

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051819\
 Data File : BF114404.D
 Acq On : 18 May 2019 21:54
 Operator : JU/SJ
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 20 04:12:05 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	6.84	152	314981	20.00	ng	-0.01
21) Naphthalene-d8	8.12	136	1219895	20.00	ng	-0.01
39) Acenaphthene-d10	9.87	164	582272	20.00	ng	-0.01
64) Phenanthrene-d10	11.36	188	1098031	20.00	ng	-0.01
76) Chrysene-d12	14.00	240	576948	20.00	ng	-0.02
87) Perylene-d12	15.46	264	636400	20.00	ng	-0.05

System Monitoring Compounds

5) 2-Fluorophenol	5.47	112	1437475	73.44	ng	-0.01
7) Phenol-d6	6.49	99	1785142	77.11	ng	0.00
23) Nitrobenzene-d5	7.41	82	1740426	80.07	ng	0.00
42) 2,4,6-Tribromophenol	10.66	330	425684	70.71	ng	-0.01
45) 2-Fluorobiphenyl	9.19	172	2781737	72.27	ng	-0.02
79) Terphenyl-d14	12.94	244	2551408	91.16	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.58	88	360137	33.475	ng	99
3) Pyridine	3.33	79	1031806	34.809	ng	98
4) n-Nitrosodimethylamine	3.30	42	513490	35.923	ng	96
6) Aniline	6.51	93	1217225	36.400	ng	# 82
8) 2-Chlorophenol	6.63	128	833134	39.872	ng	95
9) Benzaldehyde	6.39	77	569838	35.161	ng	98
10) Phenol	6.50	94	998848	36.678	ng	80
11) bis(2-Chloroethyl)ether	6.57	93	846313	40.935	ng	98
12) 1,3-Dichlorobenzene	6.78	146	922493	39.330	ng	98
13) 1,4-Dichlorobenzene	6.86	146	925056	39.139	ng	97
14) 1,2-Dichlorobenzene	7.01	146	844836	39.125	ng	98
15) Benzyl Alcohol	6.99	79	672843	37.266	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.12	45	1523369	38.002	ng	80
17) 2-Methylphenol	7.10	107	654267	38.117	ng	# 93
18) Hexachloroethane	7.35	117	349877	39.437	ng	96
19) n-Nitroso-di-n-propylamine	7.26	70	561365	38.257	ng	97
20) 3+4-Methylphenols	7.26	107	776990	39.179	ng	# 85
22) Acetophenone	7.25	105	1086675	40.211	ng	# 94
24) Nitrobenzene	7.43	77	898132	40.567	ng	96
25) Isophorone	7.66	82	1647365	40.863	ng	99
26) 2-Nitrophenol	7.74	139	456237	42.475	ng	97
27) 2,4-Dimethylphenol	7.78	122	626150	37.116	ng	99
28) bis(2-Chloroethoxy)methane	7.87	93	1061087	40.566	ng	100
29) 2,4-Dichlorophenol	7.99	162	678738	40.404	ng	99
30) 1,2,4-Trichlorobenzene	8.06	180	761326	39.855	ng	98
31) Naphthalene	8.15	128	2258329	39.631	ng	99
32) Benzoic acid	7.93	122	358826	32.488	ng	98
33) 4-Chloroaniline	8.19	127	1053204	40.560	ng	99
34) Hexachlorobutadiene	8.26	225	427649	39.346	ng	98
35) Caprolactam	8.58	113	237031	43.273	ng	95
36) 4-Chloro-3-methylphenol	8.69	107	712184	42.118	ng	98
37) 2-Methylnaphthalene	8.83	142	1500051	40.801	ng	98
38) 1-Methylnaphthalene	8.93	142	1429012	41.274	ng	98
40) 1,2,4,5-Tetrachlorobenzene	9.00	216	703425	39.881	ng	99

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051819\
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 Acq On : 18 May 2019 21:54
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 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

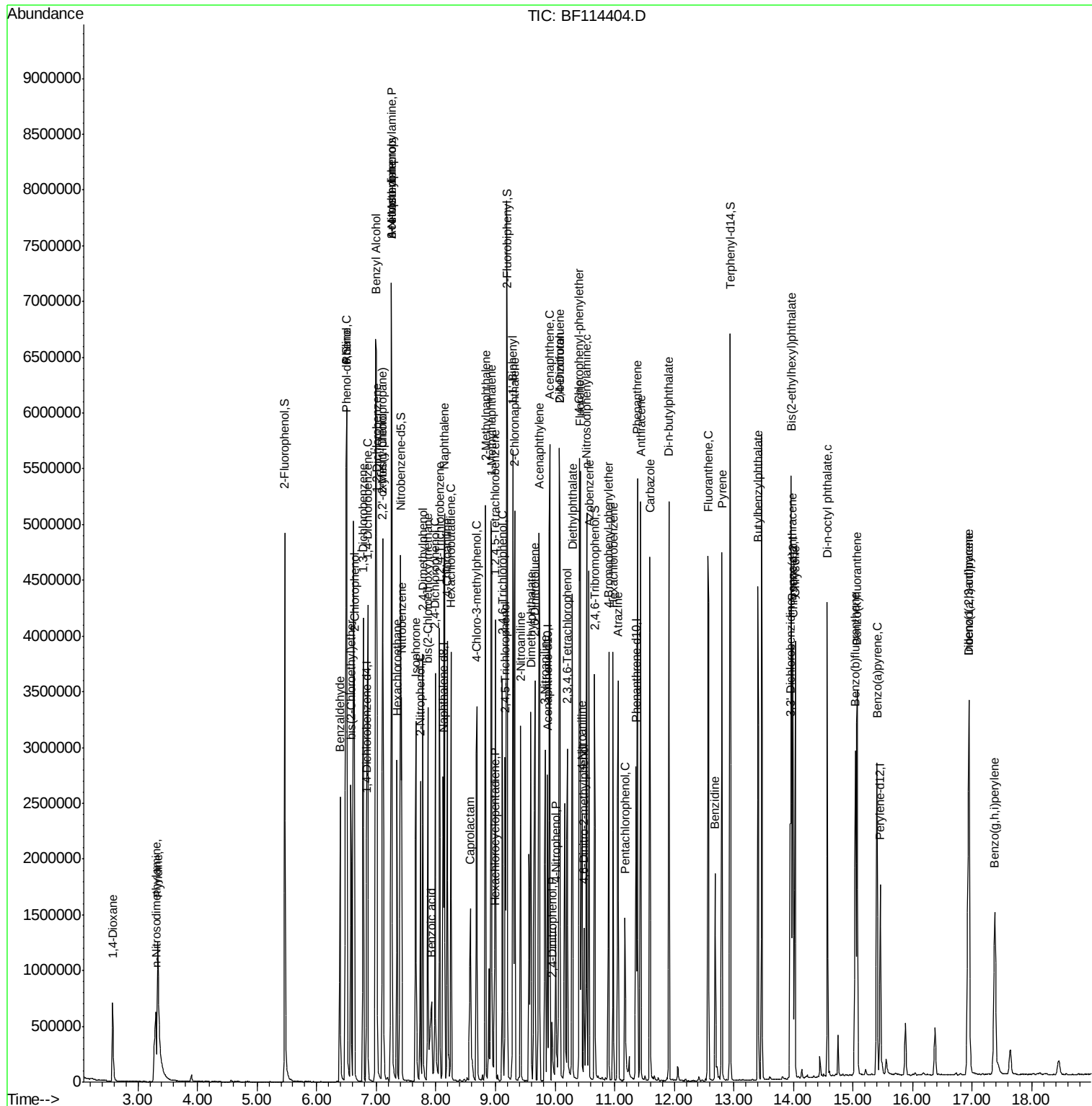
Instrument :
 BNA_F
 ClientSampleId :

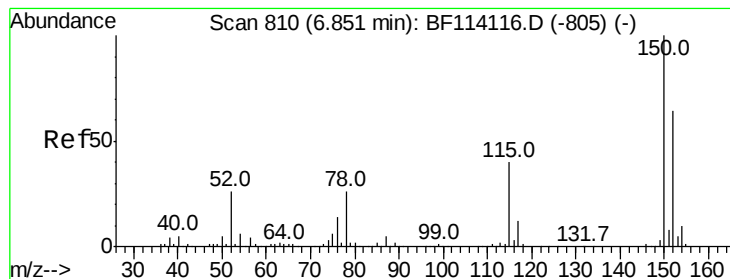
Quant Time: May 20 04:12:05 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF051019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 10 15:56:46 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.98	237	119825	18.118	nq	100
43) 2,4,6-Trichlorophenol	9.12	196	475559	39.198	nq	99
44) 2,4,5-Trichlorophenol	9.16	196	480698	38.635	nq	97
46) 1,1'-Biphenyl	9.29	154	1826867	38.837	nq	99
47) 2-Chloronaphthalene	9.32	162	1456312	38.469	nq	99
48) 2-Nitroaniline	9.42	65	543372	40.472	nq	99
49) Acenaphthylene	9.73	152	2189696	38.030	nq	99
50) Dimethylphthalate	9.59	163	1751668	40.980	nq	99
51) 2,6-Dinitrotoluene	9.66	165	378341	39.907	nq	95
52) Acenaphthene	9.91	154	1327633	37.575	nq	99
53) 3-Nitroaniline	9.83	138	484567	41.174	nq	99
54) 2,4-Dinitrophenol	9.95	184	95198	25.031	nq	93
55) Dibenzofuran	10.08	168	1869289	36.080	nq	98
56) 4-Nitrophenol	10.01	139	244675	29.398	nq	92
57) 2,4-Dinitrotoluene	10.07	165	466249	36.233	nq	# 82
58) Fluorene	10.42	166	1521992	38.032	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.20	232	386930	36.042	nq	98
60) Diethylphthalate	10.29	149	1690847	38.932	nq	99
61) 4-Chlorophenyl-phenylether	10.41	204	752375	38.279	nq	99
62) 4-Nitroaniline	10.45	138	482654	39.028	nq	98
63) Azobenzene	10.57	77	1622413	38.593	nq	99
65) 4,6-Dinitro-2-methylphenol	10.49	198	176939	33.535	nq	94
66) n-Nitrosodiphenylamine	10.53	169	1378203	41.356	nq	99
67) 4-Bromophenyl-phenylether	10.90	248	494444	40.898	nq	100
68) Hexachlorobenzene	10.97	284	527591	39.447	nq	99
69) Atrazine	11.06	200	402077	38.770	nq	97
70) Pentachlorophenol	11.17	266	243810	38.455	nq	99
71) Phenanthrene	11.39	178	2114583	39.584	nq	100
72) Anthracene	11.43	178	2124546	39.595	nq	99
73) Carbazole	11.59	167	1998865	39.066	nq	100
74) Di-n-butylphthalate	11.91	149	2590700	43.949	nq	98
75) Fluoranthene	12.57	202	2085833	36.258	nq	98
77) Benzidine	12.69	184	813917	31.427	nq	96
78) Pyrene	12.80	202	2047824	44.122	nq	100
80) Butylbenzylphthalate	13.40	149	1021236	52.276	nq	95
81) Benzo(a)anthracene	13.99	228	1558796	41.772	nq	99
82) 3,3'-Dichlorobenzidine	13.94	252	617836	42.679	nq	99
83) Chrysene	14.03	228	1484842	40.591	nq	98
84) Bis(2-ethylhexyl)phthalate	13.96	149	1383401	54.145	nq	99
85) Di-n-octyl phthalate	14.57	149	2031580	49.051	nq	100
86) Indeno(1,2,3-cd)pyrene	16.94	276	1741132	53.856	nq	100
88) Benzo(b)fluoranthene	15.04	252	1624701	39.849	nq	100
89) Benzo(k)fluoranthene	15.07	252	1440557	38.463	nq	99
90) Benzo(a)pyrene	15.40	252	1501653	41.850	nq	99
91) Dibenzo(a,h)anthracene	16.94	278	1421884	47.688	nq	99
92) Benzo(g,h,i)perylene	17.38	276	1403501	46.970	nq	98

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

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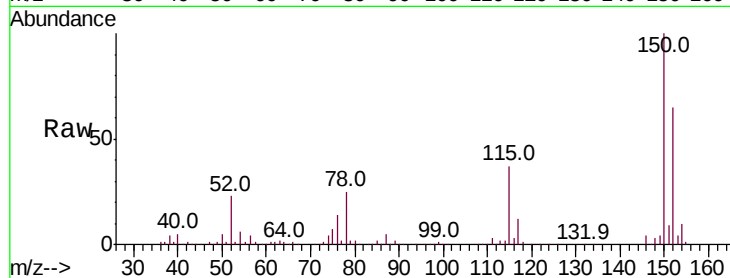


#1

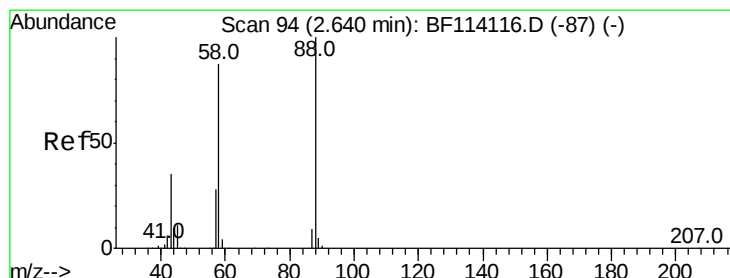
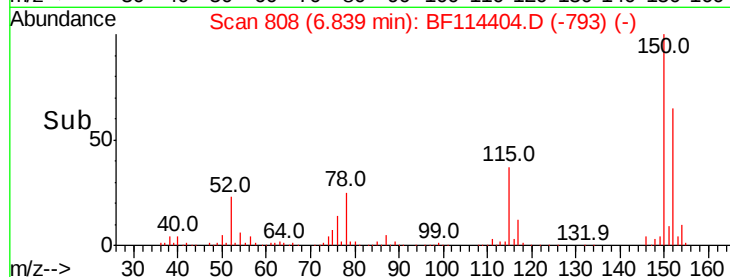
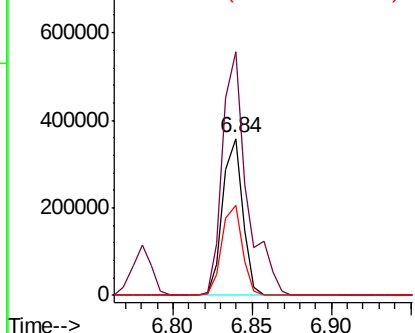
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.84 min Scan# 808
Delta R.T. -0.01 min
Lab File: BF114404.D
Acq: 18 May 2019 21:54

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 314981
Ion Ratio Lower Upper
152 100
150 155.0 124.3 186.5
115 57.3 49.1 73.7



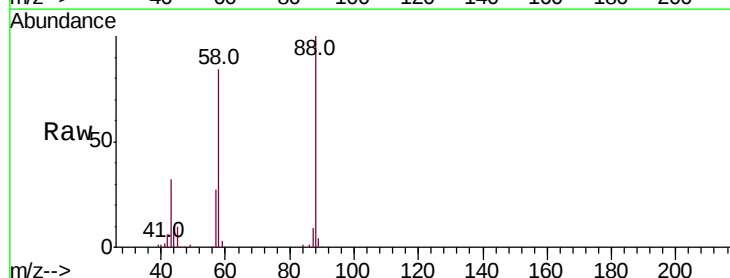
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



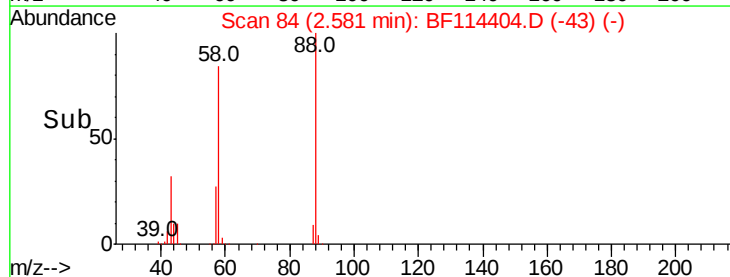
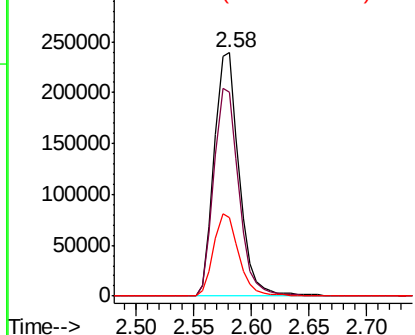
#2

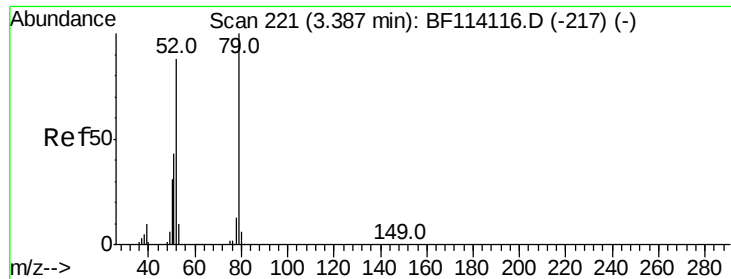
1,4-Dioxane
Concen: 33.475 ng
RT: 2.58 min Scan# 84
Delta R.T. -0.06 min
Lab File: BF114404.D
Acq: 18 May 2019 21:54

Tgt Ion: 88 Resp: 360137
Ion Ratio Lower Upper
88 100
58 86.0 68.7 103.1
43 33.4 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: 34.809 ng

RT: 3.33 min Scan# 212

Delta R.T. -0.05 min

Lab File: BF114404.D

Acq: 18 May 2019 21:54

Instrument :

BNA_F

ClientSampled :

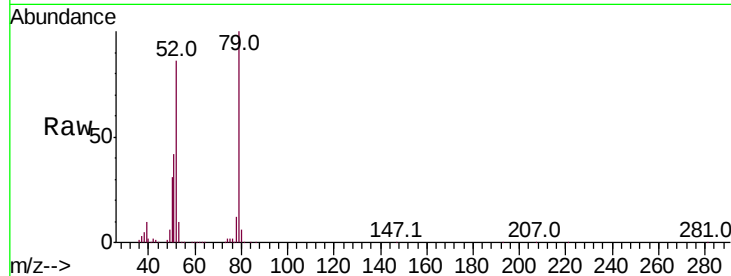
Tot Ion: 79 Resp: 1031806

Ion Ratio Lower Upper

79 100

52 85.8 70.6 105.8

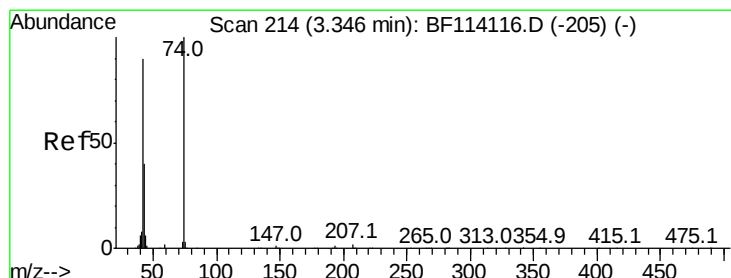
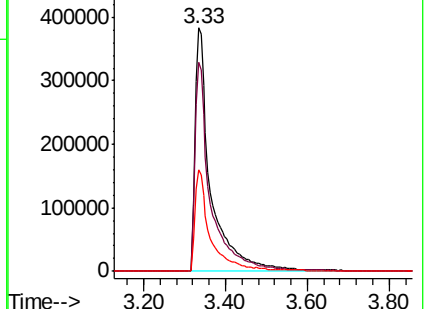
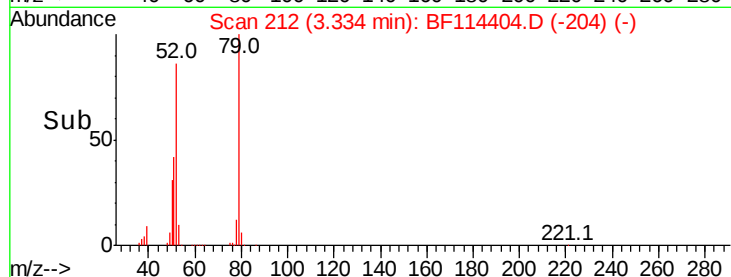
51 41.6 34.2 51.2



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 52.00 (51.70 to 52.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 35.923 ng

RT: 3.30 min Scan# 207

Delta R.T. -0.04 min

Lab File: BF114404.D

Acq: 18 May 2019 21:54

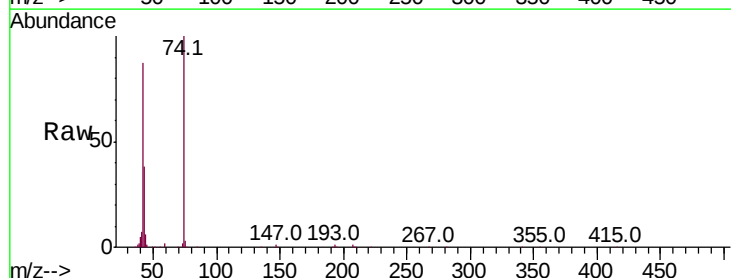
Tgt Ion: 42 Resp: 513490

Ion Ratio Lower Upper

42 100

74 115.4 88.6 132.8

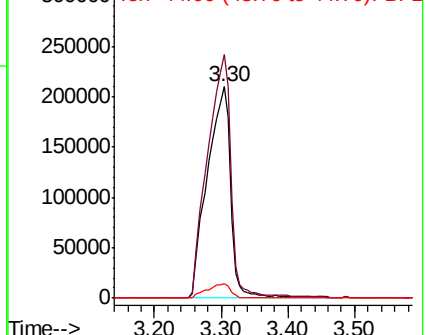
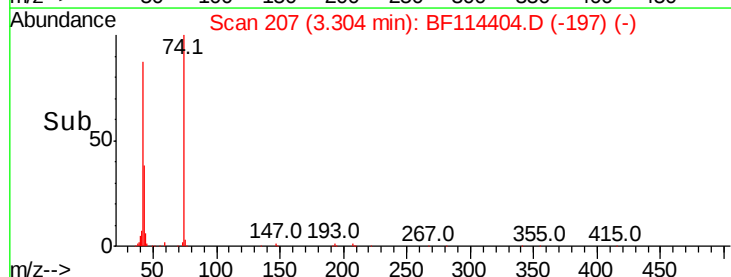
44 7.0 5.5 8.3



Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 73.442 ng

RT: 5.47 min Scan# 575

Delta R.T. -0.01 min

Lab File: BF114404.D

Acq: 18 May 2019 21:54

Instrument :

BNA_F

ClientSampleId :

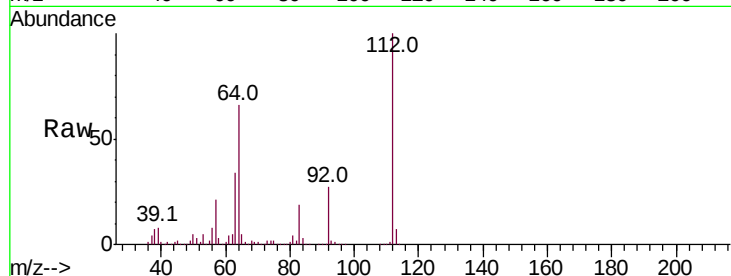
Tot Ion:112 Resp: 1437475

Ion Ratio Lower Upper

112 100

64 65.9 49.0 73.6

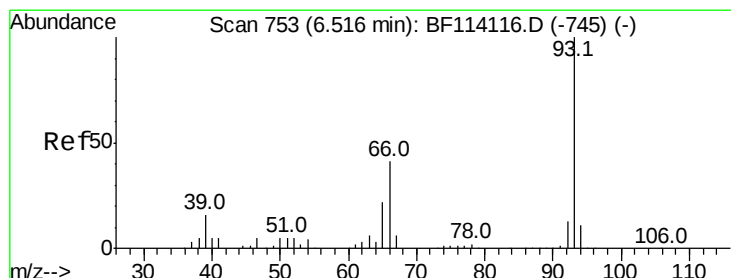
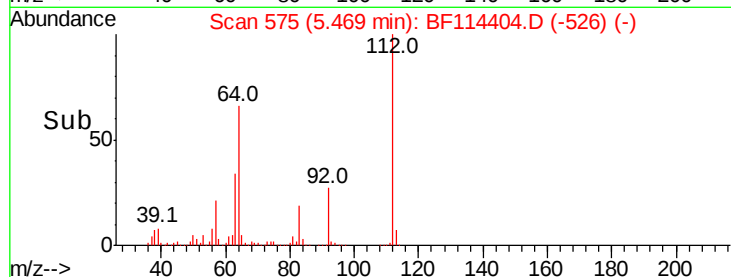
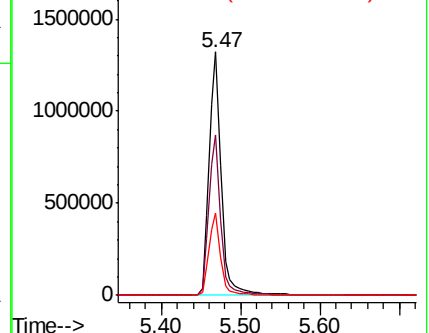
63 33.6 24.6 37.0



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 36.400 ng

RT: 6.51 min Scan# 752

Delta R.T. -0.01 min

Lab File: BF114404.D

Acq: 18 May 2019 21:54

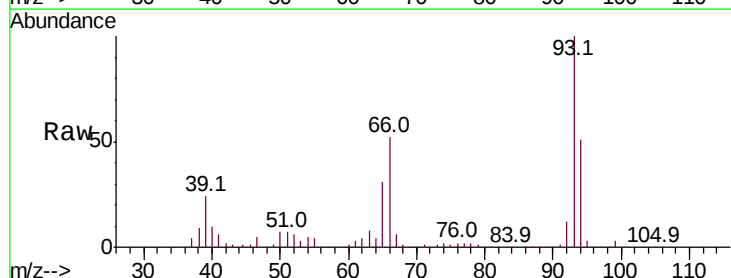
Tgt Ion: 93 Resp: 1217225

Ion Ratio Lower Upper

93 100

66 52.4 33.2 49.8#

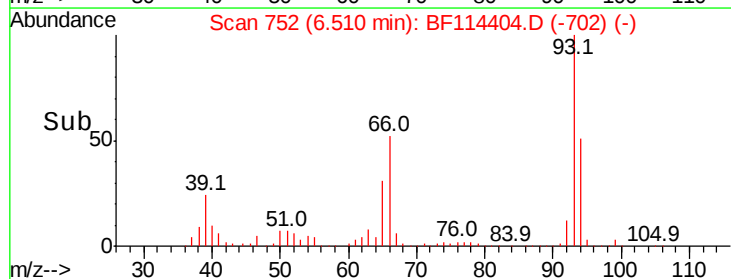
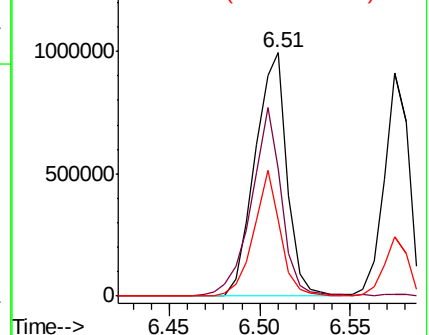
65 31.1 17.6 26.4#



Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 77.113 ng

RT: 6.49 min Scan# 749

Delta R.T. -0.00 min

Lab File: BF114404.D

Acq: 18 May 2019 21:54

Instrument :

BNA_F

ClientSampleId :

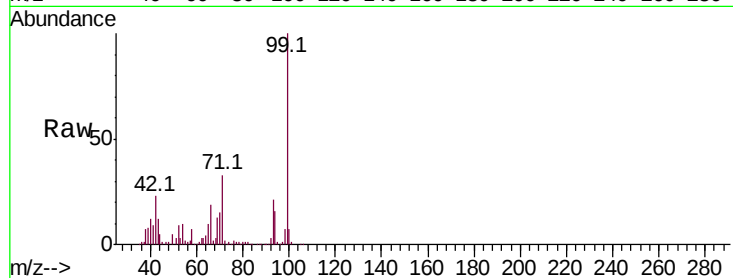
Tot Ion: 99 Resp: 1785142

Ion Ratio Lower Upper

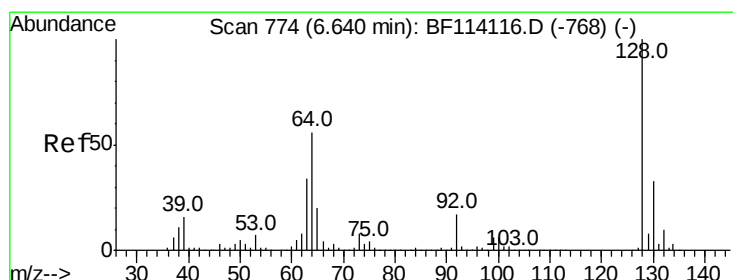
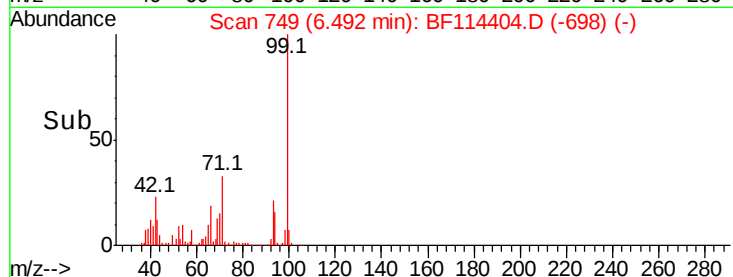
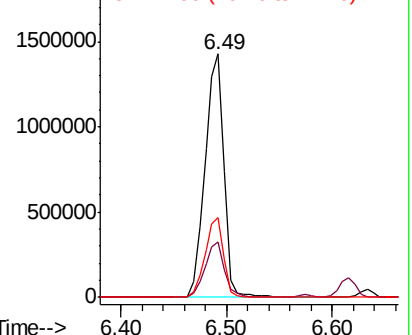
99 100

42 22.8 17.9 26.9

71 32.7 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: 39.872 ng

RT: 6.63 min Scan# 773

Delta R.T. -0.01 min

Lab File: BF114404.D

Acq: 18 May 2019 21:54

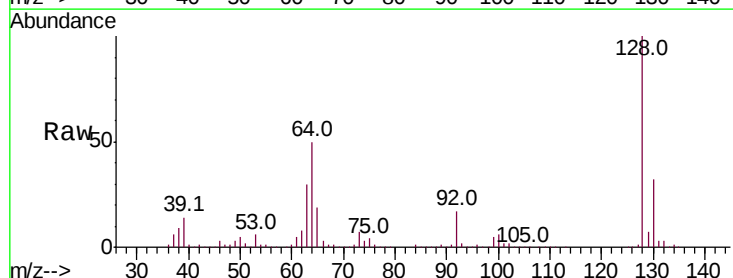
Tgt Ion: 128 Resp: 833134

Ion Ratio Lower Upper

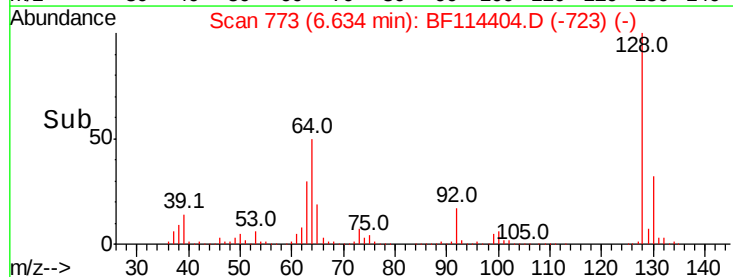
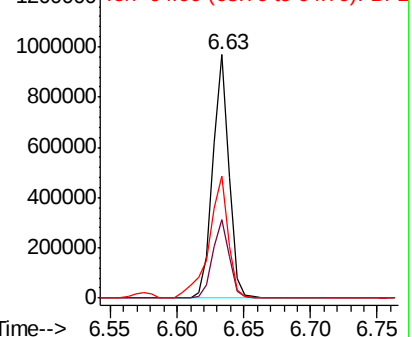
128 100

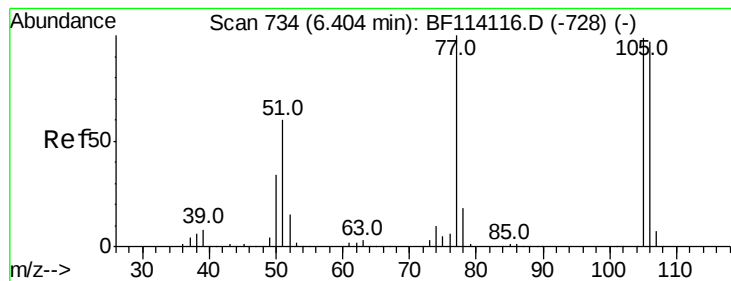
130 32.4 12.6 52.6

64 50.0 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: 35.161 ng

RT: 6.39 min Scan# 732

Delta R.T. -0.01 min

Lab File: BF114404.D

Acq: 18 May 2019 21:54

Instrument :

