	59.7	37.0	55.4#
79	54.2	35.8	53.8#



#18
Hexachloroethane
Concen: 35.705 ng
RT: 7.32 min Scan# 890
Delta R.T. -0.02 min
Lab File: BF114538.D
Acq: 23 May 2019 22:01

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.1	77.4	116.2
201	95.2	74.5	111.7

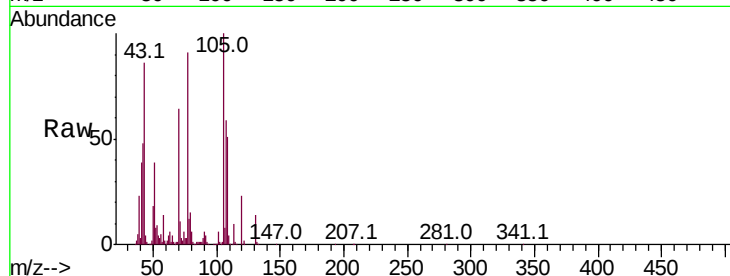




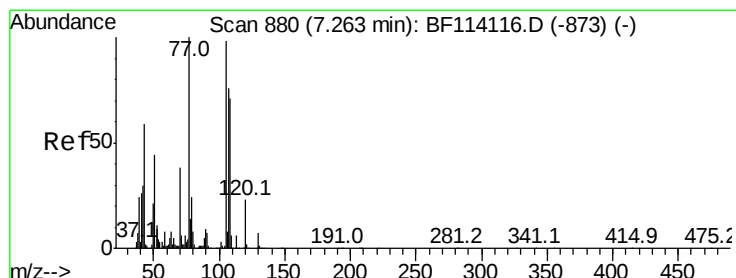
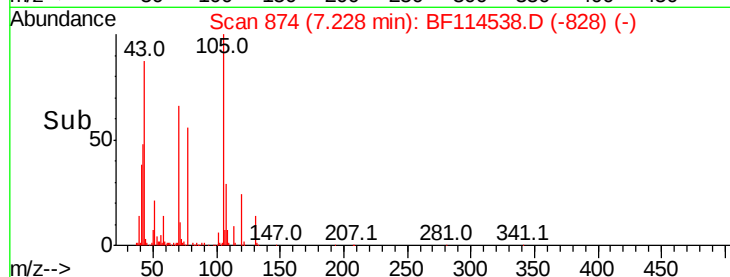
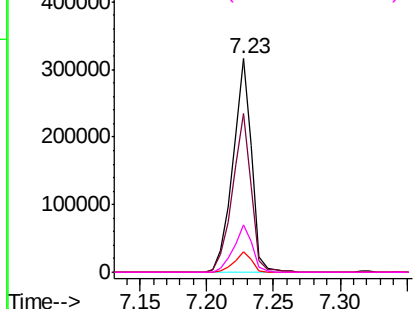
#19
n-Nitroso-di-n-propylamine
Concen: 38.872 ng
RT: 7.23 min Scan# 874
Delta R.T. -0.03 min
Lab File: BF114538.D
Acq: 23 May 2019 22:01

Instrument :
BNA_F
ClientSampled :

Tot Ion: 70 Resp: 311604
Ion Ratio Lower Upper
70 100
42 74.2 58.6 87.8
101 9.8 7.8 11.8
130 22.0 17.1 25.7

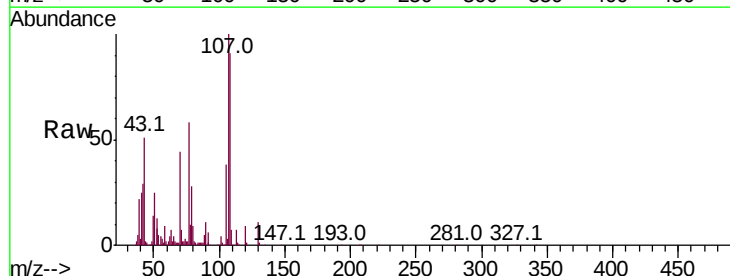


Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

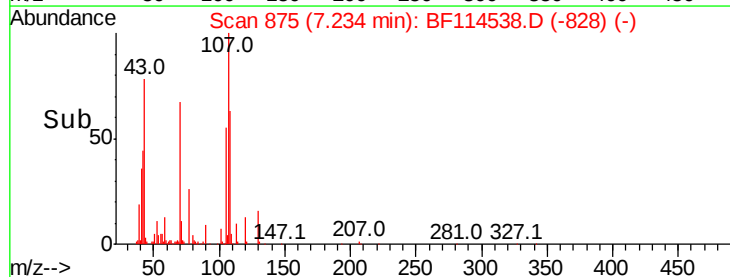
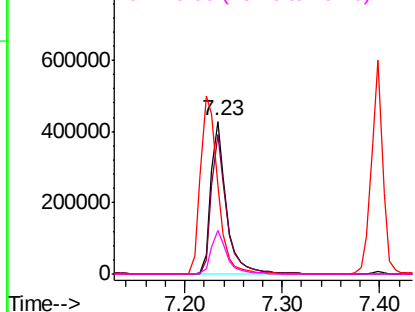


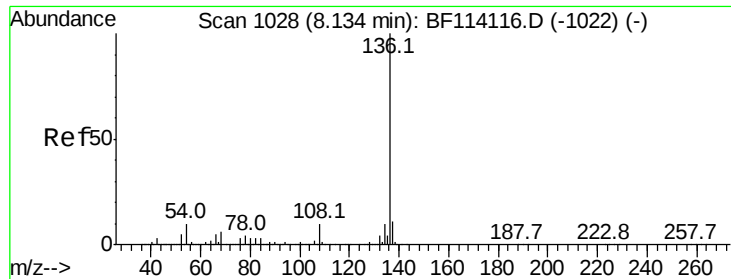
#20
3+4-Methylphenols
Concen: 43.256 ng
RT: 7.23 min Scan# 875
Delta R.T. -0.02 min
Lab File: BF114538.D
Acq: 23 May 2019 22:01

Tgt Ion:107 Resp: 468639
Ion Ratio Lower Upper
107 100
108 91.3 73.8 113.8
77 58.2 111.5 151.5#
79 28.2 12.0 52.0



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

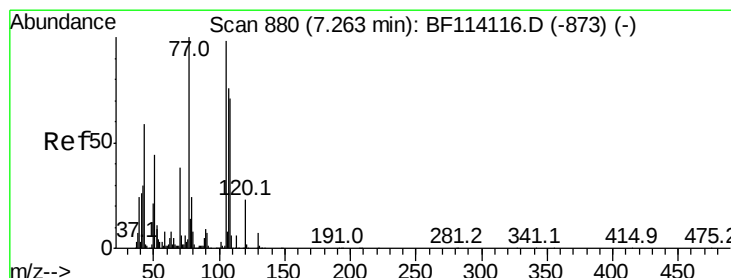
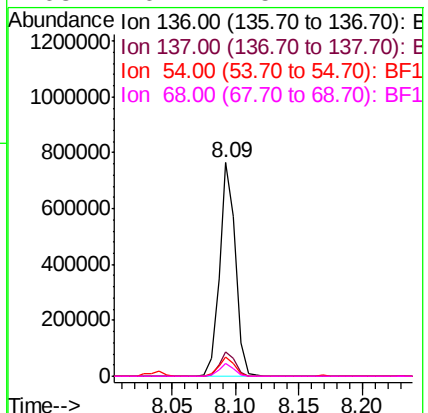
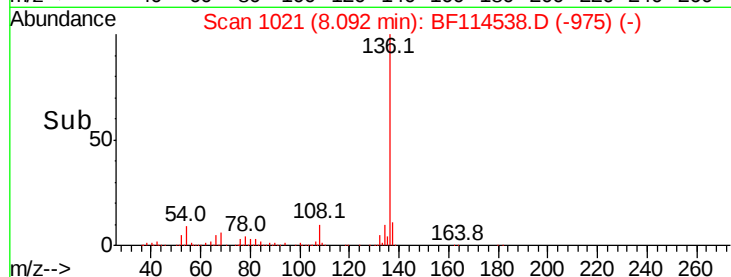
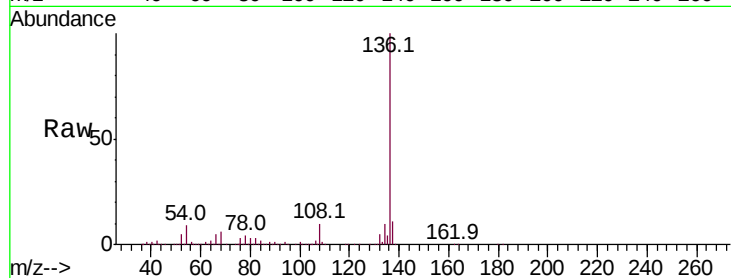




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1021
Delta R.T. -0.03 min
Lab File: BF114538.D
Acq: 23 May 2019 22:01

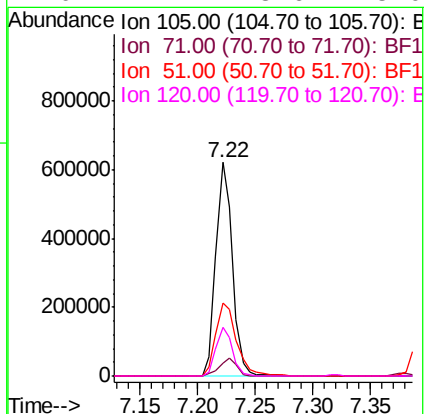
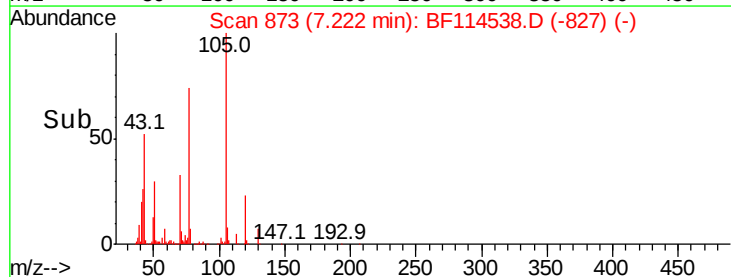
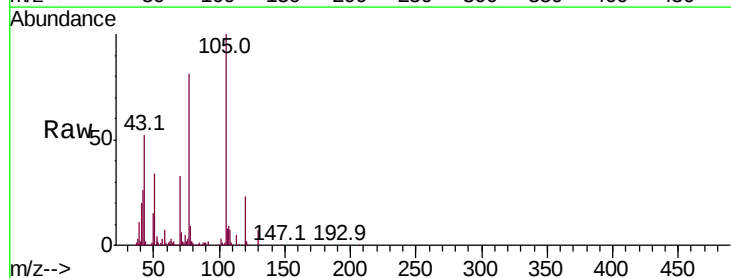
Instrument :
BNA_F
ClientSampled :

Tot Ion:136	Resp:	670476	
Ion Ratio	Lower	Upper	
136 100			
137 11.4	8.8	13.2	
54 9.2	7.8	11.8	
68 6.1	5.1	7.7	



#22
Acetophenone
Concen: 41.598 ng
RT: 7.22 min Scan# 873
Delta R.T. -0.03 min
Lab File: BF114538.D
Acq: 23 May 2019 22:01

Tgt	Ion:105	Resp:	617867
Ion	Ratio	Lower	Upper
105	100		
71	5.7	5.3	7.9
51	34.3	36.2	54.4#
120	22.7	18.6	28.0

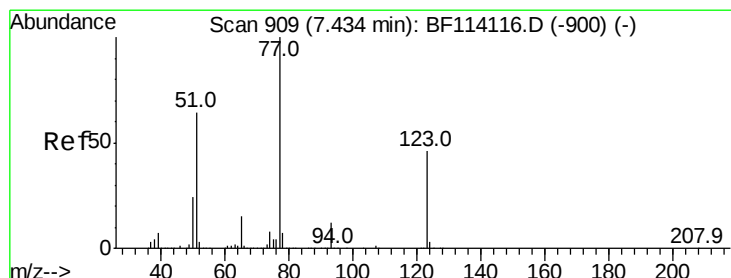
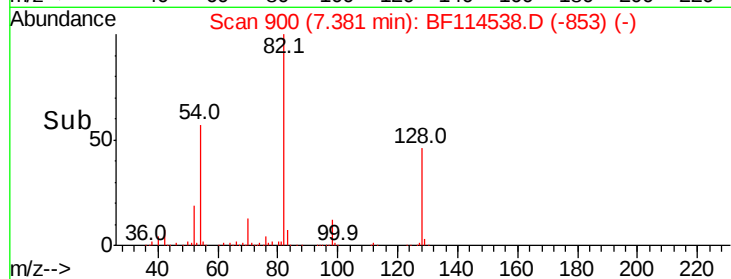
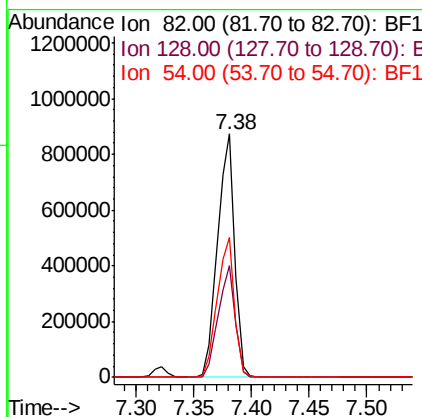
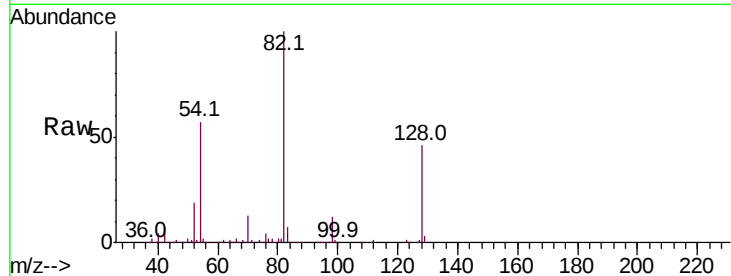




#23
Nitrobenzene-d5
Concen: 75.105 ng
RT: 7.38 min Scan# 900
Delta R.T. -0.02 min
Lab File: BF114538.D
Acq: 23 May 2019 22:01

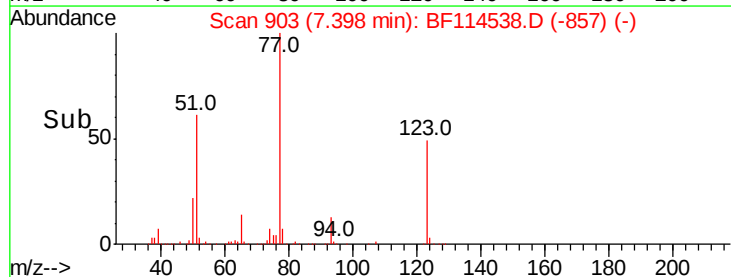
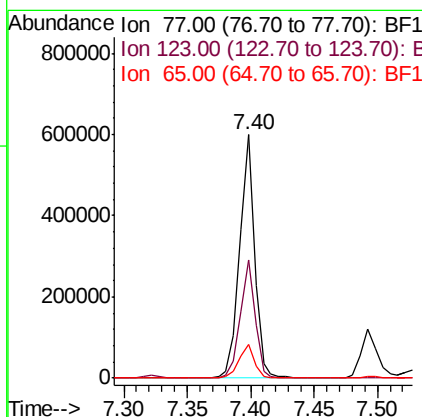
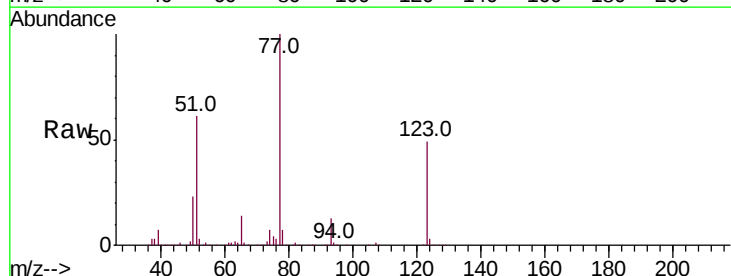
Instrument :
BNA_F
ClientSampled :

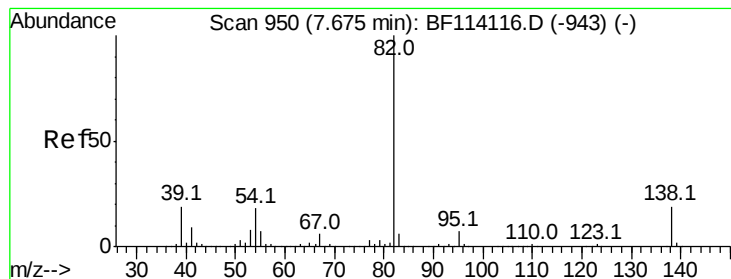
Tot Ion: 82 Resp: 897297
Ion Ratio Lower Upper
82 100
128 45.9 35.5 53.3
54 57.4 48.5 72.7



#24
Nitrobenzene
Concen: 39.895 ng
RT: 7.40 min Scan# 903
Delta R.T. -0.03 min
Lab File: BF114538.D
Acq: 23 May 2019 22:01

Tgt Ion: 77 Resp: 485455
Ion Ratio Lower Upper
77 100
123 48.7 36.9 55.3
65 14.0 11.8 17.6





#25

Isophorone

Concen: 40.295 ng

RT: 7.63 min Scan# 943

Delta R.T. -0.03 min

Lab File: BF114538.D

Acq: 23 May 2019 22:01

Instrument :

BNA_F

ClientSampleId :

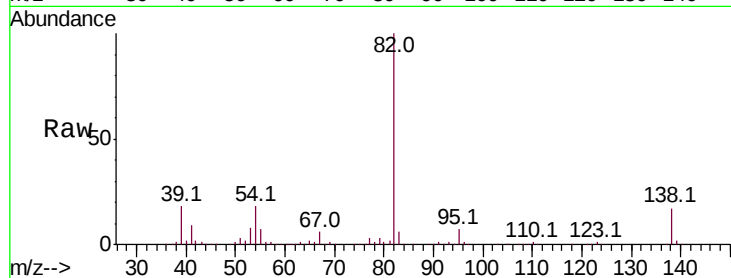
Tot Ion: 82 Resp: 892818

Ion Ratio Lower Upper

82 100

95 6.9 5.6 8.4

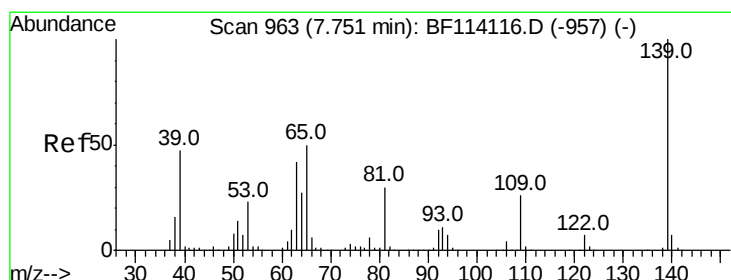
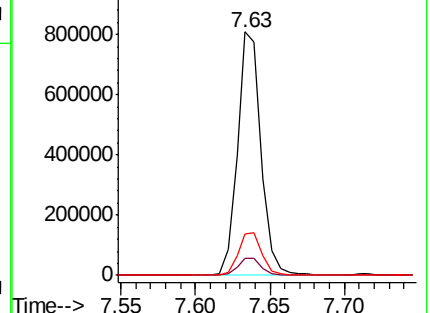
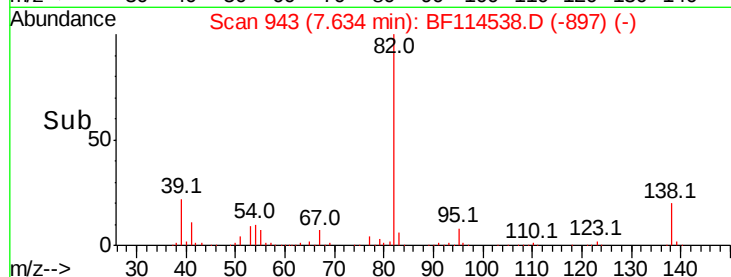
138 17.2 14.8 22.2



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: 42.370 ng

RT: 7.72 min Scan# 957

Delta R.T. -0.02 min

Lab File: BF114538.D

Acq: 23 May 2019 22:01

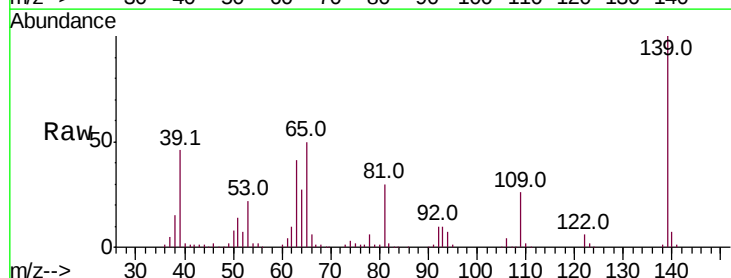
Tgt Ion: 139 Resp: 250138

Ion Ratio Lower Upper

139 100

109 25.9 20.7 31.1

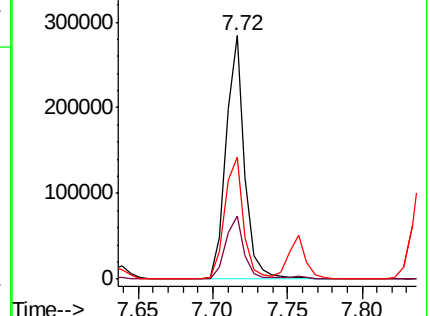
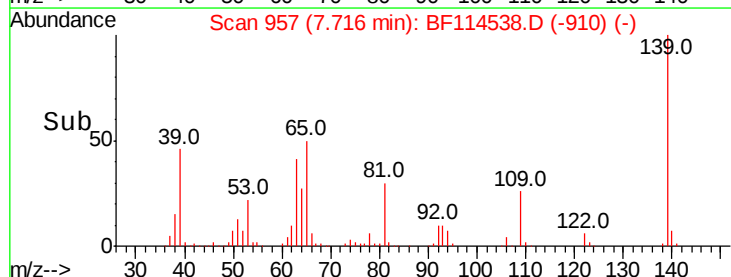
65 50.1 40.2 60.2

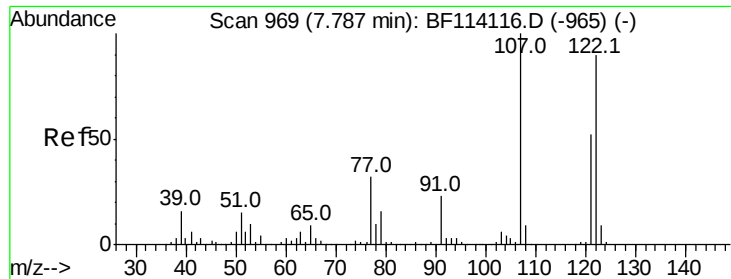


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

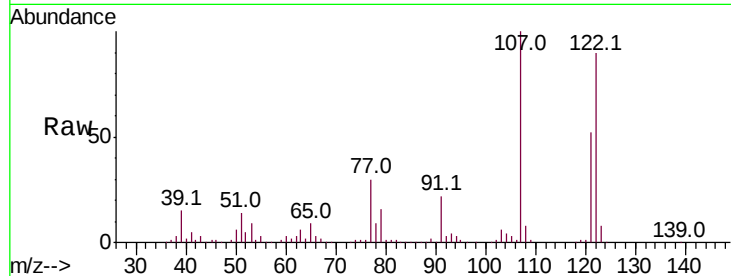




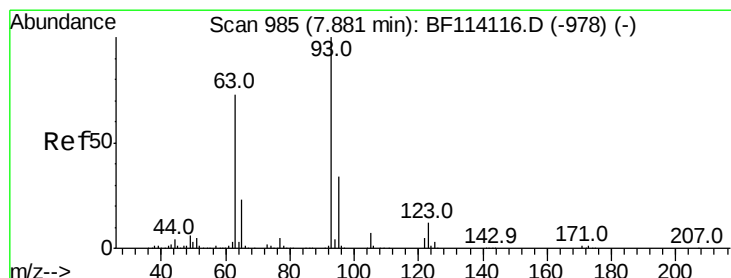
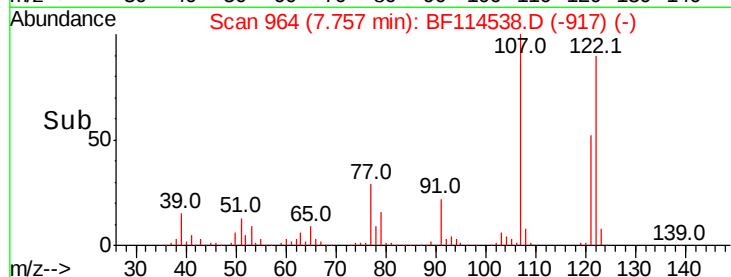
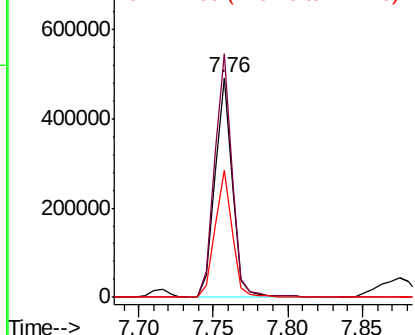
#27
2,4-Dimethylphenol
Concen: 42.895 ng
RT: 7.76 min Scan# 964
Delta R.T. -0.02 min
Lab File: BF114538.D
Acq: 23 May 2019 22:01

Instrument :
BNA_F
ClientSampleId :

Tot Ion:122 Resp: 397729
Ion Ratio Lower Upper
122 100
107 110.9 88.4 132.6
121 57.6 45.9 68.9

