

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051019\
 Data File : BF114132.D
 Acq On : 10 May 2019 20:34
 Operator : JU/SJ
 Sample : K2762-02MS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P021-SS001-0002-01MS

Quant Time: May 11 04:01:47 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF051019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 10 15:56:46 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	357643	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	1304320	20.00	ng	0.00
39) Acenaphthene-d10	9.89	164	547755	20.00	ng	0.00
64) Phenanthrene-d10	11.37	188	1047719	20.00	ng	0.00
76) Chrysene-d12	14.01	240	731489	20.00	ng	-0.01
87) Perylene-d12	15.48	264	650801	20.00	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.48	112	1903312	85.64	ng	0.00
7) Phenol-d6	6.49	99	2448277	93.14	ng	0.00
23) Nitrobenzene-d5	7.42	82	1471294	63.30	ng	0.00
42) 2,4,6-Tribromophenol	10.67	330	514497	90.85	ng	0.00
45) 2-Fluorobiphenyl	9.21	172	2104665	58.12	ng	0.00
79) Terphenyl-d14	12.95	244	1984035	55.91	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.63	88	282223	23.104	ng	99
3) Pyridine	3.39	79	751425	22.326	ng	99
4) n-Nitrosodimethylamine	3.32	42	436854	26.916	ng	95
6) Aniline	6.52	93	405220	10.672	ng	# 83
8) 2-Chlorophenol	6.65	128	757688	31.936	ng	94
9) Benzaldehyde	6.40	77	333451	18.121	ng	99
10) Phenol	6.51	94	939908	30.397	ng	89
11) bis(2-Chloroethyl)ether	6.59	93	818194	34.854	ng	98
12) 1,3-Dichlorobenzene	6.80	146	761354	28.588	ng	99
13) 1,4-Dichlorobenzene	6.87	146	769150	28.661	ng	99
14) 1,2-Dichlorobenzene	7.03	146	728879	29.728	ng	99
15) Benzyl Alcohol	6.99	79	658170	32.105	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.13	45	1364748	29.984	ng	99
17) 2-Methylphenol	7.11	107	599160	30.743	ng	99
18) Hexachloroethane	7.37	117	237390	23.566	ng	95
19) n-Nitroso-di-n-propylamine	7.26	70	505491	30.340	ng	98
20) 3+4-Methylphenols	7.26	107	704867	31.303	ng	94
22) Acetophenone	7.26	105	988105	34.196	ng	98
24) Nitrobenzene	7.43	77	787329	33.260	ng	96
25) Isophorone	7.67	82	1385717	32.148	ng	98
26) 2-Nitrophenol	7.75	139	384382	33.469	ng	96
27) 2,4-Dimethylphenol	7.79	122	620849	34.420	ng	99
28) bis(2-Chloroethoxy)methane	7.88	93	895410	32.016	ng	99
29) 2,4-Dichlorophenol	7.99	162	571450	31.816	ng	98
30) 1,2,4-Trichlorobenzene	8.07	180	622240	30.466	ng	98
31) Naphthalene	8.16	128	1990845	32.676	ng	99
32) Benzoic acid	7.89	122	184677	19.279	ng	99
33) 4-Chloroaniline	8.20	127	339428	12.225	ng	99
34) Hexachlorobutadiene	8.27	225	332477	28.610	ng	98
35) Caprolactam	8.56	113	190365	32.504	ng	99
36) 4-Chloro-3-methylphenol	8.69	107	586333	32.431	ng	98
37) 2-Methylnaphthalene	8.85	142	1292184	32.872	ng	97
38) 1-Methylnaphthalene	8.95	142	1208607	32.649	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.02	216	578905	34.889	ng	99

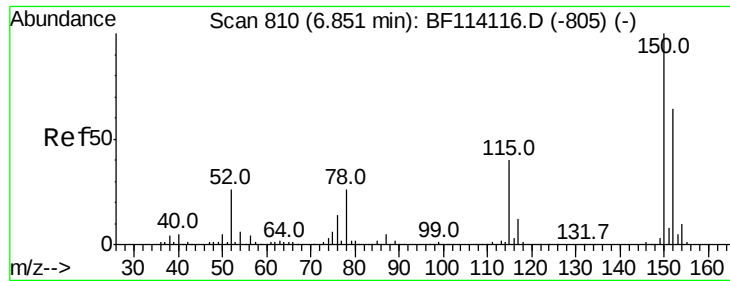
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051019\
 Data File : BF114132.D
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.00	237	103185	16.951	ng	98
43) 2,4,6-Trichlorophenol	9.12	196	391714	34.322	ng	98
44) 2,4,5-Trichlorophenol	9.17	196	391831	33.477	ng	99
46) 1,1'-Biphenyl	9.31	154	1505079	34.012	ng	99
47) 2-Chloronaphthalene	9.33	162	1145086	32.154	ng	98
48) 2-Nitroaniline	9.43	65	410734	32.520	ng	95
49) Acenaphthylene	9.75	152	1756425	32.427	ng	99
50) Dimethylphthalate	9.60	163	1721239	42.806	ng	98
51) 2,6-Dinitrotoluene	9.67	165	286390	32.111	ng	87
52) Acenaphthene	9.92	154	1069573	32.179	ng	99
53) 3-Nitroaniline	9.83	138	236070	21.323	ng	98
54) 2,4-Dinitrophenol	9.95	184	74330	21.922	ng	93
55) Dibenzofuran	10.09	168	1562917	32.067	ng	96
56) 4-Nitrophenol	10.00	139	458413	58.550	ng	92
57) 2,4-Dinitrotoluene	10.07	165	361003	29.822	ng	94
58) Fluorene	10.43	166	1215961	32.300	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.21	232	343132	33.977	ng	98
60) Diethylphthalate	10.30	149	1400328	34.275	ng	100
61) 4-Chlorophenyl-phenylether	10.43	204	612634	33.133	ng	97
62) 4-Nitroaniline	10.45	138	279771	24.048	ng	95
63) Azobenzene	10.59	77	1293700	32.713	ng	97
65) 4,6-Dinitro-2-methylphenol	10.48	198	64146	12.741	ng	92
66) n-Nitrosodiphenylamine	10.54	169	1124670	35.369	ng	99
67) 4-Bromophenyl-phenylether	10.92	248	374057	32.426	ng	95
68) Hexachlorobenzene	10.99	284	400439	31.378	ng	96
69) Atrazine	11.07	200	317907	32.126	ng	99
70) Pentachlorophenol	11.18	266	421707	69.708	ng	99
71) Phenanthrene	11.40	178	1708743	33.523	ng	98
72) Anthracene	11.45	178	1742101	34.027	ng	100
73) Carbazole	11.60	167	1648934	33.775	ng	98
74) Di-n-butylphthalate	11.93	149	1958593	34.821	ng	99
75) Fluoranthene	12.58	202	1907394	34.749	ng	97
78) Pyrene	12.81	202	1955450	33.231	ng	100
80) Butylbenzylphthalate	13.42	149	852353	34.413	ng	94
81) Benzo(a)anthracene	14.00	228	1498556	31.674	ng	100
82) 3,3'-Dichlorobenzidine	13.96	252	171386	9.338	ng	# 98
83) Chrysene	14.03	228	1512067	32.602	ng	99
84) Bis(2-ethylhexyl)phthalate	13.99	149	1091971	33.709	ng	99
85) Di-n-octyl phthalate	14.60	149	1804635	34.366	ng	100
86) Indeno(1,2,3-cd)pyrene	16.95	276	1218053	29.716	ng	98
88) Benzo(b)fluoranthene	15.05	252	1454784	34.892	ng	99
89) Benzo(k)fluoranthene	15.08	252	1142736	29.836	ng	98
90) Benzo(a)pyrene	15.42	252	1191500	32.471	ng	99
91) Dibenzo(a,h)anthracene	16.96	278	1028524	33.732	ng	98
92) Benzo(g,h,i)perylene	17.39	276	1024080	33.514	ng	99

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

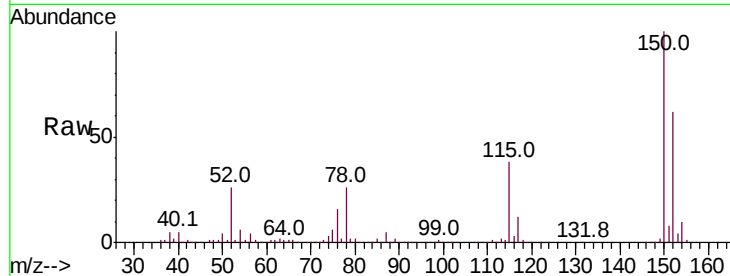


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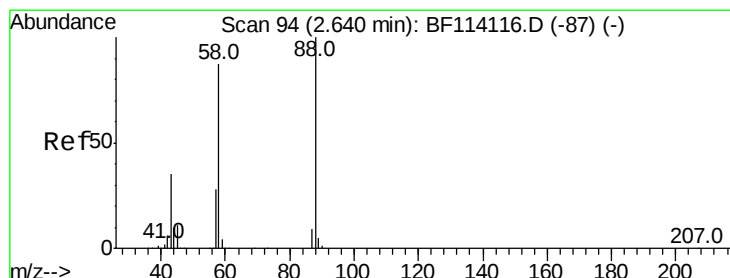
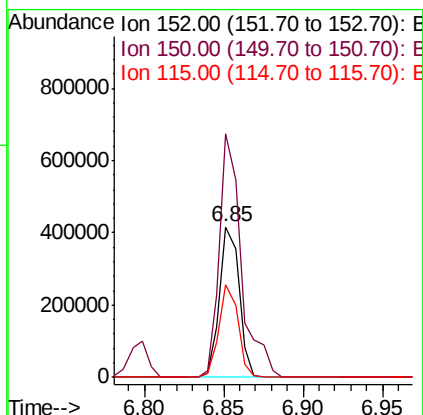
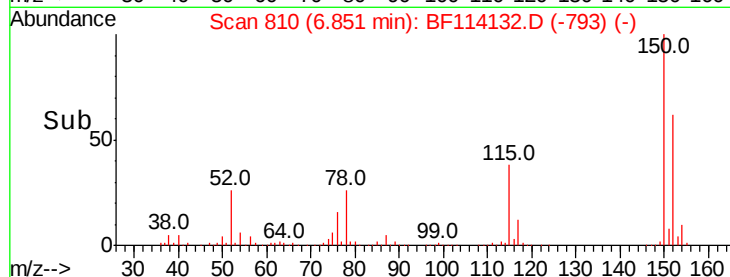
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 810
Delta R.T. 0.00 min
Lab File: BF114132.D
Acq: 10 May 2019 20:34

Instrument :
BNA_F
ClientSampleId :
P021-SS001-0002-01MS

Tot Ion:152 Resp: 357643
Ion Ratio Lower Upper
152 100
150 161.8 124.3 186.5
115 61.6 49.1 73.7



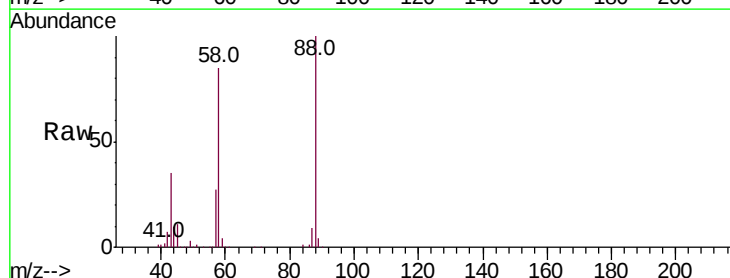
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



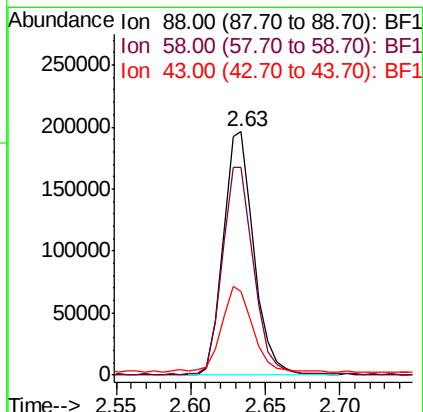
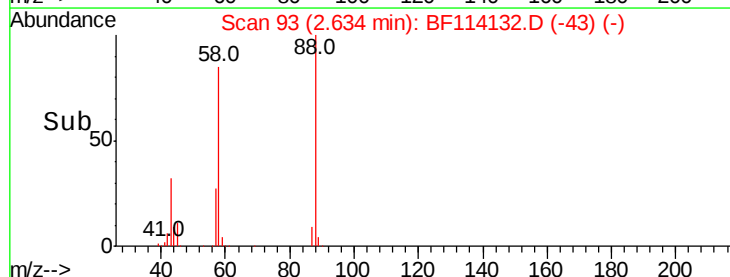
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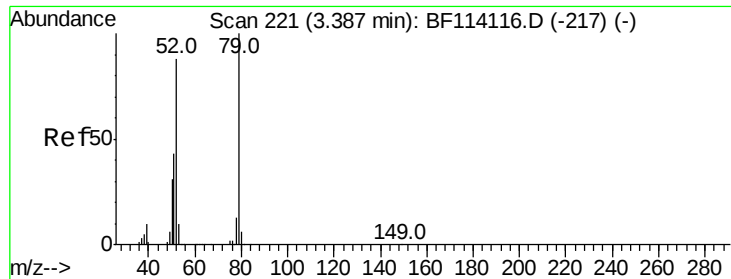
1,4-Dioxane
Concen: 23.104 ng
RT: 2.63 min Scan# 93
Delta R.T. -0.01 min
Lab File: BF114132.D
Acq: 10 May 2019 20:34

Tgt Ion: 88 Resp: 282223
Ion Ratio Lower Upper
88 100
58 86.7 68.7 103.1
43 35.8 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

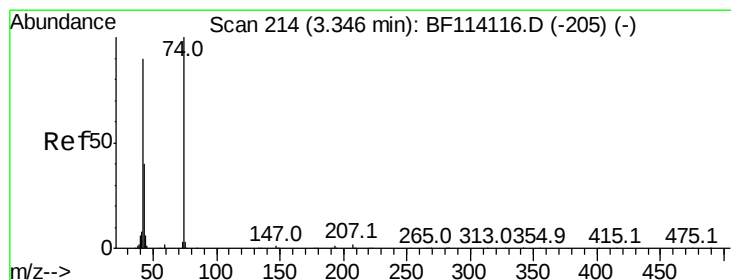
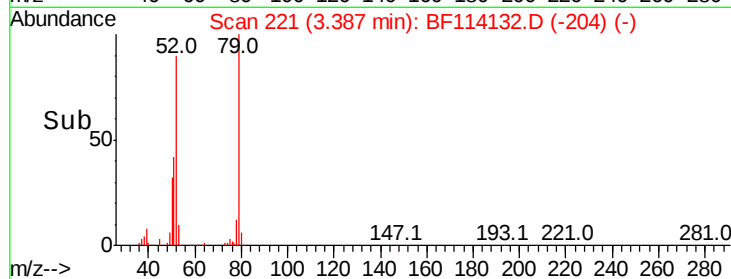
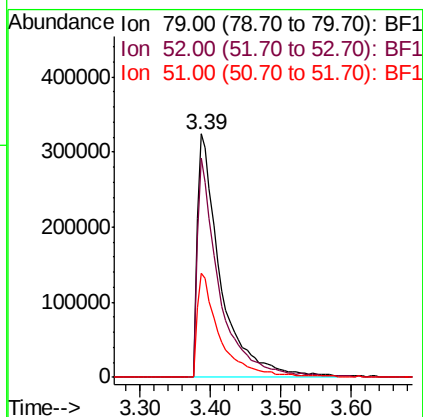
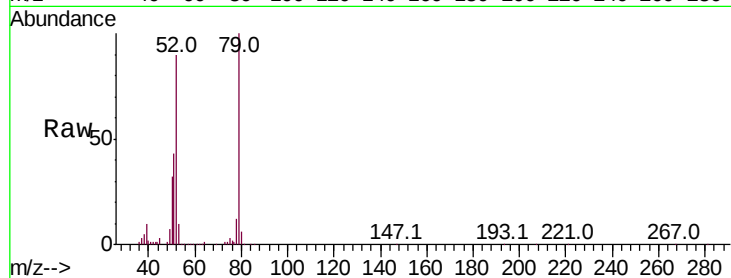




#3
 Pvridine
 Concen: 22.326 ng
 RT: 3.39 min Scan# 221
 Delta R.T. 0.00 min
 Lab File: BF114132.D
 Acq: 10 May 2019 20:34

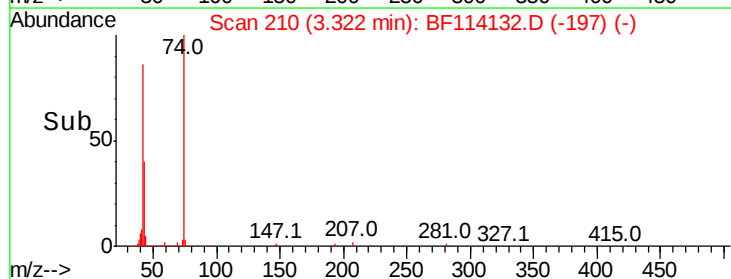
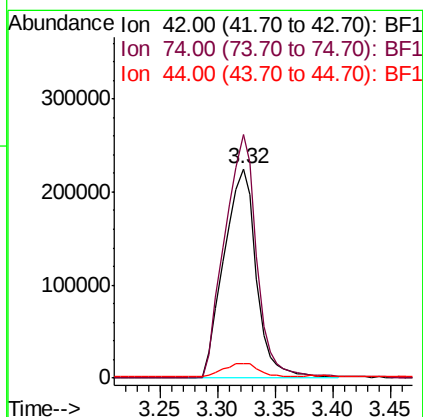
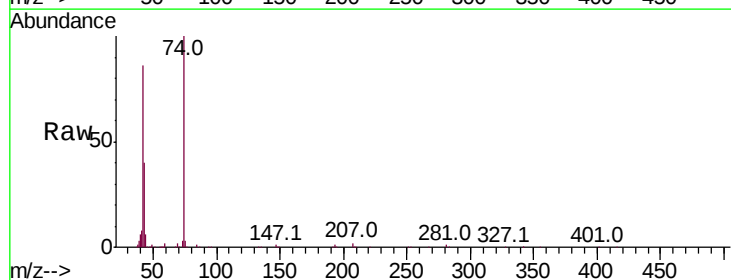
Instrument :
 BNA_F
 ClientSampleId :
 P021-SS001-0002-01MS

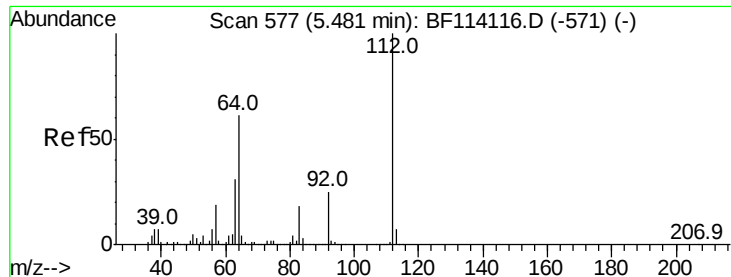
Tot Ion: 79 Resp: 751425
 Ion Ratio Lower Upper
 79 100
 52 89.8 70.6 105.8
 51 42.7 34.2 51.2



#4
 n-Nitrosodimethylamine
 Concen: 26.916 ng
 RT: 3.32 min Scan# 210
 Delta R.T. -0.02 min
 Lab File: BF114132.D
 Acq: 10 May 2019 20:34

Tgt Ion: 42 Resp: 436854
 Ion Ratio Lower Upper
 42 100
 74 116.2 88.6 132.8
 44 7.0 5.5 8.3





#5

2-Fluorophenol

Concen: 85.642 ng

RT: 5.48 min Scan# 577

Delta R.T. 0.00 min

Lab File: BF114132.D

Acq: 10 May 2019 20:34

Instrument :

BNA_F

ClientSampleId :

P021-SS001-0002-01MS

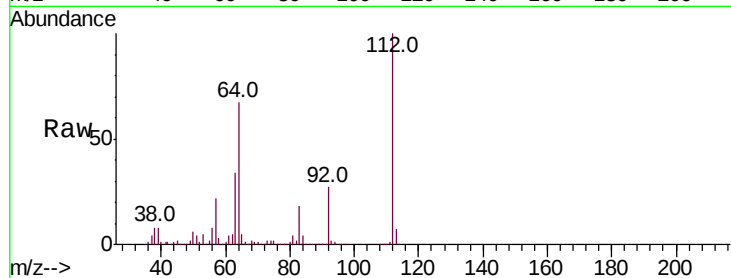
Tot Ion:112 Resp: 1903312

Ion Ratio Lower Upper

112 100

64 67.1 49.0 73.6

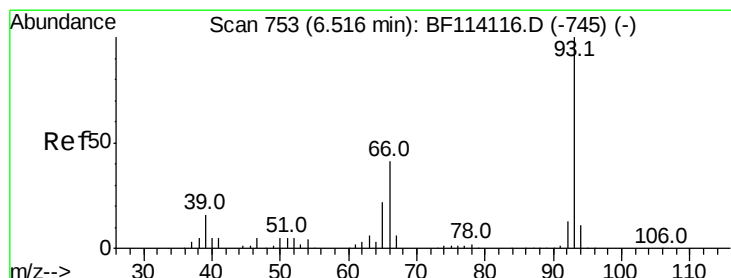
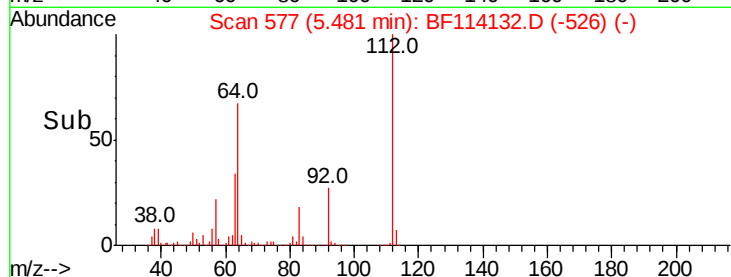
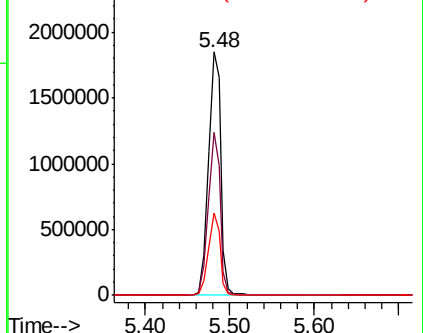
63 34.0 24.6 37.0



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 10.672 ng

RT: 6.52 min Scan# 753

Delta R.T. 0.00 min

Lab File: BF114132.D

Acq: 10 May 2019 20:34

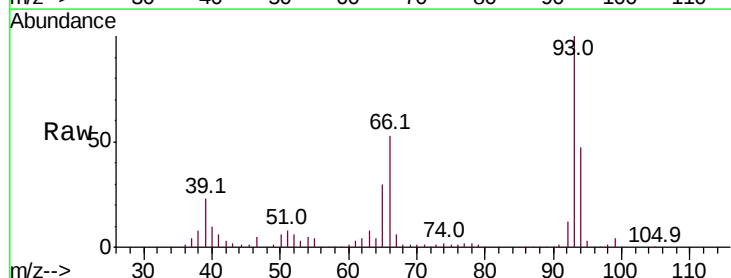
Tgt Ion: 93 Resp: 405220

Ion Ratio Lower Upper

93 100

66 52.6 33.2 49.8#

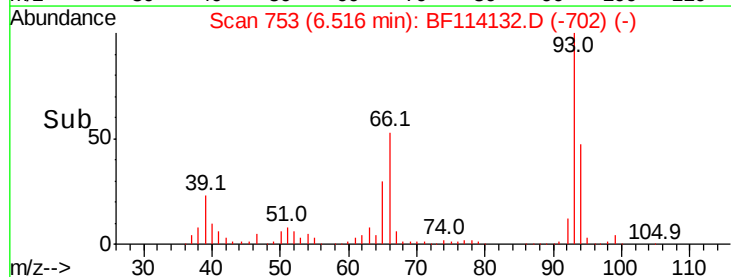
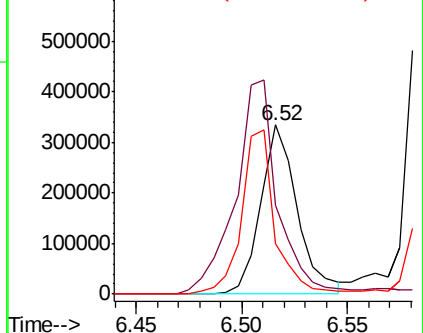
65 29.7 17.6 26.4#

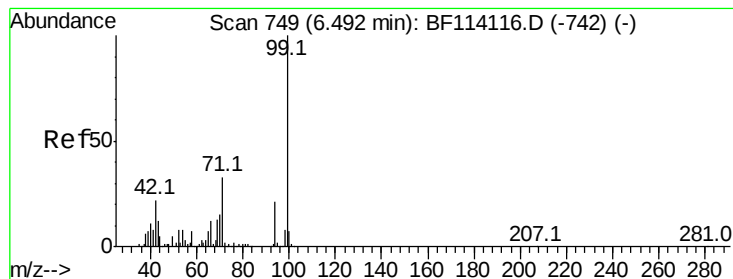


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 93.143 ng

RT: 6.49 min Scan# 749

Delta R.T. 0.00 min

Lab File: BF114132.D

Acq: 10 May 2019 20:34

Instrument :

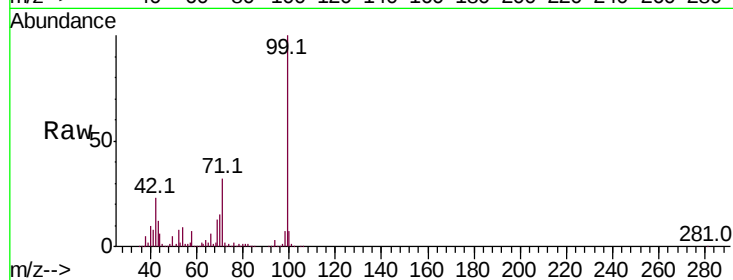
BNA_F

ClientSampleId :

P021-SS001-0002-01MS

Tot Ion: 99 Resp: 2448277

Ion	Ratio	Lower	Upper
99	100		
42	23.4	17.9	26.9
71	32.5	26.2	39.2

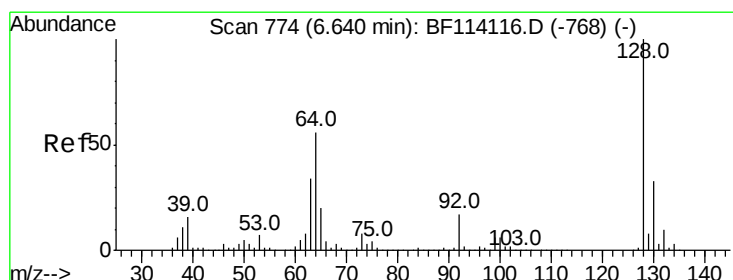
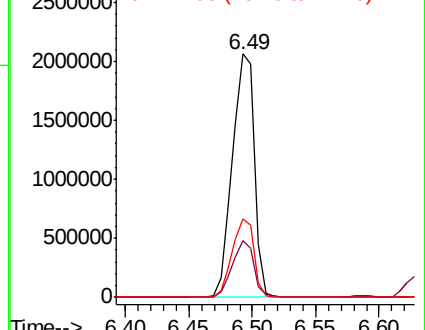
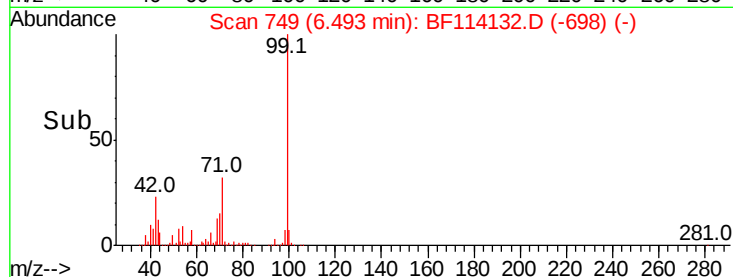


Abundance

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: 31.936 ng

RT: 6.65 min Scan# 775

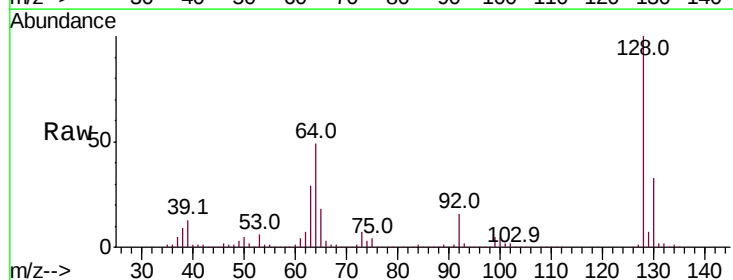
Delta R.T. 0.01 min

Lab File: BF114132.D

Acq: 10 May 2019 20:34

Tgt Ion: 128 Resp: 757688

Ion	Ratio	Lower	Upper
128	100		
130	32.9	12.6	52.6
64	48.7	35.9	75.9

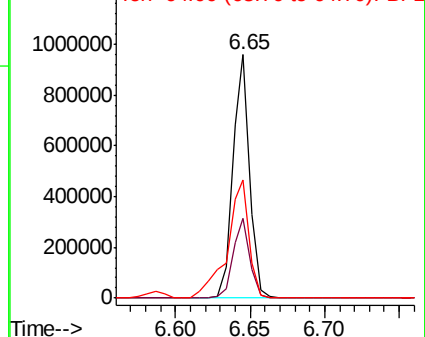
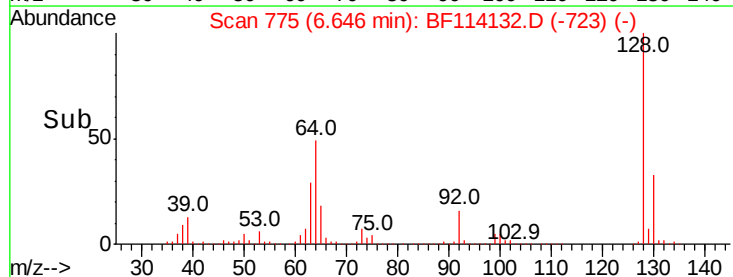


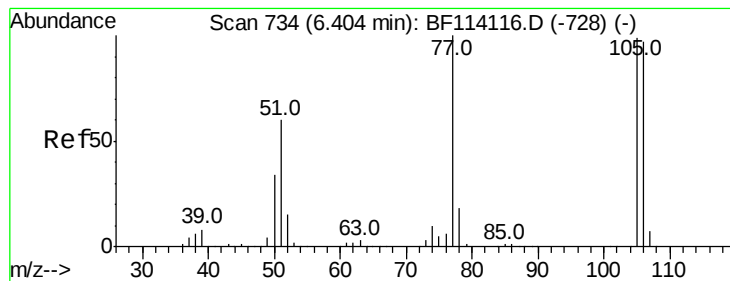
Abundance

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: 18.121 ng

RT: 6.40 min Scan# 733

Delta R.T. -0.01 min

Lab File: BF114132.D

Acq: 10 May 2019 20:34

Instrument :

BNA_F

ClientSampleId :

P021-SS001-0002-01MS

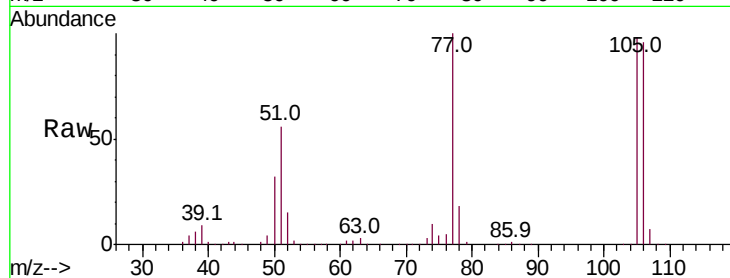
Tot Ion: 77 Resp: 333451

Ion Ratio Lower Upper

77 100

105 97.8 79.3 119.3

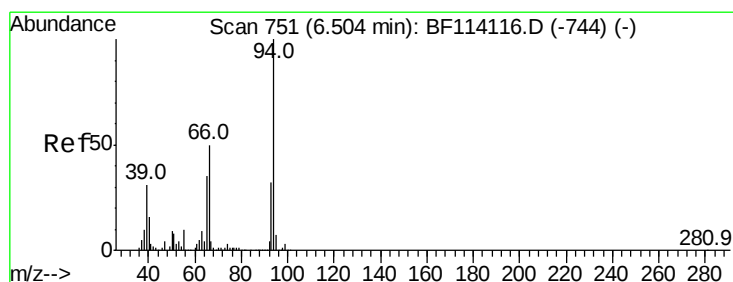
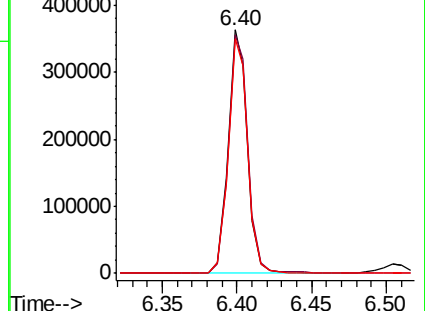
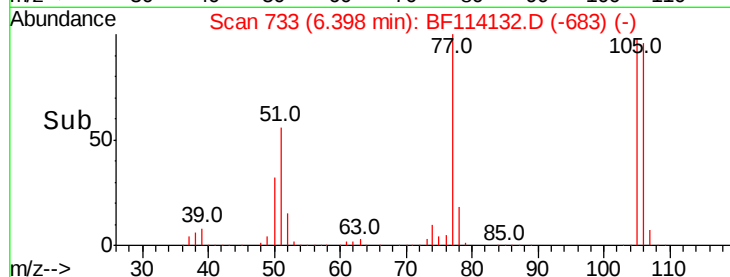
106 96.1 77.0 117.0