BNA_F

ClientSampleId :

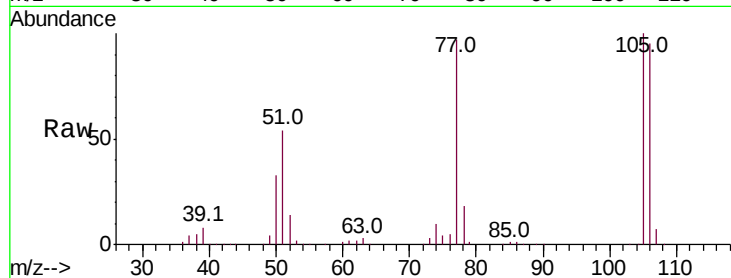
Tot Ion: 77 Resp: 569838

Ion Ratio Lower Upper

77 100

105 103.0 79.3 119.3

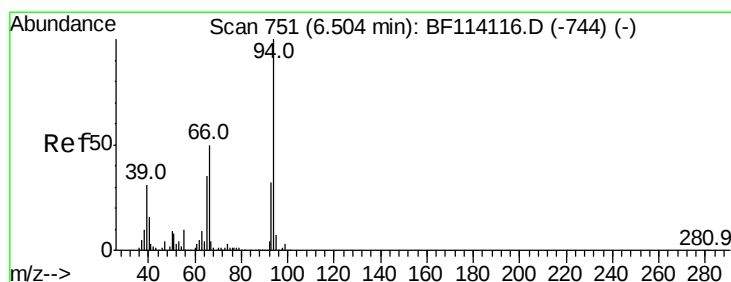
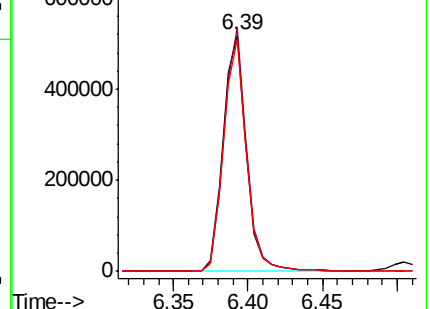
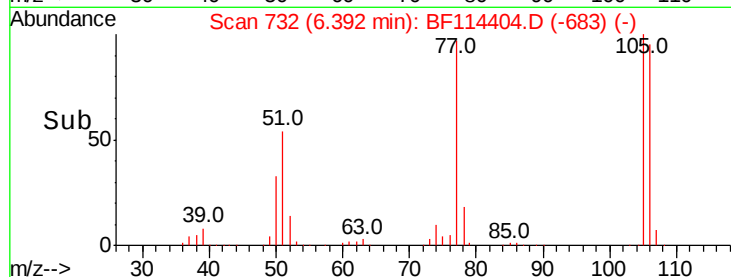
106 98.1 77.0 117.0



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: 36.678 ng

RT: 6.50 min Scan# 751

Delta R.T. -0.00 min

Lab File: BF114404.D

Acq: 18 May 2019 21:54

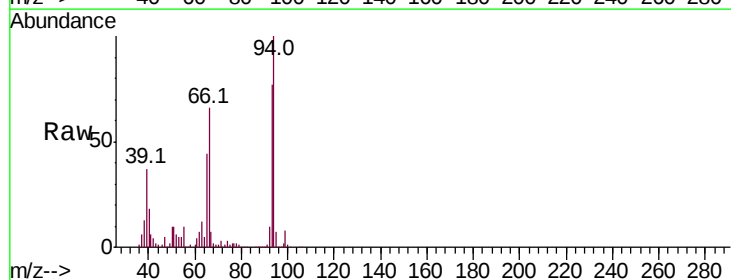
Tgt Ion: 94 Resp: 998848

Ion Ratio Lower Upper

94 100

65 43.6 14.7 54.7

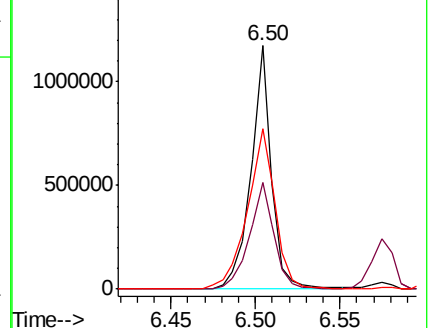
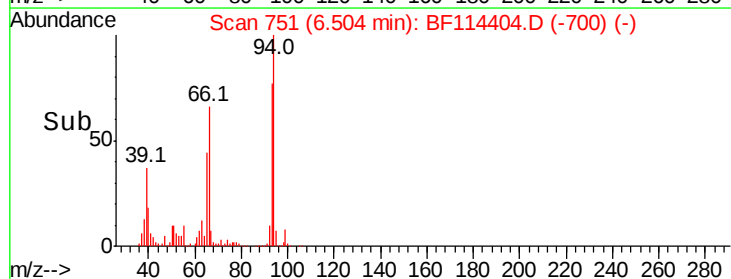
66 65.7 29.6 69.6



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

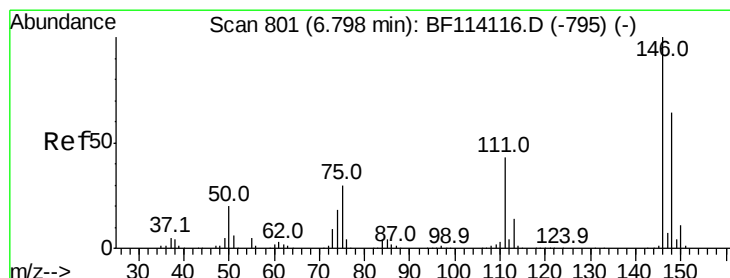
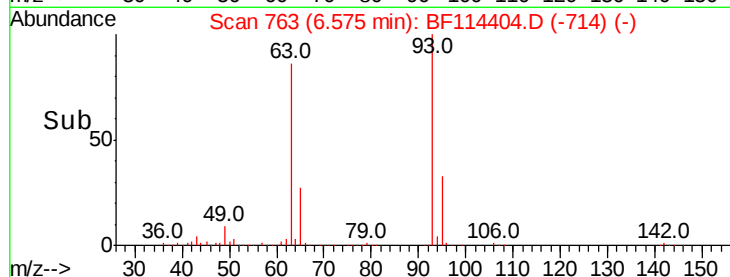
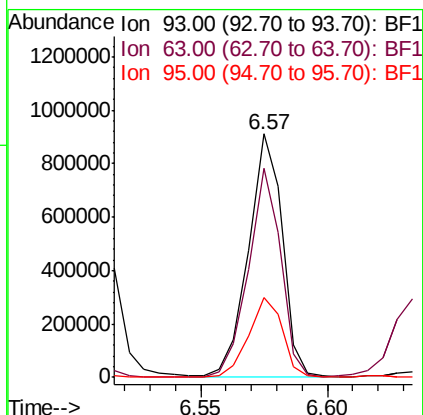
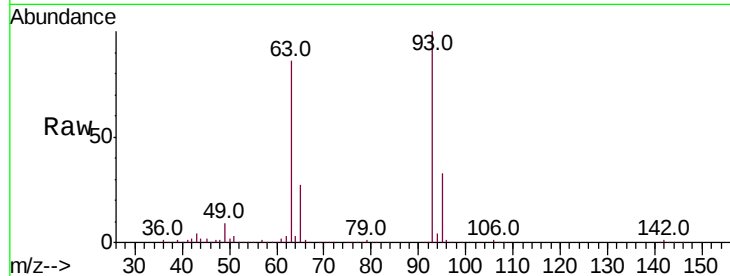




#11
bis(2-Chloroethyl)ether
Concen: 40.935 ng
RT: 6.57 min Scan# 763
Delta R.T. -0.01 min
Lab File: BF114404.D
Acq: 18 May 2019 21:54

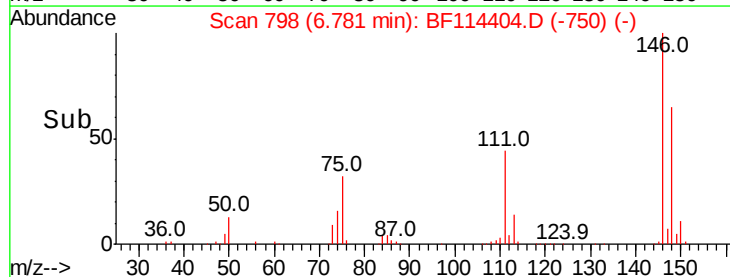
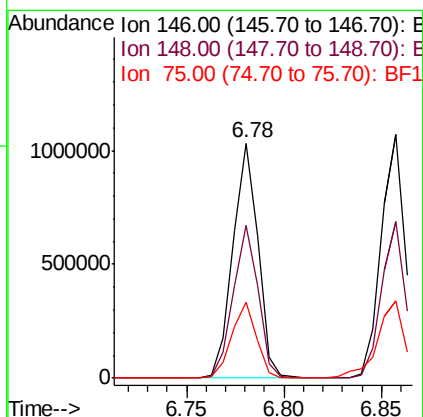
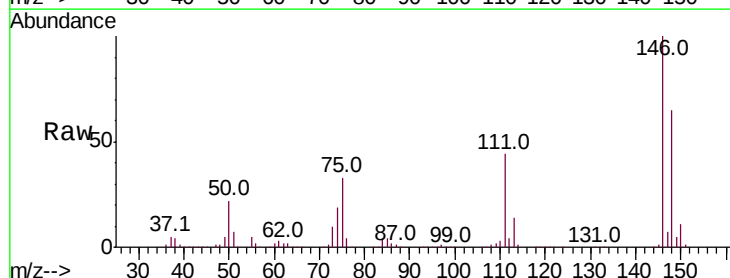
Instrument :
BNA_F
ClientSampleId :

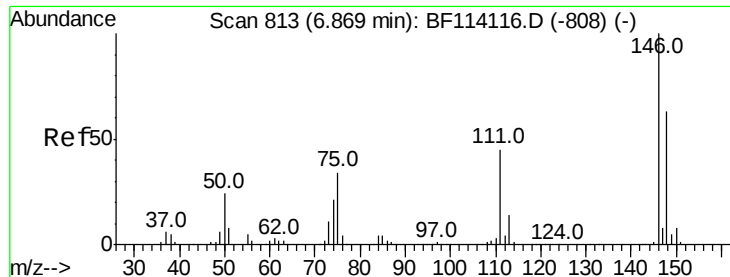
Tot Ion: 93 Resp: 846313
Ion Ratio Lower Upper
93 100
63 85.6 63.6 103.6
95 32.9 13.1 53.1



#12
1,3-Dichlorobenzene
Concen: 39.330 ng
RT: 6.78 min Scan# 798
Delta R.T. -0.02 min
Lab File: BF114404.D
Acq: 18 May 2019 21:54

Tgt Ion: 146 Resp: 922493
Ion Ratio Lower Upper
146 100
148 64.8 51.6 77.4
75 32.6 24.2 36.2

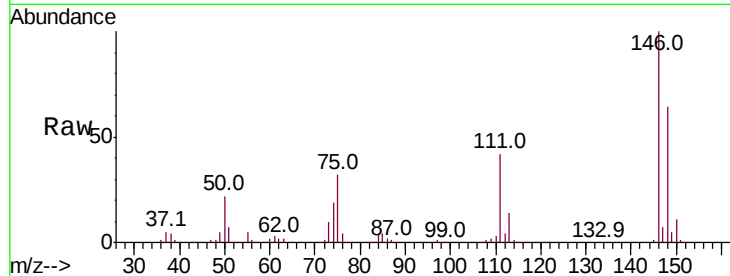




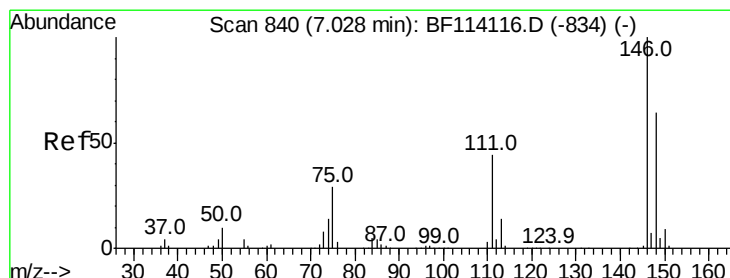
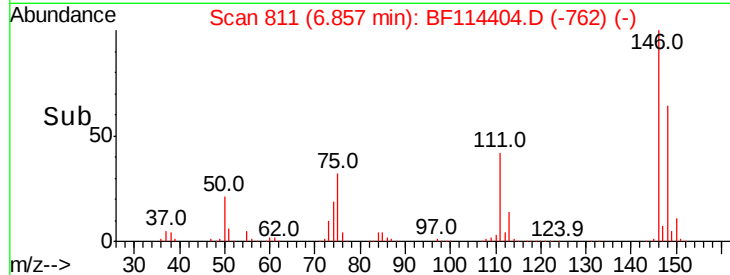
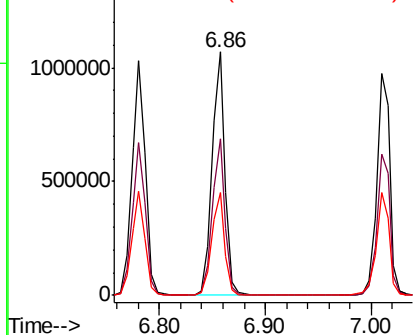
#13
 1,4-Dichlorobenzene
 Concen: 39.139 ng
 RT: 6.86 min Scan# 811
 Delta R.T. -0.01 min
 Lab File: BF114404.D
 Acq: 18 May 2019 21:54

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.2	50.2	75.2
111	42.3	35.8	53.6

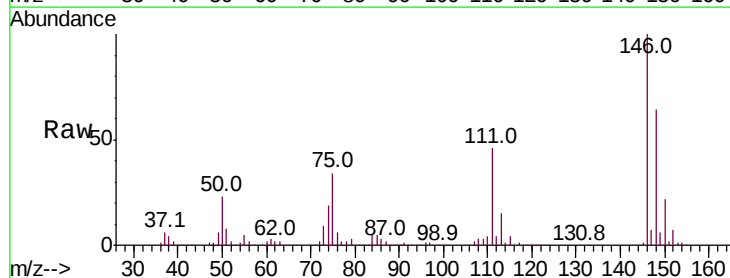


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

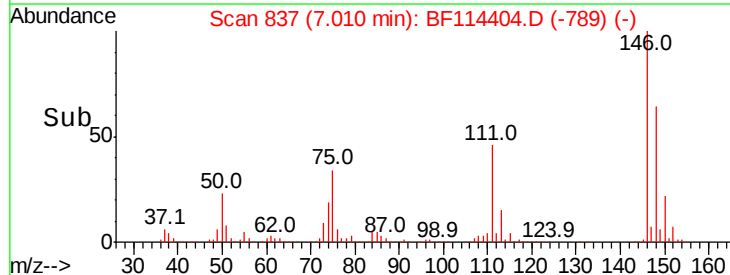
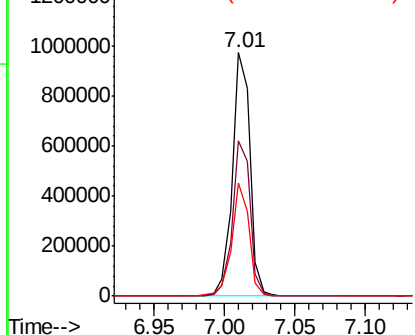


#14
 1,2-Dichlorobenzene
 Concen: 39.125 ng
 RT: 7.01 min Scan# 837
 Delta R.T. -0.02 min
 Lab File: BF114404.D
 Acq: 18 May 2019 21:54

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.6	51.1	76.7
111	46.5	35.3	52.9



Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 37.266 ng

RT: 6.99 min Scan# 833

Delta R.T. -0.01 min

Lab File: BF114404.D

Acq: 18 May 2019 21:54

Instrument :

BNA_F

ClientSampled :

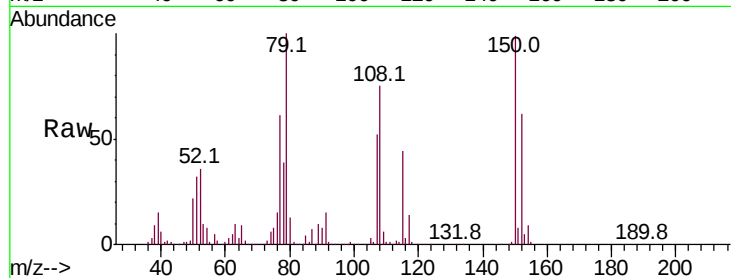
Tot Ion: 79 Resp: 672843

Ion Ratio Lower Upper

79 100

108 75.5 62.1 93.1

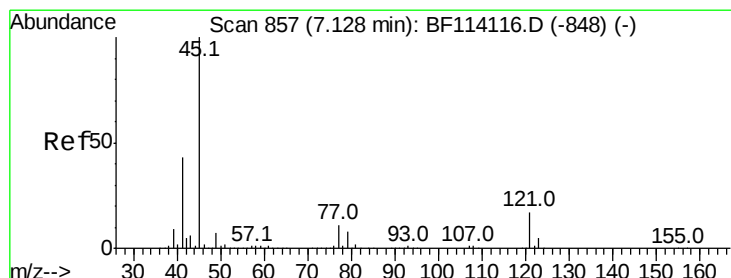
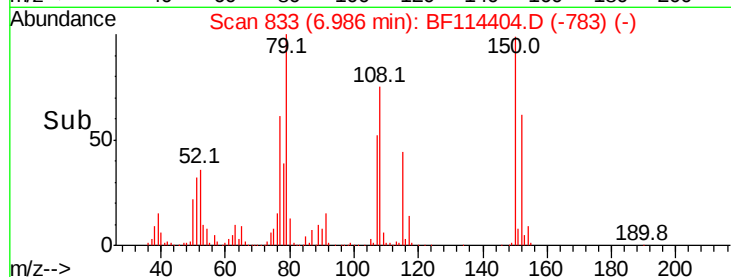
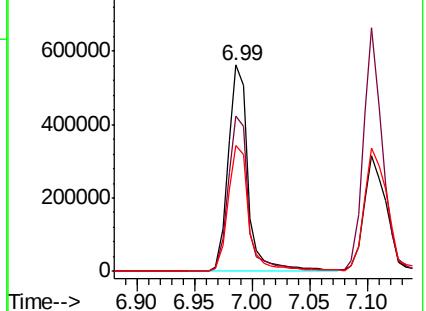
77 60.8 51.0 76.6



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1



#16

2,2'-oxybis(1-Chloropropane)

Concen: 38.002 ng

RT: 7.12 min Scan# 855

Delta R.T. -0.01 min

Lab File: BF114404.D

Acq: 18 May 2019 21:54

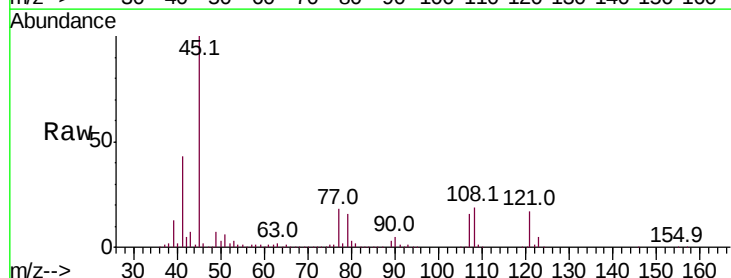
Tgt Ion: 45 Resp: 1523369

Ion Ratio Lower Upper

45 100

77 18.3 0.0 31.1

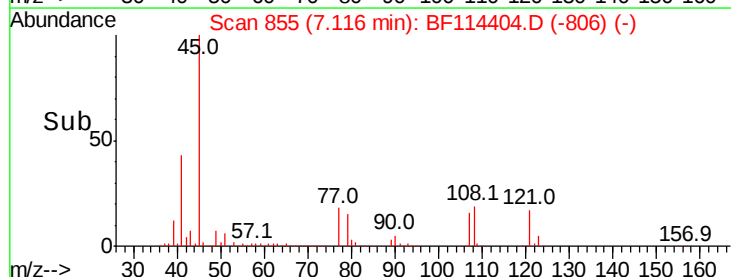
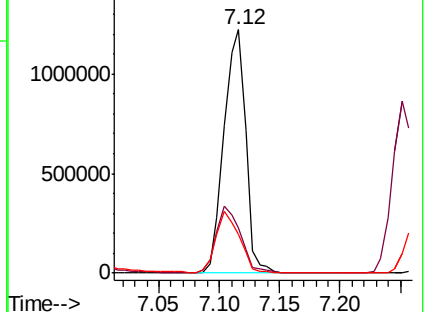
79 15.7 0.0 28.4

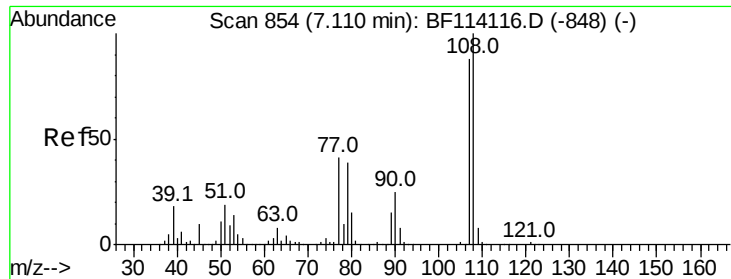


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

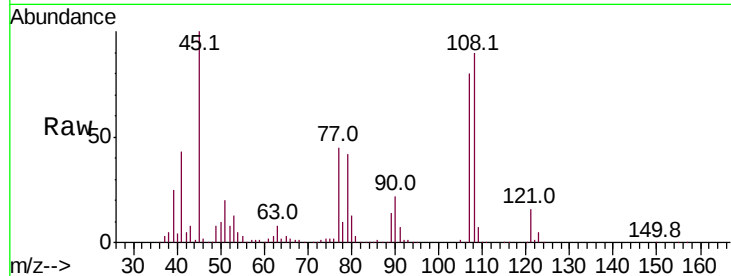




#17
2-Methylphenol
Concen: 38.117 ng
RT: 7.10 min Scan# 853
Delta R.T. -0.01 min
Lab File: BF114404.D
Acq: 18 May 2019 21:54

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
107	100		
108	112.4	90.5	135.7
77	56.9	37.0	55.4
79	53.2	35.8	53.8



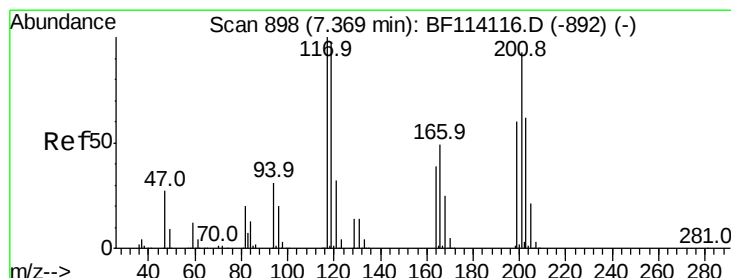
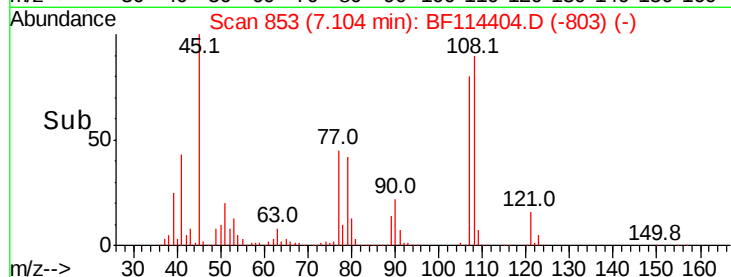
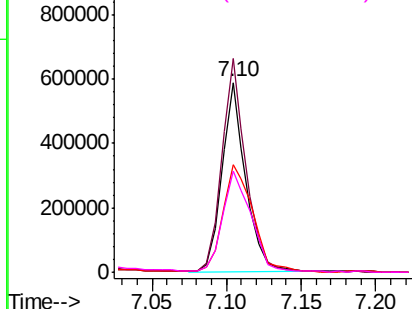
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

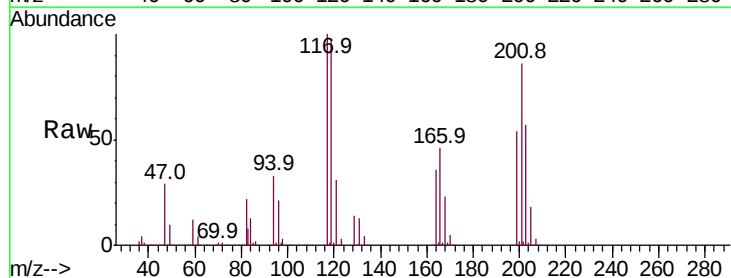
Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18
Hexachloroethane
Concen: 39.437 ng
RT: 7.35 min Scan# 894
Delta R.T. -0.02 min
Lab File: BF114404.D
Acq: 18 May 2019 21:54

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.0	77.4	116.2
201	86.3	74.5	111.7

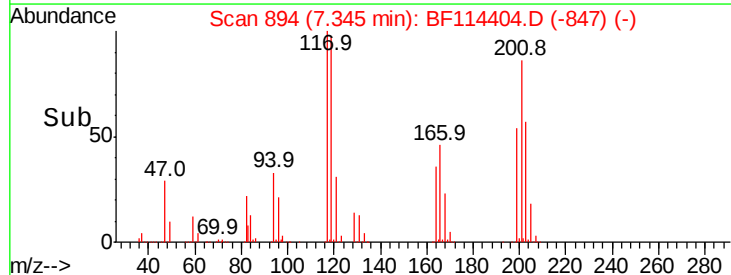
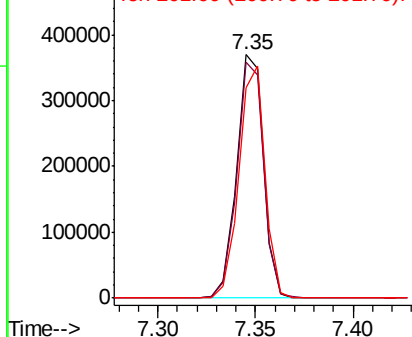


Abundance

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

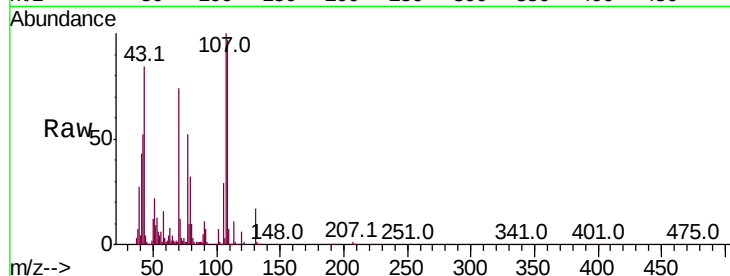




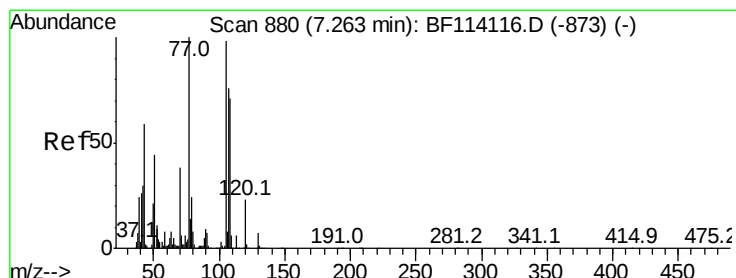
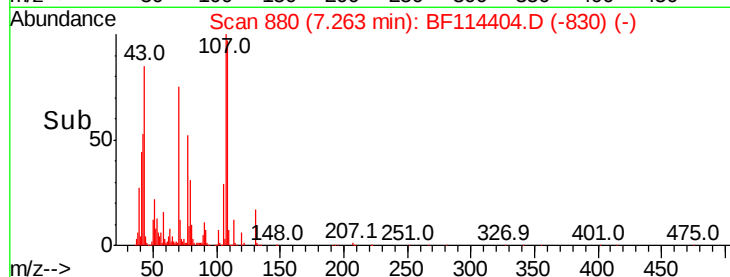
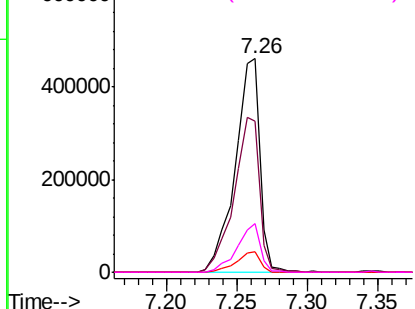
#19
n-Nitroso-di-n-propylamine
Concen: 38.257 ng
RT: 7.26 min Scan# 880
Delta R.T. -0.01 min
Lab File: BF114404.D
Acq: 18 May 2019 21:54

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 70 Resp: 561365
Ion Ratio Lower Upper
70 100
42 70.5 58.6 87.8
101 9.4 7.8 11.8
130 22.5 17.1 25.7

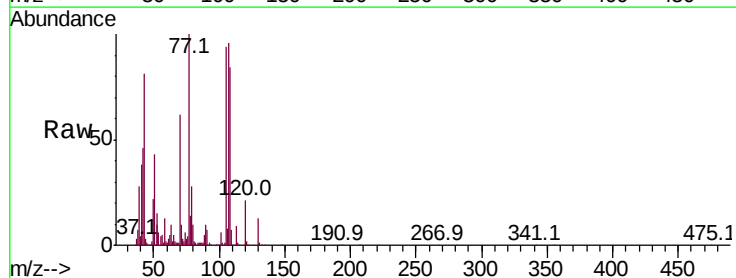


Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

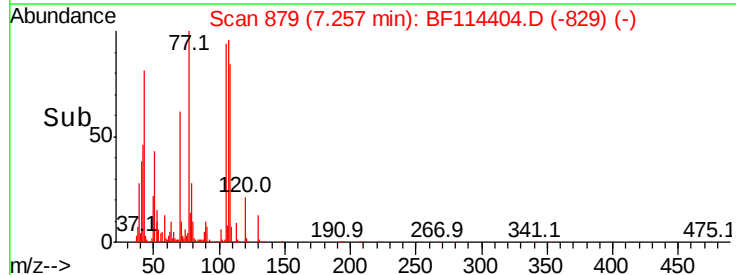
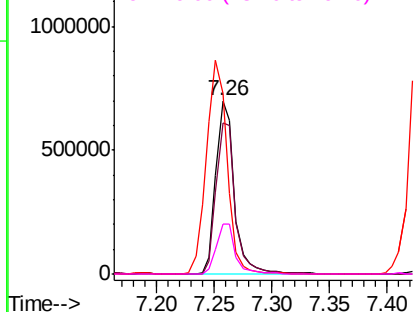


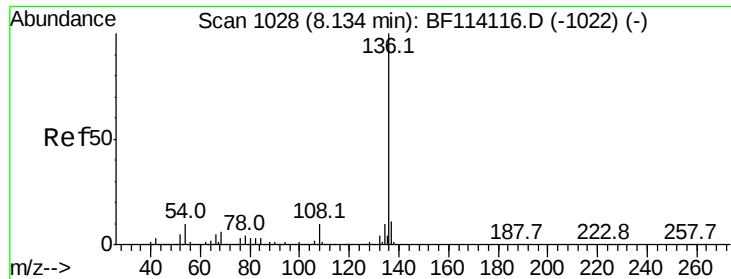
#20
3+4-Methylphenols
Concen: 39.179 ng
RT: 7.26 min Scan# 879
Delta R.T. -0.01 min
Lab File: BF114404.D
Acq: 18 May 2019 21:54

Tgt Ion:107 Resp: 776990
Ion Ratio Lower Upper
107 100
108 87.5 73.8 113.8
77 104.1 111.5 151.5#
79 29.1 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