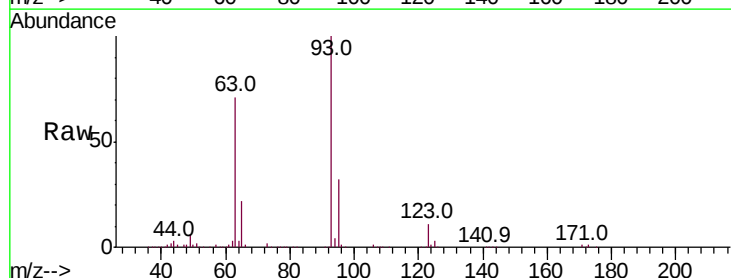


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

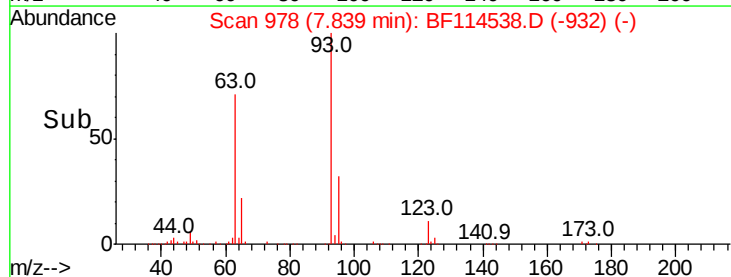
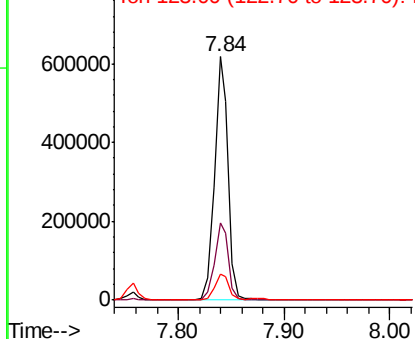


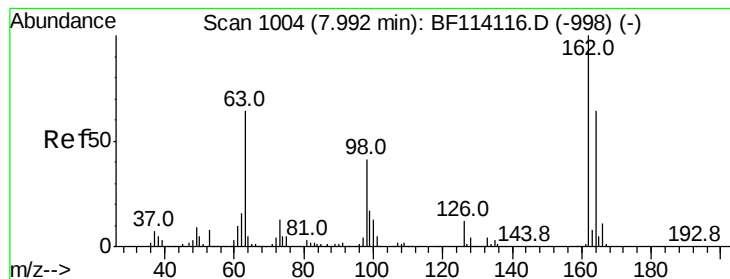
#28
bis(2-Chloroethoxy)methane
Concen: 39.218 ng
RT: 7.84 min Scan# 978
Delta R.T. -0.03 min
Lab File: BF114538.D
Acq: 23 May 2019 22:01

Tgt Ion: 93 Resp: 563820
Ion Ratio Lower Upper
93 100
95 31.6 26.8 40.2
123 10.8 9.5 14.3



Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 42.229 ng

RT: 7.96 min Scan# 999

Delta R.T. -0.02 min

Lab File: BF114538.D

Acq: 23 May 2019 22:01

Instrument :
BNA_F
ClientSampleId :

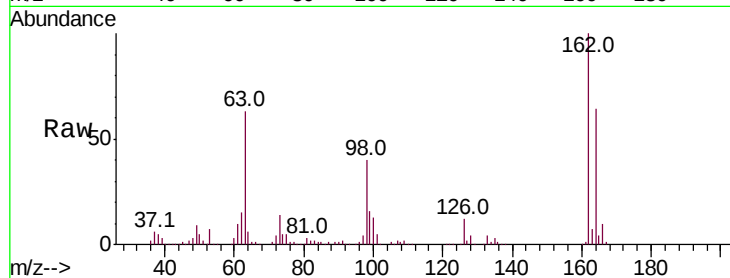
Tot Ion:162 Resp: 389889

Ion Ratio Lower Upper

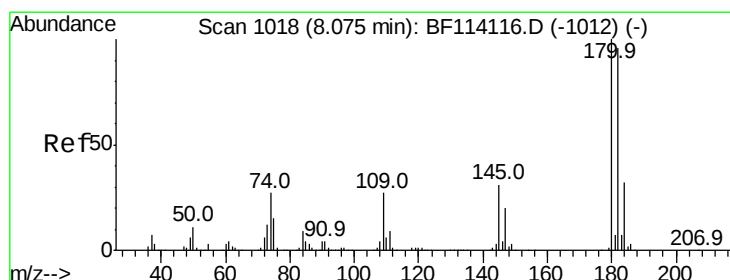
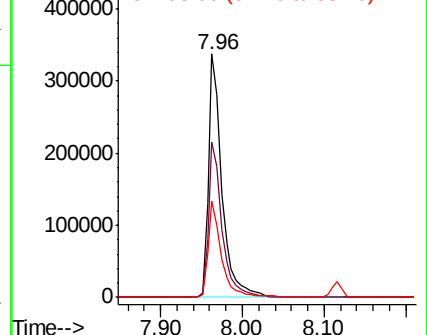
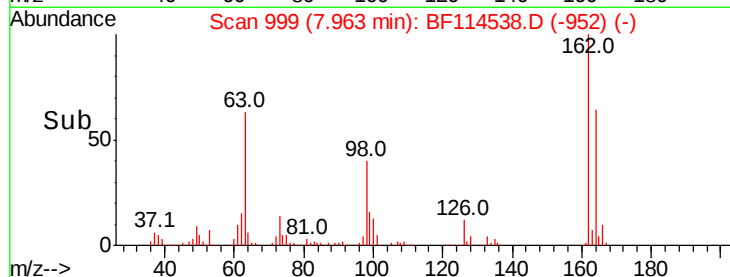
162 100

164 64.0 43.6 83.6

98 39.8 20.6 60.6



Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1



#30

1,2,4-Trichlorobenzene

Concen: 38.022 ng

RT: 8.04 min Scan# 1012

Delta R.T. -0.02 min

Lab File: BF114538.D

Acq: 23 May 2019 22:01

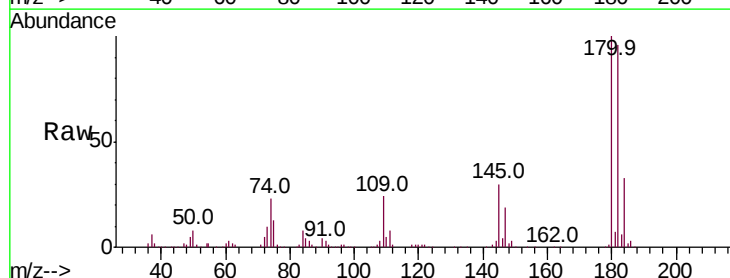
Tgt Ion:180 Resp: 399189

Ion Ratio Lower Upper

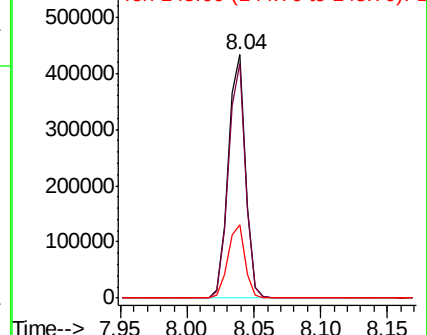
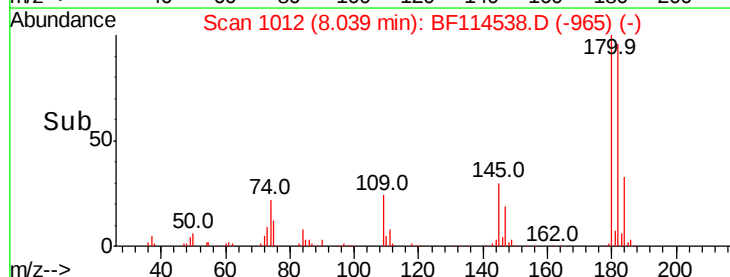
180 100

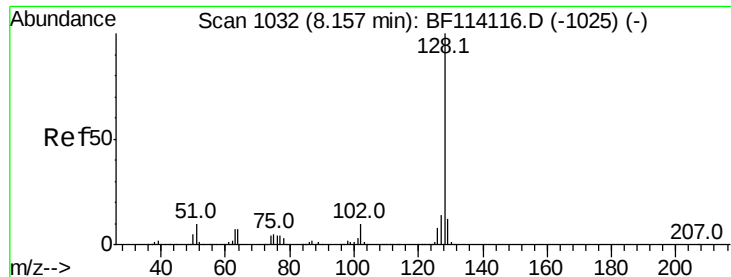
182 96.2 76.6 114.8

145 30.2 25.1 37.7



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

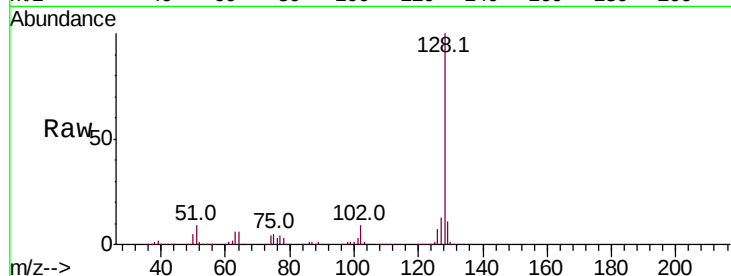




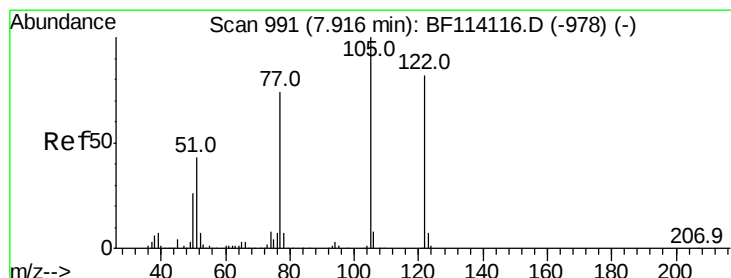
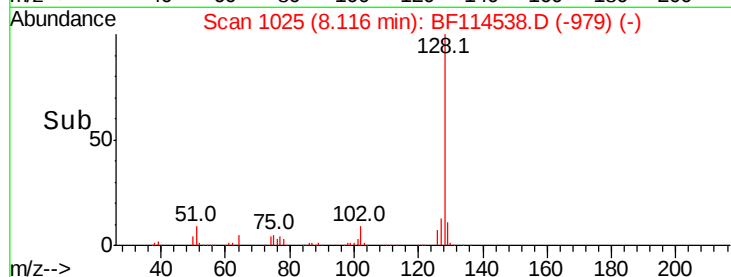
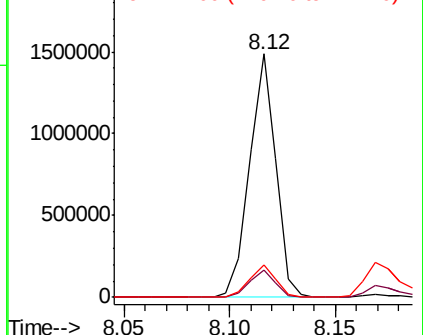
#31
Naphthalene
Concen: 40.995 ng
RT: 8.12 min Scan# 1025
Delta R.T. -0.03 min
Lab File: BF114538.D
Acq: 23 May 2019 22:01

Instrument :
BNA_F
ClientSampleId :

Tot Ion:128 Resp: 1283933
Ion Ratio Lower Upper
128 100
129 11.5 9.6 14.4
127 13.5 11.3 16.9

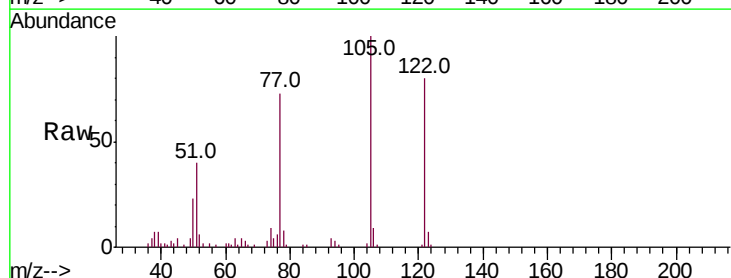


Abundance Ion 128.00 (127.70 to 128.70): E
2000000 Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

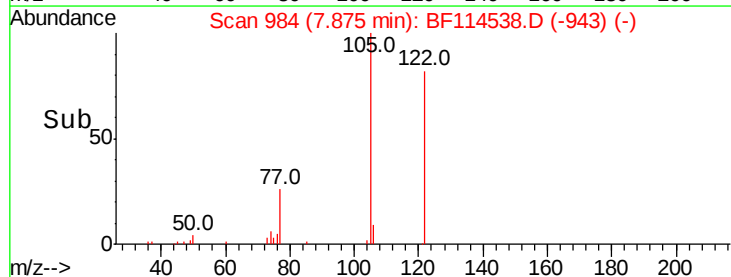
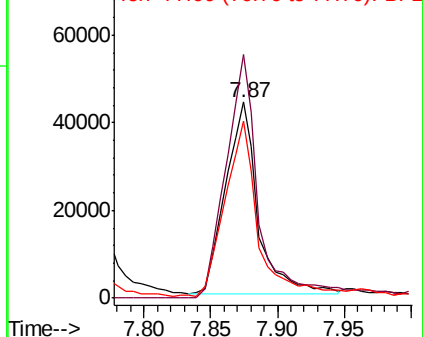


#32
Benzoic acid
Concen: 16.760 ng
RT: 7.87 min Scan# 984
Delta R.T. -0.06 min
Lab File: BF114538.D
Acq: 23 May 2019 22:01

Tgt Ion:122 Resp: 75421
Ion Ratio Lower Upper
122 100
105 124.3 99.9 139.9
77 90.4 69.4 109.4



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

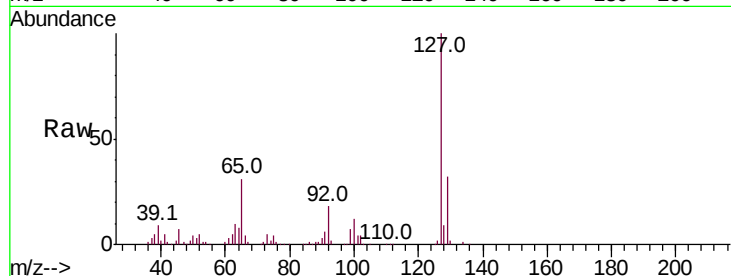




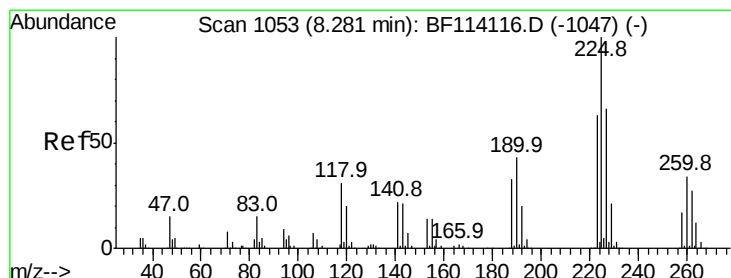
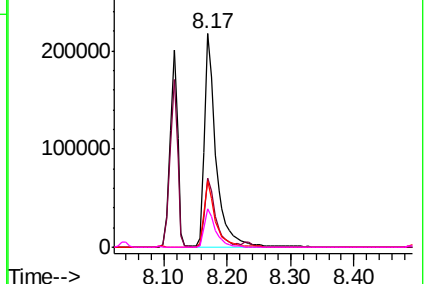
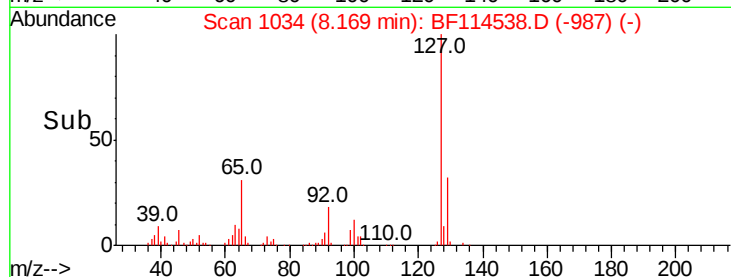
#33
4-Chloroaniline
Concen: 19.544 ng
RT: 8.17 min Scan# 1034
Delta R.T. -0.02 min
Lab File: BF114538.D
Acq: 23 May 2019 22:01

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	278930
Ion	Ratio	Lower	Upper
127	100		
129	32.4	26.7	40.1
65	31.0	25.4	38.0
92	18.2	15.4	23.2

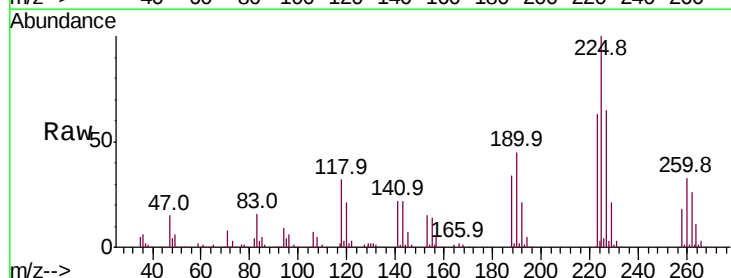


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

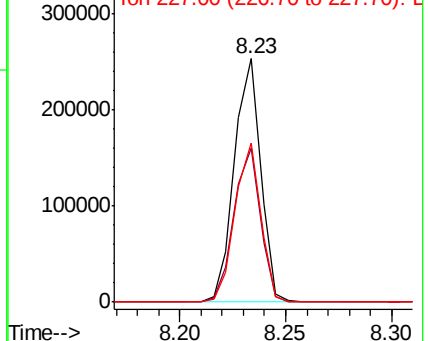
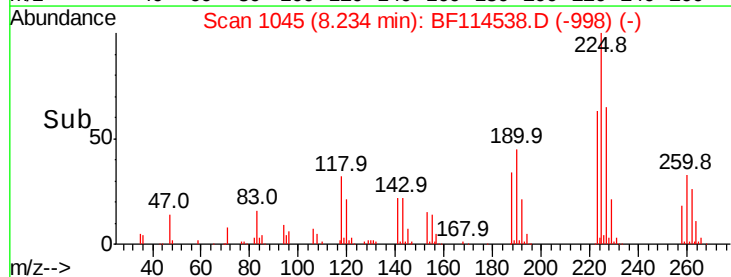


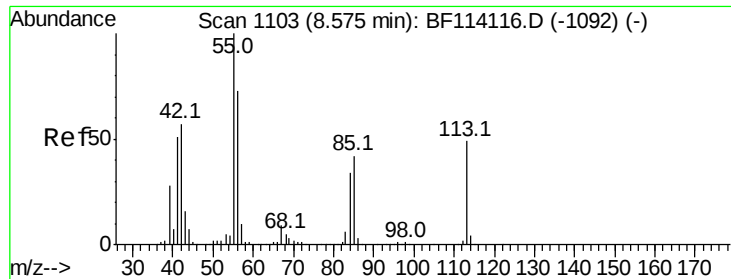
#34
Hexachlorobutadiene
Concen: 36.466 ng
RT: 8.23 min Scan# 1045
Delta R.T. -0.02 min
Lab File: BF114538.D
Acq: 23 May 2019 22:01

Tgt Ion:	225	Resp:	217836
Ion	Ratio	Lower	Upper
225	100		
223	63.4	50.2	75.2
227	65.4	52.6	79.0



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

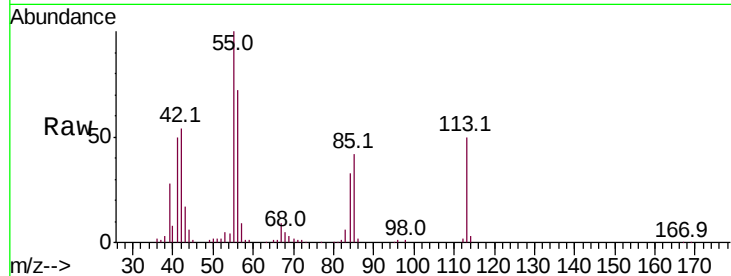




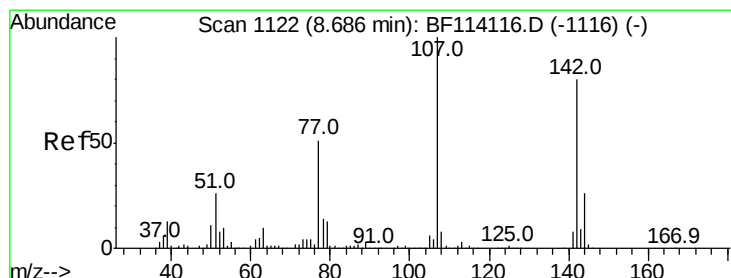
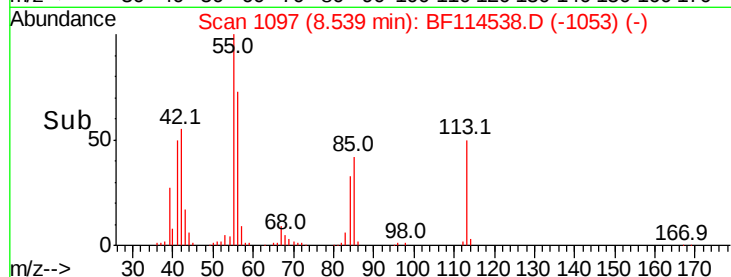
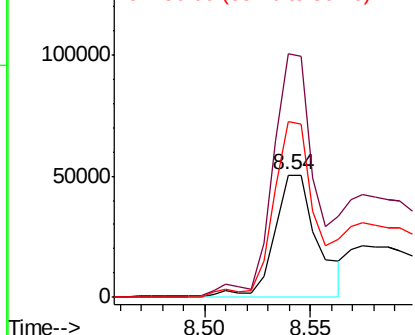
#35
Caprolactam
Concen: 23.739 ng
RT: 8.54 min Scan# 1097
Delta R.T. -0.04 min
Lab File: BF114538.D
Acq: 23 May 2019 22:01

Instrument :
BNA_F
ClientSampled :

Tot Ion:113 Resp: 71468
Ion Ratio Lower Upper
113 100
55 199.1 183.5 223.5
56 144.2 128.8 168.8

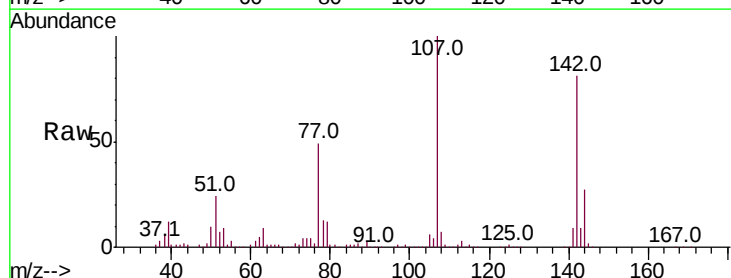


Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF1
Ion 56.00 (55.70 to 56.70): BF1

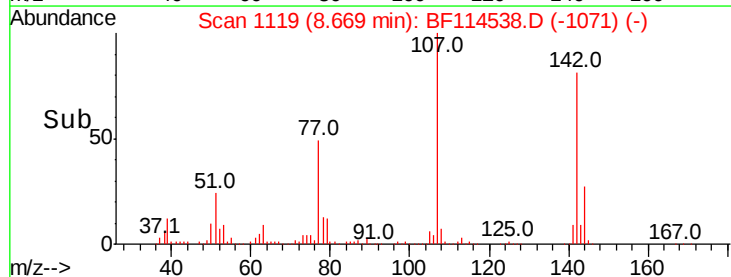
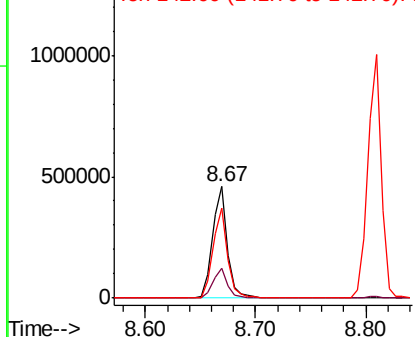


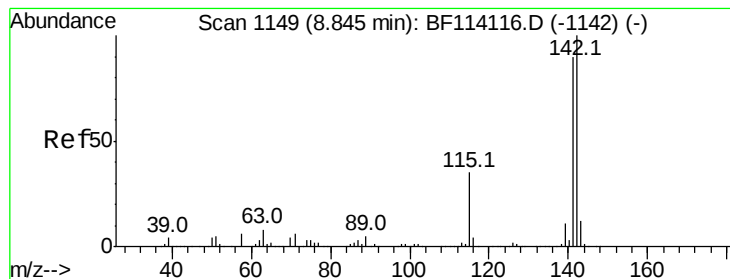
#36
4-Chloro-3-methylphenol
Concen: 44.797 ng
RT: 8.67 min Scan# 1119
Delta R.T. -0.02 min
Lab File: BF114538.D
Acq: 23 May 2019 22:01

Tgt Ion:107 Resp: 416329
Ion Ratio Lower Upper
107 100
144 26.8 20.4 30.6
142 80.9 64.2 96.4



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

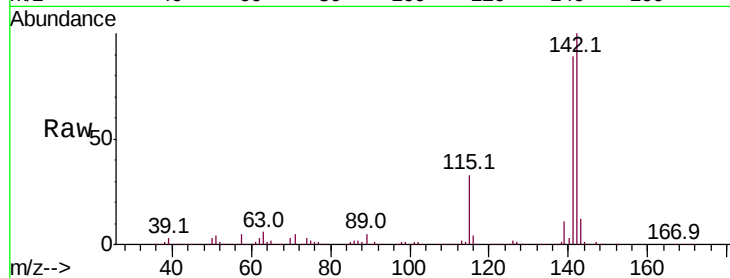




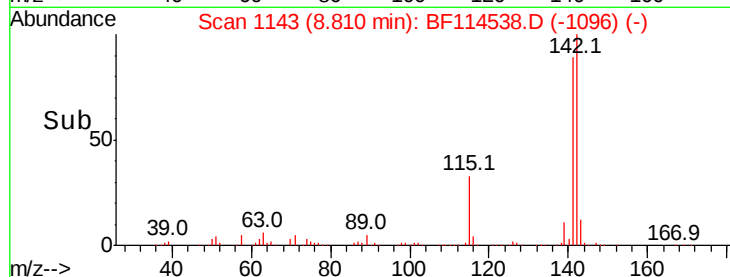
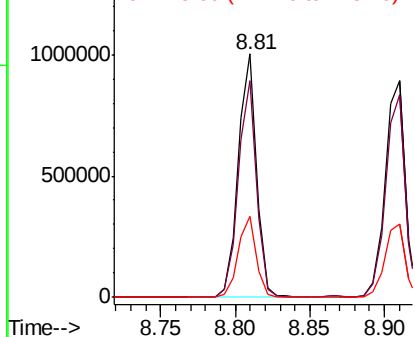
#37
2-Methylnaphthalene
Concen: 42.735 ng
RT: 8.81 min Scan# 1143
Delta R.T. -0.02 min
Lab File: BF114538.D
Acq: 23 May 2019 22:01