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: 30.397 ng

RT: 6.51 min Scan# 752

Delta R.T. 0.01 min

Lab File: BF114132.D

Acq: 10 May 2019 20:34

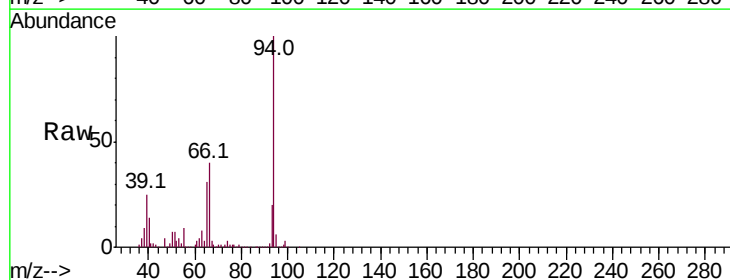
Tgt Ion: 94 Resp: 939908

Ion Ratio Lower Upper

94 100

65 30.6 14.7 54.7

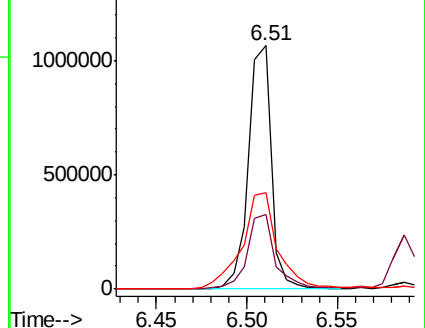
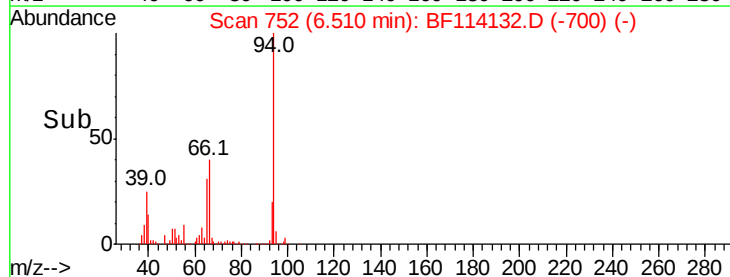
66 39.7 29.6 69.6

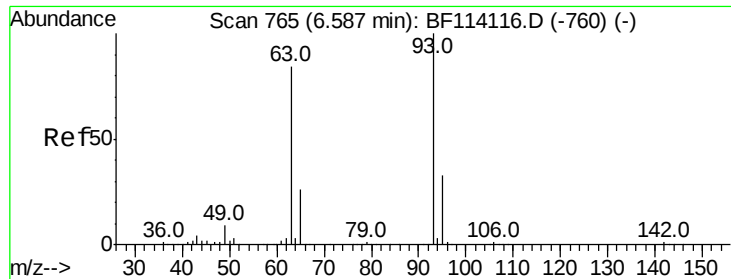


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

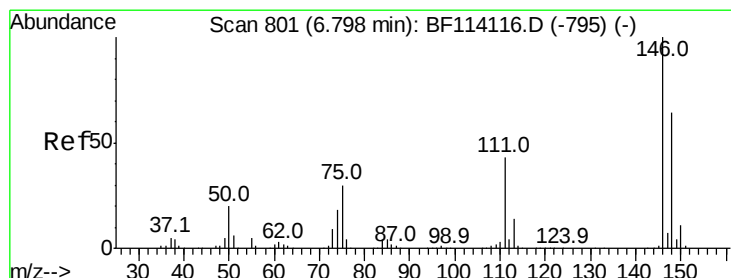
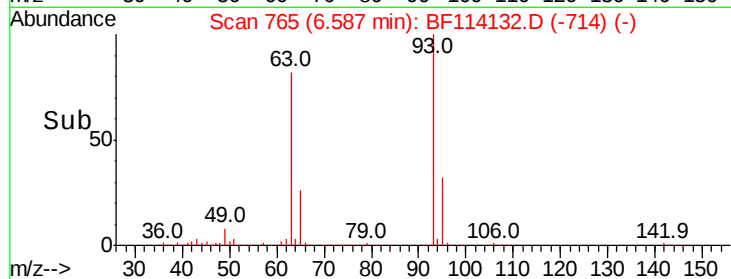
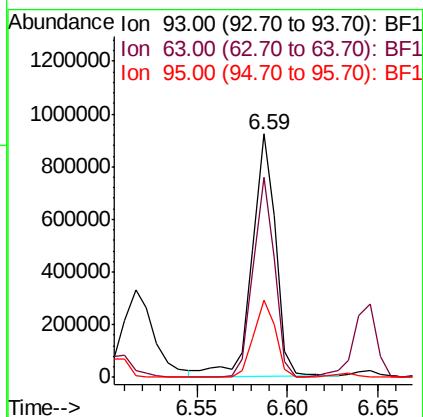
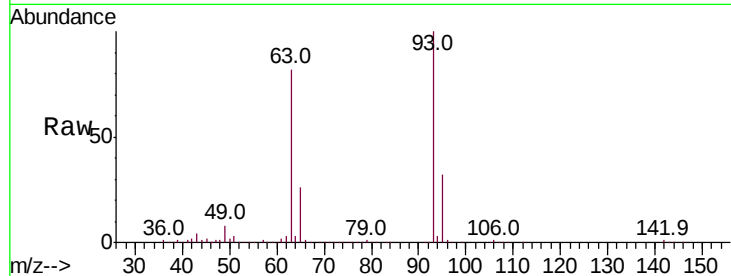




#11
bis(2-Chloroethyl)ether
Concen: 34.854 ng
RT: 6.59 min Scan# 765
Delta R.T. 0.00 min
Lab File: BF114132.D
Acq: 10 May 2019 20:34

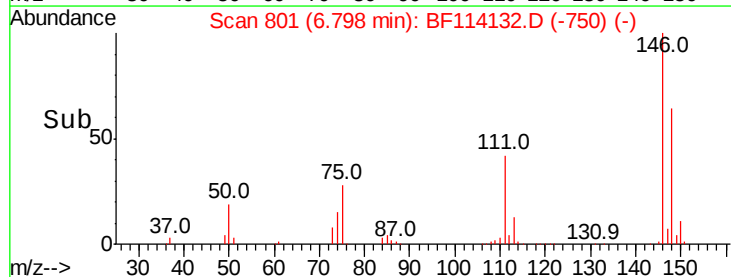
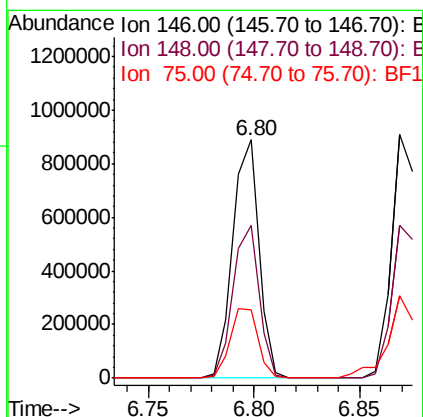
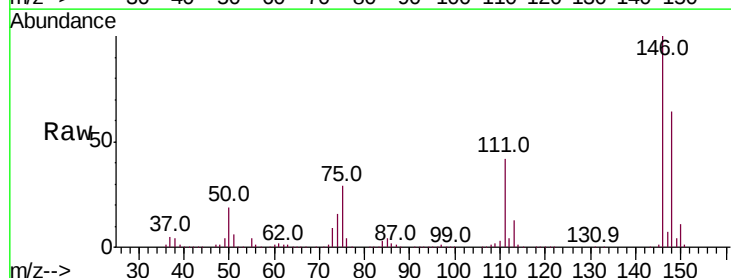
Instrument :
BNA_F
ClientSampleId :
P021-SS001-0002-01MS

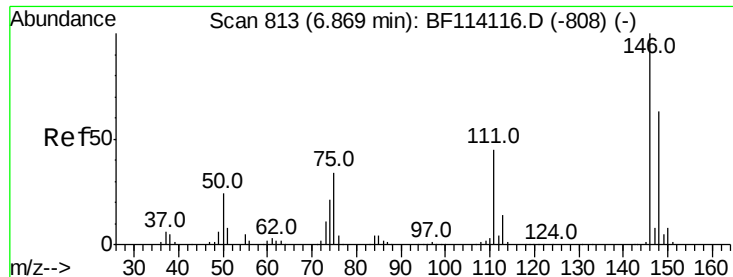
Tot Ion: 93 Resp: 818194
Ion Ratio Lower Upper
93 100
63 82.0 63.6 103.6
95 31.9 13.1 53.1



#12
1,3-Dichlorobenzene
Concen: 28.588 ng
RT: 6.80 min Scan# 801
Delta R.T. 0.00 min
Lab File: BF114132.D
Acq: 10 May 2019 20:34

Tgt Ion: 146 Resp: 761354
Ion Ratio Lower Upper
146 100
148 64.0 51.6 77.4
75 28.6 24.2 36.2

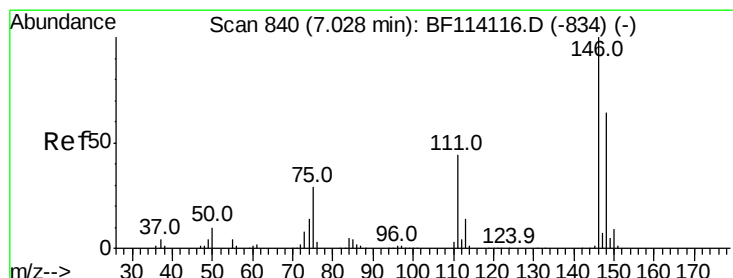
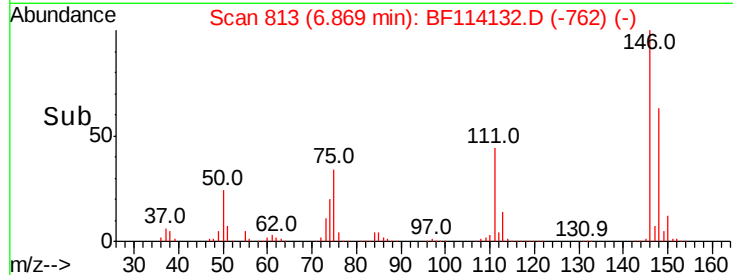
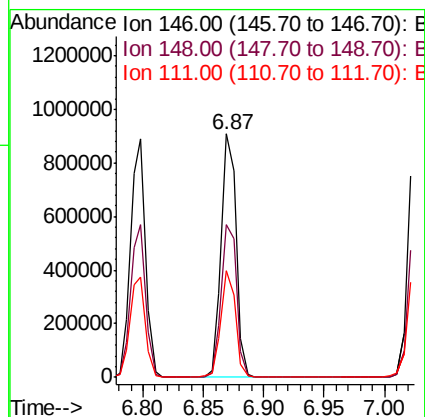
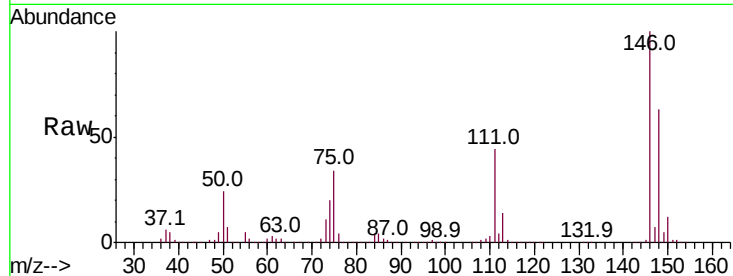




#13
 1,4-Dichlorobenzene
 Concen: 28.661 ng
 RT: 6.87 min Scan# 813
 Delta R.T. 0.00 min
 Lab File: BF114132.D
 Acq: 10 May 2019 20:34

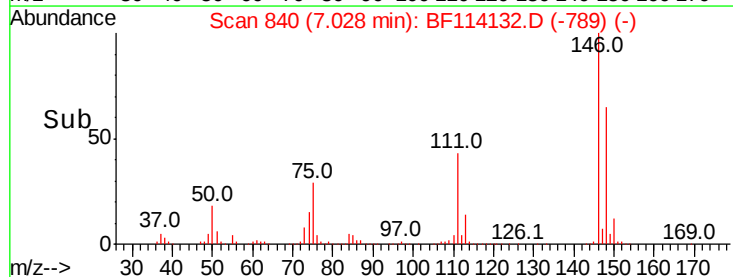
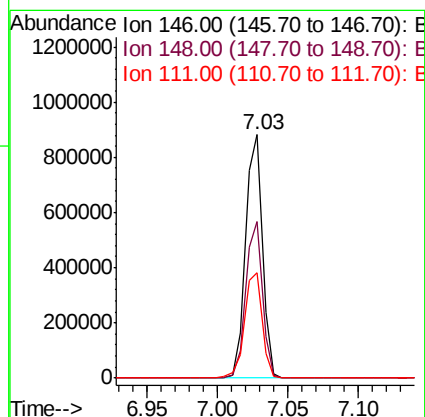
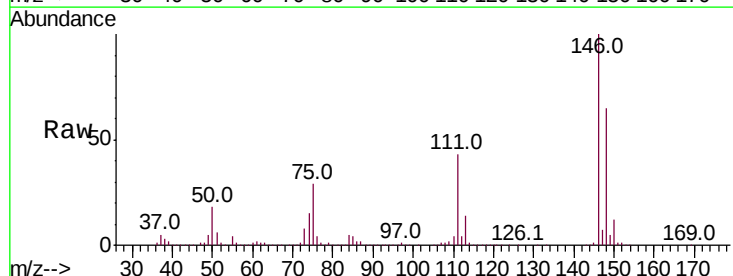
Instrument :
 BNA_F
 ClientSampleId :
 P021-SS001-0002-01MS

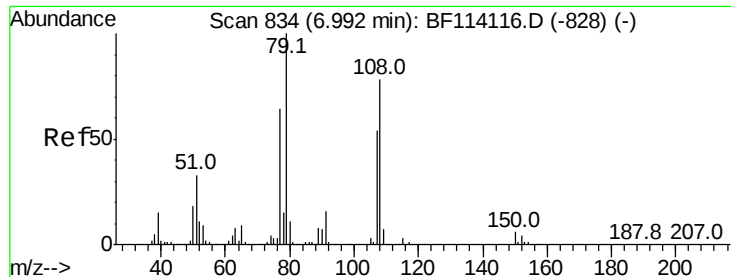
Tot Ion:146 Resp: 769150
 Ion Ratio Lower Upper
 146 100
 148 62.8 50.2 75.2
 111 43.8 35.8 53.6



#14
 1,2-Dichlorobenzene
 Concen: 29.728 ng
 RT: 7.03 min Scan# 840
 Delta R.T. 0.00 min
 Lab File: BF114132.D
 Acq: 10 May 2019 20:34

Tgt Ion:146 Resp: 728879
 Ion Ratio Lower Upper
 146 100
 148 64.6 51.1 76.7
 111 43.1 35.3 52.9





#15

Benzyl Alcohol

Concen: 32.105 ng

RT: 6.99 min Scan# 834

Delta R.T. 0.00 min

Lab File: BF114132.D

Acq: 10 May 2019 20:34

Instrument :

BNA_F

ClientSampleId :

P021-SS001-0002-01MS

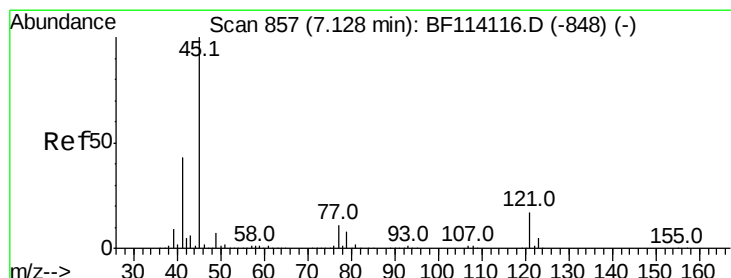
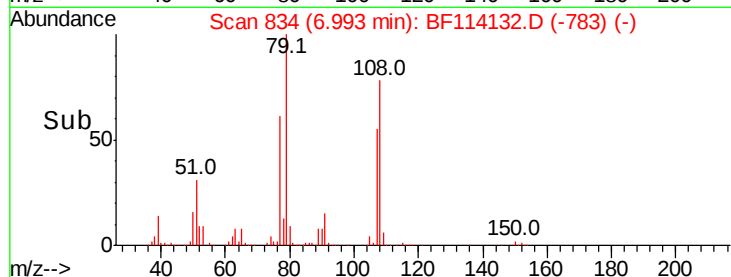
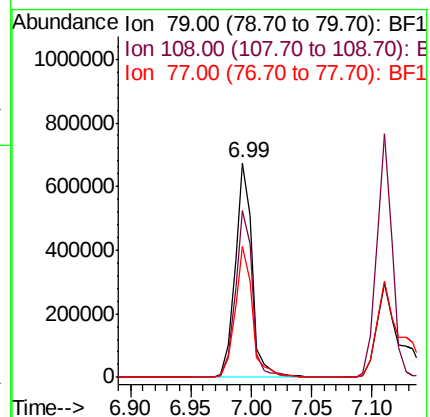
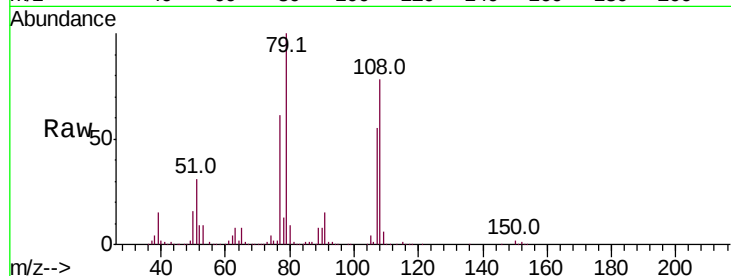
Tot Ion: 79 Resp: 658170

Ion Ratio Lower Upper

79 100

108 77.9 62.1 93.1

77 61.1 51.0 76.6



#16

2,2'-oxybis(1-chloropropane)

Concen: 29.984 ng

RT: 7.13 min Scan# 857

Delta R.T. 0.00 min

Lab File: BF114132.D

Acq: 10 May 2019 20:34

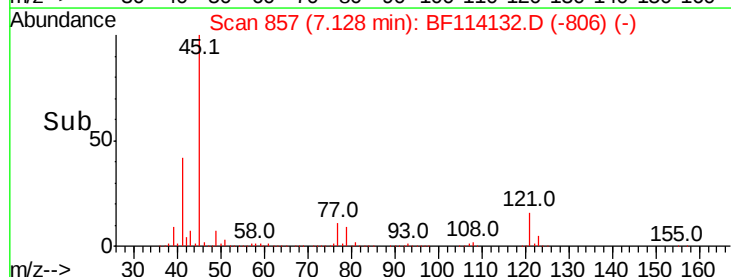
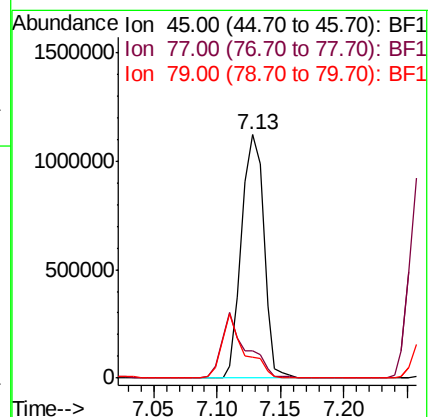
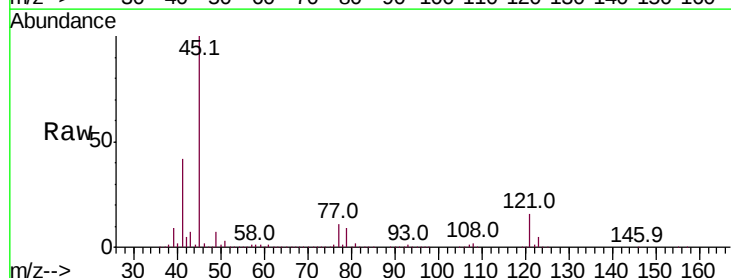
Tgt Ion: 45 Resp: 1364748

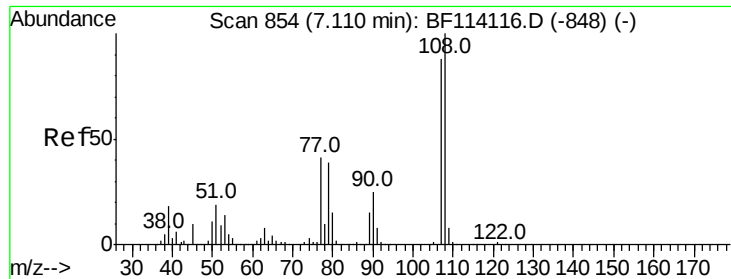
Ion Ratio Lower Upper

45 100

77 11.2 0.0 31.1

79 8.7 0.0 28.4

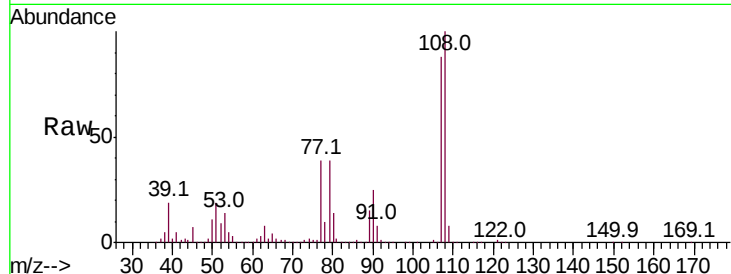




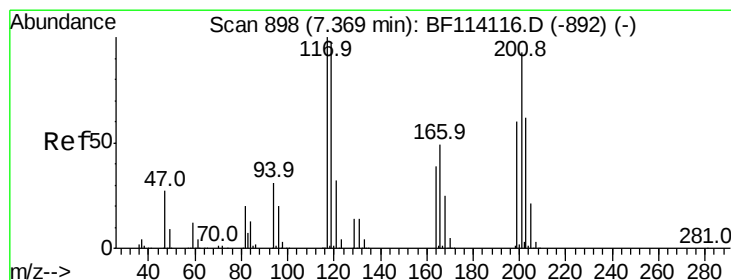
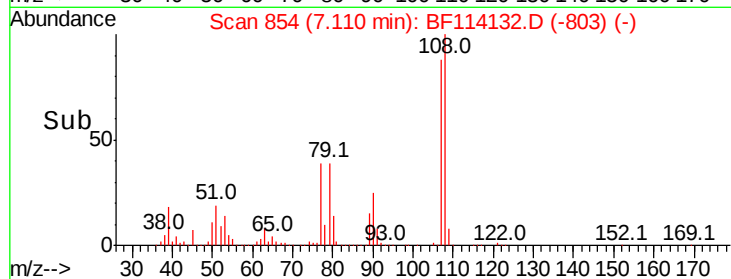
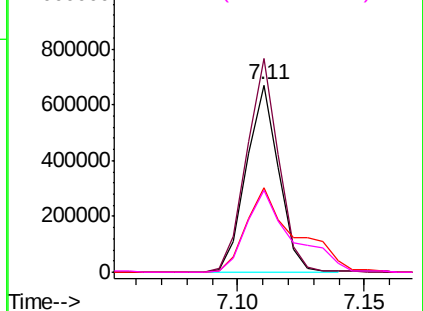
#17
2-Methylphenol
Concen: 30.743 ng
RT: 7.11 min Scan# 854
Delta R.T. 0.00 min
Lab File: BF114132.D
Acq: 10 May 2019 20:34

Instrument :
BNA_F
ClientSampleId :
P021-SS001-0002-01MS

Tot Ion:	107	Resp:	599160
Ion	Ratio	Lower	Upper
107	100		
108	114.1	90.5	135.7
77	45.1	37.0	55.4
79	44.0	35.8	53.8

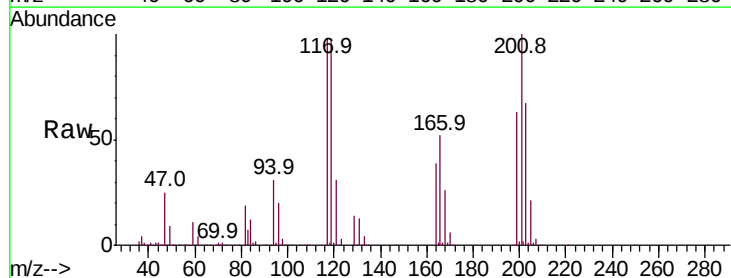


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

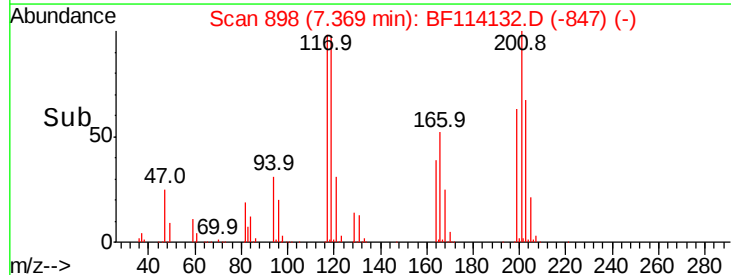
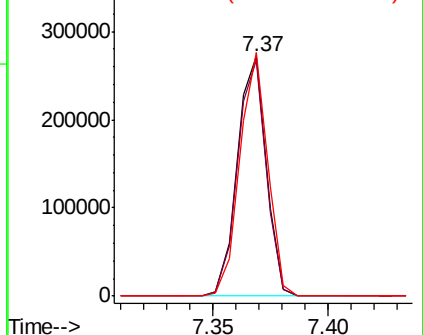


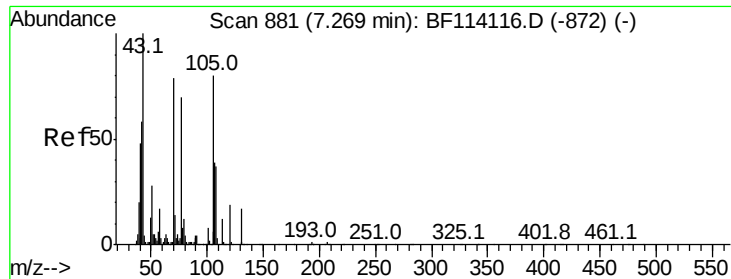
#18
Hexachloroethane
Concen: 23.566 ng
RT: 7.37 min Scan# 898
Delta R.T. 0.00 min
Lab File: BF114132.D
Acq: 10 May 2019 20:34

Tgt Ion:	117	Resp:	237390
Ion	Ratio	Lower	Upper
117	100		
119	98.2	77.4	116.2
201	101.6	74.5	111.7



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

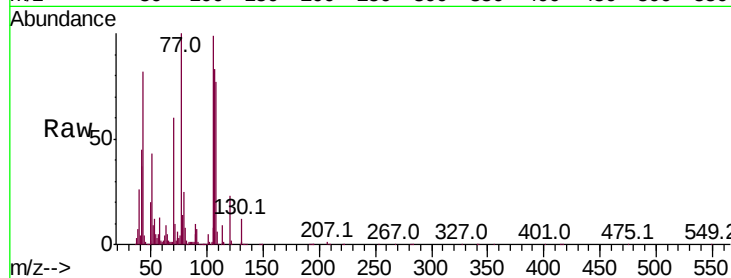




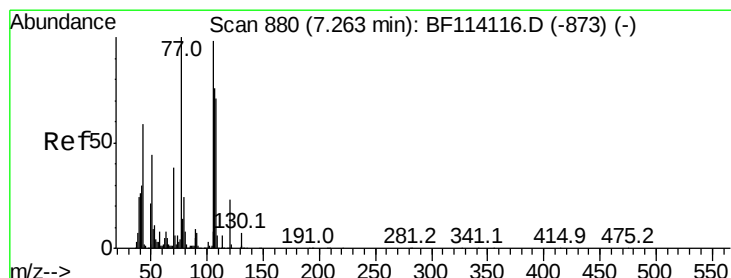
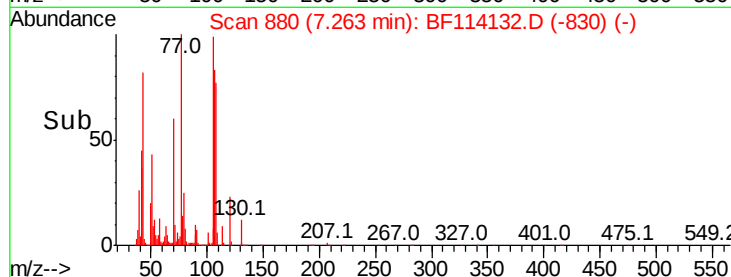
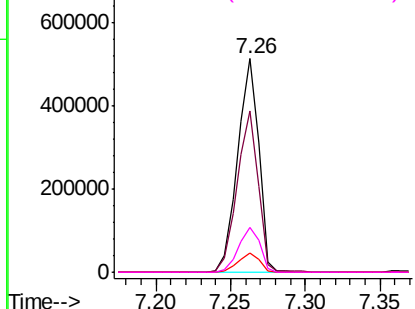
#19
n-Nitroso-di-n-propylamine
Concen: 30.340 ng
RT: 7.26 min Scan# 880
Delta R.T. -0.01 min
Lab File: BF114132.D
Acq: 10 May 2019 20:34

Instrument :
BNA_F
ClientSampleId :
P021-SS001-0002-01MS

Tot Ion: 70 Resp: 505491
Ion Ratio Lower Upper
70 100
42 75.3 58.6 87.8
101 9.2 7.8 11.8
130 20.9 17.1 25.7



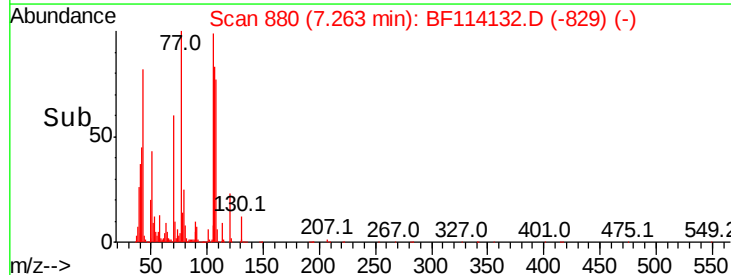
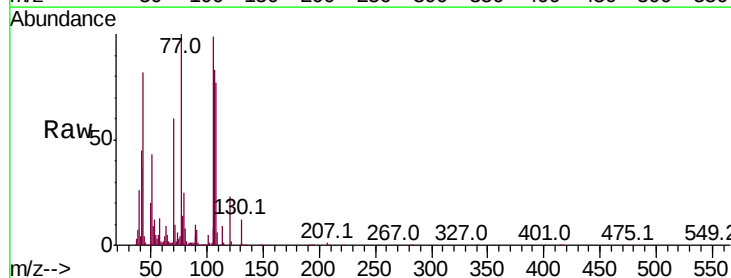
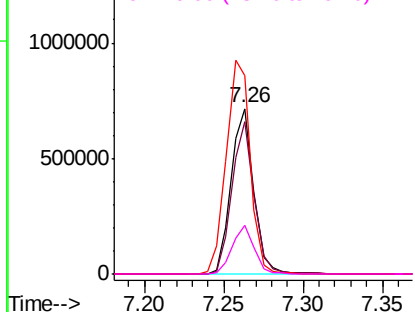
Abundance Ion 70.00 (69.70 to 70.70): BF1
800000
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

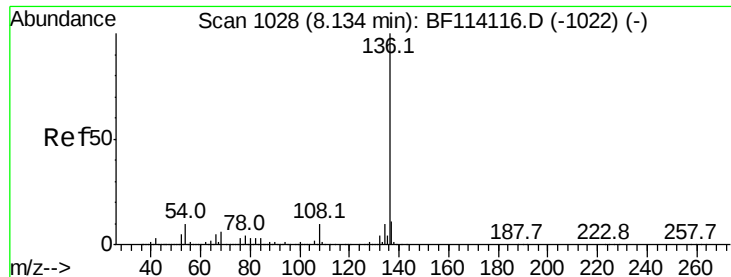


#20
3+4-Methylphenols
Concen: 31.303 ng
RT: 7.26 min Scan# 880
Delta R.T. 0.00 min
Lab File: BF114132.D
Acq: 10 May 2019 20:34

Tgt Ion:107 Resp: 704867
Ion Ratio Lower Upper
107 100
108 92.6 73.8 113.8
77 120.0 111.5 151.5
79 29.8 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