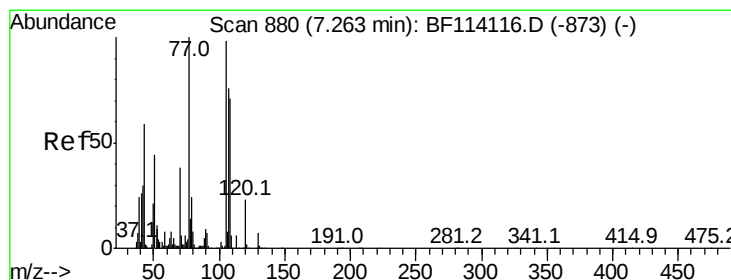
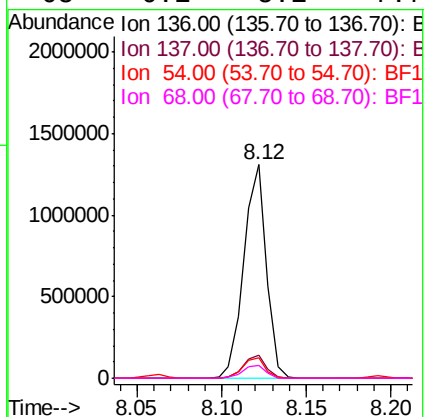
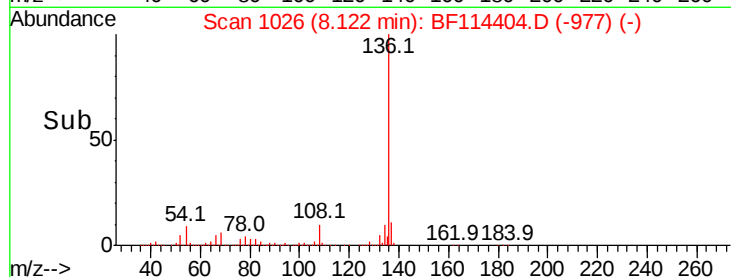
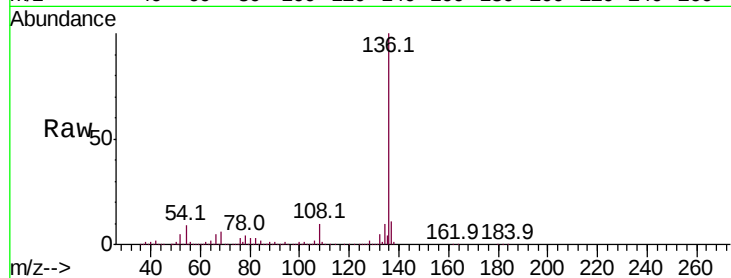




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.12 min Scan# 1026
Delta R.T. -0.01 min
Lab File: BF114404.D
Acq: 18 May 2019 21:54

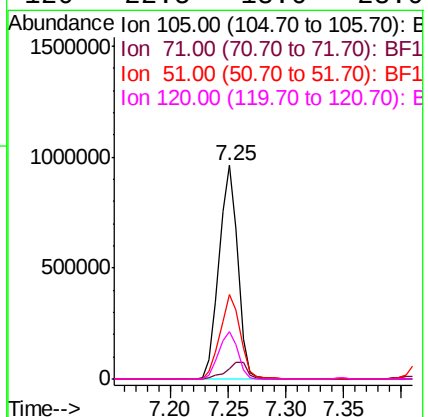
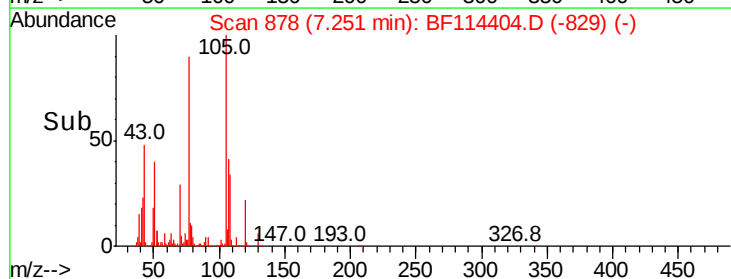
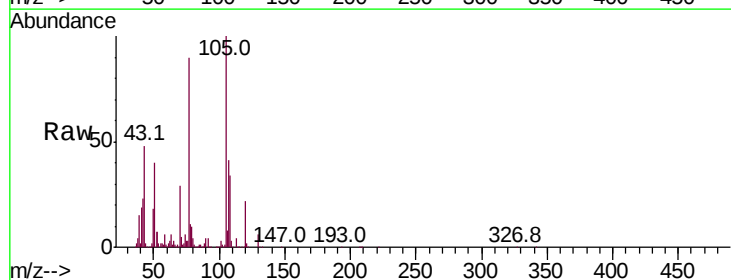
Instrument :
BNA_F
ClientSampleId :

Tot Ion:	136	Resp:	1219895
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.8	13.2
54	9.3	7.8	11.8
68	6.1	5.1	7.7



#22
Acetophenone
Concen: 40.211 ng
RT: 7.25 min Scan# 878
Delta R.T. -0.01 min
Lab File: BF114404.D
Acq: 18 May 2019 21:54

Tgt Ion:	105	Resp:	1086675
Ion	Ratio	Lower	Upper
105	100		
71	4.9	5.3	7.9#
51	39.6	36.2	54.4
120	22.5	18.6	28.0

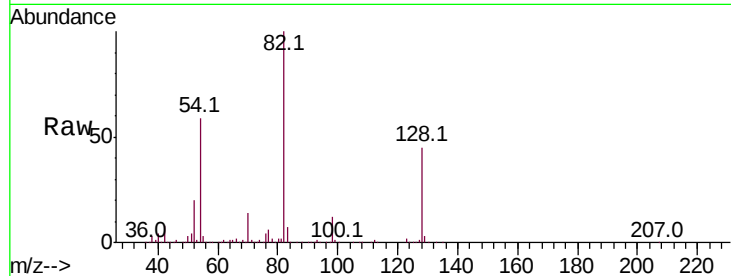




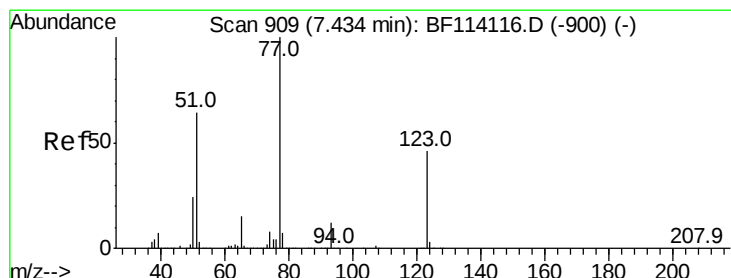
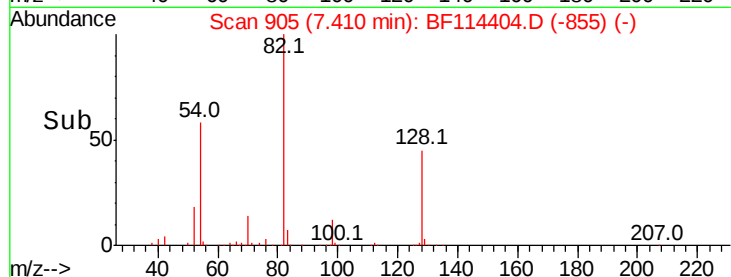
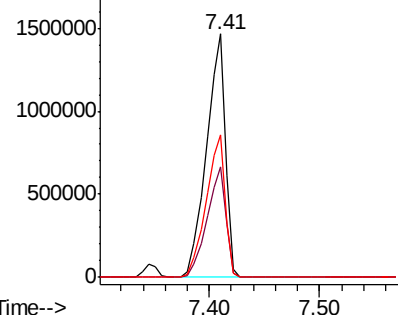
#23
Nitrobenzene-d5
Concen: 80.067 ng
RT: 7.41 min Scan# 905
Delta R.T. -0.01 min
Lab File: BF114404.D
Acq: 18 May 2019 21:54

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 82 Resp: 1740426
Ion Ratio Lower Upper
82 100
128 45.2 35.5 53.3
54 58.7 48.5 72.7

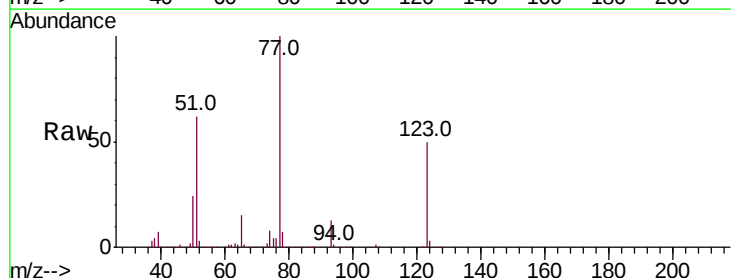


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

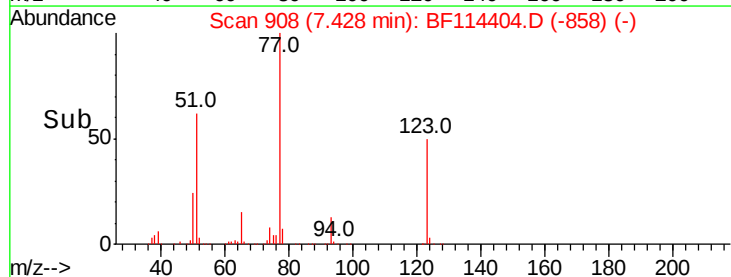
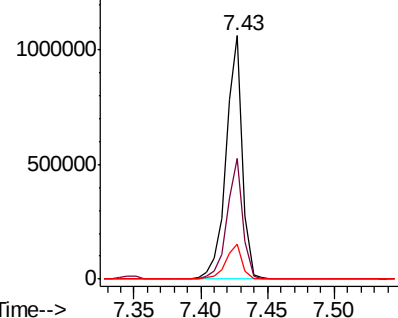


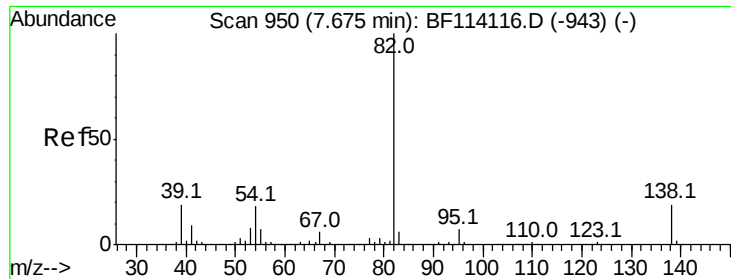
#24
Nitrobenzene
Concen: 40.567 ng
RT: 7.43 min Scan# 908
Delta R.T. -0.01 min
Lab File: BF114404.D
Acq: 18 May 2019 21:54

Tgt Ion: 77 Resp: 898132
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: 40.863 ng

RT: 7.66 min Scan# 948

Delta R.T. -0.01 min

Lab File: BF114404.D

Acq: 18 May 2019 21:54

Instrument :

BNA_F

ClientSampleId :

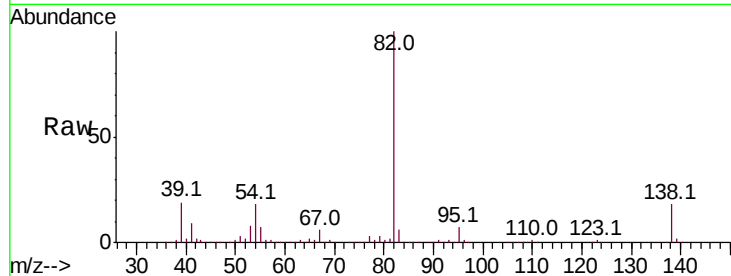
Tot Ion: 82 Resp: 1647365

Ion Ratio Lower Upper

82 100

95 6.9 5.6 8.4

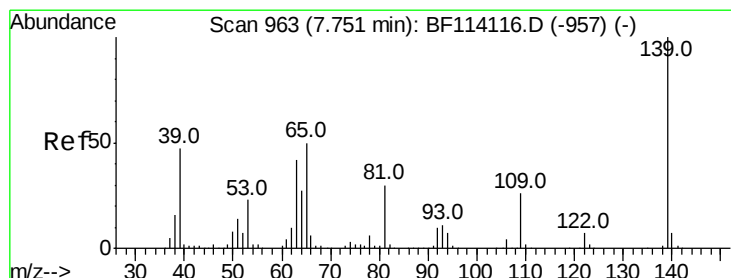
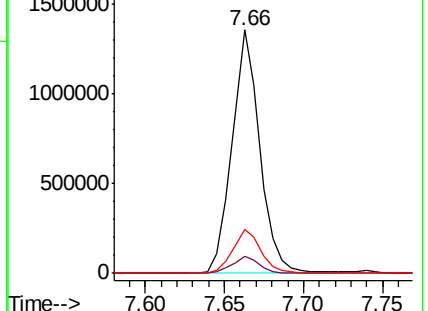
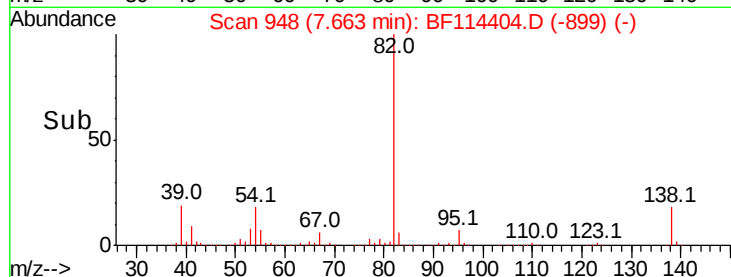
138 18.1 14.8 22.2



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 42.475 ng

RT: 7.74 min Scan# 961

Delta R.T. -0.01 min

Lab File: BF114404.D

Acq: 18 May 2019 21:54

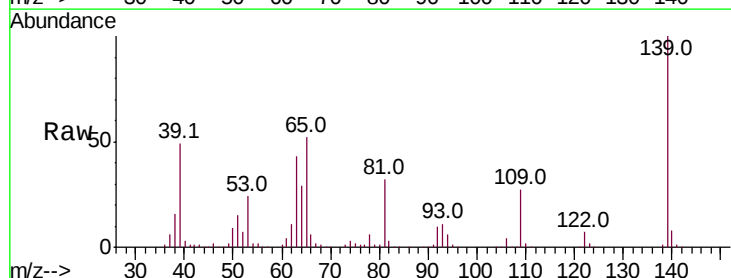
Tgt Ion: 139 Resp: 456237

Ion Ratio Lower Upper

139 100

109 26.6 20.7 31.1

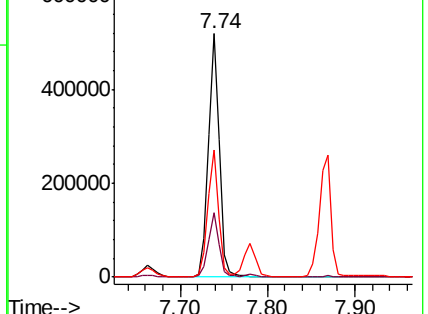
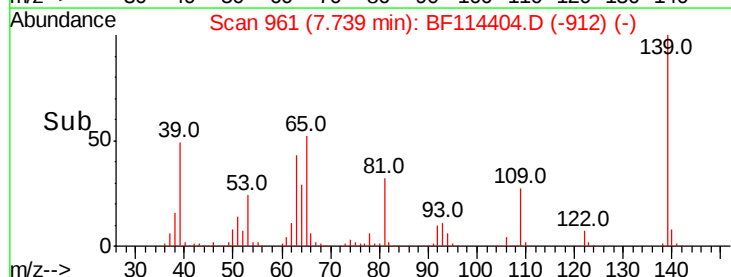
65 52.4 40.2 60.2

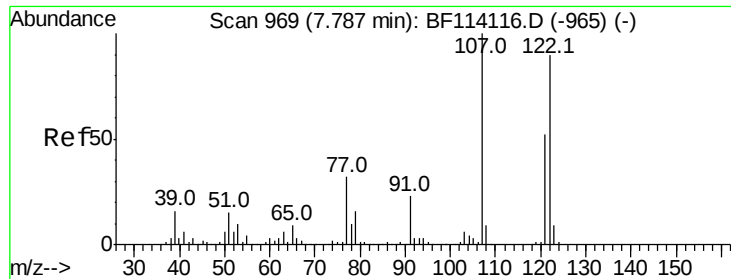


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

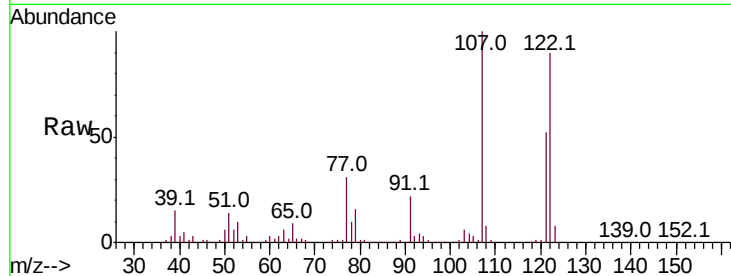




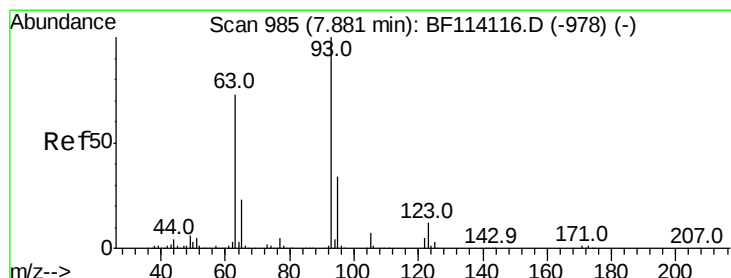
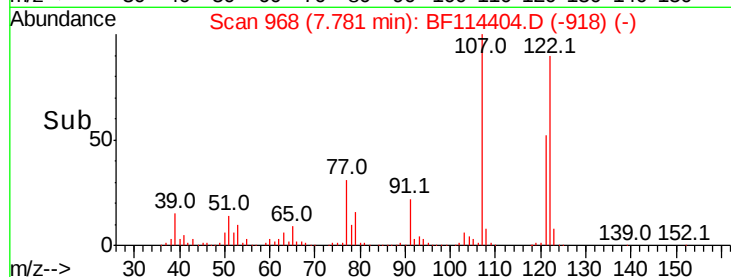
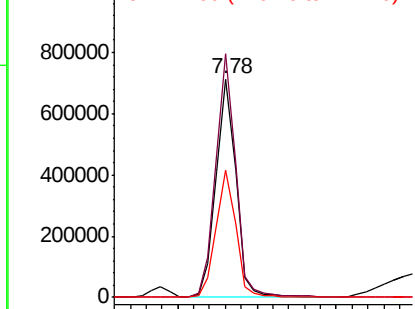
#27
2,4-Dimethylphenol
Concen: 37.116 ng
RT: 7.78 min Scan# 968
Delta R.T. -0.01 min
Lab File: BF114404.D
Acq: 18 May 2019 21:54

Instrument :
BNA_F
ClientSampleId :

Tot Ion:122 Resp: 626150
Ion Ratio Lower Upper
122 100
107 111.3 88.4 132.6
121 58.4 45.9 68.9

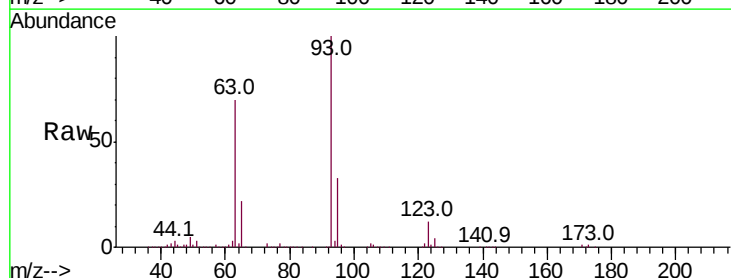


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

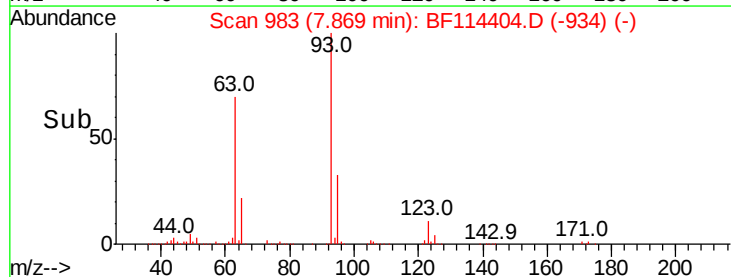
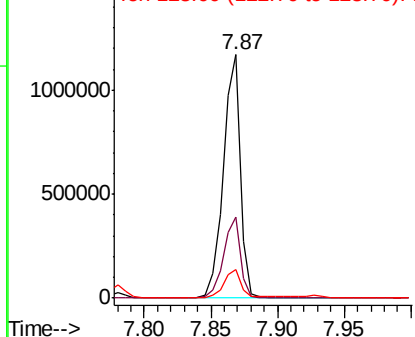


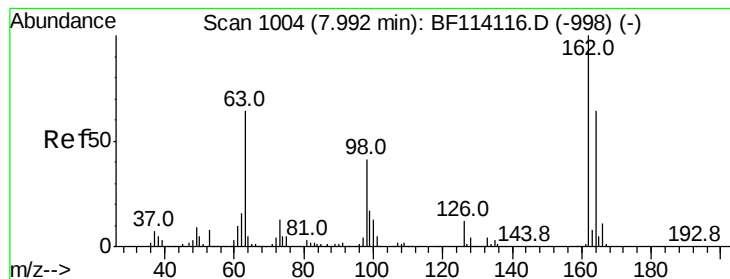
#28
bis(2-Chloroethoxy)methane
Concen: 40.566 ng
RT: 7.87 min Scan# 983
Delta R.T. -0.01 min
Lab File: BF114404.D
Acq: 18 May 2019 21:54

Tgt Ion: 93 Resp: 1061087
Ion Ratio Lower Upper
93 100
95 33.4 26.8 40.2
123 11.5 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: 40.404 ng

RT: 7.99 min Scan# 1003

Delta R.T. -0.01 min

Lab File: BF114404.D

Acq: 18 May 2019 21:54

Instrument :

BNA_F

ClientSampled :

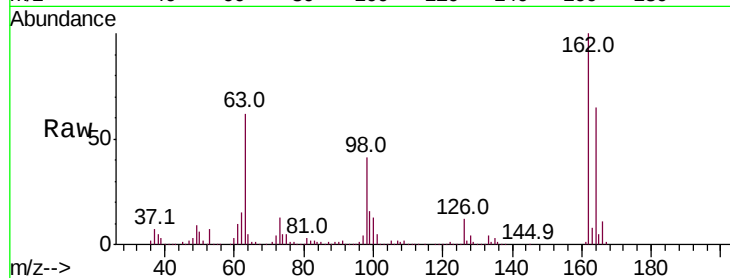
Tot Ion:162 Resp: 678738

Ion Ratio Lower Upper

162 100

164 65.1 43.6 83.6

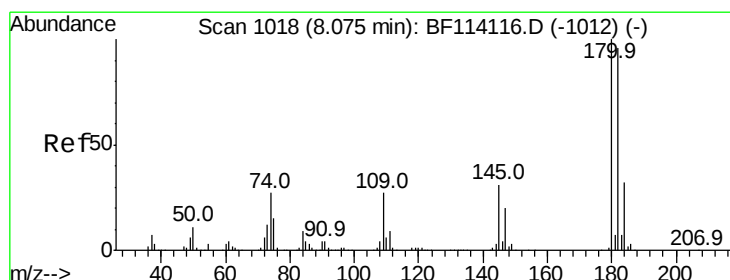
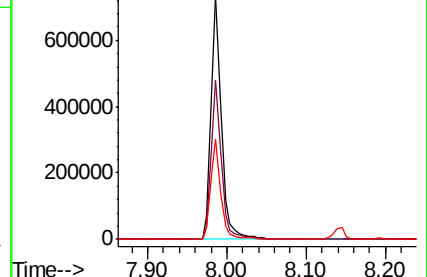
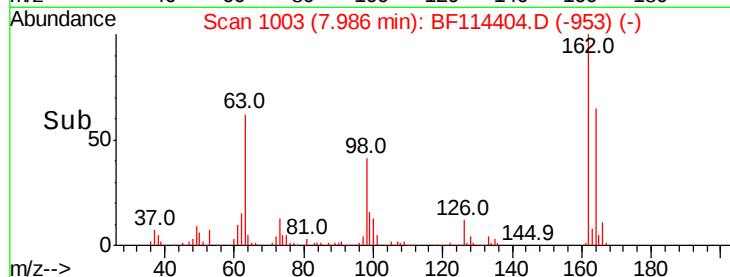
98 40.9 20.6 60.6



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: 39.855 ng

RT: 8.06 min Scan# 1016

Delta R.T. -0.01 min

Lab File: BF114404.D

Acq: 18 May 2019 21:54

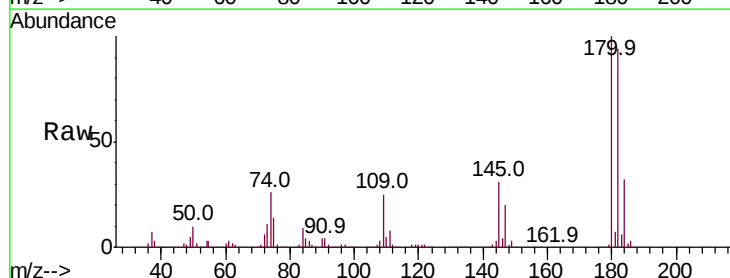
Tgt Ion:180 Resp: 761326

Ion Ratio Lower Upper

180 100

182 93.9 76.6 114.8

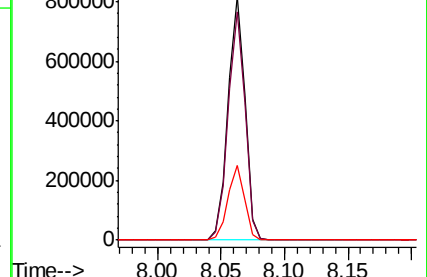
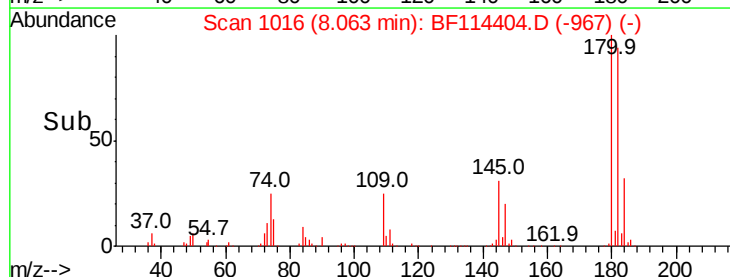
145 30.9 25.1 37.7

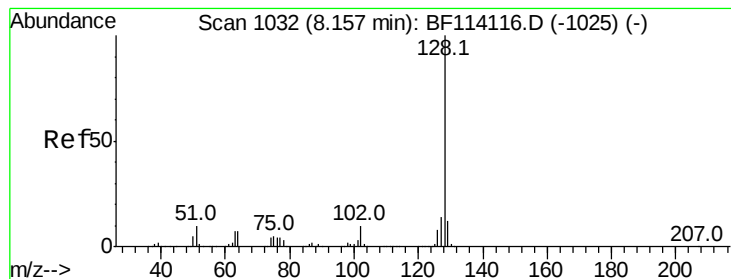


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 39.631 ng

RT: 8.15 min Scan# 1030

Delta R.T. -0.01 min

Lab File: BF114404.D

Acq: 18 May 2019 21:54

Instrument :

BNA_F

ClientSampleId :

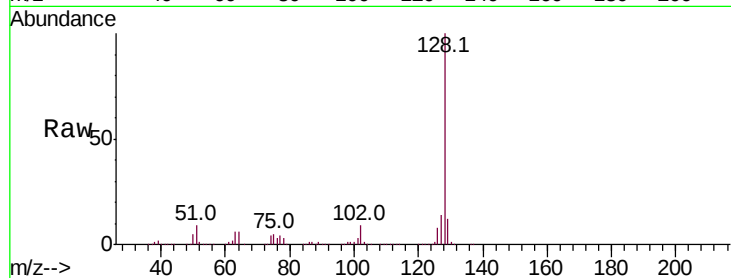
Tot Ion:128 Resp: 2258329

Ion Ratio Lower Upper

128 100

129 11.6 9.6 14.4

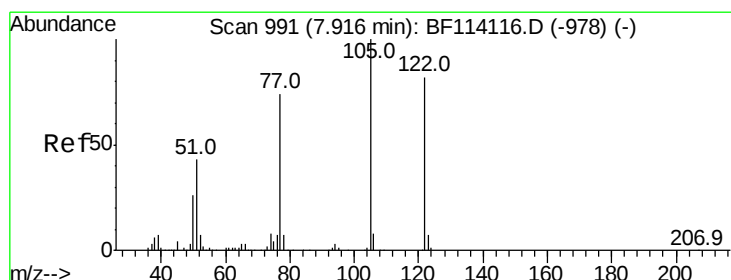
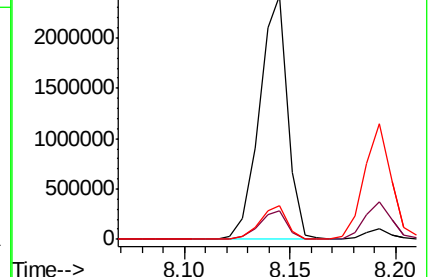
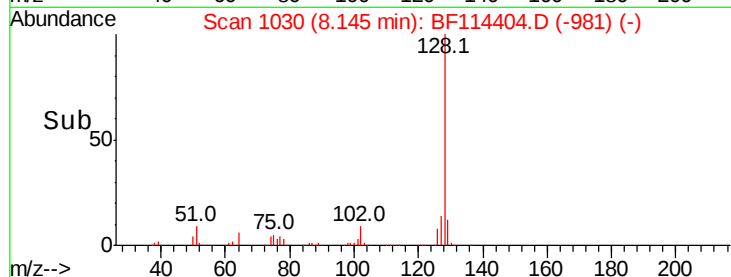
127 14.0 11.3 16.9



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 32.488 ng

RT: 7.93 min Scan# 993

Delta R.T. 0.01 min

Lab File: BF114404.D

Acq: 18 May 2019 21:54

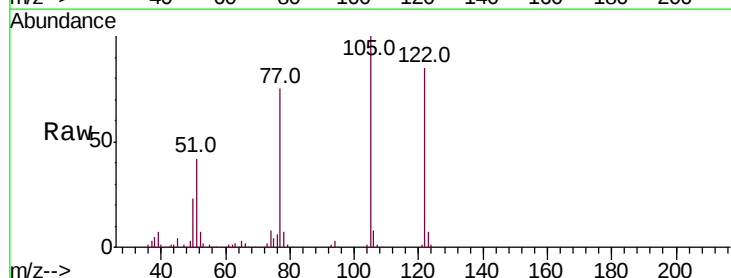
Tgt Ion:122 Resp: 358826

Ion Ratio Lower Upper

122 100

105 117.4 99.9 139.9

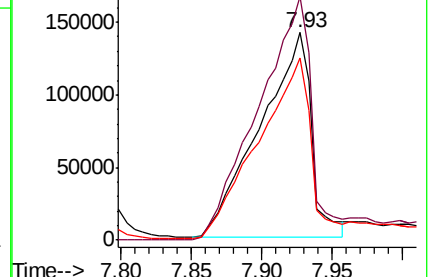
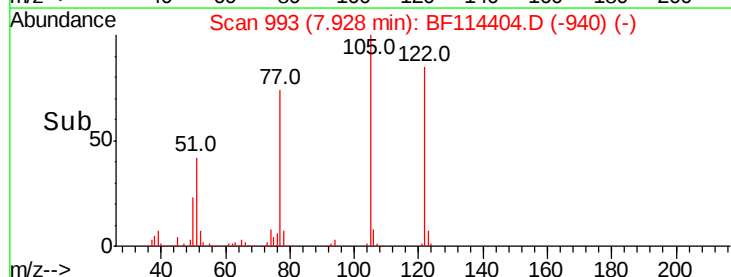
77 87.6 69.4 109.4



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

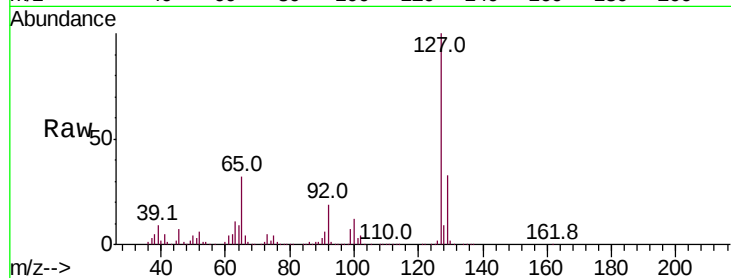




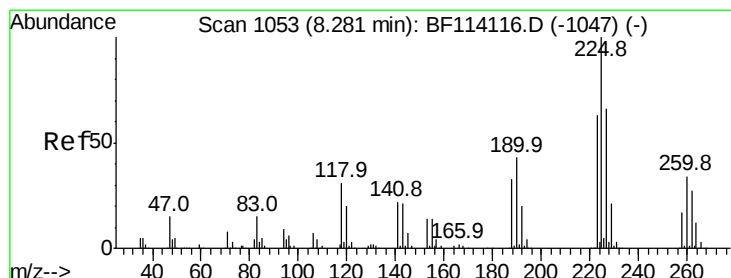
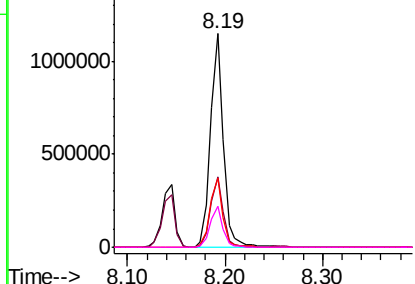
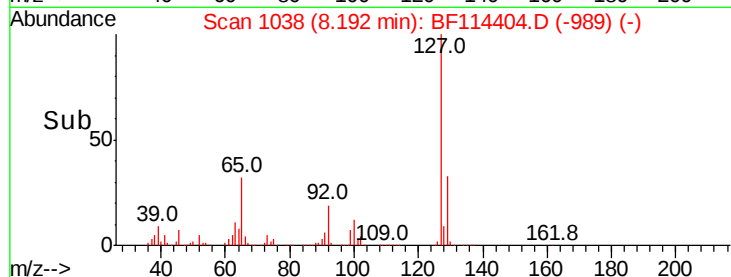
#33
4-Chloroaniline
Concen: 40.560 ng
RT: 8.19 min Scan# 1038
Delta R.T. -0.01 min
Lab File: BF114404.D
Acq: 18 May 2019 21:54

