

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060419\
 Data File : BF114791.D
 Acq On : 4 Jun 2019 12:50
 Operator : HP/JU
 Sample : SSTDICC050
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jun 04 13:26:57 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF060419.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 04 13:06:09 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.67	152	388057	20.00	ng	0.00
21) Naphthalene-d8	7.95	136	1557381	20.00	ng	0.00
39) Acenaphthene-d10	9.70	164	765660	20.00	ng	0.00
64) Phenanthrene-d10	11.17	188	1435701	20.00	ng	0.00
76) Chrysene-d12	13.79	240	823186	20.00	ng	0.00
87) Perylene-d12	15.17	264	1099983	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.26	112	2141267	104.34	ng	0.00
7) Phenol-d6	6.31	99	2589595	104.30	ng	0.00
23) Nitrobenzene-d5	7.23	82	2470232	101.24	ng	0.00
42) 2,4,6-Tribromophenol	10.48	330	807824	104.26	ng	0.00
45) 2-Fluorobiphenyl	9.03	172	4199779	98.85	ng	0.00
79) Terphenyl-d14	12.75	244	3950437	89.06	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.29	88	517348	52.052	ng	100
3) Pyridine	2.96	79	1391867	50.102	ng	99
4) n-Nitrosodimethylamine	2.92	42	524024	50.495	ng	93
6) Aniline	6.33	93	1846824	49.992	ng	95
8) 2-Chlorophenol	6.45	128	1244876	50.265	ng	98
9) Benzaldehyde	6.21	77	908891	61.051	ng	100
10) Phenol	6.32	94	1469760	49.865	ng	98
11) bis(2-Chloroethyl)ether	6.41	93	1164425	50.159	ng	99
12) 1,3-Dichlorobenzene	6.61	146	1443429	50.400	ng	99
13) 1,4-Dichlorobenzene	6.69	146	1461251	50.650	ng	99
14) 1,2-Dichlorobenzene	6.84	146	1335835	51.289	ng	99
15) Benzyl Alcohol	6.82	79	1006642	51.252	ng	100
16) 2,2'-oxybis(1-Chloropropan	6.95	45	1677603	50.019	ng	100
17) 2-Methylphenol	6.93	107	1062583	50.430	ng	99
18) Hexachloroethane	7.18	117	550794	50.691	ng	99
19) n-Nitroso-di-n-propylamine	7.10	70	855751	49.650	ng	98
20) 3+4-Methylphenols	7.09	107	1142694	49.050	ng	95
22) Acetophenone	7.08	105	1642355	49.786	ng	100
24) Nitrobenzene	7.25	77	1288171	50.865	ng	100
25) Isophorone	7.50	82	2382555	48.970	ng	100
26) 2-Nitrophenol	7.57	139	708033	51.664	ng	99
27) 2,4-Dimethylphenol	7.61	122	1055979	50.292	ng	100
28) bis(2-Chloroethoxy)methane	7.71	93	1548454	49.561	ng	99
29) 2,4-Dichlorophenol	7.81	162	1116516	50.460	ng	99
30) 1,2,4-Trichlorobenzene	7.89	180	1271675	50.271	ng	100
31) Naphthalene	7.97	128	3350645	49.489	ng	99
32) Benzoic acid	7.75	122	729877	48.777	ng	99
33) 4-Chloroaniline	8.02	127	1625428	49.426	ng	99
34) Hexachlorobutadiene	8.10	225	724557	50.312	ng	99
35) Caprolactam	8.40	113	351179	49.338	ng	95
36) 4-Chloro-3-methylphenol	8.50	107	1107975	50.699	ng	98
37) 2-Methylnaphthalene	8.66	142	2340677	49.643	ng	100
38) 1-Methylnaphthalene	8.76	142	2255826	50.480	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.83	216	1093849	51.304	ng	100

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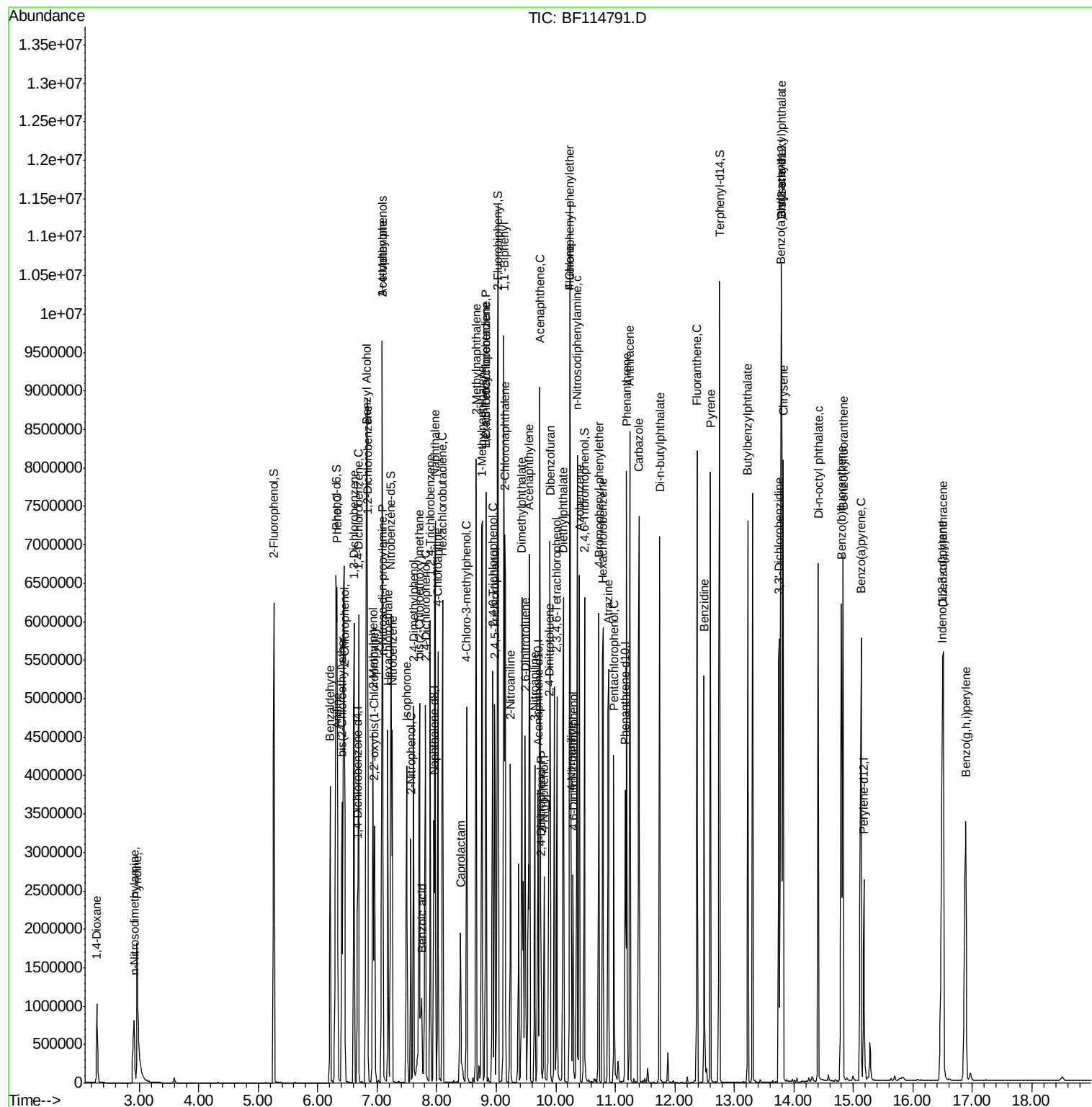
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.82	237	671260	50.514	nq	99
43) 2,4,6-Trichlorophenol	8.94	196	828624	49.782	nq	99
44) 2,4,5-Trichlorophenol	8.97	196	856871	51.878	nq	100
46) 1,1'-Biphenyl	9.13	154	2738936	50.062	nq	99
47) 2-Chloronaphthalene	9.15	162	2355823	50.900	nq	99
48) 2-Nitroaniline	9.24	65	707802	50.746	nq	99
49) Acenaphthylene	9.56	152	3400657	50.338	nq	99
50) Dimethylphthalate	9.43	163	2677324	49.277	nq	99
51) 2,6-Dinitrotoluene	9.49	165	640294	50.798	nq	96
52) Acenaphthene	9.73	154	2214987	50.437	nq	100
53) 3-Nitroaniline	9.65	138	745378	49.637	nq	97
54) 2,4-Dinitrophenol	9.75	184	307068	51.598	nq	99
55) Dibenzofuran	9.90	168	2983384	50.695	nq	100
56) 4-Nitrophenol	9.81	139	562125	51.776	nq	92
57) 2,4-Dinitrotoluene	9.89	165	830540	52.053	nq	96
58) Fluorene	10.25	166	2082322	49.328	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.02	232	693935	51.482	nq	99
60) Diethylphthalate	10.13	149	2745558	50.501	nq	99
61) 4-Chlorophenyl-phenylether	10.24	204	1071804	49.273	nq	99
62) 4-Nitroaniline	10.26	138	730056	50.279	nq	99
63) Azobenzene	10.40	77	2337617	50.116	nq	99
65) 4,6-Dinitro-2-methylphenol	10.29	198	378972	51.029	nq	98
66) n-Nitrosodiphenylamine	10.36	169	2122760	50.321	nq	99
67) 4-Bromophenyl-phenylether	10.72	248	805832	50.815	nq	99
68) Hexachlorobenzene	10.79	284	872719	50.331	nq	100
69) Atrazine	10.89	200	735885	58.749	nq	98
70) Pentachlorophenol	10.98	266	521964	52.749	nq	99
71) Phenanthrene	11.20	178	3314585	49.739	nq	99
72) Anthracene	11.25	178	3385885	50.642	nq	100
73) Carbazole	11.40	167	3024977	49.990	nq	100
74) Di-n-butylphthalate	11.74	149	3764065	48.794	nq	99
75) Fluoranthene	12.37	202	3352509	50.035	nq	99
77) Benzidine	12.50	184	2080044	63.913	nq	99
78) Pyrene	12.60	202	3372129	49.084	nq	100
80) Butylbenzylphthalate	13.23	149	1763657	49.934	nq	99
81) Benzo(a)anthracene	13.78	228	3074664	50.038	nq	99
82) 3,3'-Dichlorobenzidine	13.75	252	1263570	51.846	nq	97
83) Chrysene	13.82	228	2963141	50.002	nq	99
84) Bis(2-ethylhexyl)phthalate	13.79	149	2217423	50.100	nq	99
85) Di-n-octyl phthalate	14.41	149	3798693	50.528	nq	100
86) Indeno(1,2,3-cd)pyrene	16.49	276	3528582	50.659	nq	100
88) Benzo(b)fluoranthene	14.80	252	3321580	49.736	nq	100
89) Benzo(k)fluoranthene	14.83	252	2785461	49.778	nq	98
90) Benzo(a)pyrene	15.13	252	2961566	50.382	nq	99
91) Dibenzo(a,h)anthracene	16.51	278	2825281	50.637	nq	100
92) Benzo(g,h,i)perylene	16.89	276	2898275	51.372	nq	98

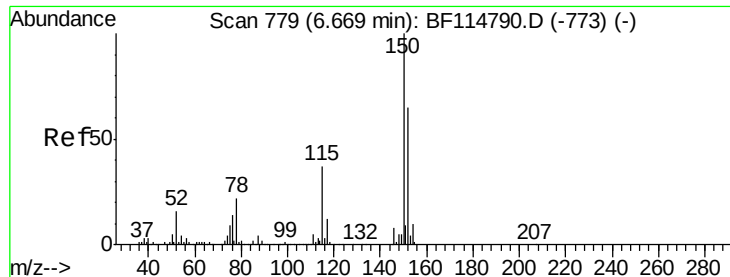
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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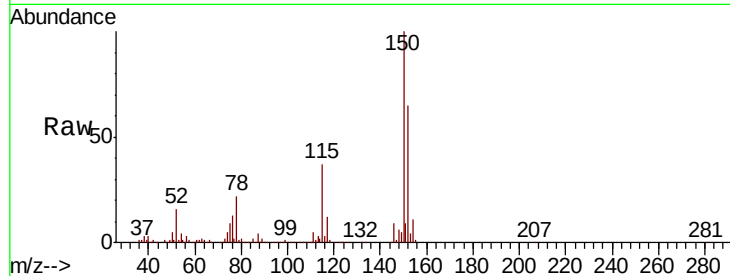


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.67 min Scan# 779
Delta R.T. 0.00 min
Lab File: BF114791.D
Acq: 4 Jun 2019 12:50

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.1	124.0	186.0
115	56.4	46.3	69.5

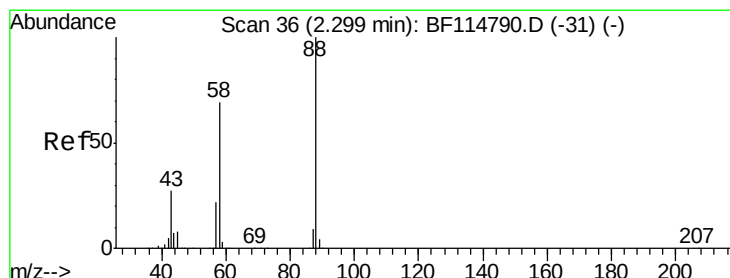
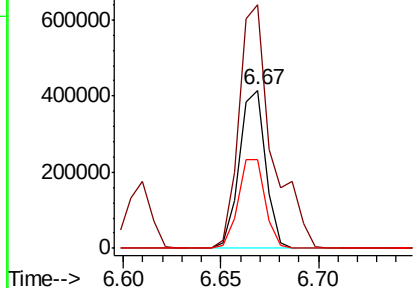
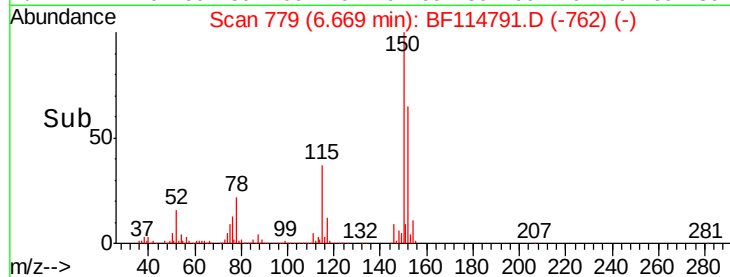


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

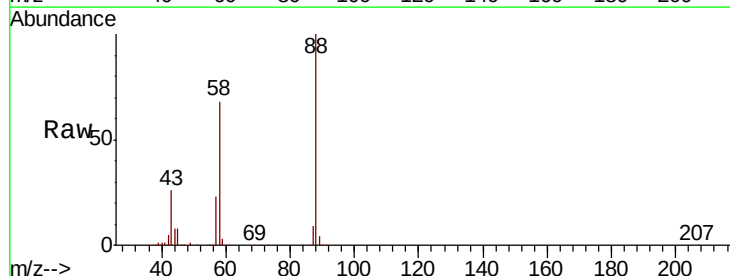
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 52.052 ng
RT: 2.29 min Scan# 35
Delta R.T. -0.01 min
Lab File: BF114791.D
Acq: 4 Jun 2019 12:50

Tgt Ion	Ratio	Lower	Upper
88	100		
58	67.8	53.8	80.8
43	25.8	20.7	31.1

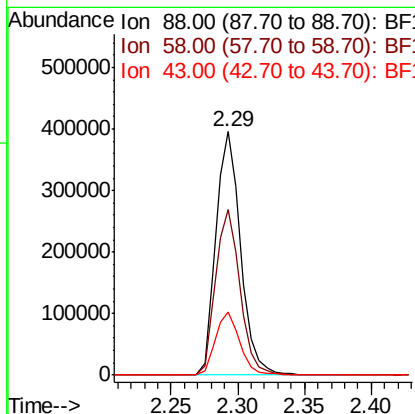
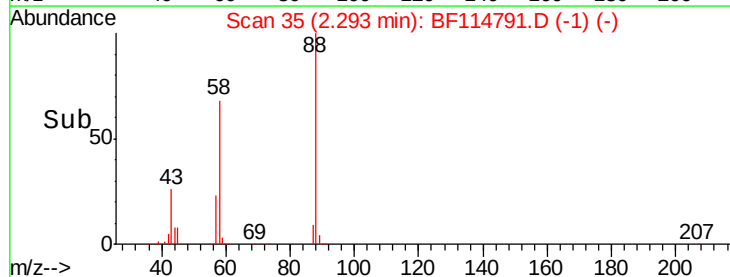


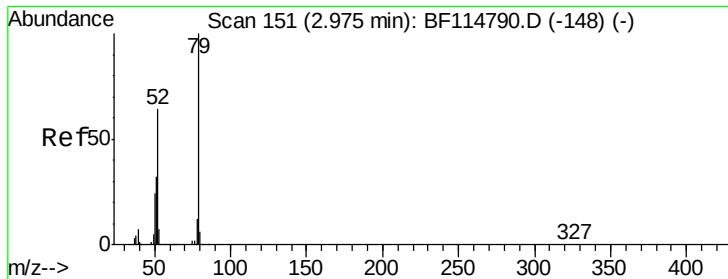
Abundance

Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 50.102 ng

RT: 2.96 min Scan# 149

Delta R.T. -0.01 min

Lab File: BF114791.D

Acq: 4 Jun 2019 12:50

Instrument :

BNA_F

ClientSampleId :

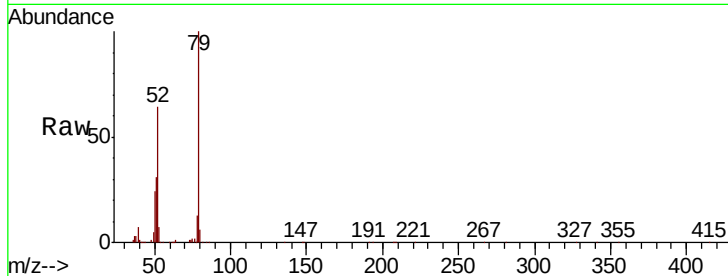
Tot Ion: 79 Resp: 1391867

Ion Ratio Lower Upper

79 100

52 64.0 51.0 76.4

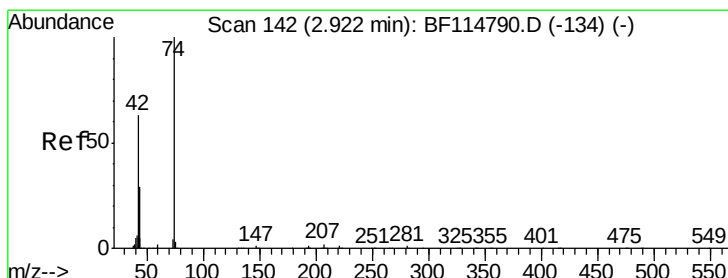
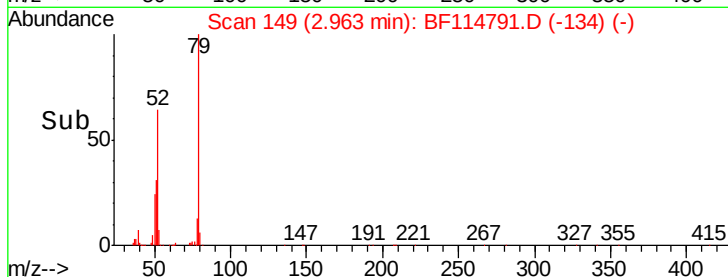
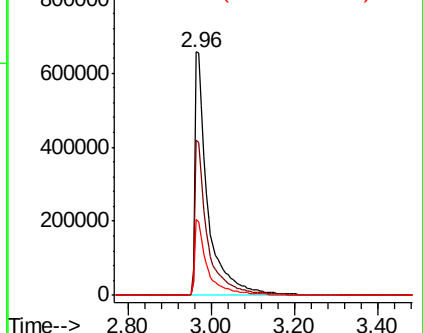
51 31.3 25.7 38.5



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 52.00 (51.70 to 52.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 50.495 ng

RT: 2.92 min Scan# 141

Delta R.T. -0.01 min

Lab File: BF114791.D

Acq: 4 Jun 2019 12:50

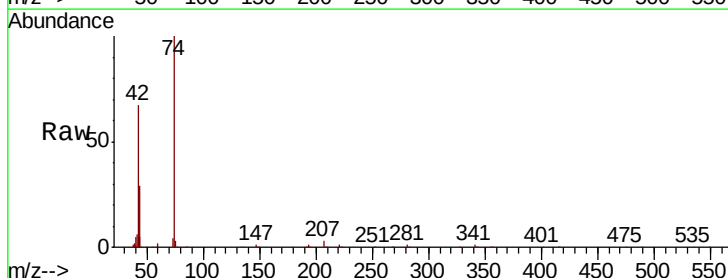
Tgt Ion: 42 Resp: 524024

Ion Ratio Lower Upper

42 100

74 148.7 126.2 189.2

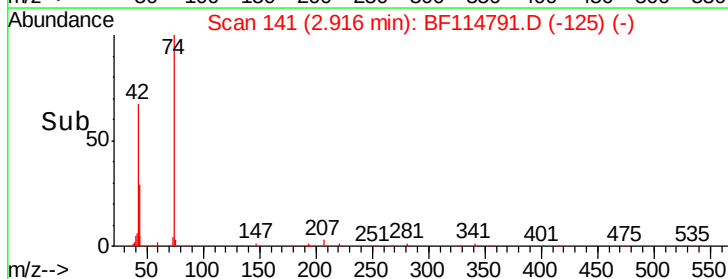
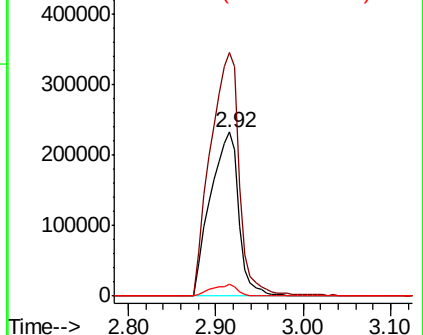
44 6.9 5.9 8.9

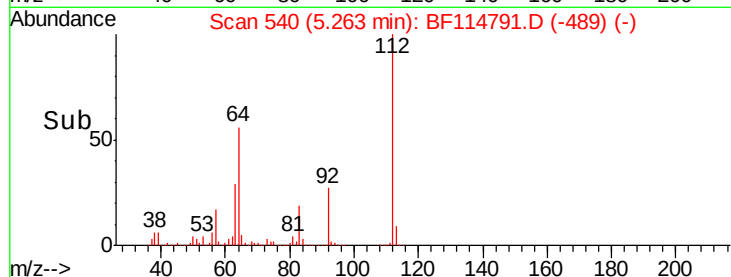
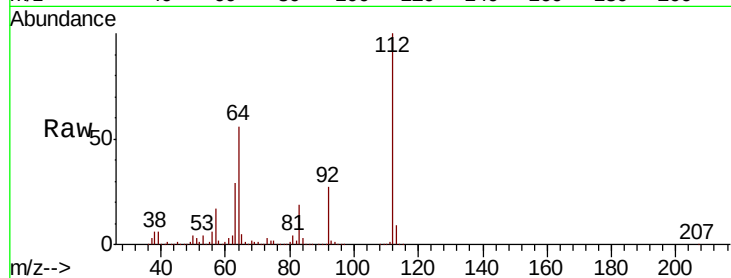
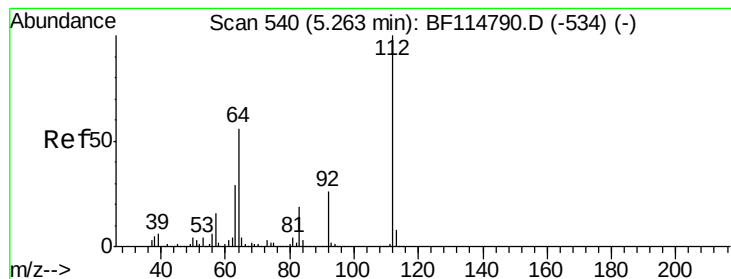


Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 104.341 ng

RT: 5.26 min Scan# 540

Delta R.T. 0.00 min

Lab File: BF114791.D

Acq: 4 Jun 2019 12:50

Instrument :

BNA_F

ClientSampleId :