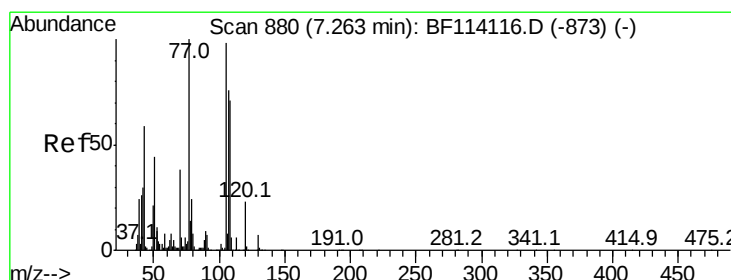
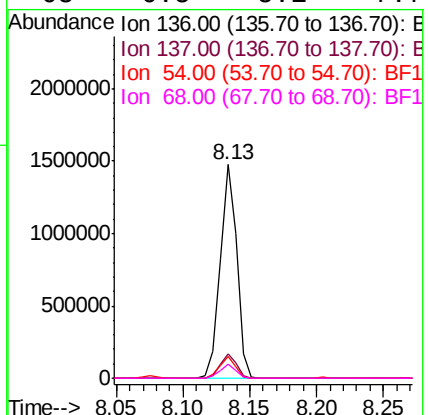
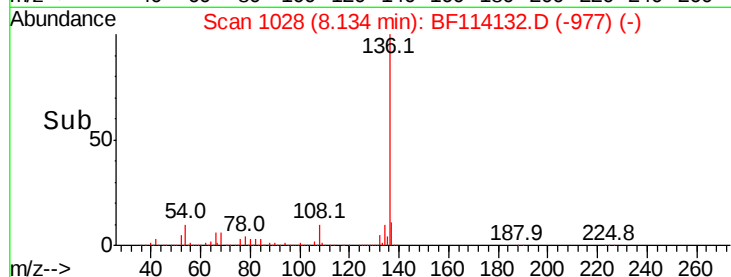
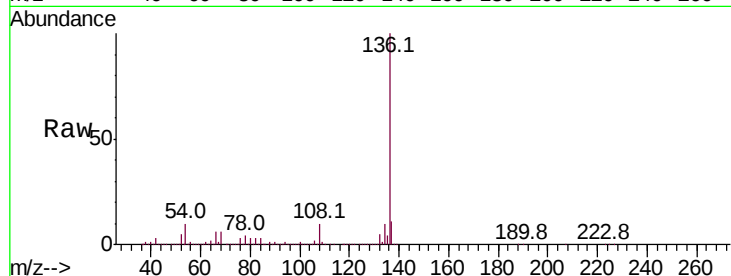




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.13 min Scan# 1028
Delta R.T. 0.00 min
Lab File: BF114132.D
Acq: 10 May 2019 20:34

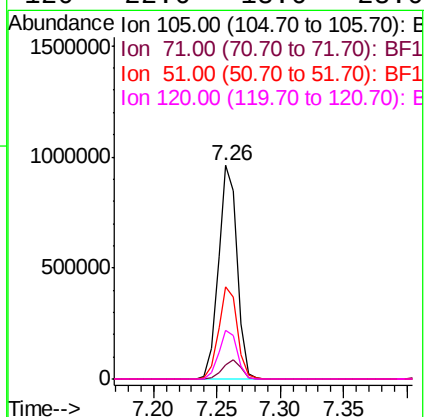
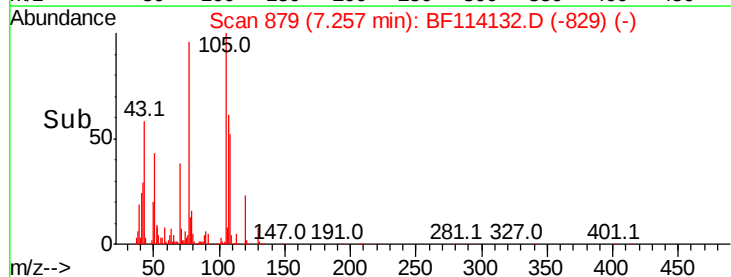
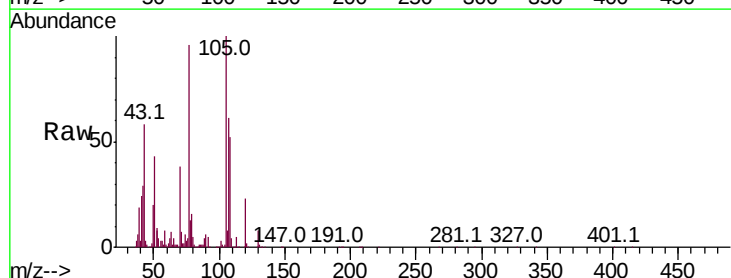
Instrument :
BNA_F
ClientSampleId :
P021-SS001-0002-01MS

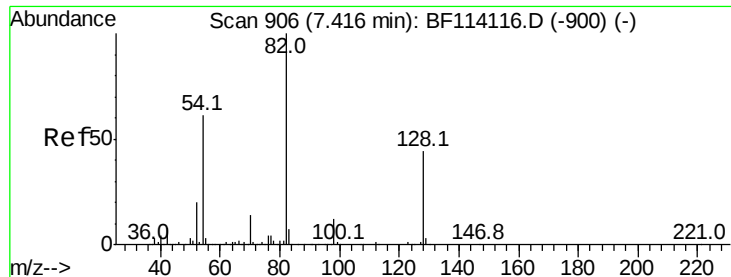
Tot Ion:136	Resp: 1304320
Ion Ratio	Lower Upper
136 100	
137 11.3	8.8 13.2
54 9.9	7.8 11.8
68 6.5	5.1 7.7



#22
Acetophenone
Concen: 34.196 ng
RT: 7.26 min Scan# 879
Delta R.T. -0.01 min
Lab File: BF114132.D
Acq: 10 May 2019 20:34

Tgt	Ion:105	Resp:	988105
Ion	Ratio	Lower	Upper
105	100		
71	6.6	5.3	7.9
51	43.4	36.2	54.4
120	22.6	18.6	28.0

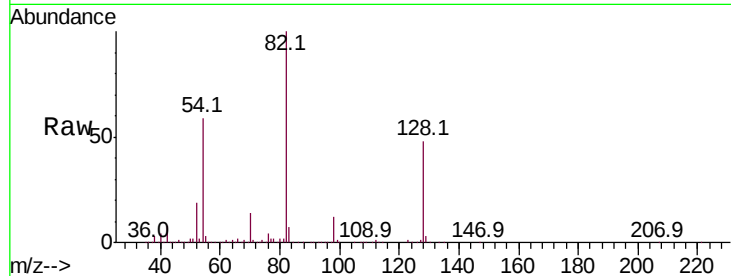




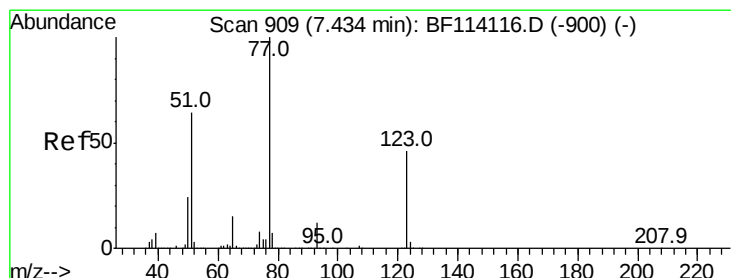
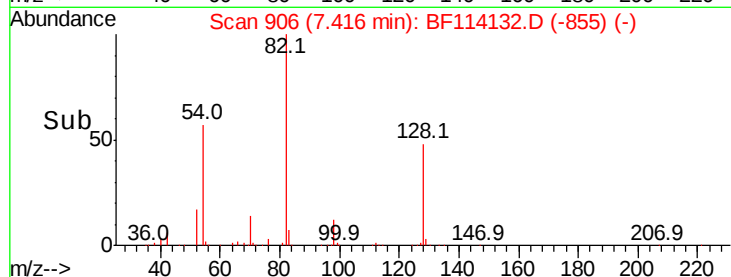
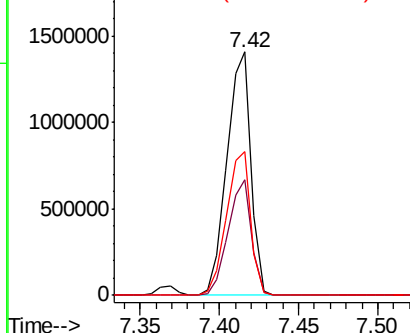
#23
Nitrobenzene-d5
Concen: 63.304 ng
RT: 7.42 min Scan# 906
Delta R.T. 0.00 min
Lab File: BF114132.D
Acq: 10 May 2019 20:34

Instrument :
BNA_F
ClientSampleId :
P021-SS001-0002-01MS

Tot Ion: 82 Resp: 1471294
Ion Ratio Lower Upper
82 100
128 47.7 35.5 53.3
54 58.9 48.5 72.7

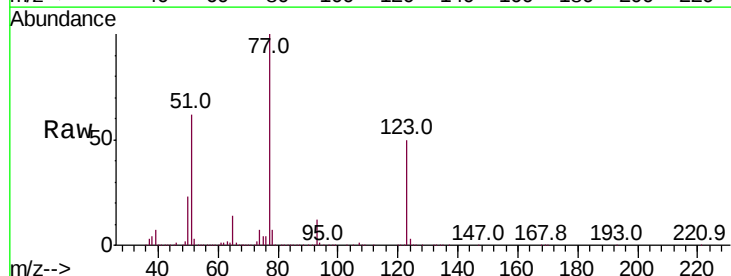


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

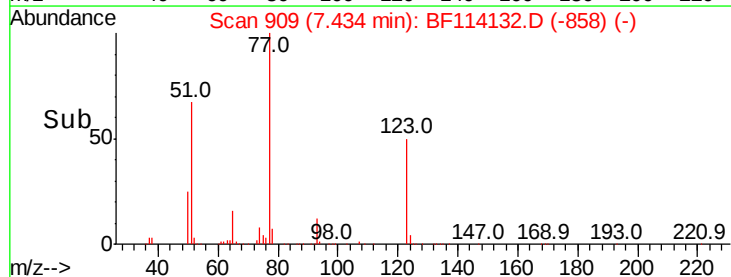
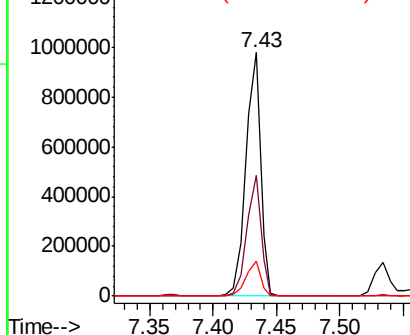


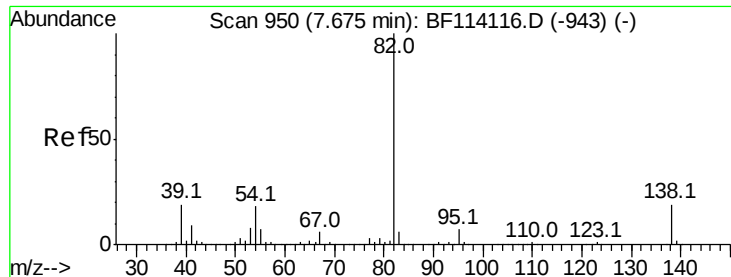
#24
Nitrobenzene
Concen: 33.260 ng
RT: 7.43 min Scan# 909
Delta R.T. 0.00 min
Lab File: BF114132.D
Acq: 10 May 2019 20:34

Tgt Ion: 77 Resp: 787329
Ion Ratio Lower Upper
77 100
123 49.8 36.9 55.3
65 14.5 11.8 17.6



Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 123.00 (122.70 to 123.70): BF1
Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 32.148 ng

RT: 7.67 min Scan# 949

Delta R.T. -0.01 min

Lab File: BF114132.D

Acq: 10 May 2019 20:34

Instrument :

BNA_F

ClientSampleId :

P021-SS001-0002-01MS

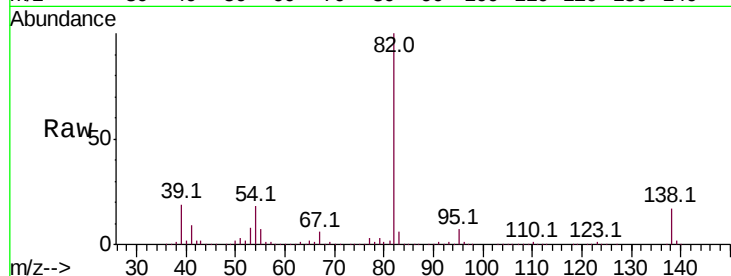
Tot Ion: 82 Resp: 1385717

Ion Ratio Lower Upper

82 100

95 6.8 5.6 8.4

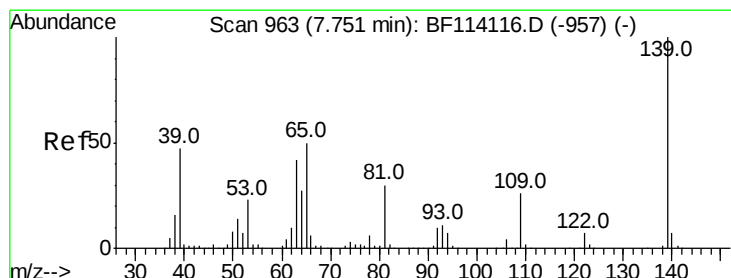
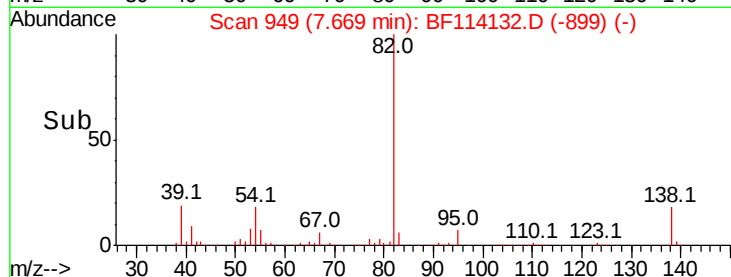
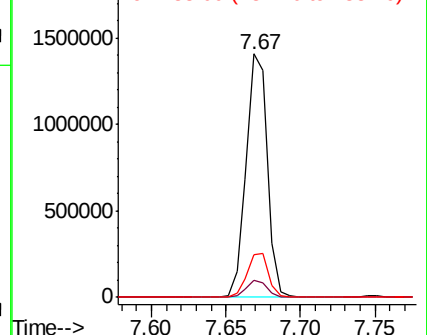
138 17.5 14.8 22.2



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: 33.469 ng

RT: 7.75 min Scan# 963

Delta R.T. 0.00 min

Lab File: BF114132.D

Acq: 10 May 2019 20:34

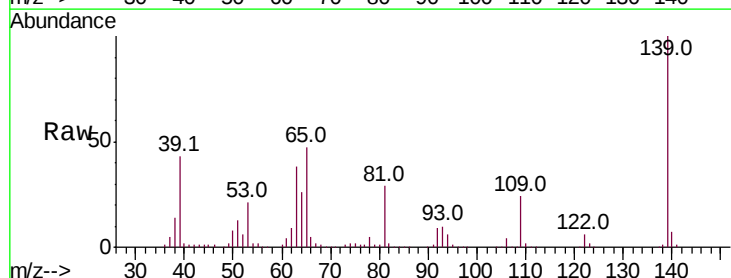
Tgt Ion:139 Resp: 384382

Ion Ratio Lower Upper

139 100

109 24.2 20.7 31.1

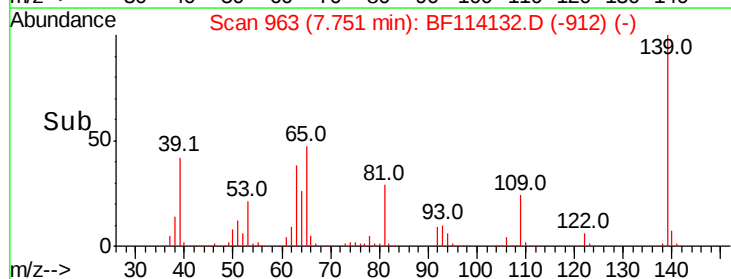
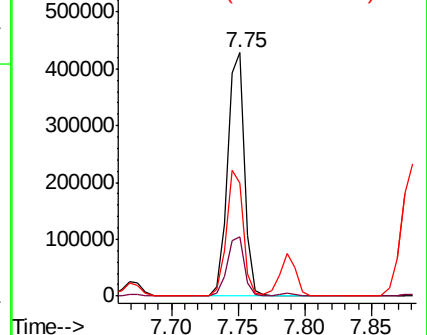
65 46.7 40.2 60.2

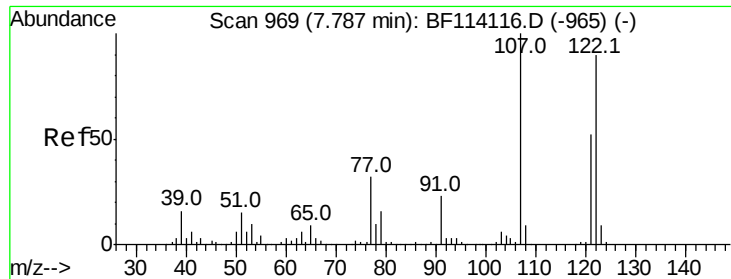


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

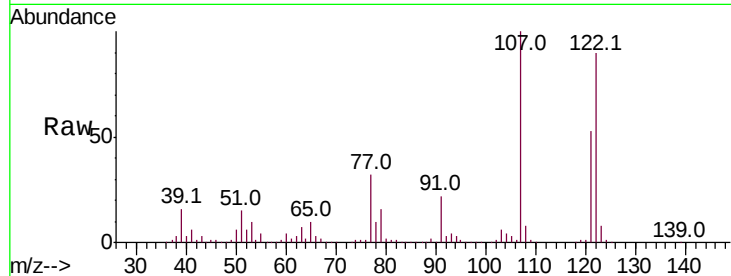




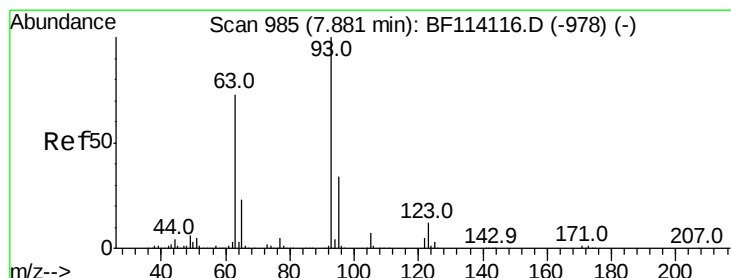
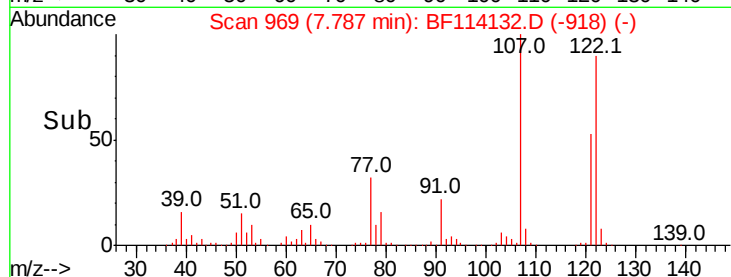
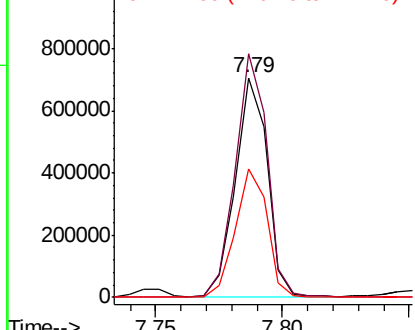
#27
2,4-Dimethylphenol
Concen: 34.420 ng
RT: 7.79 min Scan# 969
Delta R.T. 0.00 min
Lab File: BF114132.D
Acq: 10 May 2019 20:34

Instrument :
BNA_F
ClientSampleId :
P021-SS001-0002-01MS

Tot Ion:122 Resp: 620849
Ion Ratio Lower Upper
122 100
107 110.8 88.4 132.6
121 58.5 45.9 68.9

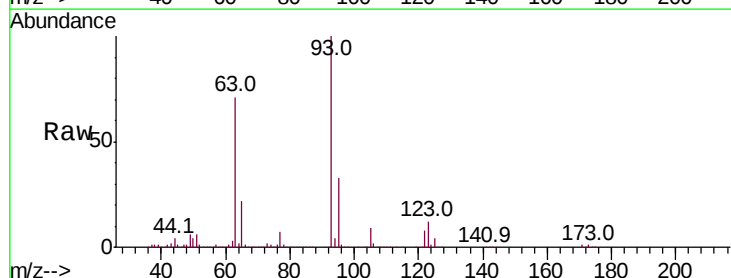


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

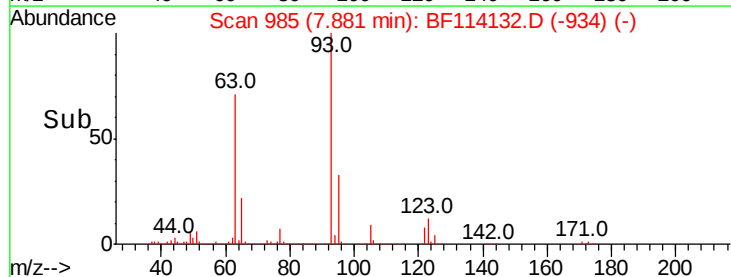
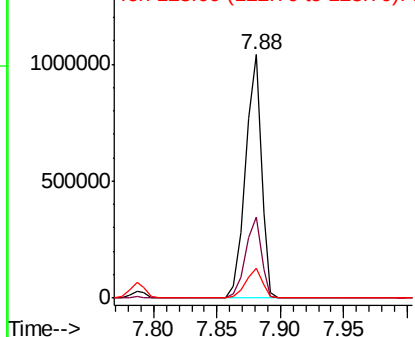


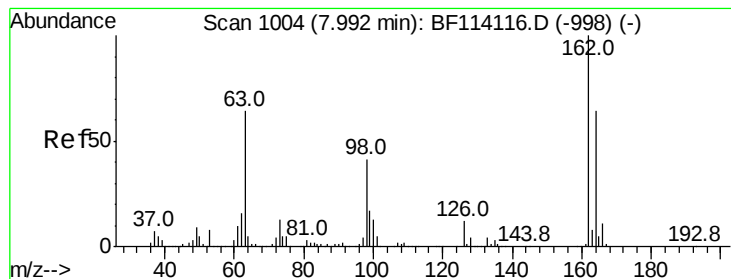
#28
bis(2-Chloroethoxy)methane
Concen: 32.016 ng
RT: 7.88 min Scan# 985
Delta R.T. 0.00 min
Lab File: BF114132.D
Acq: 10 May 2019 20:34

Tgt Ion: 93 Resp: 895410
Ion Ratio Lower Upper
93 100
95 33.1 26.8 40.2
123 12.1 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: 31.816 ng

RT: 7.99 min Scan# 1004

Delta R.T. 0.00 min

Lab File: BF114132.D

Acq: 10 May 2019 20:34

Instrument :

BNA_F

ClientSampleId :

P021-SS001-0002-01MS

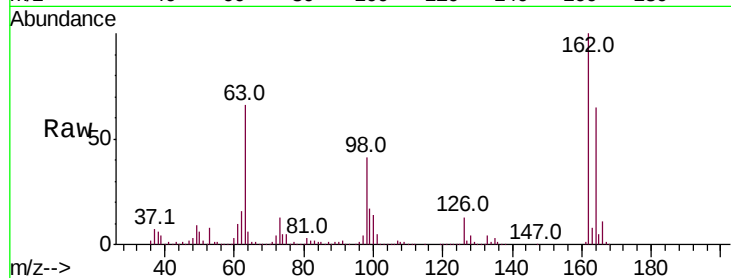
Tot Ion:162 Resp: 571450

Ion Ratio Lower Upper

162 100

164 65.4 43.6 83.6

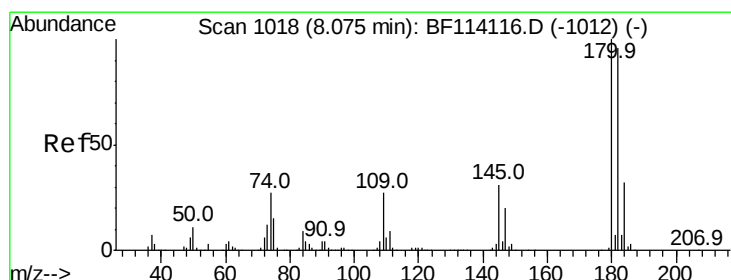
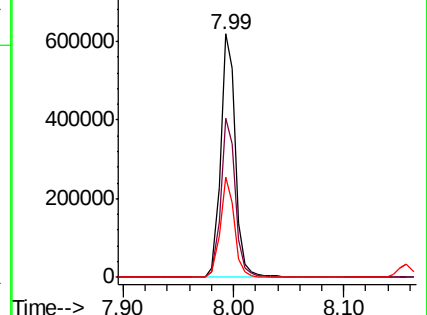
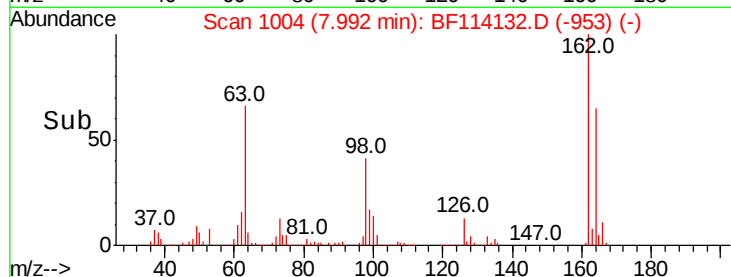
98 41.0 20.6 60.6



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: 30.466 ng

RT: 8.07 min Scan# 1018

Delta R.T. 0.00 min

Lab File: BF114132.D

Acq: 10 May 2019 20:34

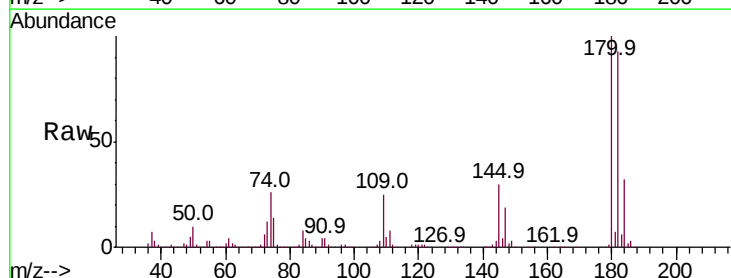
Tgt Ion:180 Resp: 622240

Ion Ratio Lower Upper

180 100

182 93.4 76.6 114.8

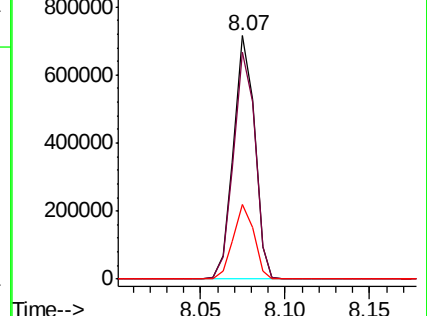
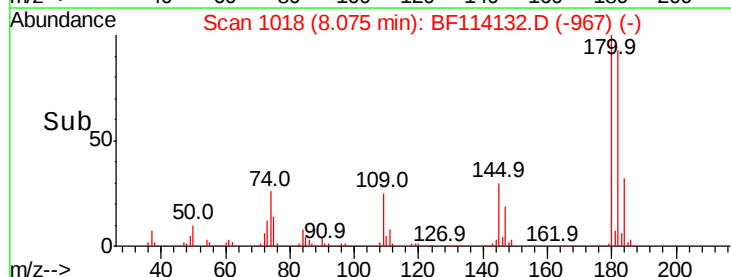
145 30.4 25.1 37.7

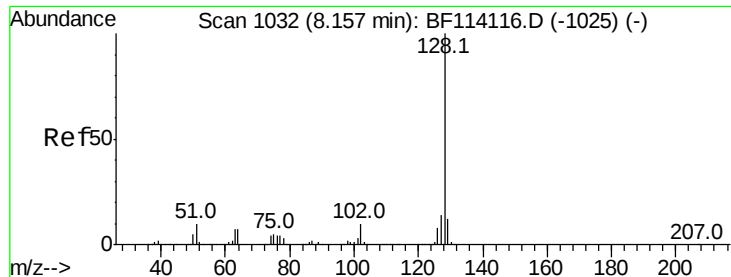


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

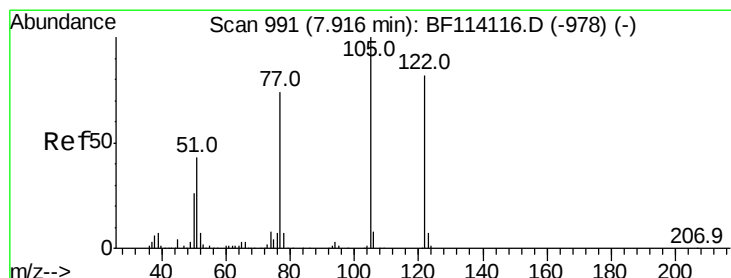
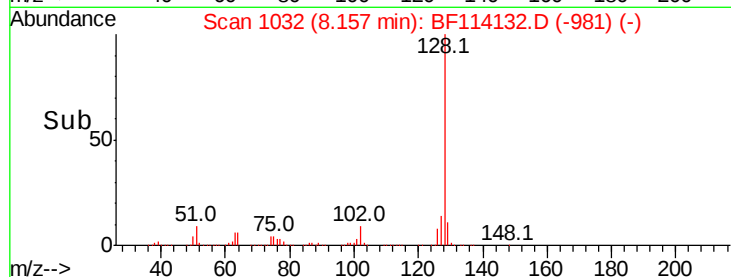
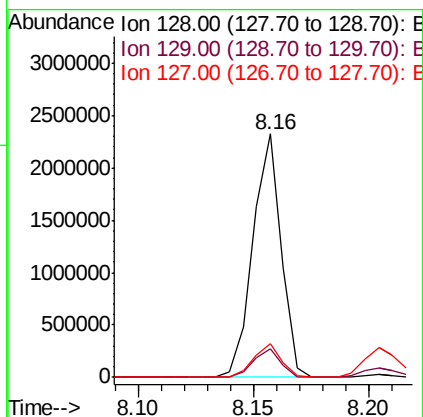
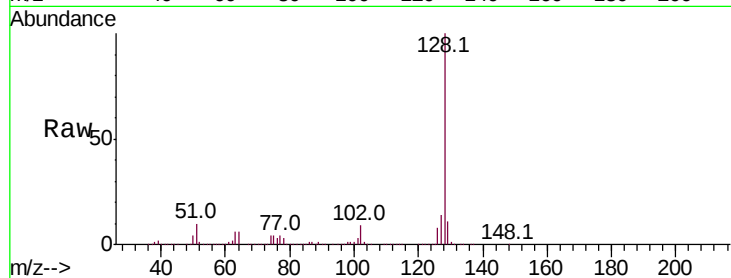




#31
Naphthalene
Concen: 32.676 ng
RT: 8.16 min Scan# 1032
Delta R.T. 0.00 min
Lab File: BF114132.D
Acq: 10 May 2019 20:34

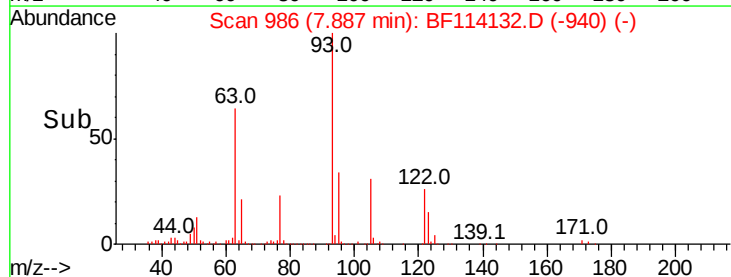
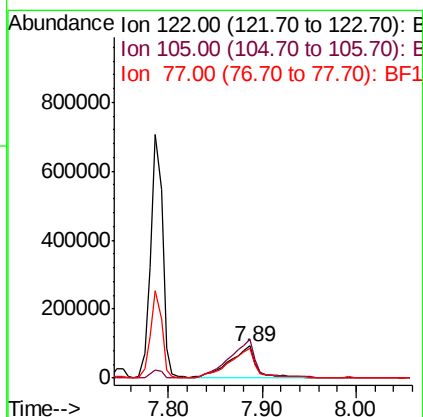
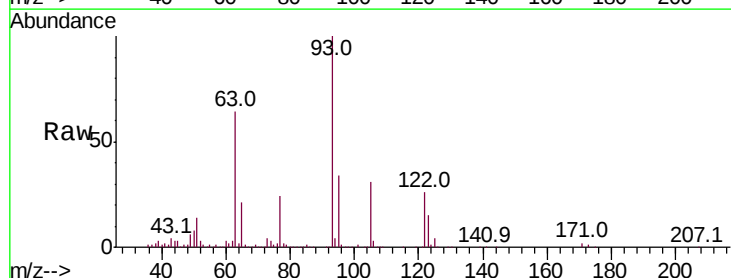
Instrument :
BNA_F
ClientSampleId :
P021-SS001-0002-01MS

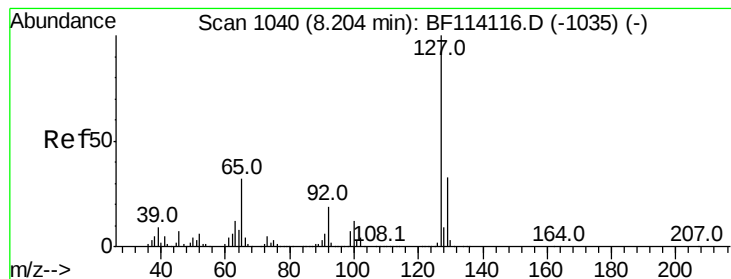
Tot Ion:128 Resp: 1990845
Ion Ratio Lower Upper
128 100
129 11.5 9.6 14.4
127 14.0 11.3 16.9



#32
Benzoic acid
Concen: 19.279 ng
RT: 7.89 min Scan# 986
Delta R.T. -0.03 min
Lab File: BF114132.D
Acq: 10 May 2019 20:34

Tgt Ion:122 Resp: 184677
Ion Ratio Lower Upper
122 100
105 119.8 99.9 139.9
77 91.7 69.4 109.4





#33

4-Chloroaniline

Concen: 12.225 ng

RT: 8.20 min Scan# 1040

Delta R.T. 0.00 min

Lab File: BF114132.D

Acq: 10 May 2019 20:34

Instrument :

BNA_F

ClientSampleId :