Instrument :
BNA_F
ClientSampleId :

Tot Ion:127 Resp: 1053204
Ion Ratio Lower Upper
127 100
129 32.7 26.7 40.1
65 32.2 25.4 38.0
92 19.3 15.4 23.2

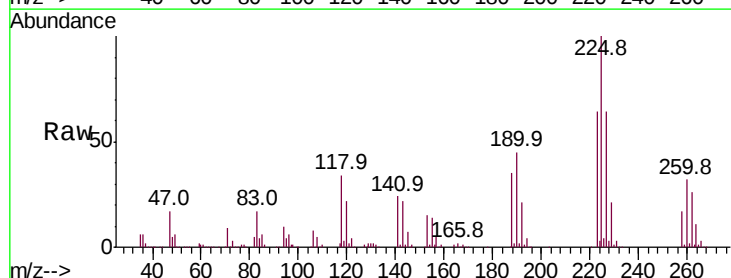


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

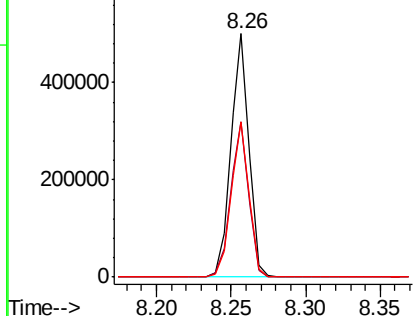
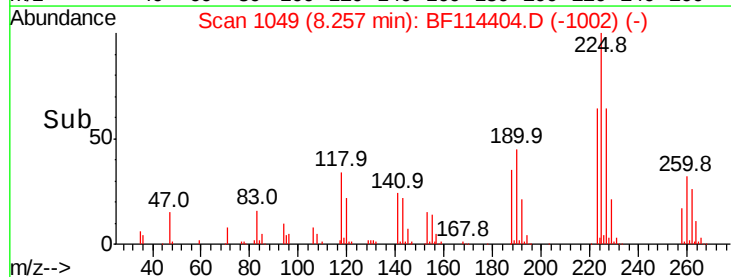


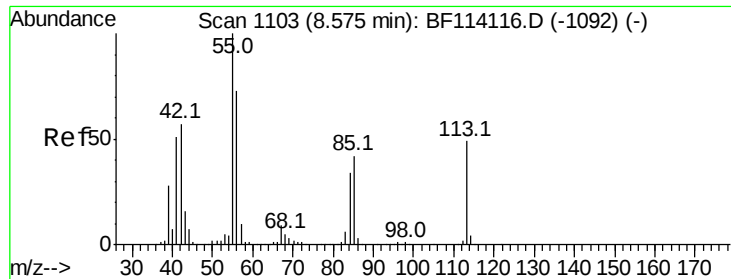
#34
Hexachlorobutadiene
Concen: 39.346 ng
RT: 8.26 min Scan# 1049
Delta R.T. -0.02 min
Lab File: BF114404.D
Acq: 18 May 2019 21:54

Tgt Ion:225 Resp: 427649
Ion Ratio Lower Upper
225 100
223 63.7 50.2 75.2
227 63.7 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: 43.273 ng

RT: 8.58 min Scan# 1104

Delta R.T. 0.01 min

Lab File: BF114404.D

Acq: 18 May 2019 21:54

Instrument :

BNA_F

ClientSampled :

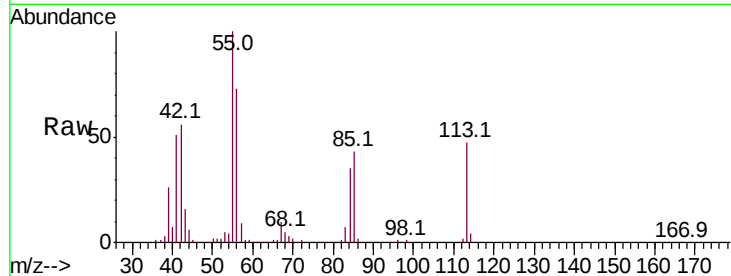
Tot Ion:113 Resp: 237031

Ion Ratio Lower Upper

113 100

55 212.3 183.5 223.5

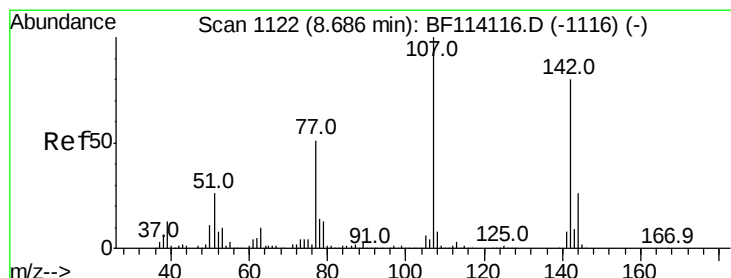
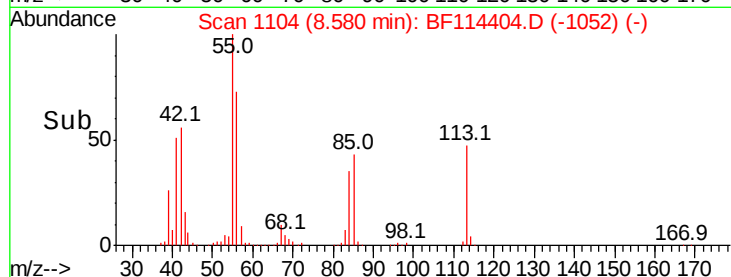
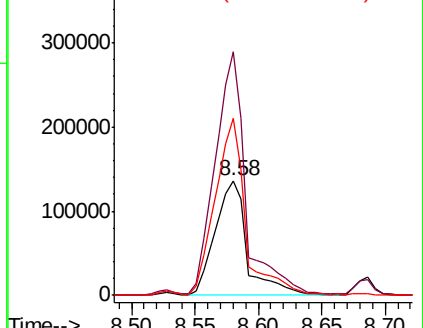
56 154.0 128.8 168.8



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: 42.118 ng

RT: 8.69 min Scan# 1122

Delta R.T. -0.00 min

Lab File: BF114404.D

Acq: 18 May 2019 21:54

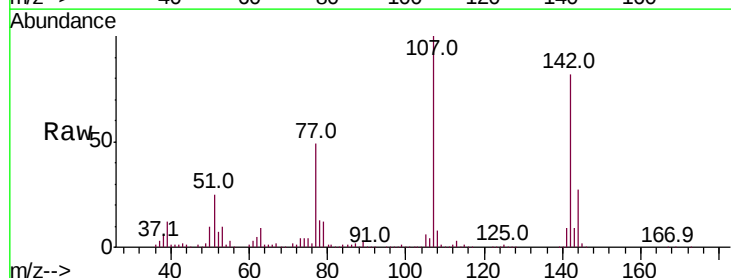
Tgt Ion:107 Resp: 712184

Ion Ratio Lower Upper

107 100

144 26.9 20.4 30.6

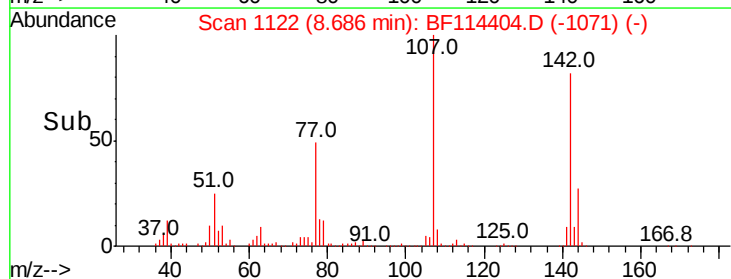
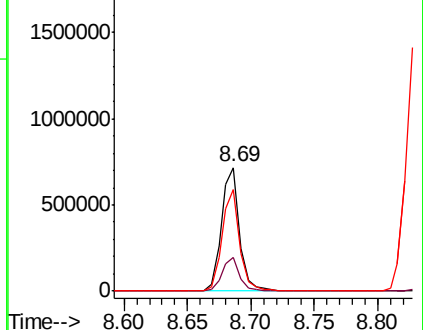
142 81.8 64.2 96.4

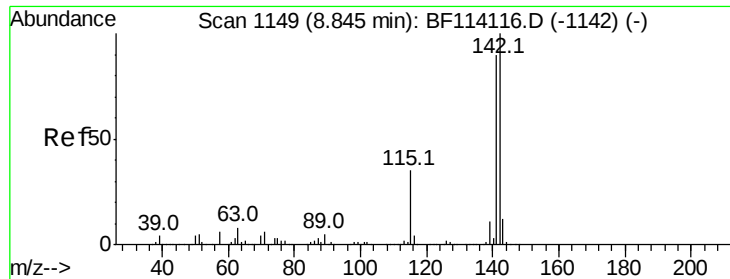


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 40.801 ng

RT: 8.83 min Scan# 1147

Delta R.T. -0.01 min

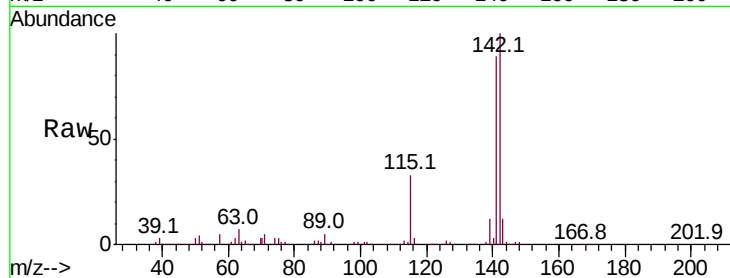
Lab File: BF114404.D

Acq: 18 May 2019 21:54

Instrument :
BNA_F
ClientSampleId :

Tot Ion:142 Resp: 1500051

Ion	Ratio	Lower	Upper
142	100		
141	88.7	72.1	108.1
115	32.7	28.0	42.0

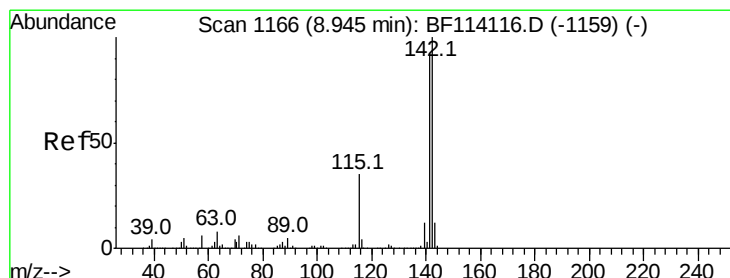
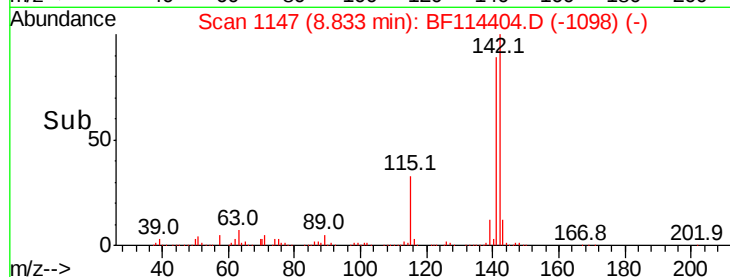
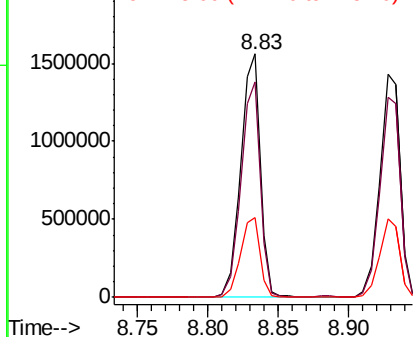


Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 41.274 ng

RT: 8.93 min Scan# 1163

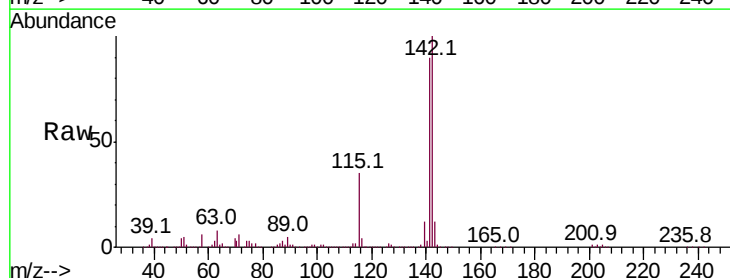
Delta R.T. -0.02 min

Lab File: BF114404.D

Acq: 18 May 2019 21:54

Tgt Ion:142 Resp: 1429012

Ion	Ratio	Lower	Upper
142	100		
141	90.0	73.4	110.0
116	3.7	3.1	4.7

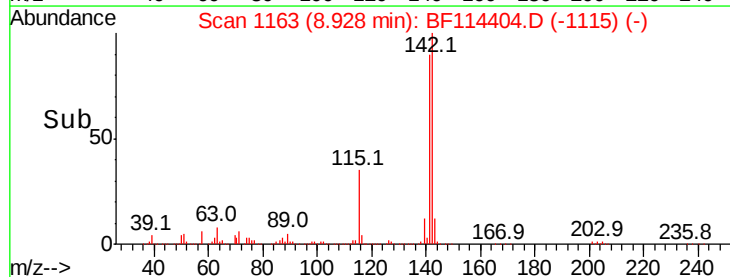
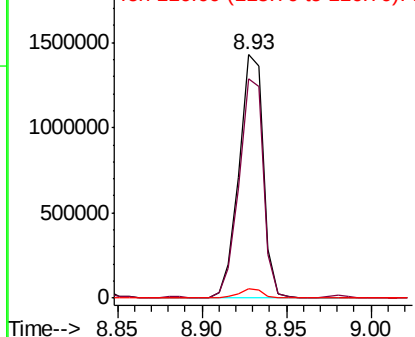


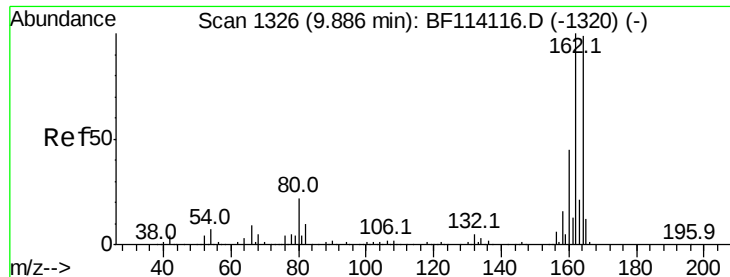
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E

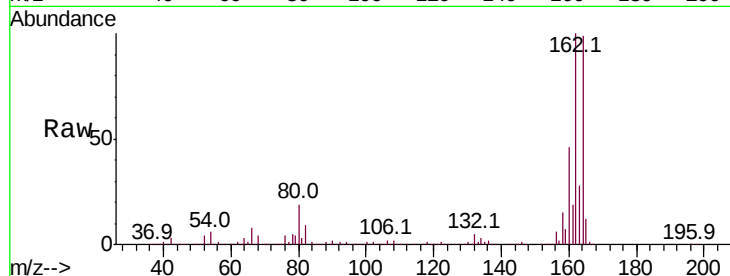




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.87 min Scan# 1324
Delta R.T. -0.01 min
Lab File: BF114404.D
Acq: 18 May 2019 21:54

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
164	100		
162	101.3	80.6	120.8
160	46.2	36.5	54.7

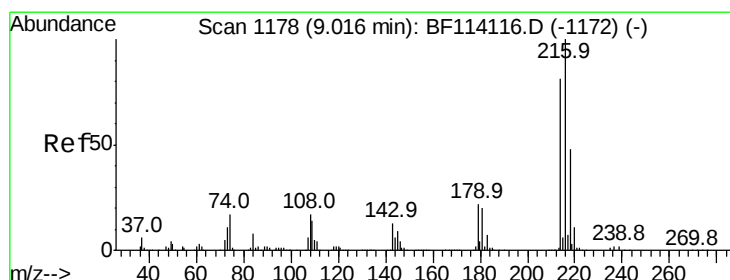
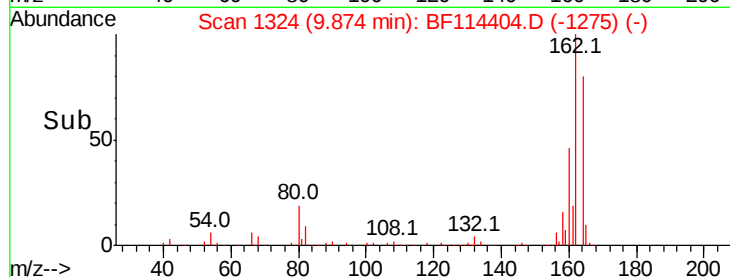
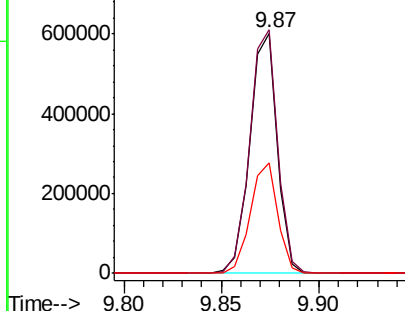


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40
1,2,4,5-Tetrachlorobenzene
Concen: 39.881 ng
RT: 9.00 min Scan# 1175
Delta R.T. -0.02 min
Lab File: BF114404.D
Acq: 18 May 2019 21:54

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.2	63.9	95.9
179	20.9	17.0	25.6
108	17.8	14.8	22.2

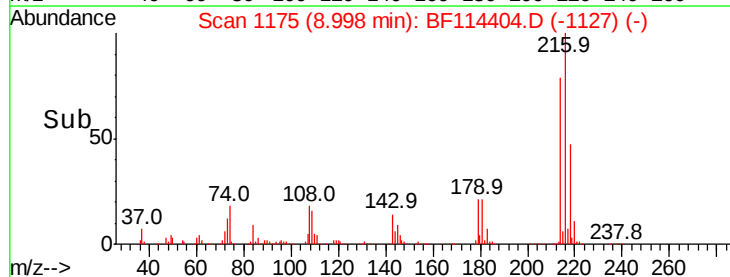
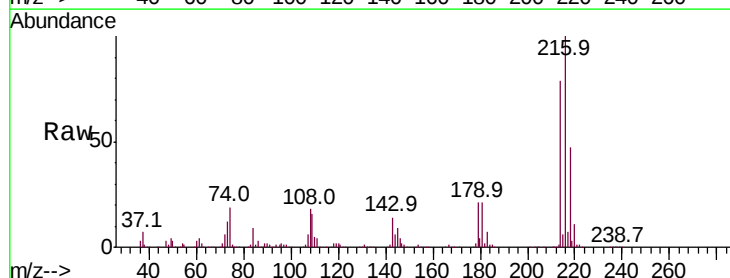
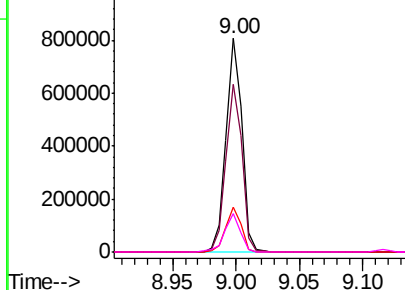
Abundance

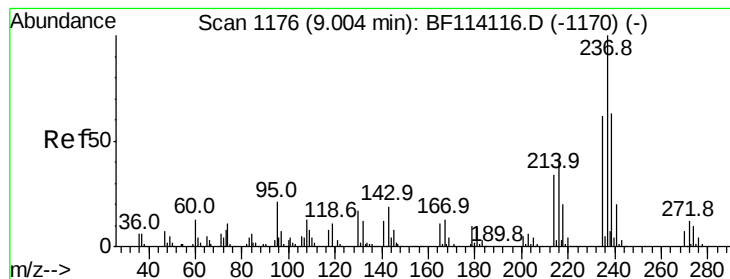
Ion 216.00 (215.70 to 216.70): E

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: 18.118 ng

RT: 8.98 min Scan# 1172

Delta R.T. -0.02 min

Lab File: BF114404.D

Acq: 18 May 2019 21:54

Instrument :

BNA_F

ClientSampleId :

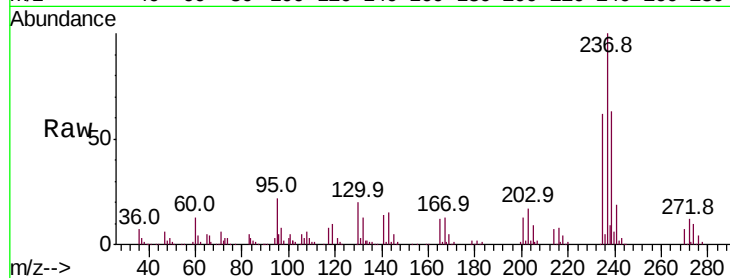
Tot Ion:237 Resp: 119825

Ion Ratio Lower Upper

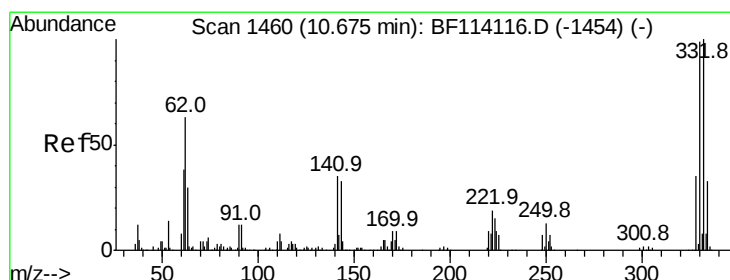
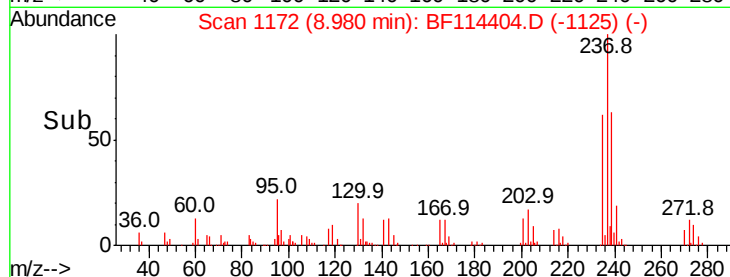
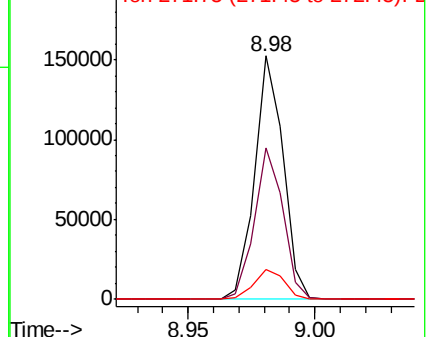
237 100

235 62.1 42.0 82.0

272 12.2 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: 70.715 ng

RT: 10.66 min Scan# 1458

Delta R.T. -0.01 min

Lab File: BF114404.D

Acq: 18 May 2019 21:54

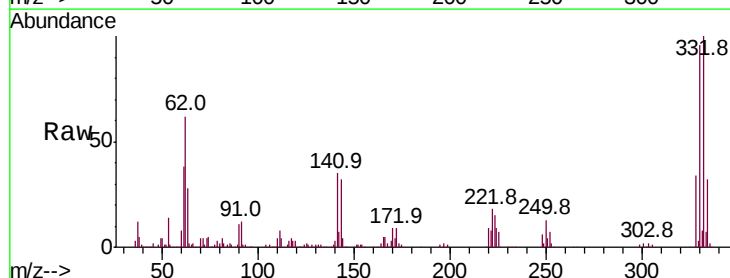
Tgt Ion:330 Resp: 425684

Ion Ratio Lower Upper

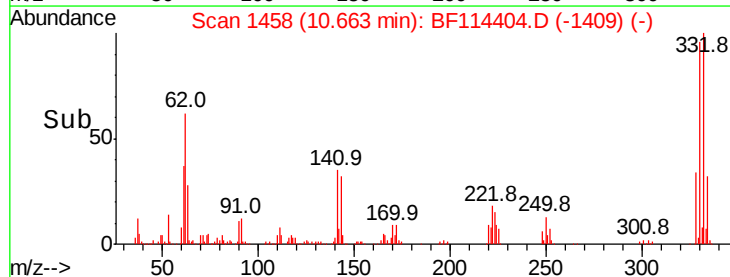
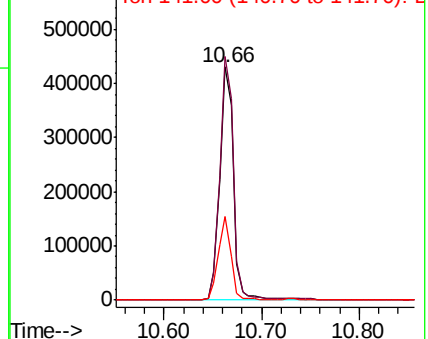
330 100

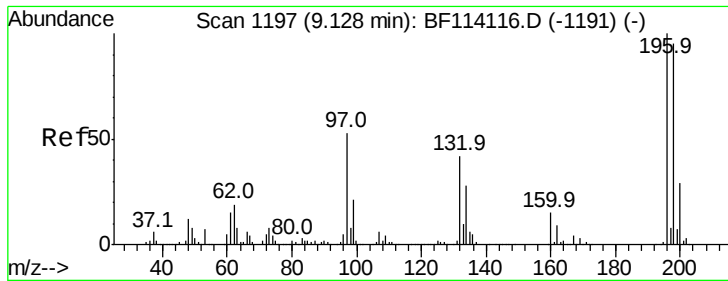
332 103.7 81.4 122.2

141 33.3 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

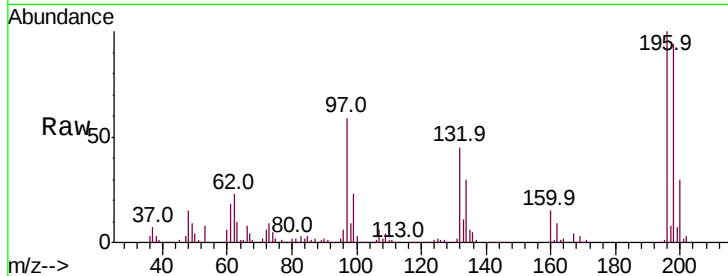




#43
 2,4,6-Trichlorophenol
 Concen: 39.198 ng
 RT: 9.12 min Scan# 1195
 Delta R.T. -0.01 min
 Lab File: BF114404.D
 Acq: 18 May 2019 21:54

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
196	100		
198	94.3	75.9	113.9
200	29.9	23.5	35.3

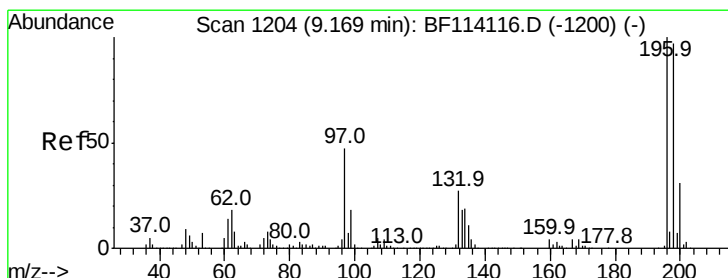
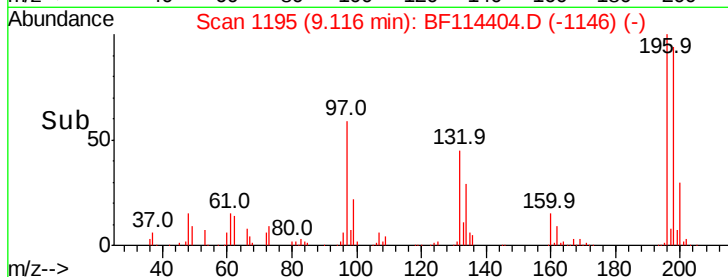
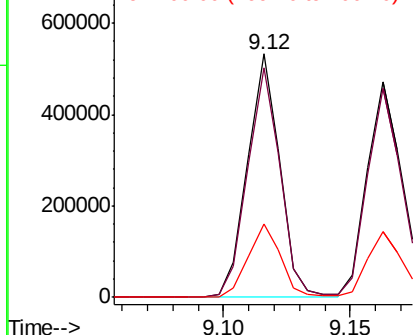


Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#44
 2,4,5-Trichlorophenol
 Concen: 38.635 ng
 RT: 9.16 min Scan# 1203
 Delta R.T. -0.01 min
 Lab File: BF114404.D
 Acq: 18 May 2019 21:54

Tgt Ion	Ratio	Lower	Upper
196	100		
198	96.8	77.7	116.5
97	52.0	38.2	57.2
132	29.8	21.4	32.2

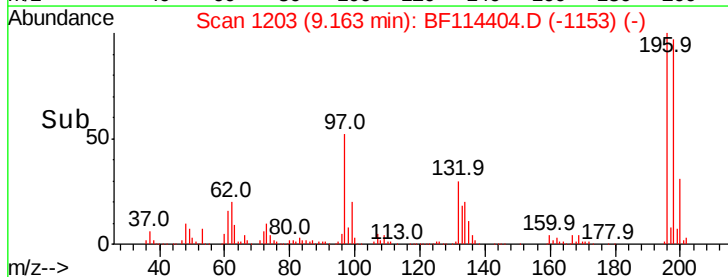
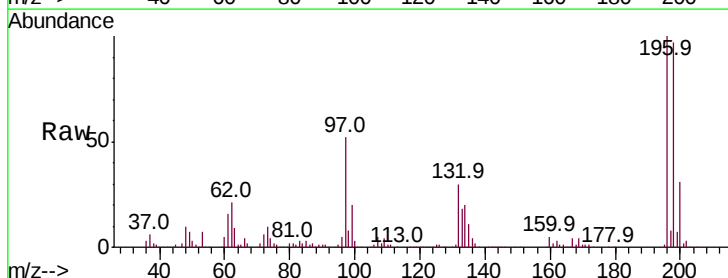
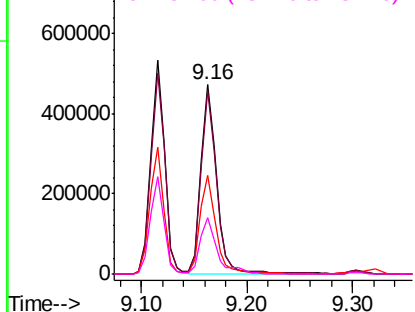
Abundance

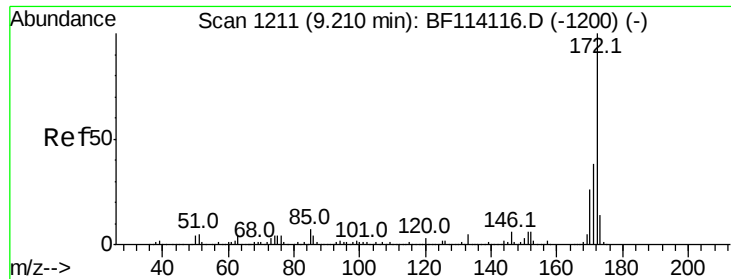
Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E

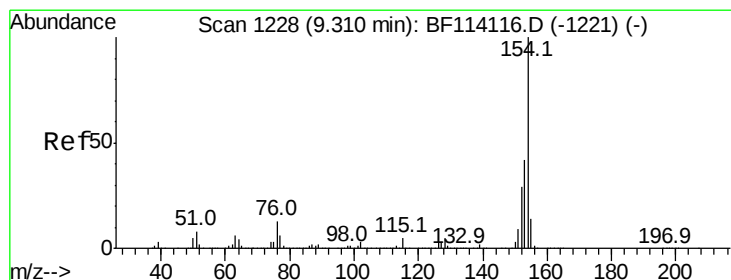
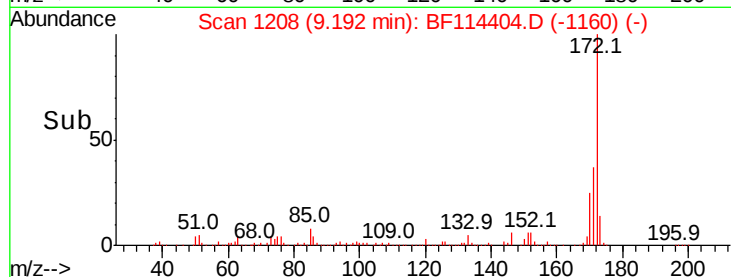
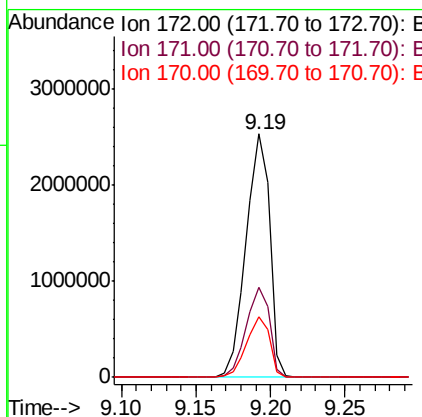
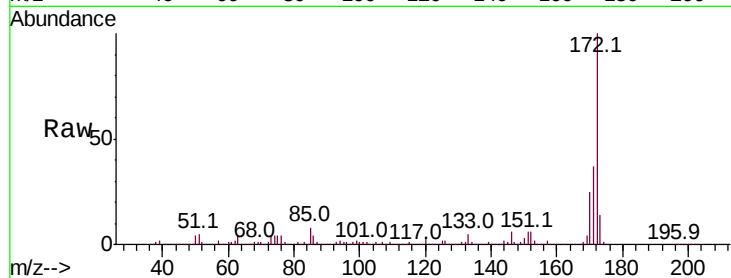