Tot Ion:112 Resp: 2141267

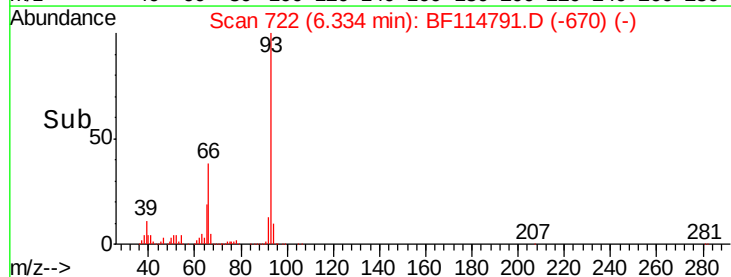
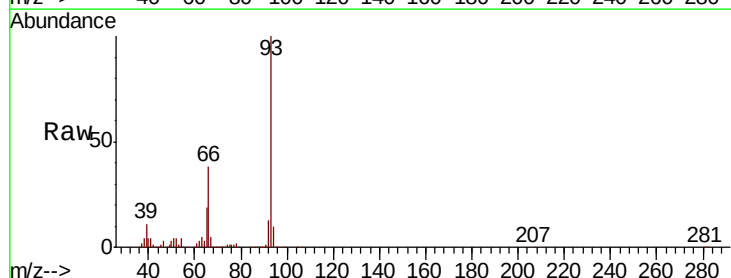
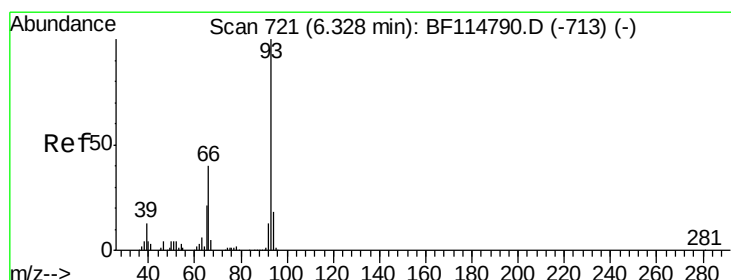
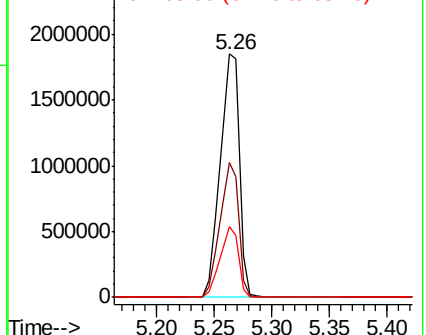
Ion Ratio Lower Upper

112 100

64 55.6 44.6 66.8

63 28.9 23.0 34.4

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: 49.992 ng

RT: 6.33 min Scan# 722

Delta R.T. 0.01 min

Lab File: BF114791.D

Acq: 4 Jun 2019 12:50

Tgt Ion: 93 Resp: 1846824

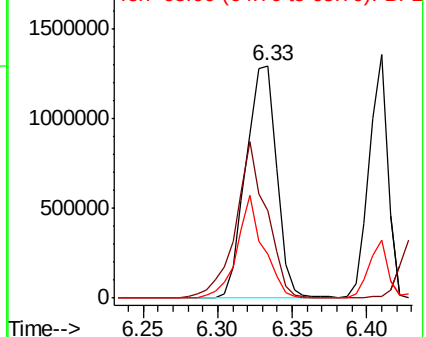
Ion Ratio Lower Upper

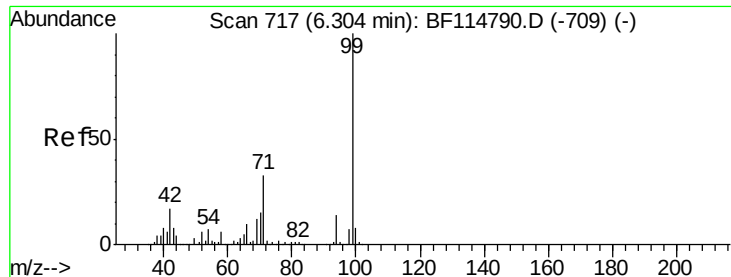
93 100

66 37.8 32.8 49.2

65 19.0 16.9 25.3

Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 66.00 (65.70 to 66.70): BF1
Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 104.301 ng

RT: 6.31 min Scan# 718

Delta R.T. 0.01 min

Lab File: BF114791.D

Acq: 4 Jun 2019 12:50

Instrument :

BNA_F

ClientSampled :

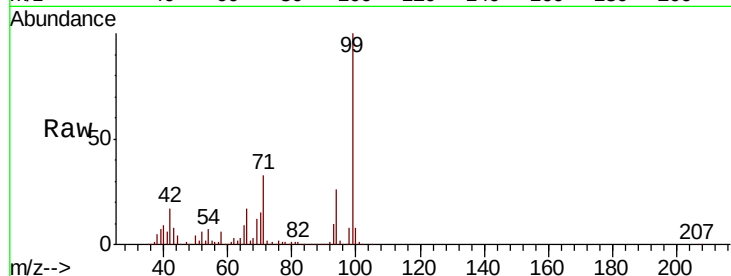
Tot Ion: 99 Resp: 2589595

Ion Ratio Lower Upper

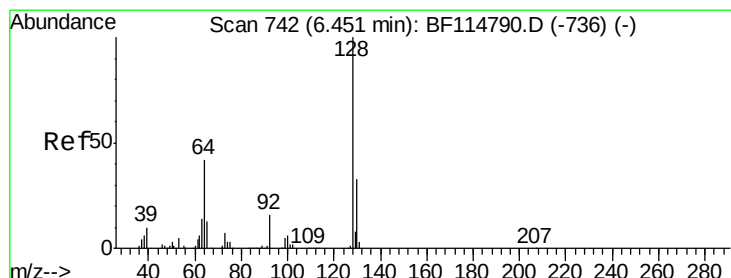
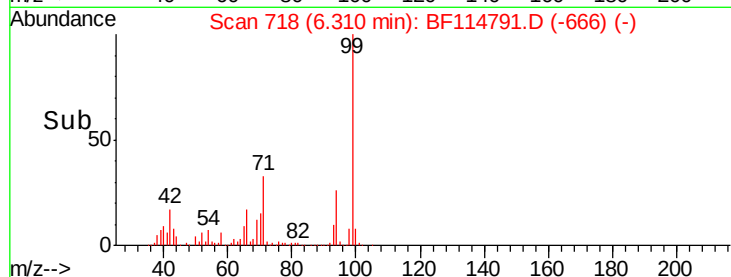
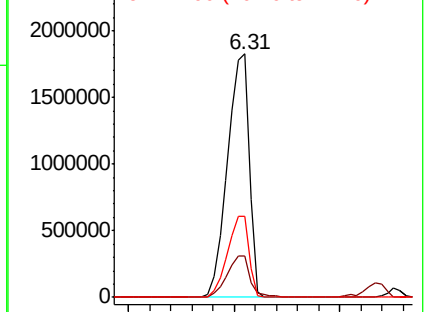
99 100

42 16.9 13.3 19.9

71 33.1 26.3 39.5



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



#8

2-Chlorophenol

Concen: 50.265 ng

RT: 6.45 min Scan# 742

Delta R.T. 0.00 min

Lab File: BF114791.D

Acq: 4 Jun 2019 12:50

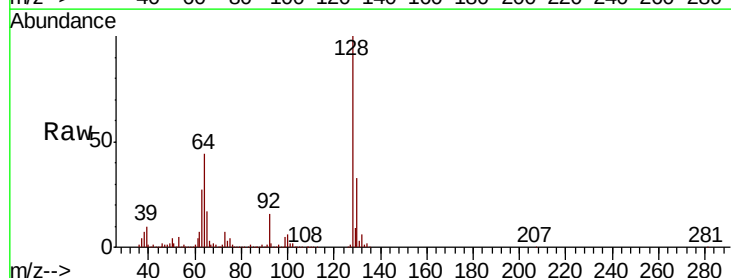
Tgt Ion:128 Resp: 1244876

Ion Ratio Lower Upper

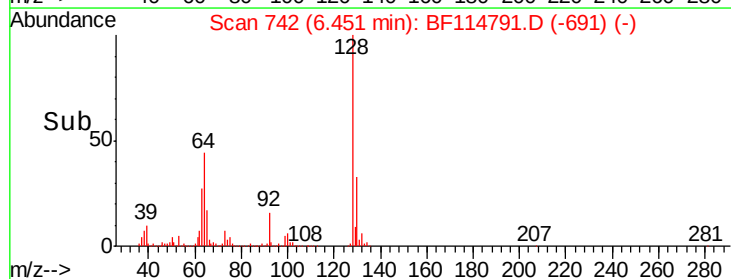
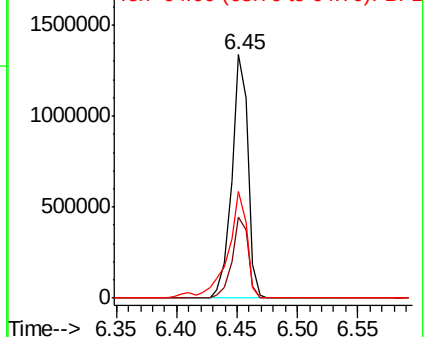
128 100

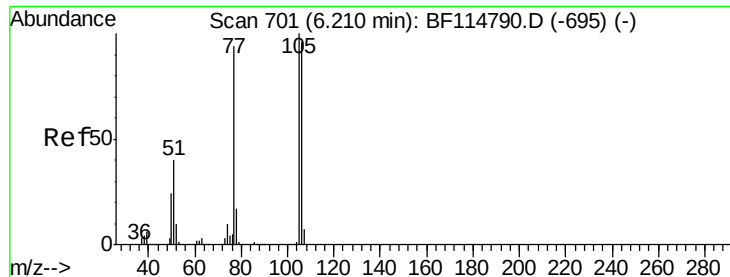
130 33.3 12.7 52.7

64 43.8 22.5 62.5



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





#9

Benzaldehyde

Concen: 61.051 ng

RT: 6.21 min Scan# 701

Delta R.T. 0.00 min

Lab File: BF114791.D

Acq: 4 Jun 2019 12:50

Instrument :

BNA_F

ClientSampled :

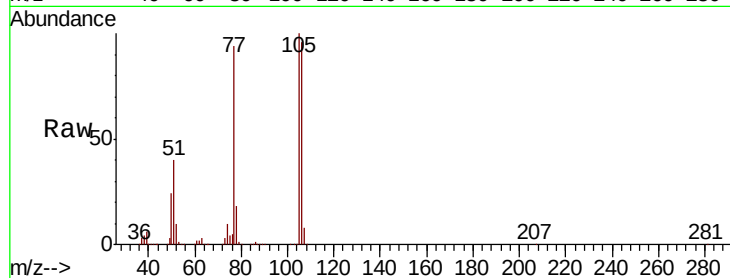
Tot Ion: 77 Resp: 908891

Ion Ratio Lower Upper

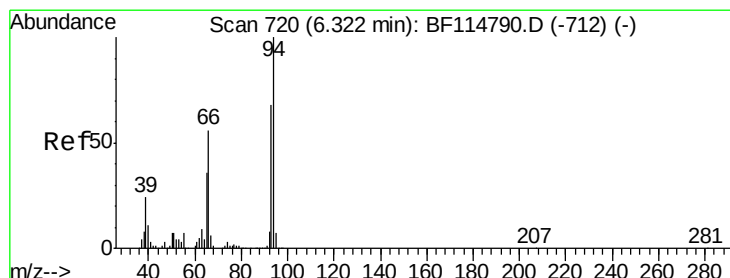
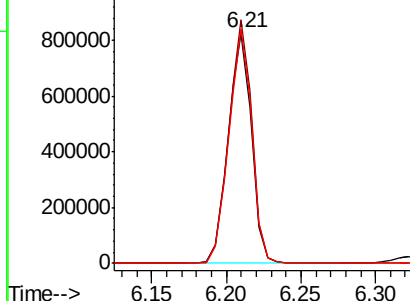
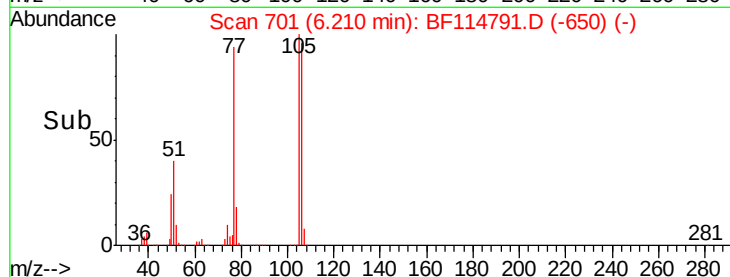
77 100

105 106.0 85.8 125.8

106 102.0 81.6 121.6



Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 105.00 (104.70 to 105.70): BF1
Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 49.865 ng

RT: 6.32 min Scan# 720

Delta R.T. 0.00 min

Lab File: BF114791.D

Acq: 4 Jun 2019 12:50

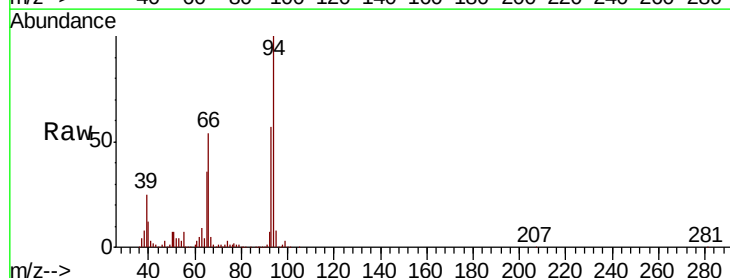
Tgt Ion: 94 Resp: 1469760

Ion Ratio Lower Upper

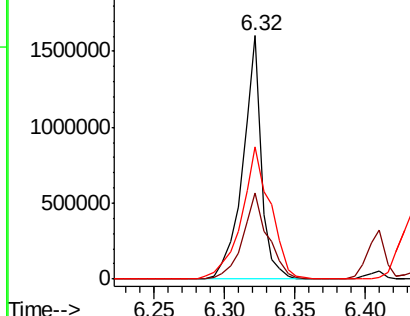
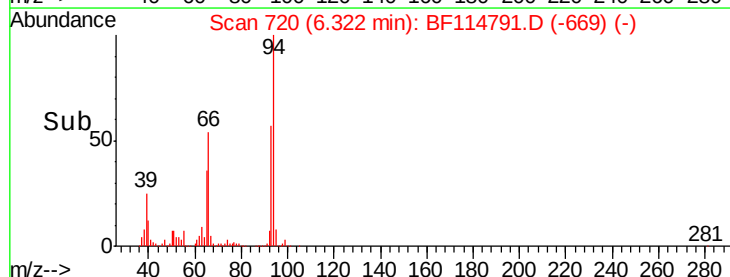
94 100

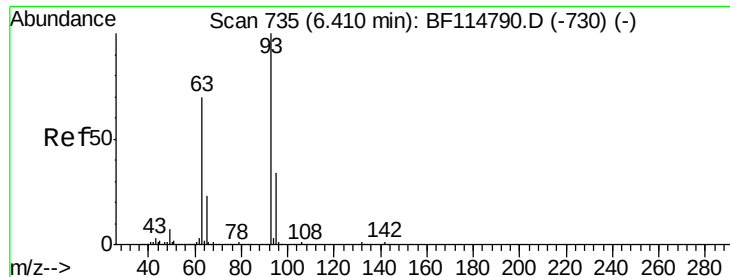
65 35.5 16.1 56.1

66 54.4 36.3 76.3



Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1

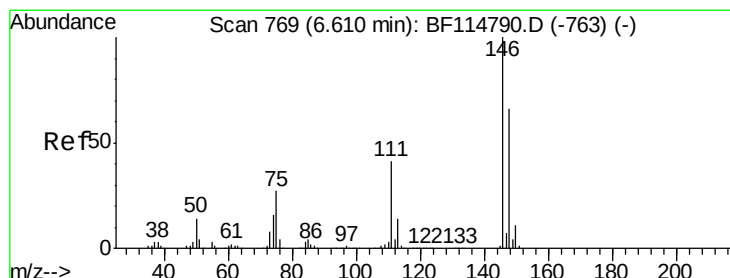
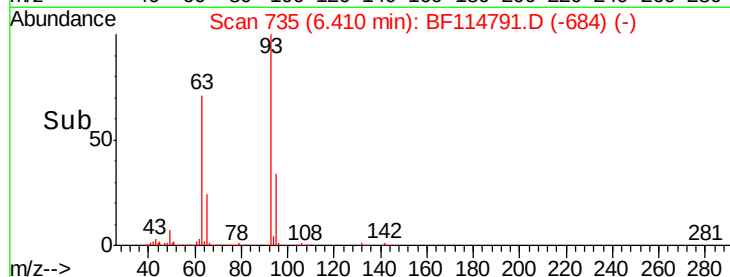
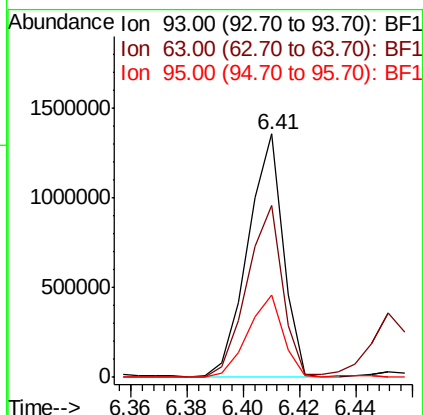
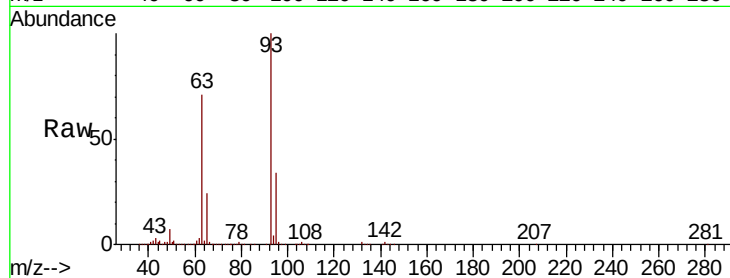




#11
bis(2-Chloroethyl)ether
Concen: 50.159 ng
RT: 6.41 min Scan# 735
Delta R.T. 0.00 min
Lab File: BF114791.D
Acq: 4 Jun 2019 12:50

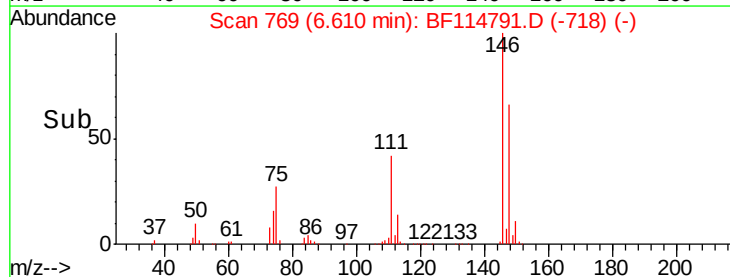
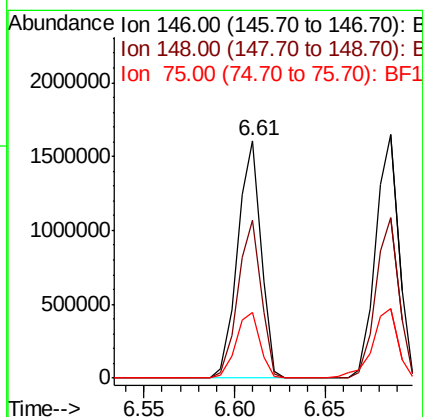
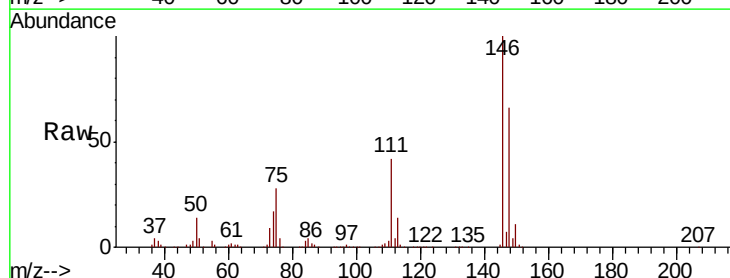
Instrument :
BNA_F
ClientSampleId :

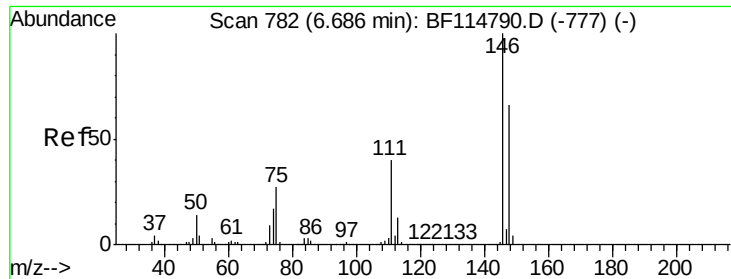
Tot Ion: 93 Resp: 1164425
Ion Ratio Lower Upper
93 100
63 70.7 49.6 89.6
95 33.7 13.6 53.6



#12
1,3-Dichlorobenzene
Concen: 50.400 ng
RT: 6.61 min Scan# 769
Delta R.T. 0.00 min
Lab File: BF114791.D
Acq: 4 Jun 2019 12:50

Tgt Ion: 146 Resp: 1443429
Ion Ratio Lower Upper
146 100
148 66.3 52.7 79.1
75 27.9 22.0 33.0

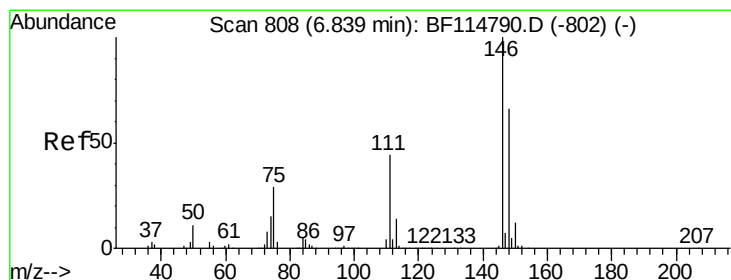
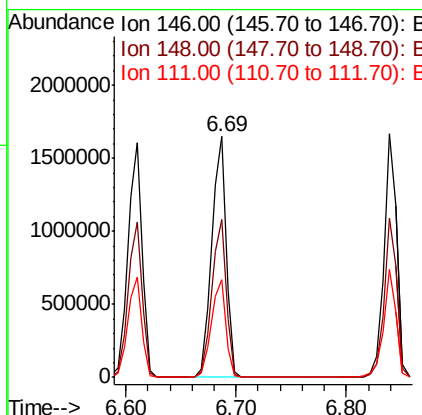
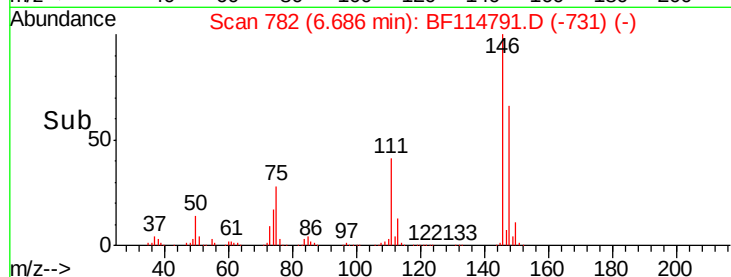
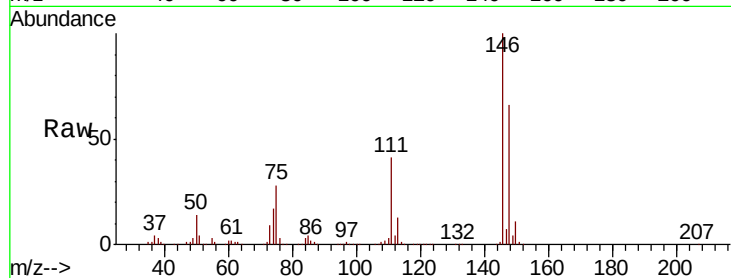




#13
1,4-Dichlorobenzene
Concen: 50.650 ng
RT: 6.69 min Scan# 782
Delta R.T. 0.00 min
Lab File: BF114791.D
Acq: 4 Jun 2019 12:50