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.2	72.1	108.1
115	33.0	28.0	42.0

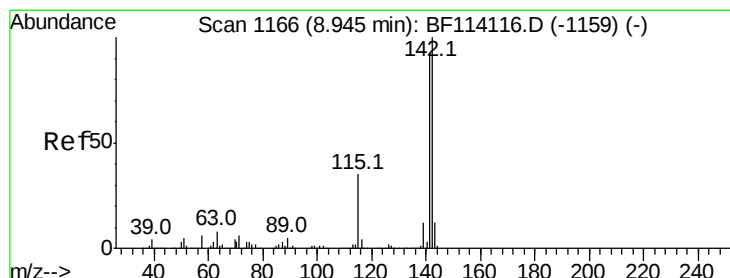


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

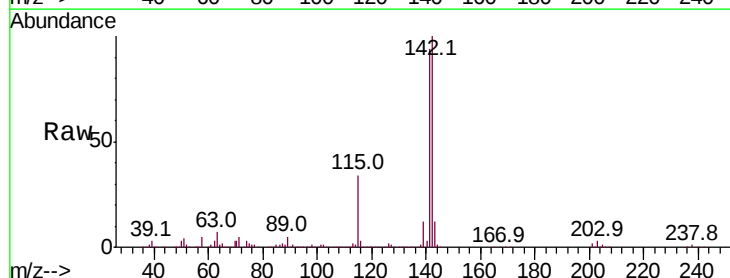
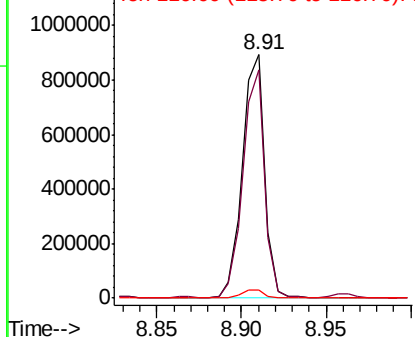


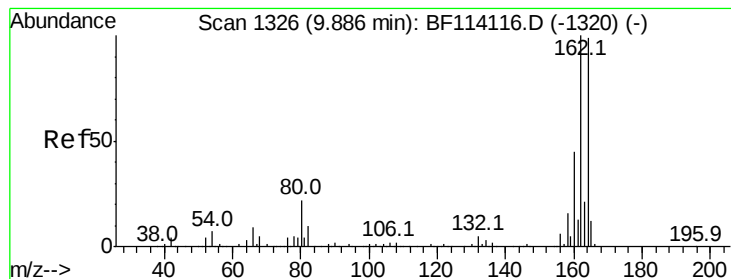
#38
1-Methylnaphthalene
Concen: 42.893 ng
RT: 8.91 min Scan# 1160
Delta R.T. -0.02 min
Lab File: BF114538.D
Acq: 23 May 2019 22:01

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.7	73.4	110.0
116	3.5	3.1	4.7



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: 9.85 min Scan# 1320

Delta R.T. -0.02 min

Lab File: BF114538.D

Acq: 23 May 2019 22:01

Instrument :

BNA_F

ClientSampleId :

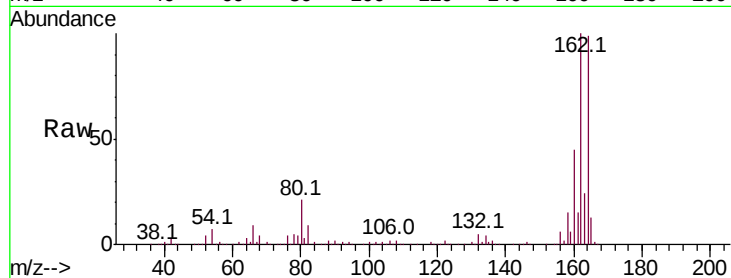
Tot Ion:164 Resp: 330620

Ion Ratio Lower Upper

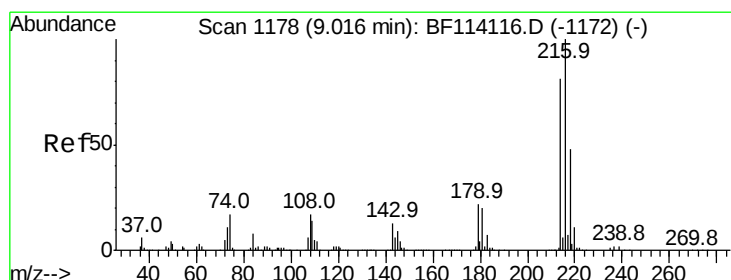
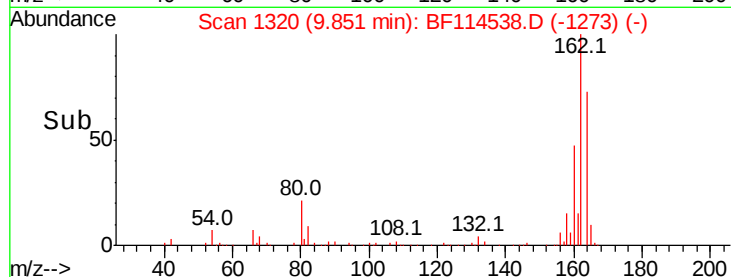
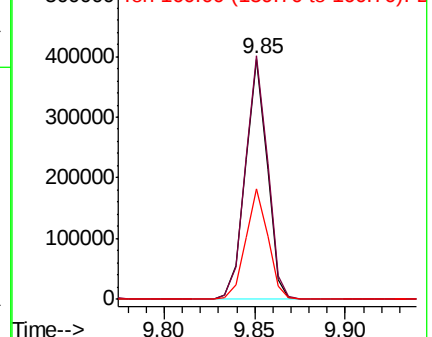
164 100

162 101.3 80.6 120.8

160 46.0 36.5 54.7



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: 39.129 ng

RT: 8.98 min Scan# 1172

Delta R.T. -0.02 min

Lab File: BF114538.D

Acq: 23 May 2019 22:01

Tgt Ion:216 Resp: 391880

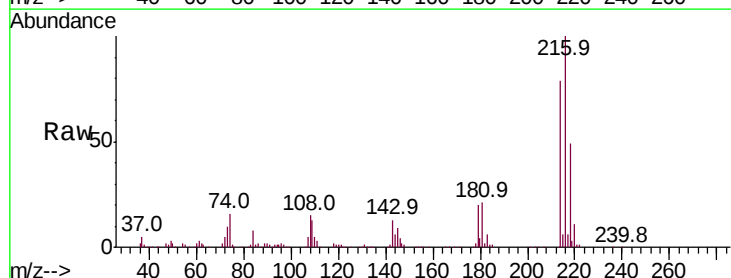
Ion Ratio Lower Upper

216 100

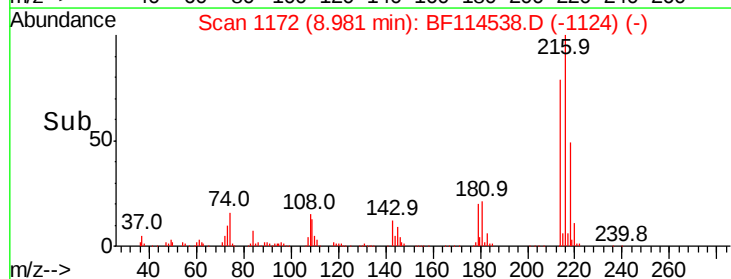
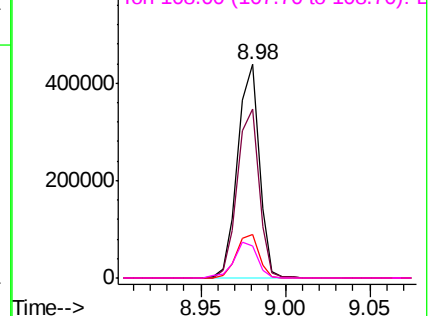
214 79.7 63.9 95.9

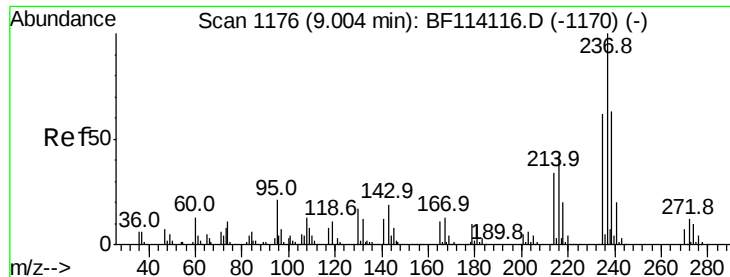
179 21.2 17.0 25.6

108 18.2 14.8 22.2



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: 24.051 ng

RT: 8.96 min Scan# 1169

Delta R.T. -0.02 min

Lab File: BF114538.D

Acq: 23 May 2019 22:01

Instrument :

BNA_F

ClientSampleId :

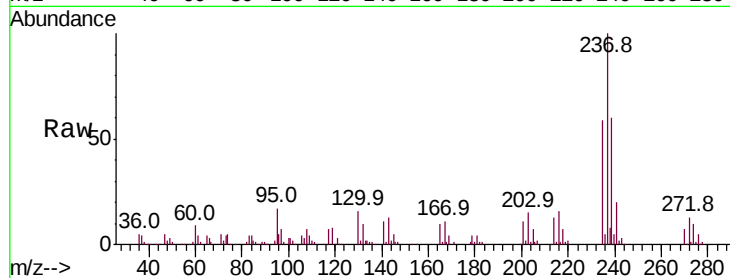
Tot Ion:237 Resp: 97301

Ion Ratio Lower Upper

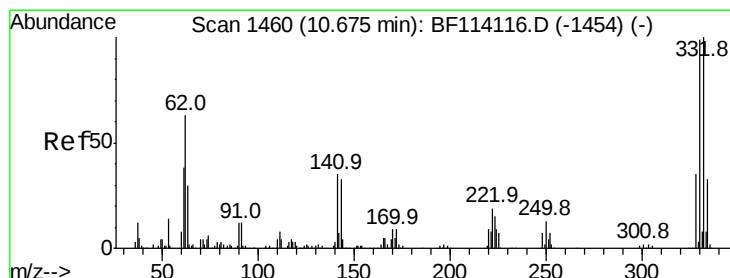
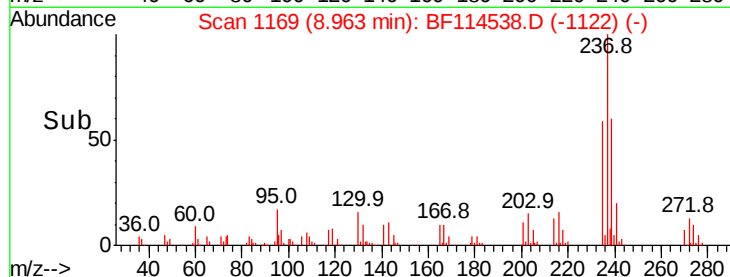
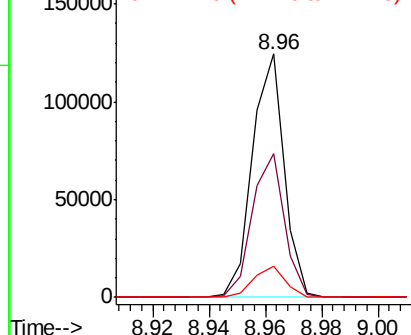
237 100

235 59.3 42.0 82.0

272 13.0 0.0 32.4



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



#42

2,4,6-Tribromophenol

Concen: 112.666 ng

RT: 10.65 min Scan# 1455

Delta R.T. -0.02 min

Lab File: BF114538.D

Acq: 23 May 2019 22:01

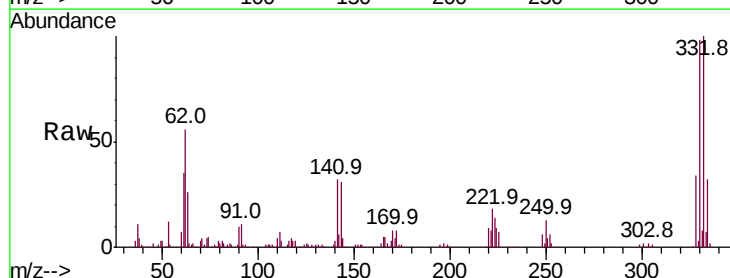
Tgt Ion:330 Resp: 385099

Ion Ratio Lower Upper

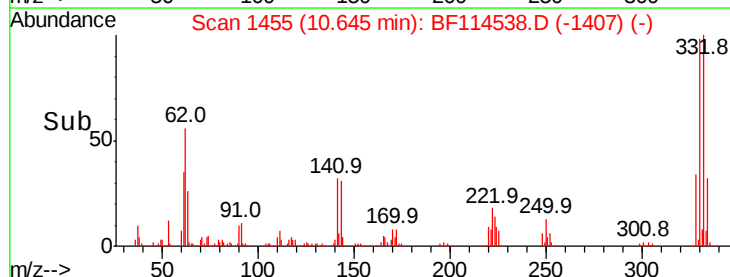
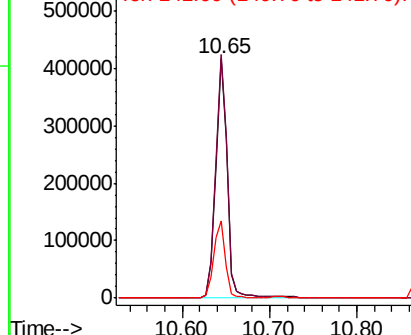
330 100

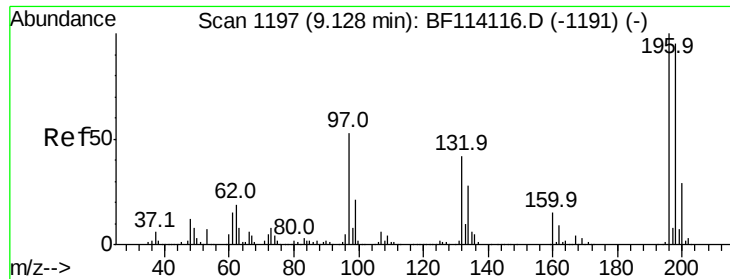
332 102.1 81.4 122.2

141 32.4 26.6 40.0



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

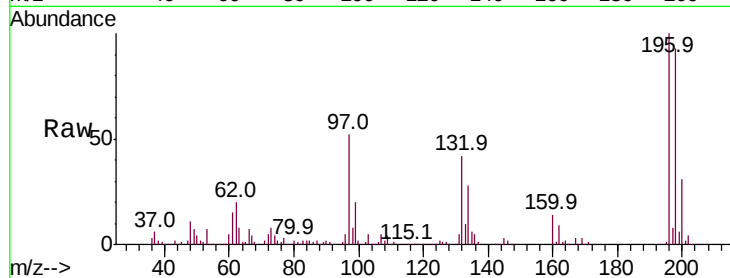




#43
 2,4,6-Trichlorophenol
 Concen: 38.982 ng
 RT: 9.10 min Scan# 1192
 Delta R.T. -0.02 min
 Lab File: BF114538.D
 Acq: 23 May 2019 22:01

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
196	100		
198	93.2	75.9	113.9
200	30.8	23.5	35.3

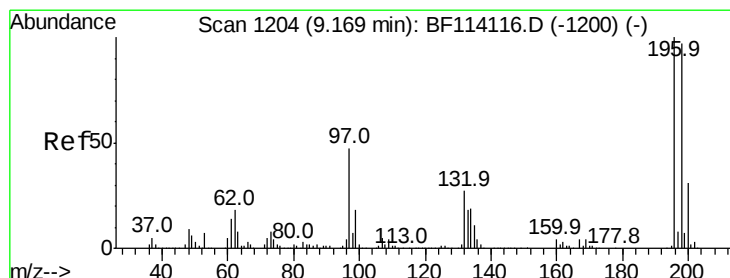
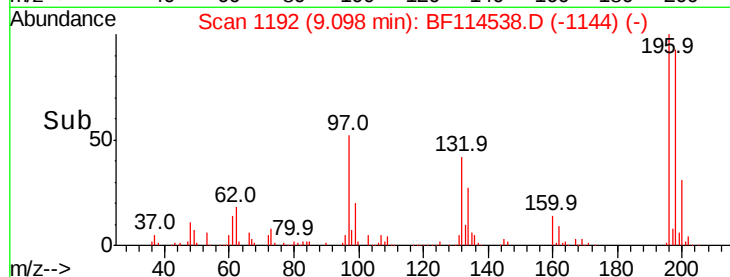
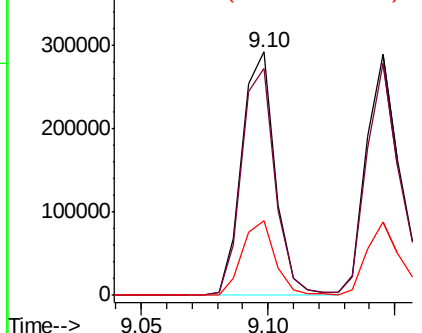


Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#44
 2,4,5-Trichlorophenol
 Concen: 40.102 ng
 RT: 9.15 min Scan# 1200
 Delta R.T. -0.02 min
 Lab File: BF114538.D
 Acq: 23 May 2019 22:01

Tgt Ion	Ratio	Lower	Upper
196	100		
198	96.3	77.7	116.5
97	49.1	38.2	57.2
132	28.8	21.4	32.2

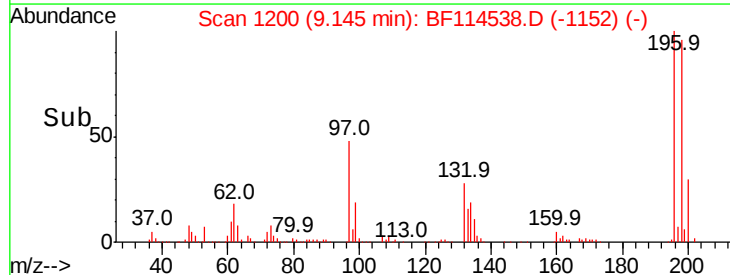
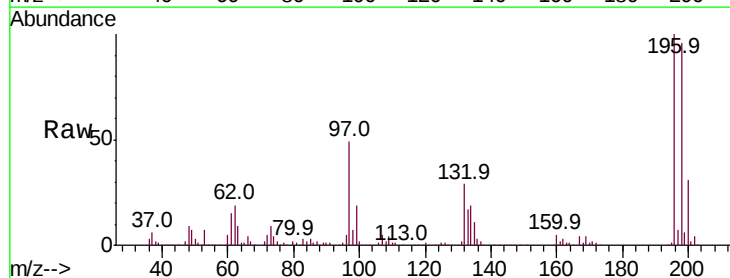
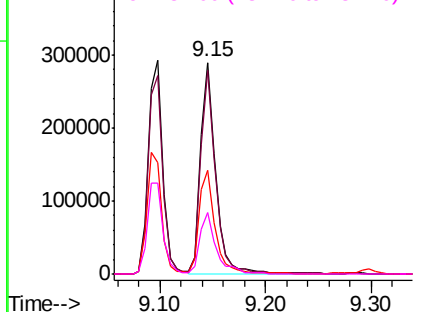
Abundance

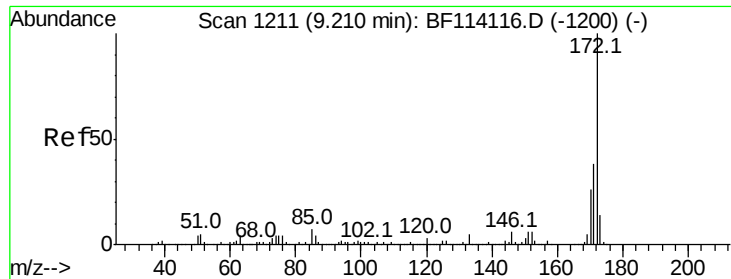
Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E

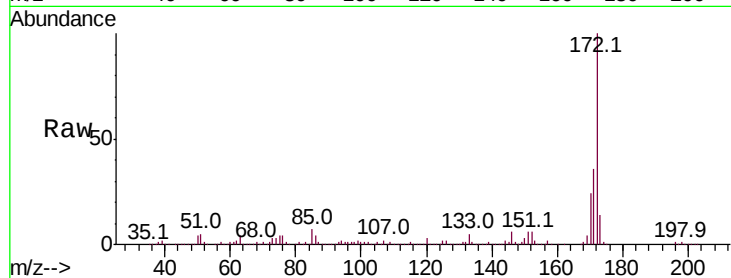




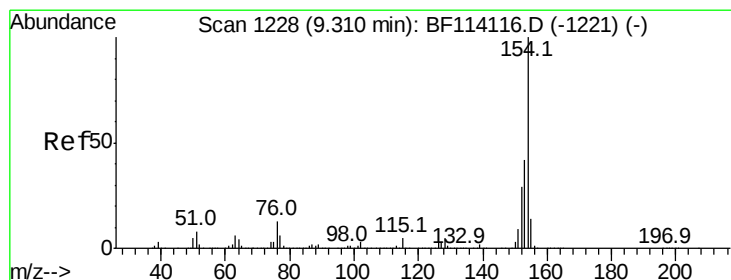
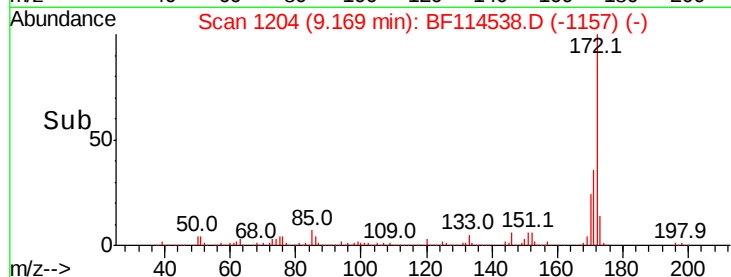
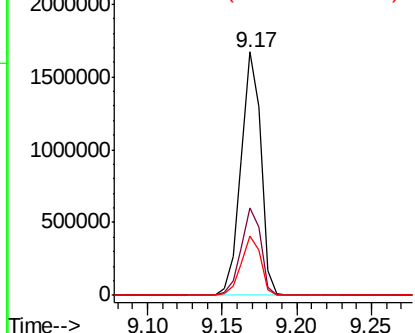
#45
2-Fluorobiphenyl
Concen: 71.022 ng
RT: 9.17 min Scan# 1204
Delta R.T. -0.02 min
Lab File: BF114538.D
Acq: 23 May 2019 22:01

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 1552321
Ion Ratio Lower Upper
172 100
171 35.9 30.7 46.1
170 24.1 20.5 30.7

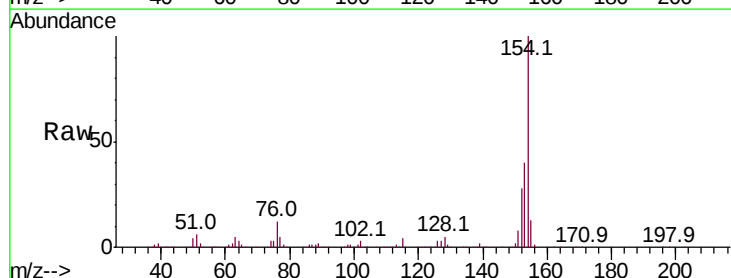


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

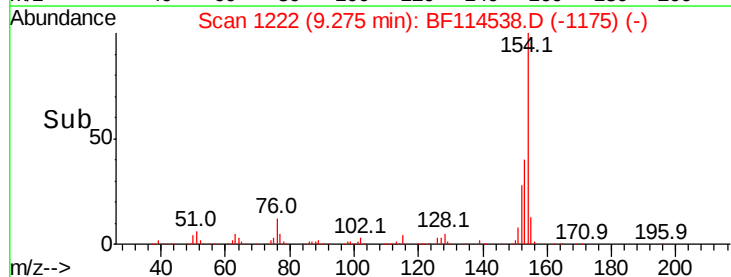
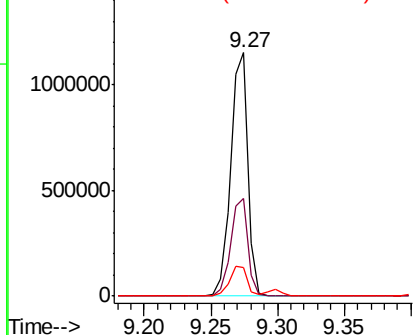


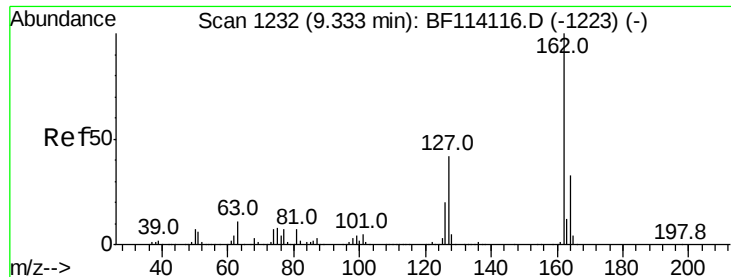
#46
1,1'-Biphenyl
Concen: 39.242 ng
RT: 9.27 min Scan# 1222
Delta R.T. -0.02 min
Lab File: BF114538.D
Acq: 23 May 2019 22:01