#45
2-Fluorobiphenyl
Concen: 72.266 ng
RT: 9.19 min Scan# 1208
Delta R.T. -0.02 min
Lab File: BF114404.D
Acq: 18 May 2019 21:54

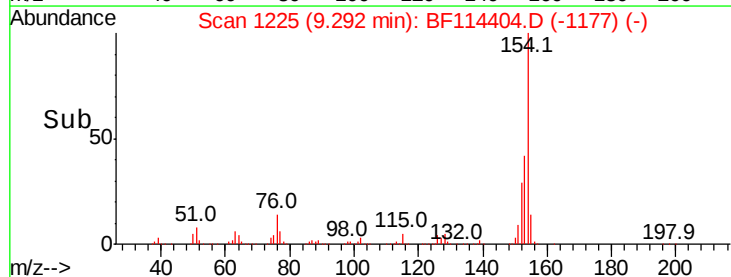
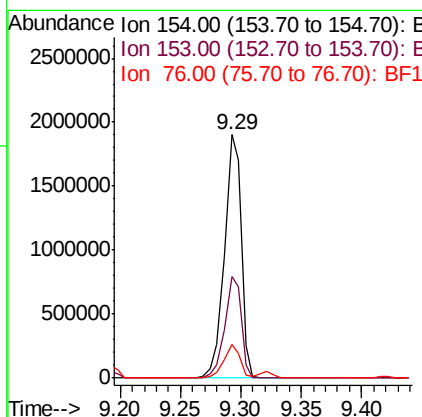
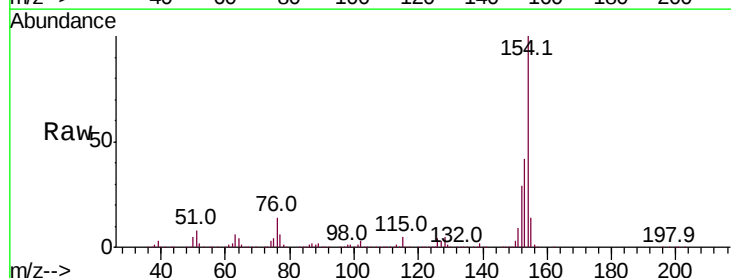
Instrument :
BNA_F
ClientSampleId :

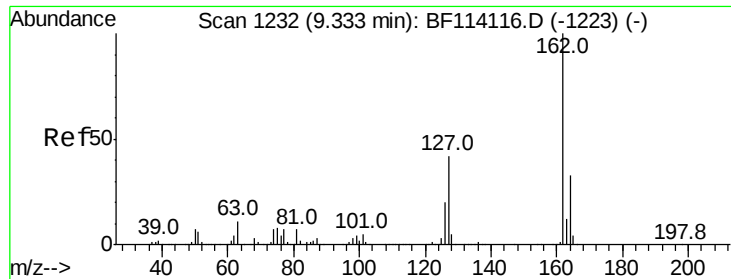
Tot Ion:172 Resp: 2781737
Ion Ratio Lower Upper
172 100
171 36.9 30.7 46.1
170 25.1 20.5 30.7



#46
1,1'-Biphenyl
Concen: 38.837 ng
RT: 9.29 min Scan# 1225
Delta R.T. -0.02 min
Lab File: BF114404.D
Acq: 18 May 2019 21:54

Tgt Ion:154 Resp: 1826867
Ion Ratio Lower Upper
154 100
153 41.5 21.9 61.9
76 14.0 0.0 32.8



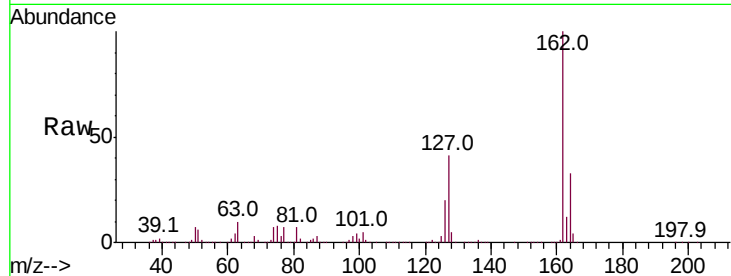


#47
 2-Chloronaphthalene
 Concen: 38.469 ng
 RT: 9.32 min Scan# 1230
 Delta R.T. -0.01 min
 Lab File: BF114404.D
 Acq: 18 May 2019 21:54

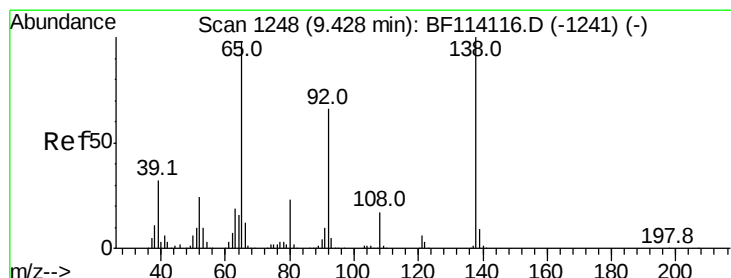
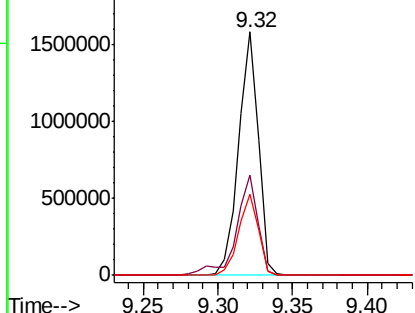
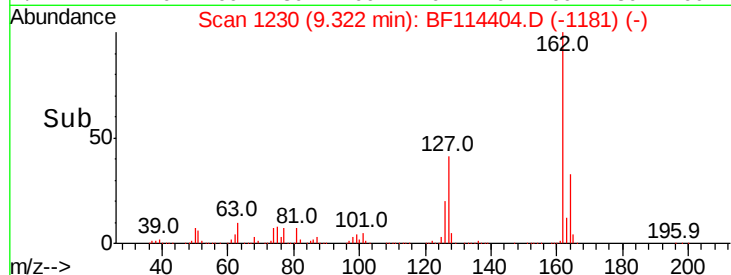
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:162 Resp: 1456312

Ion	Ratio	Lower	Upper
162	100		
127	41.4	34.0	51.0
164	33.5	26.7	40.1



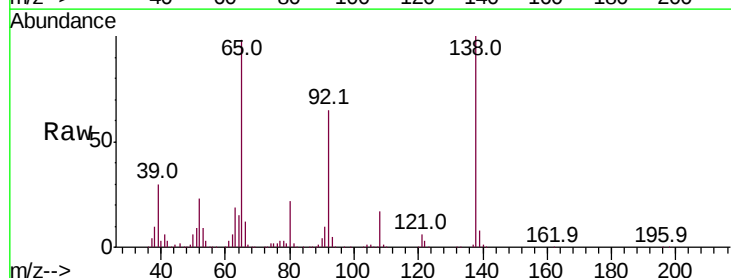
Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E



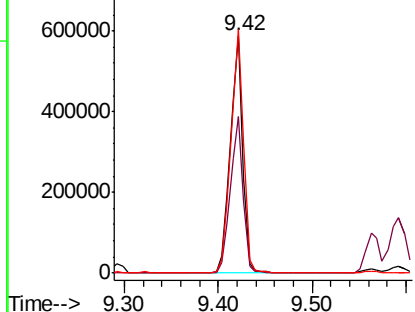
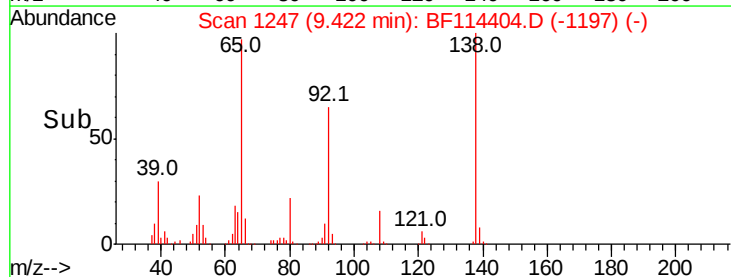
#48
 2-Nitroaniline
 Concen: 40.472 ng
 RT: 9.42 min Scan# 1247
 Delta R.T. -0.01 min
 Lab File: BF114404.D
 Acq: 18 May 2019 21:54

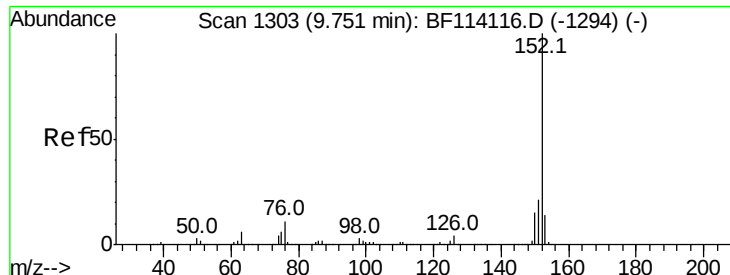
Tgt Ion: 65 Resp: 543372

Ion	Ratio	Lower	Upper
65	100		
92	66.1	53.9	80.9
138	102.4	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: 38.030 ng

RT: 9.73 min Scan# 1300

Delta R.T. -0.02 min

Lab File: BF114404.D

Acq: 18 May 2019 21:54

Instrument :

BNA_F

ClientSampleId :

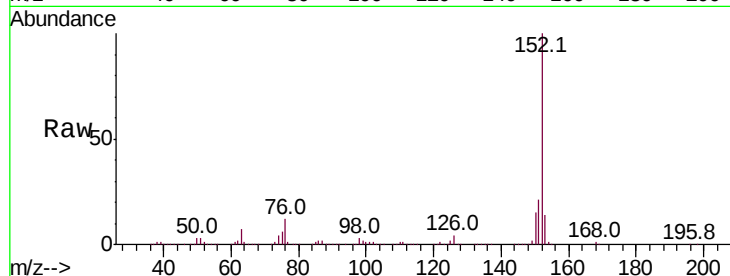
Tot Ion:152 Resp: 2189696

Ion Ratio Lower Upper

152 100

151 20.8 16.8 25.2

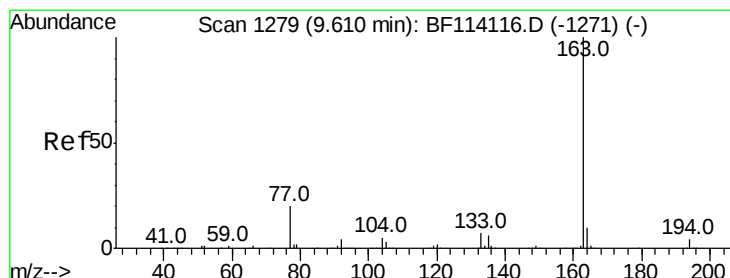
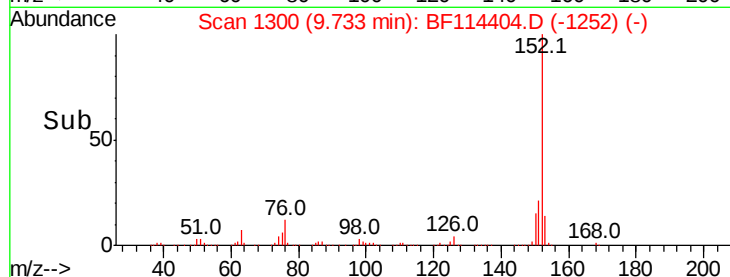
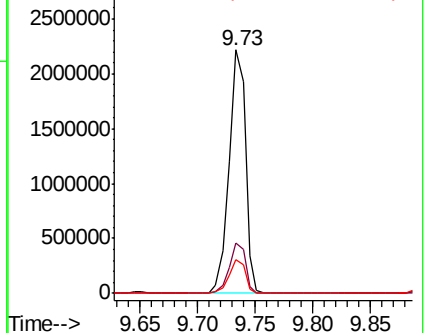
153 13.9 11.4 17.2



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 40.980 ng

RT: 9.59 min Scan# 1276

Delta R.T. -0.02 min

Lab File: BF114404.D

Acq: 18 May 2019 21:54

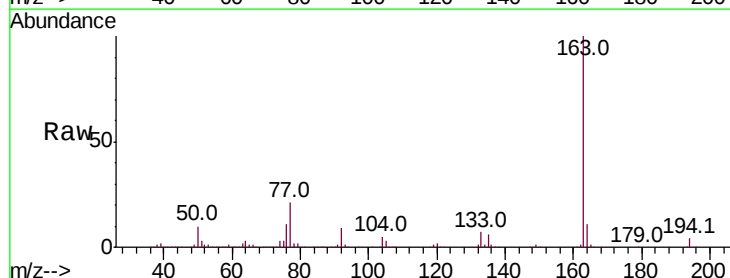
Tgt Ion:163 Resp: 1751668

Ion Ratio Lower Upper

163 100

194 4.0 3.4 5.0

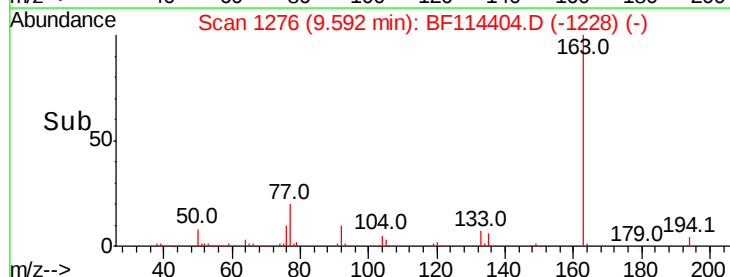
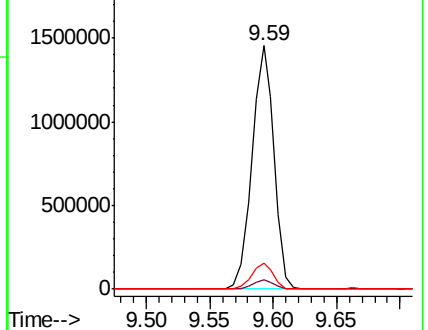
164 10.6 8.2 12.2

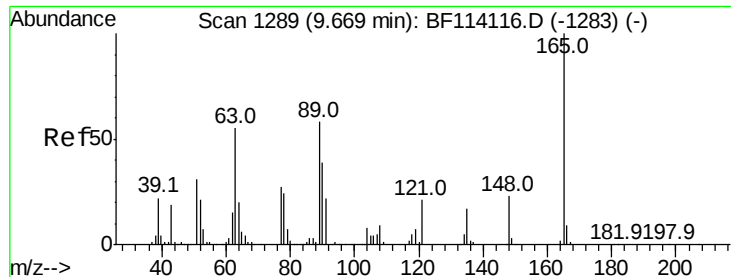


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 39.907 ng

RT: 9.66 min Scan# 1288

Delta R.T. -0.01 min

Lab File: BF114404.D

Acq: 18 May 2019 21:54

Instrument :

BNA_F

ClientSampleId :

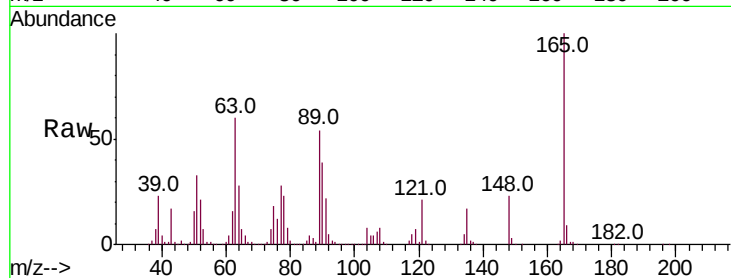
Tot Ion:165 Resp: 378341

Ion Ratio Lower Upper

165 100

63 60.2 50.2 75.4

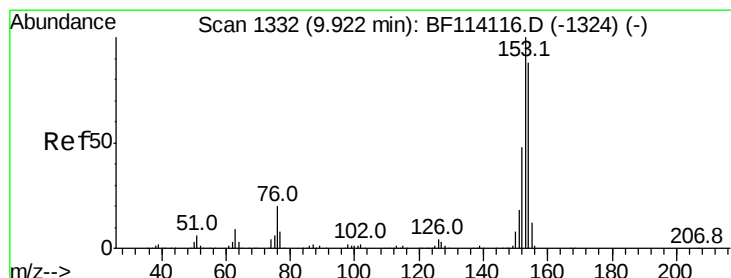
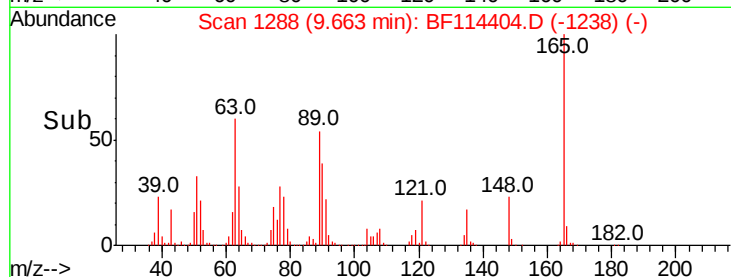
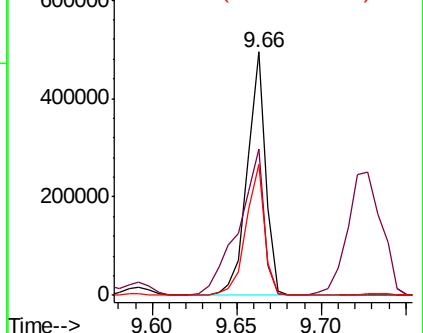
89 53.8 46.6 69.8



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: 37.575 ng

RT: 9.91 min Scan# 1330

Delta R.T. -0.01 min

Lab File: BF114404.D

Acq: 18 May 2019 21:54

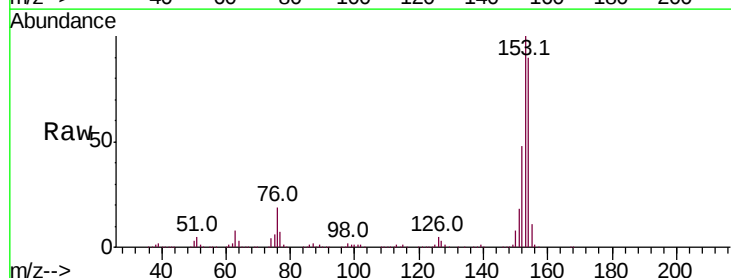
Tgt Ion:154 Resp: 1327633

Ion Ratio Lower Upper

154 100

153 111.3 90.5 135.7

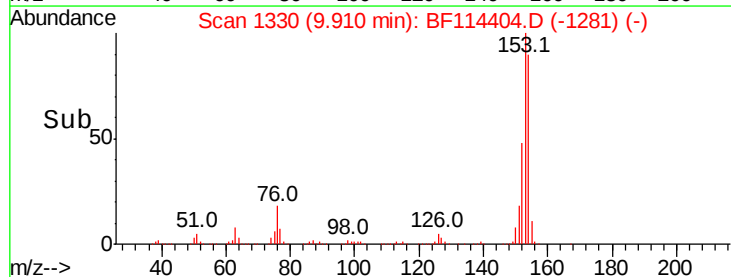
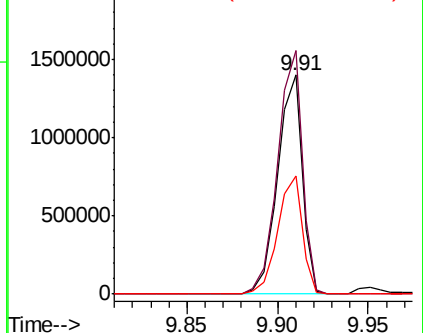
152 54.0 43.4 65.2



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: 41.174 ng

RT: 9.83 min Scan# 1317

Delta R.T. -0.01 min

Lab File: BF114404.D

Acq: 18 May 2019 21:54

Instrument :

BNA_F

ClientSampleId :

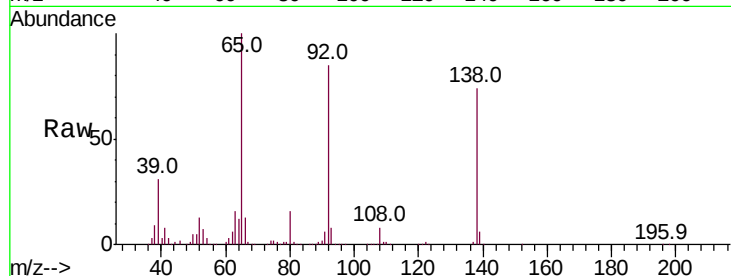
Tot Ion:138 Resp: 484567

Ion Ratio Lower Upper

138 100

108 10.4 7.8 11.6

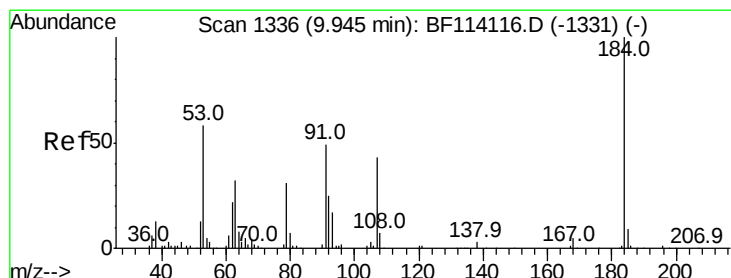
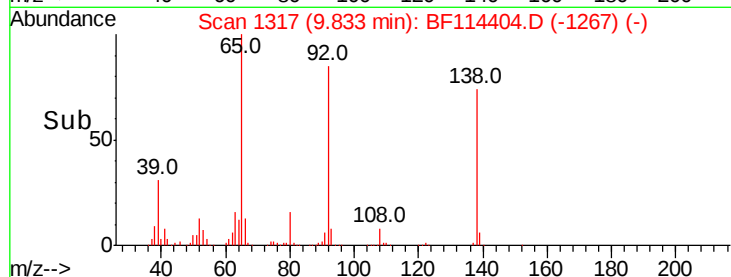
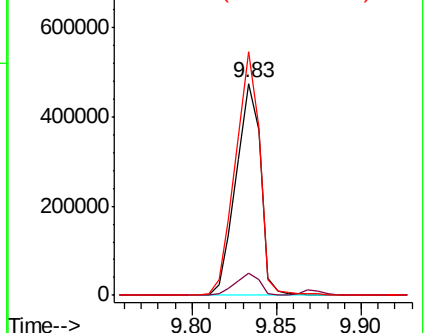
92 115.0 91.2 136.8



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1



#54

2,4-Dinitrophenol

Concen: 25.031 ng

RT: 9.95 min Scan# 1337

Delta R.T. 0.01 min

Lab File: BF114404.D

Acq: 18 May 2019 21:54

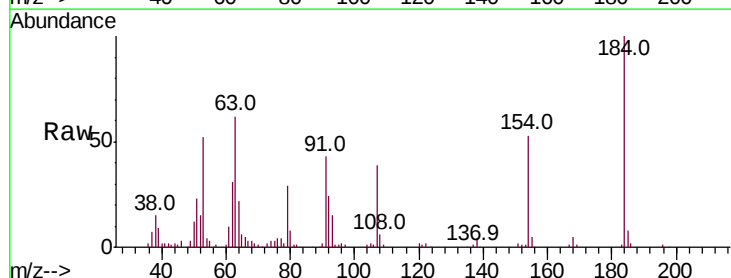
Tgt Ion:184 Resp: 95198

Ion Ratio Lower Upper

184 100

63 62.2 55.6 83.4

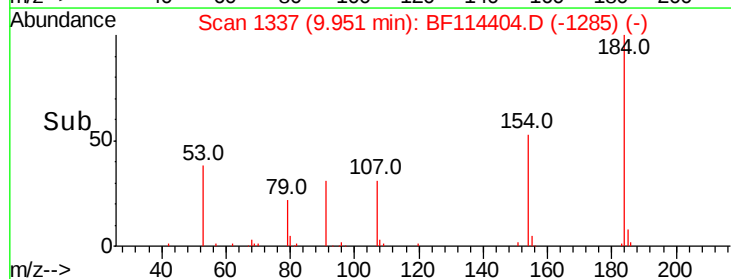
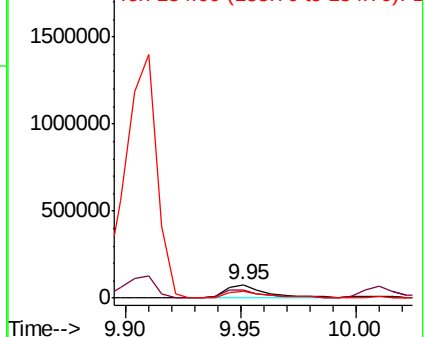
154 53.5 46.0 69.0

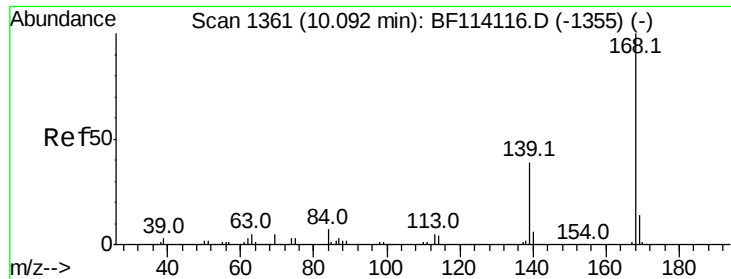


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E

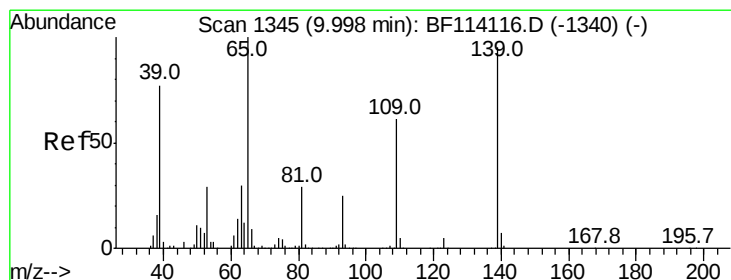
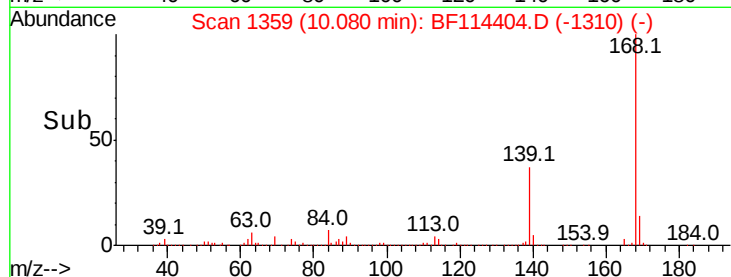
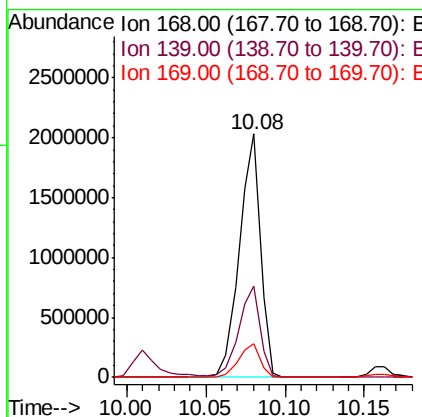
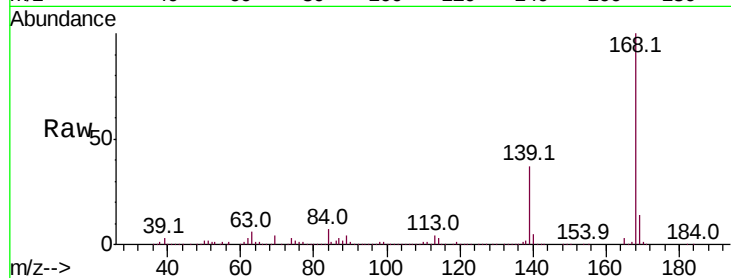




#55
Dibenzenofuran
Concen: 36.080 ng
RT: 10.08 min Scan# 1359
Delta R.T. -0.01 min
Lab File: BF114404.D
Acq: 18 May 2019 21:54

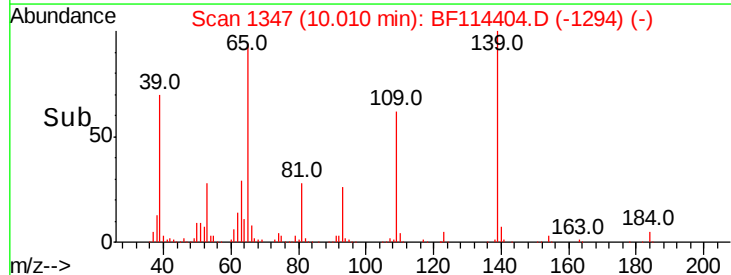
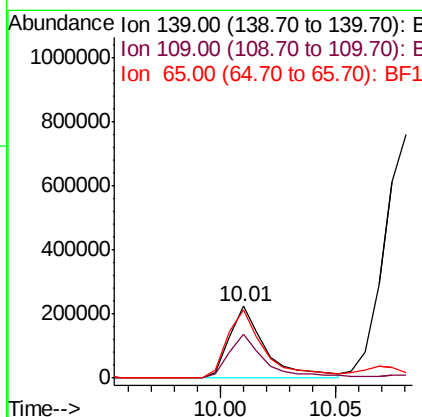
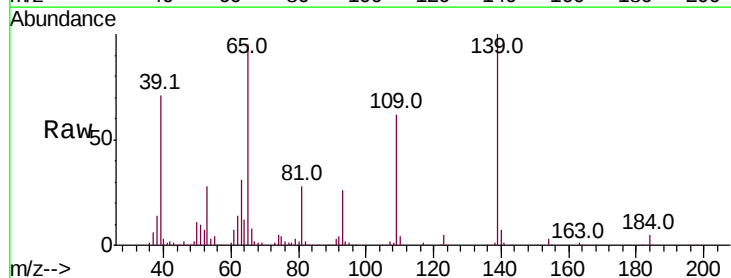
Instrument :
BNA_F
ClientSampleId :

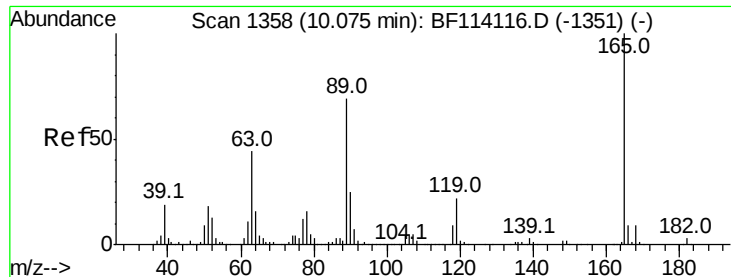
Tot Ion:168 Resp: 1869289
Ion Ratio Lower Upper
168 100
139 37.4 31.1 46.7
169 14.1 11.4 17.0



#56
4-Nitrophenol
Concen: 29.398 ng
RT: 10.01 min Scan# 1347
Delta R.T. 0.01 min
Lab File: BF114404.D
Acq: 18 May 2019 21:54

Tgt Ion:139 Resp: 244675
Ion Ratio Lower Upper
139 100
109 61.7 43.9 83.9
65 94.7 85.7 125.7