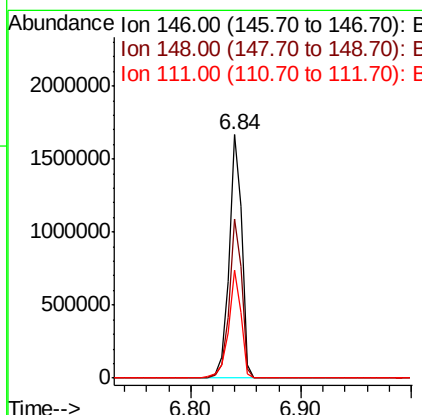
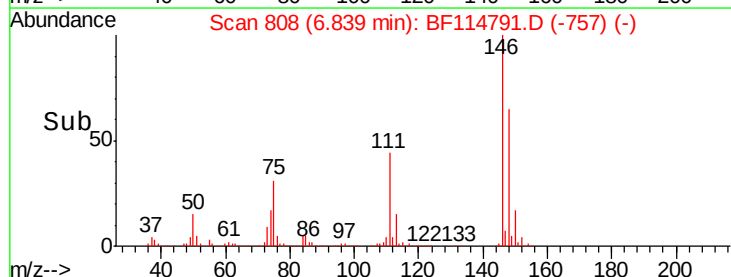
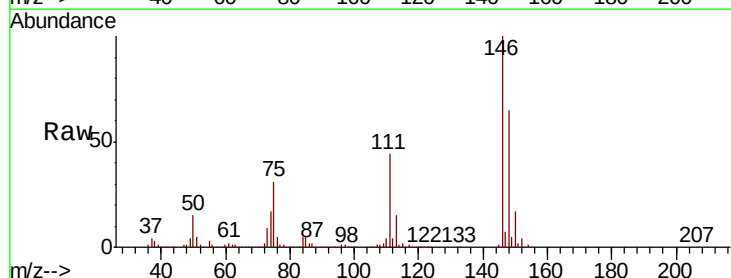
Instrument :
BNA_F
ClientSampleId :

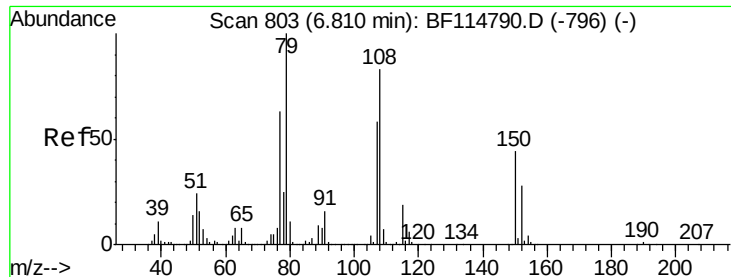
Tot Ion:146 Resp: 1461251
Ion Ratio Lower Upper
146 100
148 65.7 53.0 79.4
111 40.6 32.2 48.4



#14
1,2-Dichlorobenzene
Concen: 51.289 ng
RT: 6.84 min Scan# 808
Delta R.T. 0.00 min
Lab File: BF114791.D
Acq: 4 Jun 2019 12:50

Tgt Ion:146 Resp: 1335835
Ion Ratio Lower Upper
146 100
148 65.3 52.5 78.7
111 44.1 34.8 52.2





#15

Benzyl Alcohol

Concen: 51.252 ng

RT: 6.82 min Scan# 804

Delta R.T. 0.01 min

Lab File: BF114791.D

Acq: 4 Jun 2019 12:50

Instrument :

BNA_F

ClientSampleId :

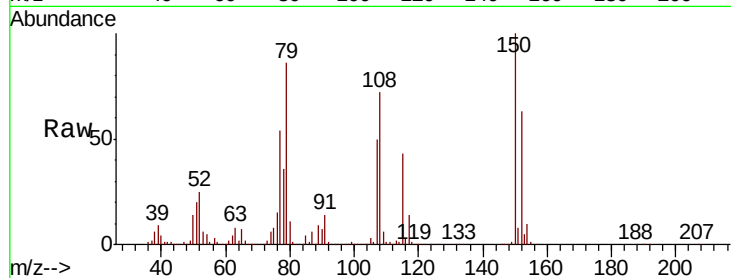
Tot Ion: 79 Resp: 1006642

Ion Ratio Lower Upper

79 100

108 83.0 66.8 100.2

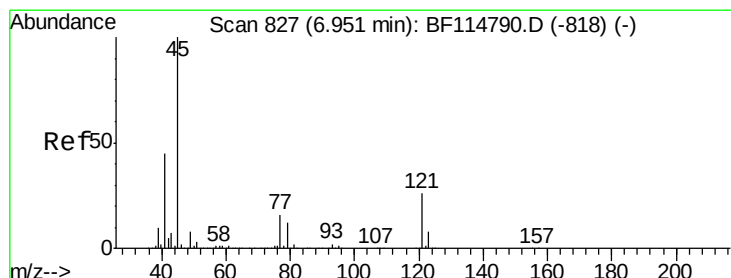
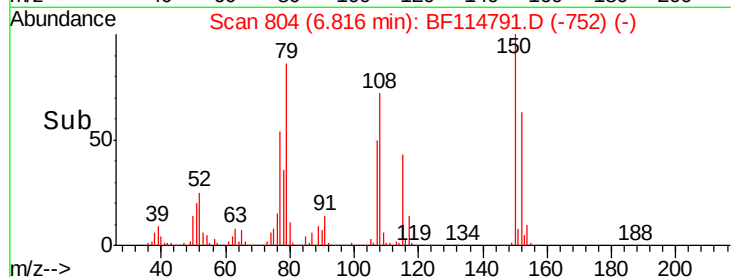
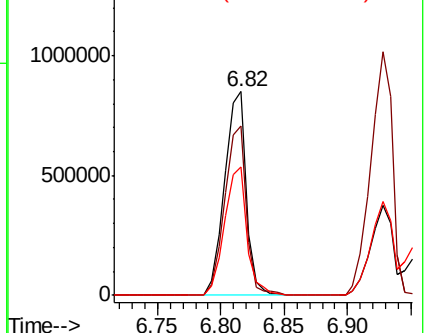
77 62.9 50.6 76.0



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1



#16

2,2'-oxybis(1-Chloropropane)

Concen: 50.019 ng

RT: 6.95 min Scan# 827

Delta R.T. 0.00 min

Lab File: BF114791.D

Acq: 4 Jun 2019 12:50

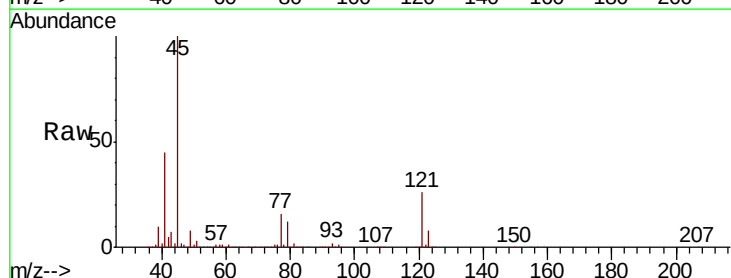
Tgt Ion: 45 Resp: 1677603

Ion Ratio Lower Upper

45 100

77 15.7 0.0 35.8

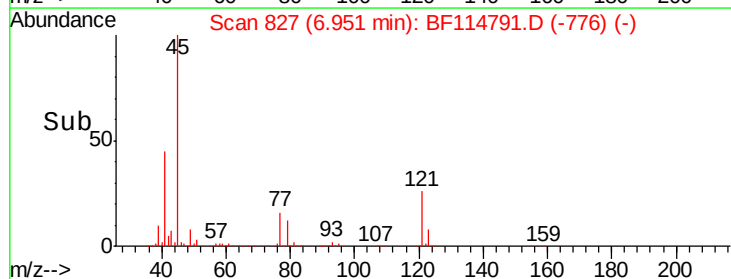
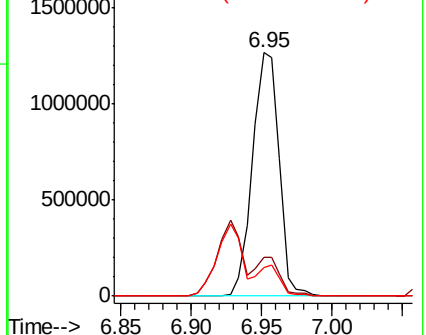
79 12.0 0.0 32.0

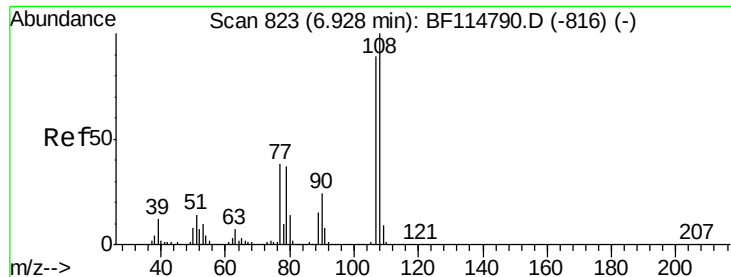


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

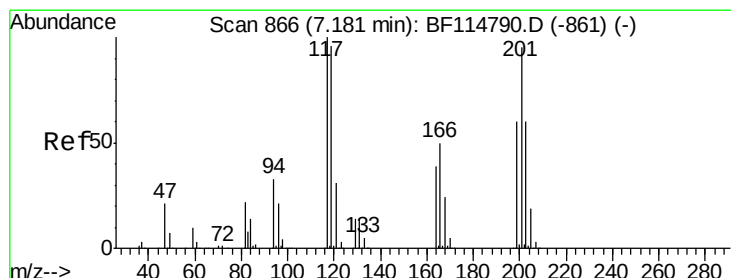
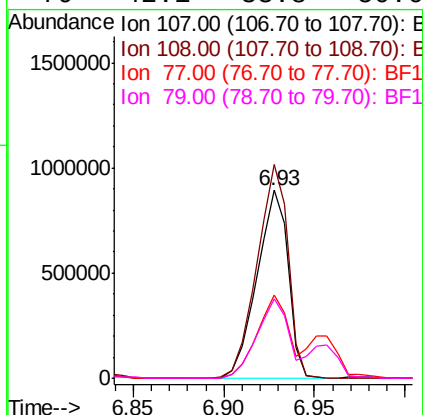
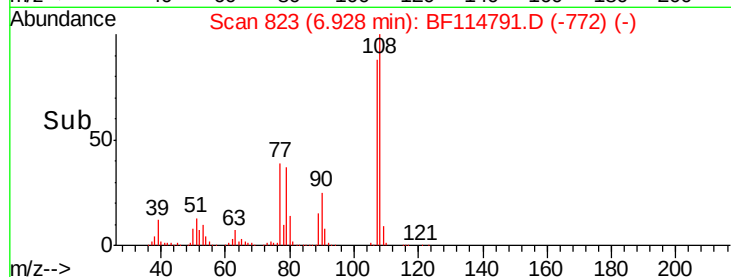
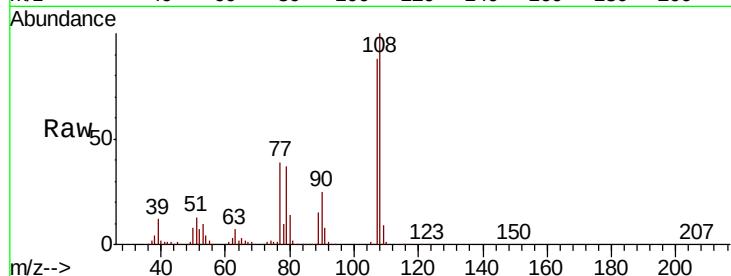




#17
2-Methylphenol
Concen: 50.430 ng
RT: 6.93 min Scan# 823
Delta R.T. 0.00 min
Lab File: BF114791.D
Acq: 4 Jun 2019 12:50

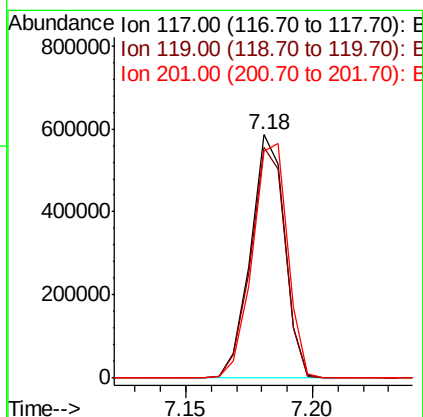
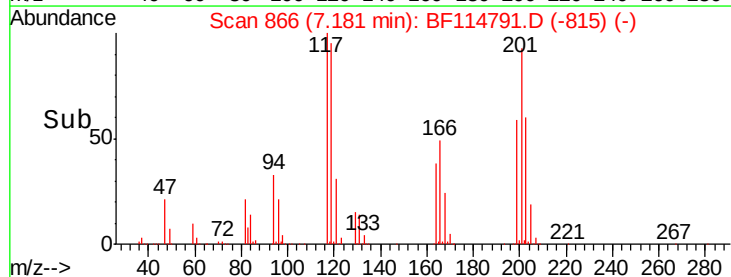
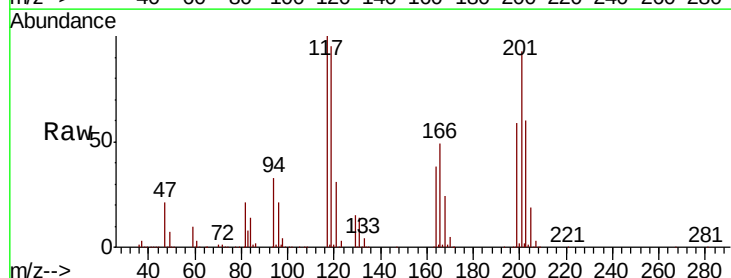
Instrument :
BNA_F
ClientSampleId :

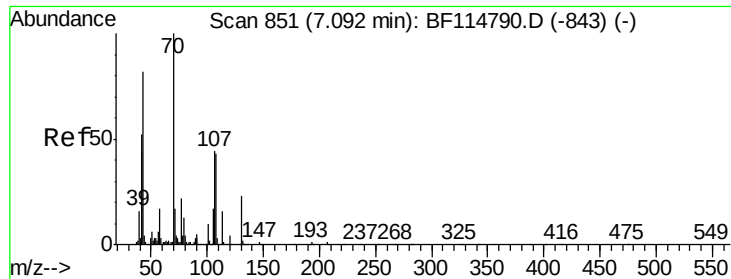
Tot Ion:107 Resp: 1062583
Ion Ratio Lower Upper
107 100
108 113.8 90.2 135.2
77 44.1 34.5 51.7
79 42.1 33.8 50.6



#18
Hexachloroethane
Concen: 50.691 ng
RT: 7.18 min Scan# 866
Delta R.T. 0.00 min
Lab File: BF114791.D
Acq: 4 Jun 2019 12:50

Tgt Ion:117 Resp: 550794
Ion Ratio Lower Upper
117 100
119 95.0 77.0 115.4
201 93.3 76.0 114.0

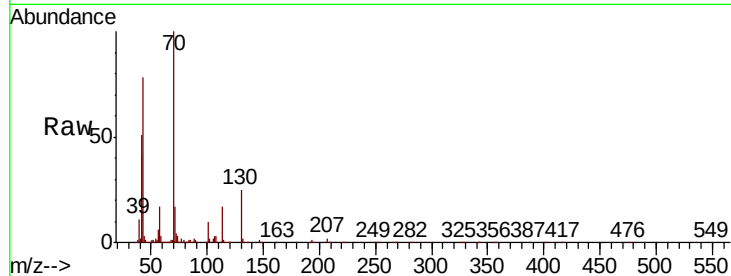




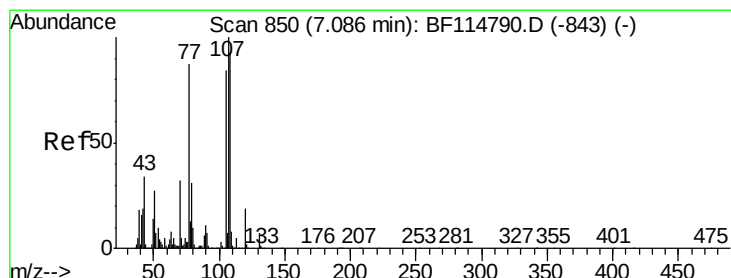
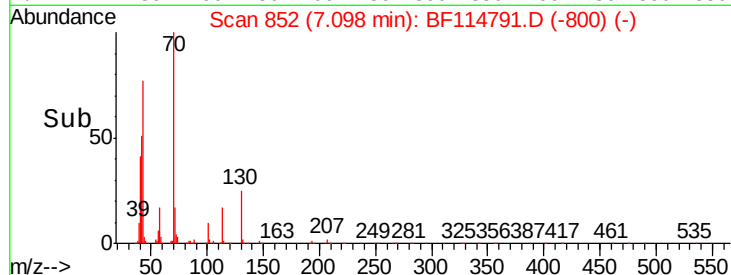
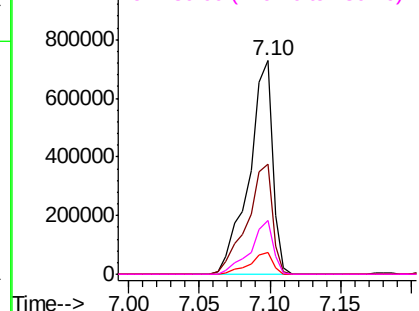
#19
n-Nitroso-di-n-propylamine
Concen: 49.650 ng
RT: 7.10 min Scan# 852
Delta R.T. 0.01 min
Lab File: BF114791.D
Acq: 4 Jun 2019 12:50

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 70 Resp: 855751
Ion Ratio Lower Upper
70 100
42 51.5 41.8 62.8
101 10.4 8.2 12.4
130 25.3 18.5 27.7

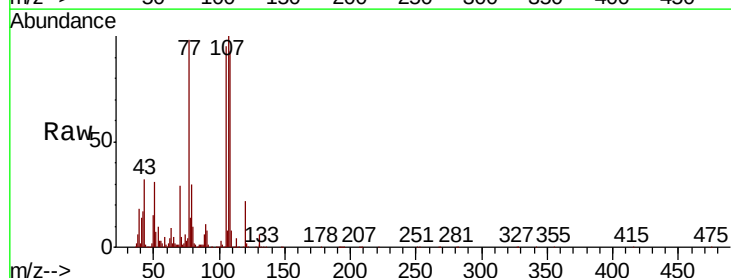


Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

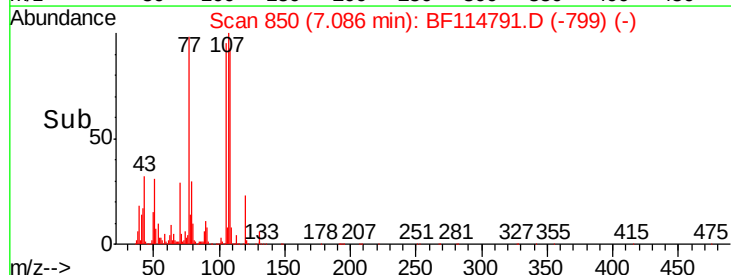
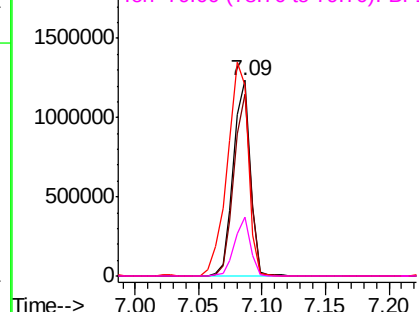


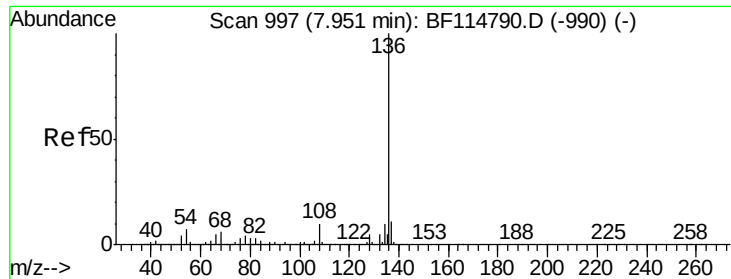
#20
3+4-Methylphenols
Concen: 49.050 ng
RT: 7.09 min Scan# 850
Delta R.T. -0.00 min
Lab File: BF114791.D
Acq: 4 Jun 2019 12:50

Tgt Ion: 107 Resp: 1142694
Ion Ratio Lower Upper
107 100
108 93.2 73.5 113.5
77 97.7 67.2 107.2
79 30.2 10.6 50.6



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

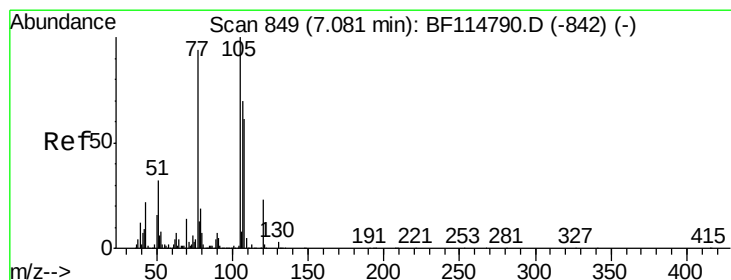
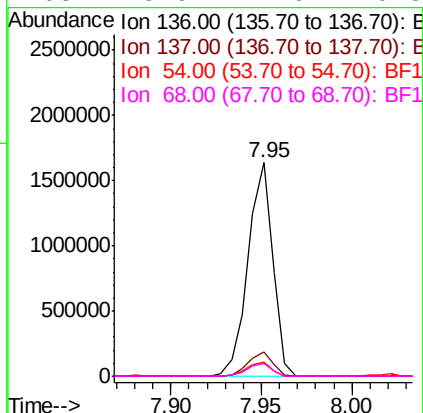
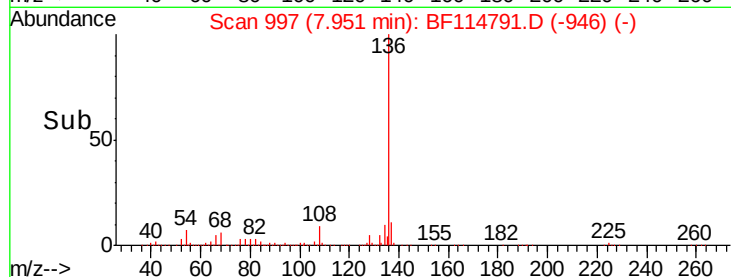
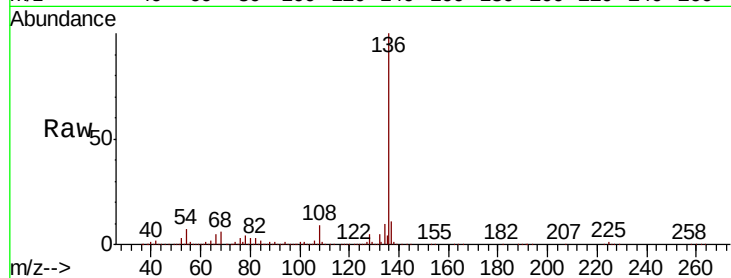




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.95 min Scan# 997
Delta R.T. -0.00 min
Lab File: BF114791.D
Acq: 4 Jun 2019 12:50

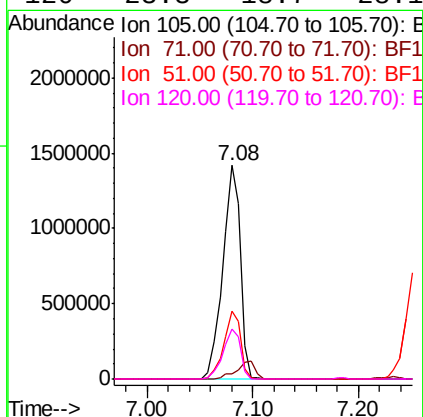
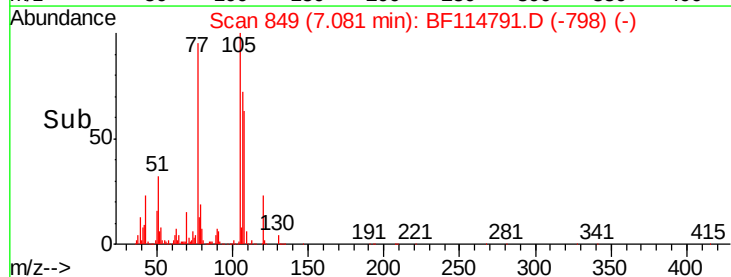
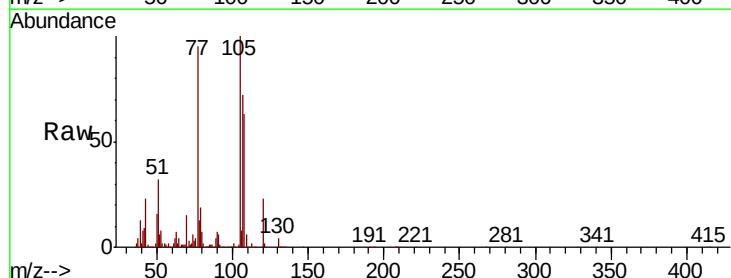
Instrument :
BNA_F
ClientSampled :