Tgt Ion:154 Resp: 1048126
Ion Ratio Lower Upper
154 100
153 40.4 21.9 61.9
76 11.6 0.0 32.8



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF1

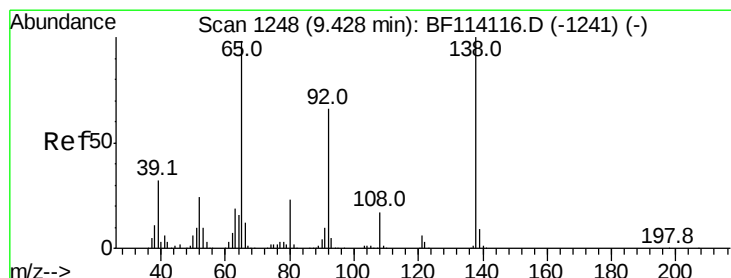
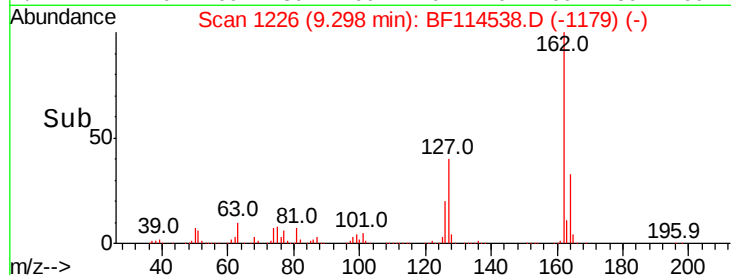
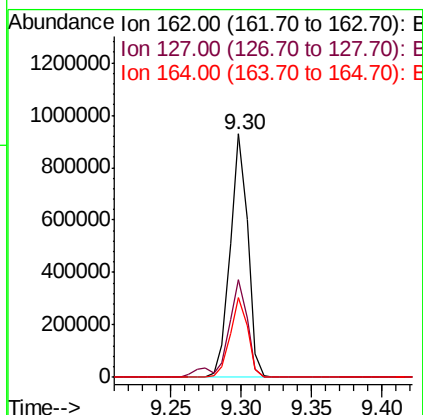
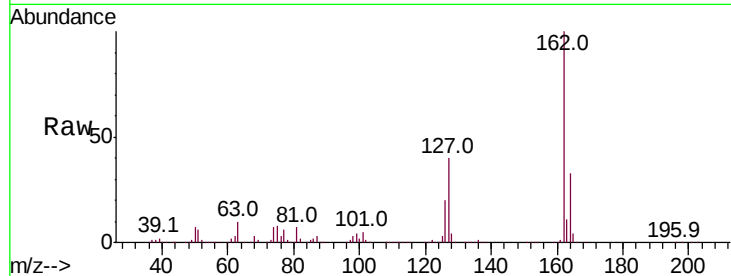




#47
 2-Chloronaphthalene
 Concen: 37.686 ng
 RT: 9.30 min Scan# 1226
 Delta R.T. -0.02 min
 Lab File: BF114538.D
 Acq: 23 May 2019 22:01

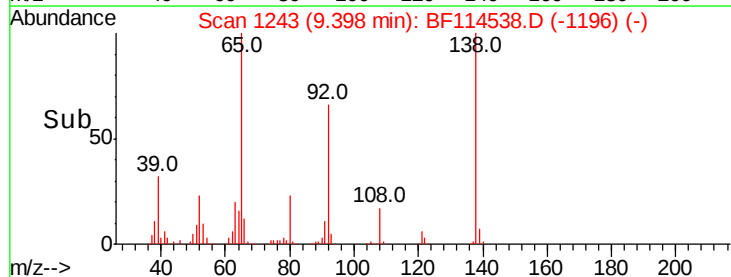
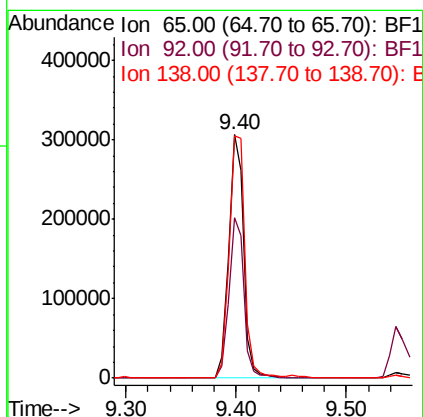
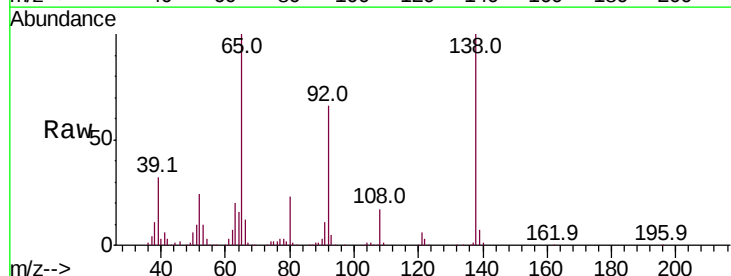
Instrument :
 BNA_F
 ClientSampleId :

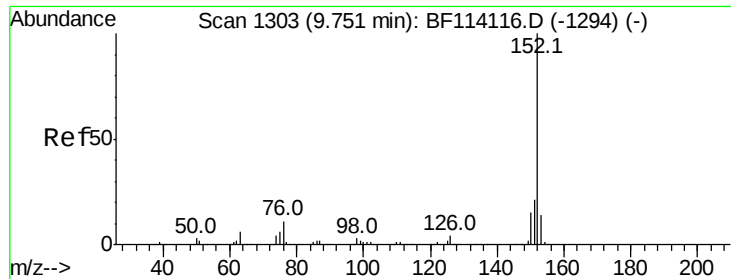
Tot Ion	Ratio	Lower	Upper
162	100		
127	40.3	34.0	51.0
164	32.6	26.7	40.1



#48
 2-Nitroaniline
 Concen: 38.080 ng
 RT: 9.40 min Scan# 1243
 Delta R.T. -0.02 min
 Lab File: BF114538.D
 Acq: 23 May 2019 22:01

Tgt Ion	Ratio	Lower	Upper
65	100		
92	65.8	53.9	80.9
138	99.7	81.4	122.0





#49

Acenaphthylene

Concen: 39.574 ng

RT: 9.72 min Scan# 1297

Delta R.T. -0.02 min

Lab File: BF114538.D

Acq: 23 May 2019 22:01

Instrument :

BNA_F

ClientSampleId :

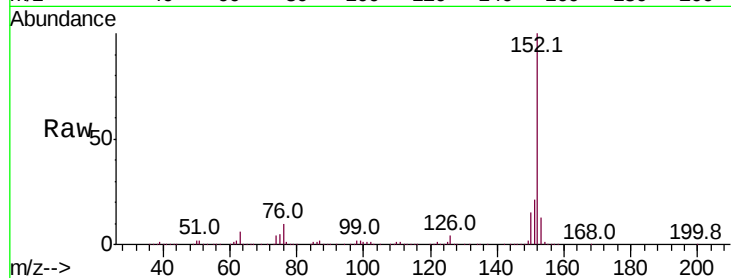
Tot Ion:152 Resp: 1293812

Ion Ratio Lower Upper

152 100

151 20.7 16.8 25.2

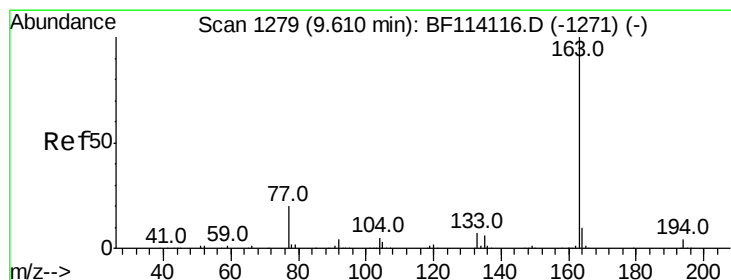
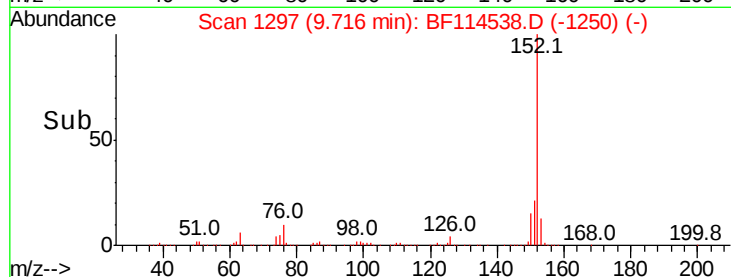
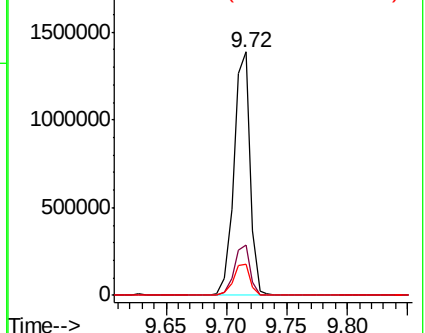
153 12.9 11.4 17.2



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: 44.963 ng

RT: 9.57 min Scan# 1273

Delta R.T. -0.02 min

Lab File: BF114538.D

Acq: 23 May 2019 22:01

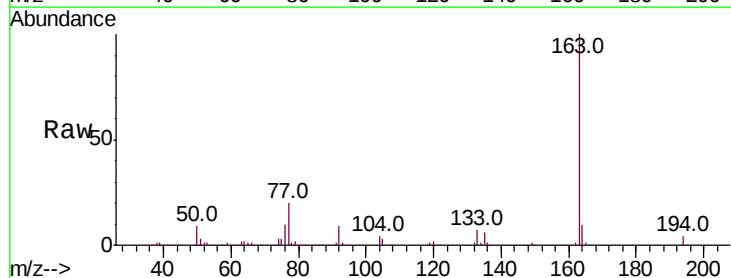
Tgt Ion:163 Resp: 1091287

Ion Ratio Lower Upper

163 100

194 3.8 3.4 5.0

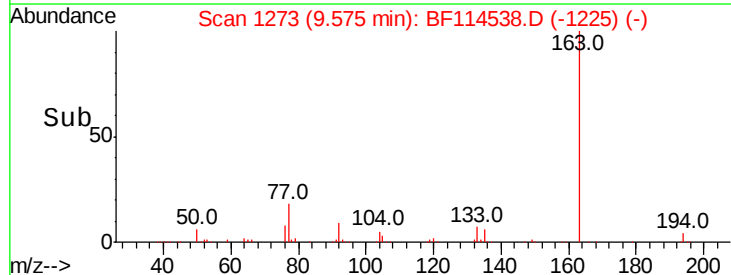
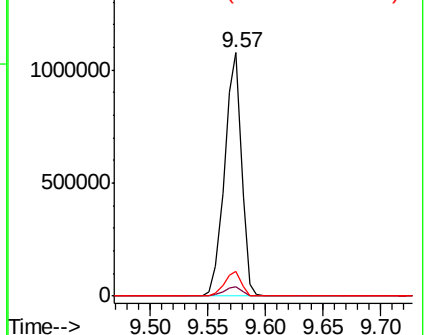
164 10.2 8.2 12.2

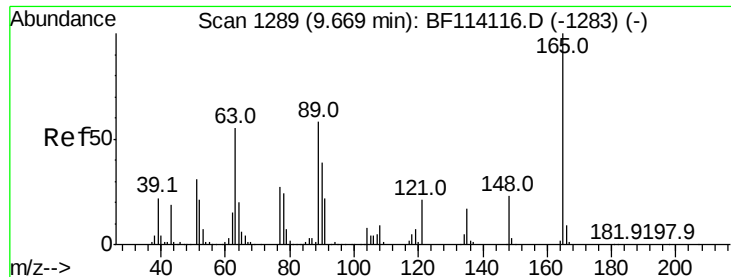


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

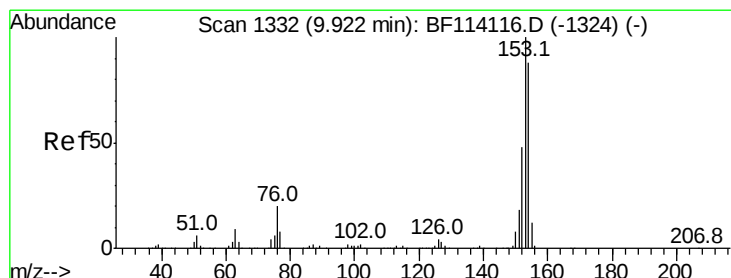
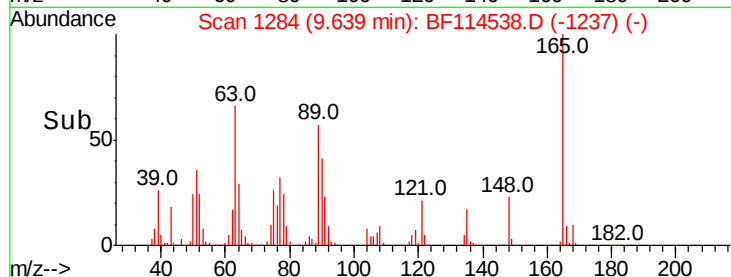
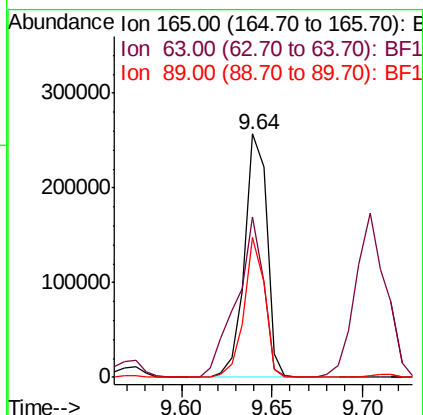
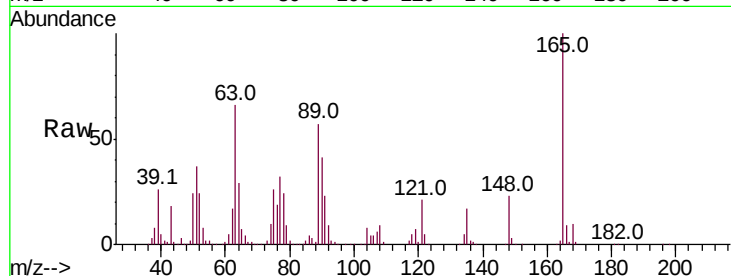




#51
 2,6-Dinitrotoluene
 Concen: 41.015 ng
 RT: 9.64 min Scan# 1284
 Delta R.T. -0.02 min
 Lab File: BF114538.D
 Acq: 23 May 2019 22:01

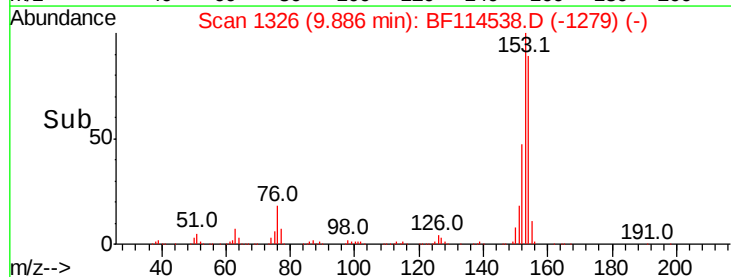
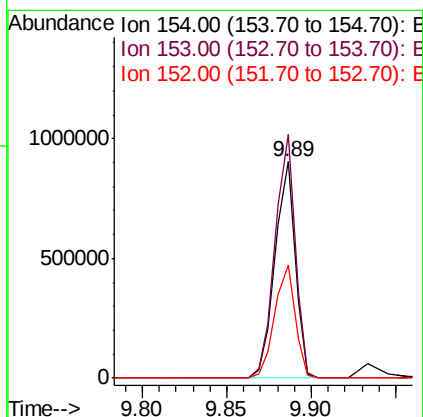
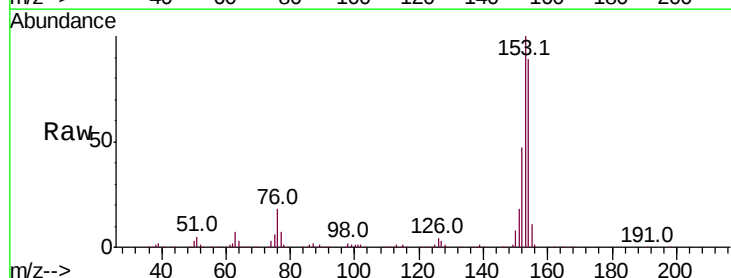
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:165 Resp: 220794
 Ion Ratio Lower Upper
 165 100
 63 66.1 50.2 75.4
 89 57.4 46.6 69.8



#52
 Acenaphthene
 Concen: 37.536 ng
 RT: 9.89 min Scan# 1326
 Delta R.T. -0.02 min
 Lab File: BF114538.D
 Acq: 23 May 2019 22:01

Tgt Ion:154 Resp: 753044
 Ion Ratio Lower Upper
 154 100
 153 112.5 90.5 135.7
 152 52.4 43.4 65.2

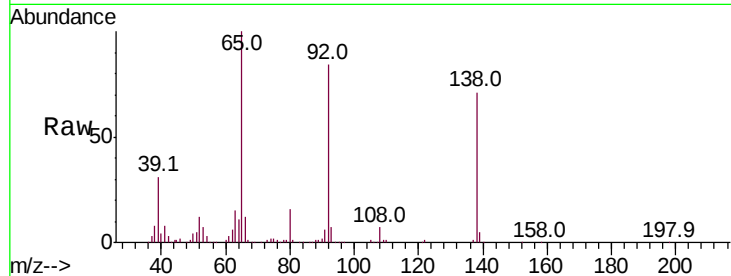




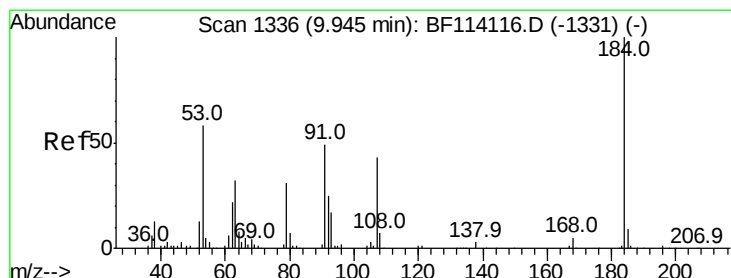
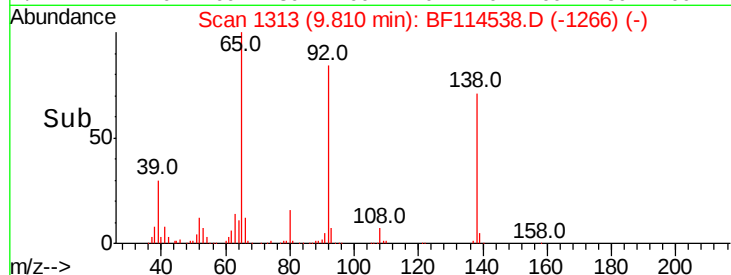
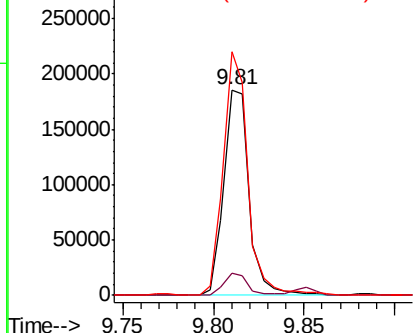
#53
3-Nitroaniline
Concen: 27.238 ng
RT: 9.81 min Scan# 1313
Delta R.T. -0.02 min
Lab File: BF114538.D
Acq: 23 May 2019 22:01

Instrument :
BNA_F
ClientSampled :

Tot Ion:138 Resp: 182017
Ion Ratio Lower Upper
138 100
108 10.5 7.8 11.6
92 118.5 91.2 136.8

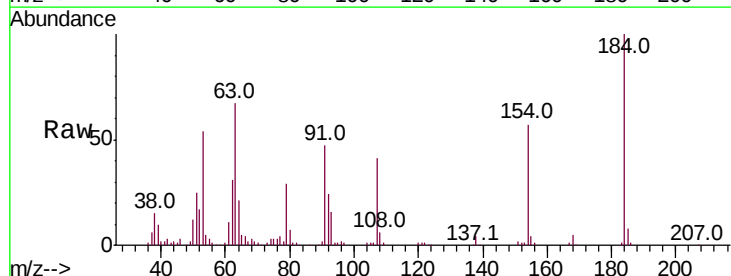


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

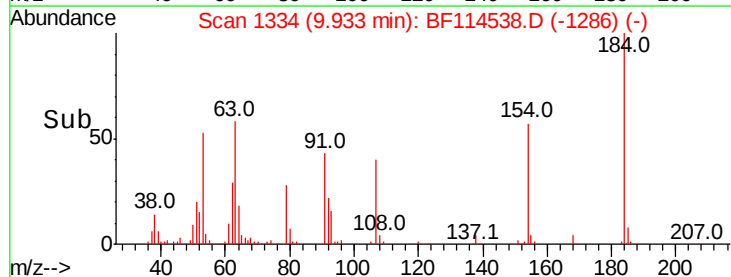
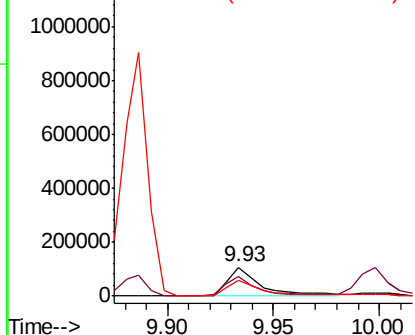


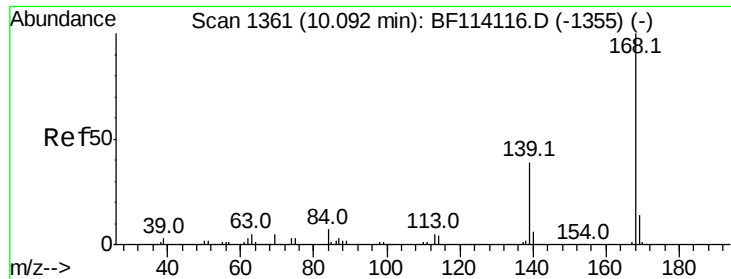
#54
2,4-Dinitrophenol
Concen: 45.788 ng
RT: 9.93 min Scan# 1334
Delta R.T. -0.02 min
Lab File: BF114538.D
Acq: 23 May 2019 22:01

Tgt Ion:184 Resp: 115416
Ion Ratio Lower Upper
184 100
63 66.7 55.6 83.4
154 56.7 46.0 69.0



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

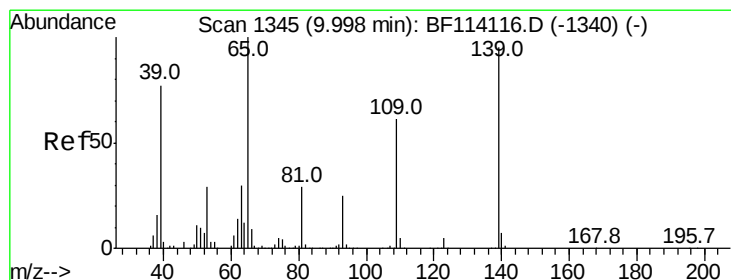
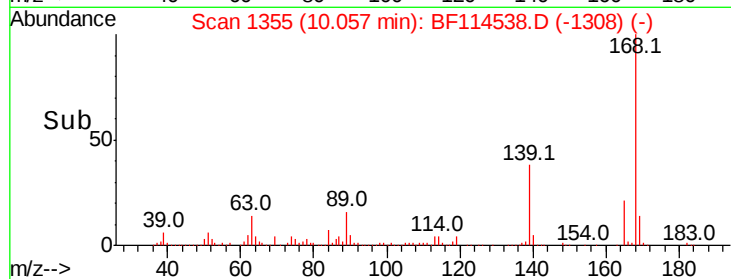
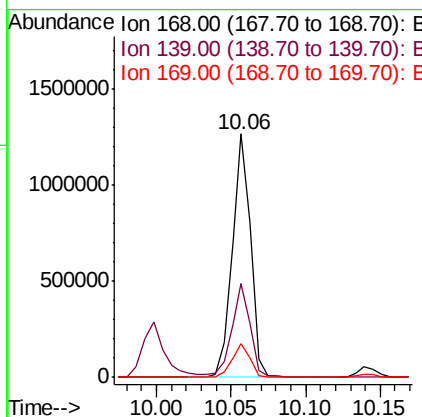
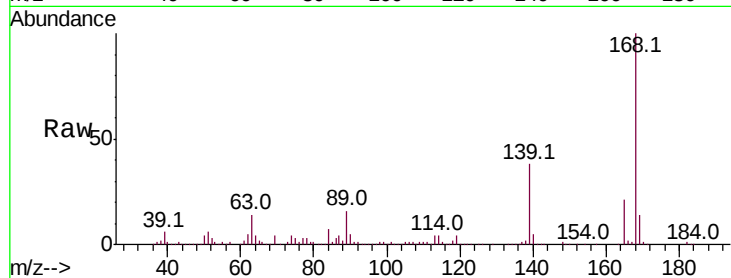




#55
Dibenzofuran
Concen: 37.216 ng
RT: 10.06 min Scan# 1355
Delta R.T. -0.02 min
Lab File: BF114538.D
Acq: 23 May 2019 22:01