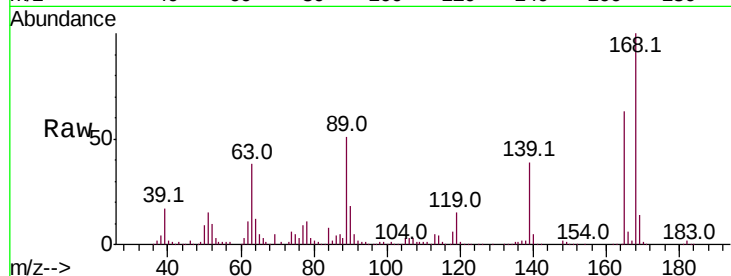




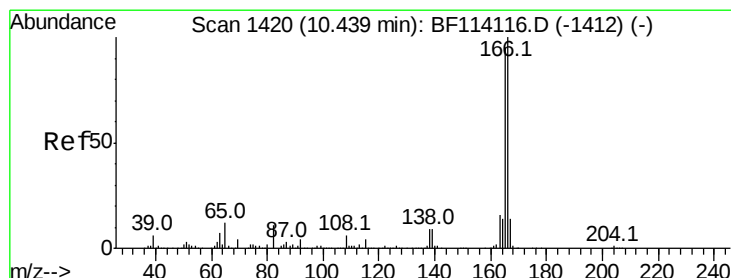
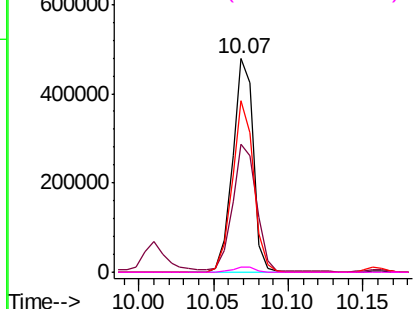
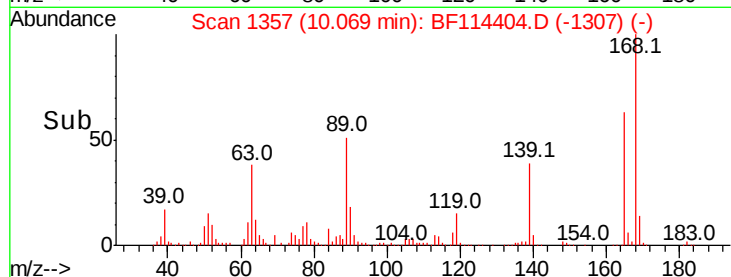
#57
2,4-Dinitrotoluene
Concen: 36.233 ng
RT: 10.07 min Scan# 1357
Delta R.T. -0.01 min
Lab File: BF114404.D
Acq: 18 May 2019 21:54

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	60.1	35.5	53.3#
89	80.4	55.2	82.8
182	2.5	2.2	3.2

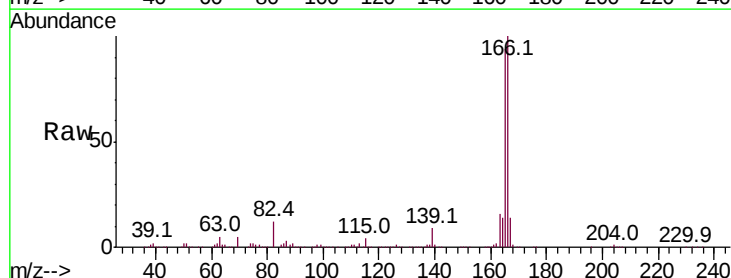


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

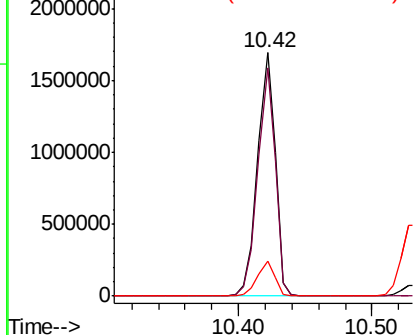
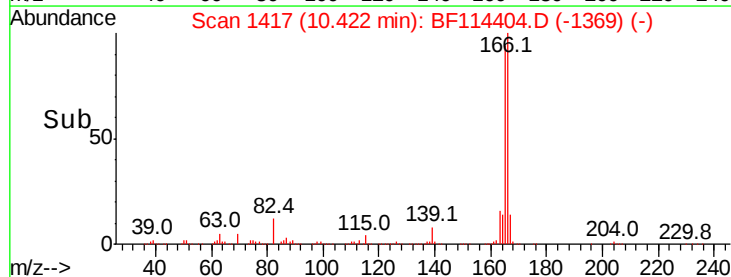


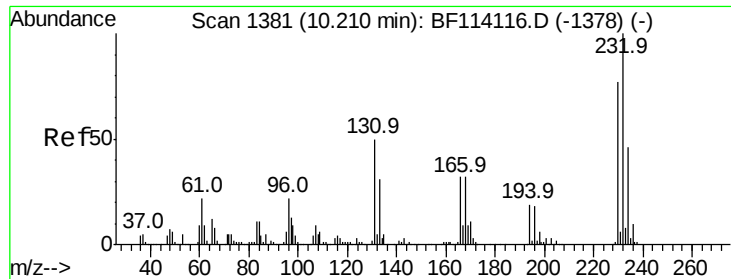
#58
Fluorene
Concen: 38.032 ng
RT: 10.42 min Scan# 1417
Delta R.T. -0.02 min
Lab File: BF114404.D
Acq: 18 May 2019 21:54

Tgt Ion	Ratio	Lower	Upper
166	100		
165	93.6	76.1	114.1
167	14.2	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: 36.042 ng

RT: 10.20 min Scan# 1380

Delta R.T. -0.01 min

Lab File: BF114404.D

Acq: 18 May 2019 21:54

Instrument :

BNA_F

ClientSampleId :

Tot Ion:232 Resp: 386930

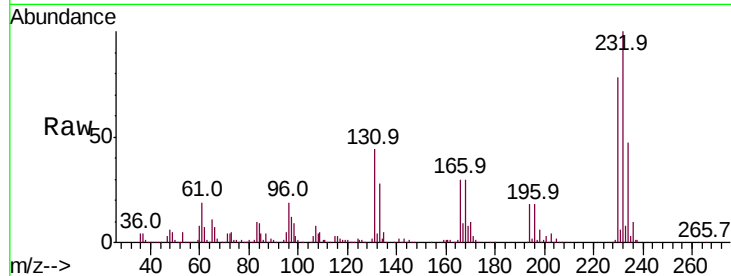
Ion Ratio Lower Upper

232 100

131 46.7 35.6 53.4

130 2.2 1.6 2.4

166 30.3 24.1 36.1

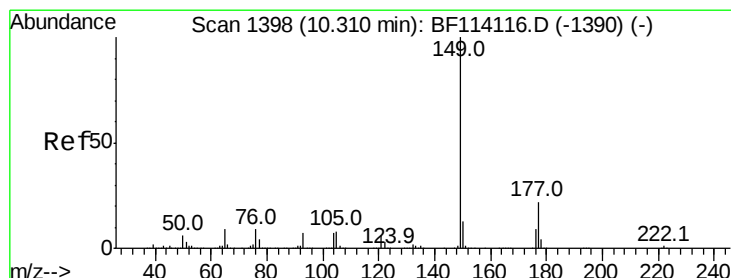
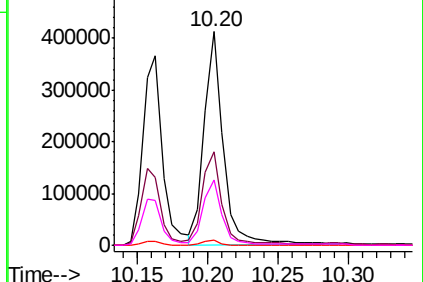
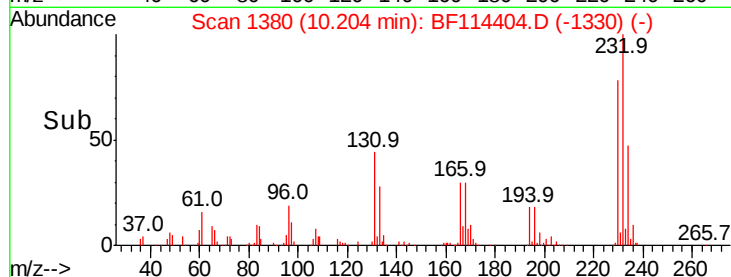


Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60

Diethylphthalate

Concen: 38.932 ng

RT: 10.29 min Scan# 1395

Delta R.T. -0.02 min

Lab File: BF114404.D

Acq: 18 May 2019 21:54

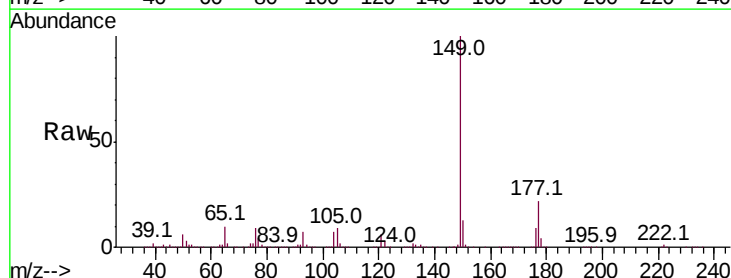
Tgt Ion:149 Resp: 1690847

Ion Ratio Lower Upper

149 100

177 21.8 17.8 26.6

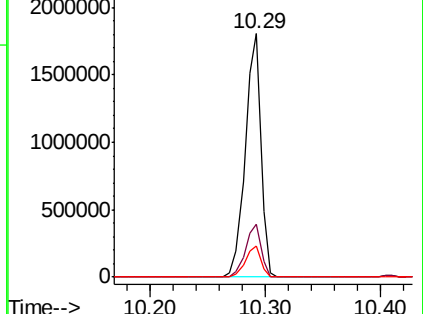
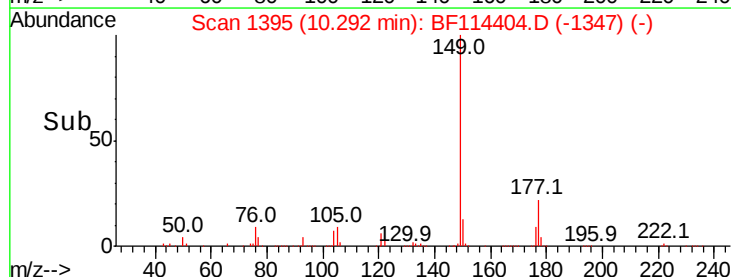
150 13.0 10.2 15.2

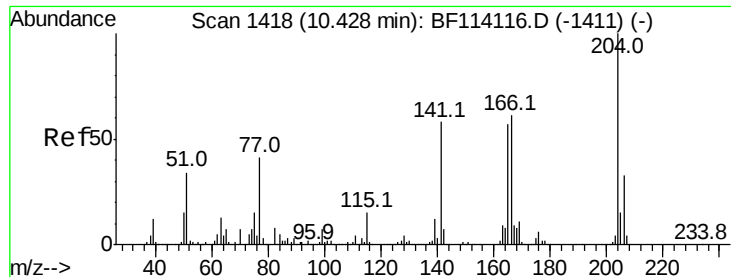


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

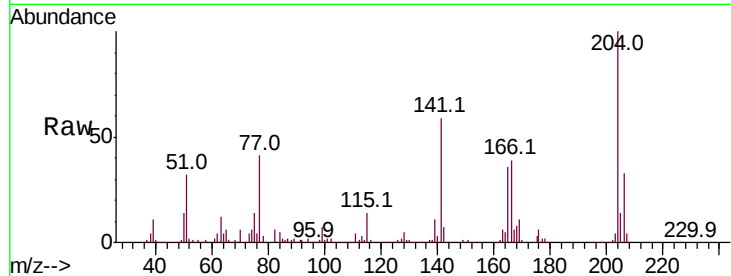




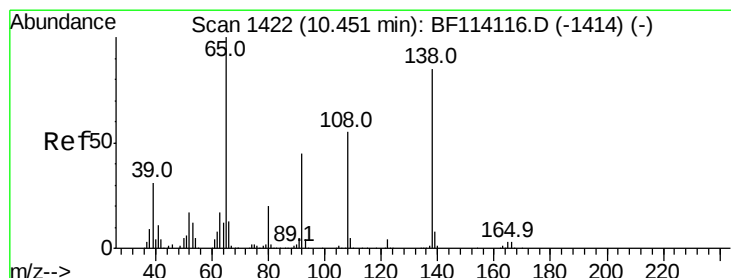
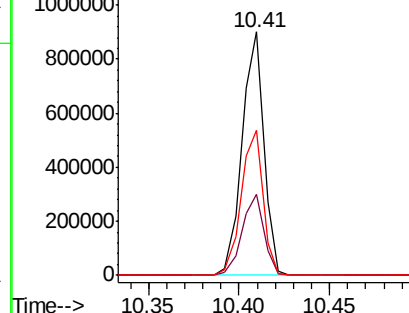
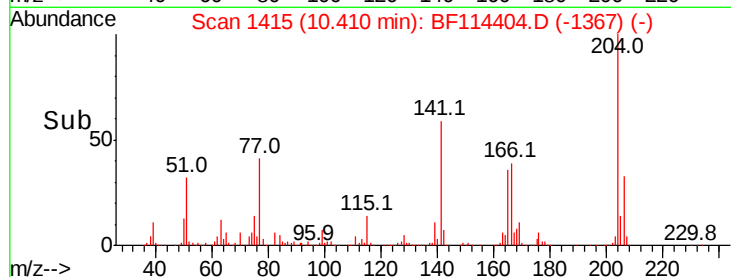
#61
 4-Chlorophenyl-phenylether
 Concen: 38.279 ng
 RT: 10.41 min Scan# 1415
 Delta R.T. -0.02 min
 Lab File: BF114404.D
 Acq: 18 May 2019 21:54

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.3	26.6	39.8
141	59.4	46.4	69.6

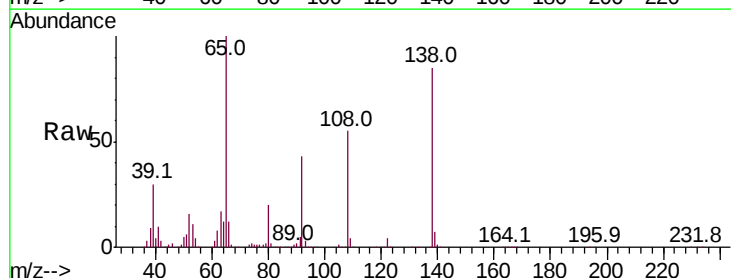


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

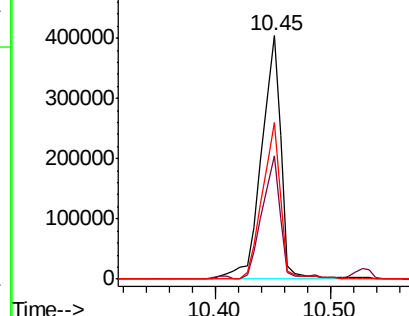
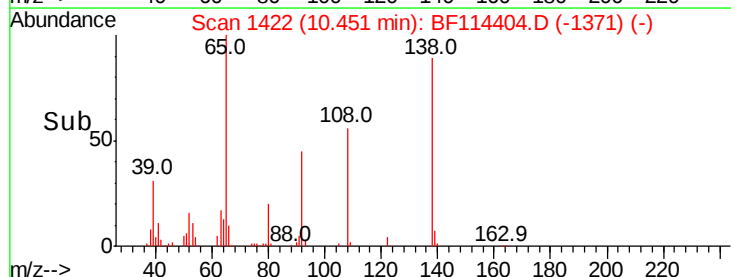


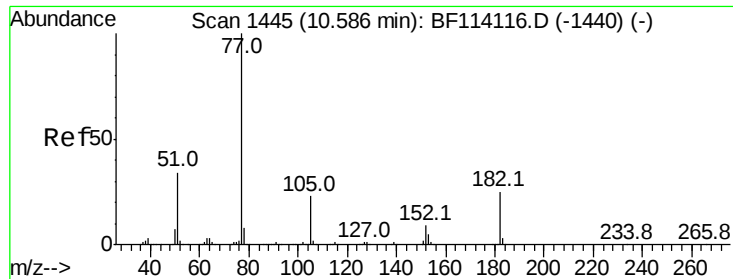
#62
 4-Nitroaniline
 Concen: 39.028 ng
 RT: 10.45 min Scan# 1422
 Delta R.T. -0.00 min
 Lab File: BF114404.D
 Acq: 18 May 2019 21:54

Tgt Ion	Ratio	Lower	Upper
138	100		
92	50.7	33.0	73.0
108	64.2	44.9	84.9



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

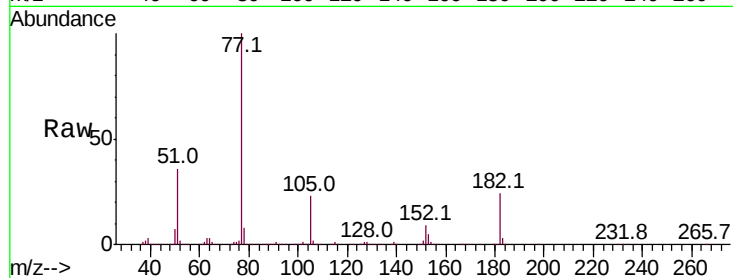




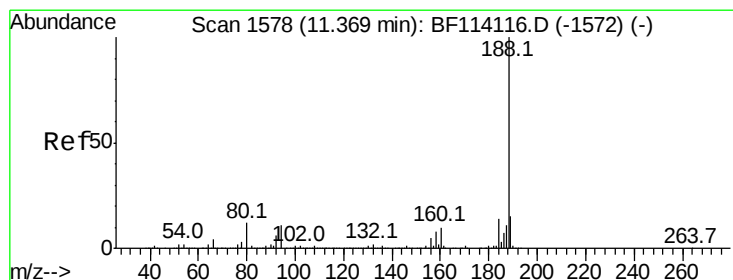
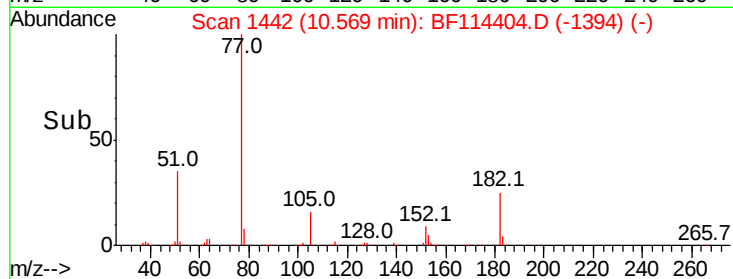
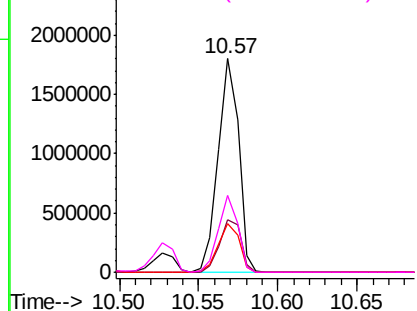
#63
Azobenzene
Concen: 38.593 ng
RT: 10.57 min Scan# 1442
Delta R.T. -0.02 min
Lab File: BF114404.D
Acq: 18 May 2019 21:54

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 77 Resp: 1622413
Ion Ratio Lower Upper
77 100
182 24.5 4.7 44.7
105 23.0 2.9 42.9
51 36.1 14.6 54.6

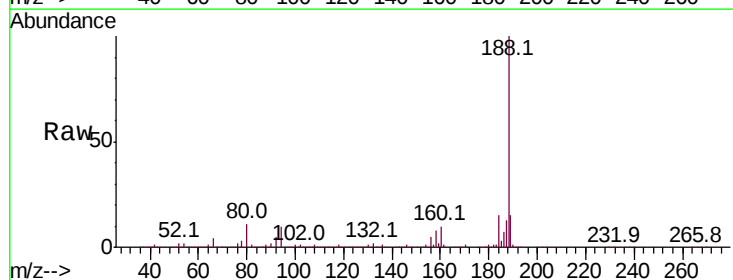


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

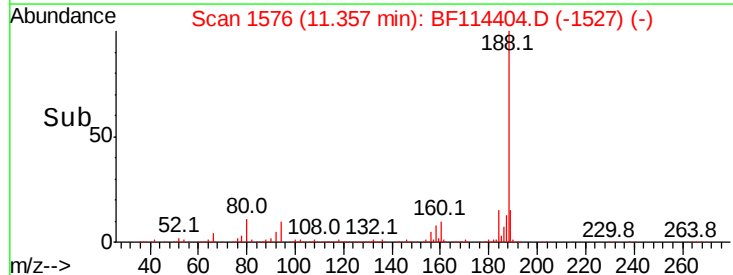
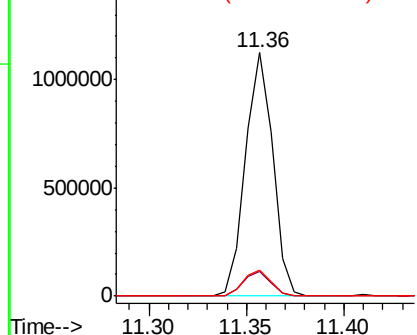


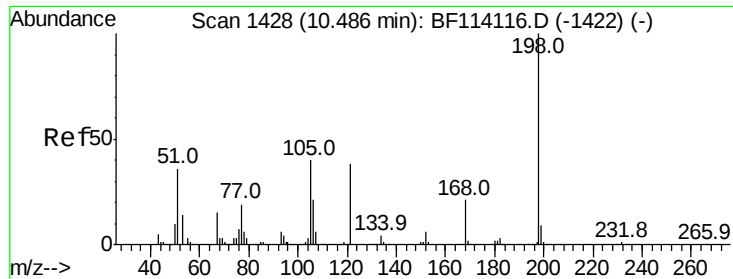
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1576
Delta R.T. -0.01 min
Lab File: BF114404.D
Acq: 18 May 2019 21:54

Tgt Ion: 188 Resp: 1098031
Ion Ratio Lower Upper
188 100
94 10.1 8.4 12.6
80 10.6 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

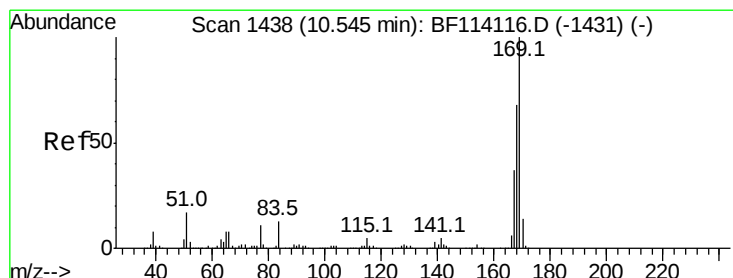
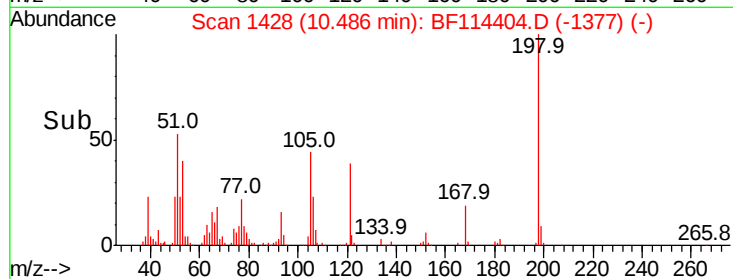
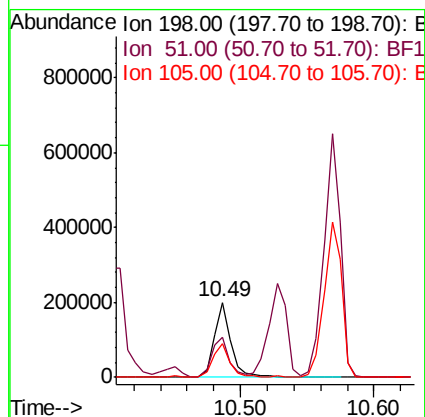
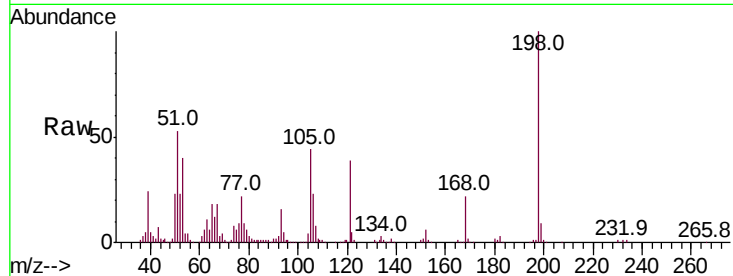




#65
4,6-Dinitro-2-methylphenol
Concen: 33.535 ng
RT: 10.49 min Scan# 1428
Delta R.T. -0.00 min
Lab File: BF114404.D
Acq: 18 May 2019 21:54

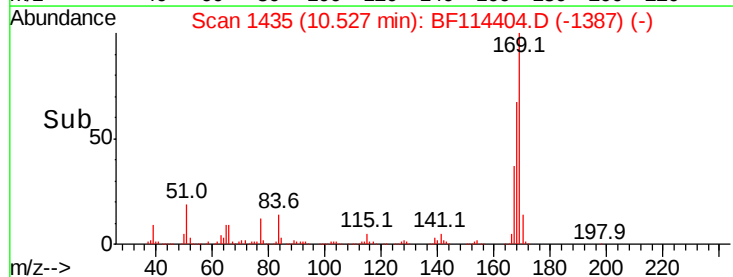
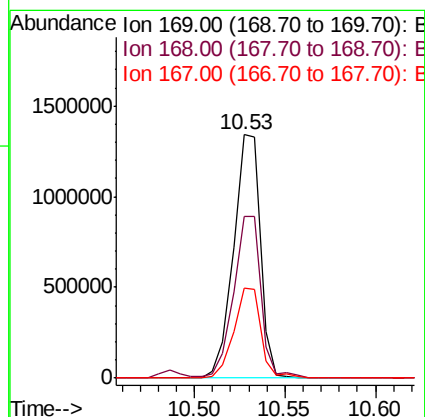
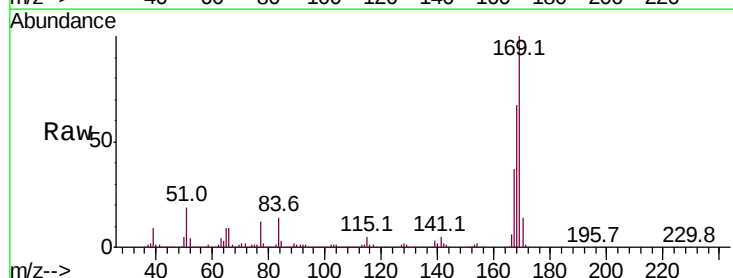
Instrument :
BNA_F
ClientSampleId :

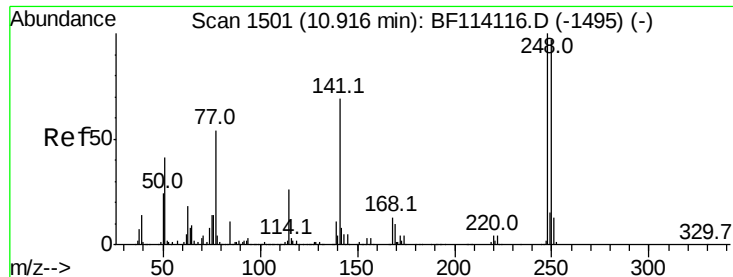
Tot Ion:198 Resp: 176939
Ion Ratio Lower Upper
198 100
51 52.8 28.0 68.0
105 44.4 21.1 61.1



#66
n-Nitrosodiphenylamine
Concen: 41.356 ng
RT: 10.53 min Scan# 1435
Delta R.T. -0.02 min
Lab File: BF114404.D
Acq: 18 May 2019 21:54

Tgt Ion:169 Resp: 1378203
Ion Ratio Lower Upper
169 100
168 66.6 54.2 81.2
167 37.0 29.8 44.8

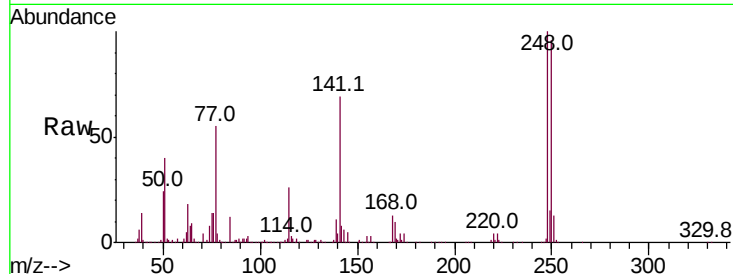




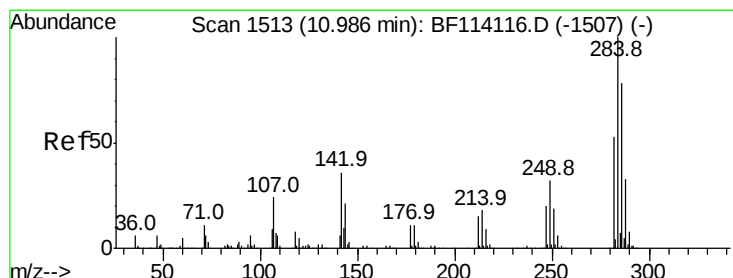
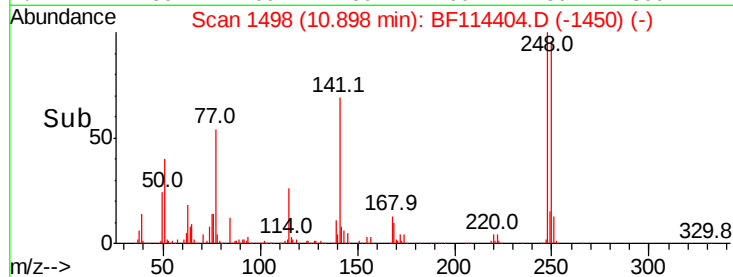
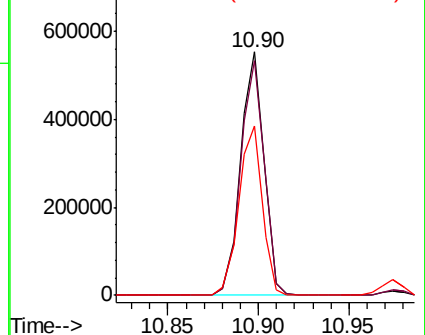
#67
4-Bromophenyl-phenylether
Concen: 40.898 ng
RT: 10.90 min Scan# 1498
Delta R.T. -0.02 min
Lab File: BF114404.D
Acq: 18 May 2019 21:54

Instrument :
BNA_F
ClientSampled :

Tot Ion:248 Resp: 494444
Ion Ratio Lower Upper
248 100
250 96.5 77.4 116.2
141 69.4 55.6 83.4

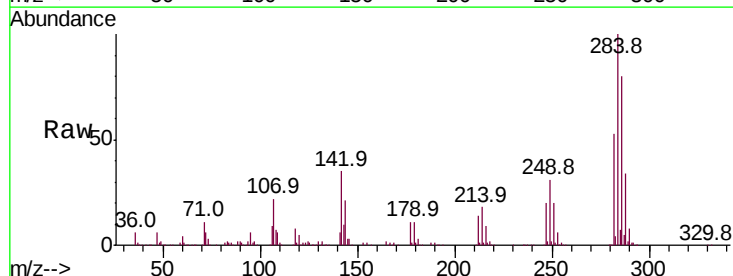


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

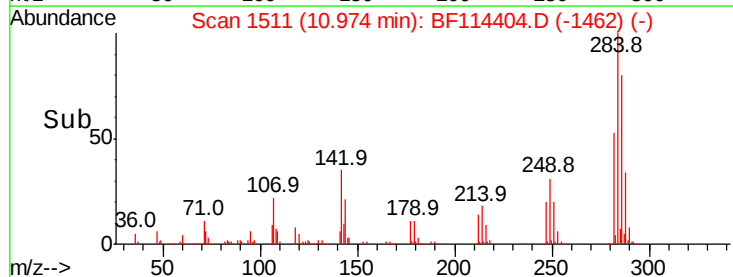
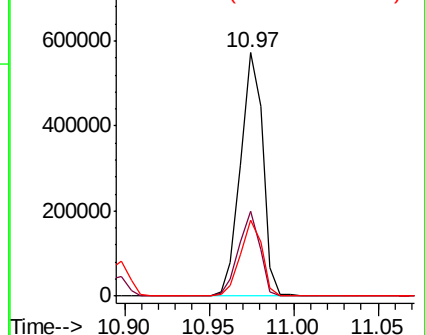


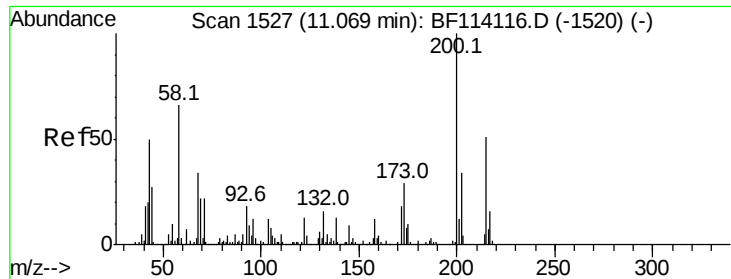
#68
Hexachlorobenzene
Concen: 39.447 ng
RT: 10.97 min Scan# 1511
Delta R.T. -0.01 min
Lab File: BF114404.D
Acq: 18 May 2019 21:54