P021-SS001-0002-01MS

Tot Ion:127 Resp: 339428

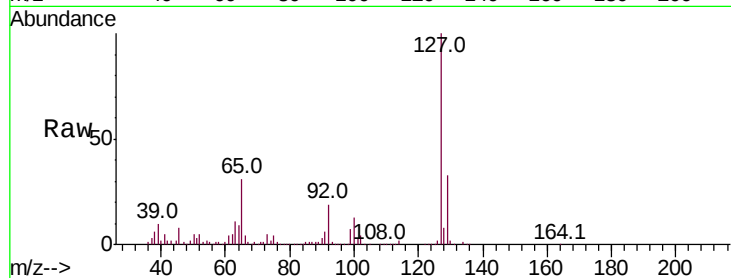
Ion Ratio Lower Upper

127 100

129 32.8 26.7 40.1

65 30.6 25.4 38.0

92 19.2 15.4 23.2

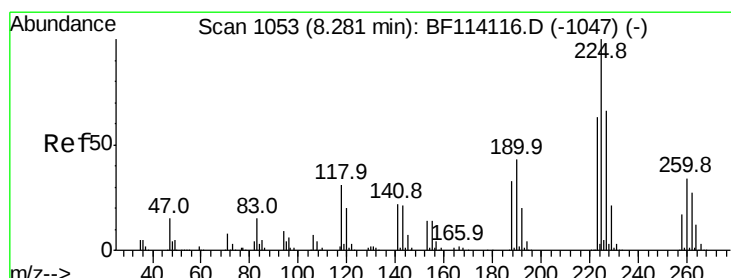
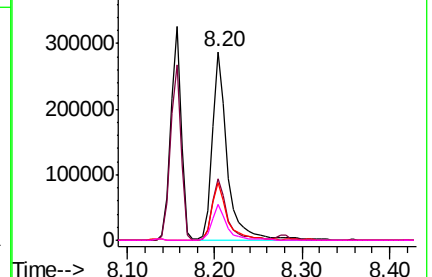
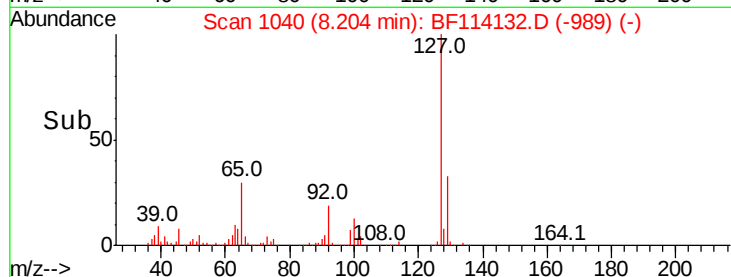


Abundance Ion 127.00 (126.70 to 127.70): E

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: 28.610 ng

RT: 8.27 min Scan# 1052

Delta R.T. -0.01 min

Lab File: BF114132.D

Acq: 10 May 2019 20:34

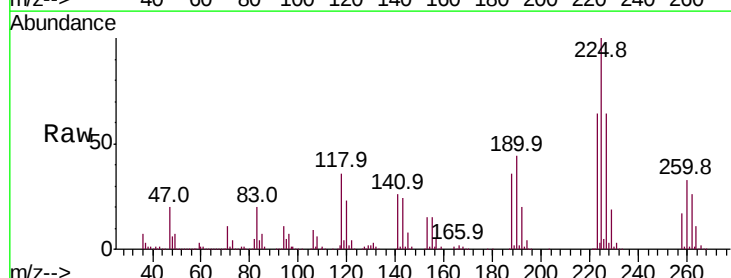
Tgt Ion:225 Resp: 332477

Ion Ratio Lower Upper

225 100

223 64.1 50.2 75.2

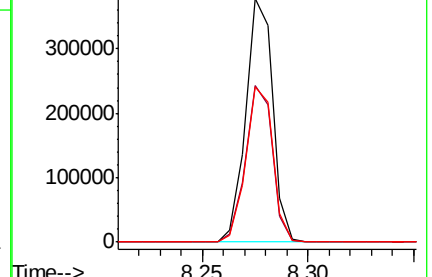
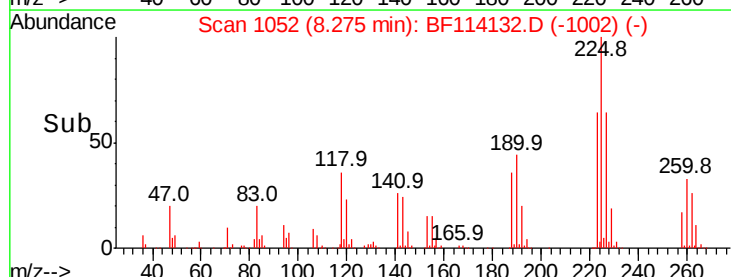
227 63.9 52.6 79.0

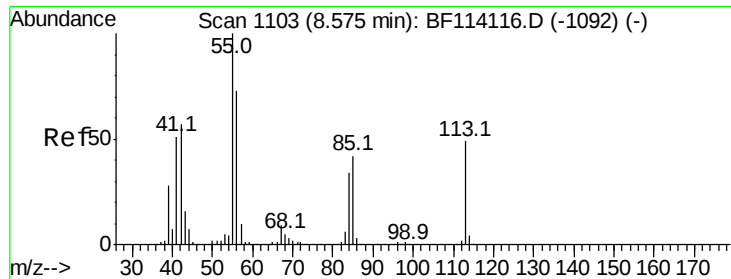


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

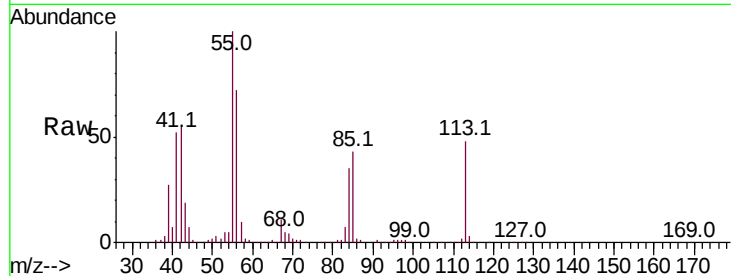




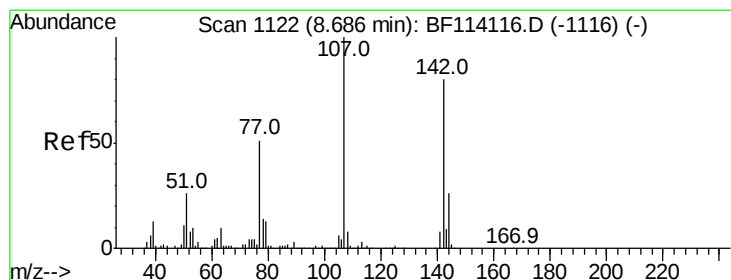
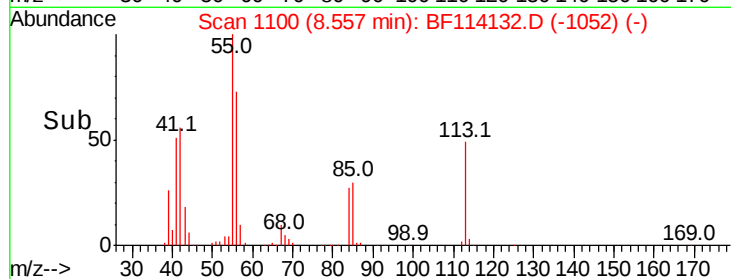
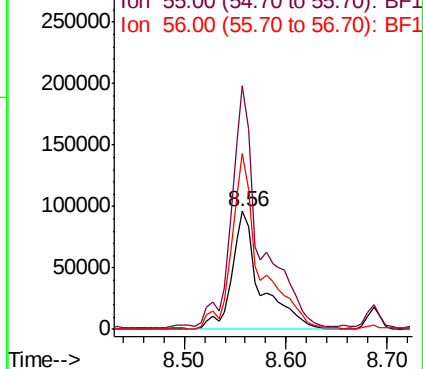
#35
 Caprolactam
 Concen: 32.504 ng
 RT: 8.56 min Scan# 1100
 Delta R.T. -0.02 min
 Lab File: BF114132.D
 Acq: 10 May 2019 20:34

Instrument :
 BNA_F
 ClientSampleId :
 P021-SS001-0002-01MS

Tot Ion:113 Resp: 190365
 Ion Ratio Lower Upper
 113 100
 55 206.4 183.5 223.5
 56 149.5 128.8 168.8

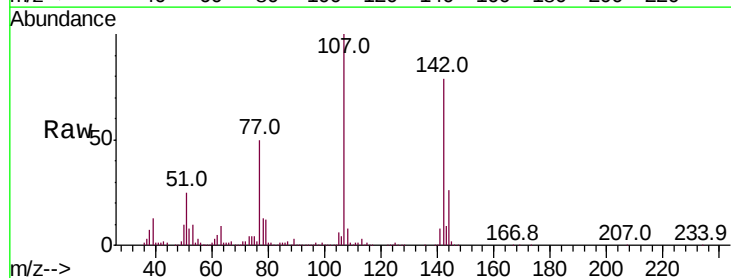


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

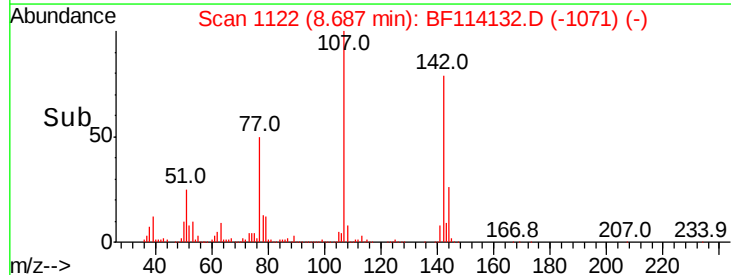
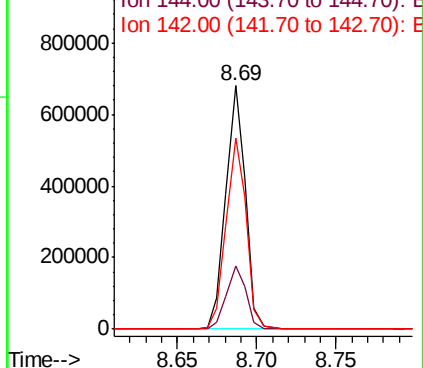


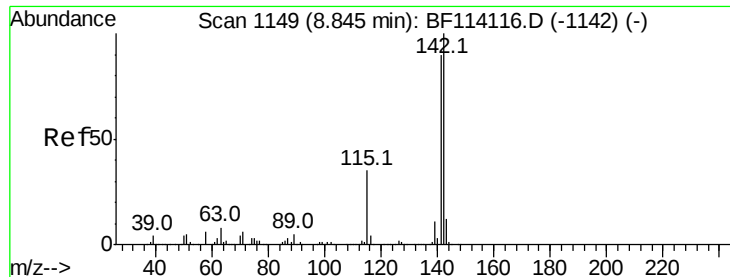
#36
 4-Chloro-3-methylphenol
 Concen: 32.431 ng
 RT: 8.69 min Scan# 1122
 Delta R.T. 0.00 min
 Lab File: BF114132.D
 Acq: 10 May 2019 20:34

Tgt Ion:107 Resp: 586333
 Ion Ratio Lower Upper
 107 100
 144 25.8 20.4 30.6
 142 78.6 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: 32.872 ng

RT: 8.85 min Scan# 1149

Delta R.T. 0.00 min

Lab File: BF114132.D

Acq: 10 May 2019 20:34

Instrument :

BNA_F

ClientSampleId :

P021-SS001-0002-01MS

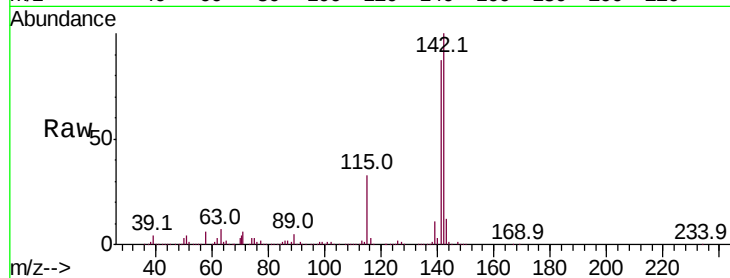
Tot Ion:142 Resp: 1292184

Ion Ratio Lower Upper

142 100

141 87.4 72.1 108.1

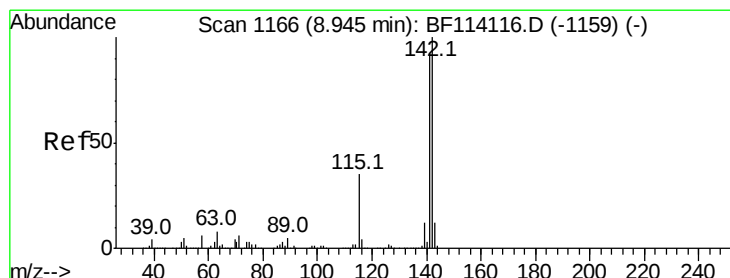
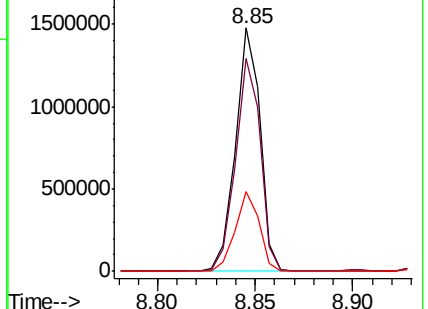
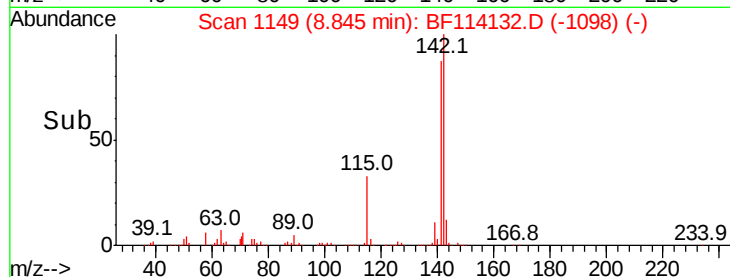
115 32.5 28.0 42.0



Abundance Ion 142.00 (141.70 to 142.70): E

2000000 Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 32.649 ng

RT: 8.95 min Scan# 1166

Delta R.T. 0.00 min

Lab File: BF114132.D

Acq: 10 May 2019 20:34

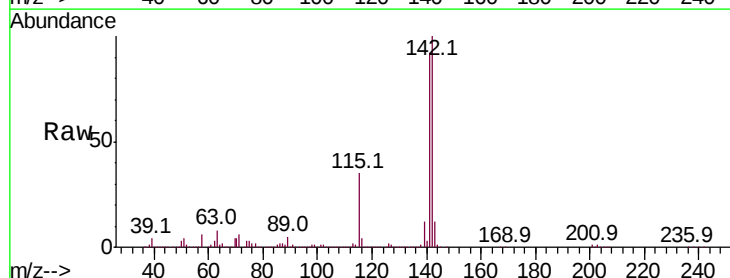
Tgt Ion:142 Resp: 1208607

Ion Ratio Lower Upper

142 100

141 92.2 73.4 110.0

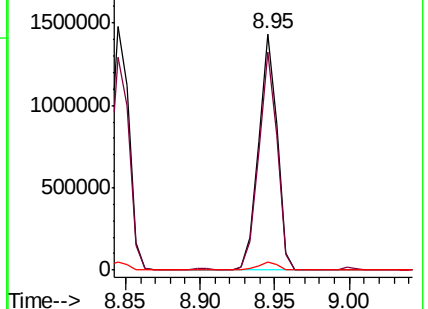
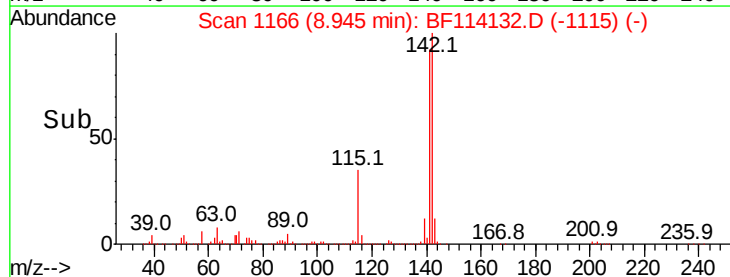
116 3.6 3.1 4.7

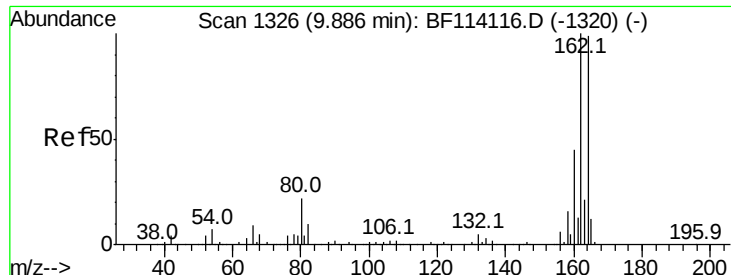


Abundance Ion 142.00 (141.70 to 142.70): E

2000000 Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E

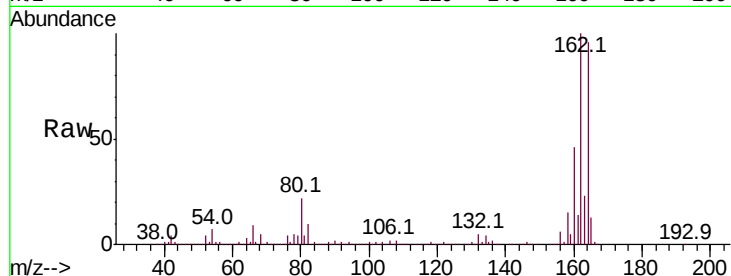




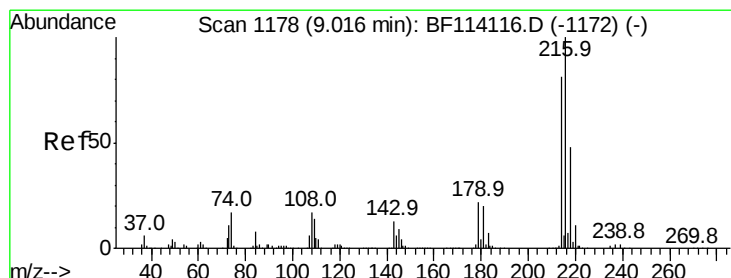
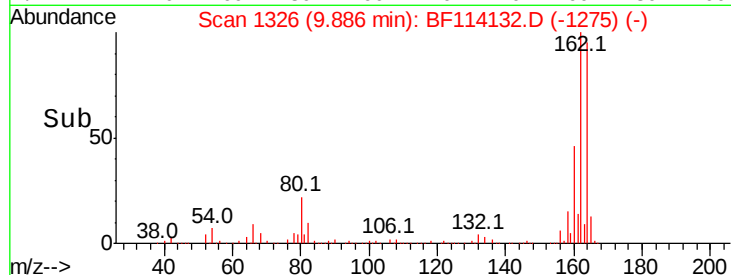
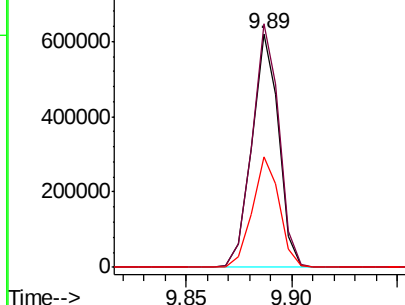
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.89 min Scan# 1326
Delta R.T. 0.00 min
Lab File: BF114132.D
Acq: 10 May 2019 20:34

Instrument :
BNA_F
ClientSampleId :
P021-SS001-0002-01MS

Tot Ion:164 Resp: 547755
Ion Ratio Lower Upper
164 100
162 104.0 80.6 120.8
160 47.4 36.5 54.7

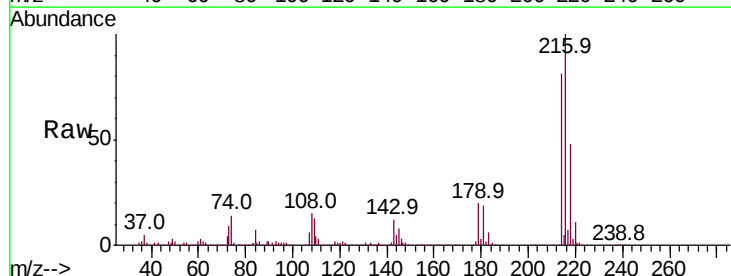


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

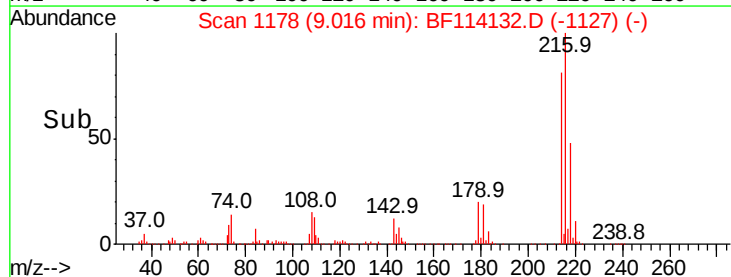
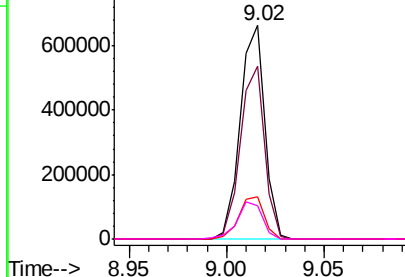


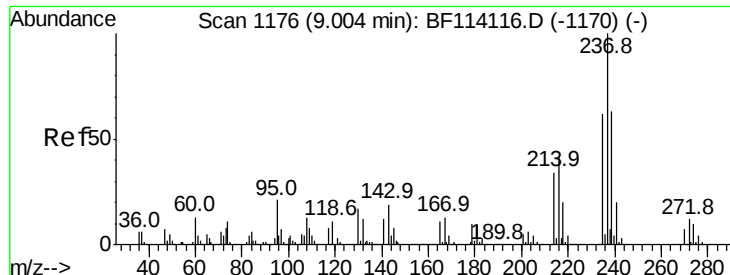
#40
1,2,4,5-Tetrachlorobenzene
Concen: 34.889 ng
RT: 9.02 min Scan# 1178
Delta R.T. 0.00 min
Lab File: BF114132.D
Acq: 10 May 2019 20:34

Tgt Ion:216 Resp: 578905
Ion Ratio Lower Upper
216 100
214 79.7 63.9 95.9
179 20.7 17.0 25.6
108 17.9 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: 16.951 ng

RT: 9.00 min Scan# 1176

Delta R.T. 0.00 min

Lab File: BF114132.D

Acq: 10 May 2019 20:34

Instrument :

BNA_F

ClientSampleId :

P021-SS001-0002-01MS

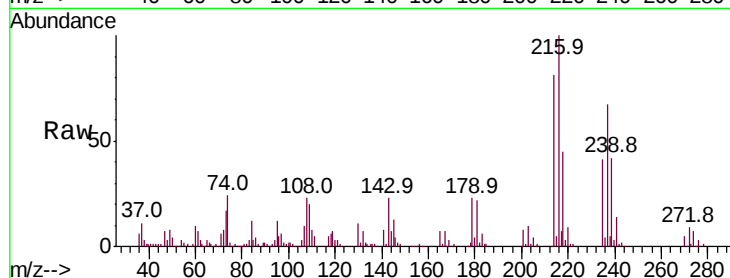
Tot Ion:237 Resp: 103185

Ion Ratio Lower Upper

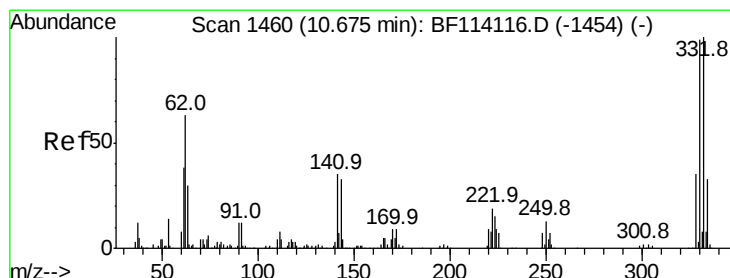
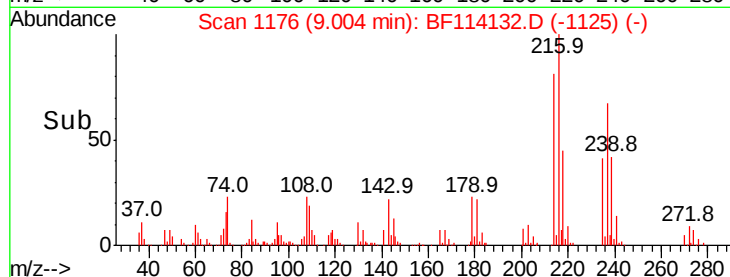
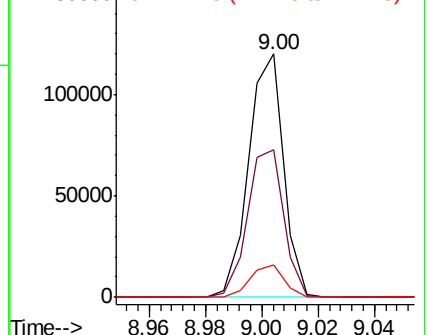
237 100

235 60.6 42.0 82.0

272 13.5 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: 90.855 ng

RT: 10.67 min Scan# 1460

Delta R.T. 0.00 min

Lab File: BF114132.D

Acq: 10 May 2019 20:34

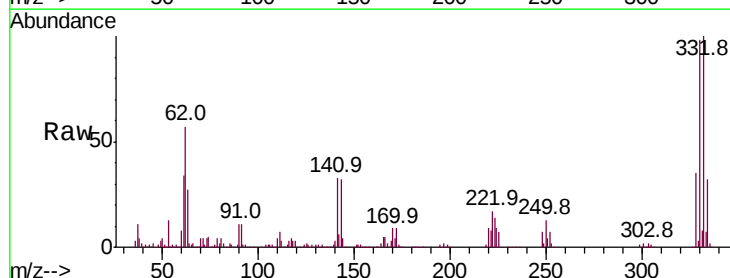
Tgt Ion:330 Resp: 514497

Ion Ratio Lower Upper

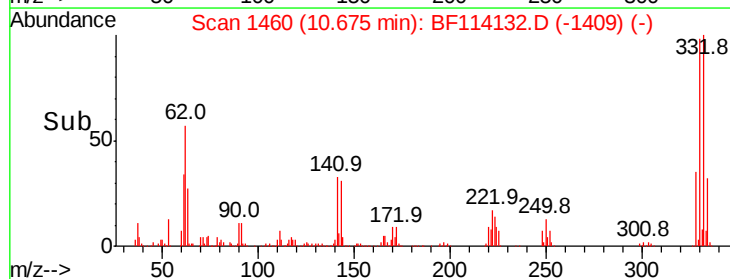
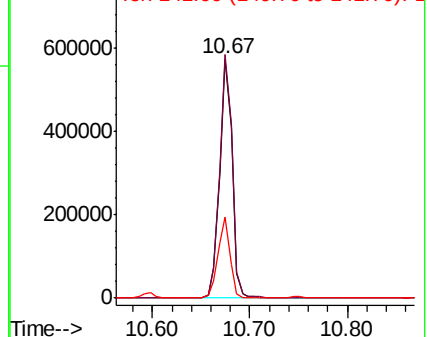
330 100

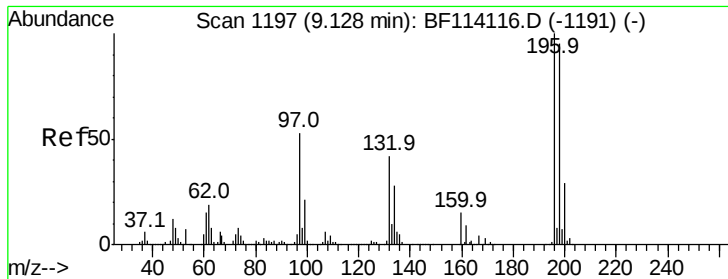
332 101.8 81.4 122.2

141 32.1 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

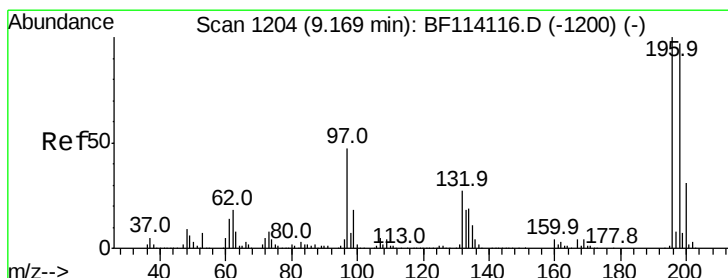
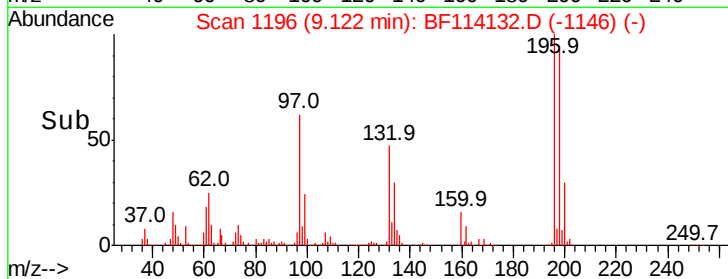
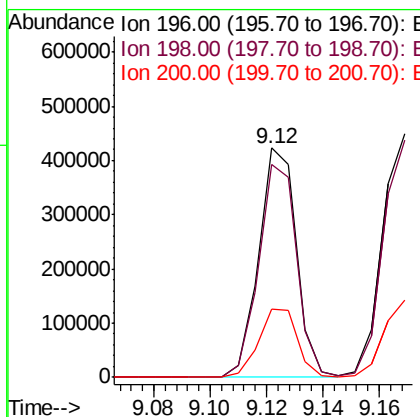
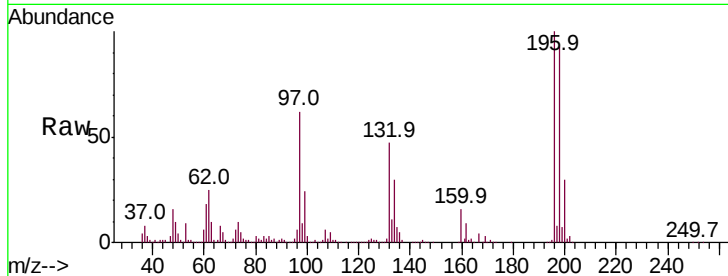




#43
 2,4,6-Trichlorophenol
 Concen: 34.322 ng
 RT: 9.12 min Scan# 1196
 Delta R.T. -0.01 min
 Lab File: BF114132.D
 Acq: 10 May 2019 20:34

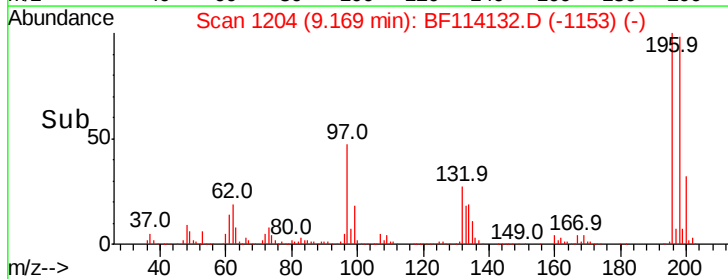
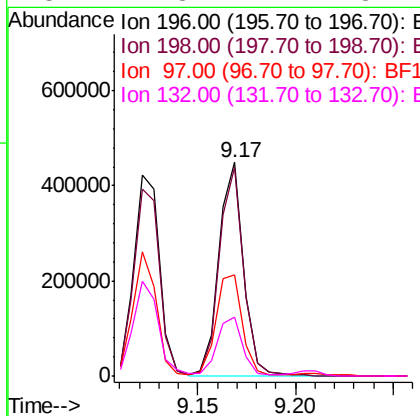
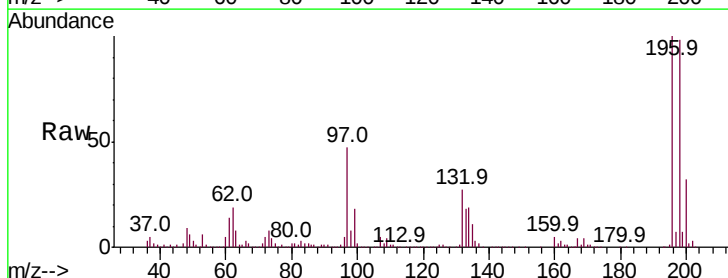
Instrument :
 BNA_F
 ClientSampleId :
 P021-SS001-0002-01MS

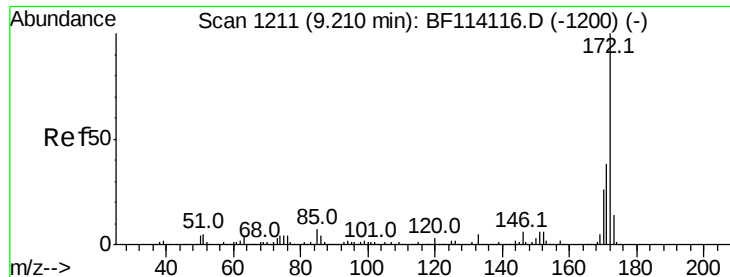
Tot	Ion:196	Resp:	391714
Ion	Ratio	Lower	Upper
196	100		
198	93.0	75.9	113.9
200	29.7	23.5	35.3



#44
 2,4,5-Trichlorophenol
 Concen: 33.477 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. 0.00 min
 Lab File: BF114132.D
 Acq: 10 May 2019 20:34