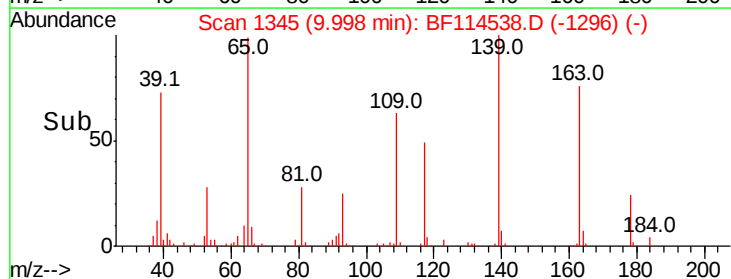
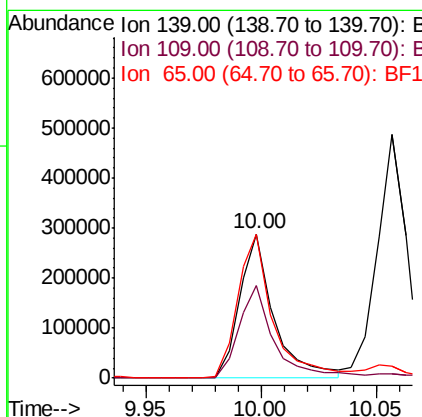
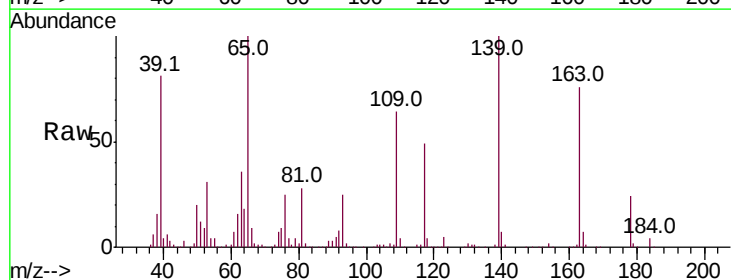
Instrument :
BNA_F
ClientSampleId :

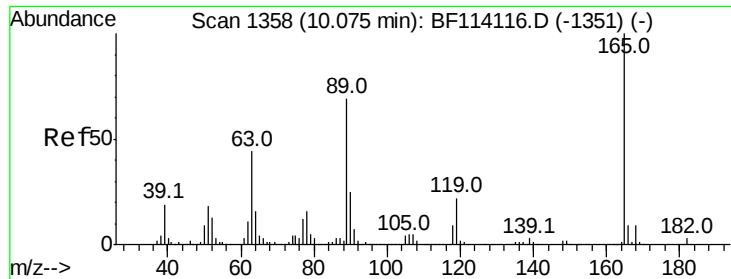
Tot Ion:168 Resp: 1094821
Ion Ratio Lower Upper
168 100
139 38.4 31.1 46.7
169 13.7 11.4 17.0



#56
4-Nitrophenol
Concen: 63.353 ng
RT: 10.00 min Scan# 1345
Delta R.T. -0.01 min
Lab File: BF114538.D
Acq: 23 May 2019 22:01

Tgt Ion:139 Resp: 299388
Ion Ratio Lower Upper
139 100
109 64.0 43.9 83.9
65 100.1 85.7 125.7

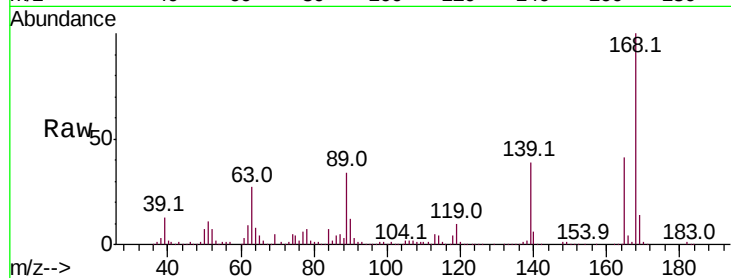




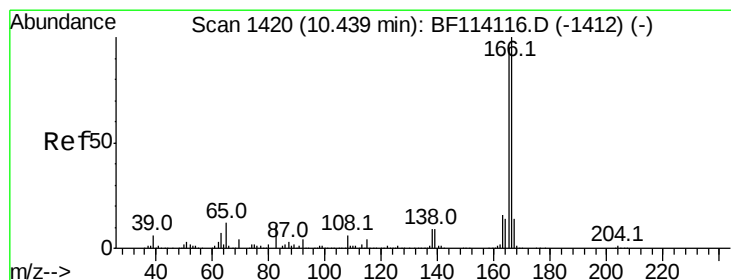
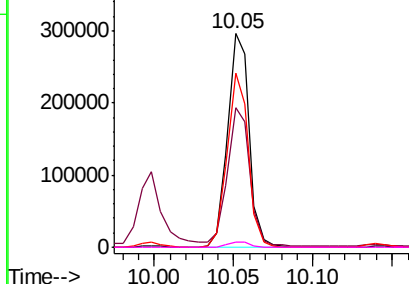
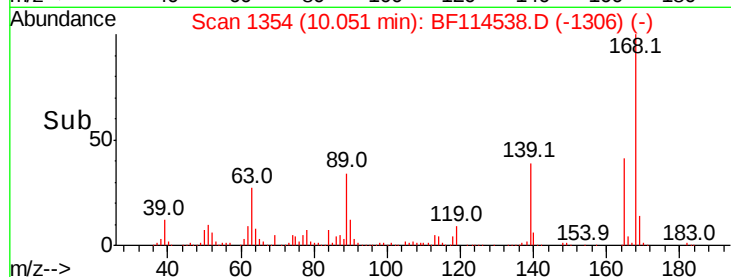
#57
2,4-Dinitrotoluene
Concen: 38.035 ng
RT: 10.05 min Scan# 1354
Delta R.T. -0.02 min
Lab File: BF114538.D
Acq: 23 May 2019 22:01

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	65.4	35.5	53.3
89	81.5	55.2	82.8
182	2.6	2.2	3.2

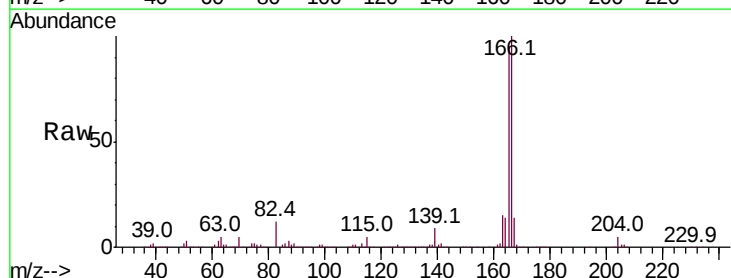


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

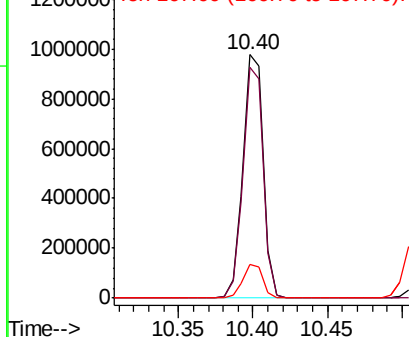
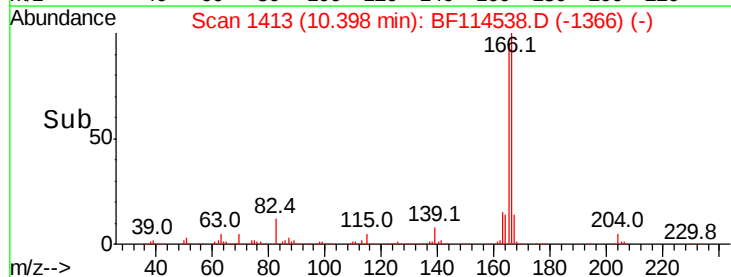


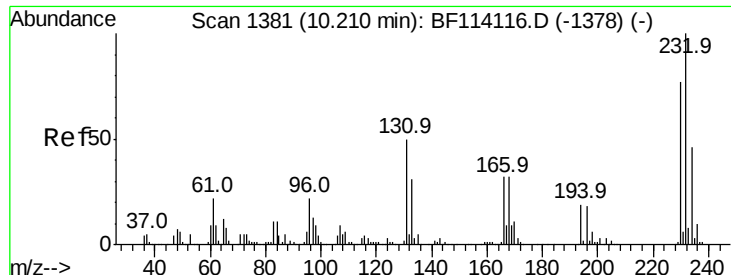
#58
Fluorene
Concen: 40.405 ng
RT: 10.40 min Scan# 1413
Delta R.T. -0.02 min
Lab File: BF114538.D
Acq: 23 May 2019 22:01

Tgt Ion	Ratio	Lower	Upper
166	100		
165	94.7	76.1	114.1
167	13.9	11.1	16.7



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

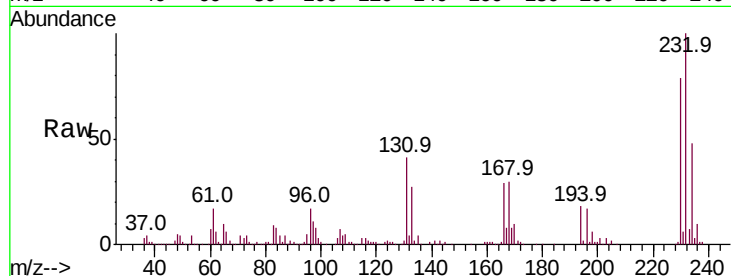




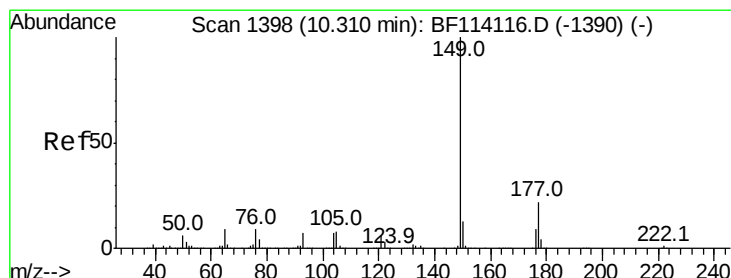
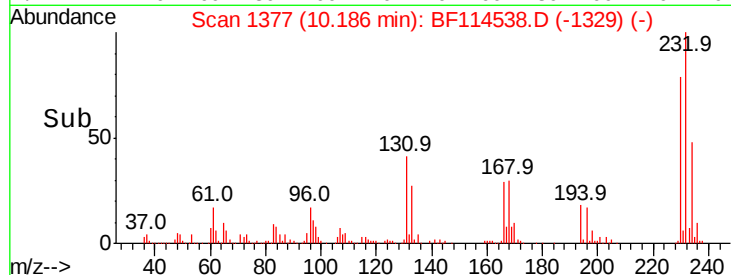
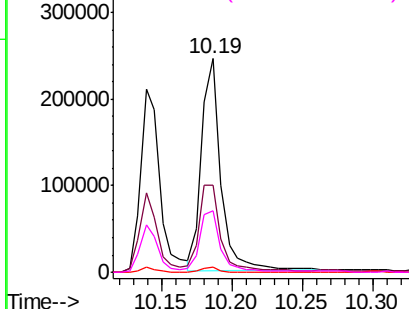
#59
2,3,4,6-Tetrachlorophenol
Concen: 39.078 ng
RT: 10.19 min Scan# 1377
Delta R.T. -0.02 min
Lab File: BF114538.D
Acq: 23 May 2019 22:01

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
232	100		
131	45.0	35.6	53.4
130	2.3	1.6	2.4
166	30.8	24.1	36.1

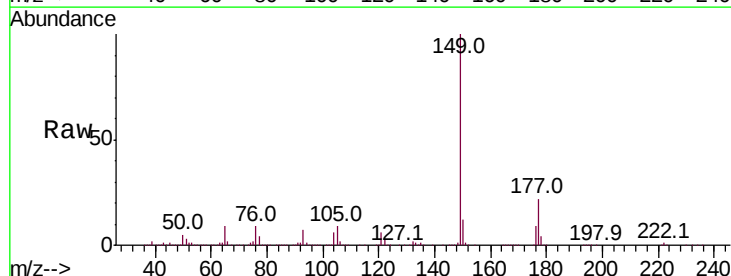


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

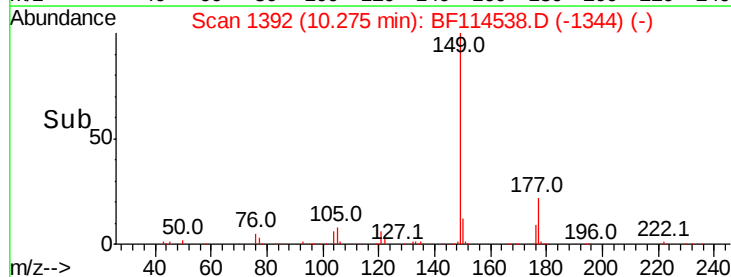
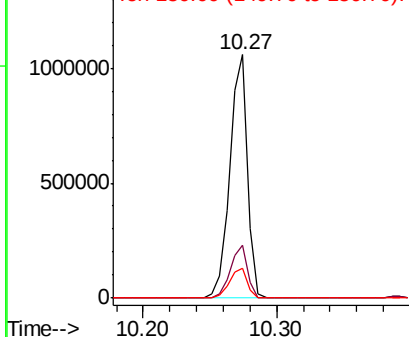


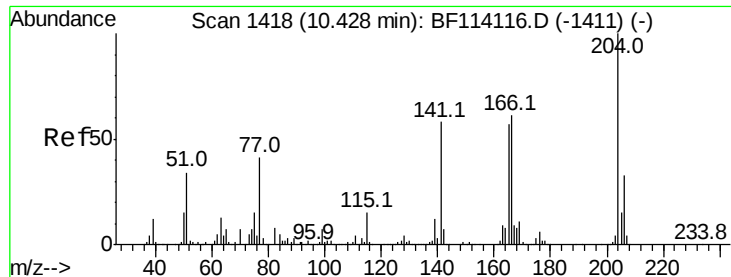
#60
Diethylphthalate
Concen: 39.850 ng
RT: 10.27 min Scan# 1392
Delta R.T. -0.02 min
Lab File: BF114538.D
Acq: 23 May 2019 22:01

Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.0	17.8	26.6
150	12.4	10.2	15.2



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

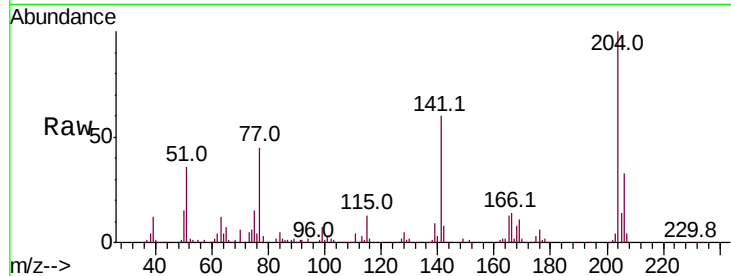




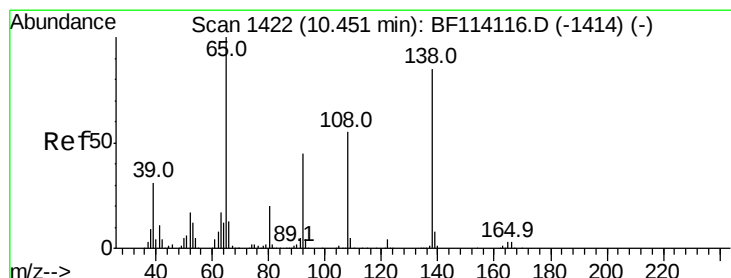
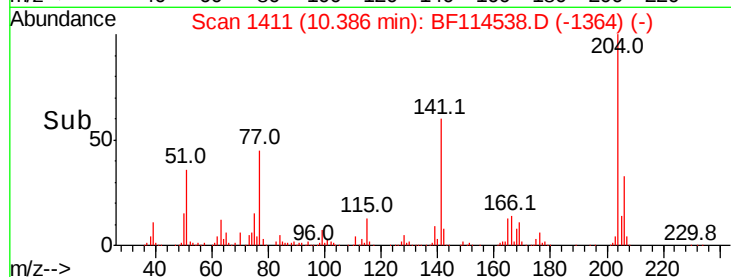
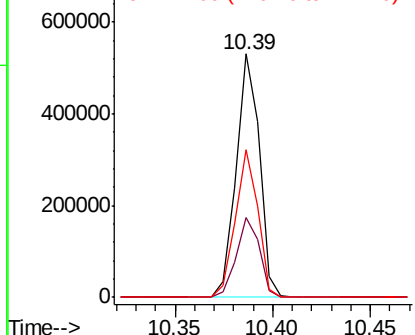
#61
4-Chlorophenyl-phenylether
Concen: 39.128 ng
RT: 10.39 min Scan# 1411
Delta R.T. -0.02 min
Lab File: BF114538.D
Acq: 23 May 2019 22:01

Instrument :
BNA_F
ClientSampleId :

Tot Ion:204 Resp: 436684
Ion Ratio Lower Upper
204 100
206 33.0 26.6 39.8
141 60.5 46.4 69.6

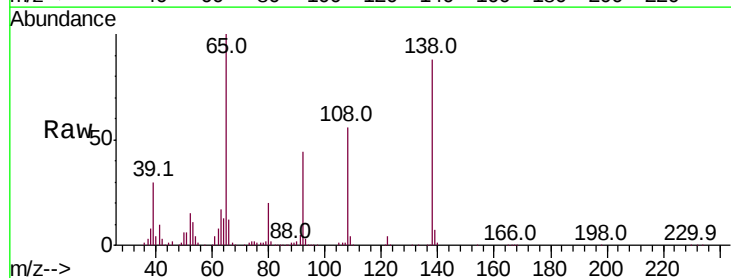


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

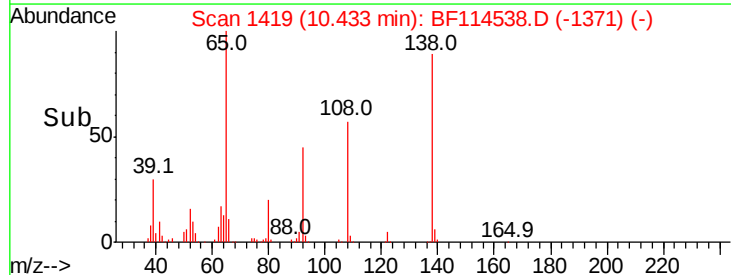
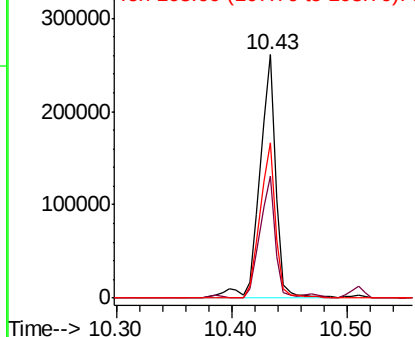


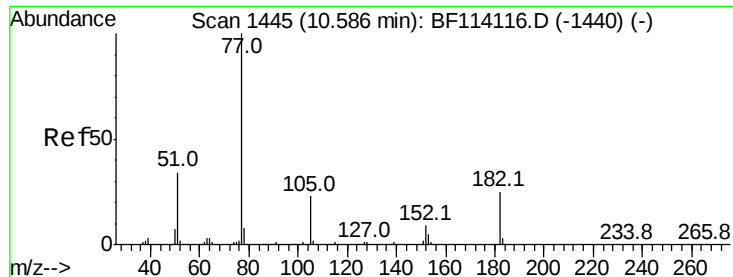
#62
4-Nitroaniline
Concen: 36.718 ng
RT: 10.43 min Scan# 1419
Delta R.T. -0.02 min
Lab File: BF114538.D
Acq: 23 May 2019 22:01

Tgt Ion:138 Resp: 257833
Ion Ratio Lower Upper
138 100
92 50.0 33.0 73.0
108 63.9 44.9 84.9



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





#63

Azobenzene

Concen: 38.394 ng

RT: 10.55 min Scan# 1439

Delta R.T. -0.02 min

Lab File: BF114538.D

Acq: 23 May 2019 22:01

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 77 Resp: 916469

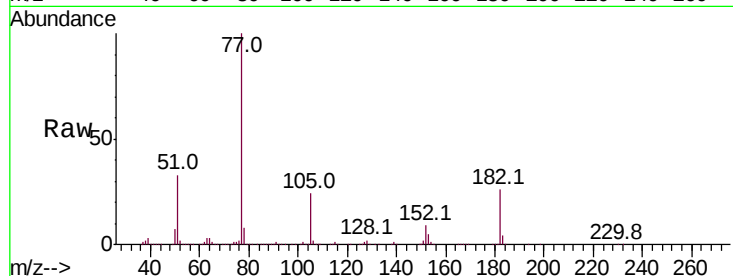
Ion Ratio Lower Upper

77 100

182 26.4 4.7 44.7

105 23.7 2.9 42.9

51 33.1 14.6 54.6

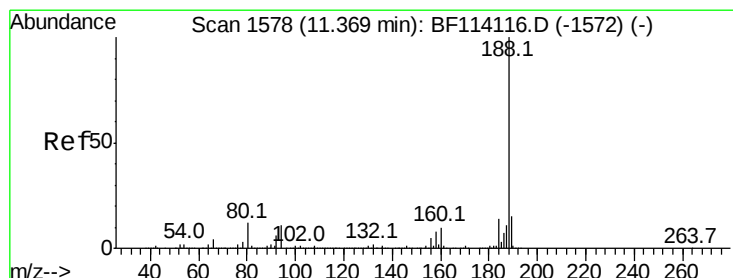
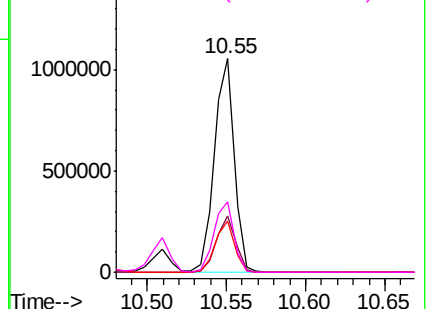
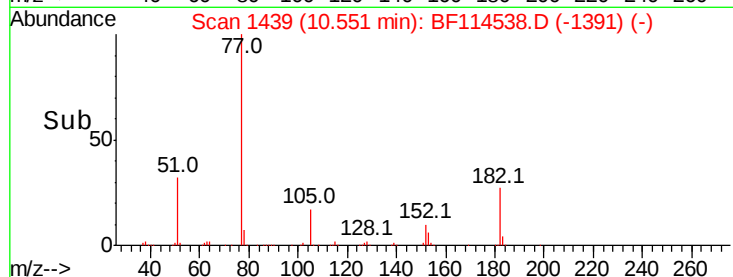


Abundance Ion 77.00 (76.70 to 77.70): BF1

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: 11.34 min Scan# 1573

Delta R.T. -0.02 min

Lab File: BF114538.D

Acq: 23 May 2019 22:01

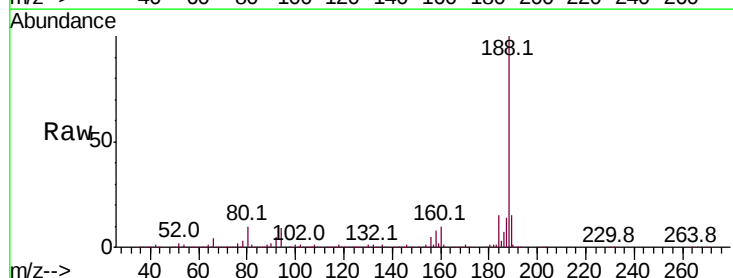
Tgt Ion: 188 Resp: 699365

Ion Ratio Lower Upper

188 100

94 9.3 8.4 12.6

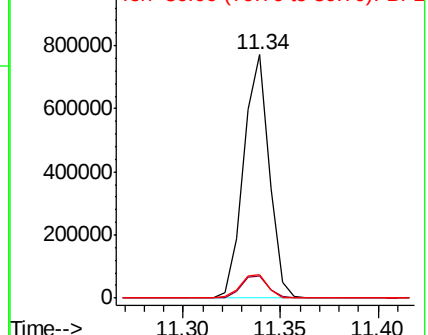
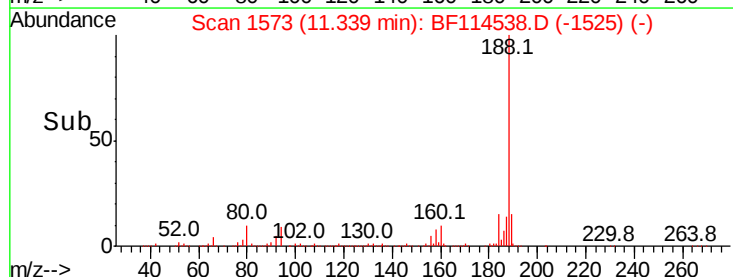
80 9.8 9.2 13.8

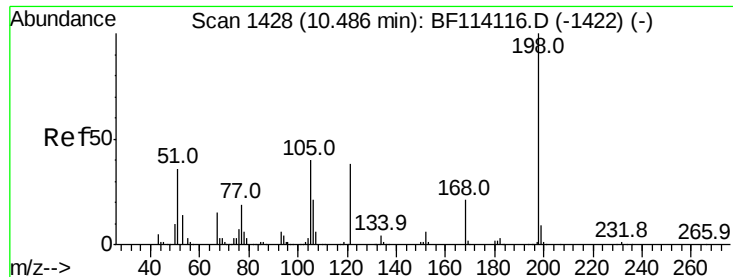


Abundance Ion 188.00 (187.70 to 188.70): BF1

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: 37.065 ng

RT: 10.47 min Scan# 1425

Delta R.T. -0.02 min

Lab File: BF114538.D

Acq: 23 May 2019 22:01

Instrument :

BNA_F

ClientSampled :