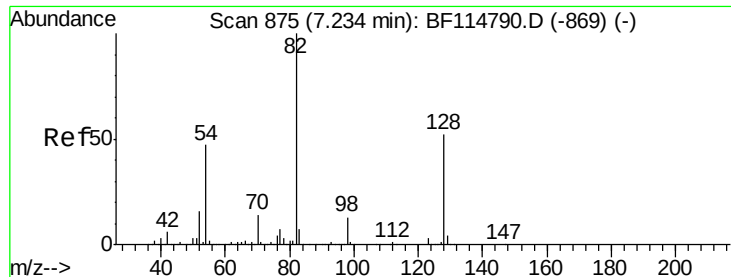
Tot Ion:136	Resp: 1557381
Ion Ratio	Lower Upper
136 100	
137 11.4	9.1 13.7
54 6.6	5.4 8.0
68 5.9	4.6 6.8



#22
Acetophenone
Concen: 49.786 ng
RT: 7.08 min Scan# 849
Delta R.T. -0.00 min
Lab File: BF114791.D
Acq: 4 Jun 2019 12:50

Tgt	Ion:105	Resp:	1642355
Ion	Ratio	Lower	Upper
105	100		
71	2.6	2.0	3.0
51	31.9	25.4	38.0
120	23.3	18.7	28.1



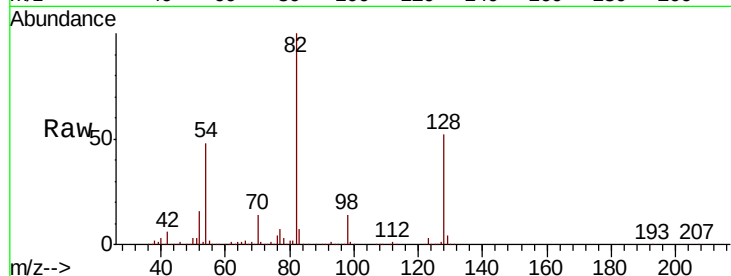


#23
 Nitrobenzene-d5
 Concen: 101.240 ng
 RT: 7.23 min Scan# 875
 Delta R.T. -0.00 min
 Lab File: BF114791.D
 Acq: 4 Jun 2019 12:50

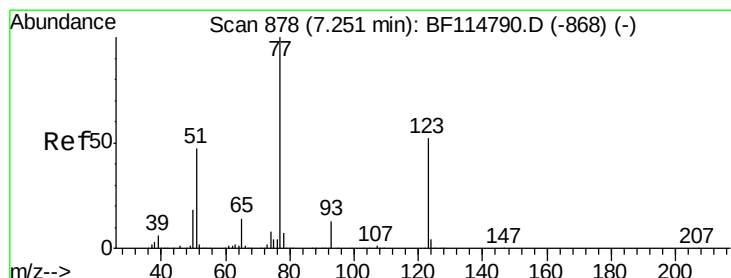
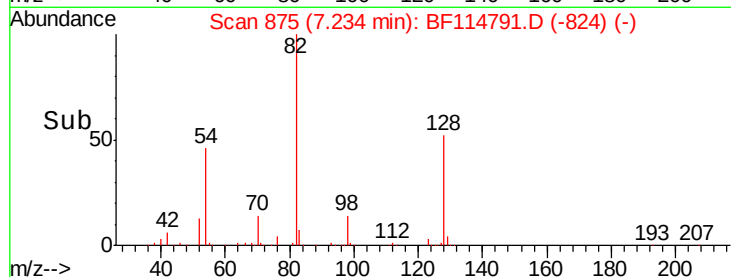
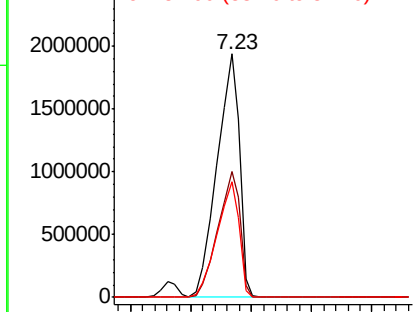
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 82 Resp: 2470232

Ion	Ratio	Lower	Upper
82	100		
128	51.9	41.8	62.6
54	47.6	37.9	56.9



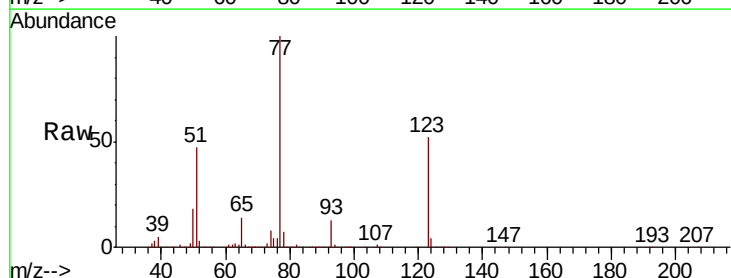
Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1



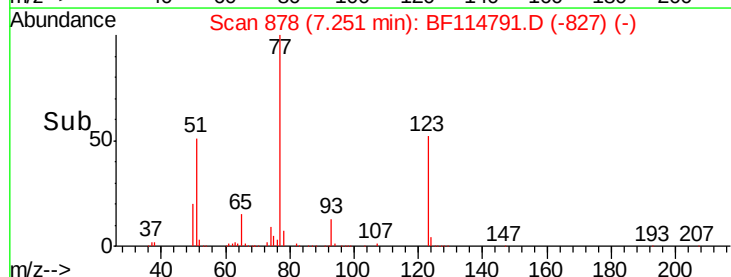
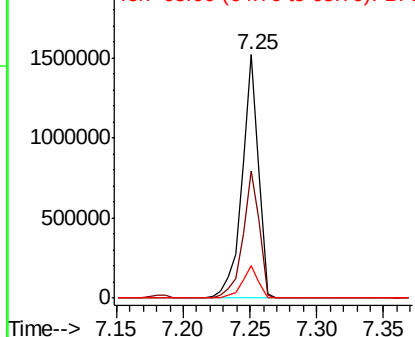
#24
 Nitrobenzene
 Concen: 50.865 ng
 RT: 7.25 min Scan# 878
 Delta R.T. 0.00 min
 Lab File: BF114791.D
 Acq: 4 Jun 2019 12:50

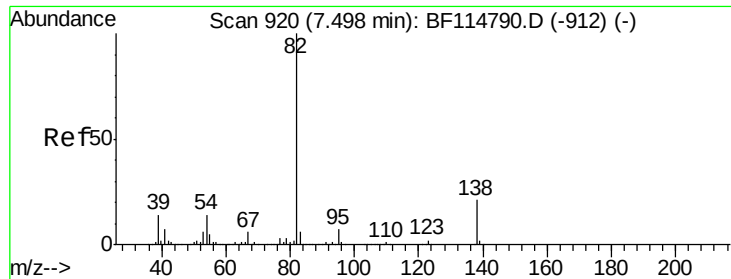
Tgt Ion: 77 Resp: 1288171

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



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: 48.970 ng

RT: 7.50 min Scan# 920

Delta R.T. 0.00 min

Lab File: BF114791.D

Acq: 4 Jun 2019 12:50

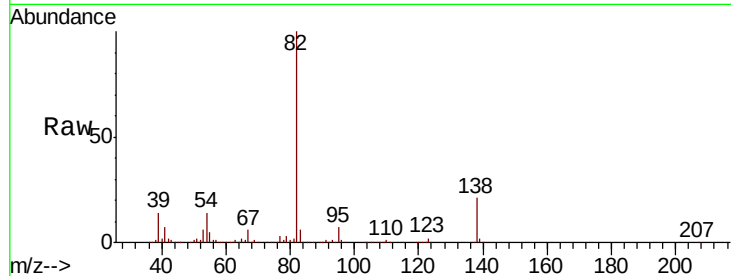
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 82 Resp: 2382555

Ion	Ratio	Lower	Upper
82	100		
95	7.3	5.8	8.8
138	21.2	16.9	25.3

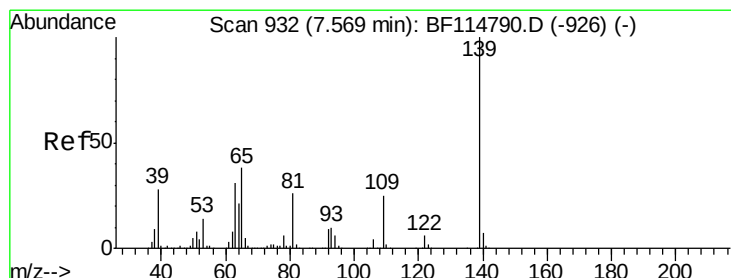
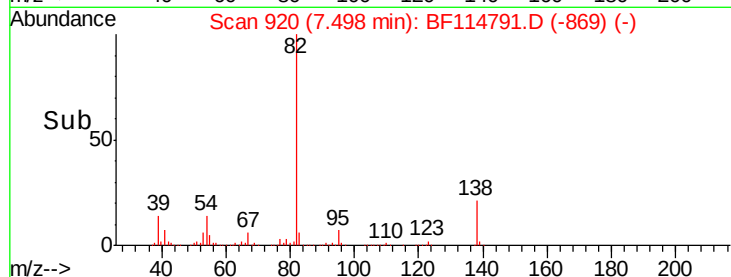
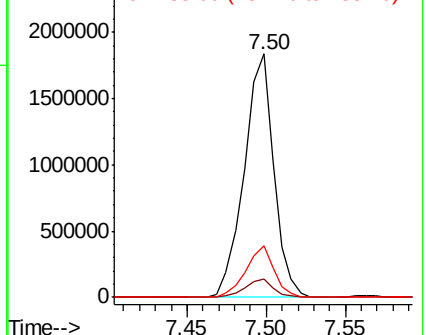


Abundance

Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 51.664 ng

RT: 7.57 min Scan# 932

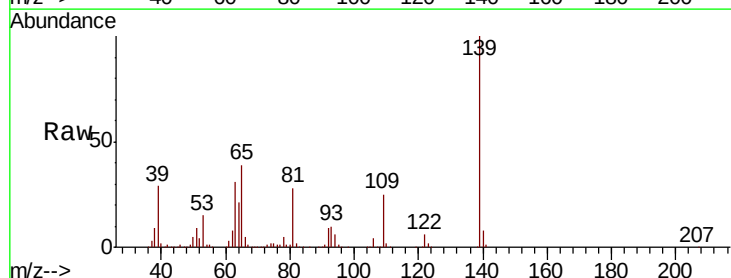
Delta R.T. 0.00 min

Lab File: BF114791.D

Acq: 4 Jun 2019 12:50

Tgt Ion: 139 Resp: 708033

Ion	Ratio	Lower	Upper
139	100		
109	25.4	20.4	30.6
65	38.7	30.5	45.7

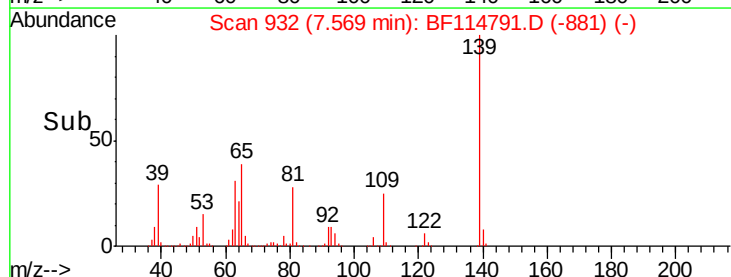
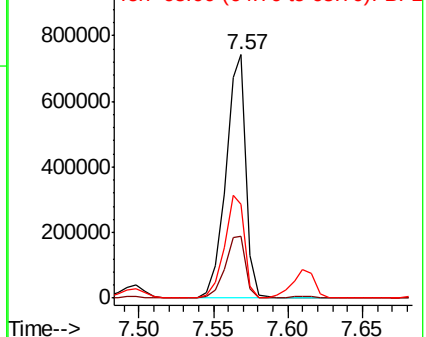


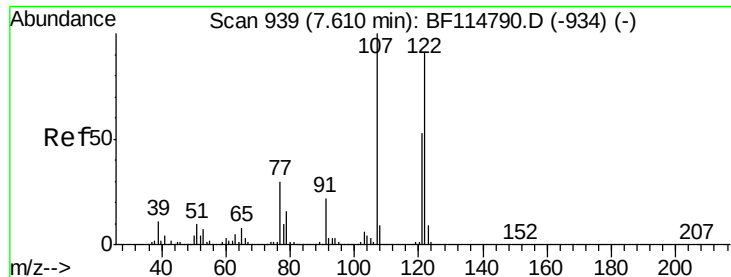
Abundance

Ion 139.00 (138.70 to 139.70): BF1

Ion 109.00 (108.70 to 109.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

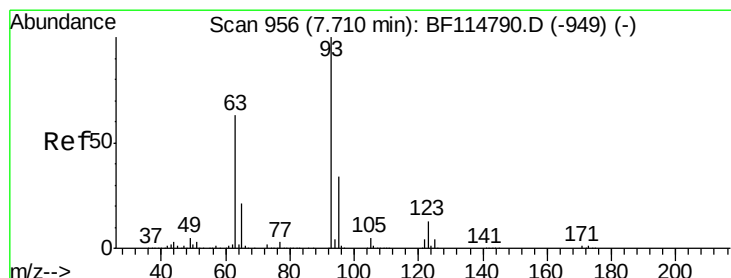
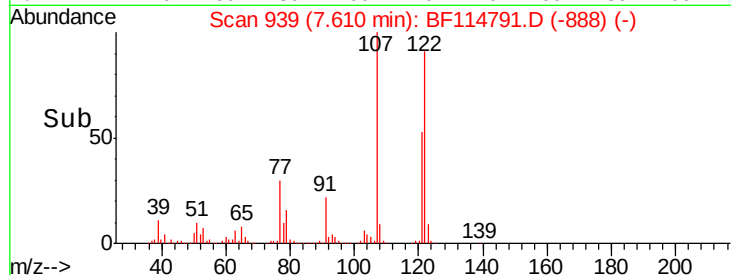
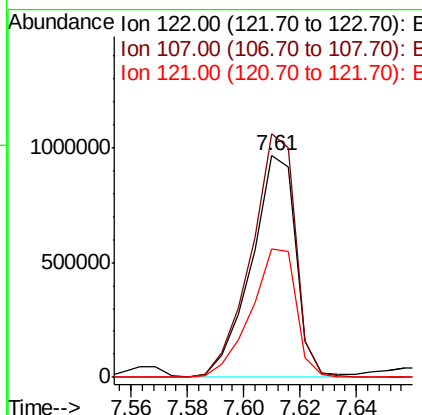
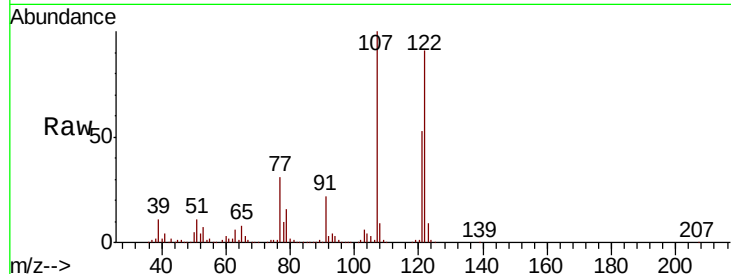




#27
 2,4-Dimethylphenol
 Concen: 50.292 ng
 RT: 7.61 min Scan# 939
 Delta R.T. 0.00 min
 Lab File: BF114791.D
 Acq: 4 Jun 2019 12:50

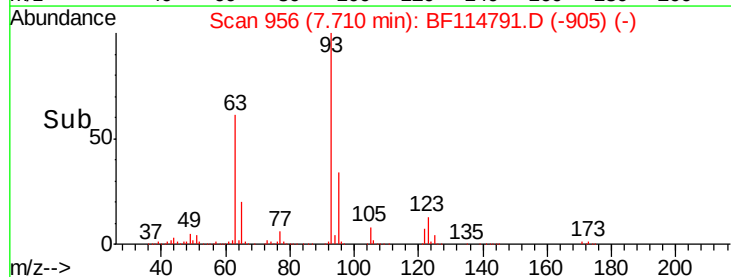
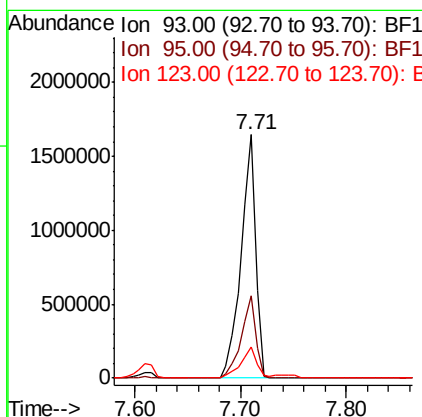
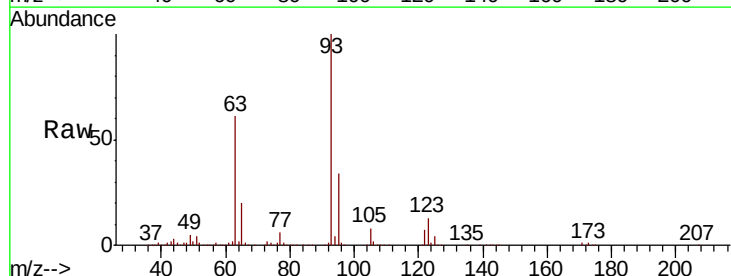
Instrument :
 BNA_F
 ClientSampleId :

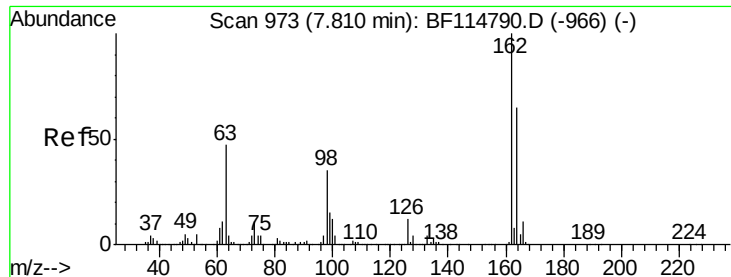
Tot Ion:122 Resp: 1055979
 Ion Ratio Lower Upper
 122 100
 107 110.0 87.9 131.9
 121 58.1 46.4 69.6



#28
 bis(2-Chloroethoxy)methane
 Concen: 49.561 ng
 RT: 7.71 min Scan# 956
 Delta R.T. 0.00 min
 Lab File: BF114791.D
 Acq: 4 Jun 2019 12:50

Tgt Ion: 93 Resp: 1548454
 Ion Ratio Lower Upper
 93 100
 95 34.0 26.9 40.3
 123 12.8 10.4 15.6

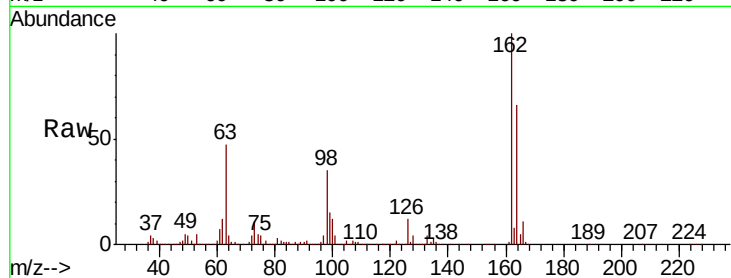




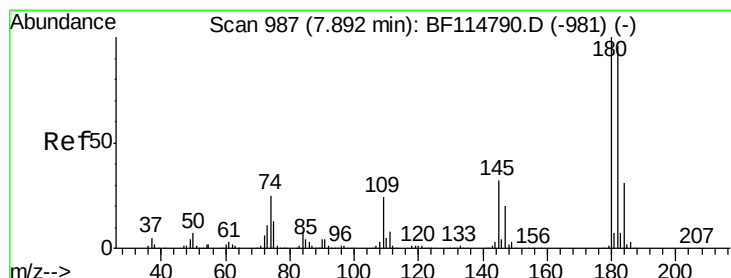
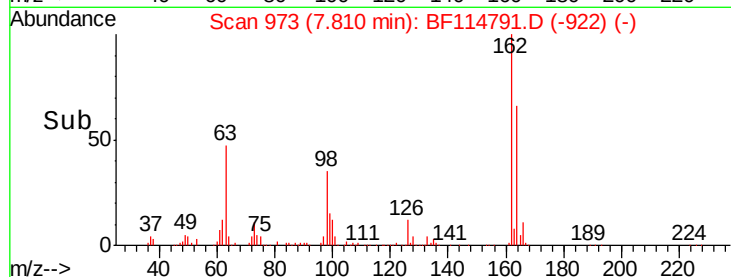
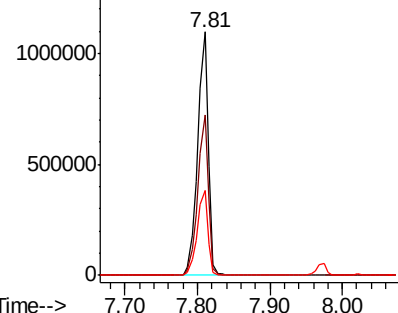
#29
2,4-Dichlorophenol
Concen: 50.460 ng
RT: 7.81 min Scan# 973
Delta R.T. -0.00 min
Lab File: BF114791.D
Acq: 4 Jun 2019 12:50

Instrument :
BNA_F
ClientSampleId :

Tot Ion:162 Resp: 1116516
Ion Ratio Lower Upper
162 100
164 65.9 45.1 85.1
98 34.9 14.6 54.6

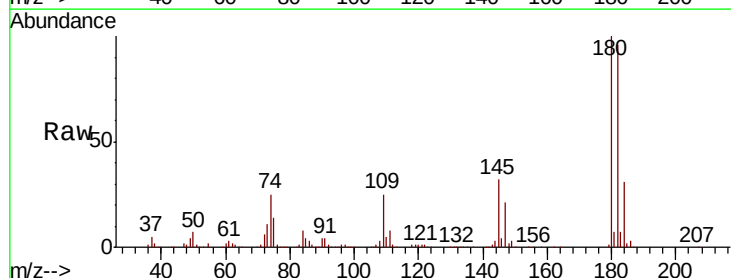


Abundance Ion 162.00 (161.70 to 162.70): E
1500000 Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

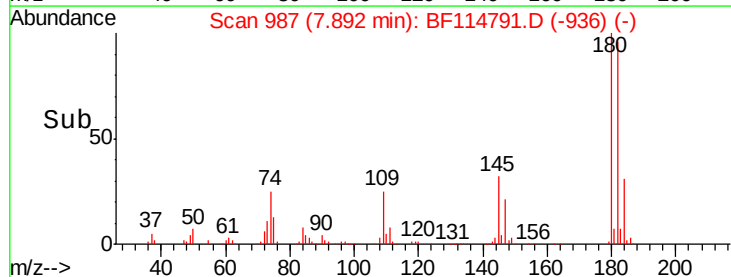
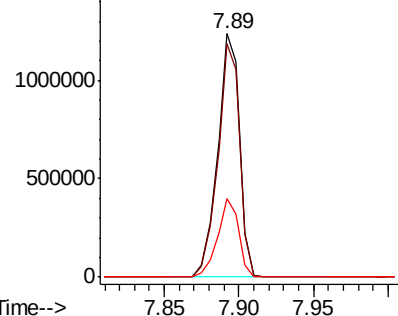


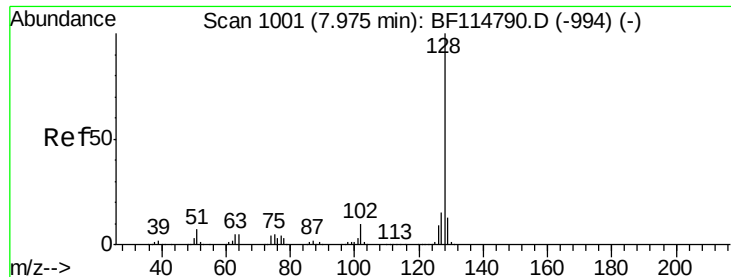
#30
1,2,4-Trichlorobenzene
Concen: 50.271 ng
RT: 7.89 min Scan# 987
Delta R.T. 0.00 min
Lab File: BF114791.D
Acq: 4 Jun 2019 12:50

Tgt Ion:180 Resp: 1271675
Ion Ratio Lower Upper
180 100
182 96.1 76.5 114.7
145 32.1 25.8 38.8



Abundance Ion 180.00 (179.70 to 180.70): E
1500000 Ion 182.00 (181.70 to 182.70): E
Ion 145.00 (144.70 to 145.70): E