Tgt Ion:284 Resp: 527591
Ion Ratio Lower Upper
284 100
142 34.6 28.4 42.6
249 31.3 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

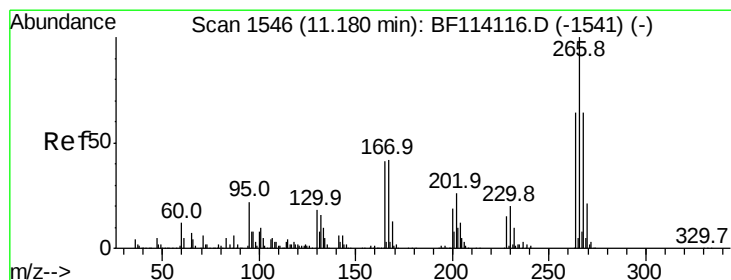
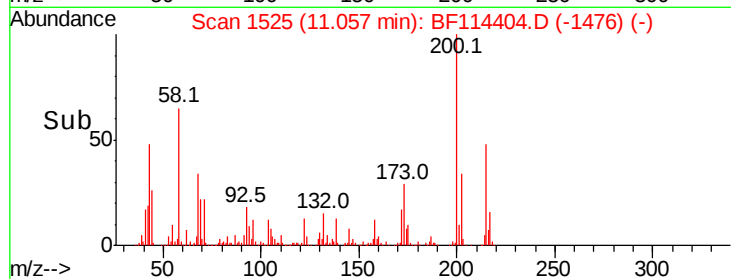
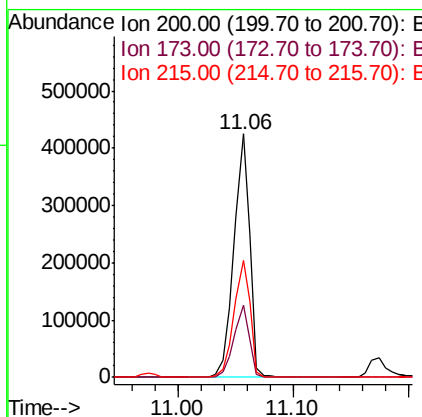
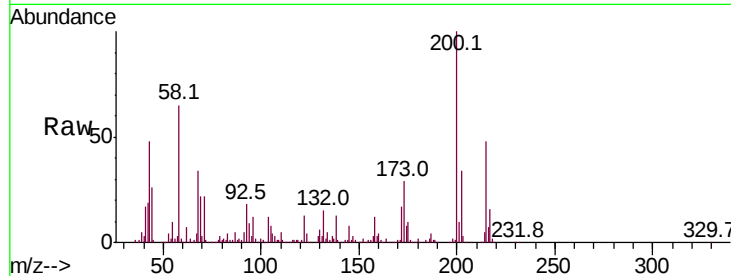




#69
Atrazine
Concen: 38.770 ng
RT: 11.06 min Scan# 1525
Delta R.T. -0.01 min
Lab File: BF114404.D
Acq: 18 May 2019 21:54

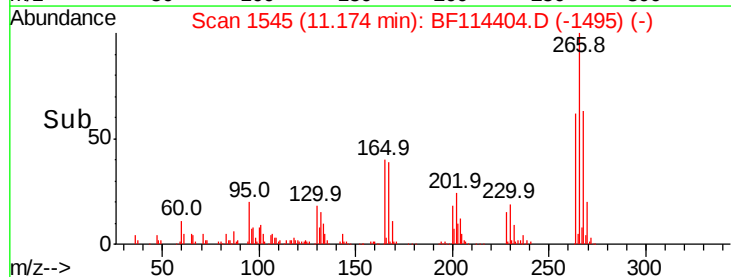
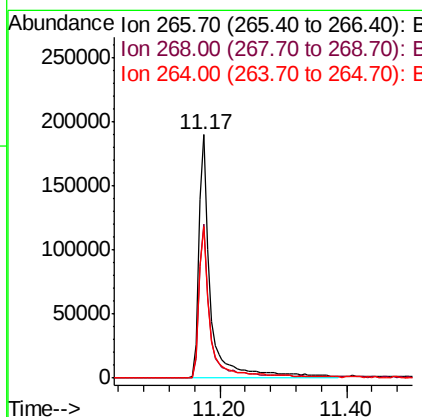
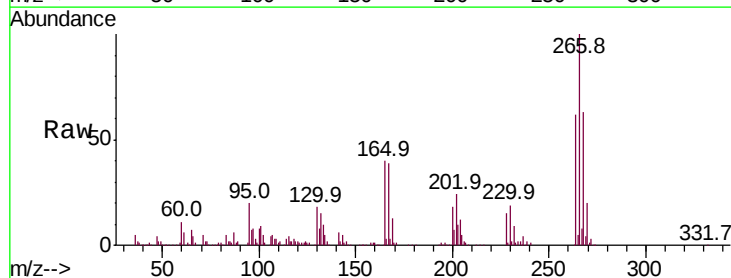
Instrument :
BNA_F
ClientSampleId :

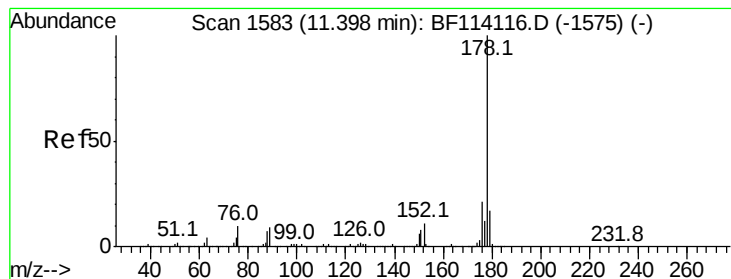
Tot Ion	Ratio	Lower	Upper
200	100		
173	29.4	8.9	48.9
215	48.3	30.7	70.7



#70
Pentachlorophenol
Concen: 38.455 ng
RT: 11.17 min Scan# 1545
Delta R.T. -0.01 min
Lab File: BF114404.D
Acq: 18 May 2019 21:54

Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.2	51.1	76.7
264	62.3	51.1	76.7





#71

Phenanthrene

Concen: 39.584 ng

RT: 11.39 min Scan# 1581

Delta R.T. -0.01 min

Lab File: BF114404.D

Acq: 18 May 2019 21:54

Instrument :

BNA_F

ClientSampleId :

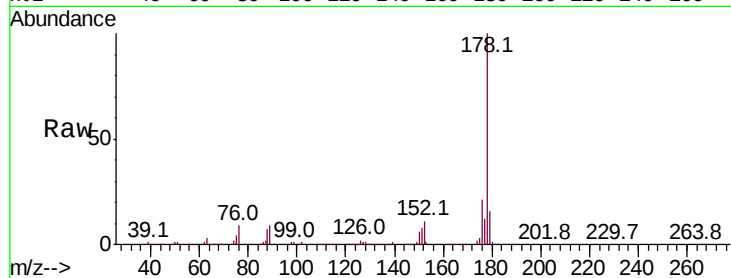
Tot Ion:178 Resp: 2114583

Ion Ratio Lower Upper

178 100

176 20.6 16.4 24.6

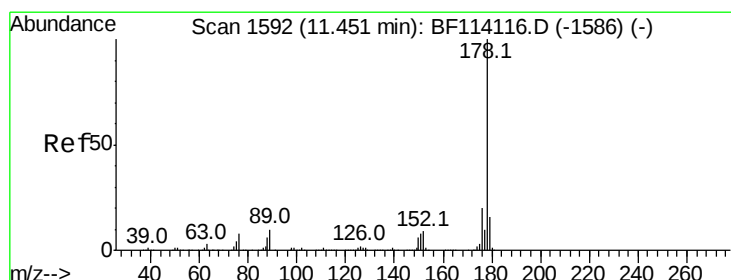
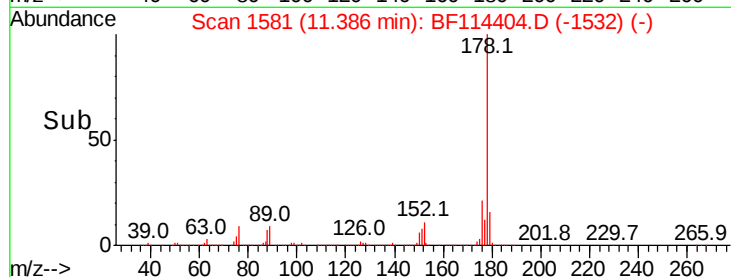
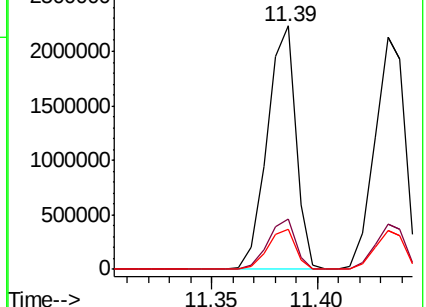
179 16.4 13.2 19.8



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 39.595 ng

RT: 11.43 min Scan# 1589

Delta R.T. -0.02 min

Lab File: BF114404.D

Acq: 18 May 2019 21:54

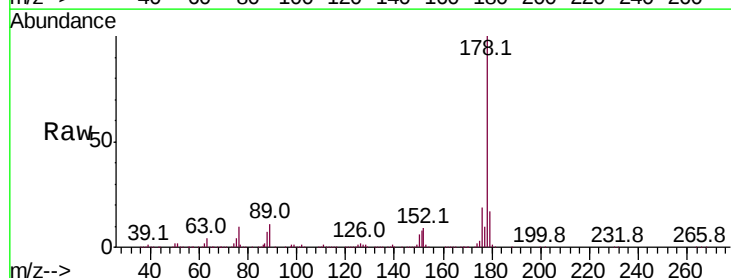
Tgt Ion:178 Resp: 2124546

Ion Ratio Lower Upper

178 100

176 19.4 15.8 23.8

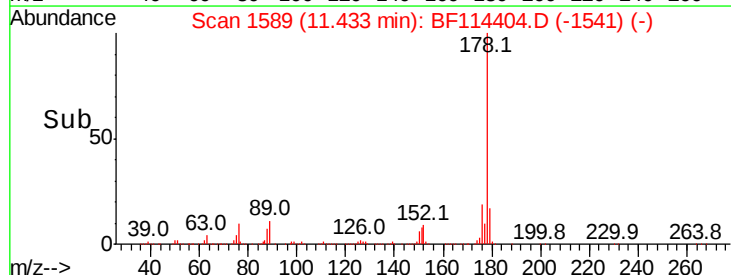
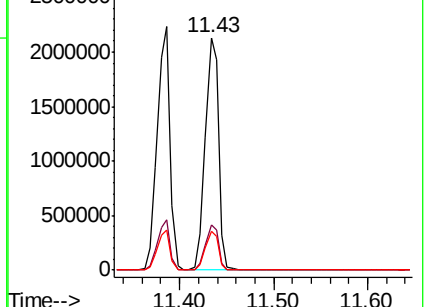
179 16.6 13.0 19.4

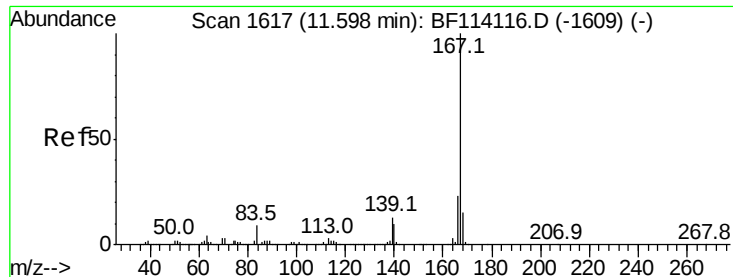


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#73

Carbazole

Concen: 39.066 ng

RT: 11.59 min Scan# 1616

Delta R.T. -0.01 min

Lab File: BF114404.D

Acq: 18 May 2019 21:54

Instrument :

BNA_F

ClientSampled :

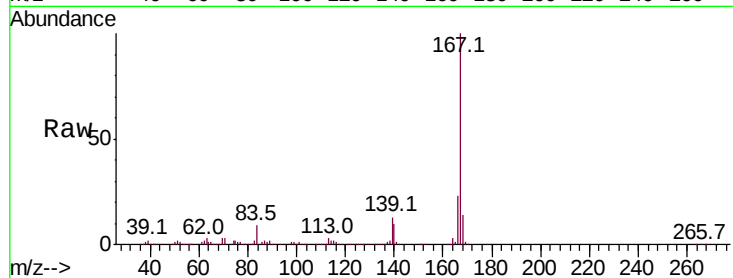
Tot Ion:167 Resp: 1998865

Ion Ratio Lower Upper

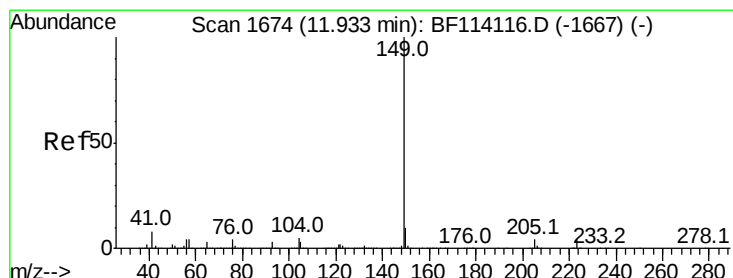
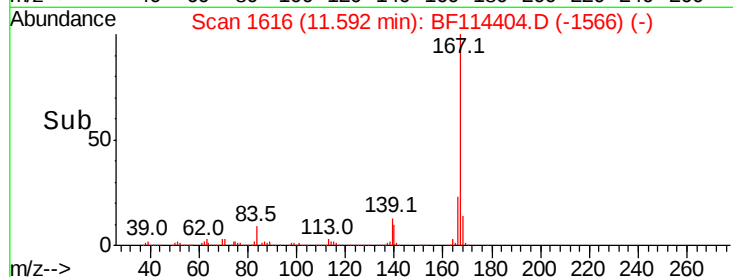
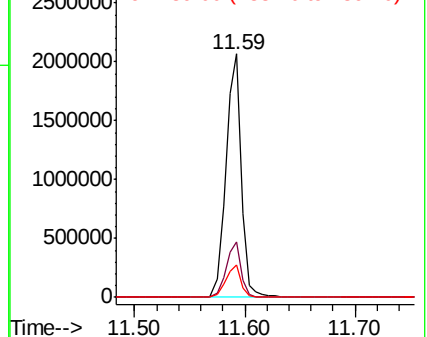
167 100

166 22.6 18.2 27.2

139 13.3 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: 43.949 ng

RT: 11.91 min Scan# 1670

Delta R.T. -0.02 min

Lab File: BF114404.D

Acq: 18 May 2019 21:54

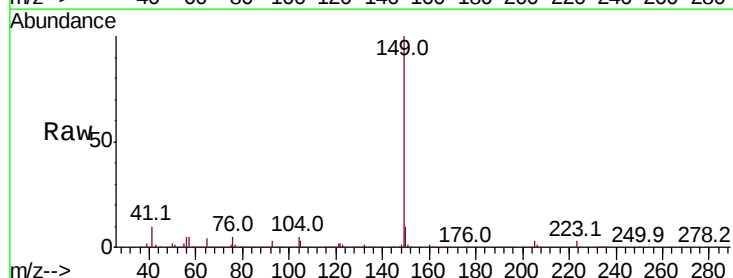
Tgt Ion:149 Resp: 2590700

Ion Ratio Lower Upper

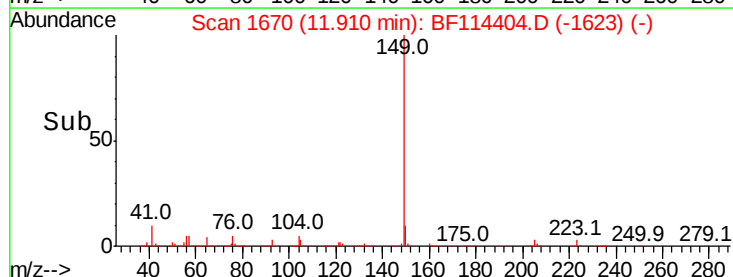
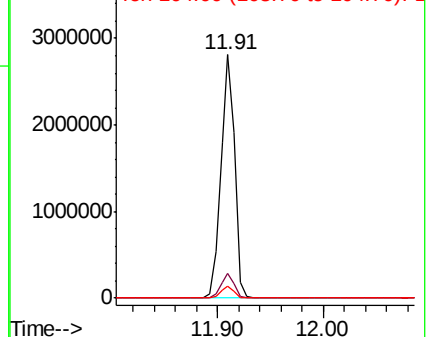
149 100

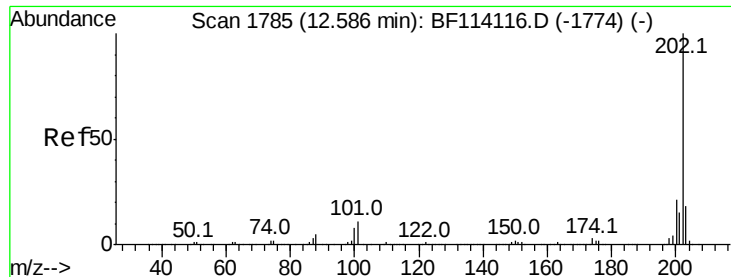
150 10.2 7.7 11.5

104 5.1 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

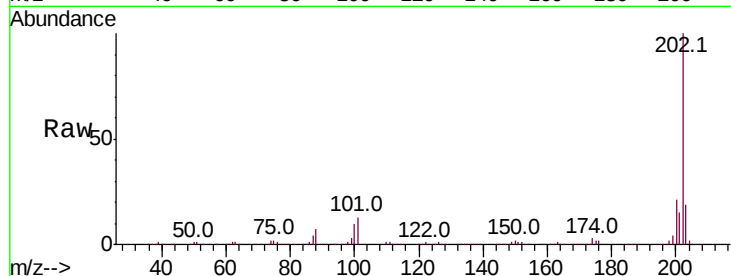




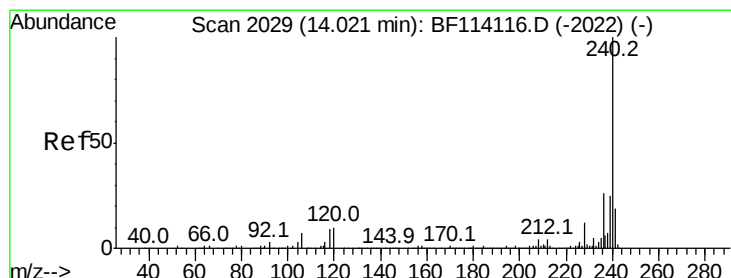
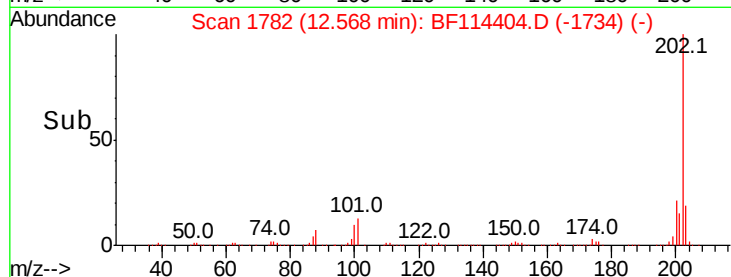
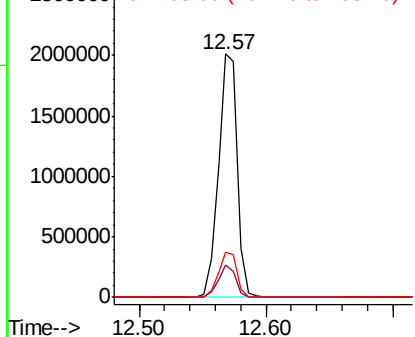
#75
 Fluoranthene
 Concen: 36.258 ng
 RT: 12.57 min Scan# 1782
 Delta R.T. -0.02 min
 Lab File: BF114404.D
 Acq: 18 May 2019 21:54

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:202 Resp: 2085833
 Ion Ratio Lower Upper
 202 100
 101 13.2 0.0 31.0
 203 18.6 0.0 38.4

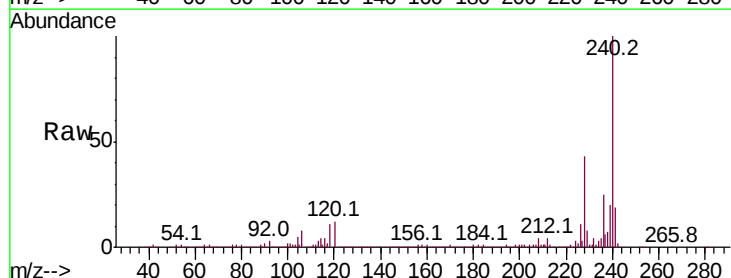


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E

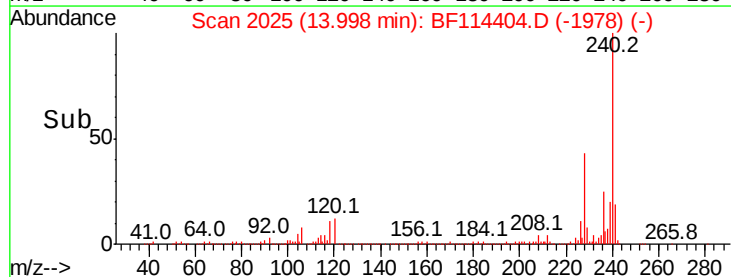
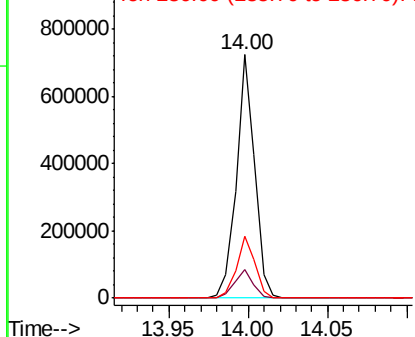


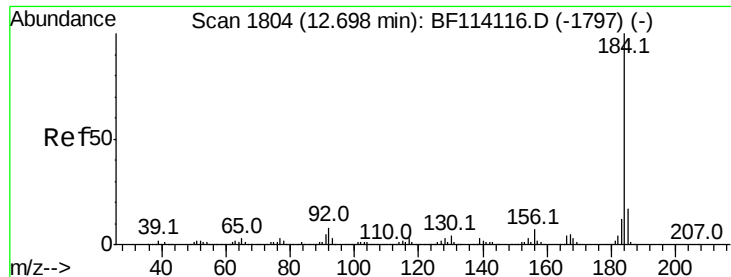
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.00 min Scan# 2025
 Delta R.T. -0.02 min
 Lab File: BF114404.D
 Acq: 18 May 2019 21:54

Tgt Ion:240 Resp: 576948
 Ion Ratio Lower Upper
 240 100
 120 11.9 8.3 12.5
 236 25.3 20.8 31.2



Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 31.427 ng

RT: 12.69 min Scan# 1802

Delta R.T. -0.01 min

Lab File: BF114404.D

Acq: 18 May 2019 21:54

Instrument :

BNA_F

ClientSampled :

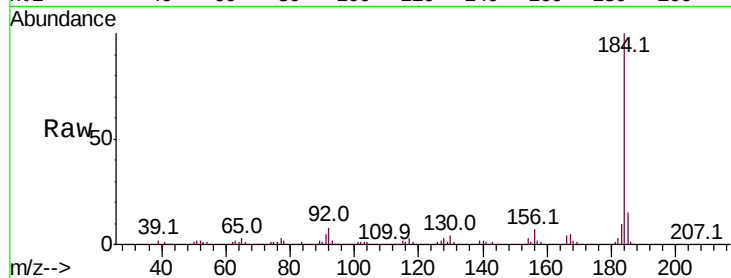
Tot Ion:184 Resp: 813917

Ion Ratio Lower Upper

184 100

185 15.2 13.6 20.4

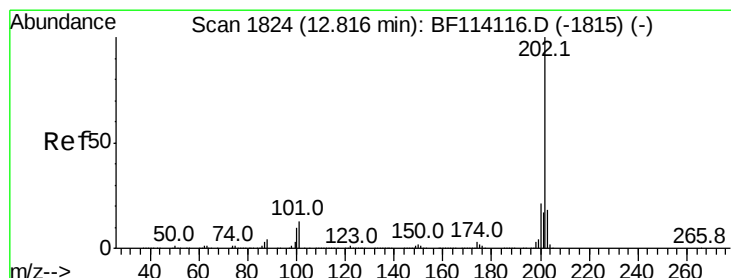
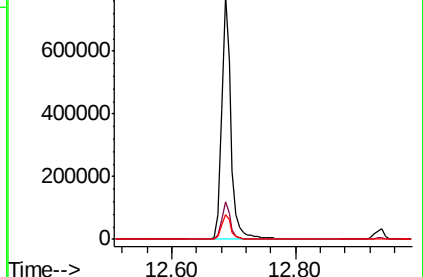
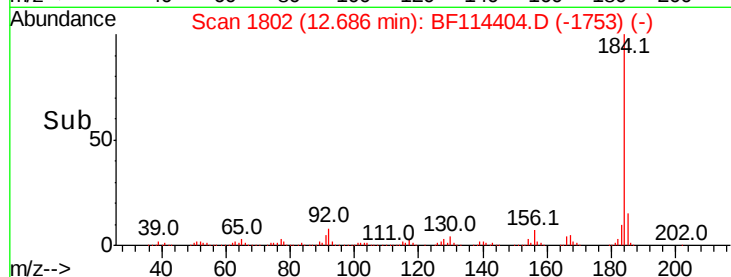
183 10.4 9.2 13.8



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 44.122 ng

RT: 12.80 min Scan# 1821

Delta R.T. -0.02 min

Lab File: BF114404.D

Acq: 18 May 2019 21:54

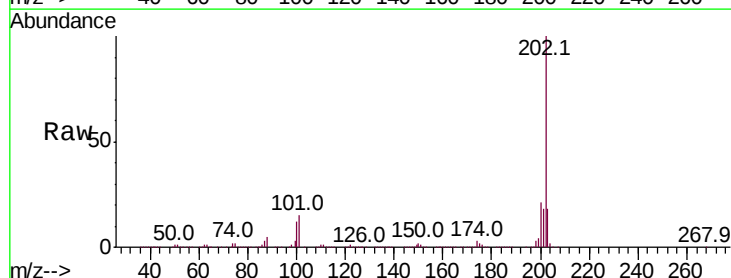
Tgt Ion:202 Resp: 2047824

Ion Ratio Lower Upper

202 100

200 21.2 16.9 25.3

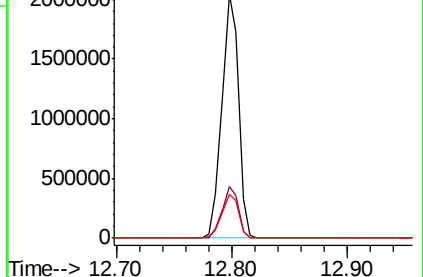
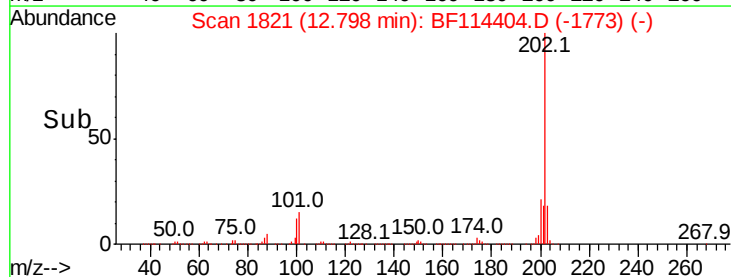
203 18.3 14.5 21.7

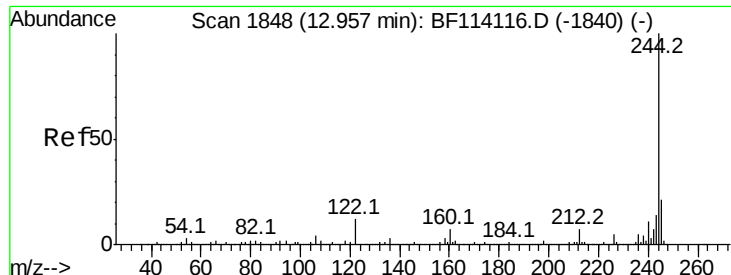


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 91.162 ng

RT: 12.94 min Scan# 1845

Delta R.T. -0.02 min

Lab File: BF114404.D

Acq: 18 May 2019 21:54

Instrument :

BNA_F

ClientSampleId :

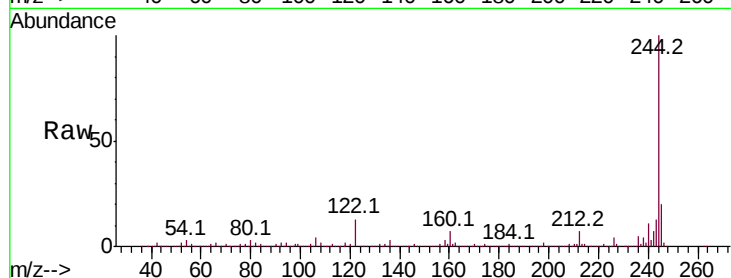
Tot Ion:244 Resp: 2551408

Ion Ratio Lower Upper

244 100

212 7.2 5.8 8.6

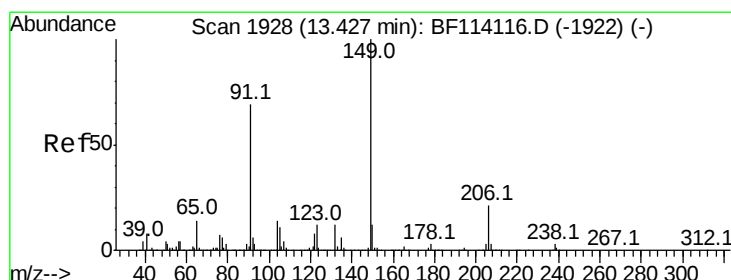
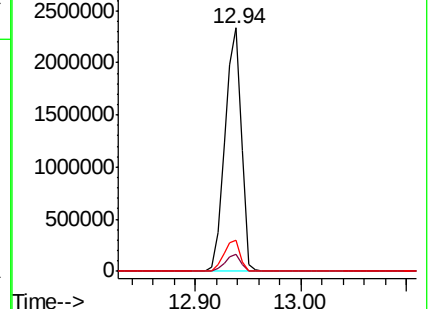
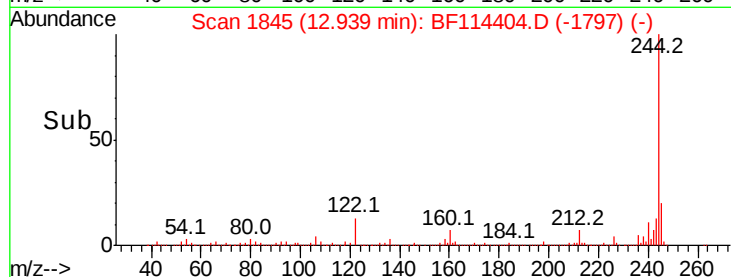
122 12.9 9.4 14.2



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: 52.276 ng

RT: 13.40 min Scan# 1924

Delta R.T. -0.02 min

Lab File: BF114404.D

Acq: 18 May 2019 21:54

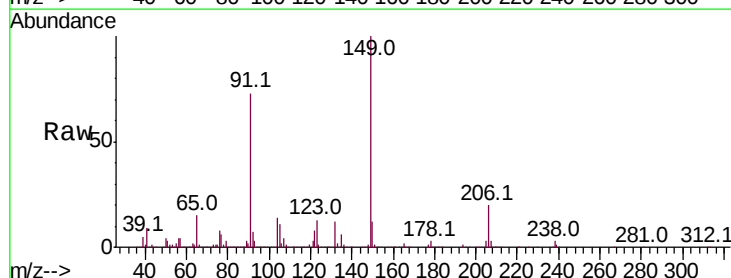
Tgt Ion:149 Resp: 1021236

Ion Ratio Lower Upper

149 100

91 73.5 55.0 82.4

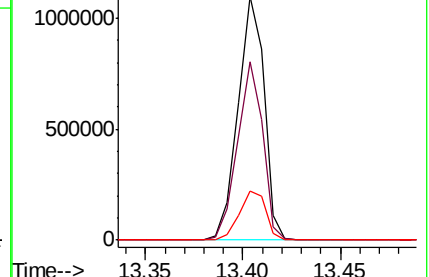
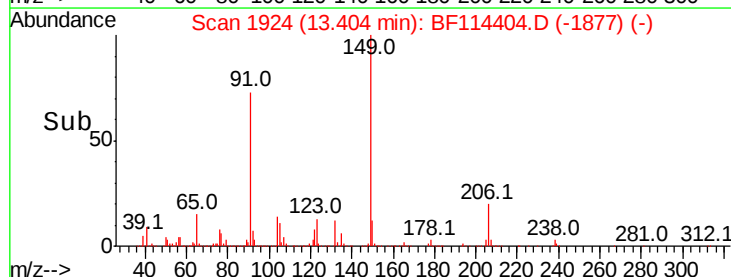
206 20.1 16.9 25.3