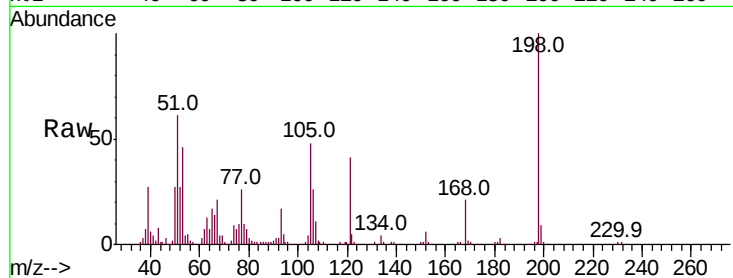
Tot Ion:198 Resp: 124559

Ion Ratio Lower Upper

198 100

51 61.1 28.0 68.0

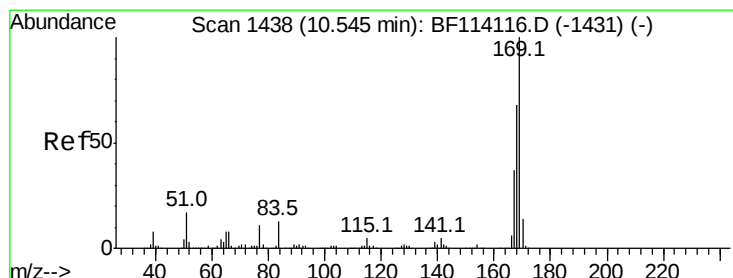
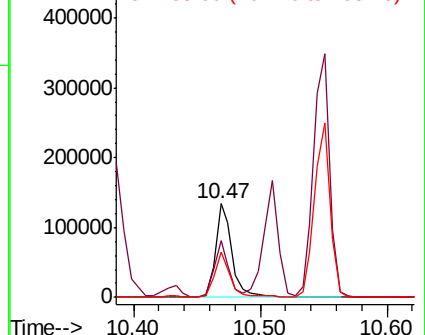
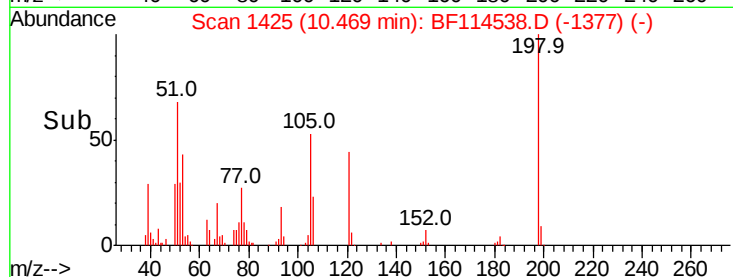
105 47.9 21.1 61.1



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: 39.718 ng

RT: 10.51 min Scan# 1432

Delta R.T. -0.02 min

Lab File: BF114538.D

Acq: 23 May 2019 22:01

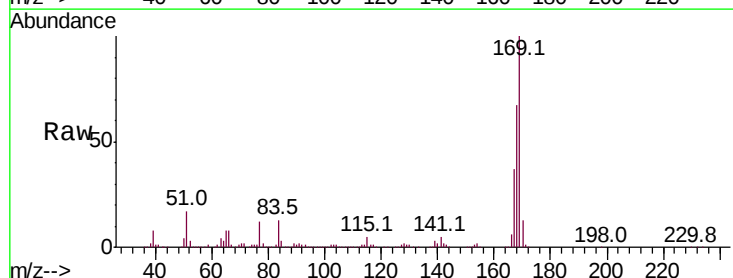
Tgt Ion:169 Resp: 843060

Ion Ratio Lower Upper

169 100

168 66.7 54.2 81.2

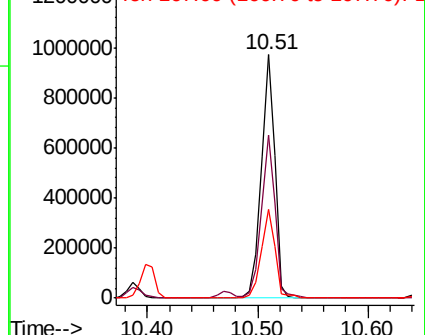
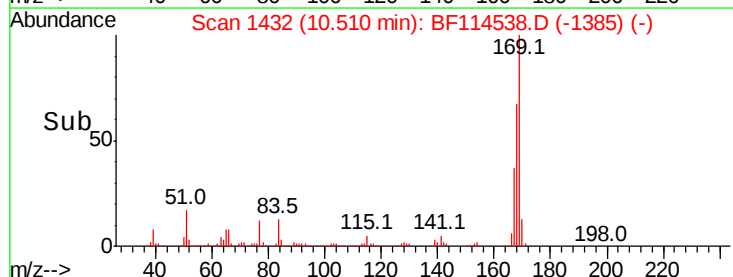
167 36.7 29.8 44.8

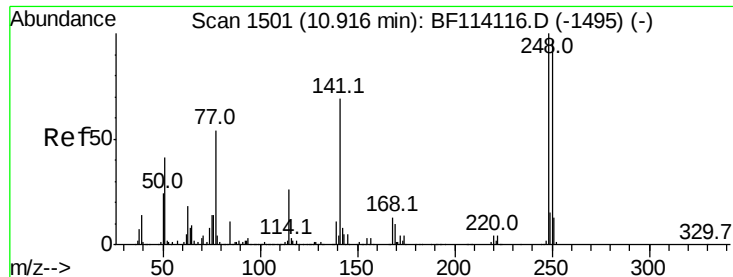


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

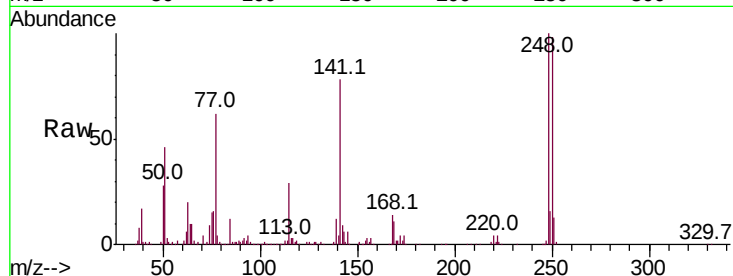




#67
4-Bromophenyl-phenylether
Concen: 36.544 ng
RT: 10.87 min Scan# 1494
Delta R.T. -0.02 min
Lab File: BF114538.D
Acq: 23 May 2019 22:01

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
248	100		
250	97.6	77.4	116.2
141	77.9	55.6	83.4

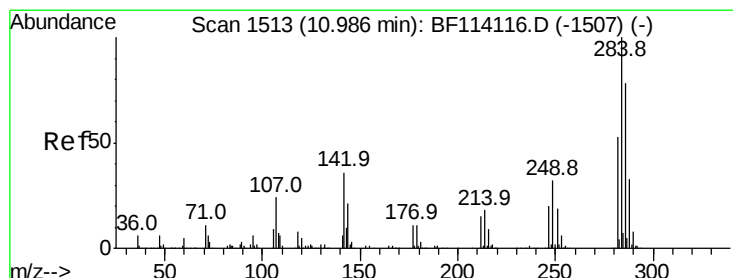
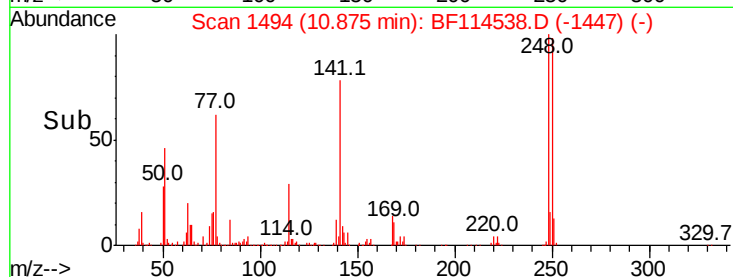
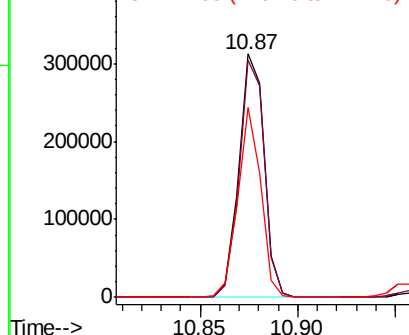


Abundance

Ion 248.00 (247.70 to 248.70): E

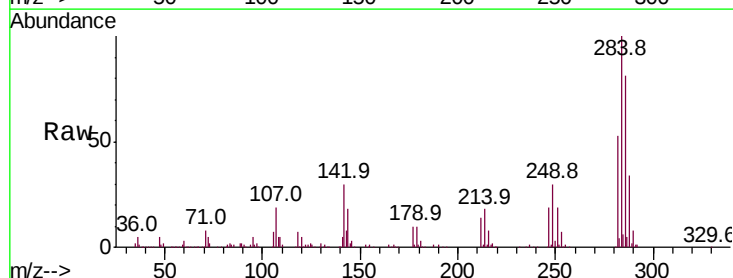
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 35.604 ng
RT: 10.96 min Scan# 1508
Delta R.T. -0.02 min
Lab File: BF114538.D
Acq: 23 May 2019 22:01

Tgt Ion	Ratio	Lower	Upper
284	100		
142	29.8	28.4	42.6
249	30.0	25.2	37.8

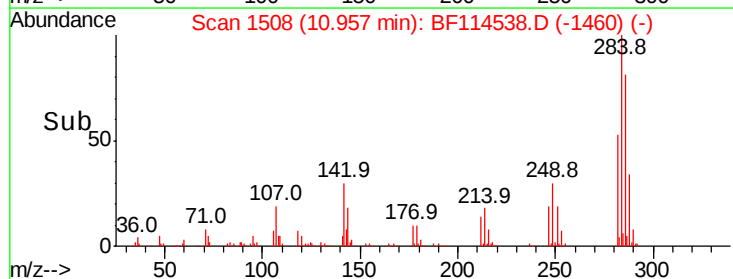
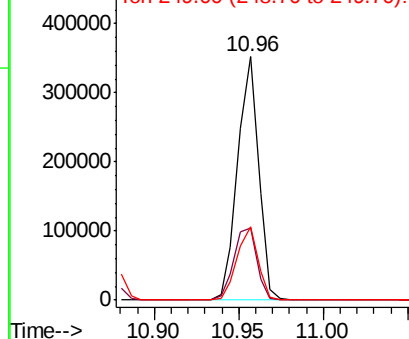


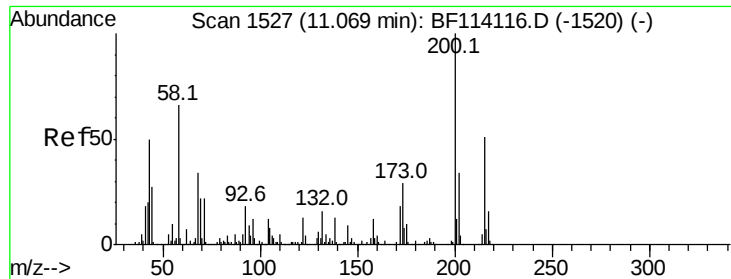
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E

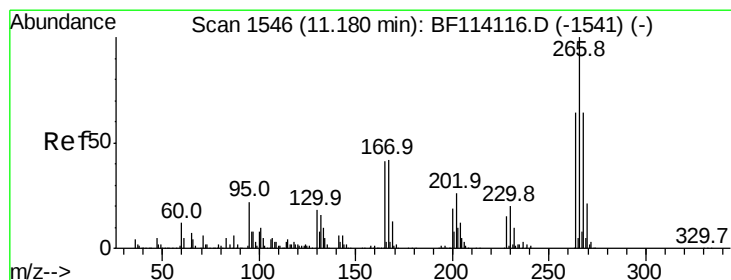
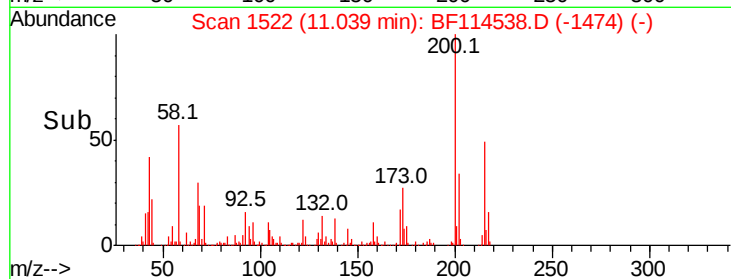
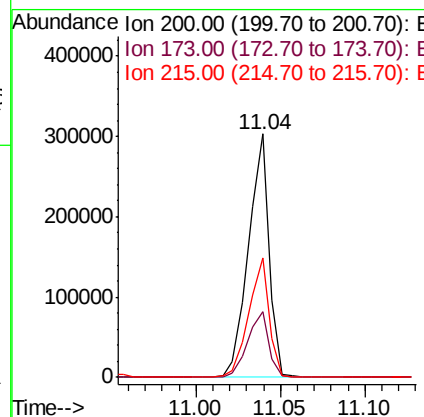
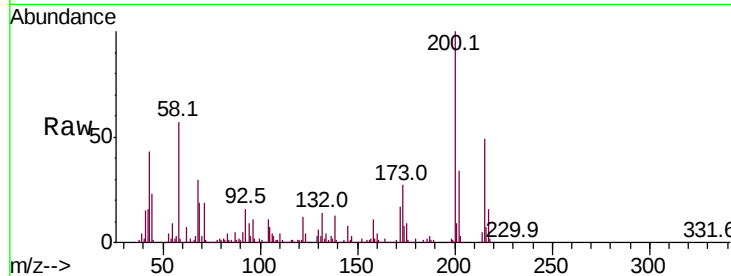




#69
 Atrazine
 Concen: 39.351 ng
 RT: 11.04 min Scan# 1522
 Delta R.T. -0.02 min
 Lab File: BF114538.D
 Acq: 23 May 2019 22:01

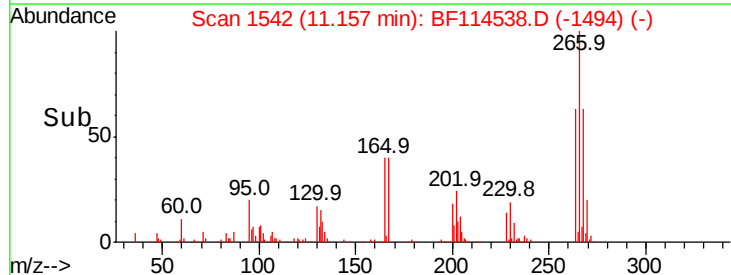
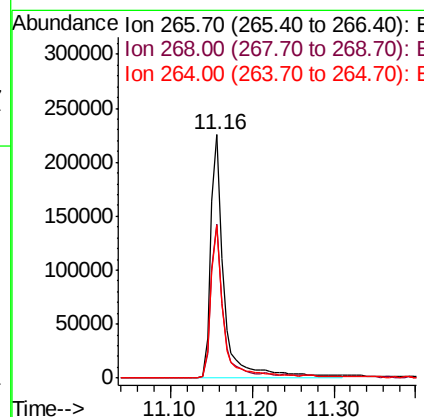
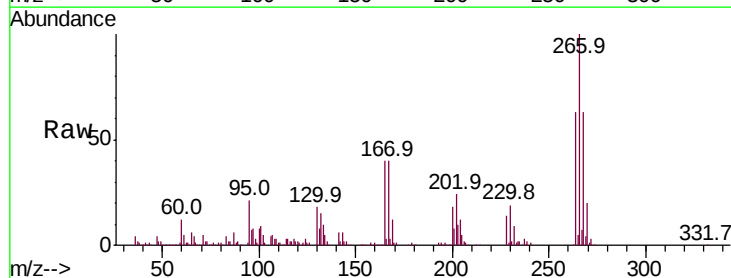
Instrument :
 BNA_F
 ClientSampleId :

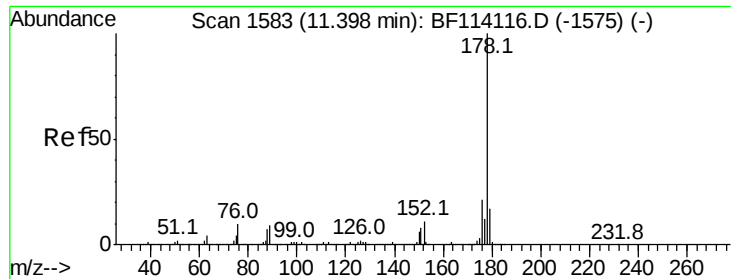
Tot Ion:	200	Resp:	259930
Ion	Ratio	Lower	Upper
200	100		
173	27.1	8.9	48.9
215	49.3	30.7	70.7



#70
 Pentachlorophenol
 Concen: 64.563 ng
 RT: 11.16 min Scan# 1542
 Delta R.T. -0.02 min
 Lab File: BF114538.D
 Acq: 23 May 2019 22:01

Tgt Ion:	266	Resp:	260717
Ion	Ratio	Lower	Upper
266	100		
268	63.1	51.1	76.7
264	62.5	51.1	76.7

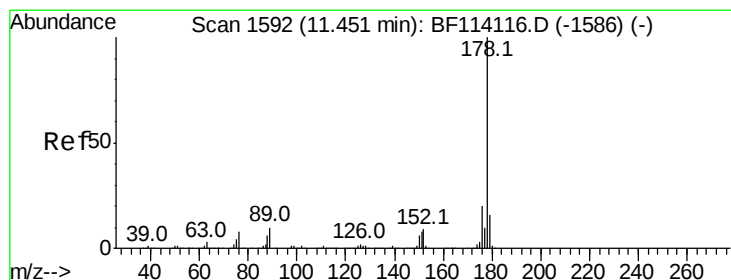
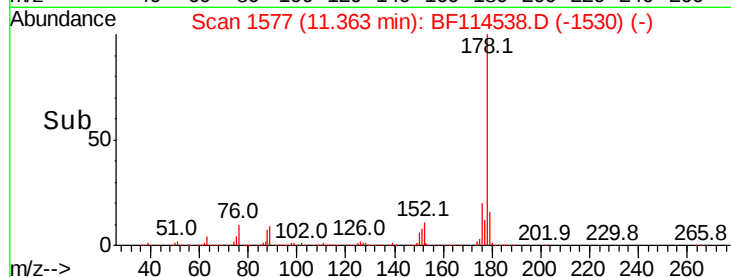
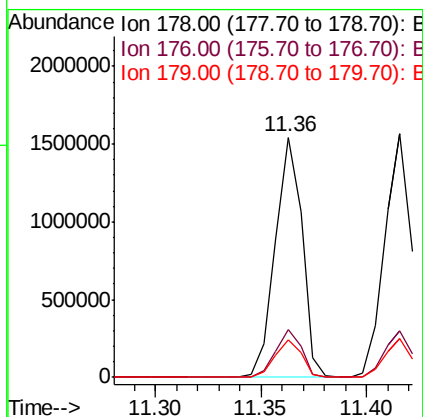
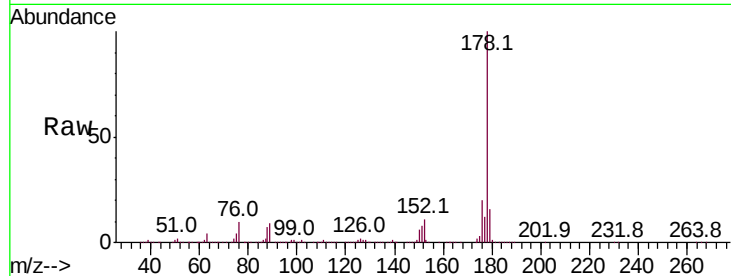




#71
Phenanthrene
Concen: 40.129 ng
RT: 11.36 min Scan# 1577
Delta R.T. -0.02 min
Lab File: BF114538.D
Acq: 23 May 2019 22:01

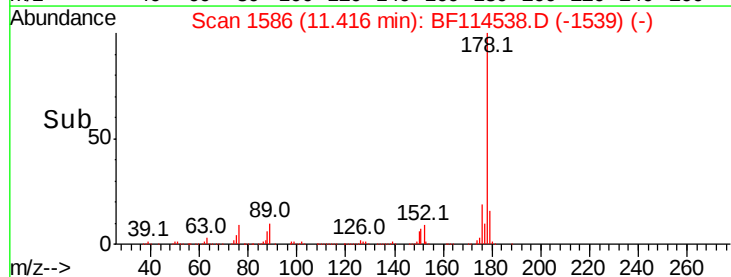
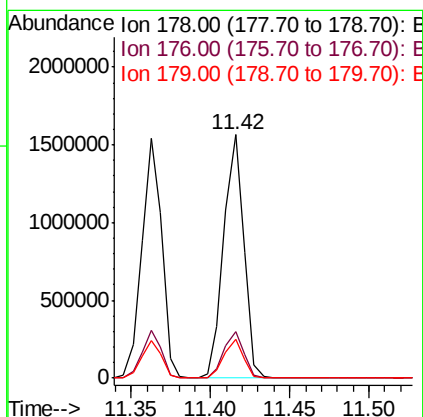
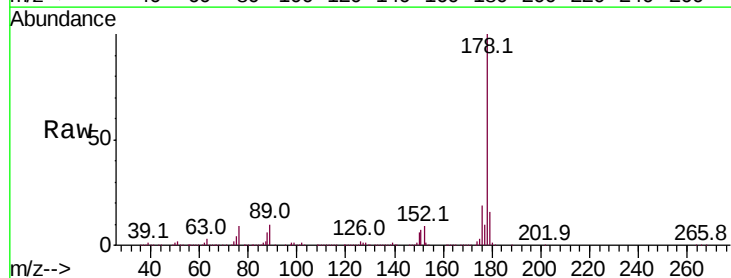
Instrument :
BNA_F
ClientSampleId :

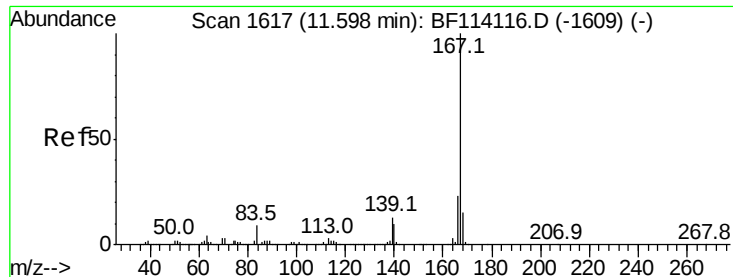
Tot Ion:178 Resp: 1365382
Ion Ratio Lower Upper
178 100
176 20.0 16.4 24.6
179 15.7 13.2 19.8



#72
Anthracene
Concen: 40.590 ng
RT: 11.42 min Scan# 1586
Delta R.T. -0.02 min
Lab File: BF114538.D
Acq: 23 May 2019 22:01

Tgt Ion:178 Resp: 1387172
Ion Ratio Lower Upper
178 100
176 19.1 15.8 23.8
179 15.9 13.0 19.4





#73

Carbazole

Concen: 41.844 ng

RT: 11.57 min Scan# 1612

Delta R.T. -0.02 min

Lab File: BF114538.D

Acq: 23 May 2019 22:01

Instrument :

BNA_F

ClientSampleId :

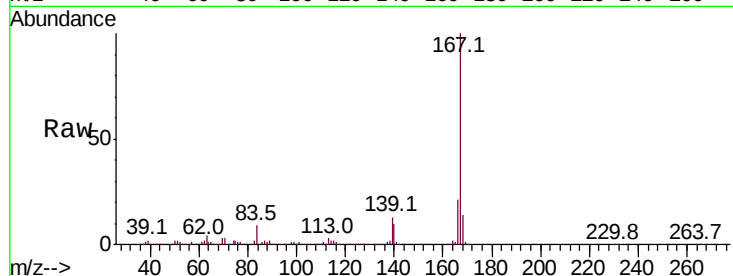
Tot Ion:167 Resp: 1363645

Ion Ratio Lower Upper

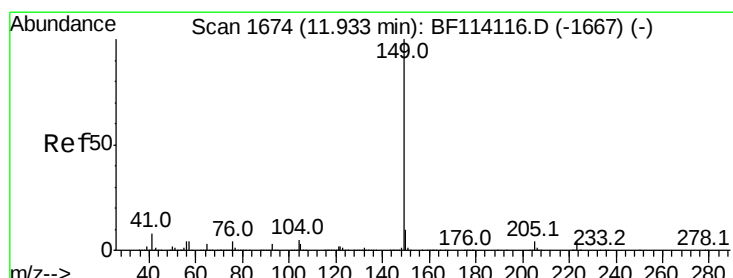
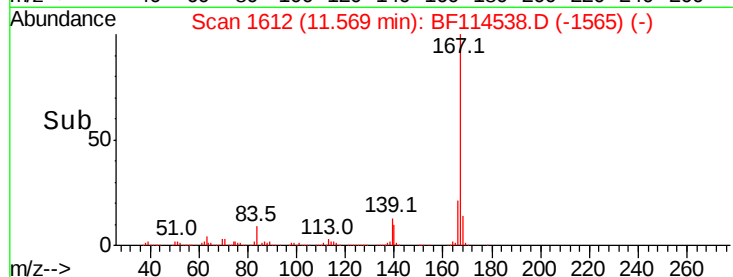
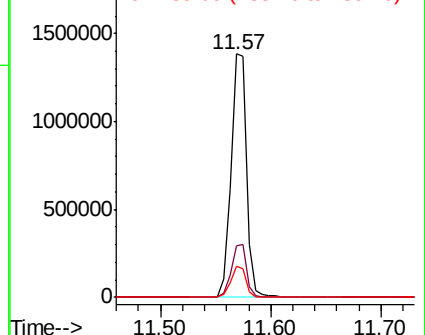
167 100

166 21.4 18.2 27.2

139 12.9 10.6 16.0



Abundance Ion 167.00 (166.70 to 167.70): E
Ion 166.00 (165.70 to 166.70): E
Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 42.282 ng