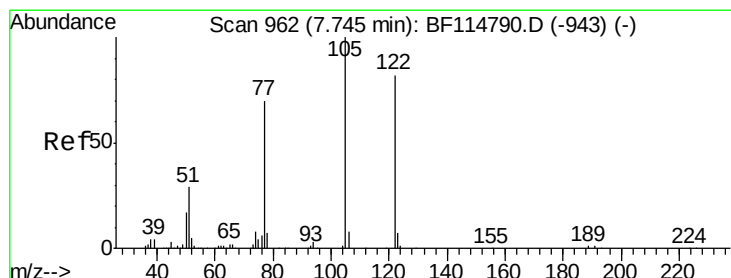
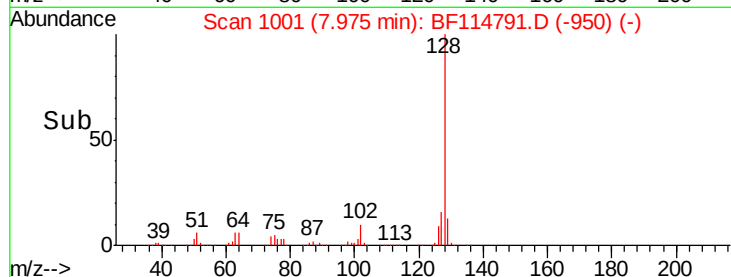
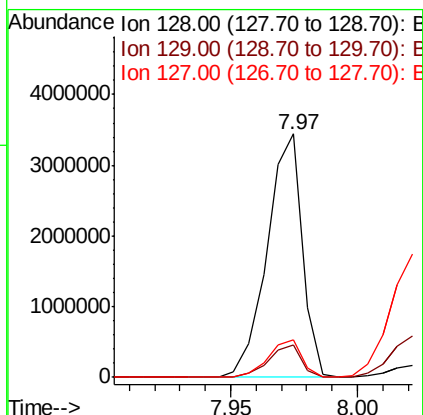
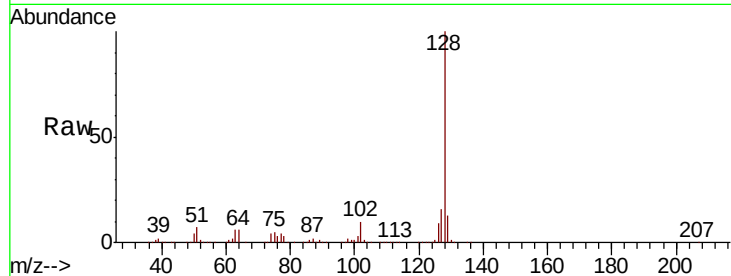




#31
Naphthalene
Concen: 49.489 ng
RT: 7.97 min Scan# 1001
Delta R.T. 0.00 min
Lab File: BF114791.D
Acq: 4 Jun 2019 12:50

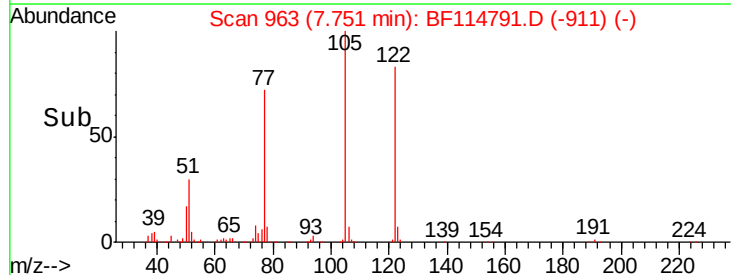
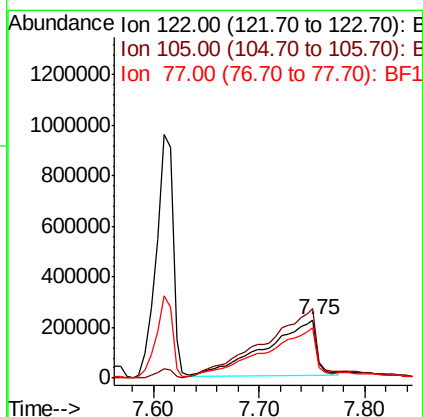
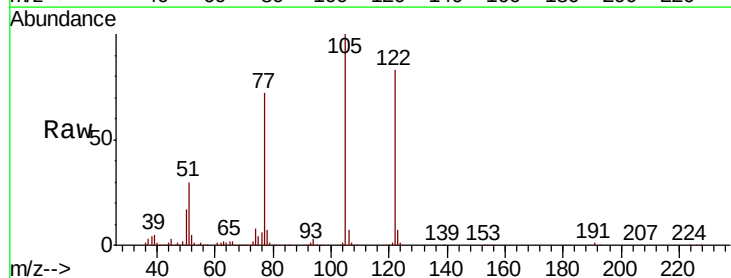
Instrument :
BNA_F
ClientSampled :

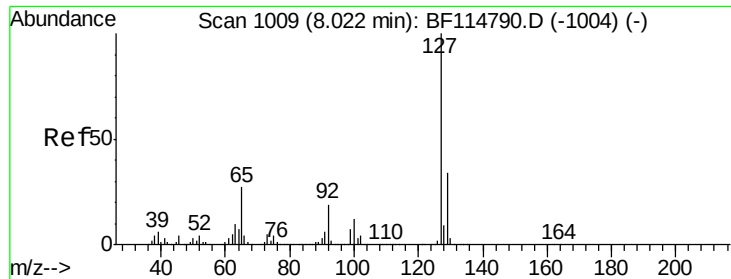
Tot Ion:128 Resp: 3350645
Ion Ratio Lower Upper
128 100
129 13.3 10.0 15.0
127 15.6 12.2 18.2



#32
Benzoic acid
Concen: 48.777 ng
RT: 7.75 min Scan# 963
Delta R.T. 0.01 min
Lab File: BF114791.D
Acq: 4 Jun 2019 12:50

Tgt Ion:122 Resp: 729877
Ion Ratio Lower Upper
122 100
105 120.1 98.7 138.7
77 86.1 64.8 104.8

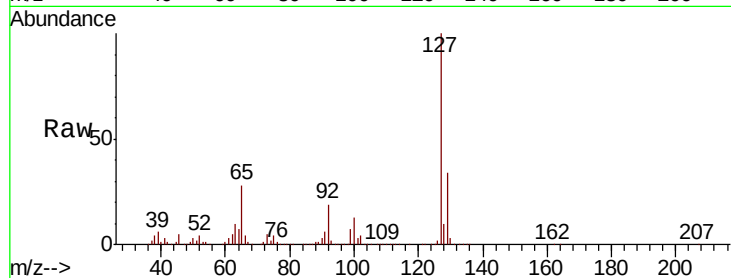




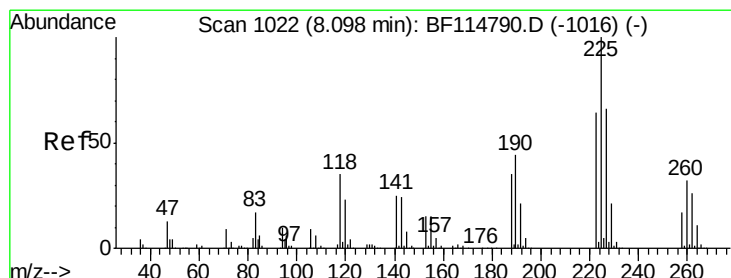
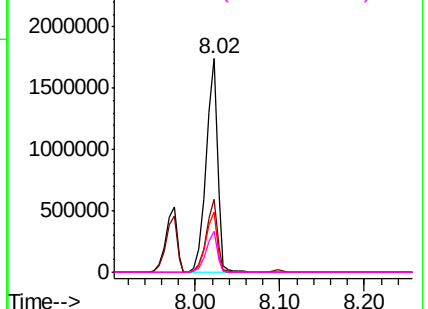
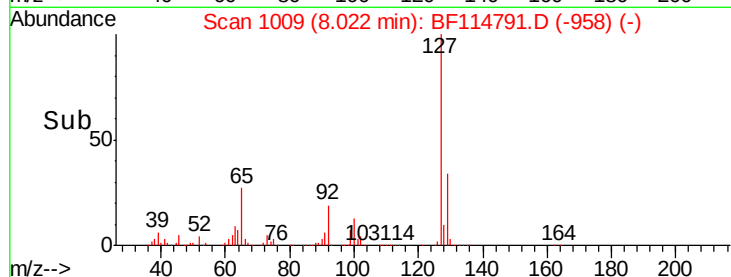
#33
4-Chloroaniline
Concen: 49.426 ng
RT: 8.02 min Scan# 1009
Delta R.T. -0.00 min
Lab File: BF114791.D
Acq: 4 Jun 2019 12:50

Instrument :
BNA_F
ClientSampled :

Tot Ion:127 Resp: 1625428
Ion Ratio Lower Upper
127 100
129 34.0 26.9 40.3
65 27.9 21.7 32.5
92 18.9 14.8 22.2

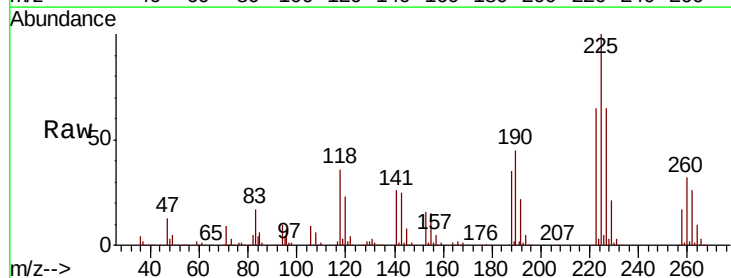


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

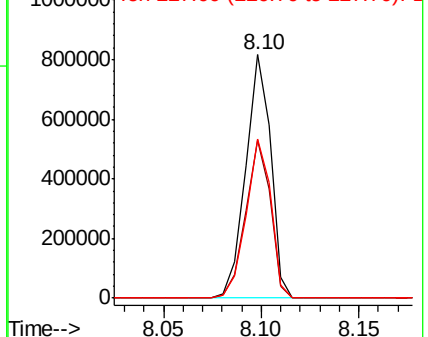
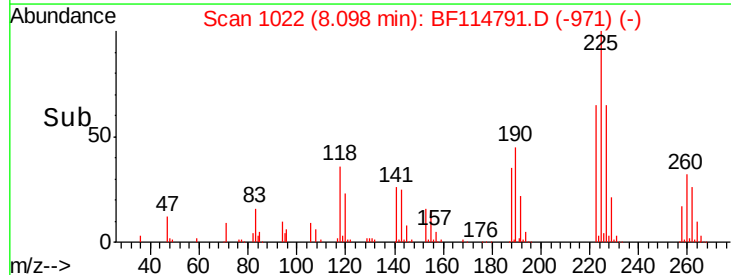


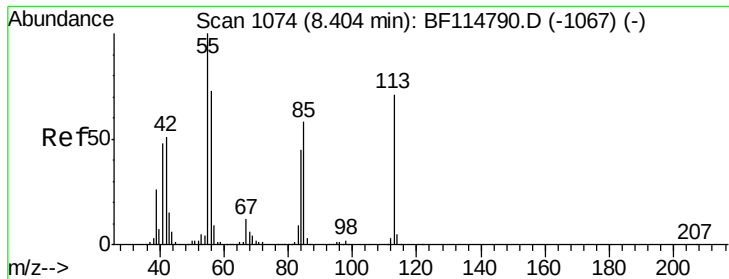
#34
Hexachlorobutadiene
Concen: 50.312 ng
RT: 8.10 min Scan# 1022
Delta R.T. -0.00 min
Lab File: BF114791.D
Acq: 4 Jun 2019 12:50

Tgt Ion:225 Resp: 724557
Ion Ratio Lower Upper
225 100
223 64.9 51.0 76.6
227 65.4 52.6 78.8



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





#35

Caprolactam

Concen: 49.338 ng

RT: 8.40 min Scan# 1074

Delta R.T. 0.00 min

Lab File: BF114791.D

Acq: 4 Jun 2019 12:50

Instrument :

BNA_F

ClientSampleId :

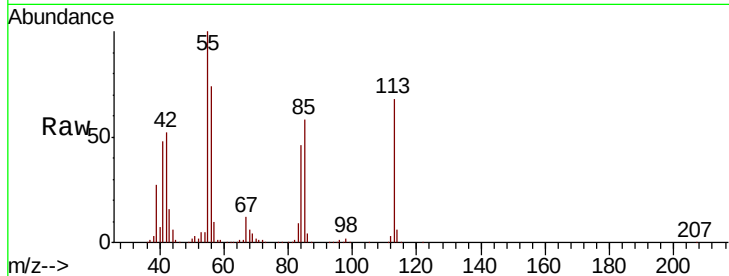
Tot Ion:113 Resp: 351179

Ion Ratio Lower Upper

113 100

55 146.0 121.1 161.1

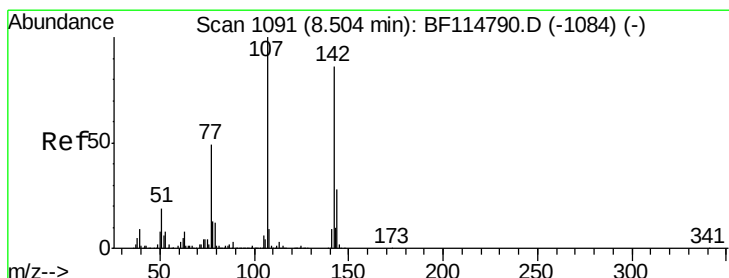
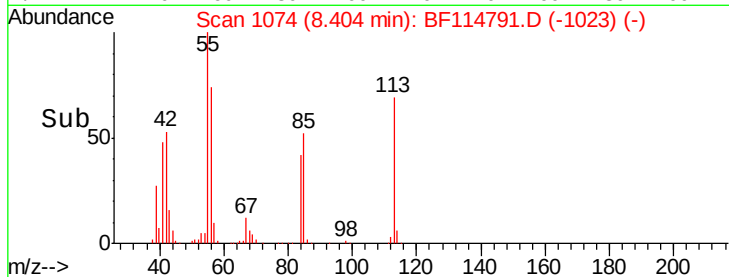
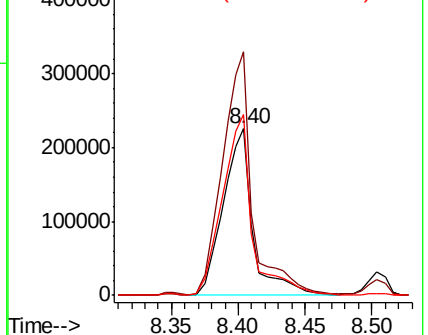
56 108.3 82.6 122.6



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36

4-Chloro-3-methylphenol

Concen: 50.699 ng

RT: 8.50 min Scan# 1091

Delta R.T. 0.00 min

Lab File: BF114791.D

Acq: 4 Jun 2019 12:50

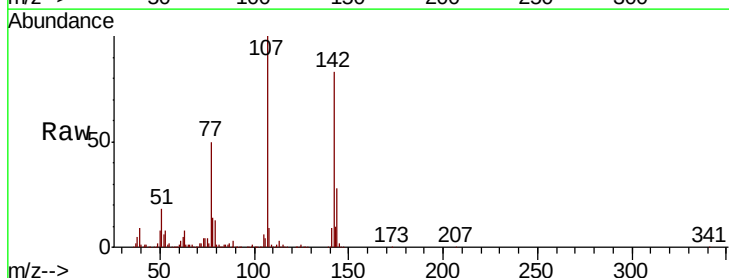
Tgt Ion:107 Resp: 1107975

Ion Ratio Lower Upper

107 100

144 27.6 22.1 33.1

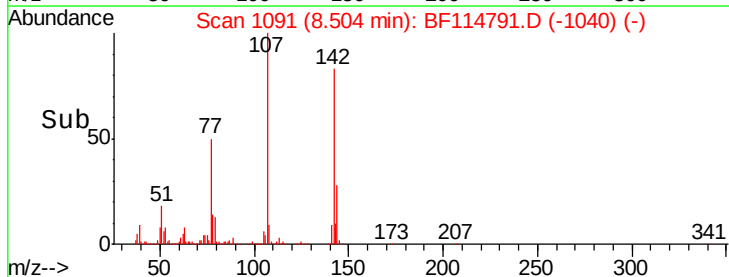
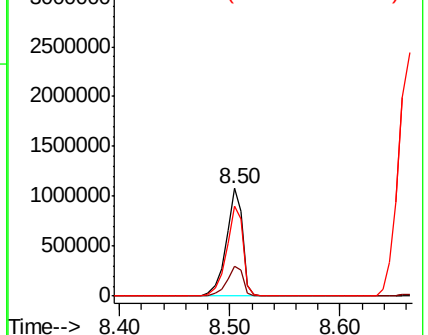
142 83.2 68.4 102.6

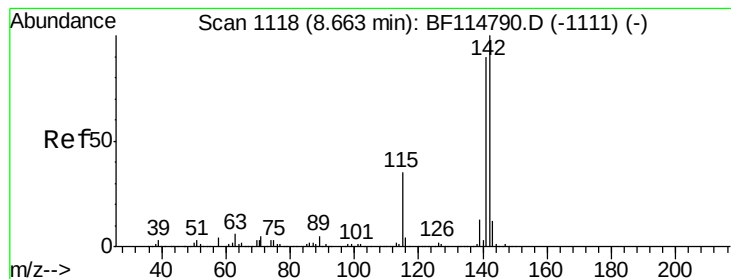


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

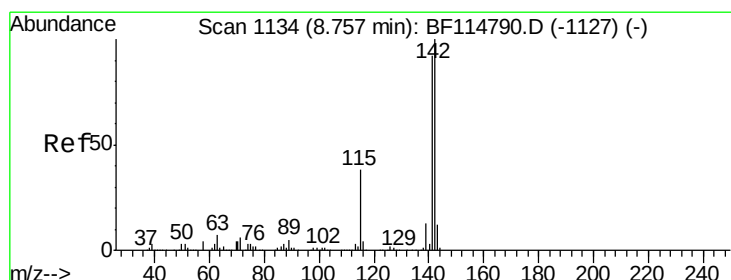
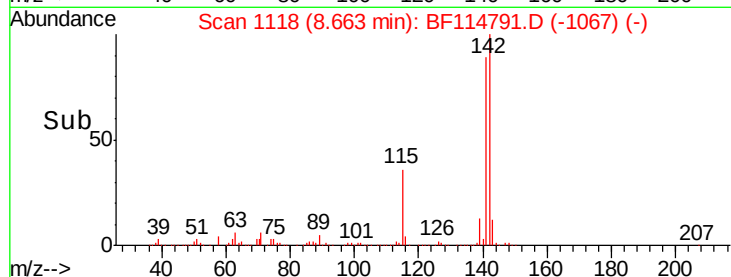
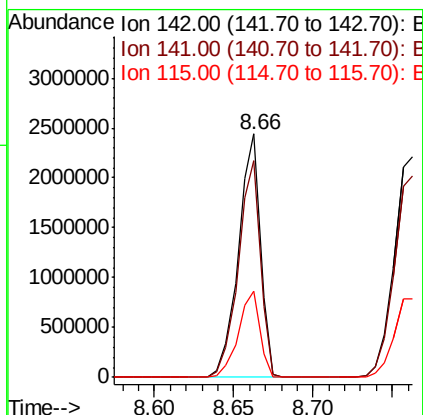
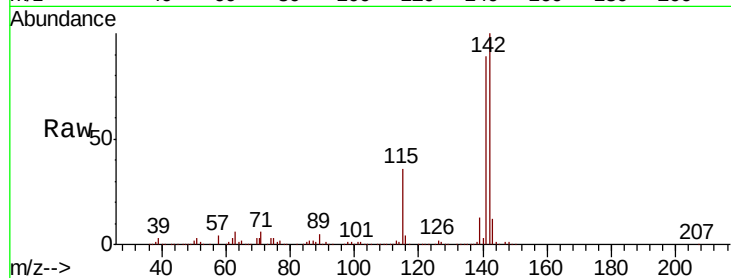




#37
2-Methylnaphthalene
Concen: 49.643 ng
RT: 8.66 min Scan# 1118
Delta R.T. -0.00 min
Lab File: BF114791.D
Acq: 4 Jun 2019 12:50

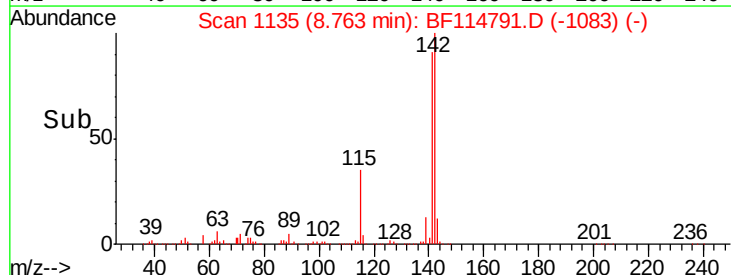
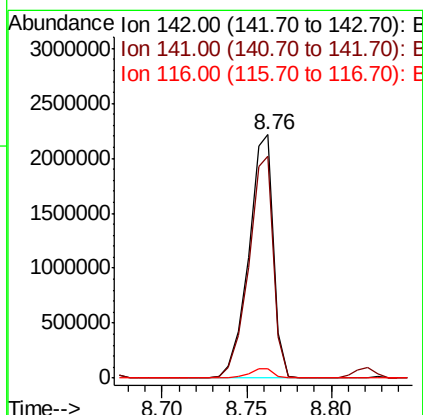
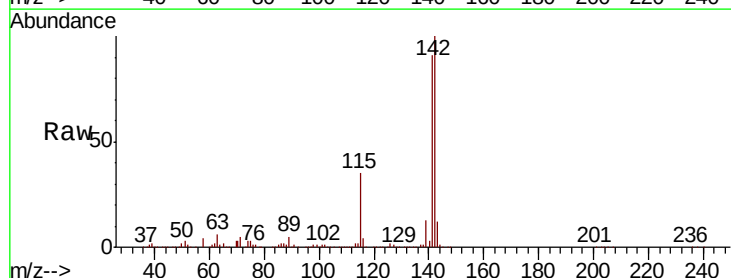
Instrument :
BNA_F
ClientSampleId :

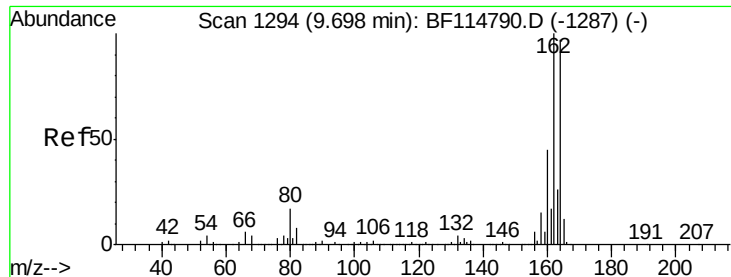
Tot Ion:142 Resp: 2340677
Ion Ratio Lower Upper
142 100
141 89.2 71.6 107.4
115 35.6 28.2 42.4



#38
1-Methylnaphthalene
Concen: 50.480 ng
RT: 8.76 min Scan# 1135
Delta R.T. 0.01 min
Lab File: BF114791.D
Acq: 4 Jun 2019 12:50

Tgt Ion:142 Resp: 2255826
Ion Ratio Lower Upper
142 100
141 91.4 73.8 110.6
116 3.7 3.3 4.9

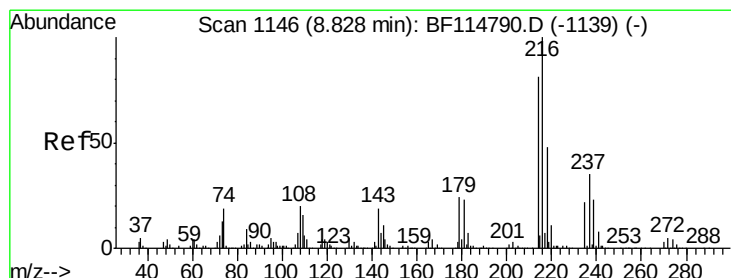
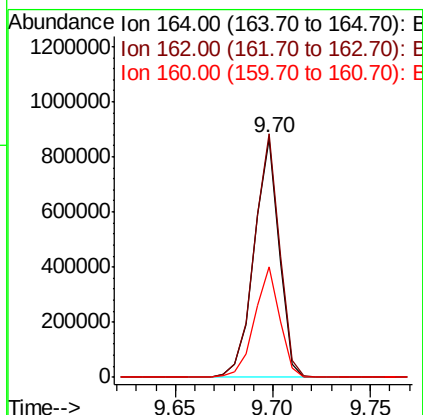
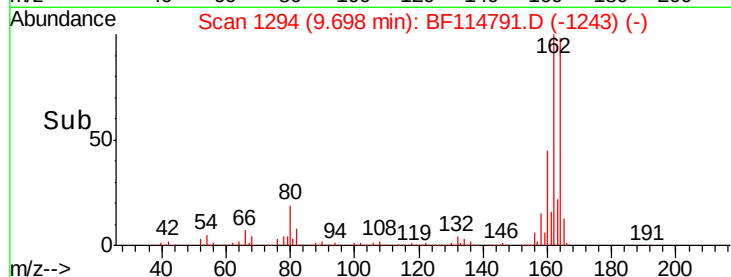
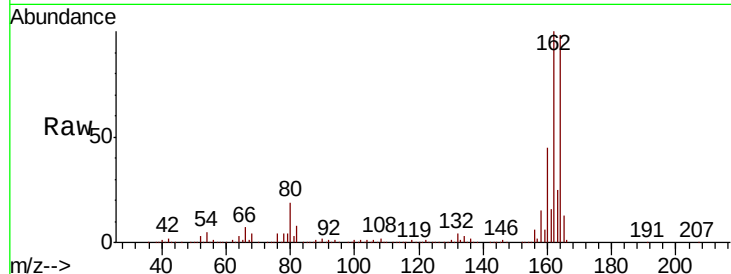