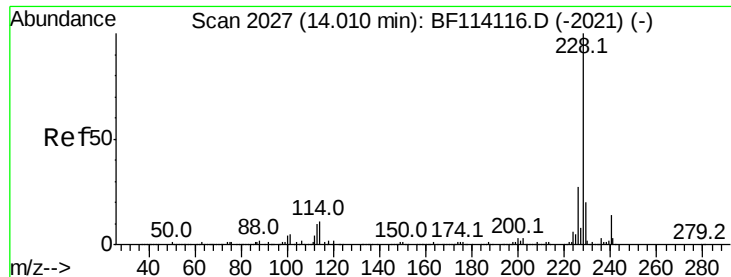


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 41.772 ng

RT: 13.99 min Scan# 2023

Delta R.T. -0.02 min

Lab File: BF114404.D

Acq: 18 May 2019 21:54

Instrument :

BNA_F

ClientSampleId :

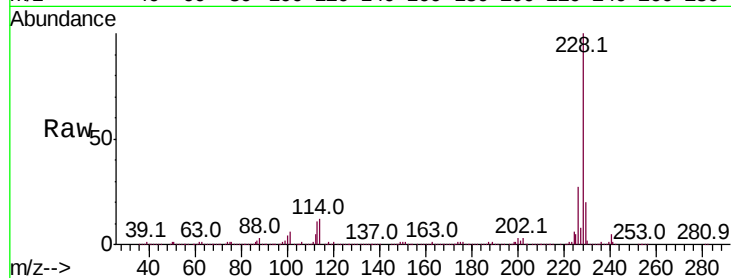
Tot Ion:228 Resp: 1558796

Ion	Ratio	Lower	Upper
228	100		
226	27.1	22.2	33.2
229	20.2	16.4	24.6

228 100

226 27.1 22.2 33.2

229 20.2 16.4 24.6

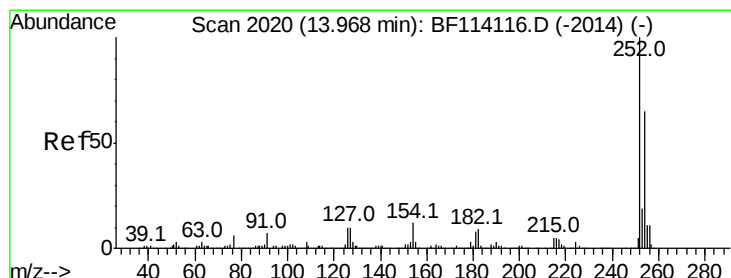
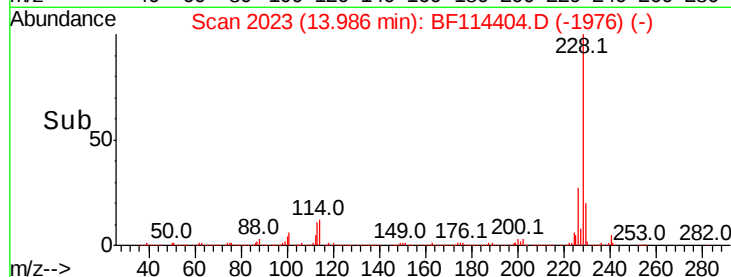
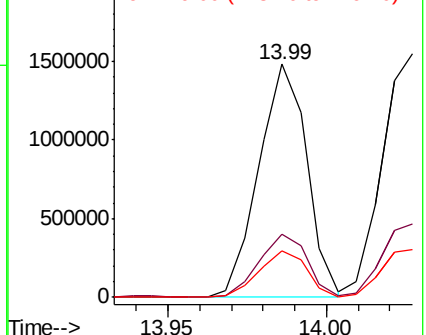


Abundance

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: 42.679 ng

RT: 13.94 min Scan# 2016

Delta R.T. -0.02 min

Lab File: BF114404.D

Acq: 18 May 2019 21:54

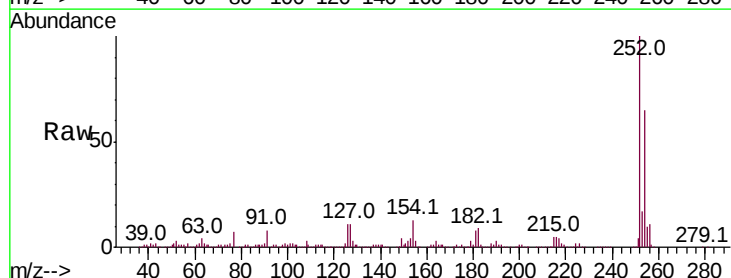
Tgt Ion:252 Resp: 617836

Ion	Ratio	Lower	Upper
252	100		
254	64.7	51.9	77.9
126	10.9	7.9	11.9

252 100

254 64.7 51.9 77.9

126 10.9 7.9 11.9

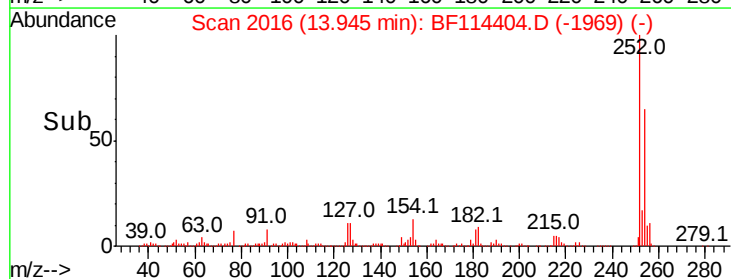
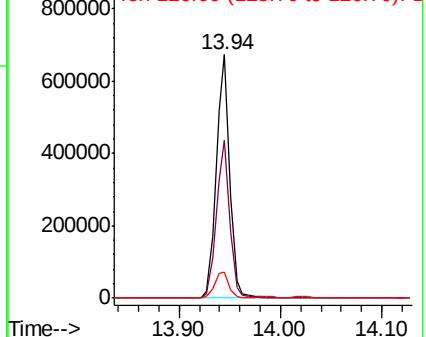


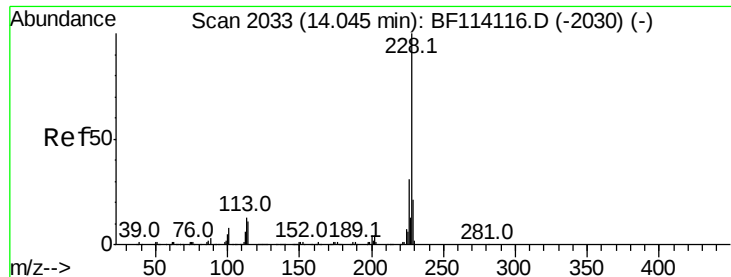
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 40.591 ng

RT: 14.03 min Scan# 2030

Delta R.T. -0.02 min

Lab File: BF114404.D

Acq: 18 May 2019 21:54

Instrument :

BNA_F

ClientSampleId :

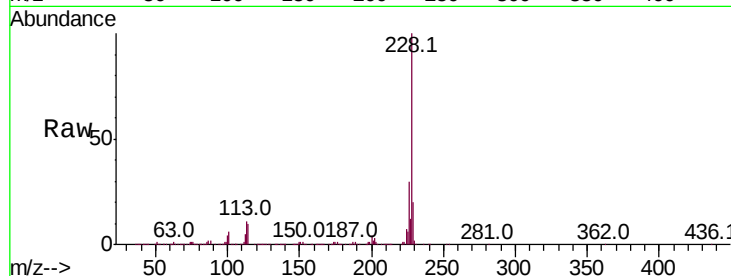
Tot Ion:228 Resp: 1484842

Ion Ratio Lower Upper

228 100

226 30.2 25.0 37.6

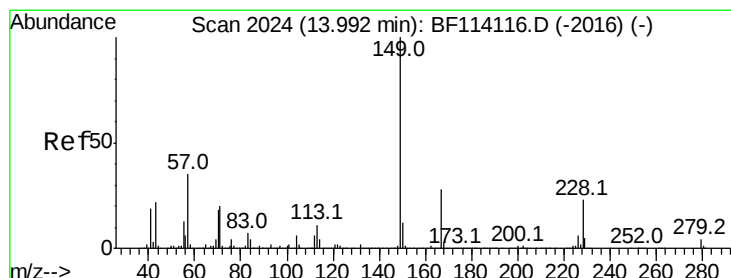
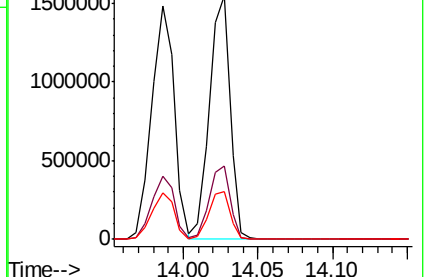
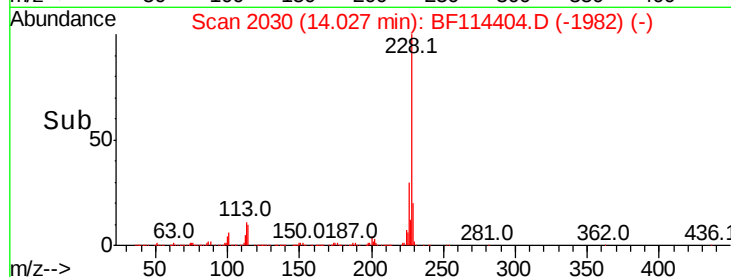
229 19.9 17.0 25.6



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 54.145 ng

RT: 13.96 min Scan# 2019

Delta R.T. -0.03 min

Lab File: BF114404.D

Acq: 18 May 2019 21:54

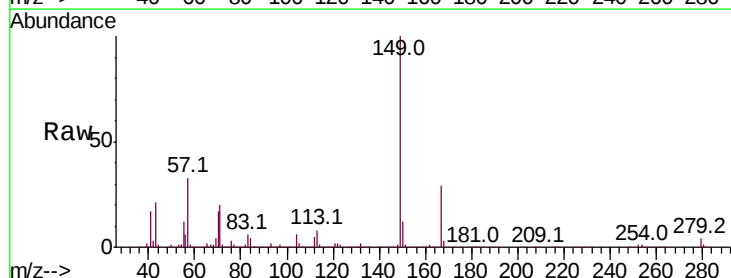
Tgt Ion:149 Resp: 1383401

Ion Ratio Lower Upper

149 100

167 28.8 22.6 33.8

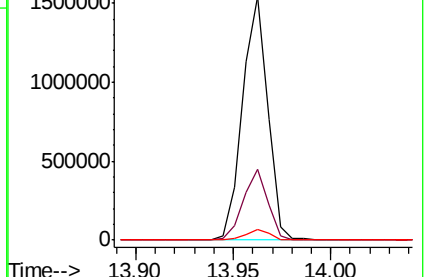
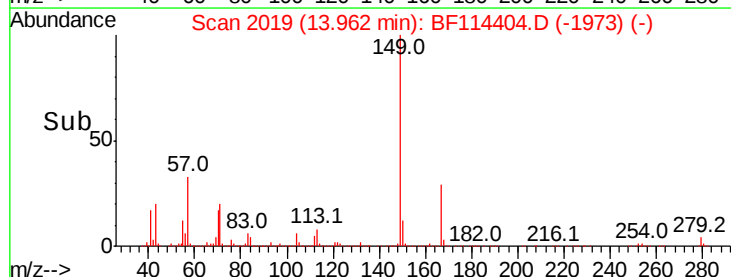
279 4.1 3.0 4.6

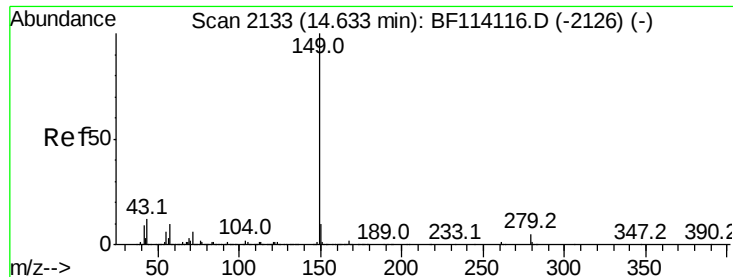


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 49.051 ng

RT: 14.57 min Scan# 2122

Delta R.T. -0.06 min

Lab File: BF114404.D

Acq: 18 May 2019 21:54

Instrument :

BNA_F

ClientSampled :

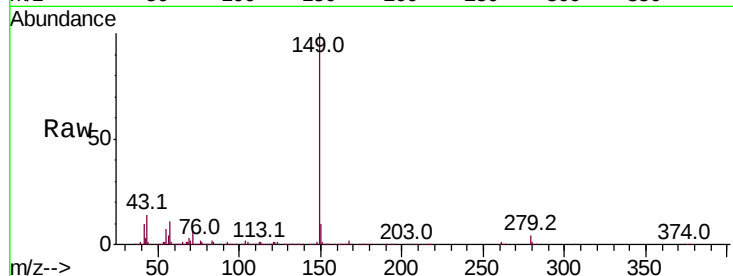
Tot Ion:149 Resp: 2031580

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

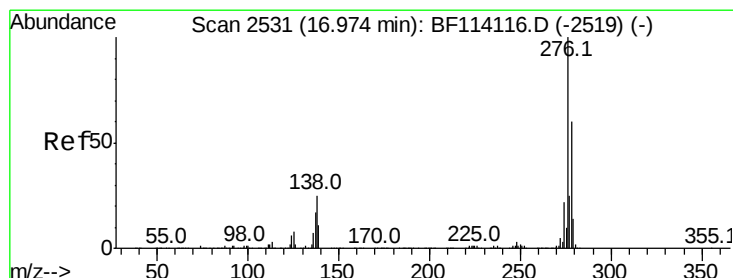
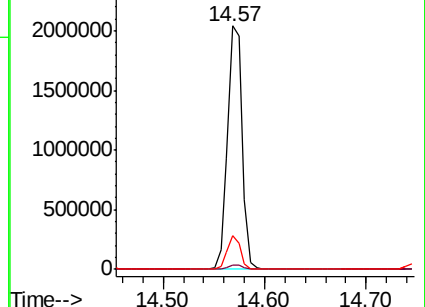
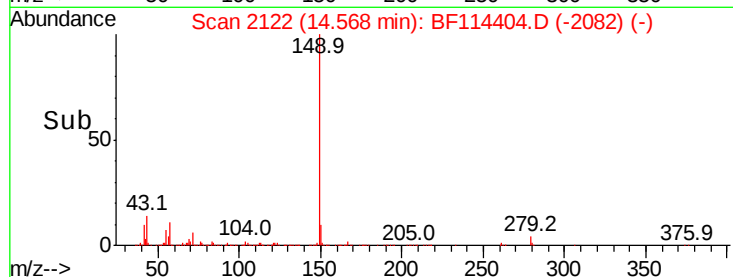
43 12.5 10.1 15.1



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: 53.856 ng

RT: 16.94 min Scan# 2526

Delta R.T. -0.03 min

Lab File: BF114404.D

Acq: 18 May 2019 21:54

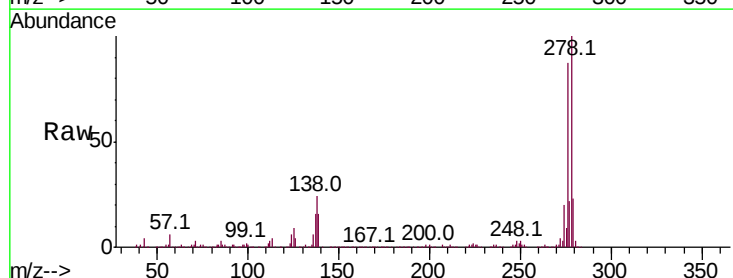
Tgt Ion:276 Resp: 1741132

Ion Ratio Lower Upper

276 100

138 25.6 20.2 30.2

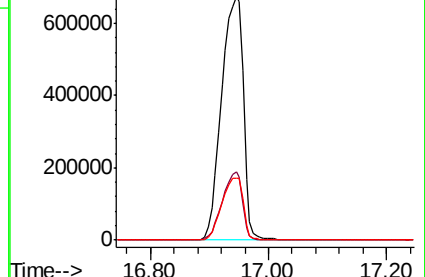
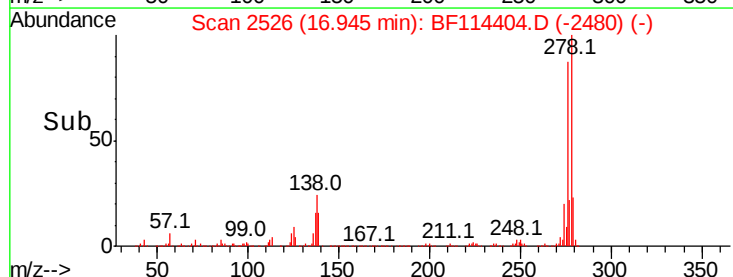
277 25.1 20.0 30.0

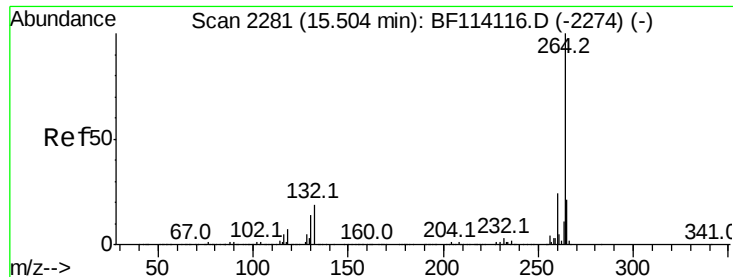


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.46 min Scan# 2273

Delta R.T. -0.05 min

Lab File: BF114404.D

Acq: 18 May 2019 21:54

Instrument :

BNA_F

ClientSampleId :

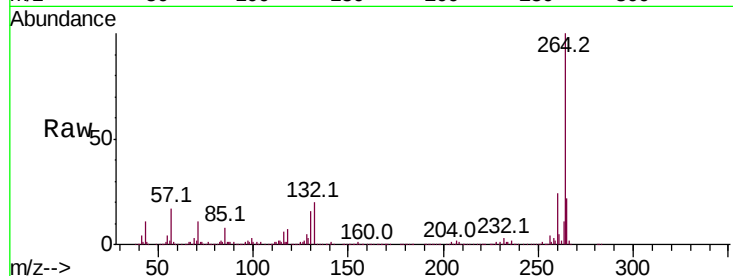
Tot Ion:264 Resp: 636400

Ion Ratio Lower Upper

264 100

260 23.7 19.4 29.0

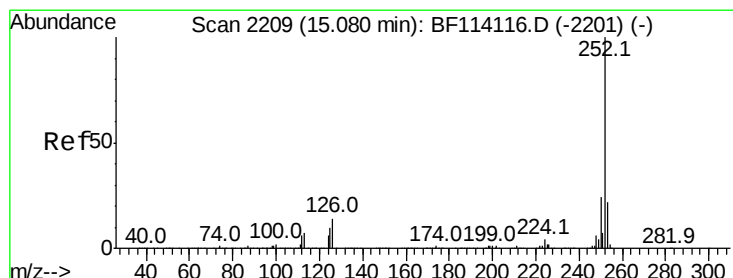
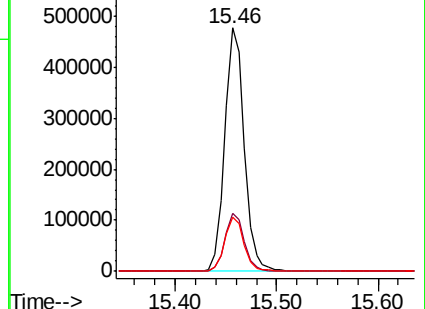
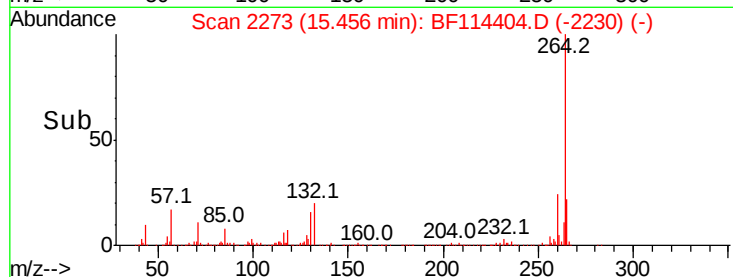
265 22.0 16.9 25.3



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: 39.849 ng

RT: 15.04 min Scan# 2202

Delta R.T. -0.04 min

Lab File: BF114404.D

Acq: 18 May 2019 21:54

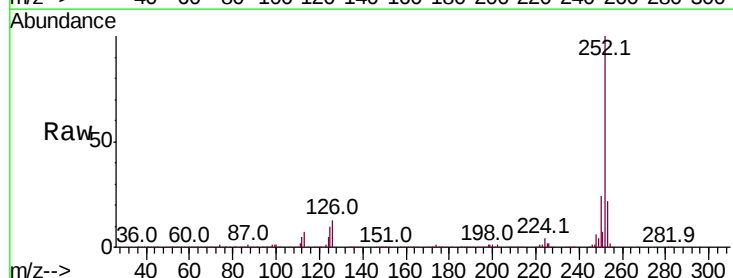
Tgt Ion:252 Resp: 1624701

Ion Ratio Lower Upper

252 100

253 22.2 17.8 26.8

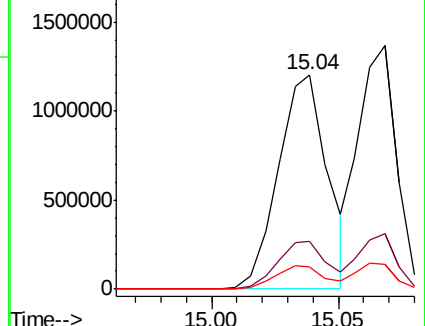
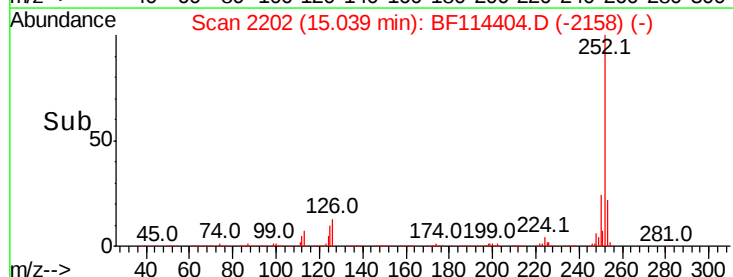
125 10.2 8.3 12.5

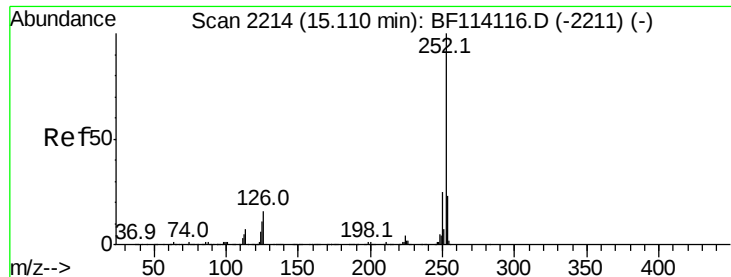


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

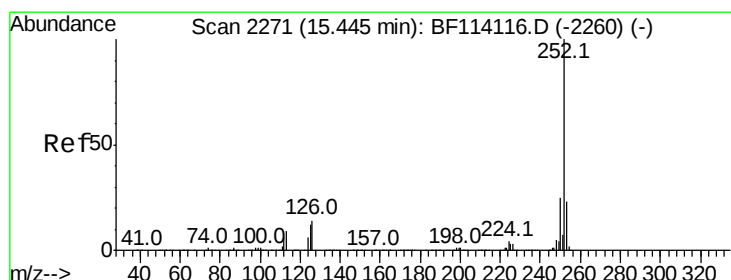
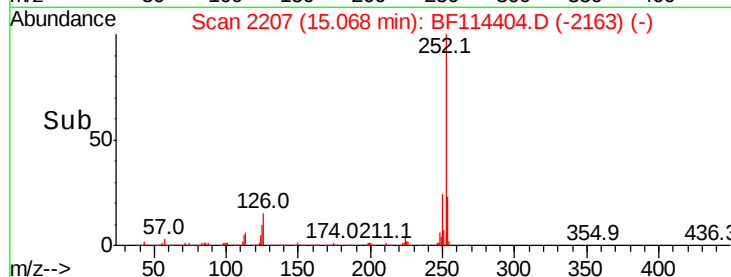
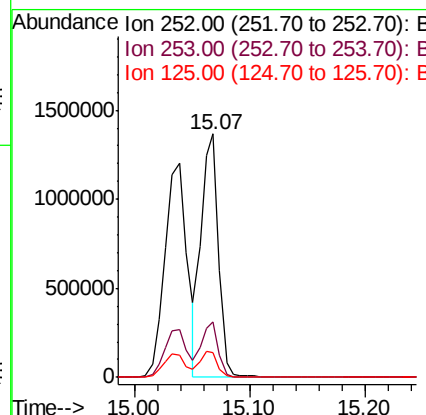
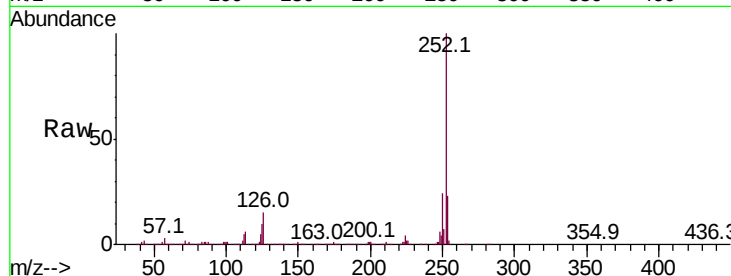




#89
Benzo(k)fluoranthene
Concen: 38.463 ng
RT: 15.07 min Scan# 2207
Delta R.T. -0.04 min
Lab File: BF114404.D
Acq: 18 May 2019 21:54

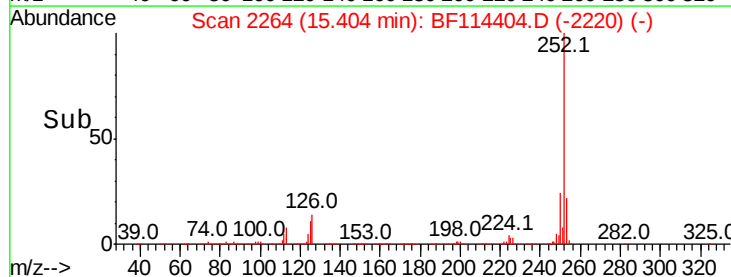
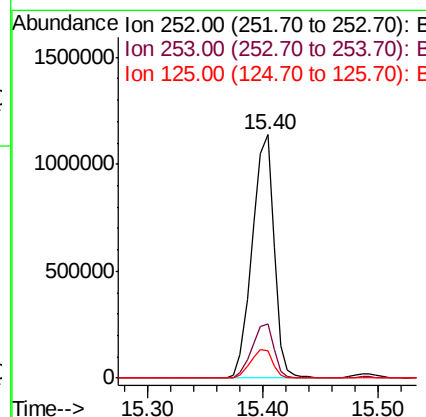
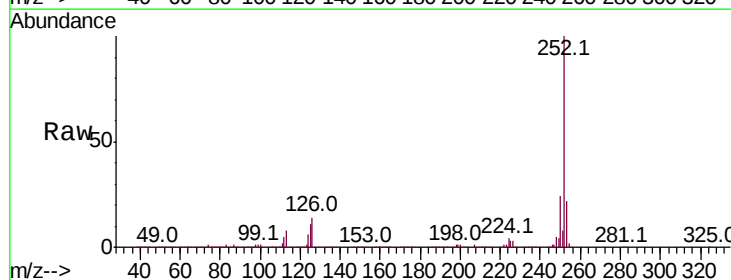
Instrument :
BNA_F
ClientSampleId :

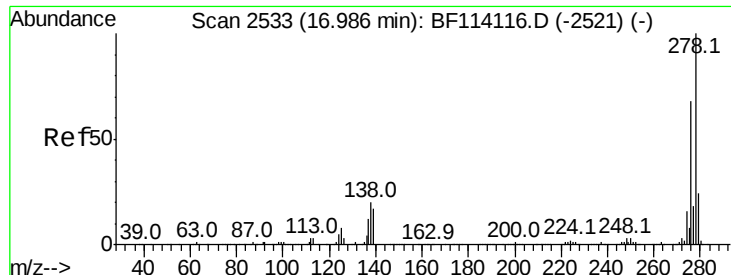
Tot Ion:252 Resp: 1440557
Ion Ratio Lower Upper
252 100
253 22.6 18.2 27.2
125 10.0 8.6 13.0



#90
Benzo(a)pyrene
Concen: 41.850 ng
RT: 15.40 min Scan# 2264
Delta R.T. -0.04 min
Lab File: BF114404.D
Acq: 18 May 2019 21:54

Tgt Ion:252 Resp: 1501653
Ion Ratio Lower Upper
252 100
253 22.0 18.1 27.1
125 11.4 9.5 14.3



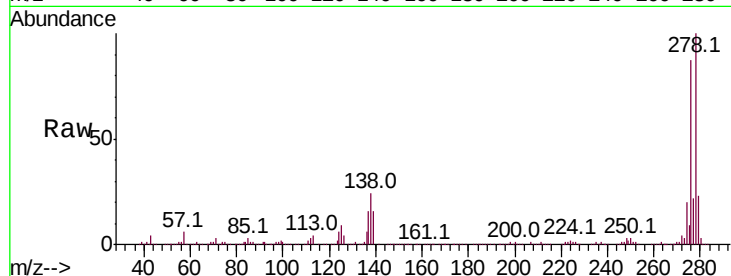


#91
Dibenzo(a,h)anthracene
Concen: 47.688 ng
RT: 16.94 min Scan# 2526
Delta R.T. -0.04 min
Lab File: BF114404.D
Acq: 18 May 2019 21:54

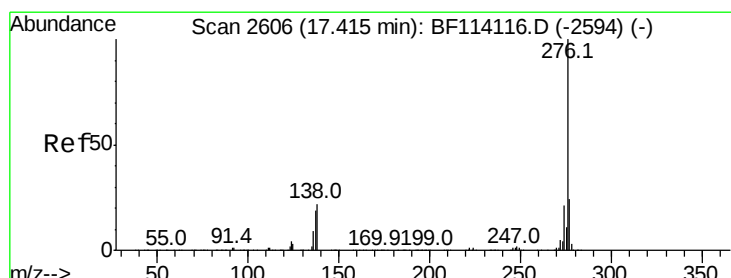
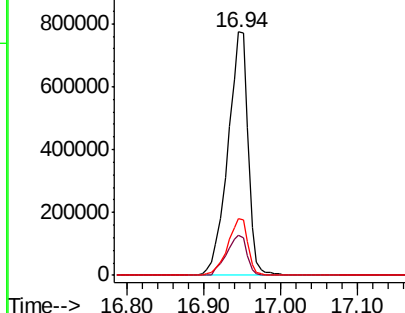
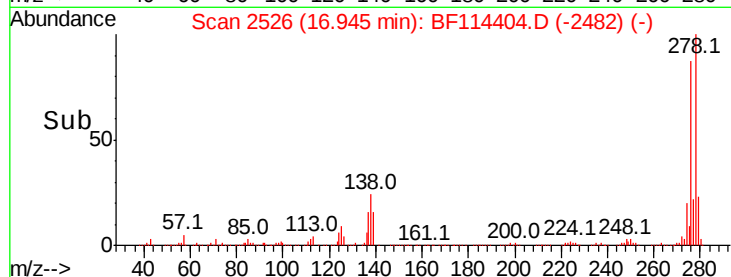
Instrument :
BNA_F
ClientSampled :

Tot Ion:278 Resp: 1421884

Ion	Ratio	Lower	Upper
278	100		
139	16.4	13.5	20.3
279	23.5	19.0	28.6



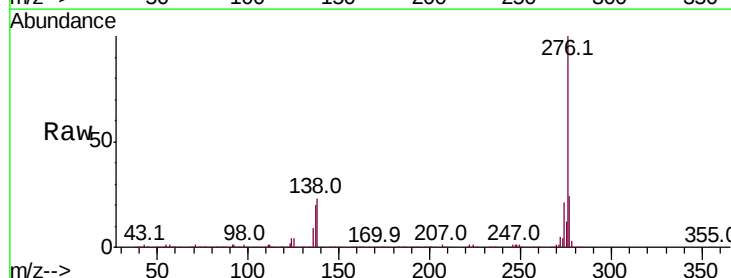
Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 46.970 ng
RT: 17.38 min Scan# 2600
Delta R.T. -0.04 min
Lab File: BF114404.D
Acq: 18 May 2019 21:54

Tgt Ion:276 Resp: 1403501

Ion	Ratio	Lower	Upper
276	100		
277	24.3	19.0	28.4
138	23.4	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