RT: 11.89 min Scan# 1667

Delta R.T. -0.02 min

Lab File: BF114538.D

Acq: 23 May 2019 22:01

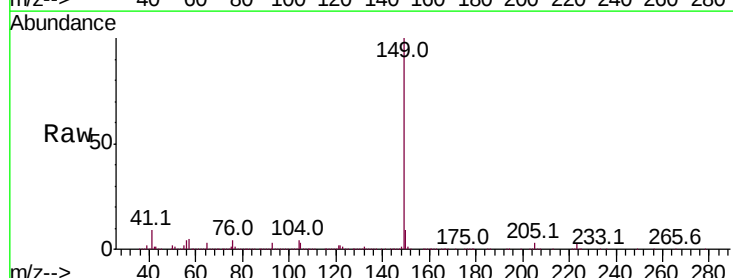
Tgt Ion:149 Resp: 1587510

Ion Ratio Lower Upper

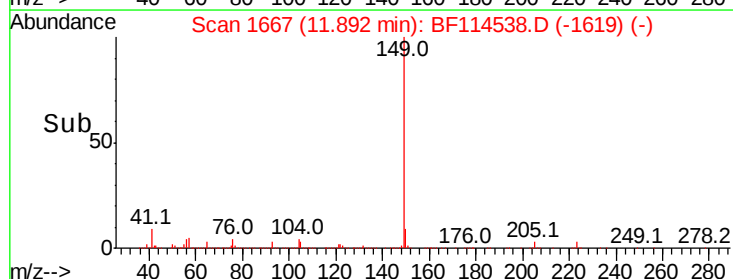
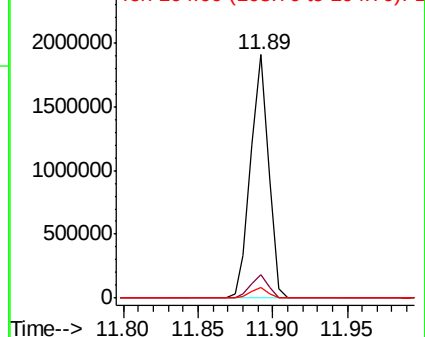
149 100

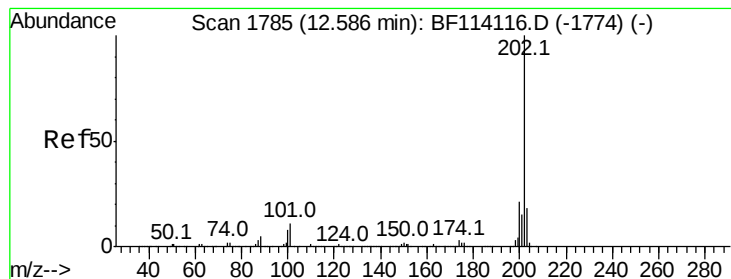
150 9.4 7.7 11.5

104 4.5 3.6 5.4



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 42.012 ng

RT: 12.55 min Scan# 1779

Delta R.T. -0.02 min

Lab File: BF114538.D

Acq: 23 May 2019 22:01

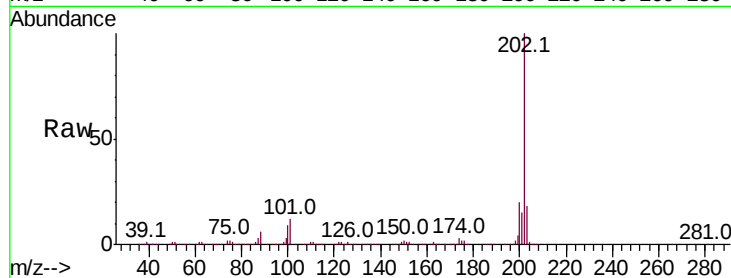
Instrument :

BNA_F

ClientSampleId :

Tot Ion:202 Resp: 1539337

Ion	Ratio	Lower	Upper
202	100		
101	12.4	0.0	31.0
203	17.8	0.0	38.4

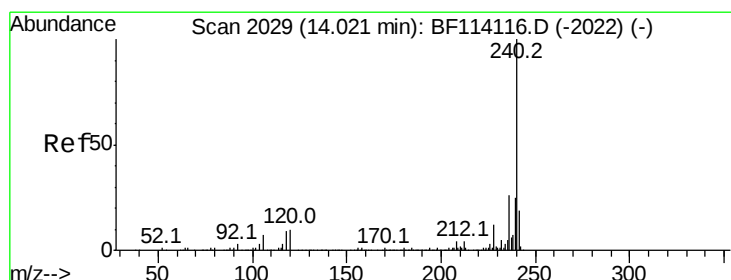
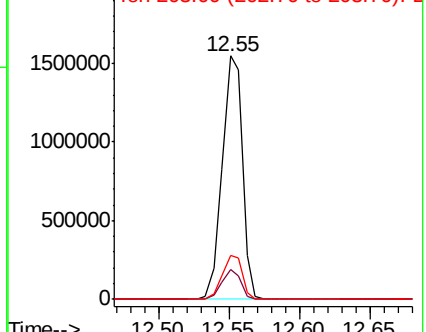
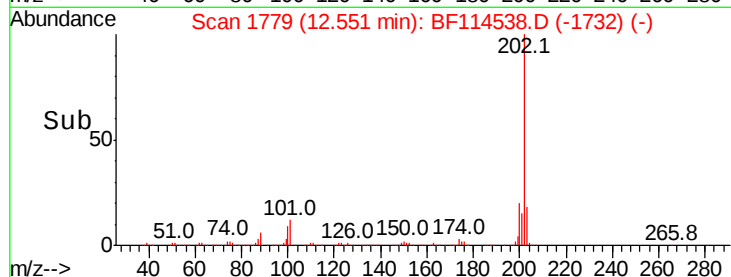


Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.99 min Scan# 2023

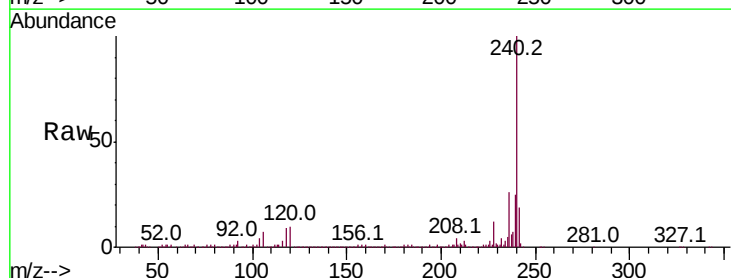
Delta R.T. -0.02 min

Lab File: BF114538.D

Acq: 23 May 2019 22:01

Tgt Ion:240 Resp: 525510

Ion	Ratio	Lower	Upper
240	100		
120	10.3	8.3	12.5
236	26.1	20.8	31.2

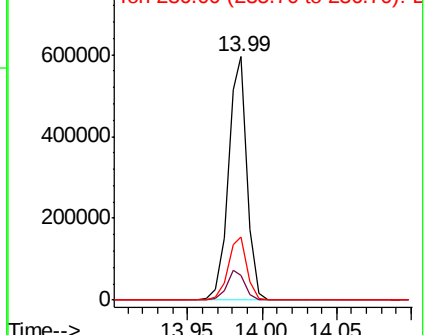
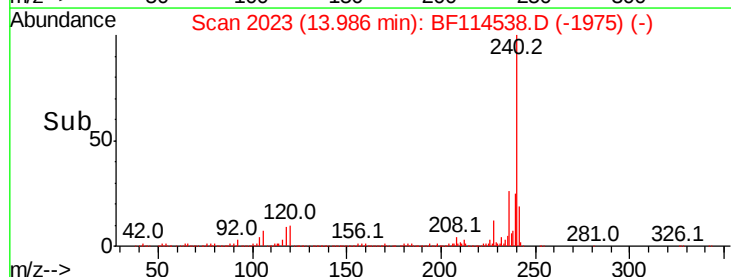


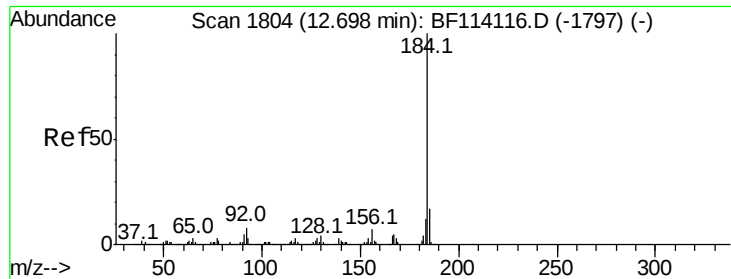
Abundance

Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 11.976 ng

RT: 12.67 min Scan# 1799

Delta R.T. -0.02 min

Lab File: BF114538.D

Acq: 23 May 2019 22:01

Instrument :

BNA_F

ClientSampleId :

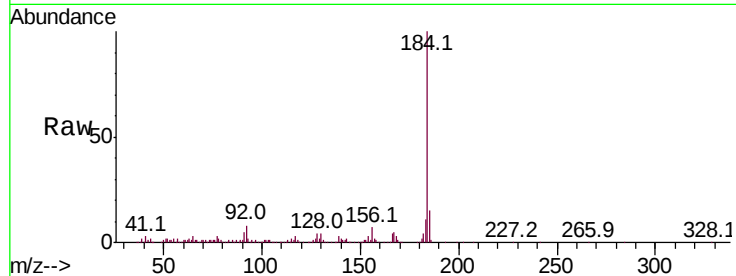
Tot Ion:184 Resp: 282495

Ion Ratio Lower Upper

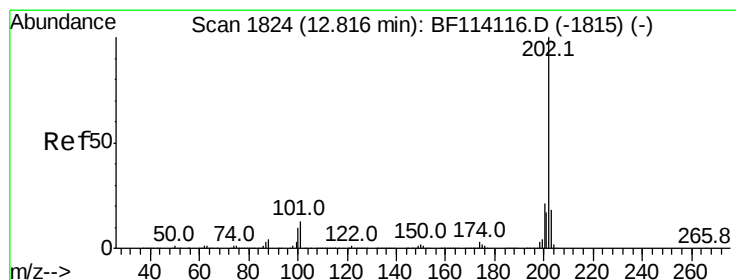
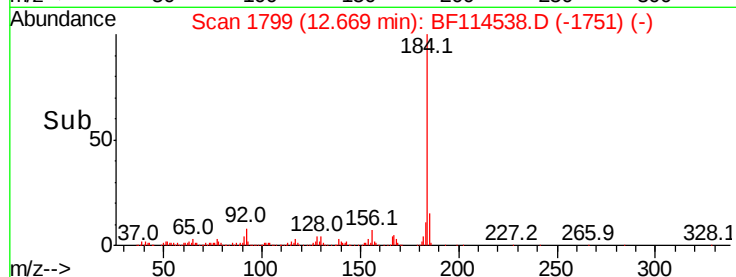
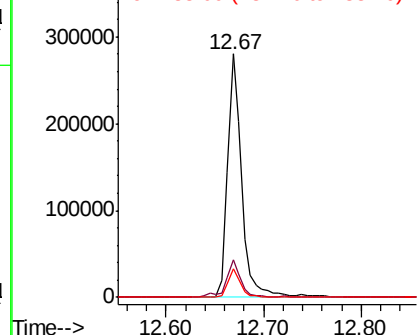
184 100

185 15.2 13.6 20.4

183 11.5 9.2 13.8



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 37.111 ng

RT: 12.79 min Scan# 1819

Delta R.T. -0.02 min

Lab File: BF114538.D

Acq: 23 May 2019 22:01

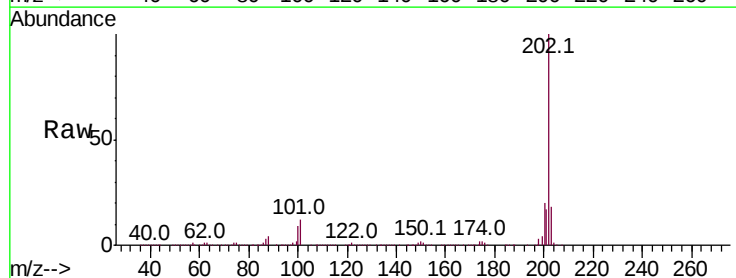
Tgt Ion:202 Resp: 1568857

Ion Ratio Lower Upper

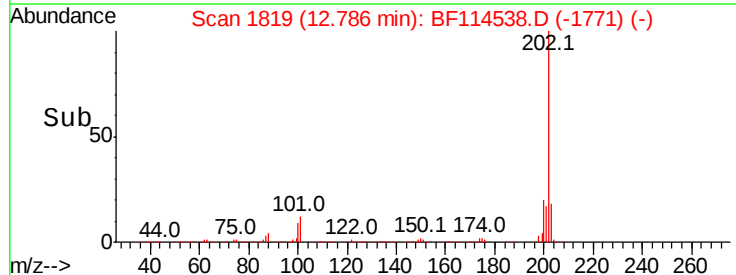
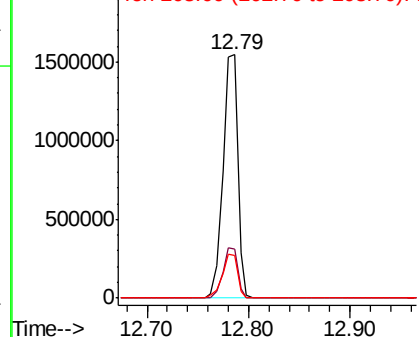
202 100

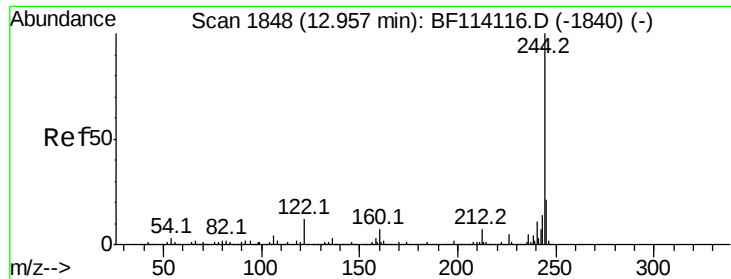
200 20.4 16.9 25.3

203 17.6 14.5 21.7



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 69.958 ng

RT: 12.92 min Scan# 1842

Delta R.T. -0.02 min

Lab File: BF114538.D

Acq: 23 May 2019 22:01

Instrument :

BNA_F

ClientSampleId :

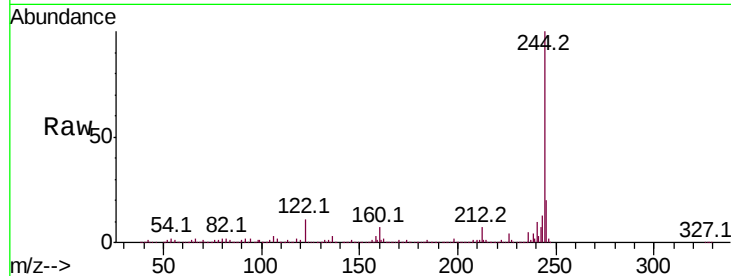
Tot Ion:244 Resp: 1783414

Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.8	8.6
122	11.3	9.4	14.2

244 100

212 6.8 5.8 8.6

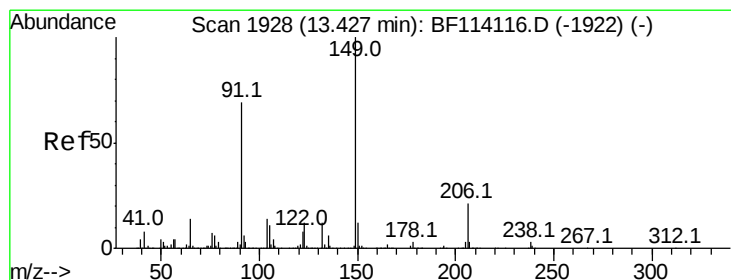
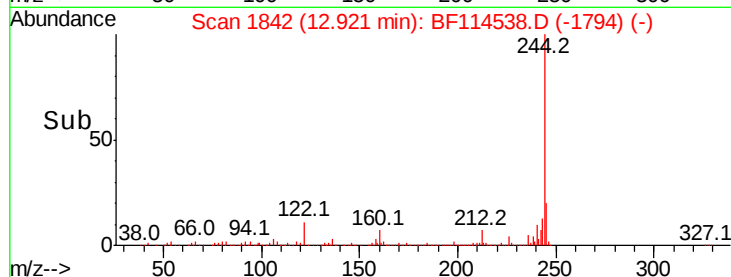
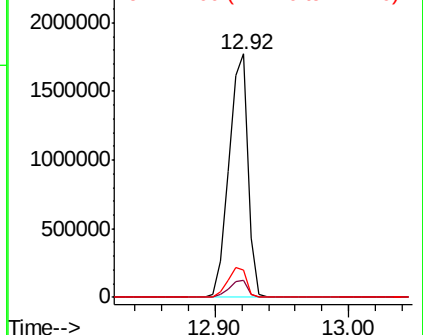
122 11.3 9.4 14.2



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 40.938 ng

RT: 13.39 min Scan# 1921

Delta R.T. -0.02 min

Lab File: BF114538.D

Acq: 23 May 2019 22:01

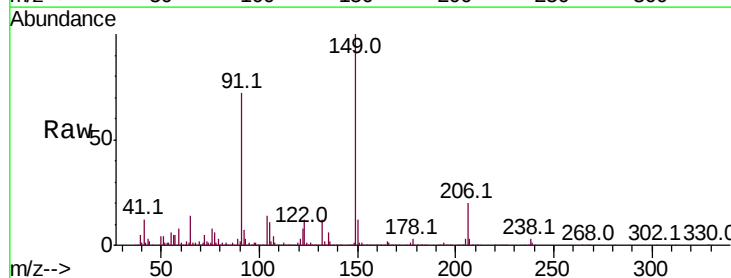
Tgt Ion:149 Resp: 728437

Ion	Ratio	Lower	Upper
149	100		
91	71.7	55.0	82.4
206	19.8	16.9	25.3

149 100

91 71.7 55.0 82.4

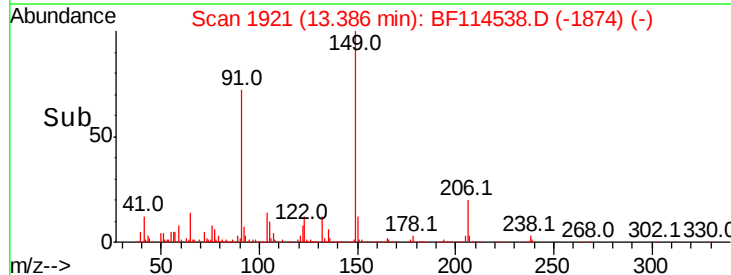
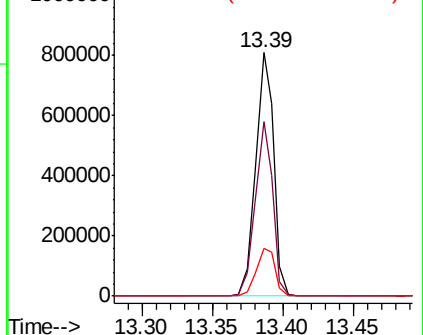
206 19.8 16.9 25.3

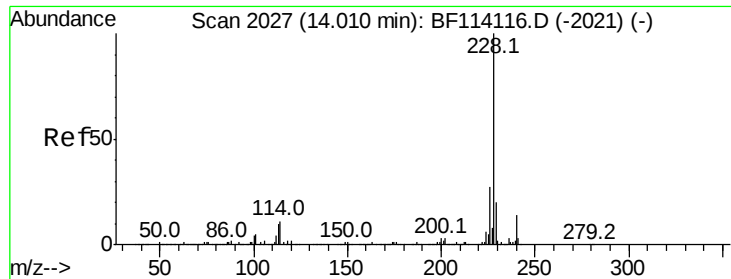


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E

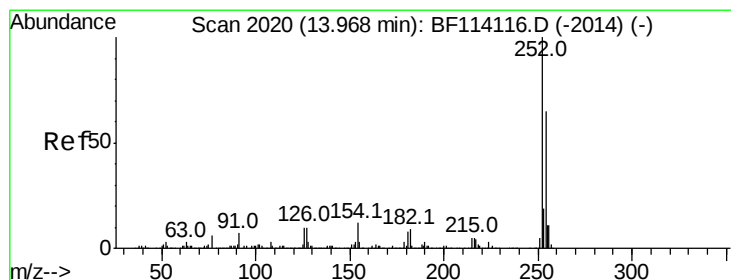
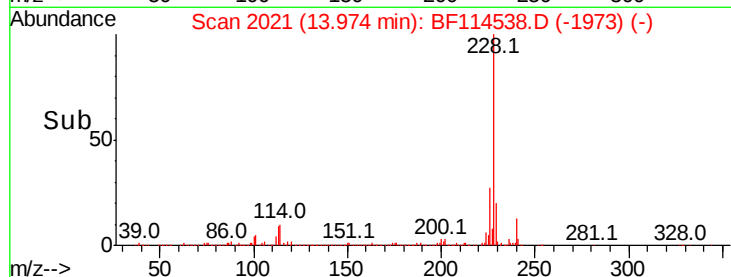
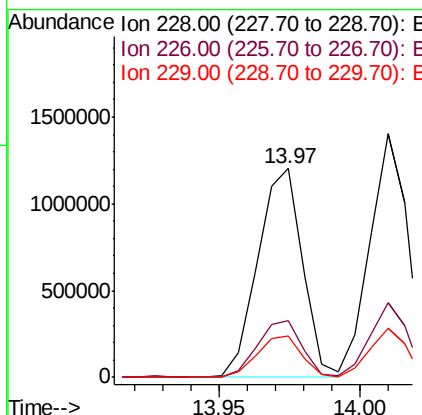
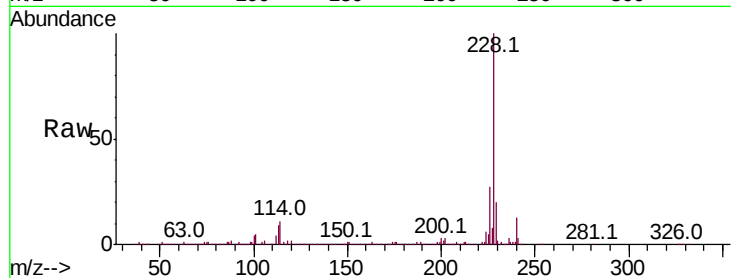




#81
Benzo(a)anthracene
Concen: 38.690 ng
RT: 13.97 min Scan# 2021
Delta R.T. -0.02 min
Lab File: BF114538.D
Acq: 23 May 2019 22:01

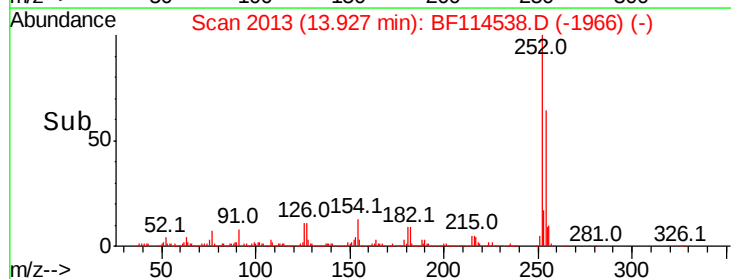
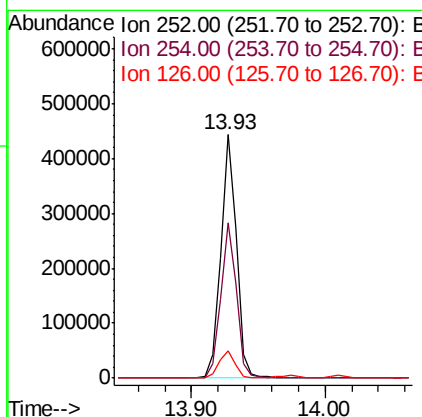
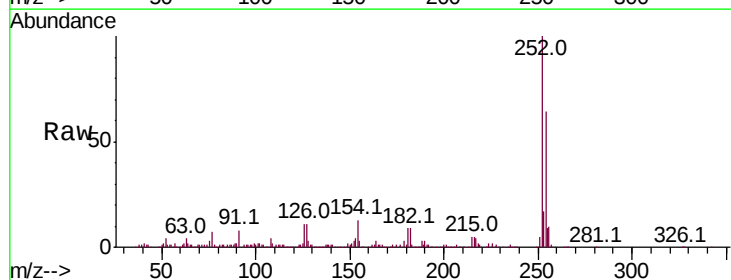
Instrument :
BNA_F
ClientSampleId :

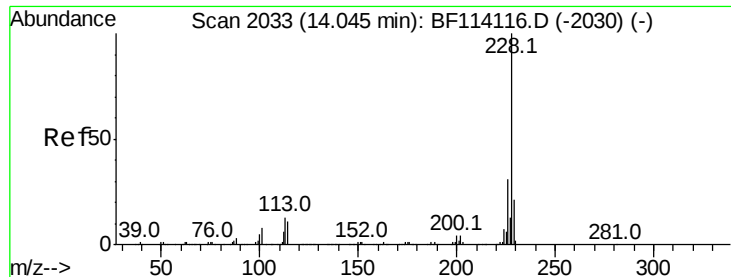
Tot Ion:228 Resp: 1315077
Ion Ratio Lower Upper
228 100
226 27.3 22.2 33.2
229 19.7 16.4 24.6



#82
3,3'-Dichlorobenzidine
Concen: 27.926 ng
RT: 13.93 min Scan# 2013
Delta R.T. -0.02 min
Lab File: BF114538.D
Acq: 23 May 2019 22:01

Tgt Ion:252 Resp: 368225
Ion Ratio Lower Upper
252 100
254 63.9 51.9 77.9
126 11.2 7.9 11.9





#83

Chrysene

Concen: 38.492 ng

RT: 14.01 min Scan# 2027

Delta R.T. -0.02 min

Lab File: BF114538.D

Acq: 23 May 2019 22:01

Instrument :

BNA_F

ClientSampleId :