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.70 min Scan# 1294
Delta R.T. 0.00 min
Lab File: BF114791.D
Acq: 4 Jun 2019 12:50

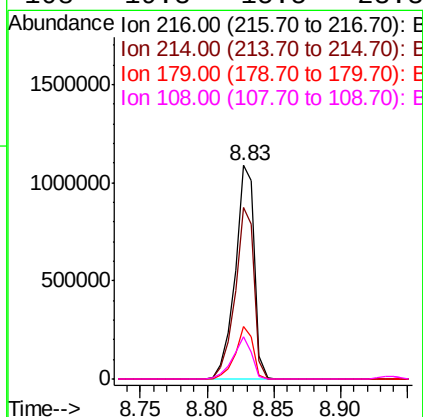
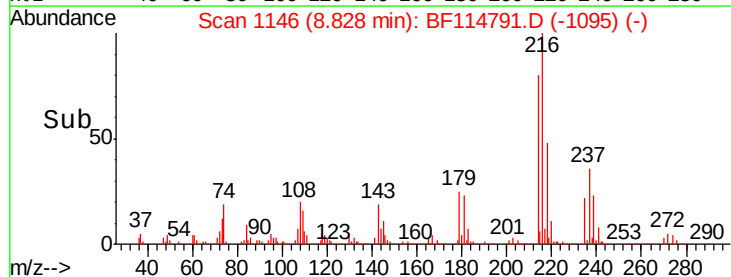
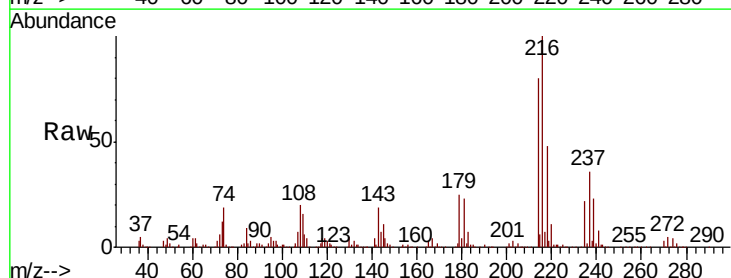
Instrument :
BNA_F
ClientSampled :

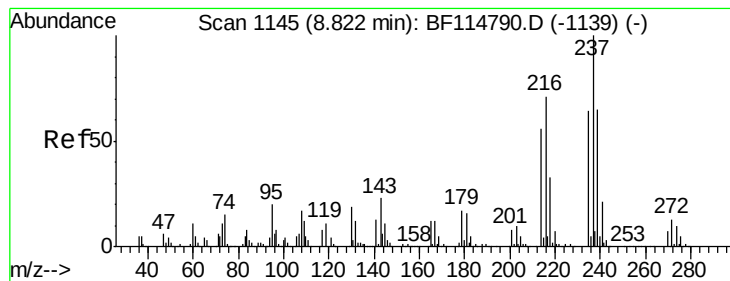
Tot Ion:164 Resp: 765660
Ion Ratio Lower Upper
164 100
162 102.0 82.3 123.5
160 46.0 36.7 55.1



#40
1,2,4,5-Tetrachlorobenzene
Concen: 51.304 ng
RT: 8.83 min Scan# 1146
Delta R.T. 0.00 min
Lab File: BF114791.D
Acq: 4 Jun 2019 12:50

Tgt Ion:216 Resp: 1093849
Ion Ratio Lower Upper
216 100
214 79.5 63.4 95.2
179 23.0 18.3 27.5
108 19.3 15.5 23.3





#41

Hexachlorocyclopentadiene

Concen: 50.514 ng

RT: 8.82 min Scan# 1145

Delta R.T. 0.00 min

Lab File: BF114791.D

Acq: 4 Jun 2019 12:50

Instrument :

BNA_F

ClientSampled :

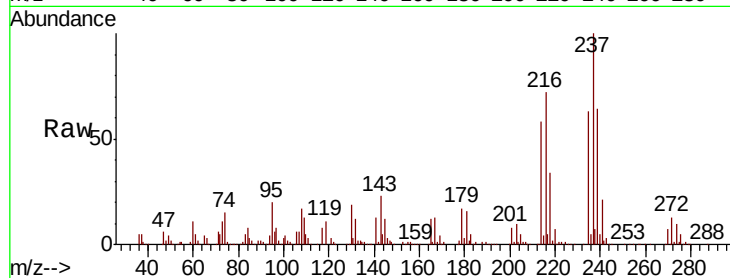
Tot Ion:237 Resp: 671260

Ion Ratio Lower Upper

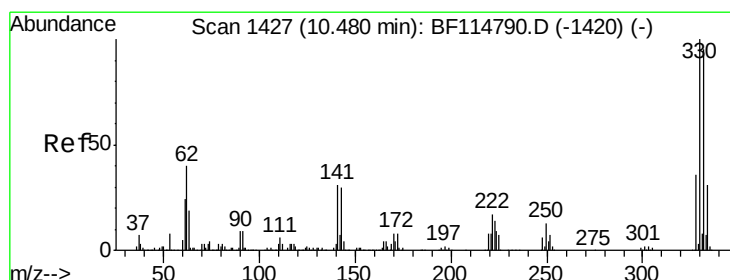
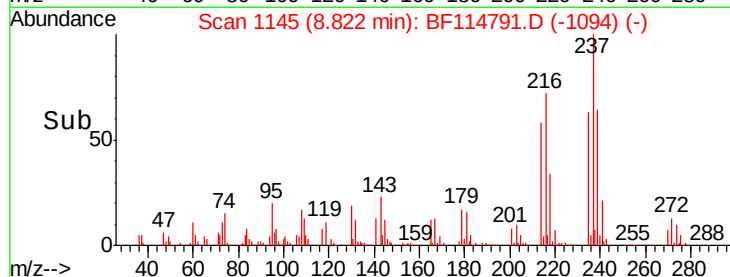
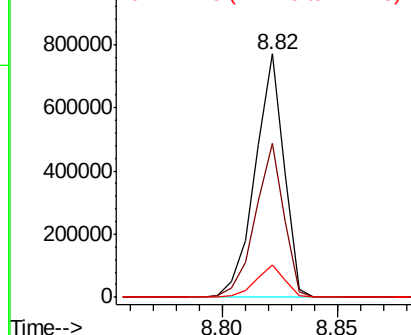
237 100

235 63.1 44.0 84.0

272 13.4 0.0 33.4



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



#42

2,4,6-Tribromophenol

Concen: 104.260 ng

RT: 10.48 min Scan# 1427

Delta R.T. 0.00 min

Lab File: BF114791.D

Acq: 4 Jun 2019 12:50

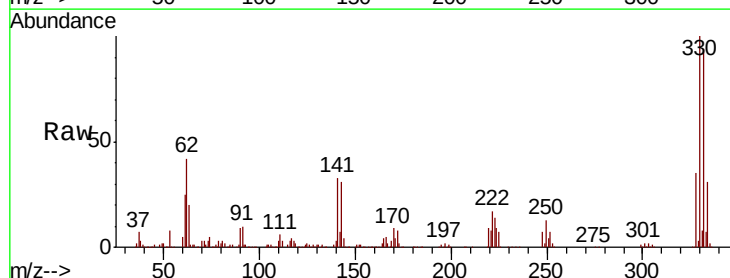
Tgt Ion:330 Resp: 807824

Ion Ratio Lower Upper

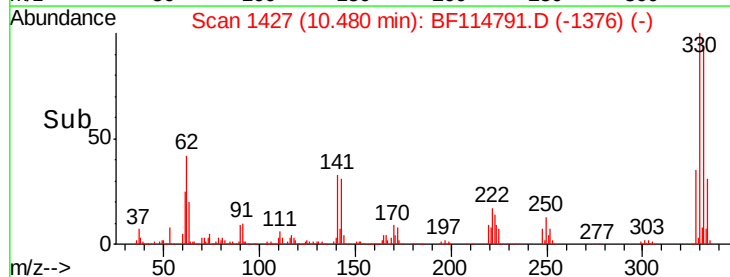
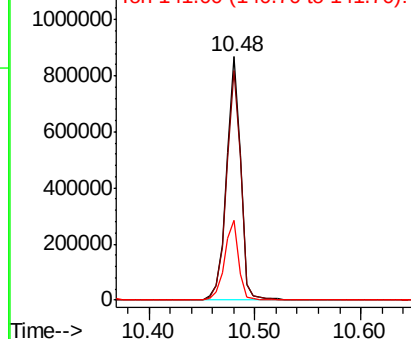
330 100

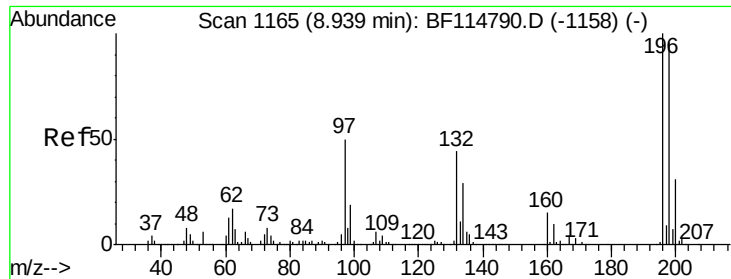
332 96.6 77.3 115.9

141 33.1 26.2 39.4



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

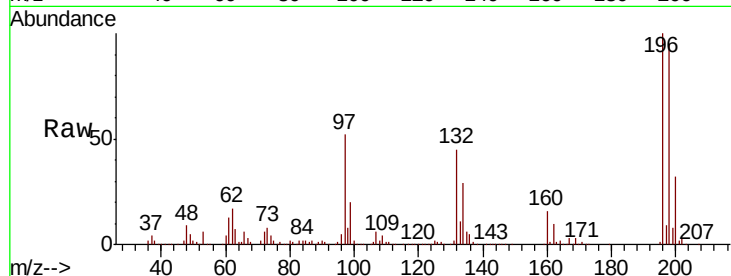




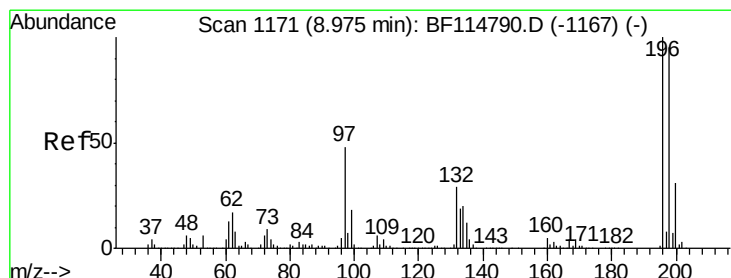
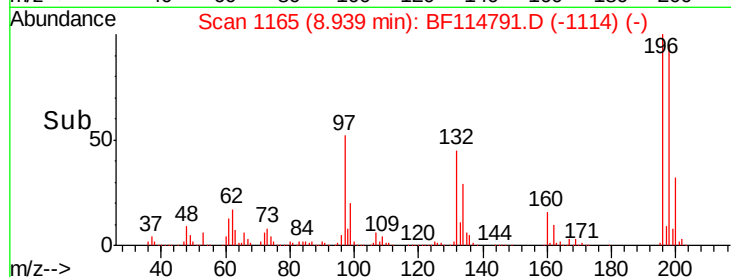
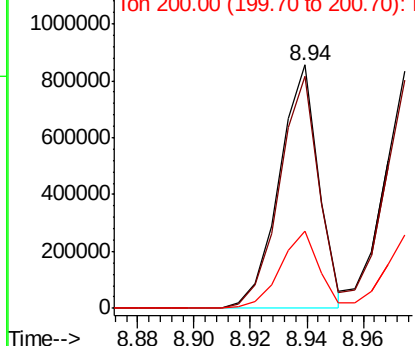
#43
 2,4,6-Trichlorophenol
 Concen: 49.782 ng
 RT: 8.94 min Scan# 1165
 Delta R.T. 0.00 min
 Lab File: BF114791.D
 Acq: 4 Jun 2019 12:50

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:196 Resp: 828624
 Ion Ratio Lower Upper
 196 100
 198 95.1 77.1 115.7
 200 31.7 24.6 36.8

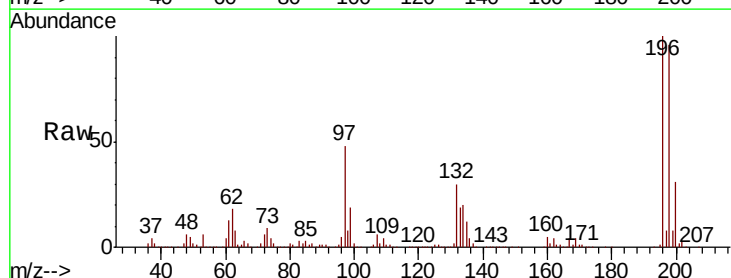


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

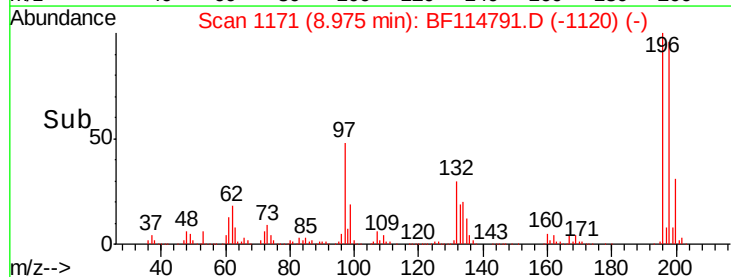
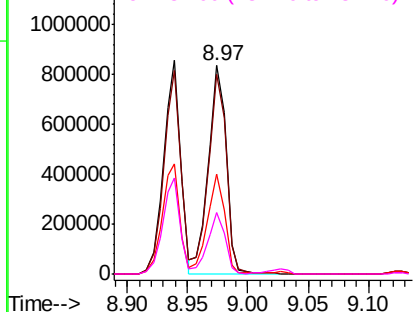


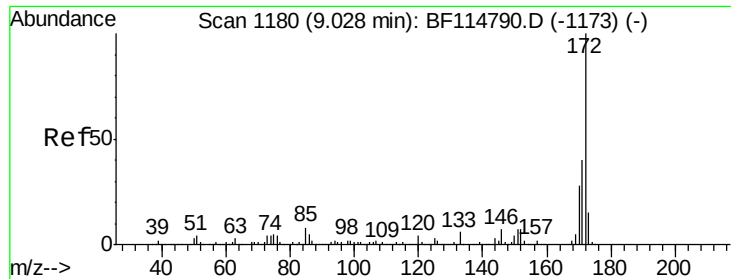
#44
 2,4,5-Trichlorophenol
 Concen: 51.878 ng
 RT: 8.97 min Scan# 1171
 Delta R.T. 0.00 min
 Lab File: BF114791.D
 Acq: 4 Jun 2019 12:50

Tgt Ion:196 Resp: 856871
 Ion Ratio Lower Upper
 196 100
 198 95.8 76.2 114.4
 97 47.6 38.2 57.4
 132 29.6 23.7 35.5



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

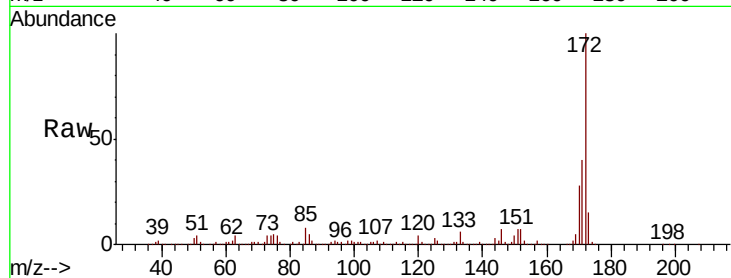




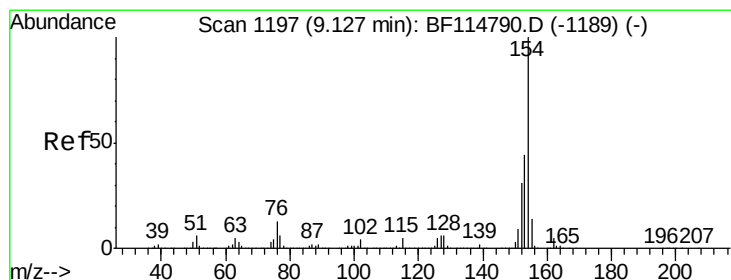
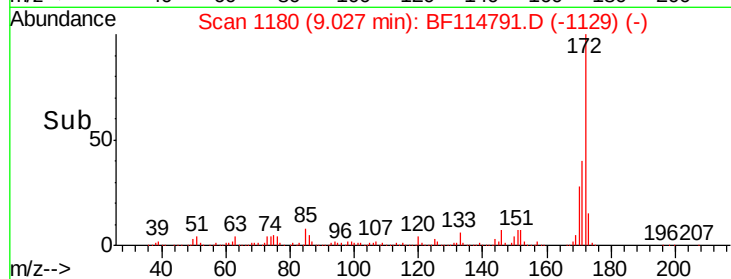
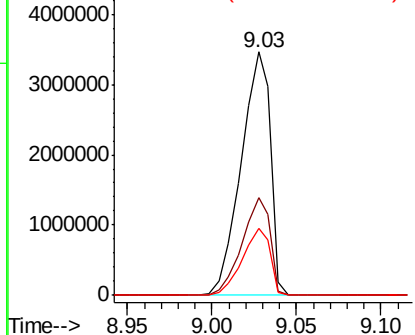
#45
2-Fluorobiphenyl
Concen: 98.854 ng
RT: 9.03 min Scan# 1180
Delta R.T. -0.00 min
Lab File: BF114791.D
Acq: 4 Jun 2019 12:50

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 4199779
Ion Ratio Lower Upper
172 100
171 40.2 32.3 48.5
170 27.7 22.4 33.6

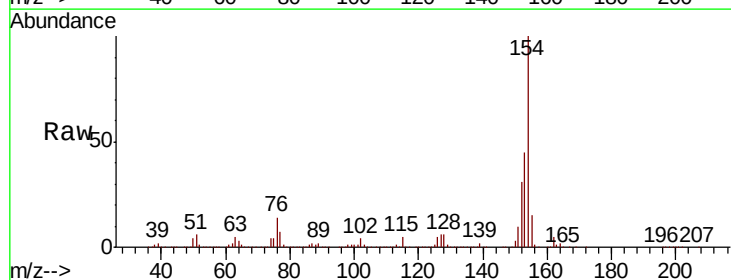


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

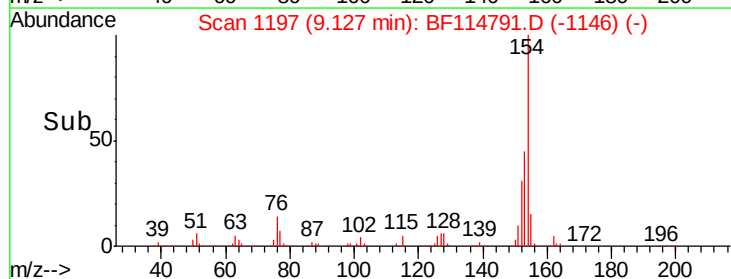
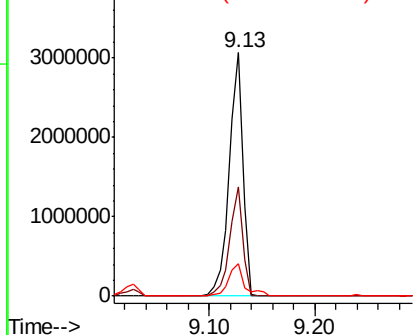


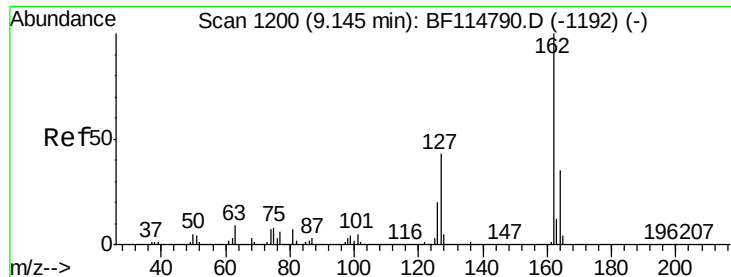
#46
1,1'-Biphenyl
Concen: 50.062 ng
RT: 9.13 min Scan# 1197
Delta R.T. 0.00 min
Lab File: BF114791.D
Acq: 4 Jun 2019 12:50

Tgt Ion:154 Resp: 2738936
Ion Ratio Lower Upper
154 100
153 44.7 23.9 63.9
76 13.5 0.0 33.2



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

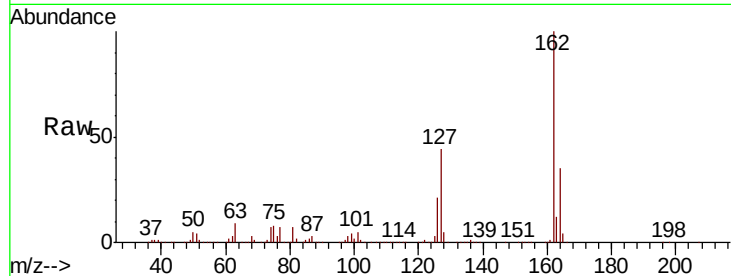




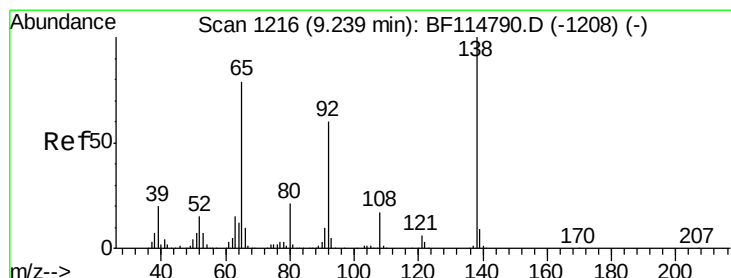
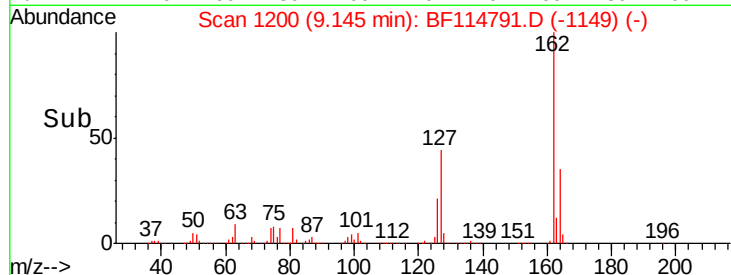
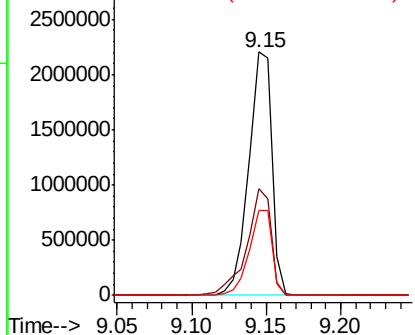
#47
 2-Chloronaphthalene
 Concen: 50.900 ng
 RT: 9.15 min Scan# 1200
 Delta R.T. 0.00 min
 Lab File: BF114791.D
 Acq: 4 Jun 2019 12:50

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:162 Resp: 2355823
 Ion Ratio Lower Upper
 162 100
 127 43.8 34.6 51.8
 164 34.9 27.8 41.8