Tgt	Ion:196	Resp:	391831
Ion	Ratio	Lower	Upper
196	100		
198	97.5	77.7	116.5
97	47.3	38.2	57.2
132	27.3	21.4	32.2

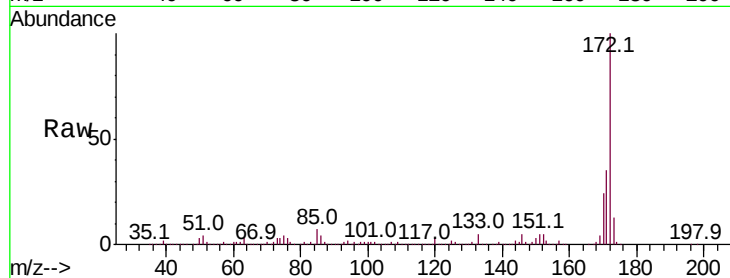




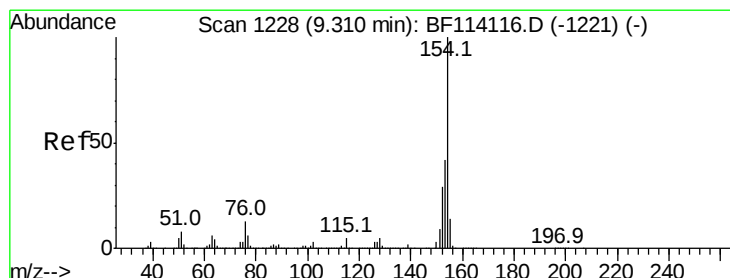
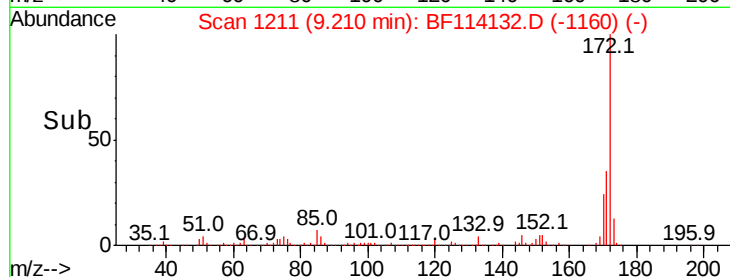
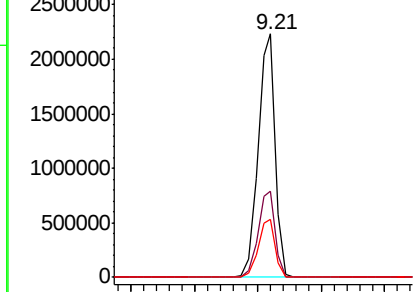
#45
2-Fluorobiphenyl
Concen: 58.122 ng
RT: 9.21 min Scan# 1211
Delta R.T. 0.00 min
Lab File: BF114132.D
Acq: 10 May 2019 20:34

Instrument :
BNA_F
ClientSampleId :
P021-SS001-0002-01MS

Tot Ion:172 Resp: 2104665
Ion Ratio Lower Upper
172 100
171 35.2 30.7 46.1
170 24.0 20.5 30.7

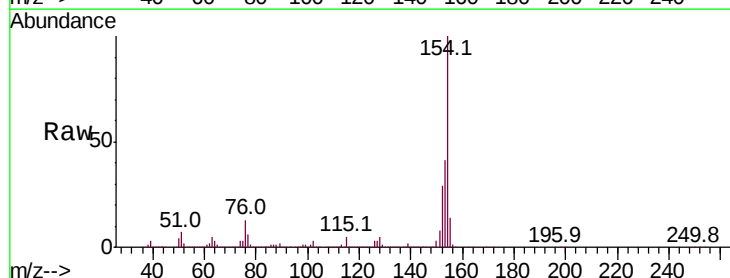


Abundance Ion 172.00 (171.70 to 172.70): E
3000000 Ion 171.00 (170.70 to 171.70): E
2500000 Ion 170.00 (169.70 to 170.70): E

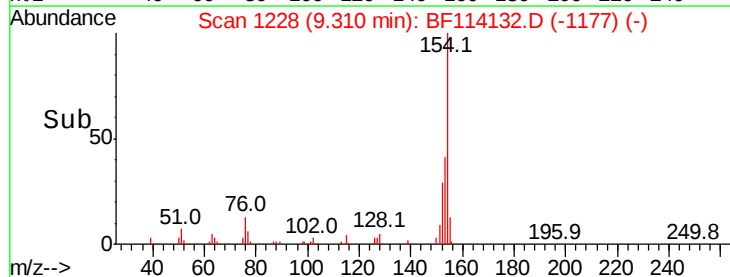
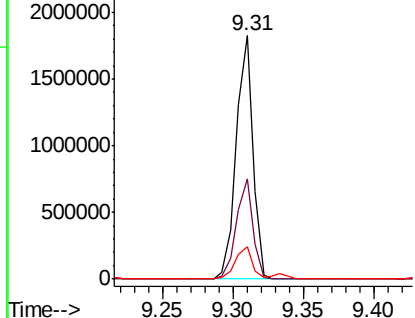


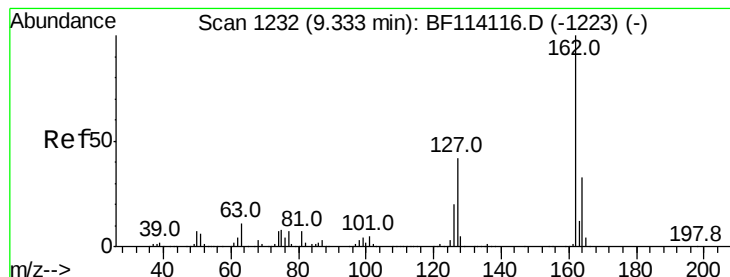
#46
1,1'-Biphenyl
Concen: 34.012 ng
RT: 9.31 min Scan# 1228
Delta R.T. 0.00 min
Lab File: BF114132.D
Acq: 10 May 2019 20:34

Tgt Ion:154 Resp: 1505079
Ion Ratio Lower Upper
154 100
153 41.4 21.9 61.9
76 13.1 0.0 32.8



Abundance Ion 154.00 (153.70 to 154.70): E
2500000 Ion 153.00 (152.70 to 153.70): E
2000000 Ion 76.00 (75.70 to 76.70): BF1





#47

2-Chloronaphthalene

Concen: 32.154 ng

RT: 9.33 min Scan# 1232

Delta R.T. 0.00 min

Lab File: BF114132.D

Acq: 10 May 2019 20:34

Instrument :

BNA_F

ClientSampleId :

P021-SS001-0002-01MS

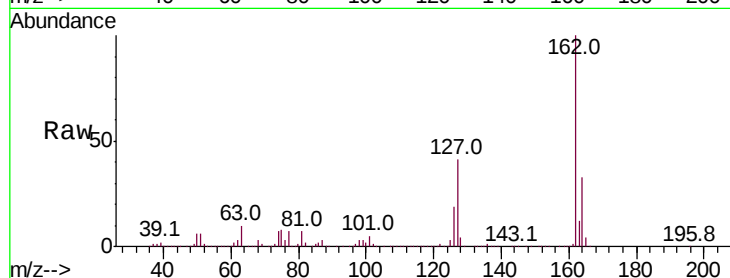
Tot Ion:162 Resp: 1145086

Ion Ratio Lower Upper

162 100

127 40.7 34.0 51.0

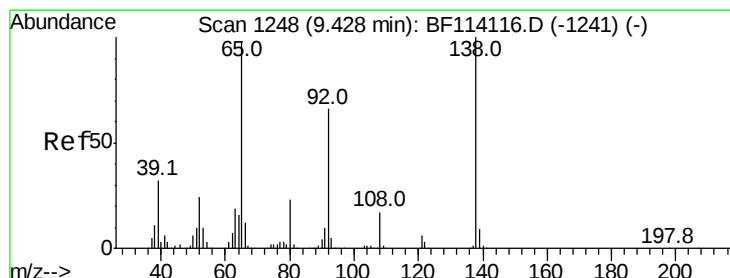
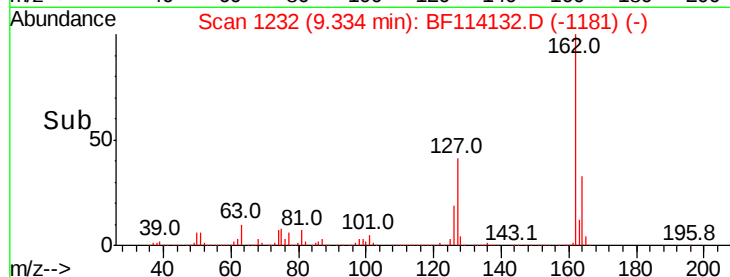
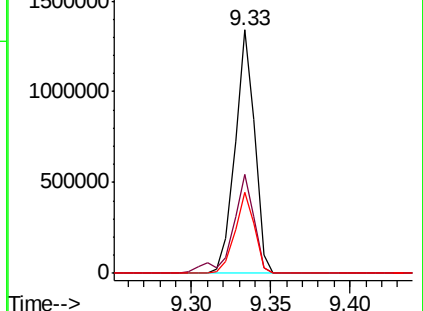
164 33.4 26.7 40.1



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48

2-Nitroaniline

Concen: 32.520 ng

RT: 9.43 min Scan# 1248

Delta R.T. 0.00 min

Lab File: BF114132.D

Acq: 10 May 2019 20:34

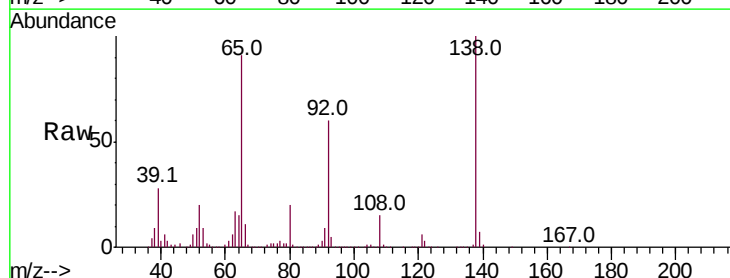
Tgt Ion: 65 Resp: 410734

Ion Ratio Lower Upper

65 100

92 66.0 53.9 80.9

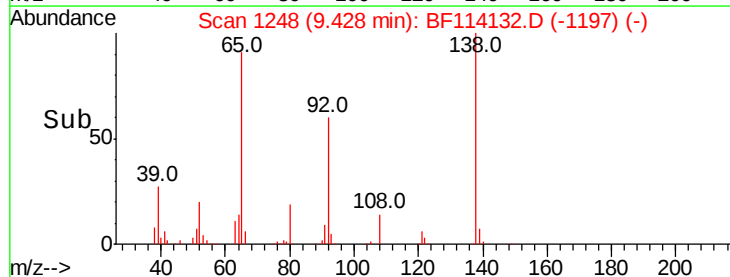
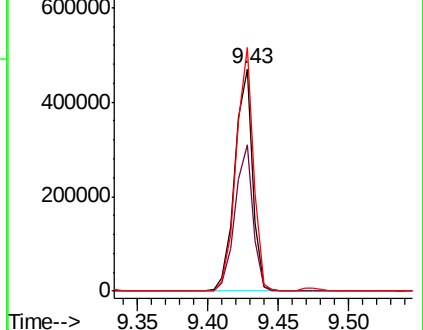
138 109.5 81.4 122.0

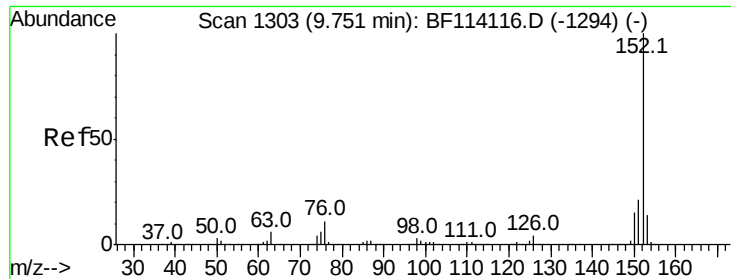


Abundance Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 32.427 ng

RT: 9.75 min Scan# 1303

Delta R.T. 0.00 min

Lab File: BF114132.D

Acq: 10 May 2019 20:34

Instrument :

BNA_F

ClientSampleId :

P021-SS001-0002-01MS

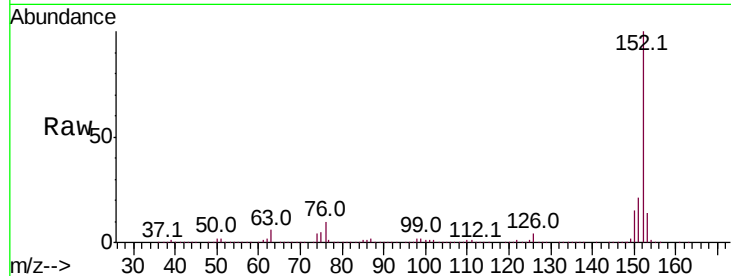
Tot Ion:152 Resp: 1756425

Ion Ratio Lower Upper

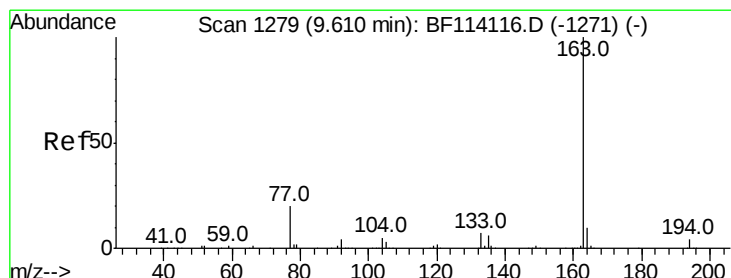
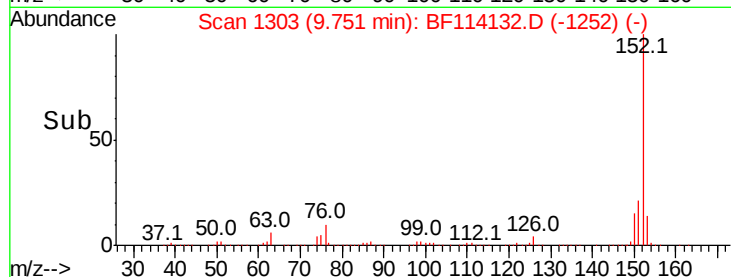
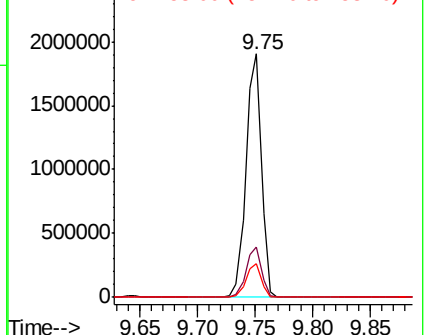
152 100

151 20.8 16.8 25.2

153 13.7 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: 42.806 ng

RT: 9.60 min Scan# 1278

Delta R.T. -0.01 min

Lab File: BF114132.D

Acq: 10 May 2019 20:34

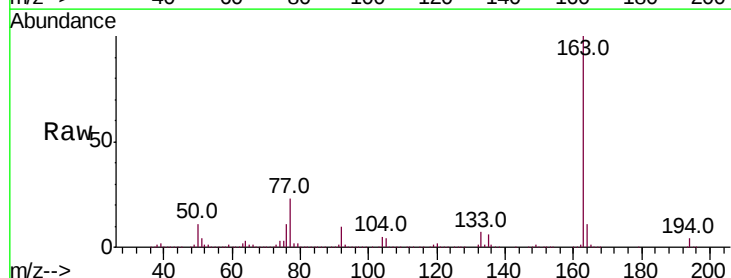
Tgt Ion:163 Resp: 1721239

Ion Ratio Lower Upper

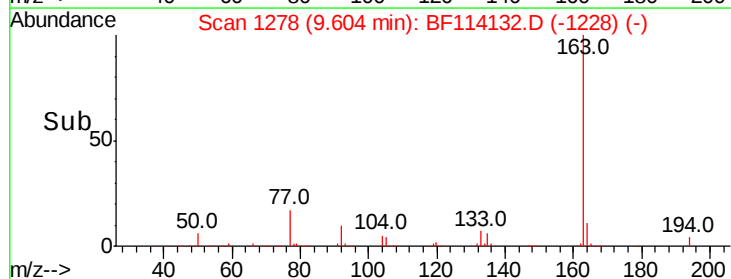
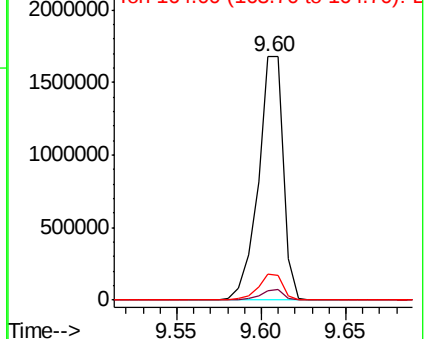
163 100

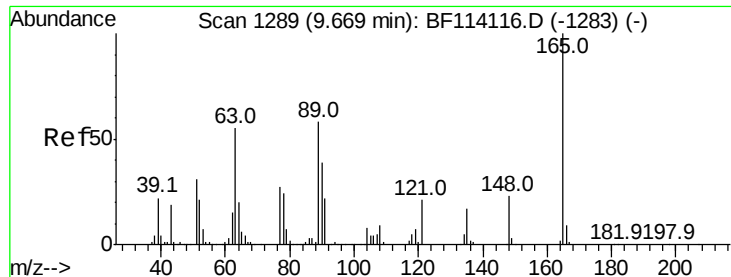
194 3.8 3.4 5.0

164 10.8 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

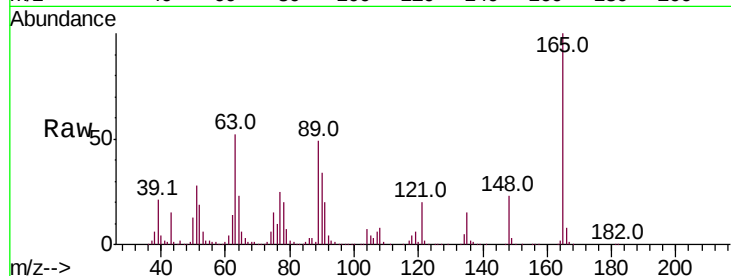




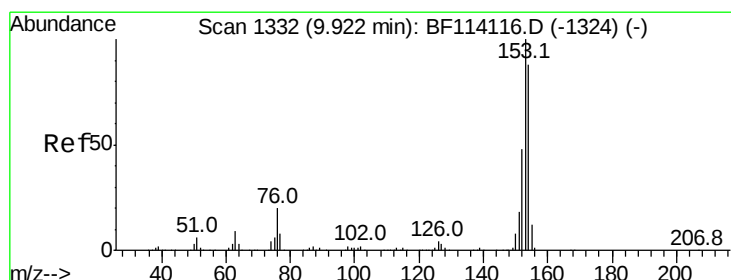
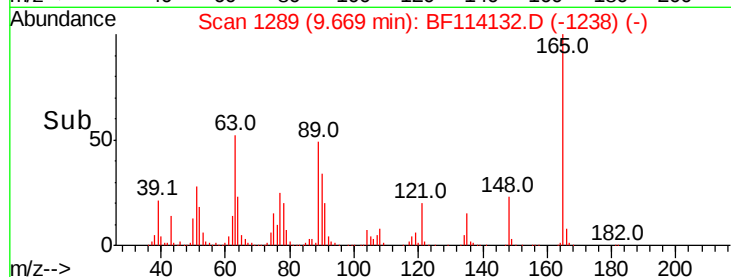
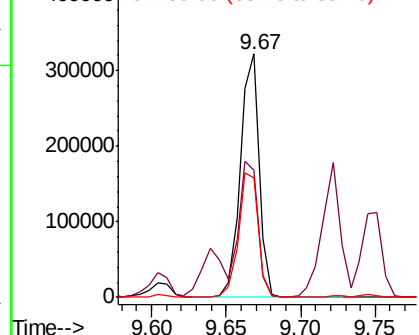
#51
2,6-Dinitrotoluene
Concen: 32.111 ng
RT: 9.67 min Scan# 1289
Delta R.T. 0.00 min
Lab File: BF114132.D
Acq: 10 May 2019 20:34

Instrument :
BNA_F
ClientSampleId :
P021-SS001-0002-01MS

Tot Ion:165 Resp: 286390
Ion Ratio Lower Upper
165 100
63 52.4 50.2 75.4
89 49.2 46.6 69.8

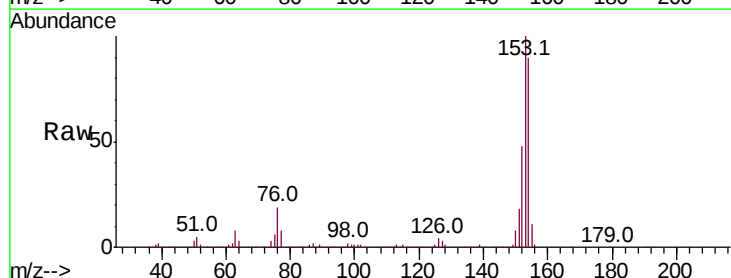


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1

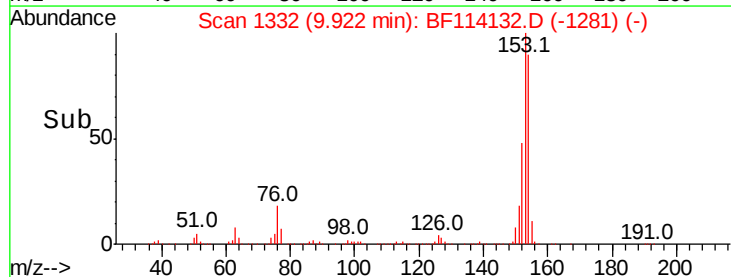
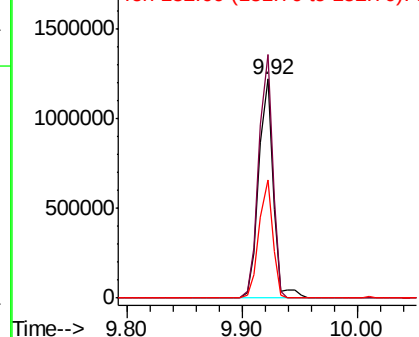


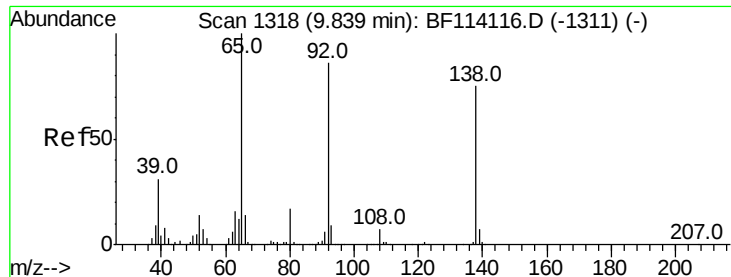
#52
Acenaphthene
Concen: 32.179 ng
RT: 9.92 min Scan# 1332
Delta R.T. 0.00 min
Lab File: BF114132.D
Acq: 10 May 2019 20:34

Tgt Ion:154 Resp: 1069573
Ion Ratio Lower Upper
154 100
153 111.3 90.5 135.7
152 53.8 43.4 65.2



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

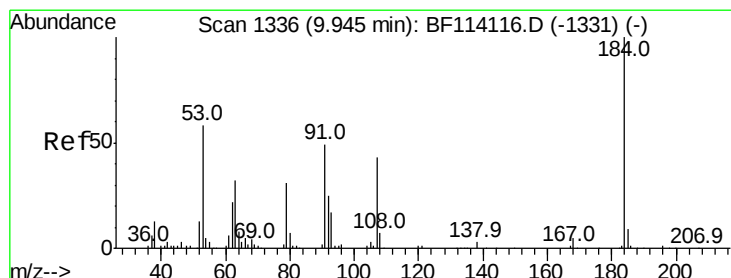
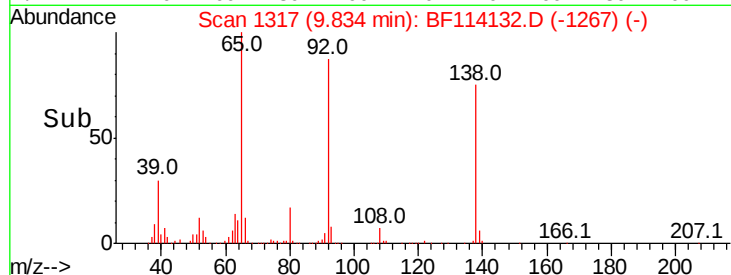
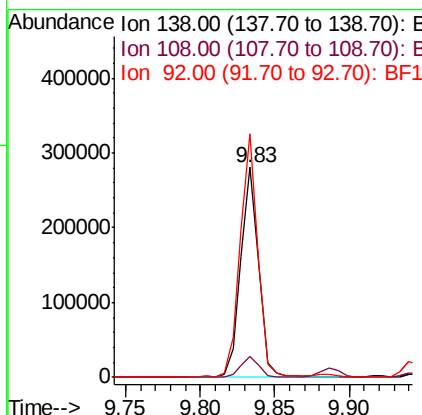
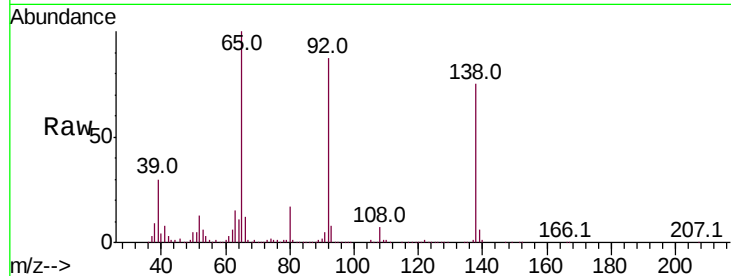




#53
3-Nitroaniline
Concen: 21.323 ng
RT: 9.83 min Scan# 1317
Delta R.T. -0.01 min
Lab File: BF114132.D
Acq: 10 May 2019 20:34

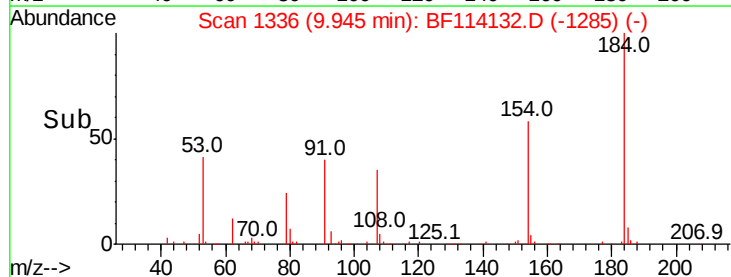
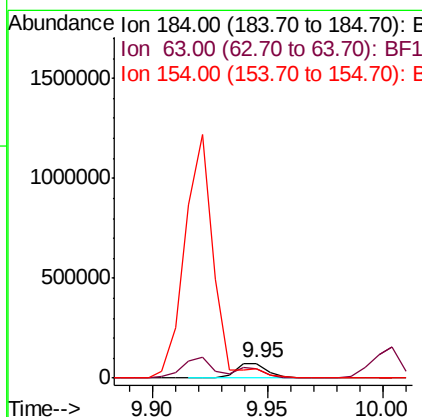
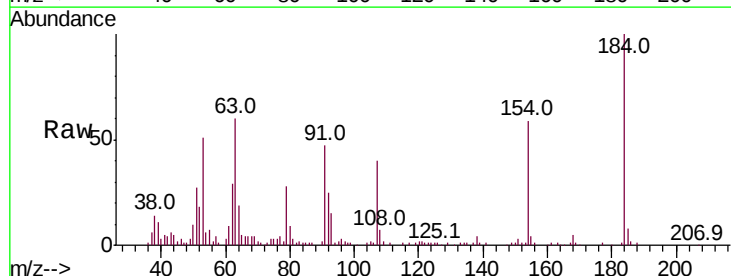
Instrument :
BNA_F
ClientSampleId :
P021-SS001-0002-01MS

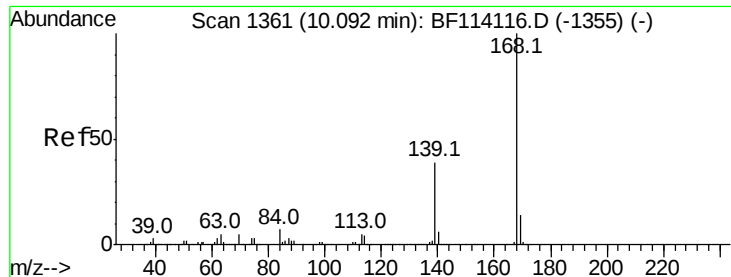
Tot Ion:138 Resp: 236070
Ion Ratio Lower Upper
138 100
108 9.8 7.8 11.6
92 115.8 91.2 136.8



#54
2,4-Dinitrophenol
Concen: 21.922 ng
RT: 9.95 min Scan# 1336
Delta R.T. 0.00 min
Lab File: BF114132.D
Acq: 10 May 2019 20:34

Tgt Ion:184 Resp: 74330
Ion Ratio Lower Upper
184 100
63 59.6 55.6 83.4
154 58.8 46.0 69.0

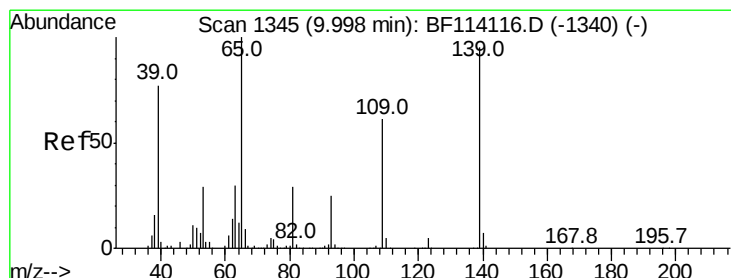
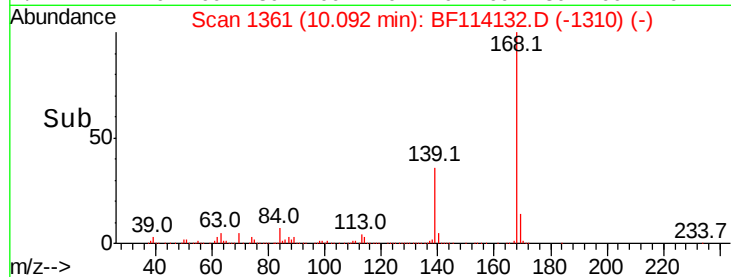
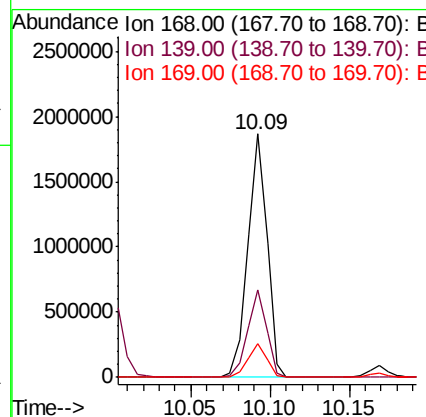
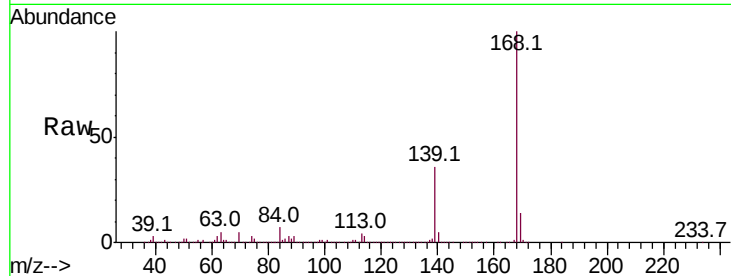




#55
Dibenzofuran
Concen: 32.067 ng
RT: 10.09 min Scan# 1361
Delta R.T. 0.00 min
Lab File: BF114132.D
Acq: 10 May 2019 20:34

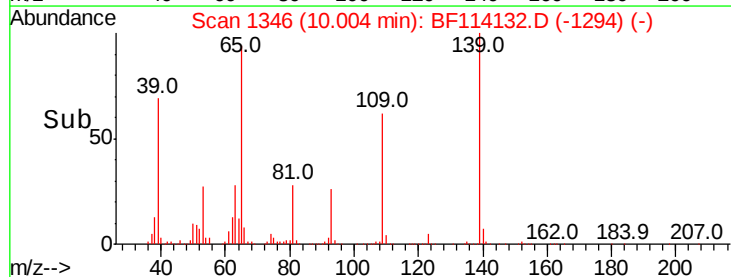
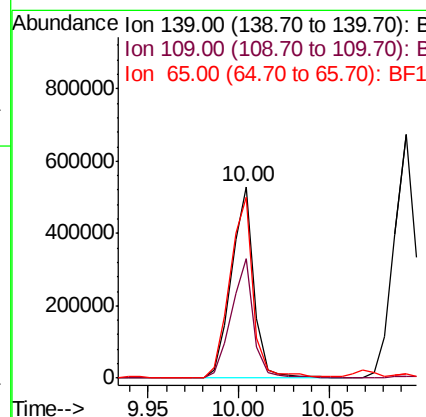
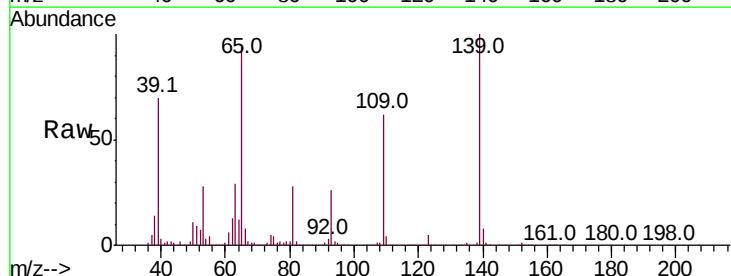
Instrument :
BNA_F
ClientSampleId :
P021-SS001-0002-01MS