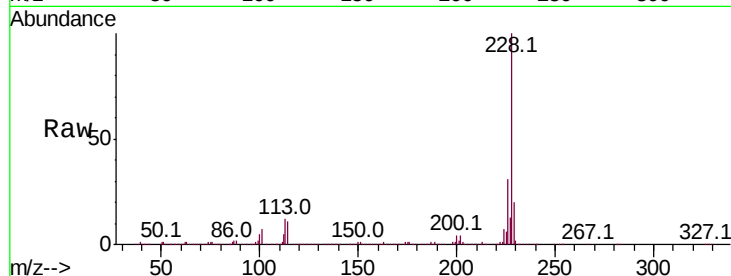
Tot Ion:228 Resp: 1282542

Ion Ratio Lower Upper

228 100

226 30.8 25.0 37.6

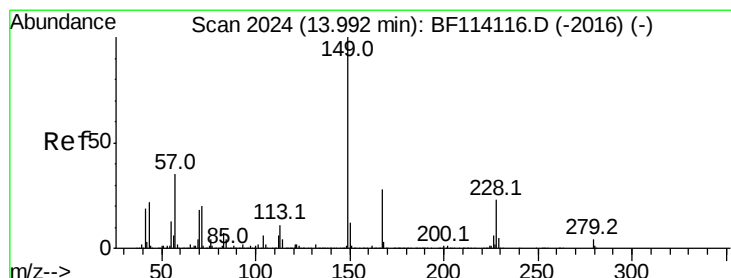
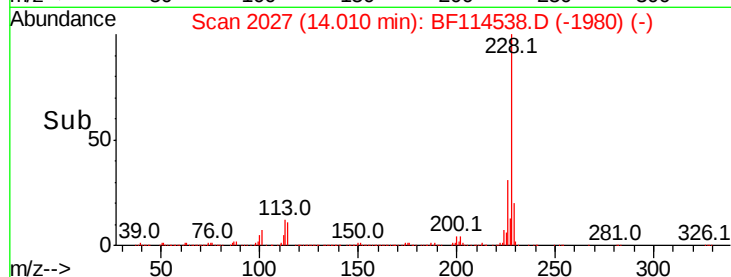
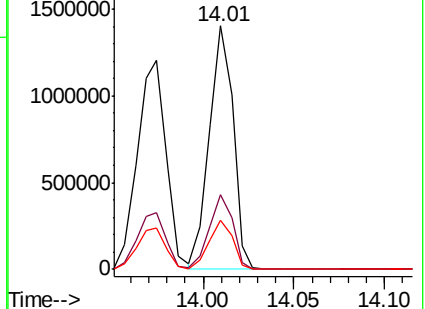
229 20.2 17.0 25.6



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 44.196 ng

RT: 13.94 min Scan# 2016

Delta R.T. -0.02 min

Lab File: BF114538.D

Acq: 23 May 2019 22:01

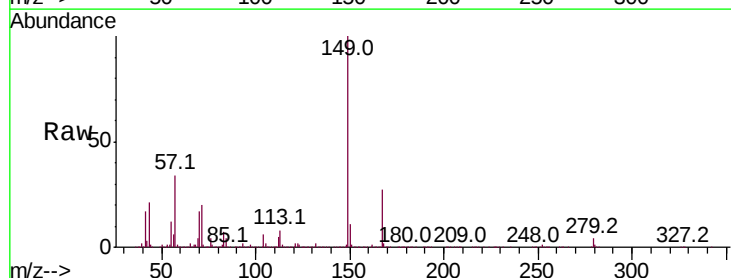
Tgt Ion:149 Resp: 1028537

Ion Ratio Lower Upper

149 100

167 27.4 22.6 33.8

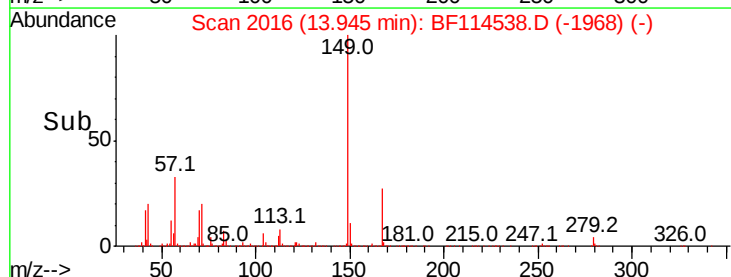
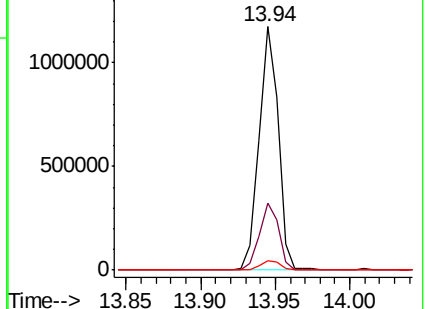
279 3.6 3.0 4.6

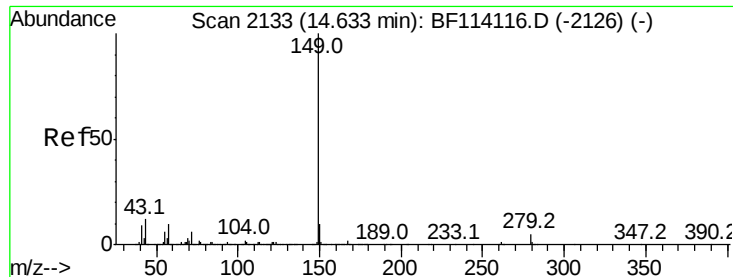


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 45.951 ng

RT: 14.56 min Scan# 2120

Delta R.T. -0.02 min

Lab File: BF114538.D

Acq: 23 May 2019 22:01

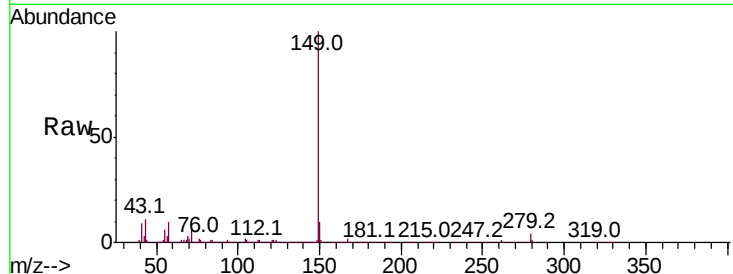
Instrument :

BNA_F

ClientSampleId :

Tot Ion:149 Resp: 1733527

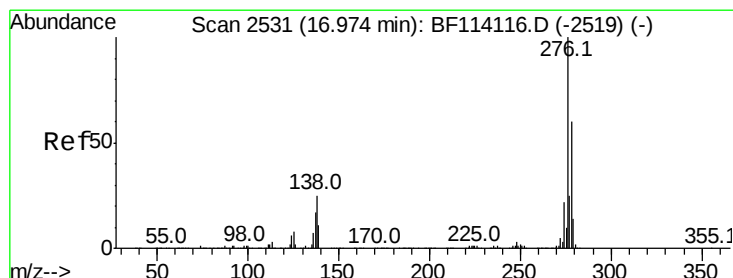
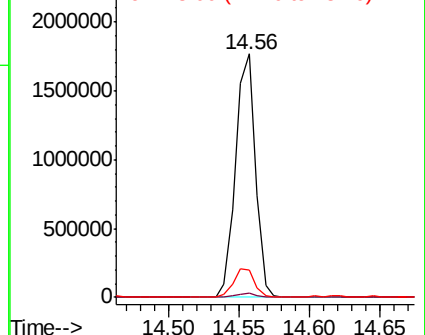
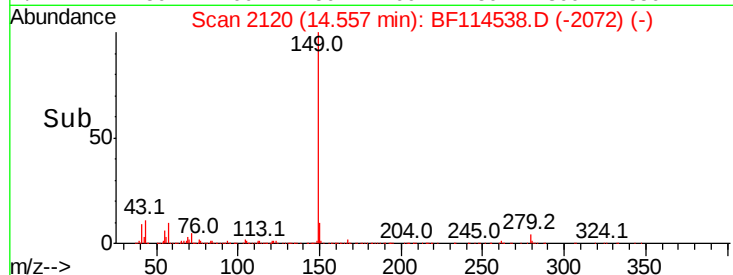
Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	11.8	10.1	15.1



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: 41.836 ng

RT: 16.93 min Scan# 2523

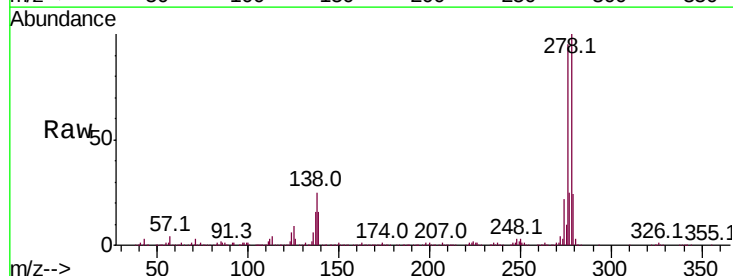
Delta R.T. -0.02 min

Lab File: BF114538.D

Acq: 23 May 2019 22:01

Tgt Ion:276 Resp: 1231939

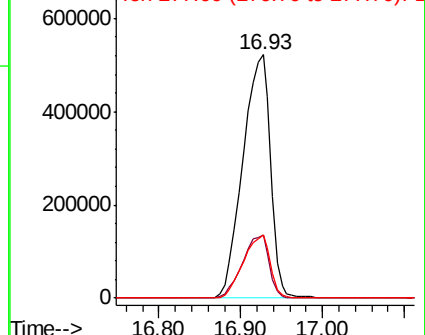
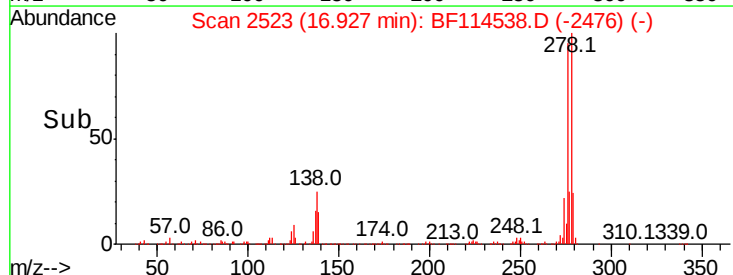
Ion	Ratio	Lower	Upper
276	100		
138	25.2	20.2	30.2
277	25.3	20.0	30.0

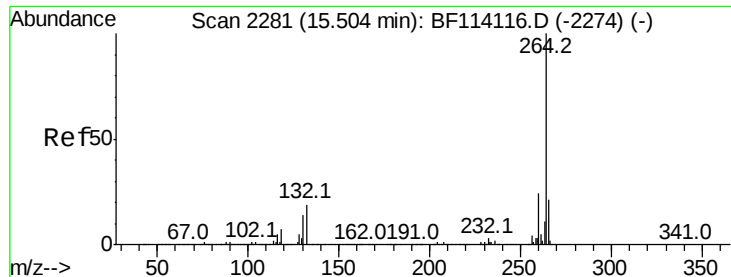


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



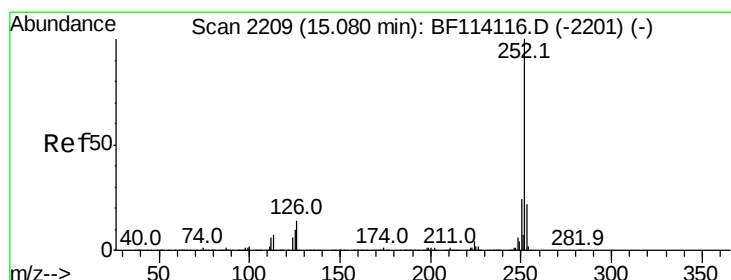
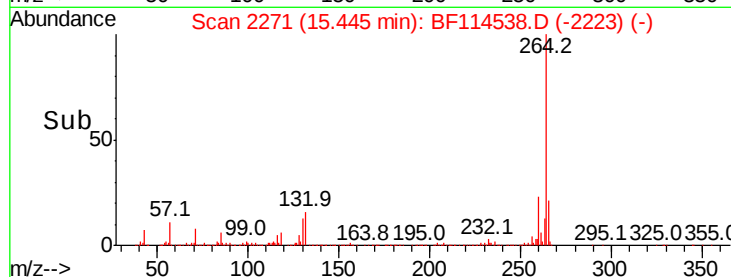
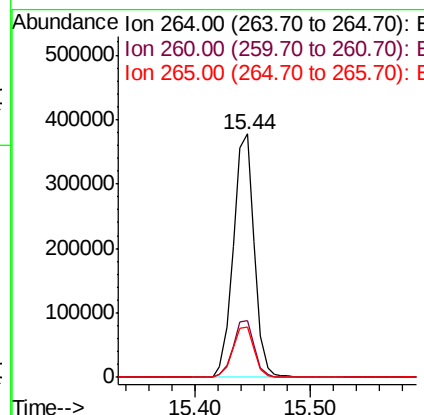
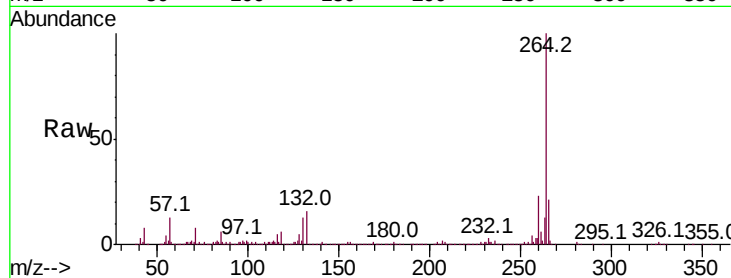


#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.44 min Scan# 2271
Delta R.T. -0.02 min
Lab File: BF114538.D
Acq: 23 May 2019 22:01

Instrument :
BNA_F
ClientSampleId :

Tot Ion:264 Resp: 472359

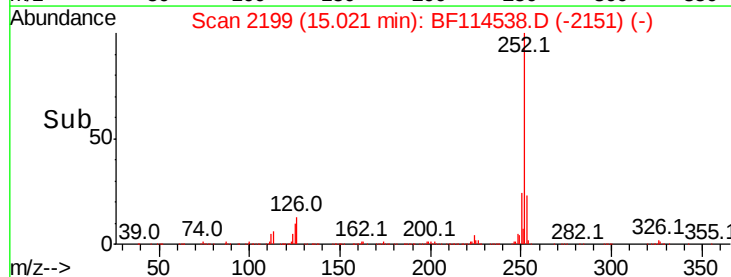
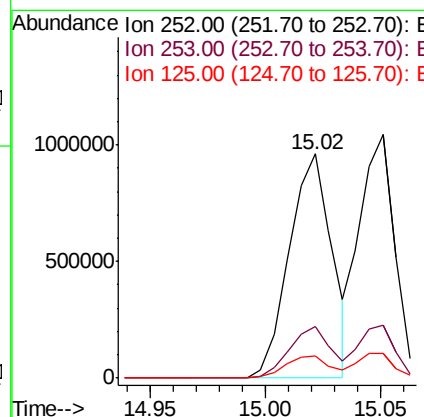
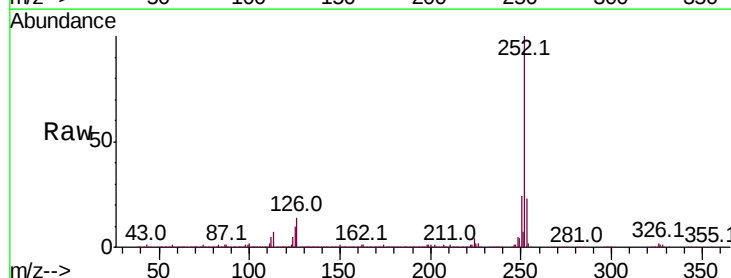
Ion	Ratio	Lower	Upper
264	100		
260	23.1	19.4	29.0
265	20.7	16.9	25.3

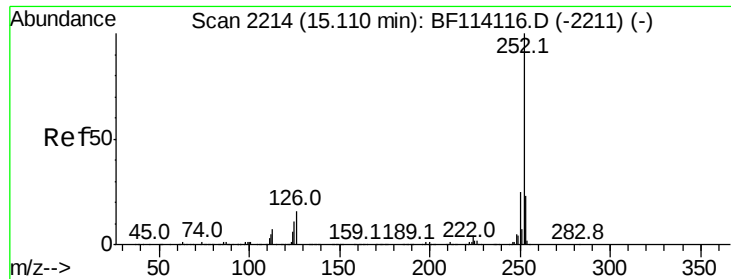


#88
Benzo(b)fluoranthene
Concen: 40.694 ng
RT: 15.02 min Scan# 2199
Delta R.T. -0.02 min
Lab File: BF114538.D
Acq: 23 May 2019 22:01

Tgt Ion:252 Resp: 1231495

Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.8	26.8
125	10.0	8.3	12.5





#89

Benzo(k)fluoranthene

Concen: 39.541 ng

RT: 15.05 min Scan# 2204

Delta R.T. -0.02 min

Lab File: BF114538.D

Acq: 23 May 2019 22:01

Instrument :

BNA_F

ClientSampleId :

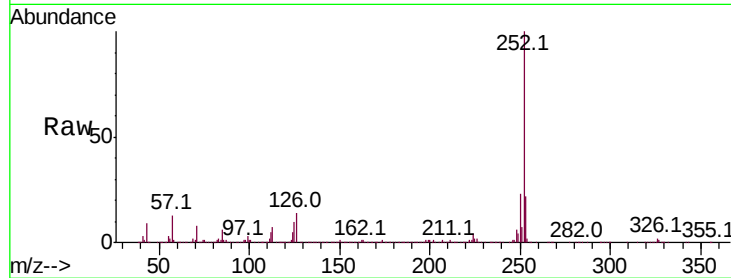
Tot Ion:252 Resp: 1099189

Ion Ratio Lower Upper

252 100

253 22.0 18.2 27.2

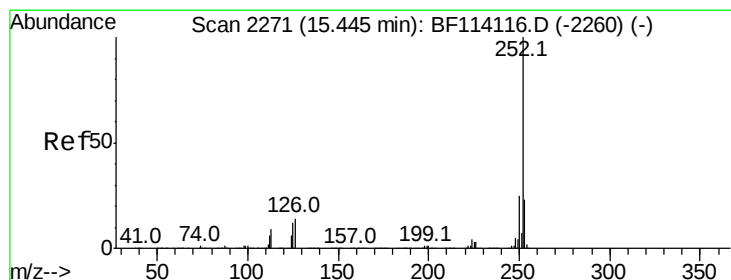
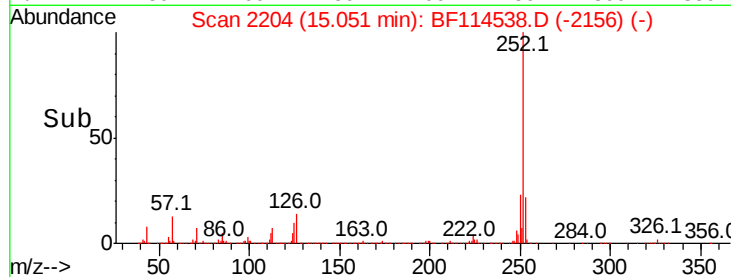
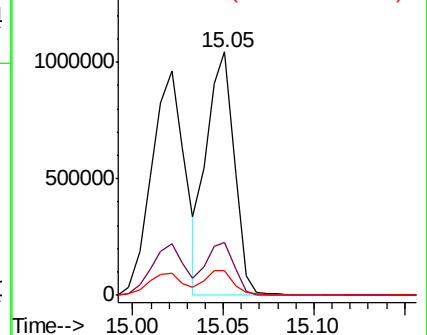
125 10.2 8.6 13.0



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



#90

Benzo(a)pyrene

Concen: 41.918 ng

RT: 15.39 min Scan# 2261

Delta R.T. -0.02 min

Lab File: BF114538.D

Acq: 23 May 2019 22:01

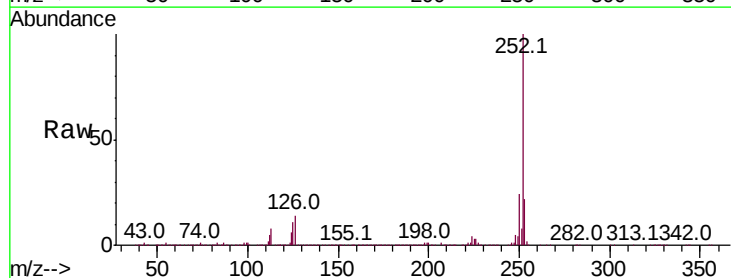
Tgt Ion:252 Resp: 1116402

Ion Ratio Lower Upper

252 100

253 22.0 18.1 27.1

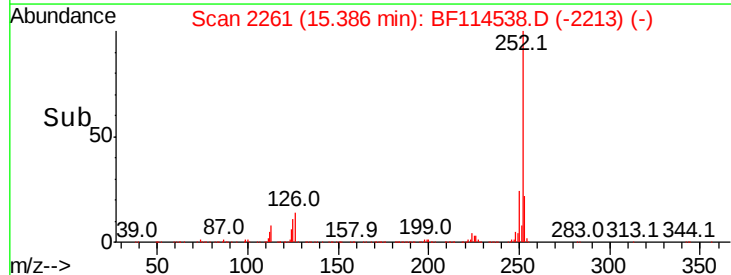
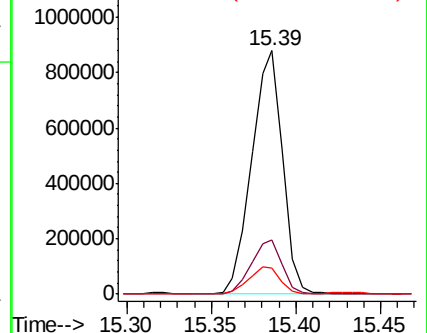
125 10.7 9.5 14.3

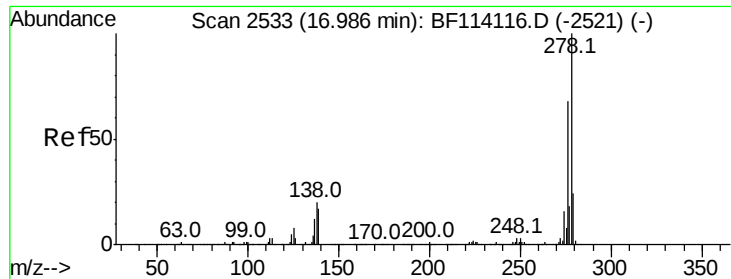


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

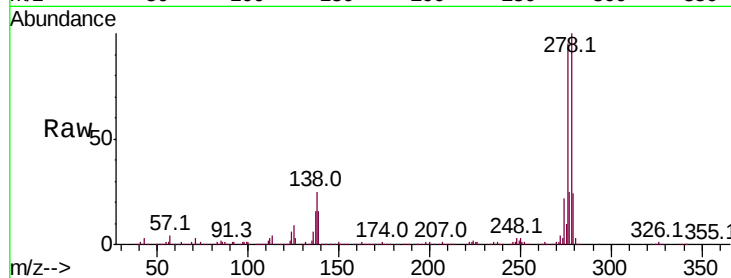




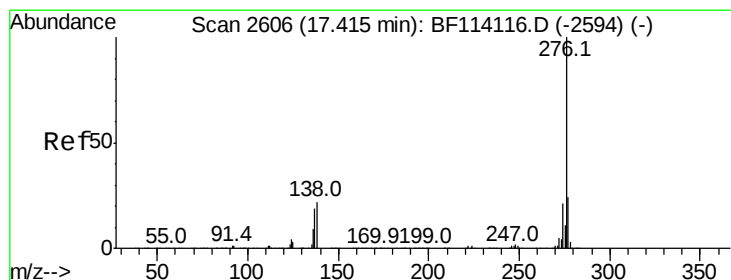
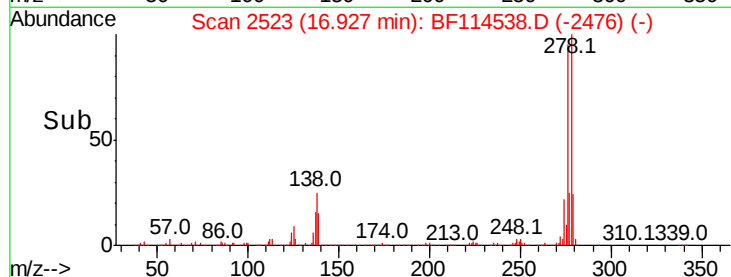
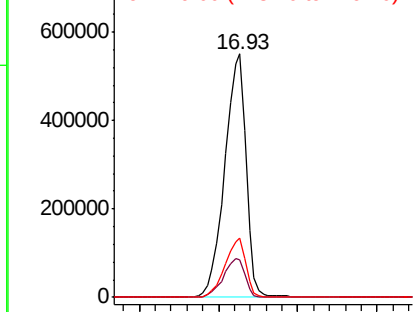
#91
Dibenzo(a,h)anthracene
Concen: 46.349 ng
RT: 16.93 min Scan# 2523
Delta R.T. -0.02 min
Lab File: BF114538.D
Acq: 23 May 2019 22:01

Instrument :
BNA_F
ClientSampleId :

Tot Ion:278 Resp: 1025736
Ion Ratio Lower Upper
278 100
139 15.6 13.5 20.3
279 24.2 19.0 28.6

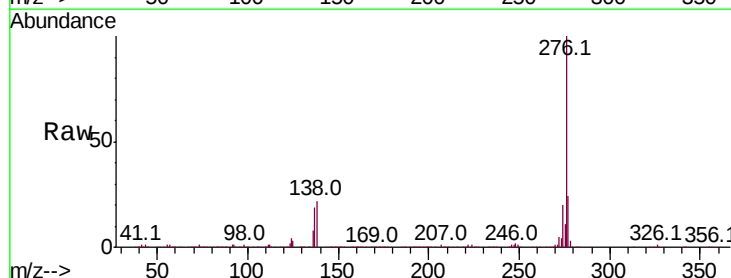


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 47.778 ng
RT: 17.36 min Scan# 2597
Delta R.T. -0.02 min
Lab File: BF114538.D
Acq: 23 May 2019 22:01

Tgt Ion:276 Resp: 1059636
Ion Ratio Lower Upper
276 100
277 23.7 19.0 28.4
138 22.1 17.8 26.6



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 277.00 (276.70 to 277.70): E
Ion 138.00 (137.70 to 138.70): E