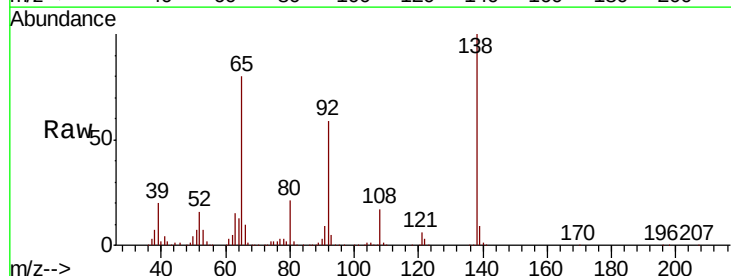


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

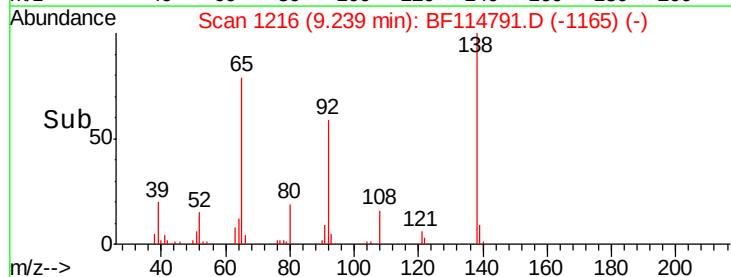
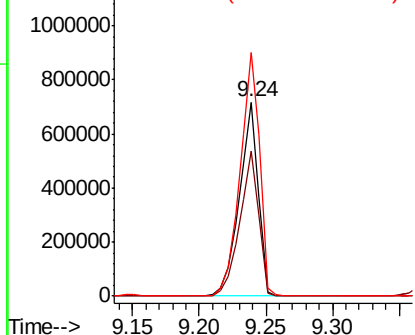


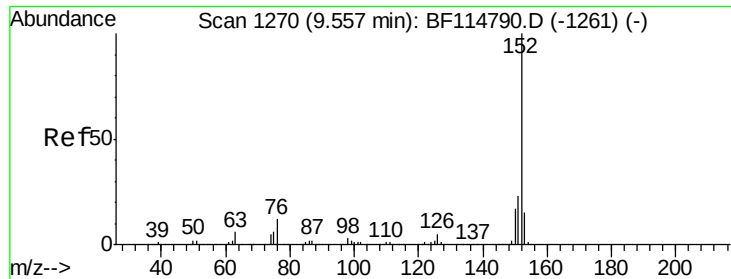
#48
 2-Nitroaniline
 Concen: 50.746 ng
 RT: 9.24 min Scan# 1216
 Delta R.T. -0.00 min
 Lab File: BF114791.D
 Acq: 4 Jun 2019 12:50

Tgt Ion: 65 Resp: 707802
 Ion Ratio Lower Upper
 65 100
 92 74.6 60.4 90.6
 138 125.5 101.2 151.8



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





#49

Acenaphthylene

Concen: 50.338 ng

RT: 9.56 min Scan# 1271

Delta R.T. 0.01 min

Lab File: BF114791.D

Acq: 4 Jun 2019 12:50

Instrument :

BNA_F

ClientSampleId :

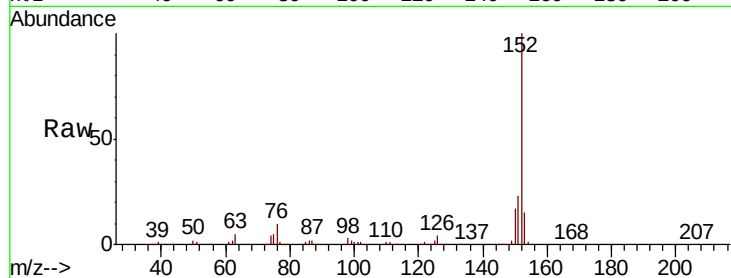
Tot Ion:152 Resp: 3400657

Ion Ratio Lower Upper

152 100

151 22.9 18.3 27.5

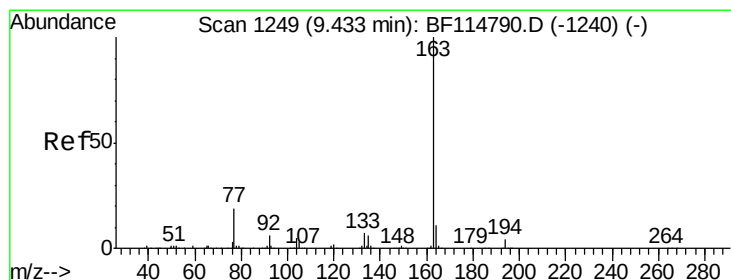
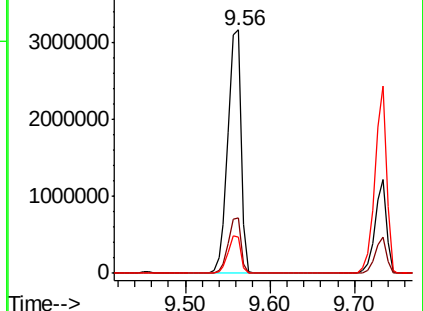
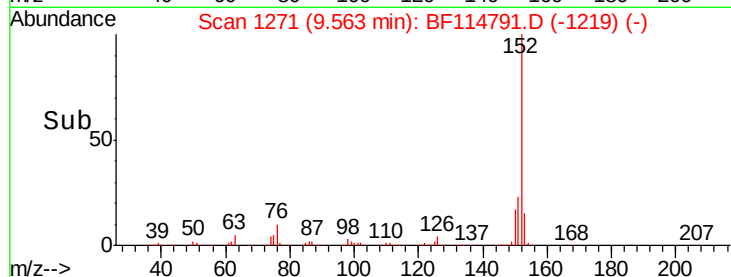
153 14.7 12.3 18.5



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 49.277 ng

RT: 9.43 min Scan# 1249

Delta R.T. 0.00 min

Lab File: BF114791.D

Acq: 4 Jun 2019 12:50

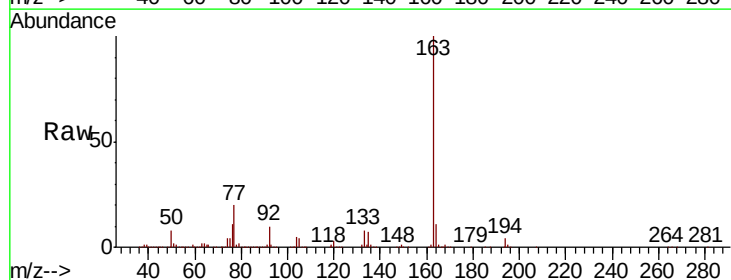
Tgt Ion:163 Resp: 2677324

Ion Ratio Lower Upper

163 100

194 4.5 3.4 5.2

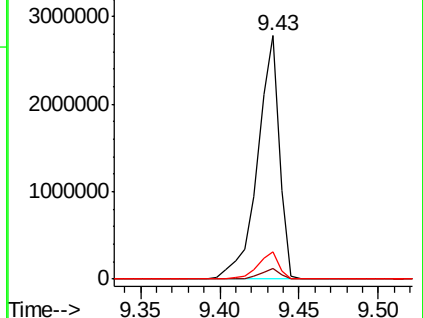
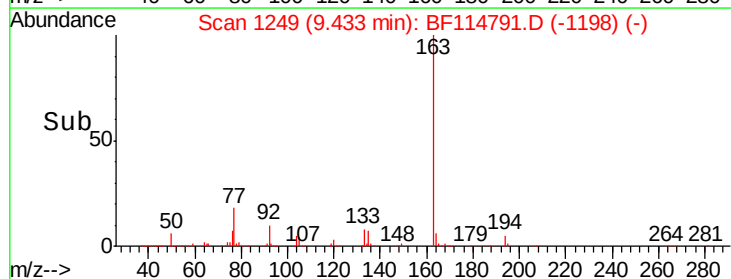
164 11.2 8.6 13.0

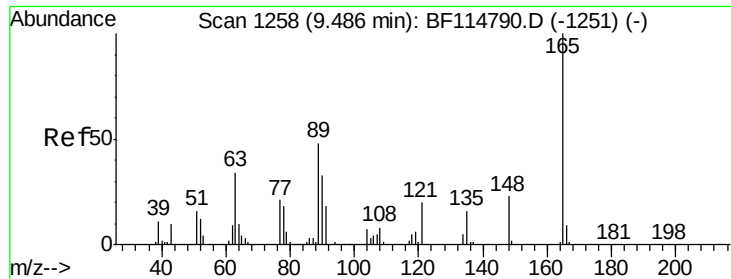


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

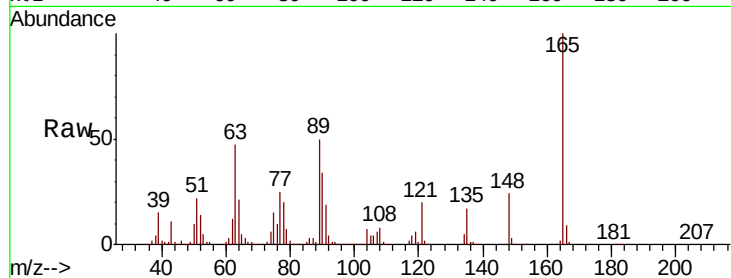




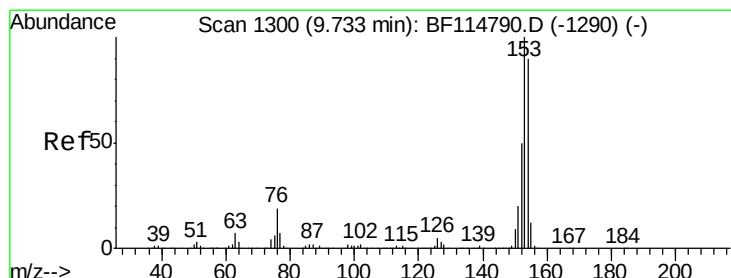
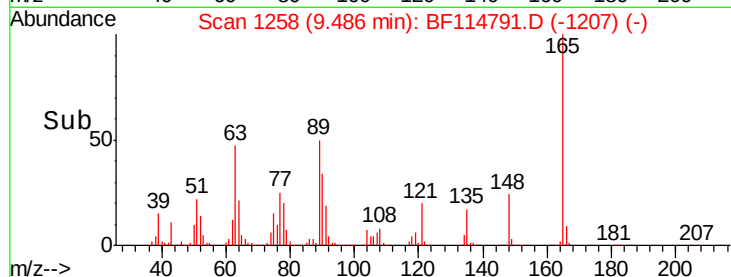
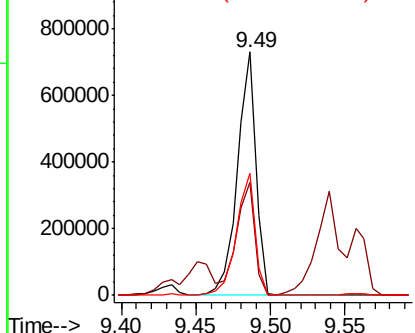
#51
 2,6-Dinitrotoluene
 Concen: 50.798 ng
 RT: 9.49 min Scan# 1258
 Delta R.T. 0.00 min
 Lab File: BF114791.D
 Acq: 4 Jun 2019 12:50

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:165 Resp: 640294
 Ion Ratio Lower Upper
 165 100
 63 46.6 35.1 52.7
 89 50.0 38.2 57.2

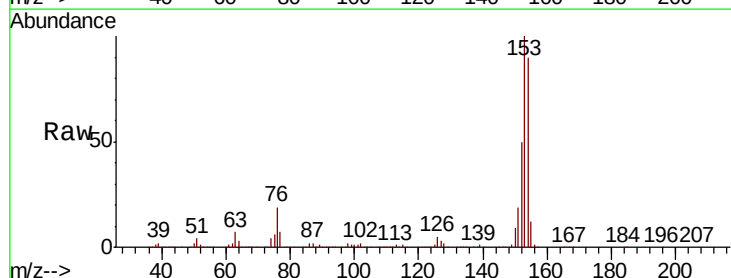


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

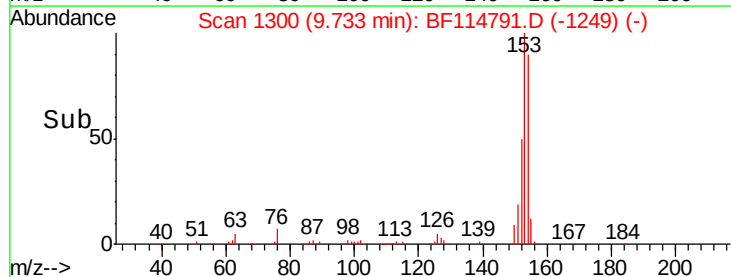
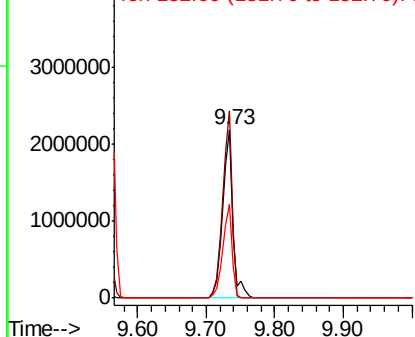


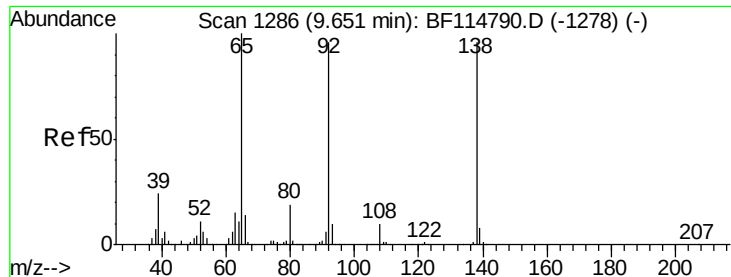
#52
 Acenaphthene
 Concen: 50.437 ng
 RT: 9.73 min Scan# 1300
 Delta R.T. 0.00 min
 Lab File: BF114791.D
 Acq: 4 Jun 2019 12:50

Tgt Ion:154 Resp: 2214987
 Ion Ratio Lower Upper
 154 100
 153 110.7 88.5 132.7
 152 55.7 44.1 66.1



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

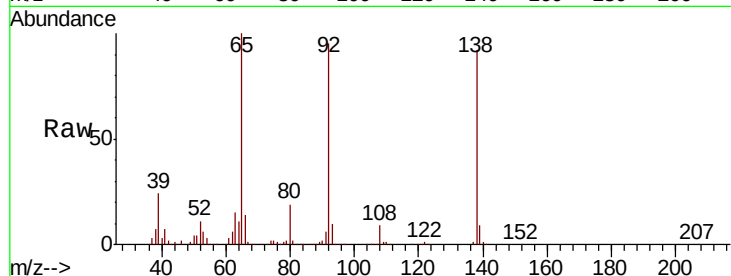




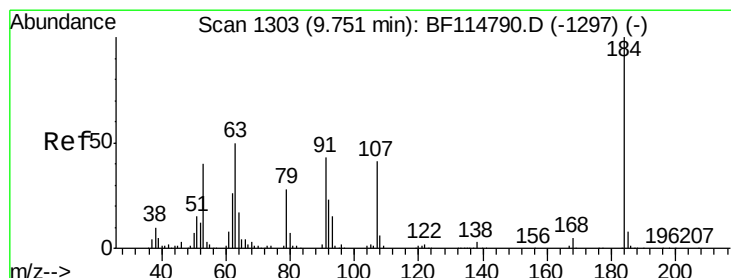
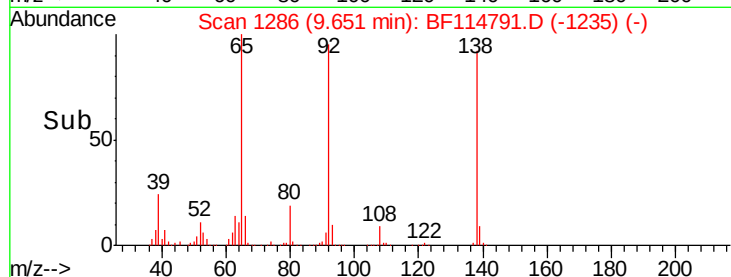
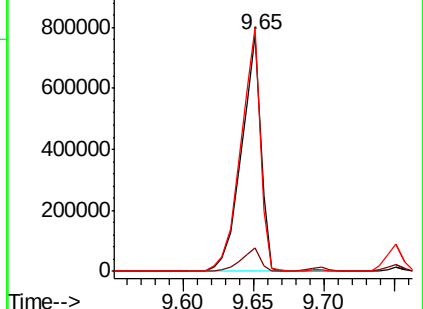
#53
3-Nitroaniline
Concen: 49.637 ng
RT: 9.65 min Scan# 1286
Delta R.T. 0.00 min
Lab File: BF114791.D
Acq: 4 Jun 2019 12:50

Instrument :
BNA_F
ClientSampled :

Tot Ion:138 Resp: 745378
Ion Ratio Lower Upper
138 100
108 10.1 7.9 11.9
92 102.9 79.9 119.9

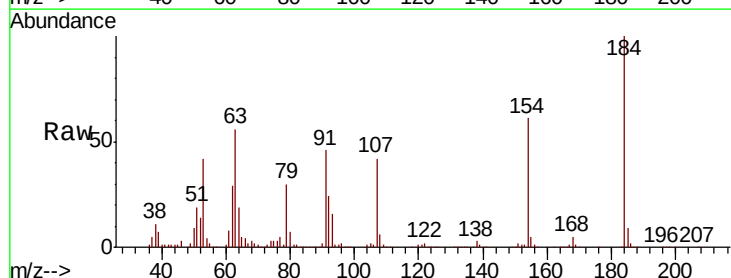


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

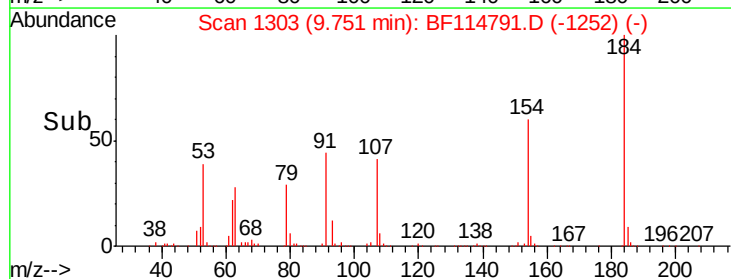
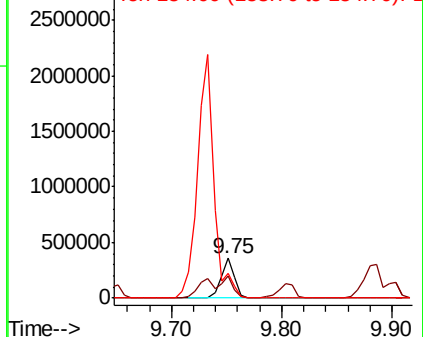


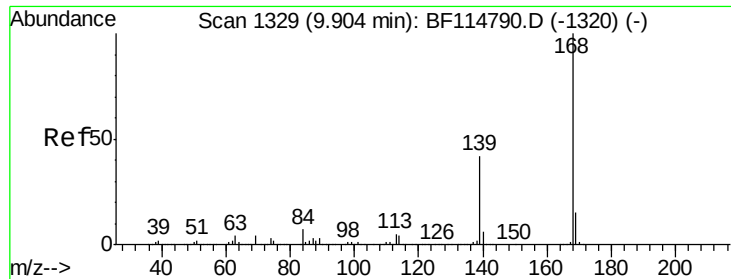
#54
2,4-Dinitrophenol
Concen: 51.598 ng
RT: 9.75 min Scan# 1303
Delta R.T. -0.00 min
Lab File: BF114791.D
Acq: 4 Jun 2019 12:50

Tgt Ion:184 Resp: 307068
Ion Ratio Lower Upper
184 100
63 56.3 44.1 66.1
154 60.7 48.1 72.1



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

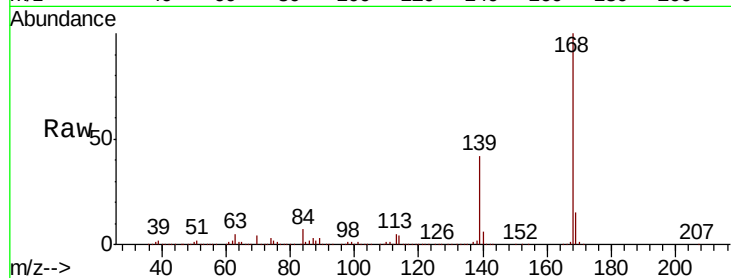




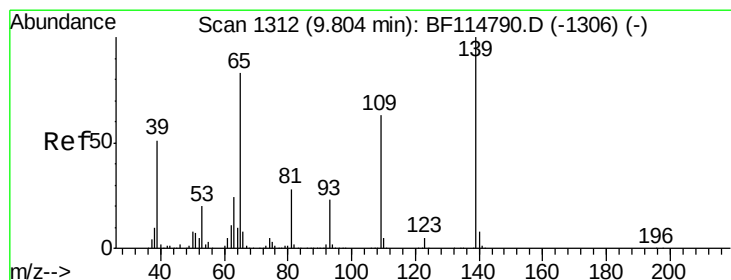
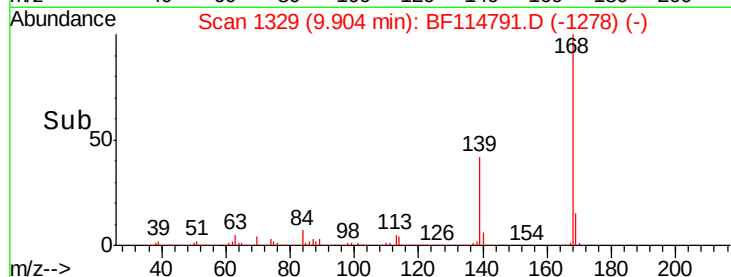
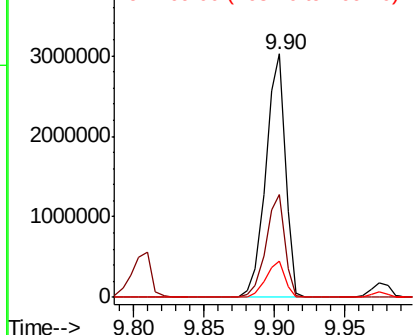
#55
Dibenzofuran
Concen: 50.695 ng
RT: 9.90 min Scan# 1329
Delta R.T. 0.00 min
Lab File: BF114791.D
Acq: 4 Jun 2019 12:50

Instrument :
BNA_F
ClientSampleId :

Tot Ion:168 Resp: 2983384
Ion Ratio Lower Upper
168 100
139 42.3 33.8 50.6
169 15.1 11.9 17.9

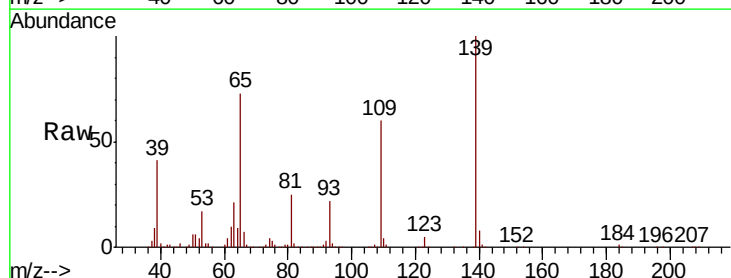


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

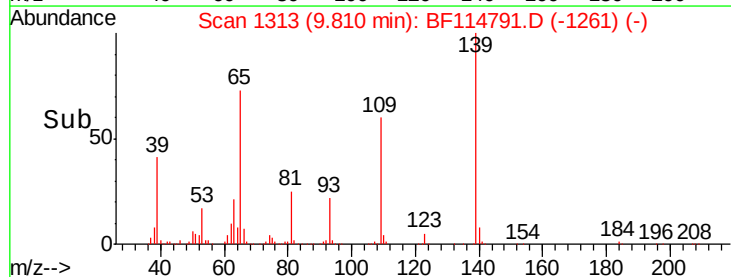
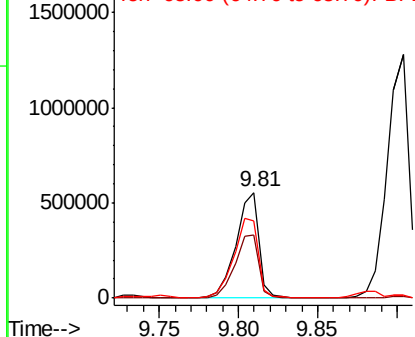


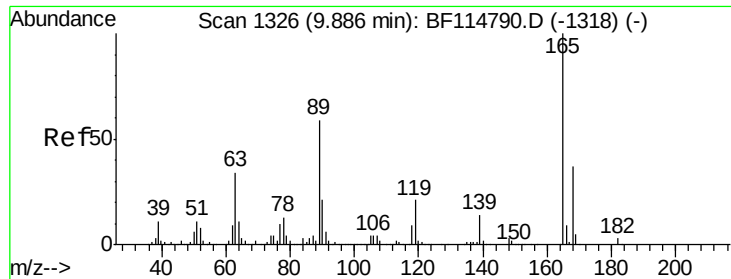
#56
4-Nitrophenol
Concen: 51.776 ng
RT: 9.81 min Scan# 1313
Delta R.T. 0.01 min
Lab File: BF114791.D
Acq: 4 Jun 2019 12:50