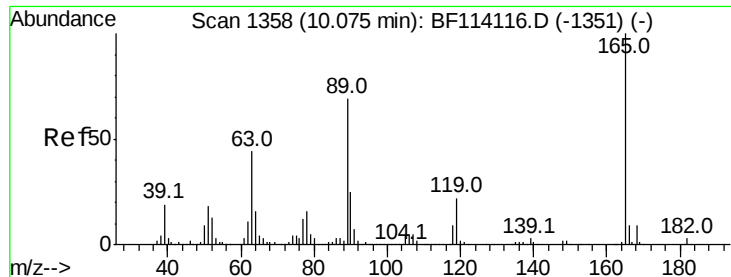
Tot Ion:168 Resp: 1562917
Ion Ratio Lower Upper
168 100
139 36.1 31.1 46.7
169 13.8 11.4 17.0



#56
4-Nitrophenol
Concen: 58.550 ng
RT: 10.00 min Scan# 1346
Delta R.T. 0.01 min
Lab File: BF114132.D
Acq: 10 May 2019 20:34

Tgt Ion:139 Resp: 458413
Ion Ratio Lower Upper
139 100
109 62.2 43.9 83.9
65 94.2 85.7 125.7

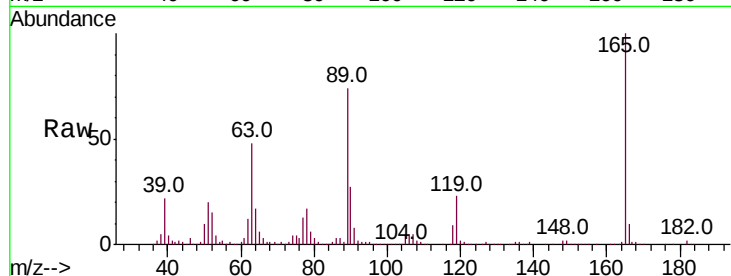




#57
2,4-Dinitrotoluene
Concen: 29.822 ng
RT: 10.07 min Scan# 1357
Delta R.T. -0.01 min
Lab File: BF114132.D
Acq: 10 May 2019 20:34

Instrument :
BNA_F
ClientSampleId :
P021-SS001-0002-01MS

Tot Ion:	165	Resp:	361003
Ion	Ratio	Lower	Upper
165	100		
63	47.9	35.5	53.3
89	74.3	55.2	82.8
182	2.3	2.2	3.2



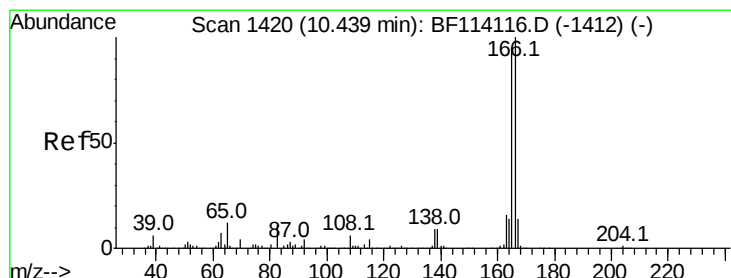
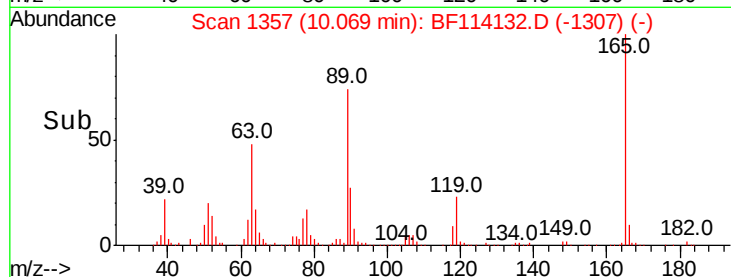
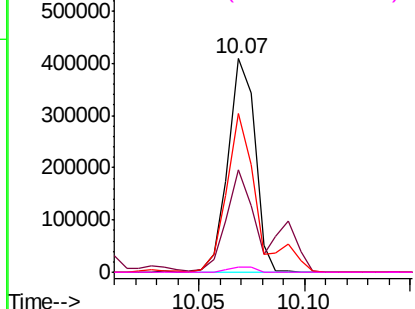
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

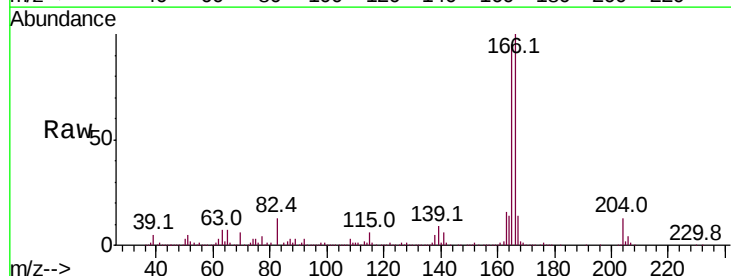
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 32.300 ng
RT: 10.43 min Scan# 1419
Delta R.T. -0.01 min
Lab File: BF114132.D
Acq: 10 May 2019 20:34

Tgt Ion:	166	Resp:	1215961
Ion	Ratio	Lower	Upper
166	100		
165	95.1	76.1	114.1
167	14.4	11.1	16.7

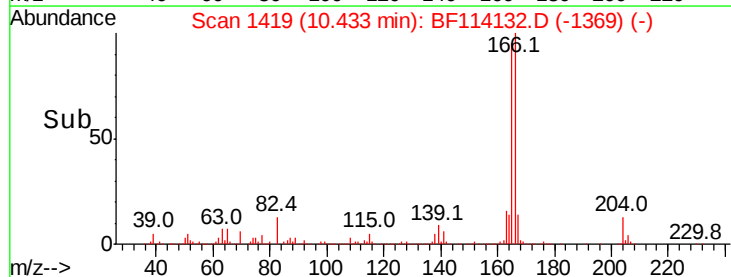
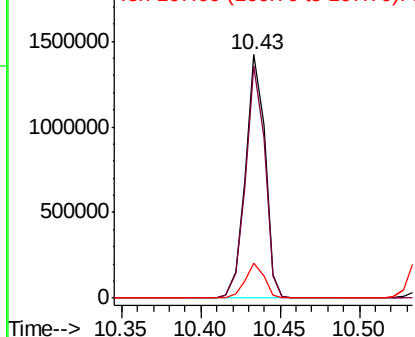


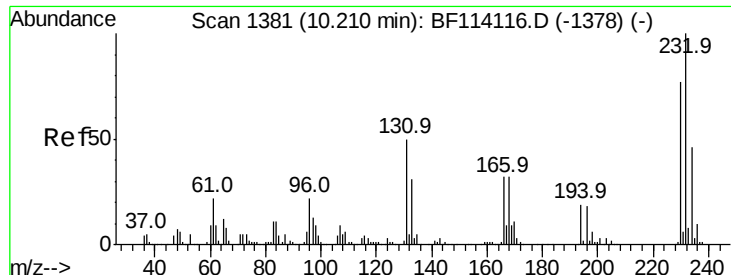
Abundance

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

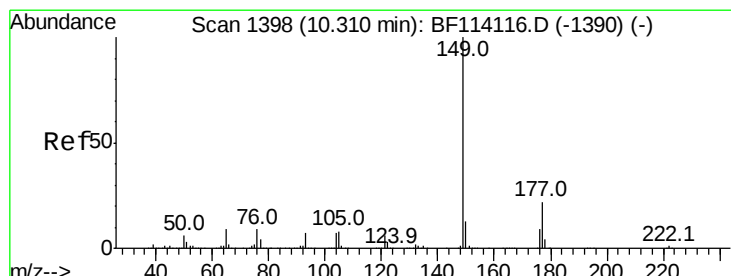
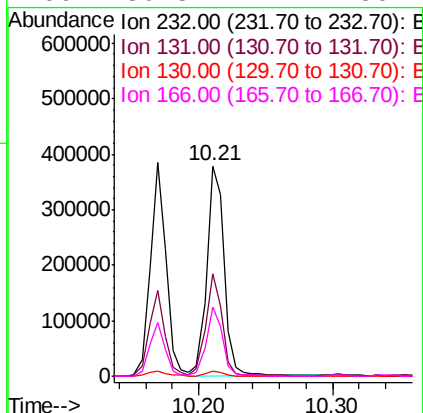
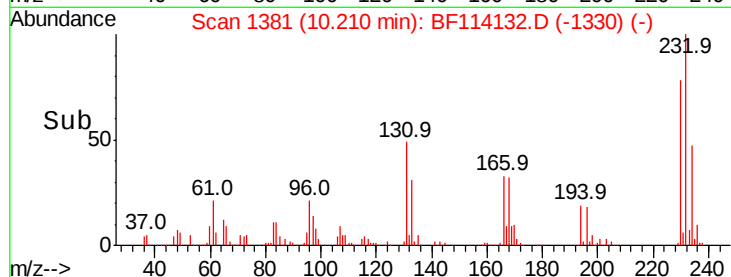
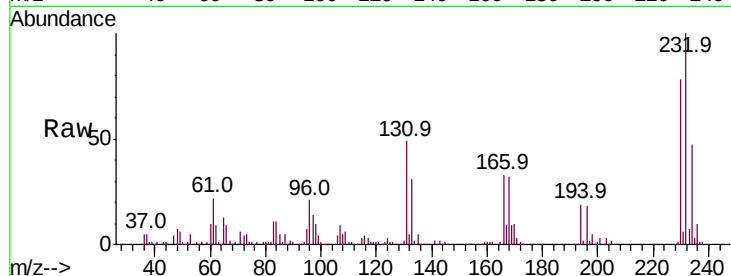




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 33.977 ng
 RT: 10.21 min Scan# 1381
 Delta R.T. 0.00 min
 Lab File: BF114132.D
 Acq: 10 May 2019 20:34

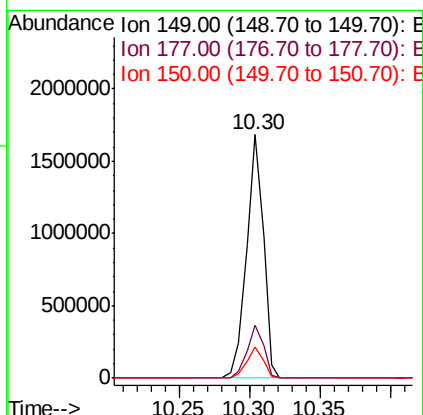
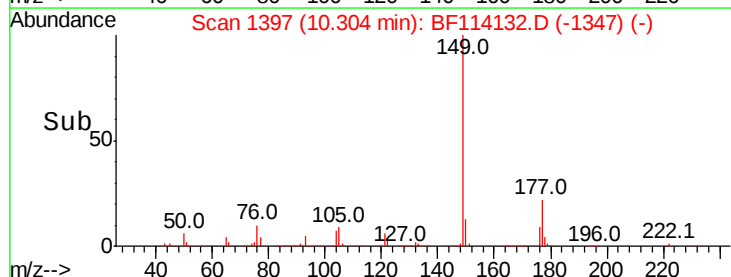
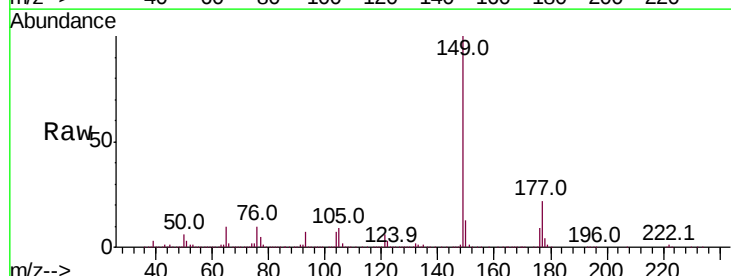
Instrument :
 BNA_F
 ClientSampleId :
 P021-SS001-0002-01MS

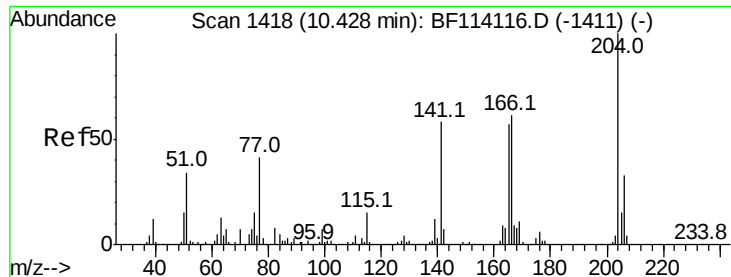
Tot Ion:232 Resp: 343132
 Ion Ratio Lower Upper
 232 100
 131 45.9 35.6 53.4
 130 2.2 1.6 2.4
 166 30.8 24.1 36.1



#60
 Diethylphthalate
 Concen: 34.275 ng
 RT: 10.30 min Scan# 1397
 Delta R.T. -0.01 min
 Lab File: BF114132.D
 Acq: 10 May 2019 20:34

Tgt Ion:149 Resp: 1400328
 Ion Ratio Lower Upper
 149 100
 177 21.9 17.8 26.6
 150 12.6 10.2 15.2

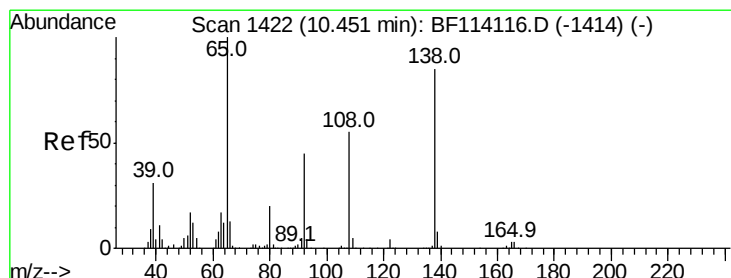
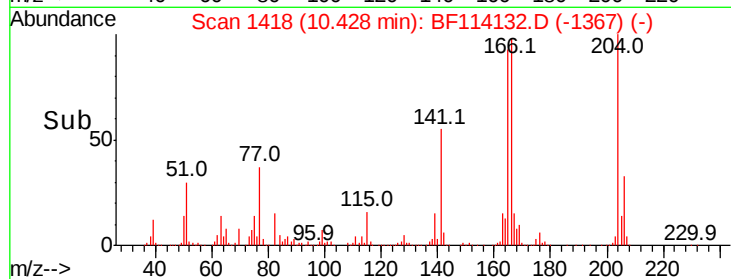
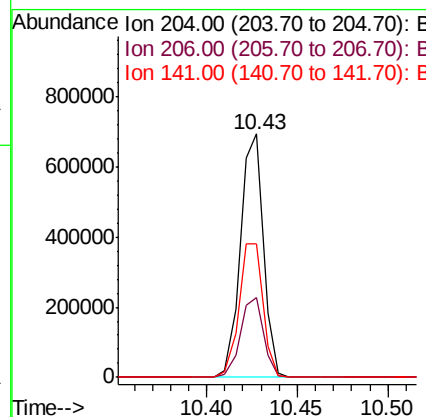
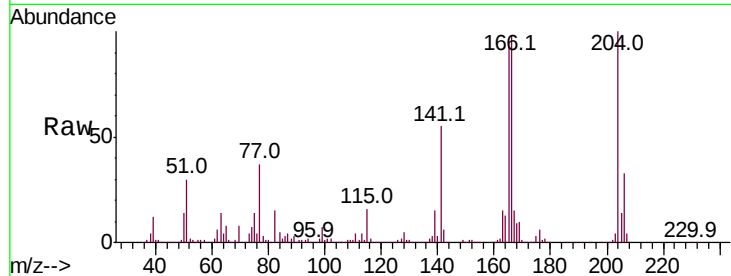




#61
4-Chlorophenyl-phenylether
Concen: 33.133 ng
RT: 10.43 min Scan# 1418
Delta R.T. 0.00 min
Lab File: BF114132.D
Acq: 10 May 2019 20:34

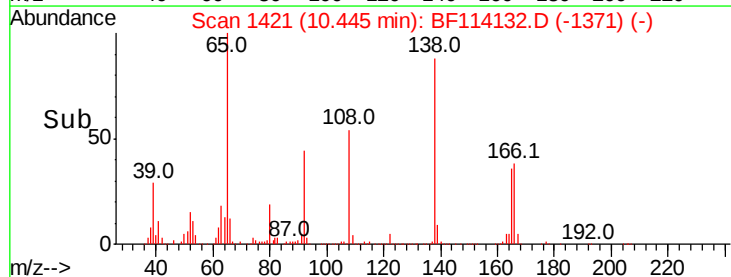
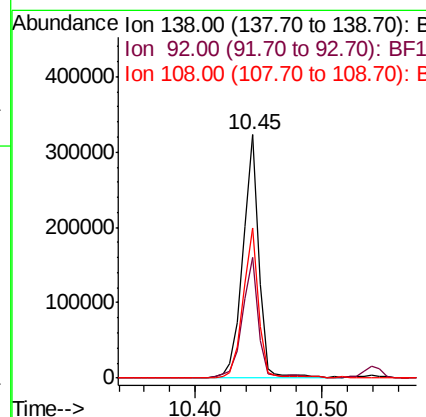
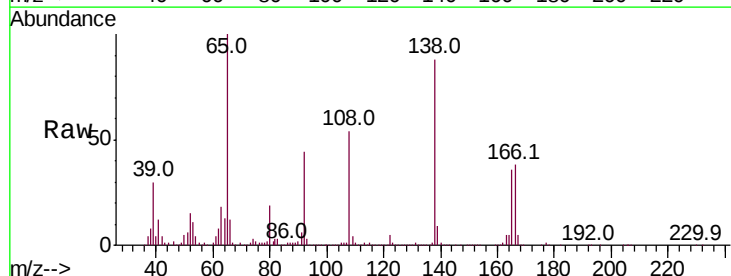
Instrument :
BNA_F
ClientSampleId :
P021-SS001-0002-01MS

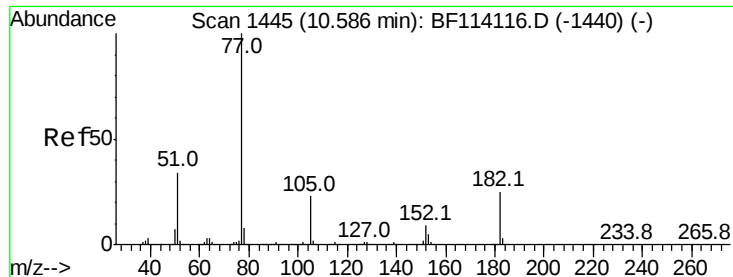
Tot Ion	Ratio	Lower	Upper
204	100		
206	33.0	26.6	39.8
141	54.6	46.4	69.6



#62
4-Nitroaniline
Concen: 24.048 ng
RT: 10.45 min Scan# 1421
Delta R.T. -0.01 min
Lab File: BF114132.D
Acq: 10 May 2019 20:34

Tgt Ion	Ratio	Lower	Upper
138	100		
92	49.6	33.0	73.0
108	61.4	44.9	84.9





#63

Azobenzene

Concen: 32.713 ng

RT: 10.59 min Scan# 1445

Delta R.T. 0.00 min

Lab File: BF114132.D

Acq: 10 May 2019 20:34

Instrument :

BNA_F

ClientSampleId :

P021-SS001-0002-01MS

Tot Ion: 77 Resp: 1293700

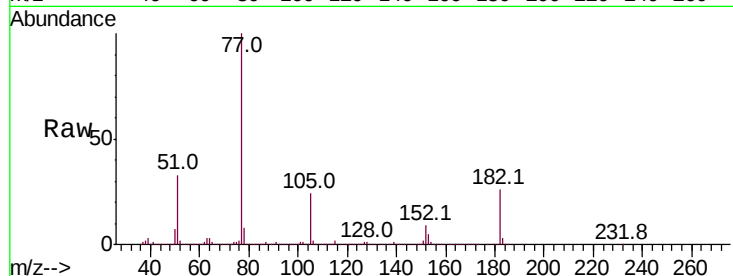
Ion Ratio Lower Upper

77 100

182 25.9 4.7 44.7

105 24.2 2.9 42.9

51 33.0 14.6 54.6

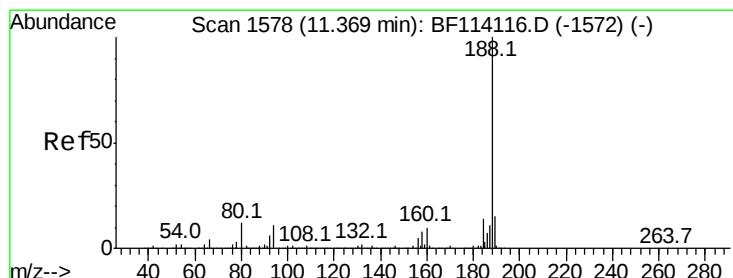
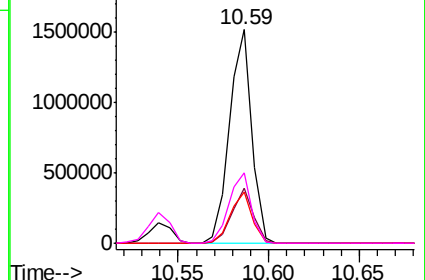
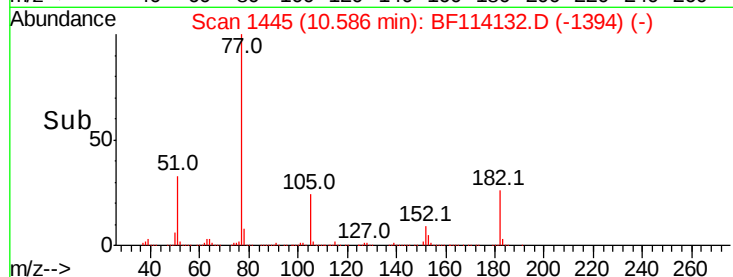


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.37 min Scan# 1578

Delta R.T. 0.00 min

Lab File: BF114132.D

Acq: 10 May 2019 20:34

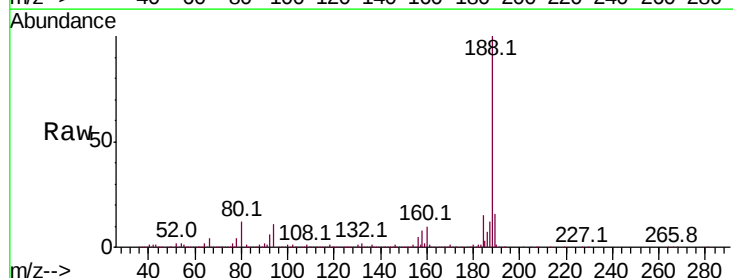
Tgt Ion: 188 Resp: 1047719

Ion Ratio Lower Upper

188 100

94 11.5 8.4 12.6

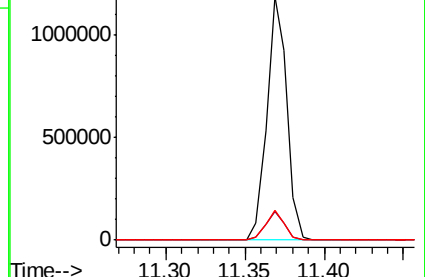
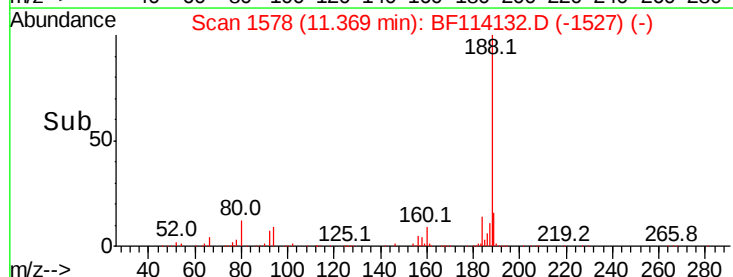
80 12.3 9.2 13.8

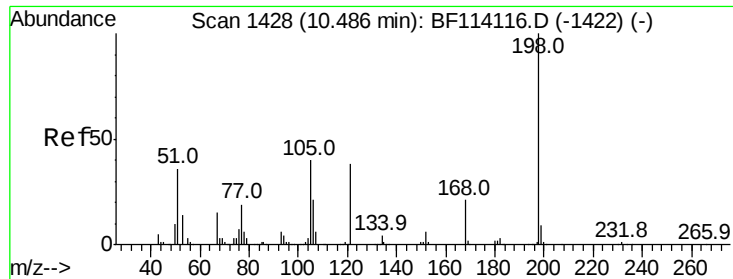


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

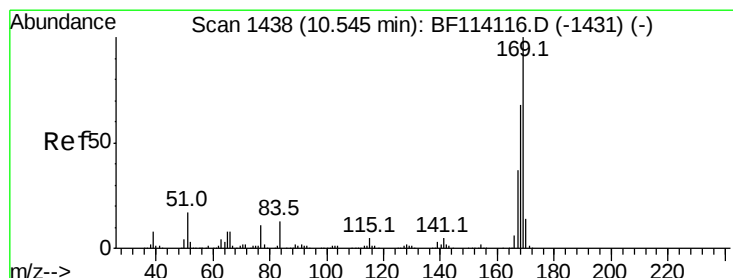
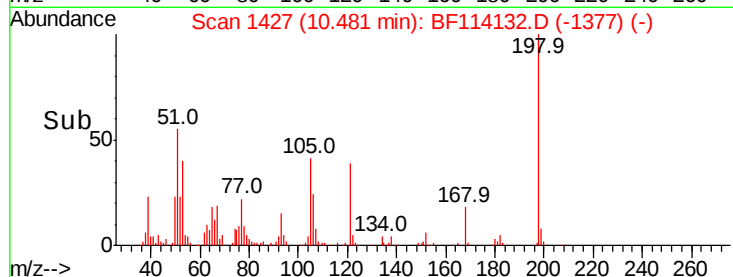
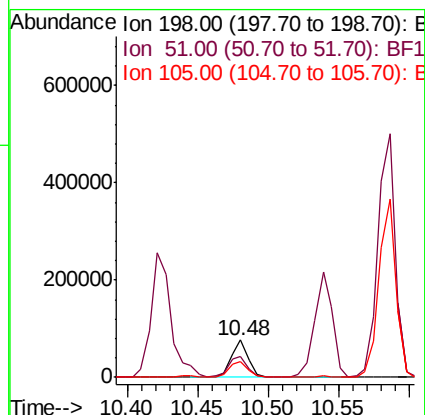
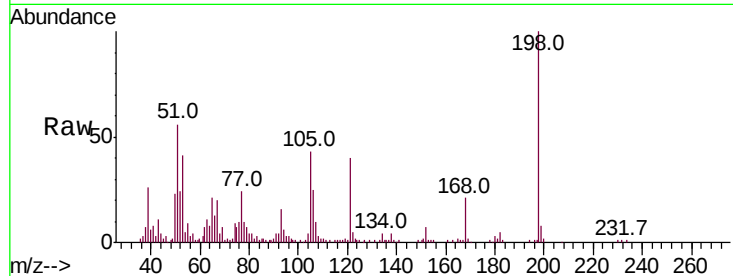




#65
4,6-Dinitro-2-methylphenol
Concen: 12.741 ng
RT: 10.48 min Scan# 1427
Delta R.T. -0.01 min
Lab File: BF114132.D
Acq: 10 May 2019 20:34

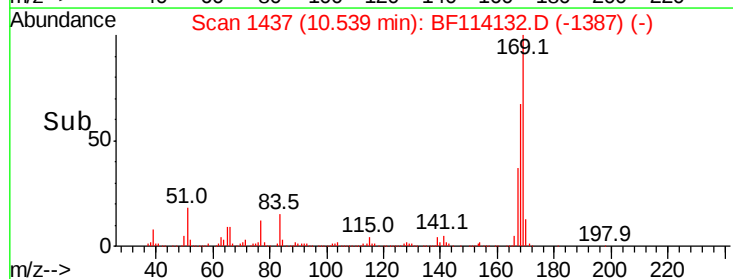
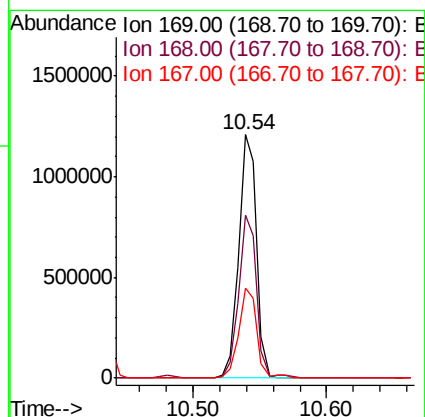
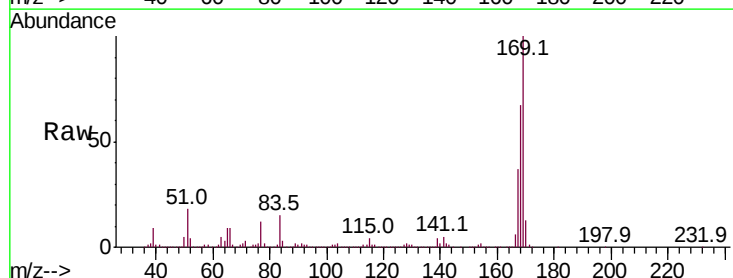
Instrument :
BNA_F
ClientSampleId :
P021-SS001-0002-01MS

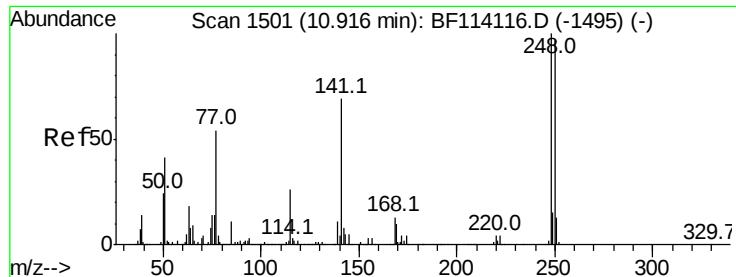
Tot Ion:198 Resp: 64146
Ion Ratio Lower Upper
198 100
51 56.2 28.0 68.0
105 42.7 21.1 61.1



#66
n-Nitrosodiphenylamine
Concen: 35.369 ng
RT: 10.54 min Scan# 1437
Delta R.T. -0.01 min
Lab File: BF114132.D
Acq: 10 May 2019 20:34

Tgt Ion:169 Resp: 1124670
Ion Ratio Lower Upper
169 100
168 67.2 54.2 81.2
167 37.0 29.8 44.8

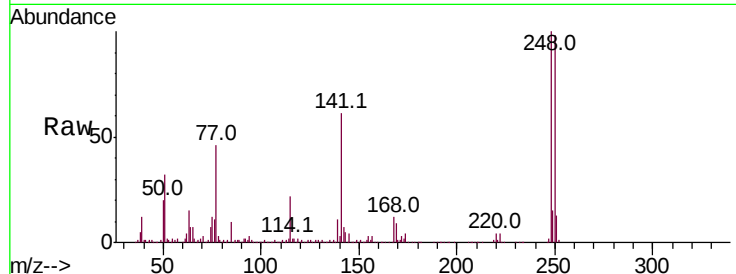




#67
4-Bromophenyl-phenylether
Concen: 32.426 ng
RT: 10.92 min Scan# 1501
Delta R.T. 0.00 min
Lab File: BF114132.D
Acq: 10 May 2019 20:34

Instrument :
BNA_F
ClientSampleId :
P021-SS001-0002-01MS

Tot Ion	Ratio	Lower	Upper
248	100		
250	98.2	77.4	116.2
141	60.8	55.6	83.4

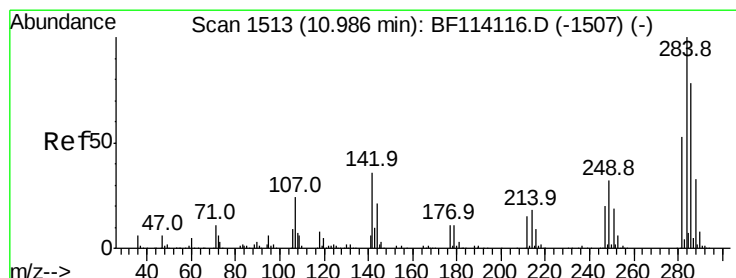
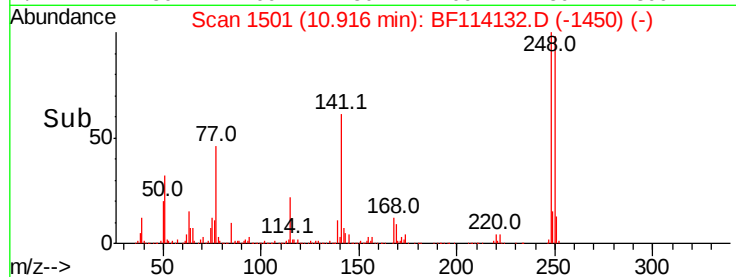
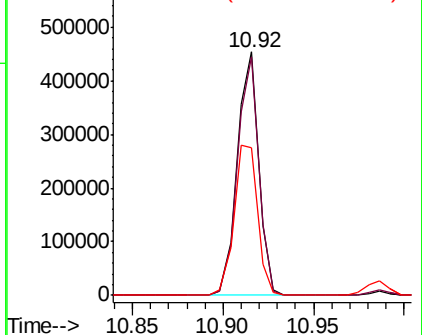


Abundance

Ion 248.00 (247.70 to 248.70): E

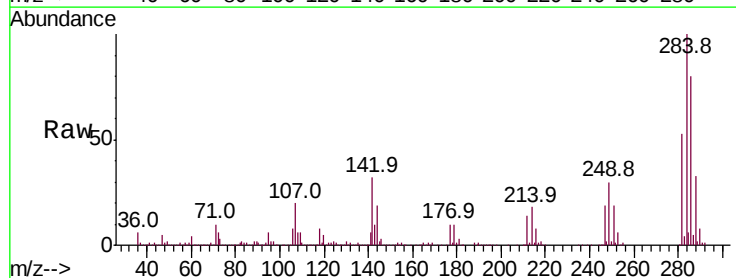
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 31.378 ng
RT: 10.99 min Scan# 1513
Delta R.T. 0.00 min
Lab File: BF114132.D
Acq: 10 May 2019 20:34

Tgt Ion	Ratio	Lower	Upper
284	100		
142	32.2	28.4	42.6
249	30.0	25.2	37.8

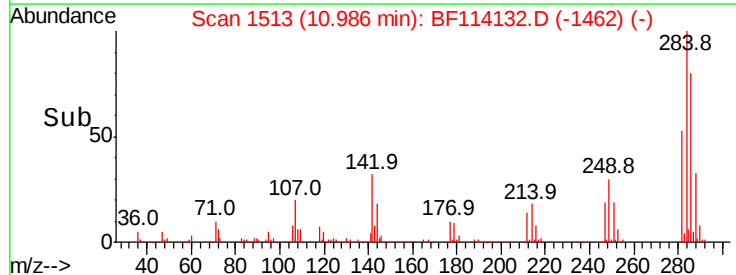
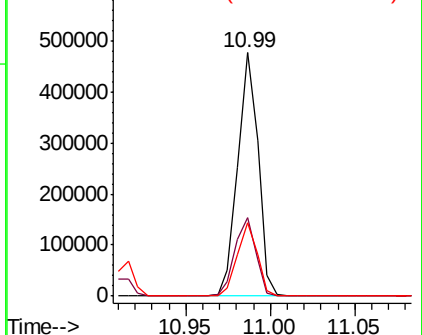


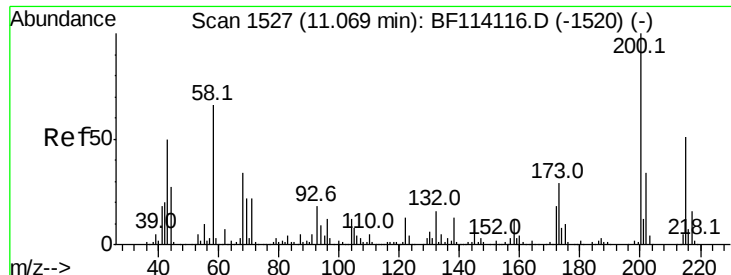
Abundance

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

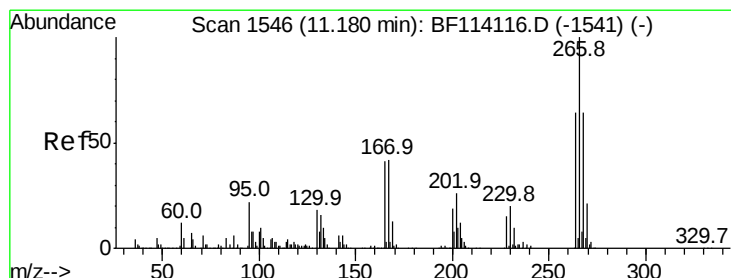
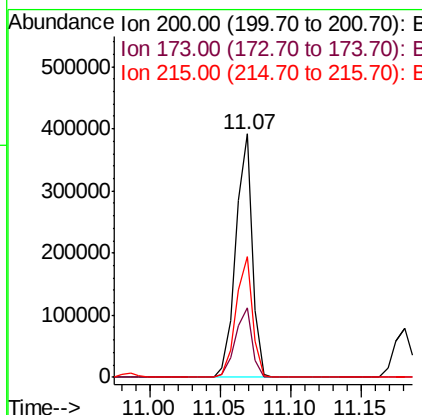
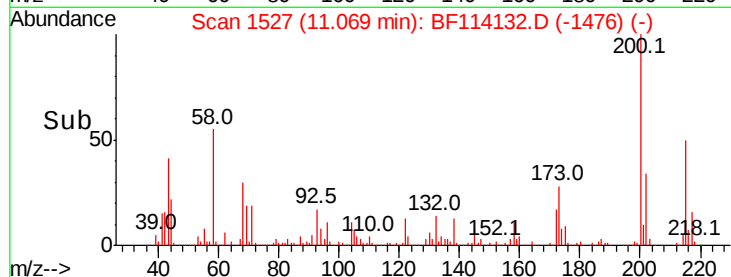
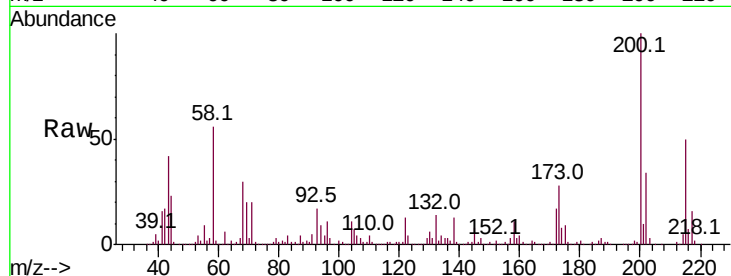




#69
Atrazine
Concen: 32.126 ng
RT: 11.07 min Scan# 1527
Delta R.T. 0.00 min
Lab File: BF114132.D
Acq: 10 May 2019 20:34

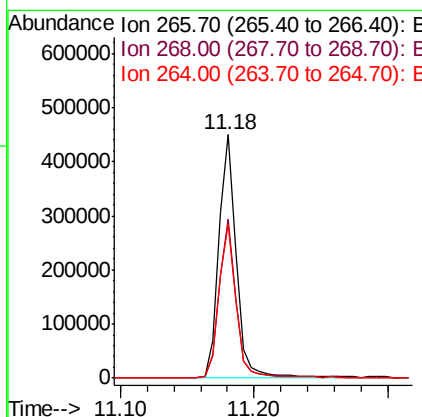
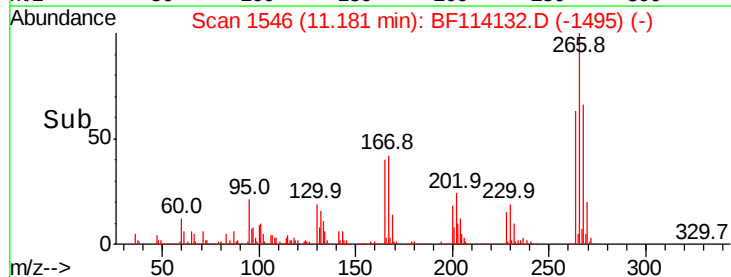
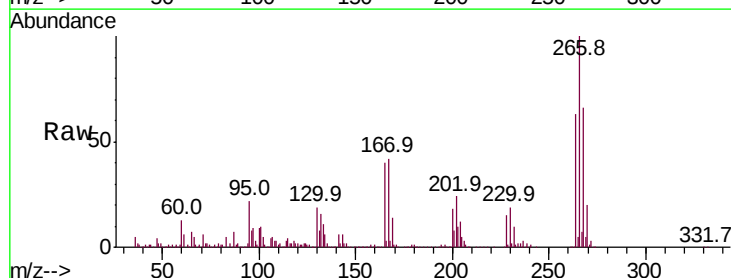
Instrument :
BNA_F
ClientSampleId :
P021-SS001-0002-01MS

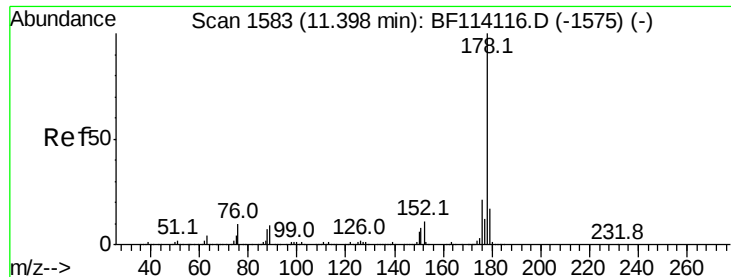
Tot Ion:200 Resp: 317907
Ion Ratio Lower Upper
200 100
173 28.3 8.9 48.9
215 49.5 30.7 70.7



#70
Pentachlorophenol
Concen: 69.708 ng
RT: 11.18 min Scan# 1546
Delta R.T. 0.00 min
Lab File: BF114132.D
Acq: 10 May 2019 20:34

Tgt Ion:266 Resp: 421707
Ion Ratio Lower Upper
266 100
268 65.5 51.1 76.7
264 63.2 51.1 76.7

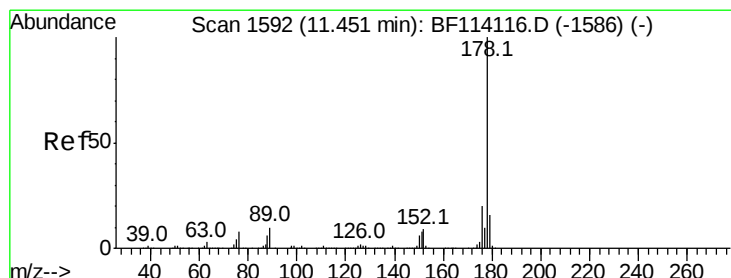
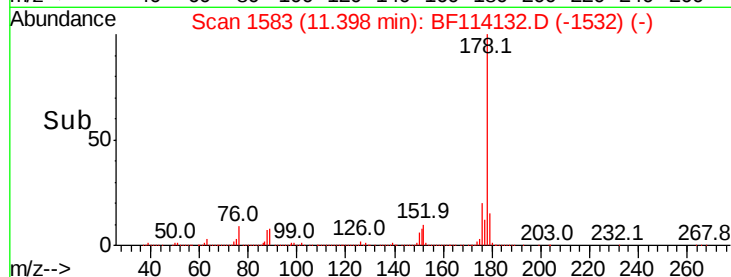
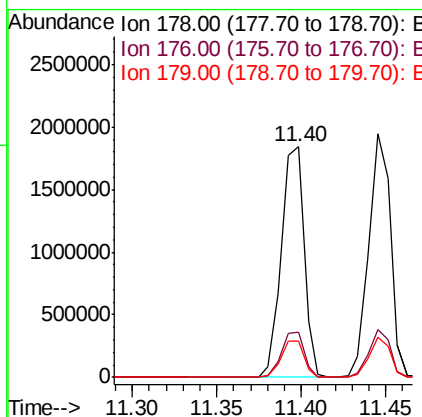
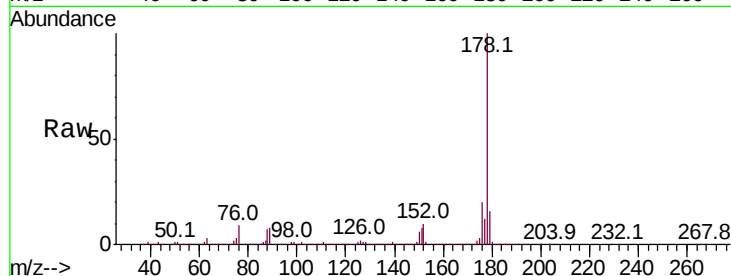




#71
Phenanthrene
Concen: 33.523 ng
RT: 11.40 min Scan# 1583
Delta R.T. 0.00 min
Lab File: BF114132.D
Acq: 10 May 2019 20:34

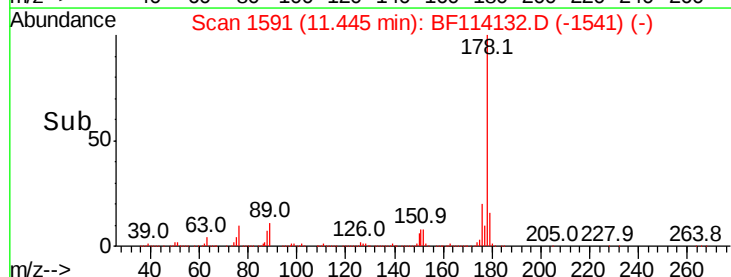
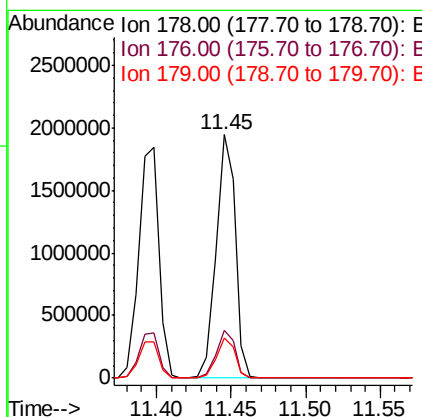
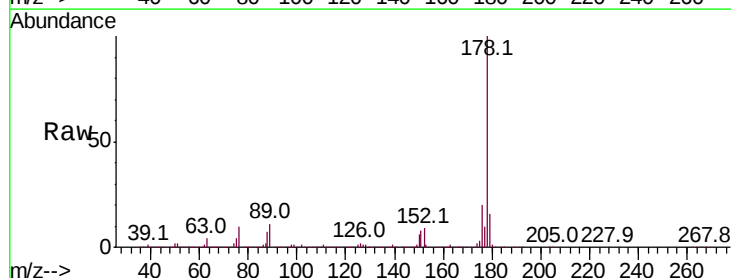
Instrument :
BNA_F
ClientSampleId :
P021-SS001-0002-01MS

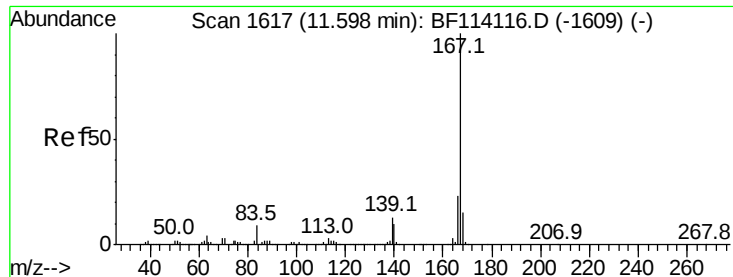
Tot Ion:178 Resp: 1708743
Ion Ratio Lower Upper
178 100
176 19.9 16.4 24.6
179 15.6 13.2 19.8



#72
Anthracene
Concen: 34.027 ng
RT: 11.45 min Scan# 1591
Delta R.T. -0.01 min
Lab File: BF114132.D
Acq: 10 May 2019 20:34

Tgt Ion:178 Resp: 1742101
Ion Ratio Lower Upper
178 100
176 19.5 15.8 23.8
179 16.3 13.0 19.4





#73

Carbazole

Concen: 33.775 ng

RT: 11.60 min Scan# 1617

Delta R.T. 0.00 min

Lab File: BF114132.D

Acq: 10 May 2019 20:34

Instrument :

BNA_F

ClientSampleId :

P021-SS001-0002-01MS

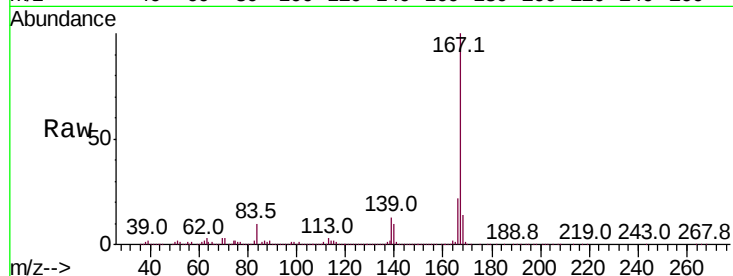
Tot Ion:167 Resp: 1648934

Ion Ratio Lower Upper

167 100

166 21.8 18.2 27.2

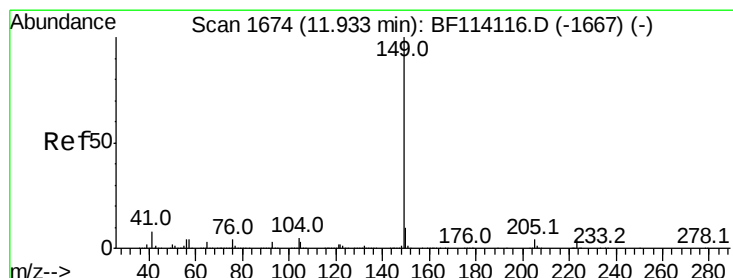
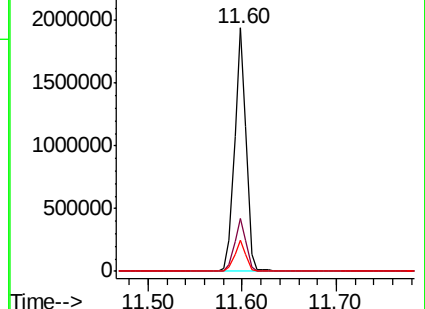
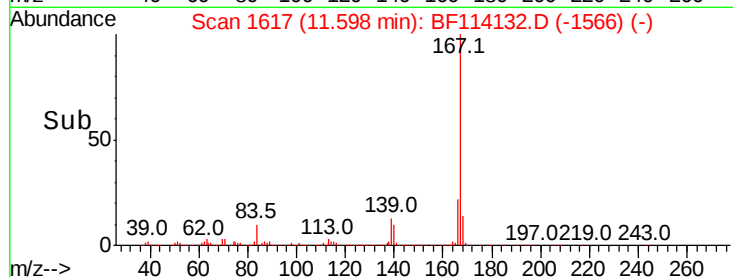
139 12.7 10.6 16.0



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: 34.821 ng

RT: 11.93 min Scan# 1673

Delta R.T. -0.01 min

Lab File: BF114132.D

Acq: 10 May 2019 20:34

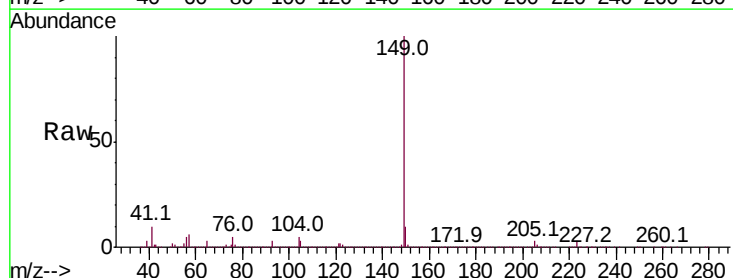
Tgt Ion:149 Resp: 1958593

Ion Ratio Lower Upper

149 100

150 9.9 7.7 11.5

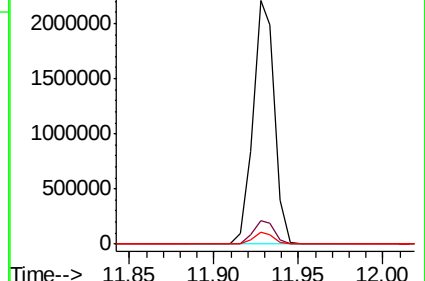
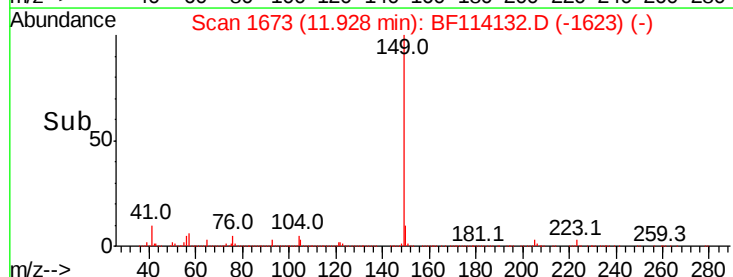
104 4.8 3.6 5.4

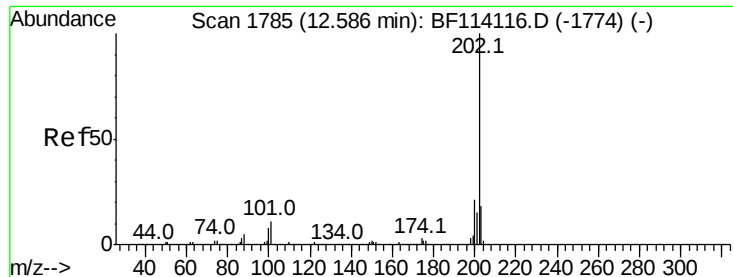


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 34.749 ng

RT: 12.58 min Scan# 1784

Delta R.T. -0.01 min

Lab File: BF114132.D

Acq: 10 May 2019 20:34

Instrument :

BNA_F

ClientSampleId :

P021-SS001-0002-01MS

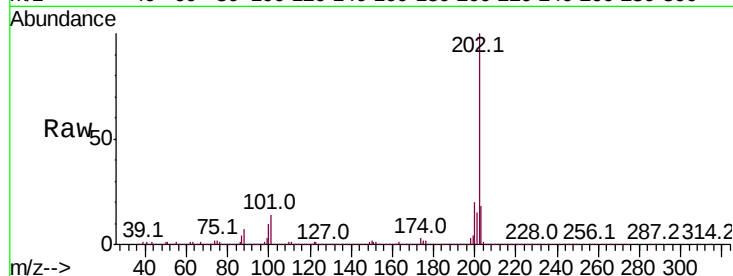
Tot Ion:202 Resp: 1907394

Ion Ratio Lower Upper

202 100

101 13.9 0.0 31.0

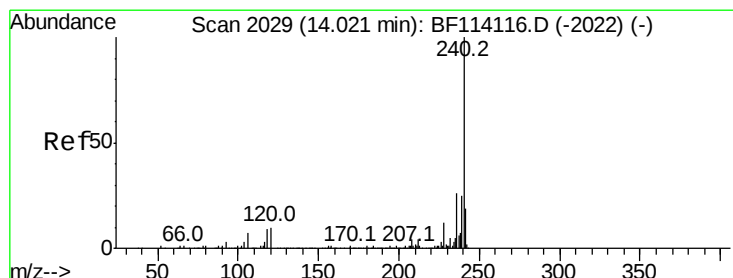
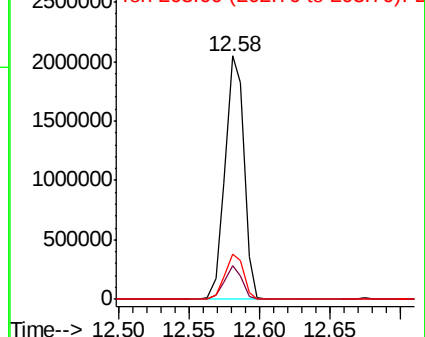
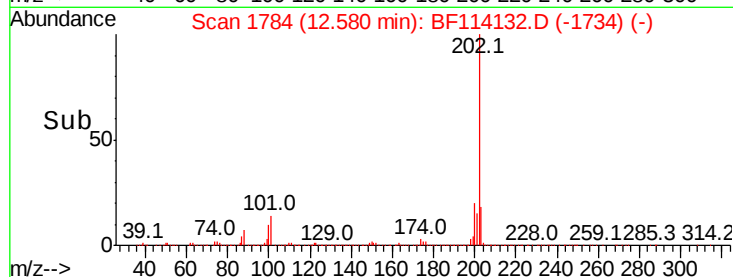
203 18.5 0.0 38.4



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: 14.01 min Scan# 2027

Delta R.T. -0.01 min

Lab File: BF114132.D

Acq: 10 May 2019 20:34

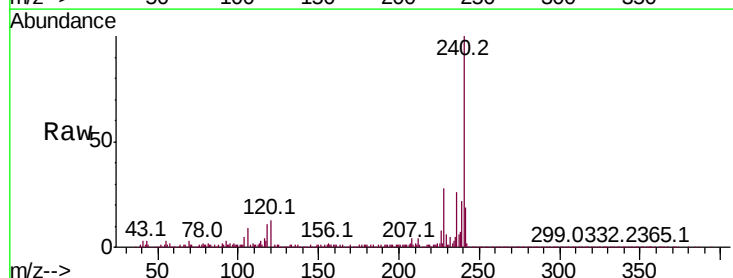
Tgt Ion:240 Resp: 731489

Ion Ratio Lower Upper

240 100

120 13.1 8.3 12.5#

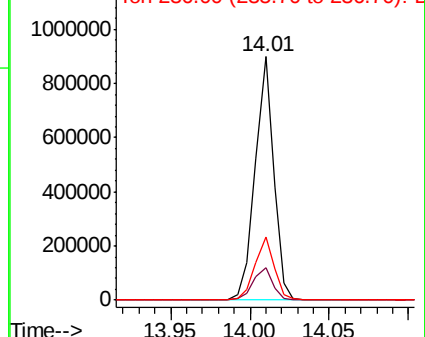
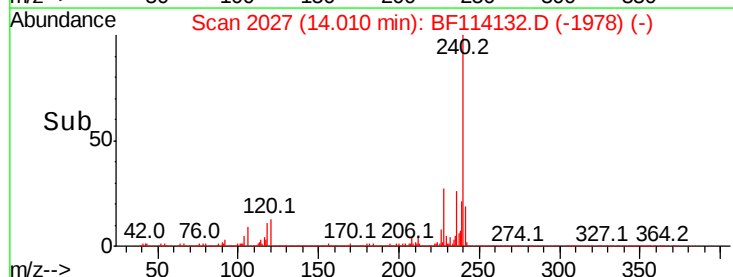
236 26.2 20.8 31.2

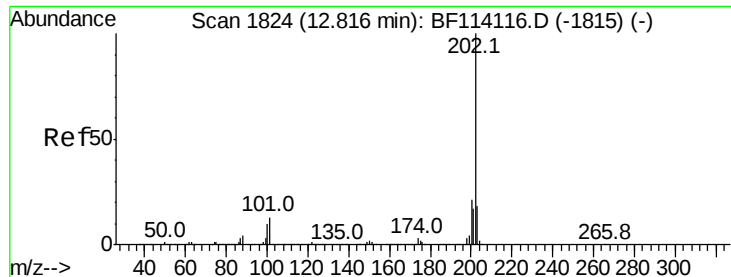


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

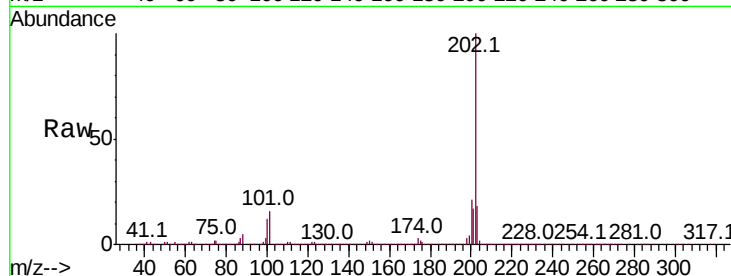




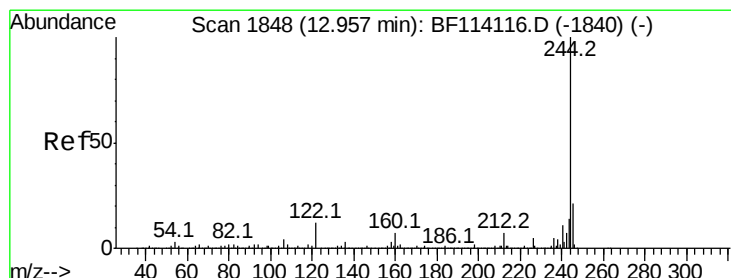
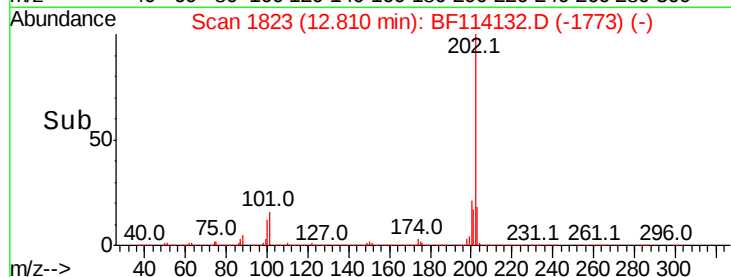
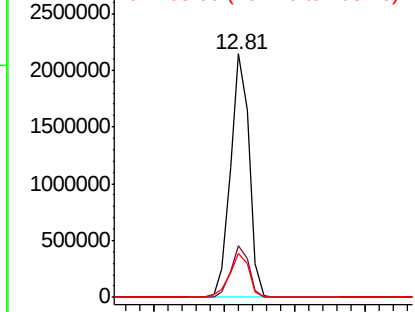
#78
Pvrene
Concen: 33.231 ng
RT: 12.81 min Scan# 1823
Delta R.T. -0.01 min
Lab File: BF114132.D
Acq: 10 May 2019 20:34

Instrument :
BNA_F
ClientSampleId :
P021-SS001-0002-01MS

Tot Ion:202 Resp: 1955450
Ion Ratio Lower Upper
202 100
200 21.0 16.9 25.3
203 18.3 14.5 21.7

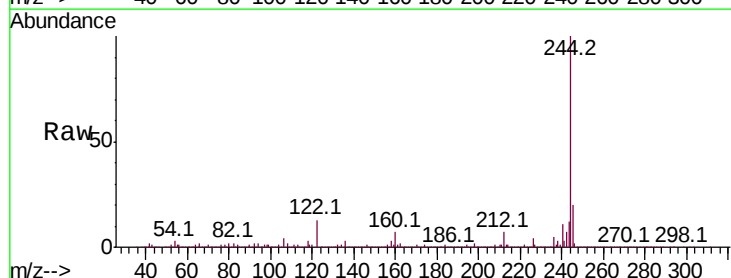


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

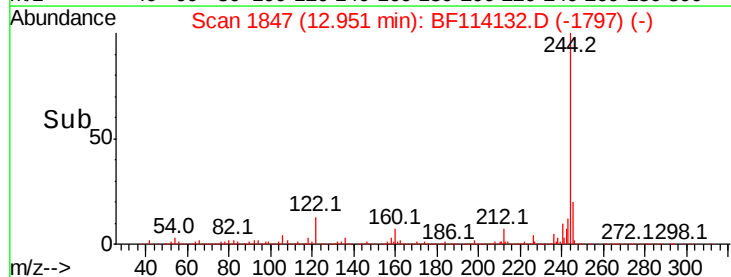
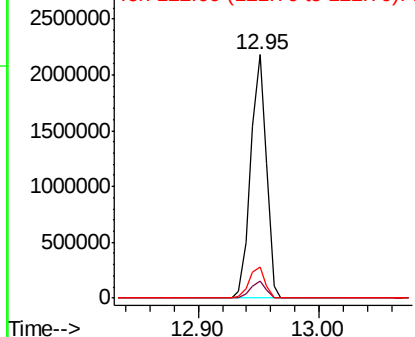


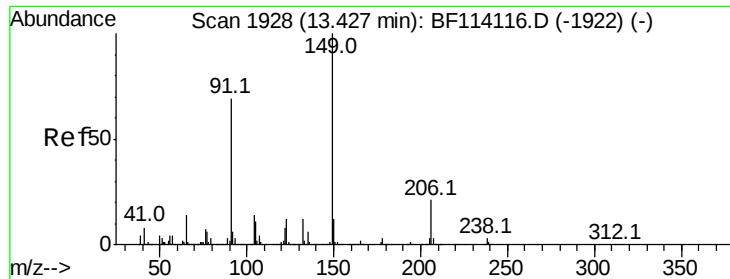
#79
Terphenyl-d14
Concen: 55.913 ng
RT: 12.95 min Scan# 1847
Delta R.T. -0.01 min
Lab File: BF114132.D
Acq: 10 May 2019 20:34

Tgt Ion:244 Resp: 1984035
Ion Ratio Lower Upper
244 100
212 7.0 5.8 8.6
122 12.6 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

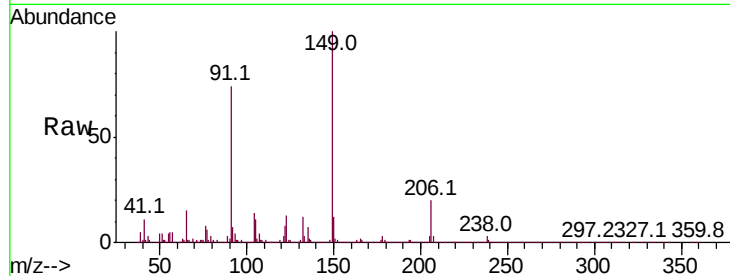




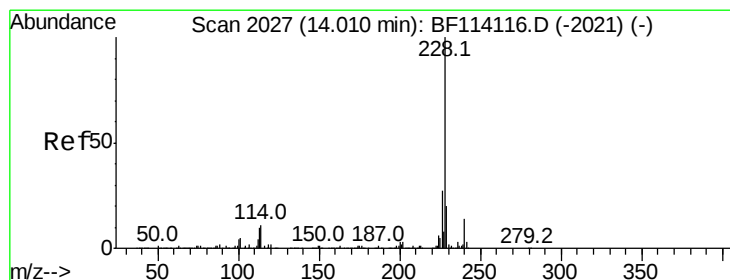
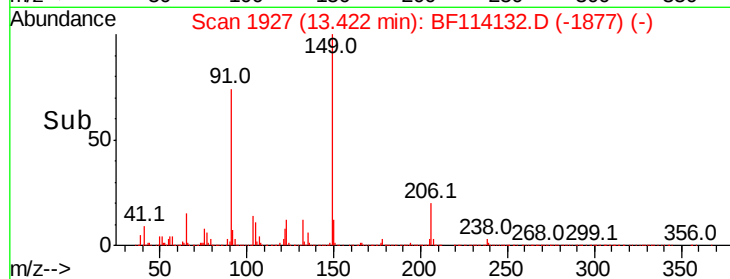
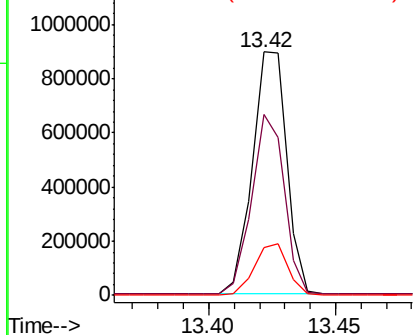
#80
Butylbenzylphthalate
Concen: 34.413 ng
RT: 13.42 min Scan# 1927
Delta R.T. -0.01 min
Lab File: BF114132.D
Acq: 10 May 2019 20:34

Instrument :
BNA_F
ClientSampleId :
P021-SS001-0002-01MS

Tot Ion	Ratio	Lower	Upper
149	100		
91	74.1	55.0	82.4
206	19.6	16.9	25.3

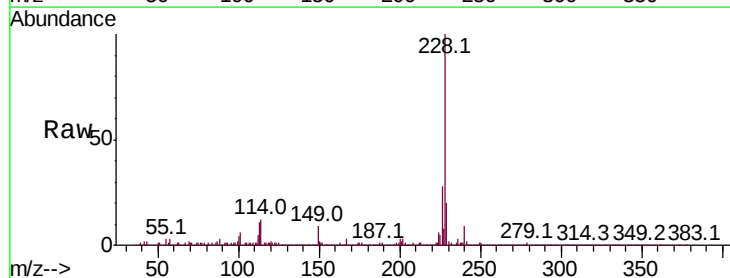


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BF1
Ion 206.00 (205.70 to 206.70): E

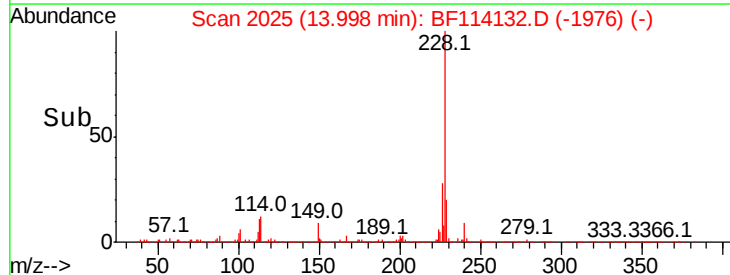
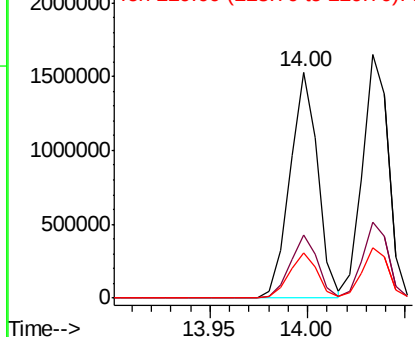


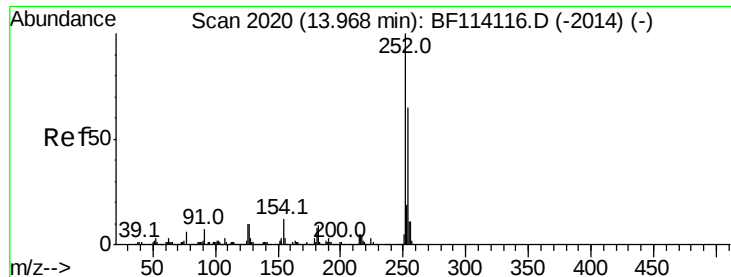
#81
Benzo(a)anthracene
Concen: 31.674 ng
RT: 14.00 min Scan# 2025
Delta R.T. -0.01 min
Lab File: BF114132.D
Acq: 10 May 2019 20:34

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.7	22.2	33.2
229	20.1	16.4	24.6



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

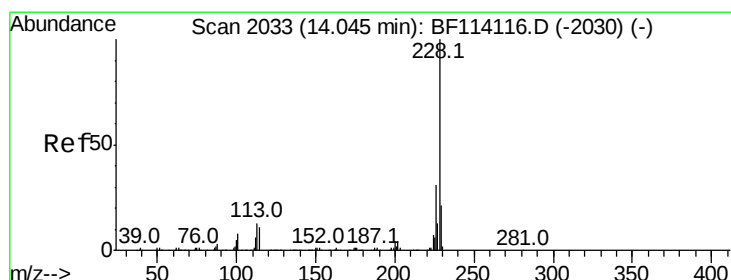
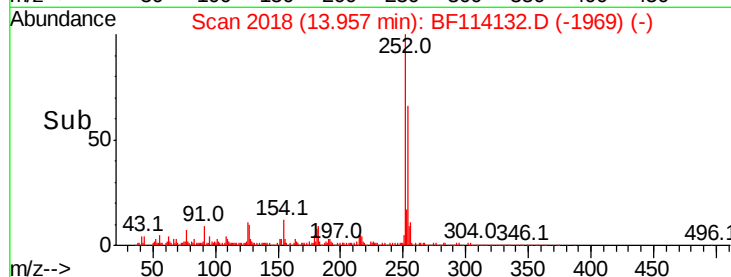
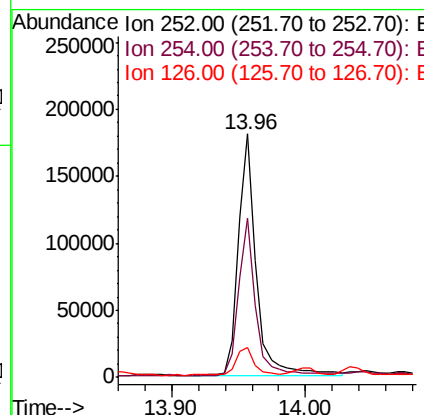
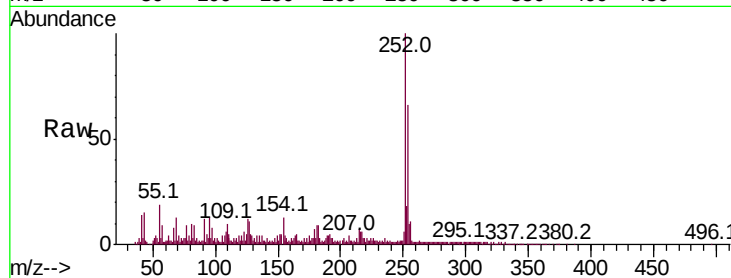




#82
 3,3'-Dichlorobenzidine
 Concen: 9.338 ng
 RT: 13.96 min Scan# 2018
 Delta R.T. -0.01 min
 Lab File: BF114132.D
 Acq: 10 May 2019 20:34

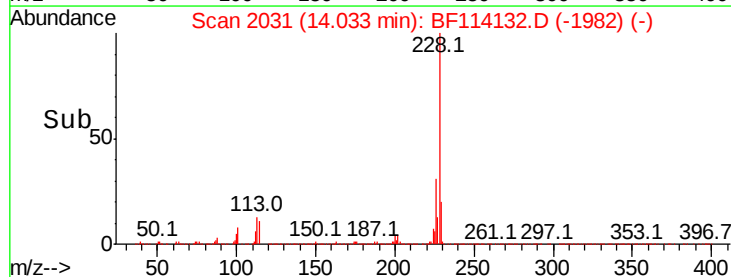
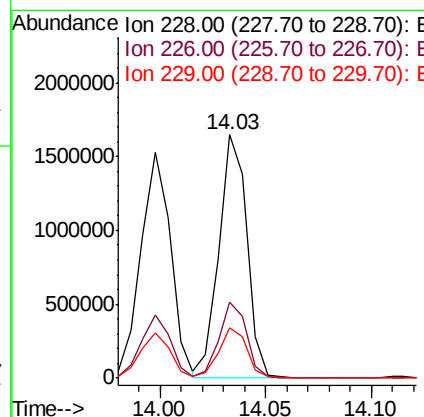
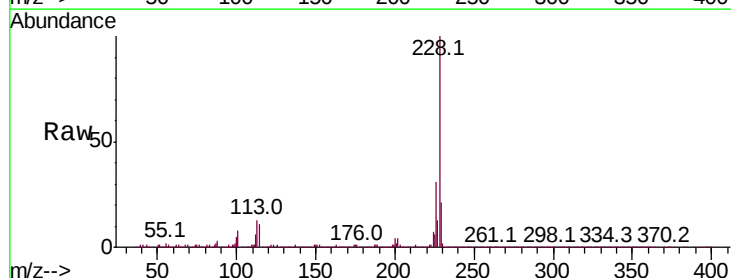
Instrument :
 BNA_F
 ClientSampleId :
 P021-SS001-0002-01MS

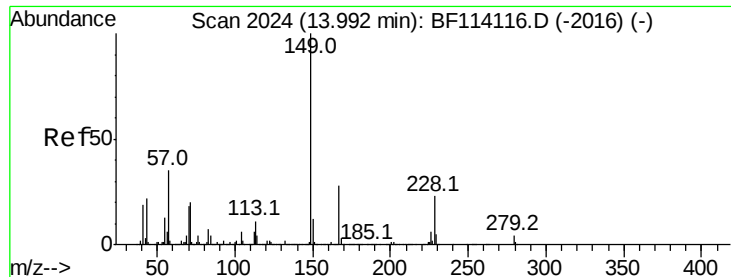
Tot Ion:252 Resp: 171386
 Ion Ratio Lower Upper
 252 100
 254 65.6 51.9 77.9
 126 12.1 7.9 11.9#



#83
 Chrysene
 Concen: 32.602 ng
 RT: 14.03 min Scan# 2031
 Delta R.T. -0.01 min
 Lab File: BF114132.D
 Acq: 10 May 2019 20:34

Tgt Ion:228 Resp: 1512067
 Ion Ratio Lower Upper
 228 100
 226 31.2 25.0 37.6
 229 20.7 17.0 25.6





#84

Bis(2-ethylhexyl)phthalate

Concen: 33.709 ng

RT: 13.99 min Scan# 2023

Delta R.T. -0.01 min

Lab File: BF114132.D

Acq: 10 May 2019 20:34

Instrument :

BNA_F

ClientSampleId :

P021-SS001-0002-01MS

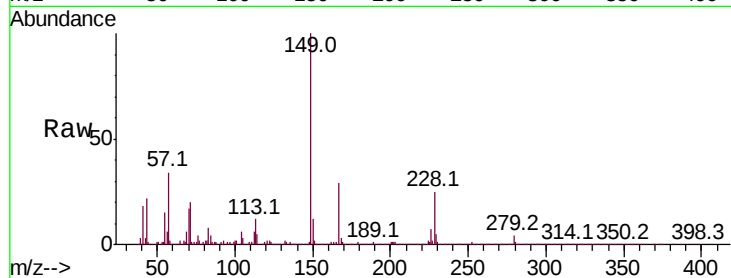
Tot Ion:149 Resp: 1091971

Ion Ratio Lower Upper

149 100

167 28.8 22.6 33.8

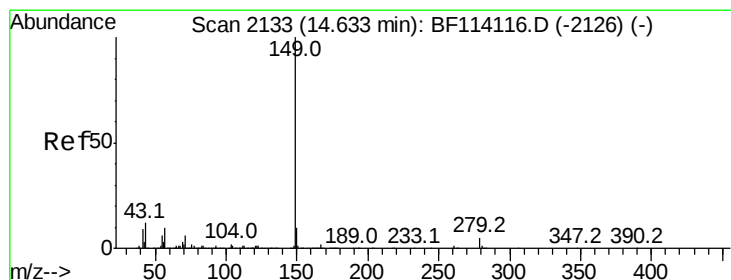
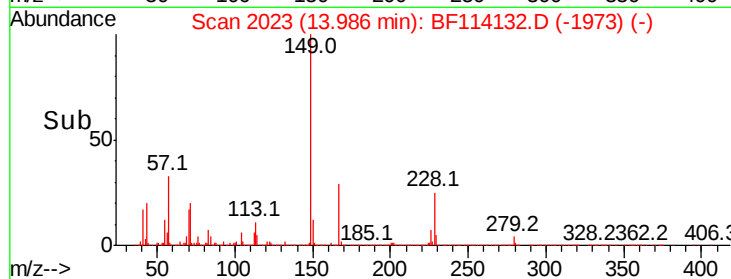
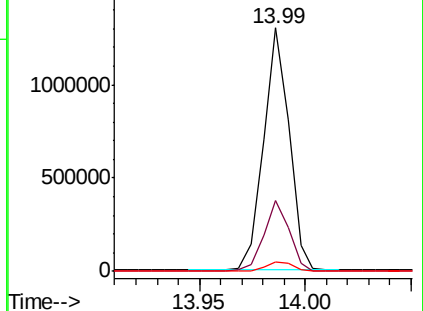
279 4.0 3.0 4.6



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: 34.366 ng

RT: 14.60 min Scan# 2128

Delta R.T. -0.03 min

Lab File: BF114132.D

Acq: 10 May 2019 20:34

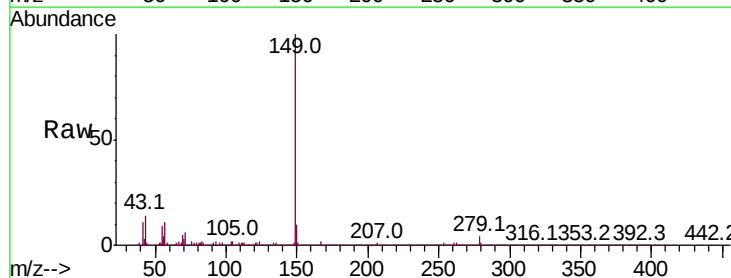
Tgt Ion:149 Resp: 1804635

Ion Ratio Lower Upper

149 100

167 1.5 1.3 1.9

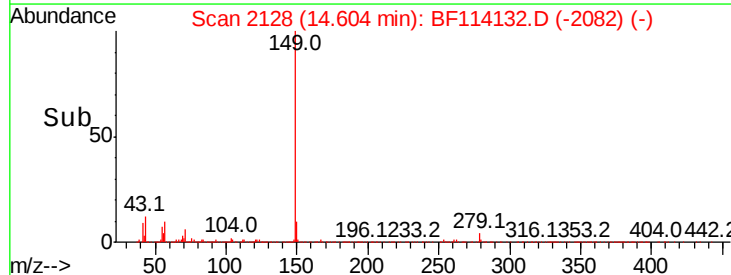
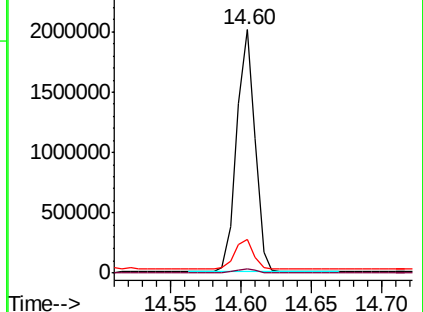
43 12.6 10.1 15.1

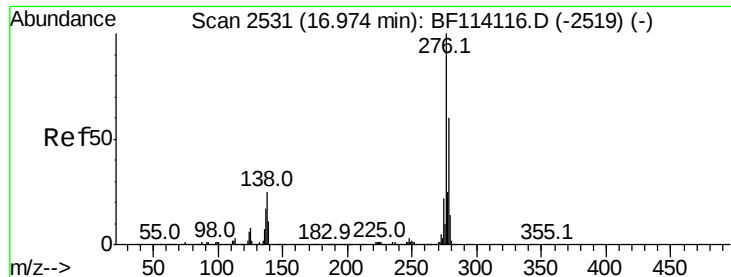


Abundance Ion 149.00 (148.70 to 149.70): E

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: 29.716 ng

RT: 16.95 min Scan# 2527

Delta R.T. -0.02 min

Lab File: BF114132.D

Acq: 10 May 2019 20:34

Instrument :

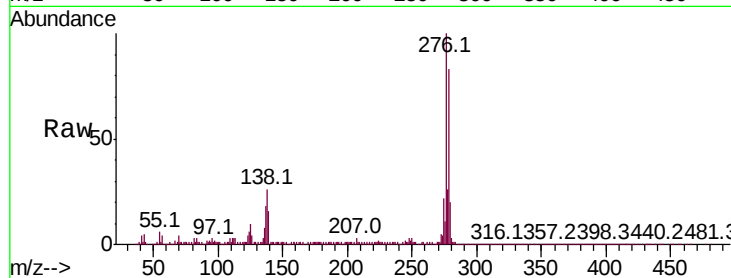
BNA_F

ClientSampleId :

P021-SS001-0002-01MS

Tot Ion:276 Resp: 1218053

Ion	Ratio	Lower	Upper
276	100		
138	26.6	20.2	30.2
277	25.3	20.0	30.0

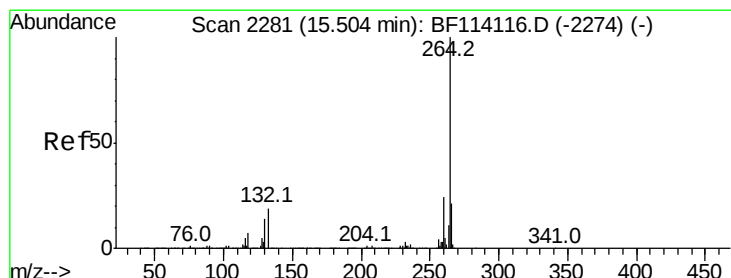
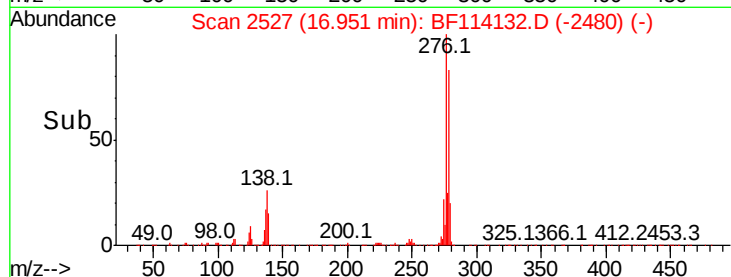
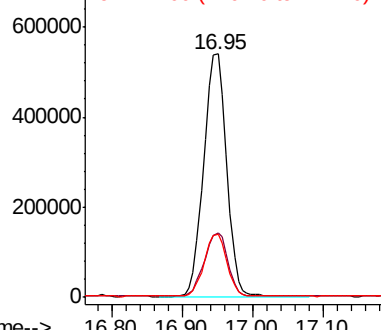


Abundance

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

Perylene-d12

Concen: 20.000 ng

RT: 15.48 min Scan# 2277

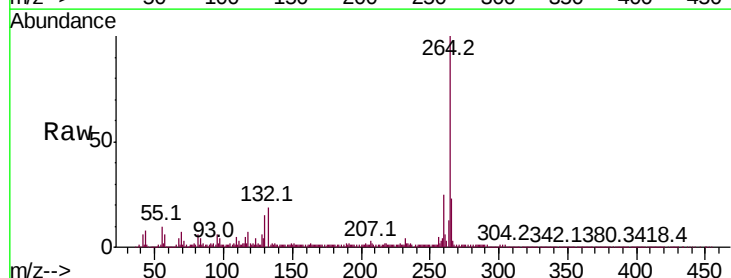
Delta R.T. -0.02 min

Lab File: BF114132.D

Acq: 10 May 2019 20:34

Tgt Ion:264 Resp: 650801

Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.4	29.0
265	22.9	16.9	25.3

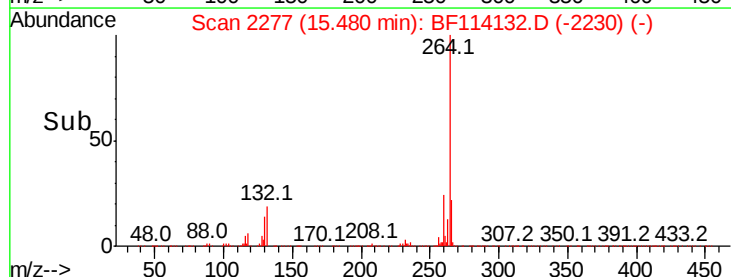
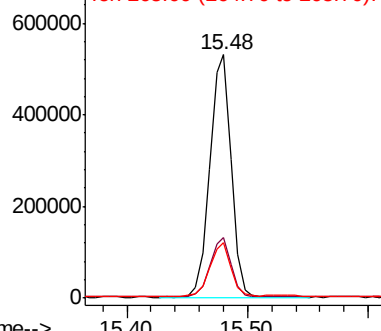


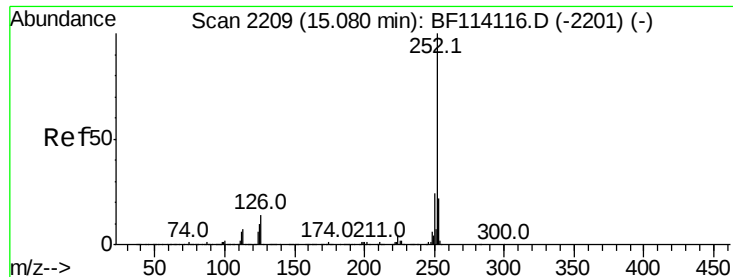
Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#88

Benzo(b)fluoranthene

Concen: 34.892 ng

RT: 15.05 min Scan# 2204

Delta R.T. -0.03 min

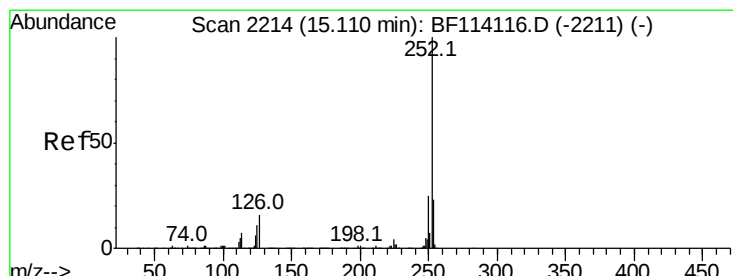
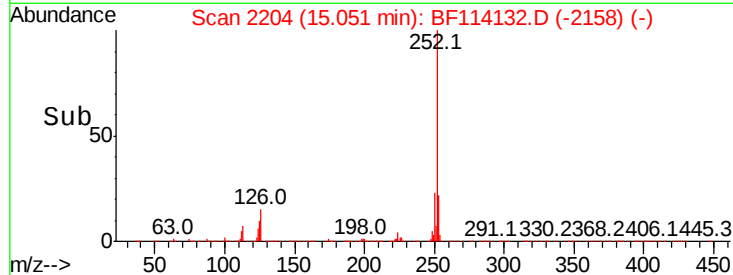
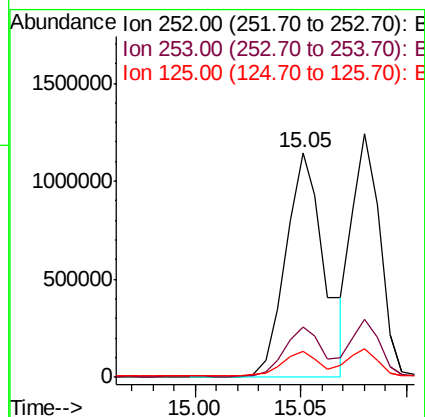
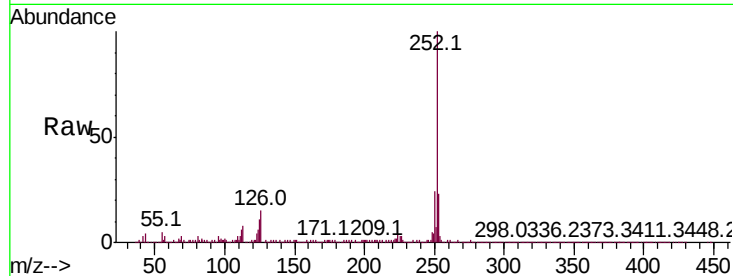
Lab File: BF114132.D

Acq: 10 May 2019 20:34

Instrument :
BNA_F
ClientSampleId :
P021-SS001-0002-01MS

Tot Ion:252 Resp: 1454784

Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.8	26.8
125	11.4	8.3	12.5



#89

Benzo(k)fluoranthene

Concen: 29.836 ng

RT: 15.08 min Scan# 2209

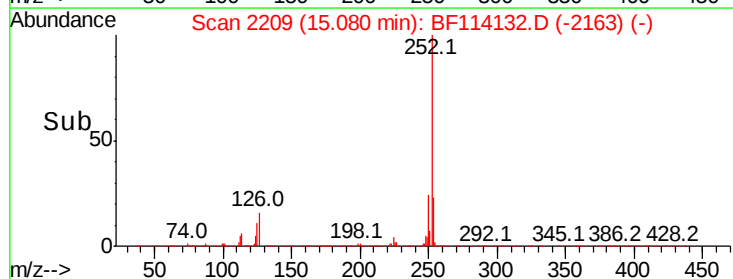
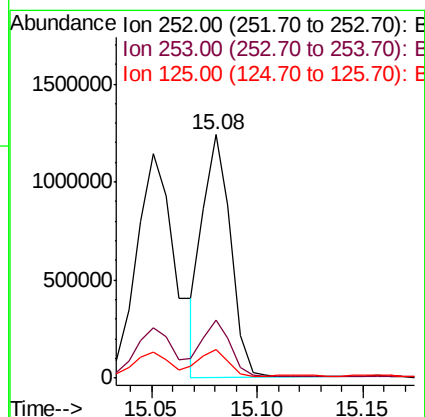
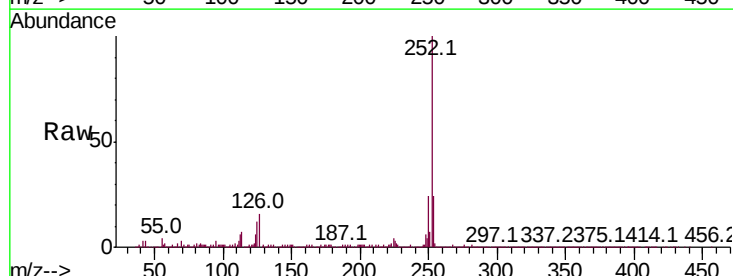
Delta R.T. -0.03 min

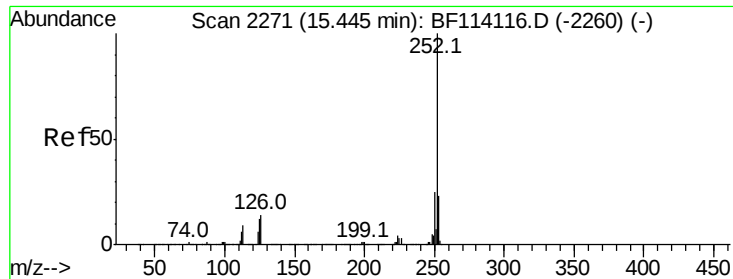
Lab File: BF114132.D

Acq: 10 May 2019 20:34

Tgt Ion:252 Resp: 1142736

Ion	Ratio	Lower	Upper
252	100		
253	23.8	18.2	27.2
125	11.7	8.6	13.0

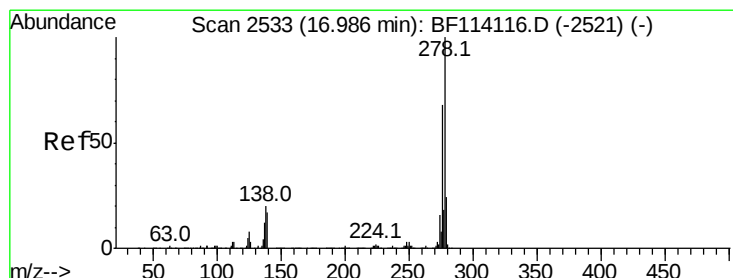
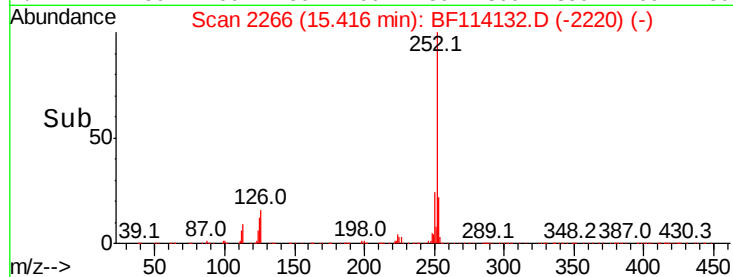
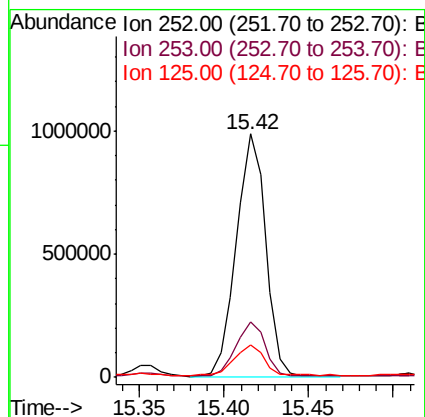
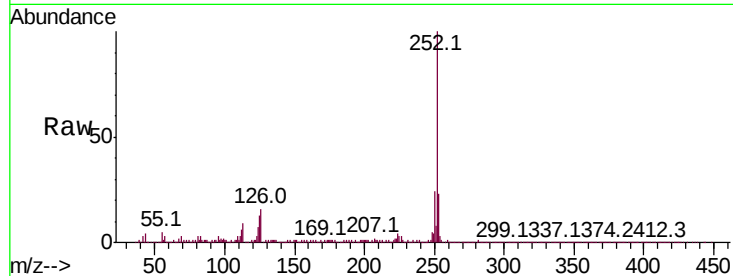




#90
Benzo(a)pyrene
Concen: 32.471 ng
RT: 15.42 min Scan# 2266
Delta R.T. -0.03 min
Lab File: BF114132.D
Acq: 10 May 2019 20:34

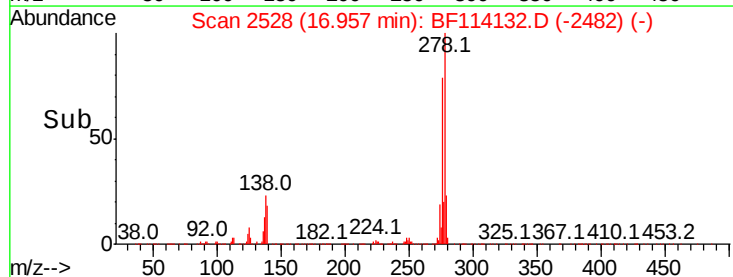
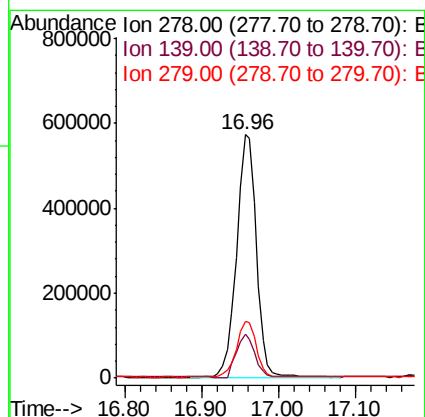
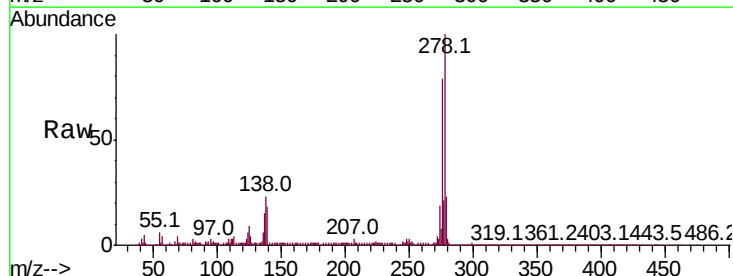
Instrument :
BNA_F
ClientSampleId :
P021-SS001-0002-01MS

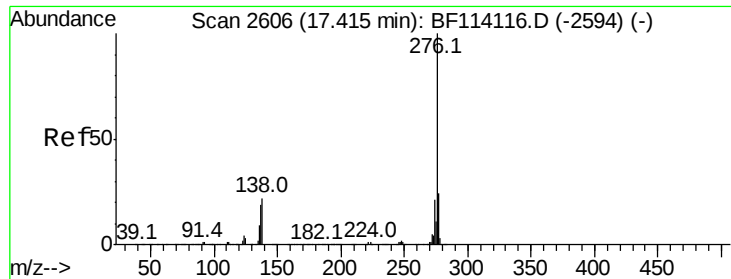
Tot Ion:252 Resp: 1191500
Ion Ratio Lower Upper
252 100
253 22.6 18.1 27.1
125 13.3 9.5 14.3



#91
Dibenzo(a,h)anthracene
Concen: 33.732 ng
RT: 16.96 min Scan# 2528
Delta R.T. -0.03 min
Lab File: BF114132.D
Acq: 10 May 2019 20:34

Tgt Ion:278 Resp: 1028524
Ion Ratio Lower Upper
278 100
139 18.3 13.5 20.3
279 23.2 19.0 28.6





#92

Benzo(a,h,i)perylene

Concen: 33.514 ng

RT: 17.39 min Scan# 2602

Delta R.T. -0.02 min

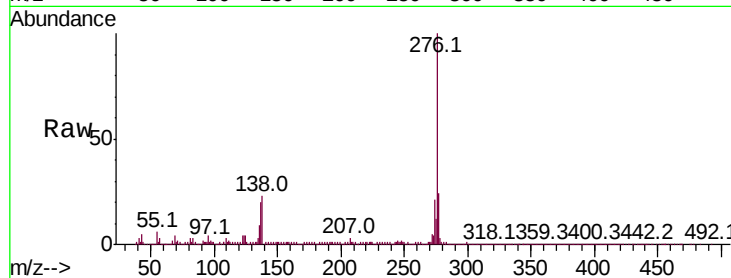
Lab File: BF114132.D

Acq: 10 May 2019 20:34

Instrument :
BNA_F
ClientSampleId :
P021-SS001-0002-01MS

Tot Ion:276 Resp: 1024080

Ion	Ratio	Lower	Upper
276	100		
277	24.3	19.0	28.4
138	22.6	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