Tgt Ion:139 Resp: 562125
Ion Ratio Lower Upper
139 100
109 60.2 43.5 83.5
65 72.9 63.2 103.2



Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1

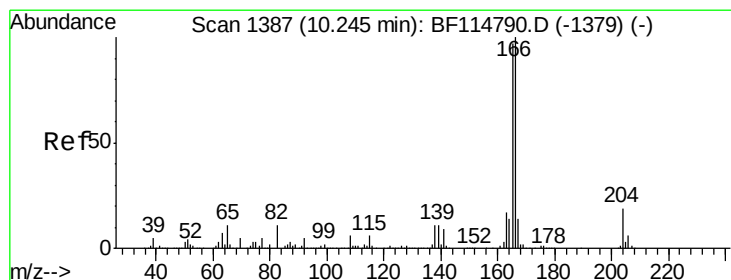
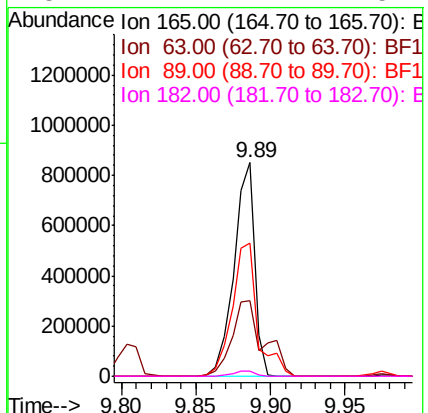
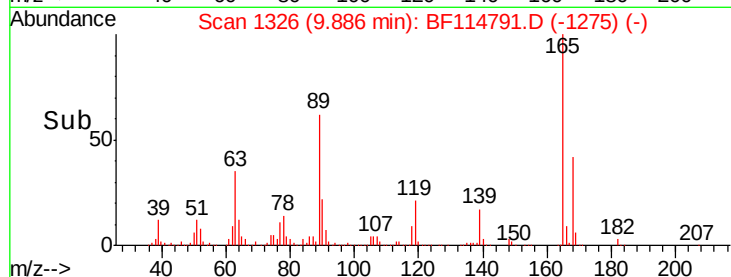
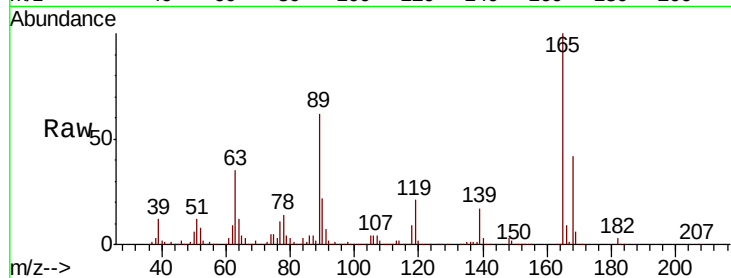




#57
2,4-Dinitrotoluene
Concen: 52.053 ng
RT: 9.89 min Scan# 1326
Delta R.T. -0.00 min
Lab File: BF114791.D
Acq: 4 Jun 2019 12:50

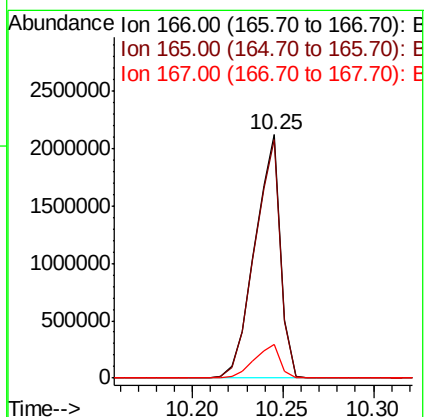
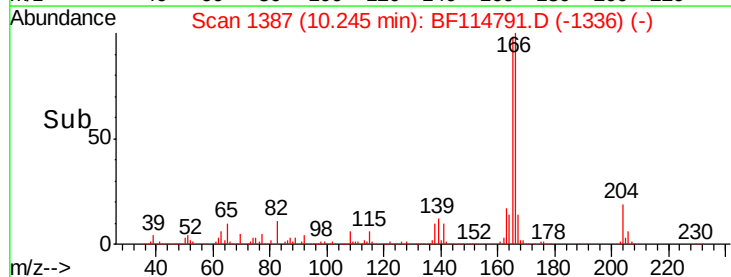
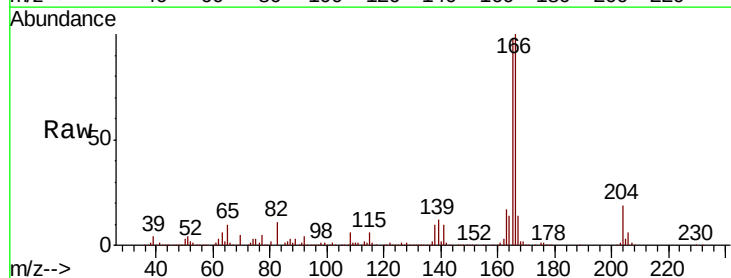
Instrument :
BNA_F
ClientSampleId :

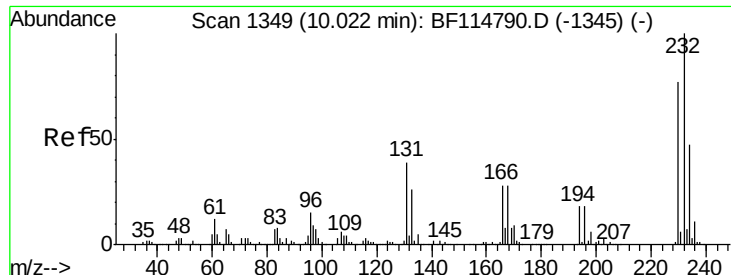
Tot Ion	Ratio	Lower	Upper
165	100		
63	35.4	27.0	40.4
89	62.2	47.0	70.6
182	2.7	2.2	3.2



#58
Fluorene
Concen: 49.328 ng
RT: 10.25 min Scan# 1387
Delta R.T. -0.00 min
Lab File: BF114791.D
Acq: 4 Jun 2019 12:50

Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.0	77.9	116.9
167	14.0	11.3	16.9

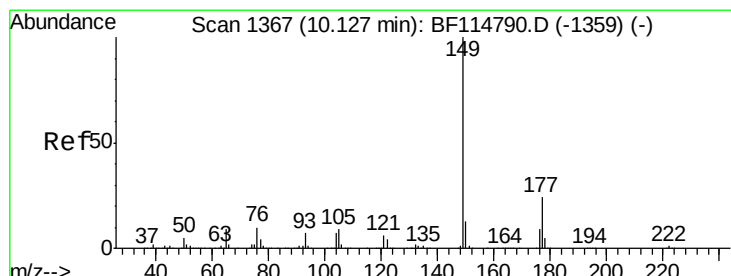
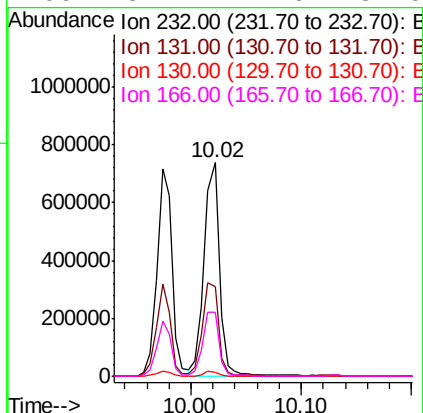
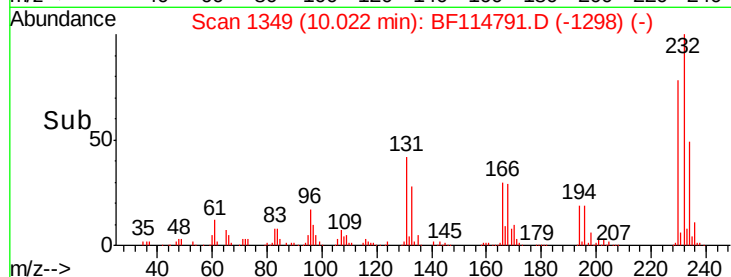
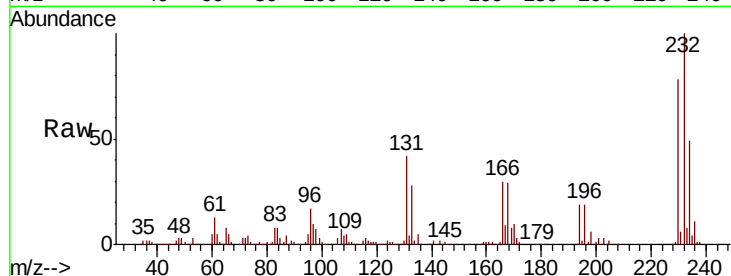




#59
2,3,4,6-Tetrachlorophenol
Concen: 51.482 ng
RT: 10.02 min Scan# 1349
Delta R.T. 0.00 min
Lab File: BF114791.D
Acq: 4 Jun 2019 12:50

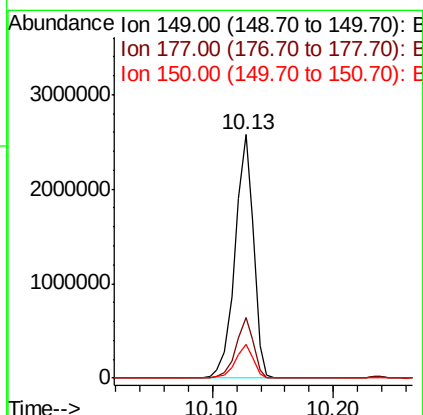
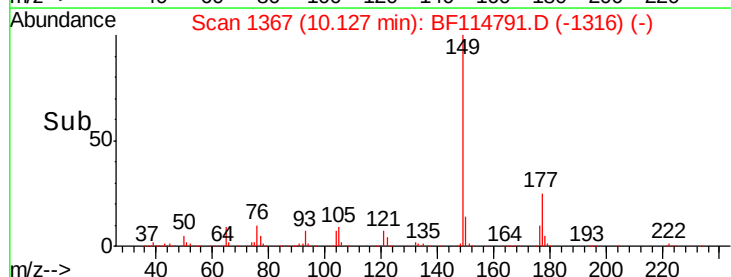
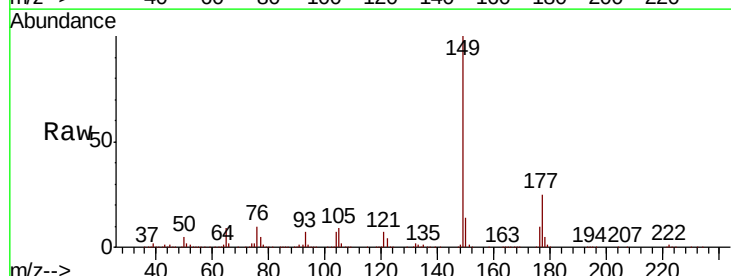
Instrument :
BNA_F
ClientSampleId :

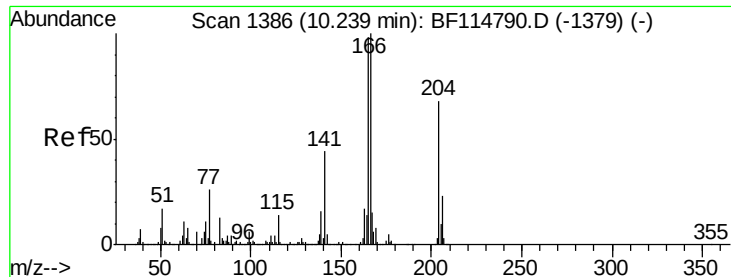
Tot Ion:232 Resp: 693935
Ion Ratio Lower Upper
232 100
131 46.4 36.8 55.2
130 2.3 1.8 2.6
166 31.7 24.6 37.0



#60
Diethylphthalate
Concen: 50.501 ng
RT: 10.13 min Scan# 1367
Delta R.T. 0.00 min
Lab File: BF114791.D
Acq: 4 Jun 2019 12:50

Tgt Ion:149 Resp: 2745558
Ion Ratio Lower Upper
149 100
177 24.7 19.3 28.9
150 13.9 10.7 16.1

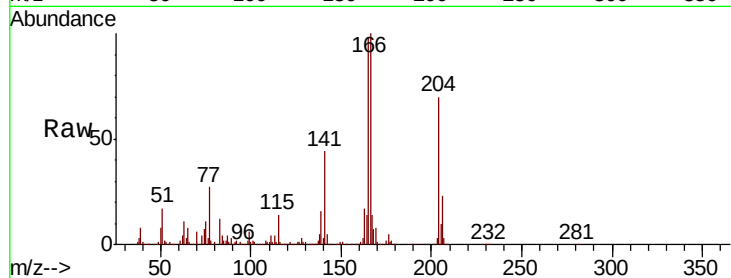




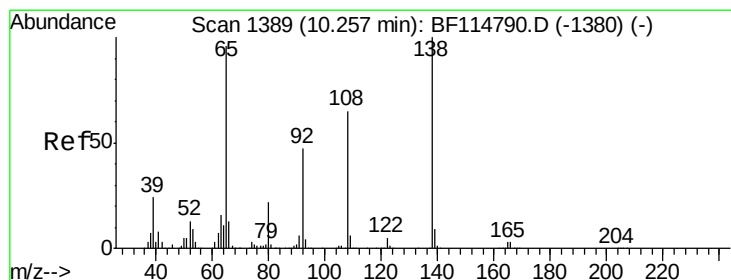
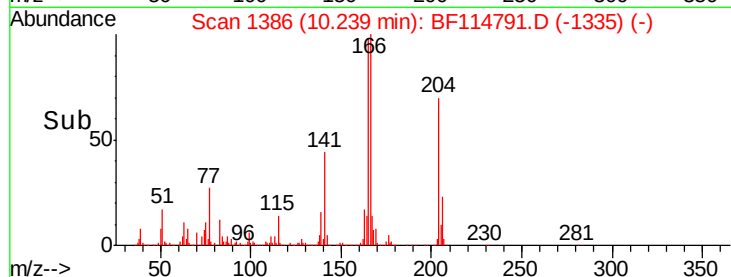
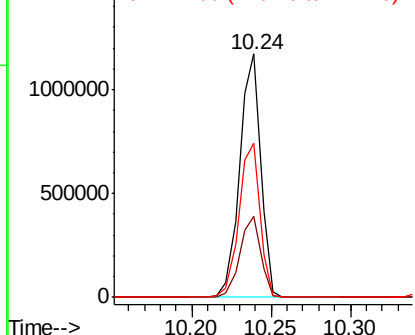
#61
4-Chlorophenyl-phenylether
Concen: 49.273 ng
RT: 10.24 min Scan# 1386
Delta R.T. 0.00 min
Lab File: BF114791.D
Acq: 4 Jun 2019 12:50

Instrument :
BNA_F
ClientSampleId :

Tot Ion:204 Resp: 1071804
Ion Ratio Lower Upper
204 100
206 33.4 26.5 39.7
141 63.3 51.0 76.4

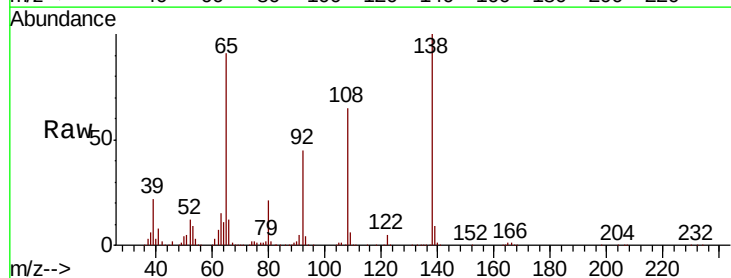


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

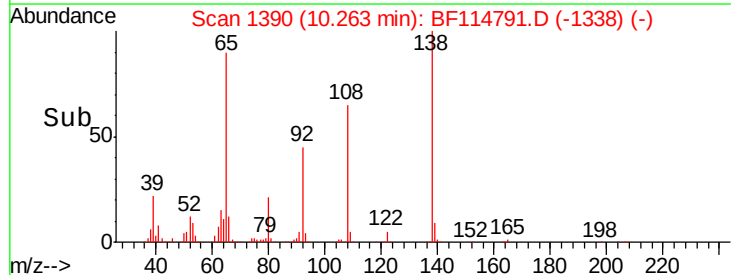
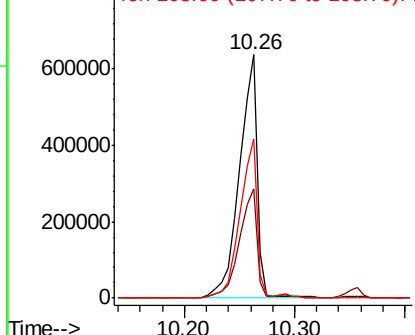


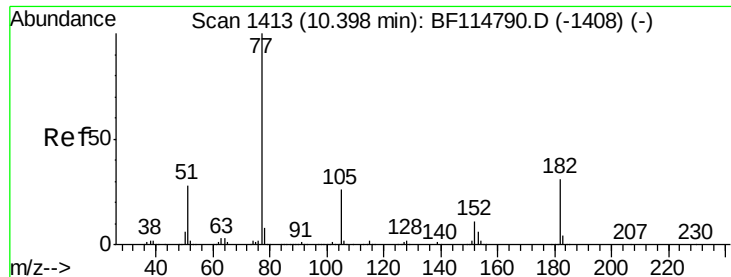
#62
4-Nitroaniline
Concen: 50.279 ng
RT: 10.26 min Scan# 1390
Delta R.T. 0.01 min
Lab File: BF114791.D
Acq: 4 Jun 2019 12:50

Tgt Ion:138 Resp: 730056
Ion Ratio Lower Upper
138 100
92 44.7 26.5 66.5
108 65.5 45.4 85.4



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: 50.116 ng

RT: 10.40 min Scan# 1413

Delta R.T. -0.00 min

Lab File: BF114791.D

Acq: 4 Jun 2019 12:50

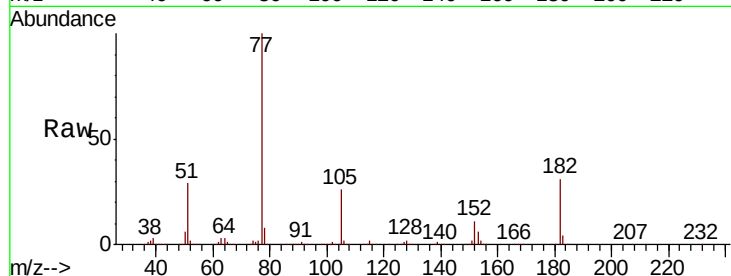
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 77 Resp: 2337617

Ion	Ratio	Lower	Upper
77	100		
182	31.0	11.2	51.2
105	25.9	5.7	45.7
51	28.5	8.0	48.0

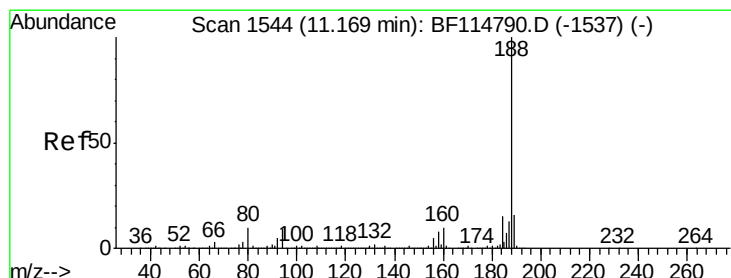
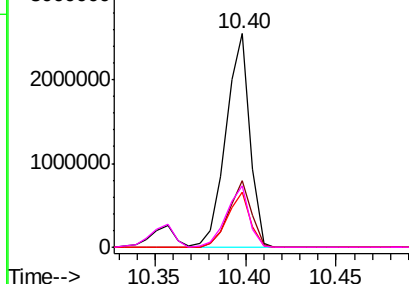
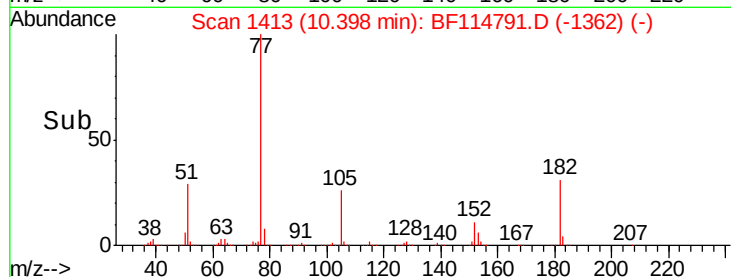


Abundance Ion 77.00 (76.70 to 77.70): BF1

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: 11.17 min Scan# 1544

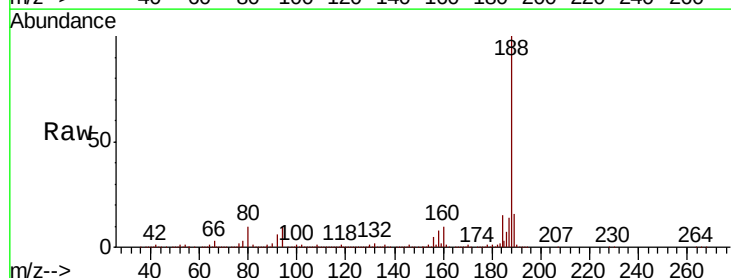
Delta R.T. 0.00 min

Lab File: BF114791.D

Acq: 4 Jun 2019 12:50

Tgt Ion: 188 Resp: 1435701

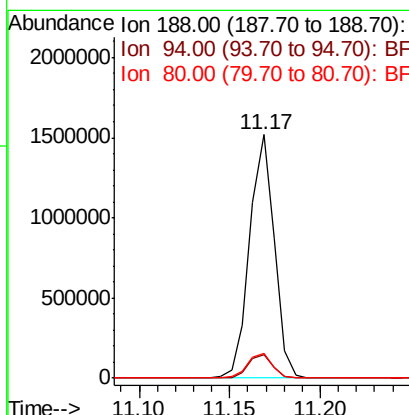
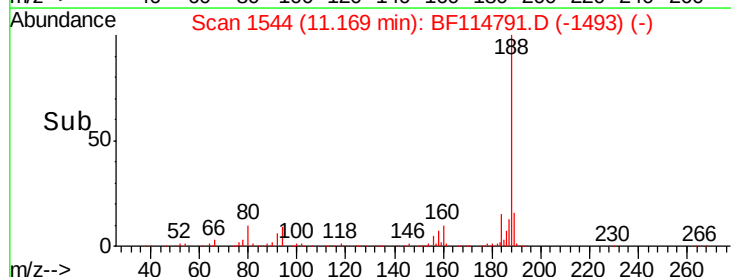
Ion	Ratio	Lower	Upper
188	100		
94	9.8	7.6	11.4
80	9.9	8.3	12.5

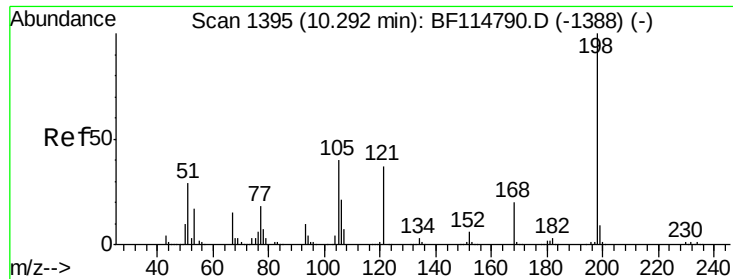


Abundance Ion 188.00 (187.70 to 188.70): E

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: 51.029 ng

RT: 10.29 min Scan# 1395

Delta R.T. 0.00 min

Lab File: BF114791.D

Acq: 4 Jun 2019 12:50

Instrument :

BNA_F

ClientSampleId :

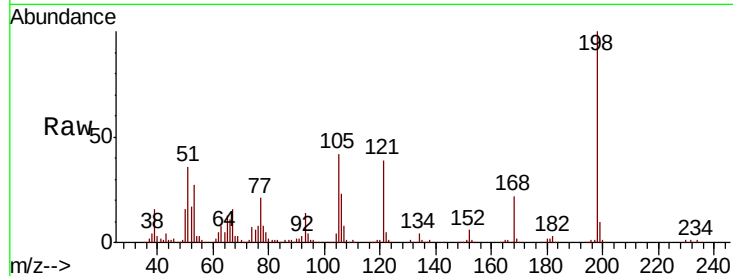
Tot Ion:198 Resp: 378972

Ion Ratio Lower Upper

198 100

51 35.8 14.9 54.9

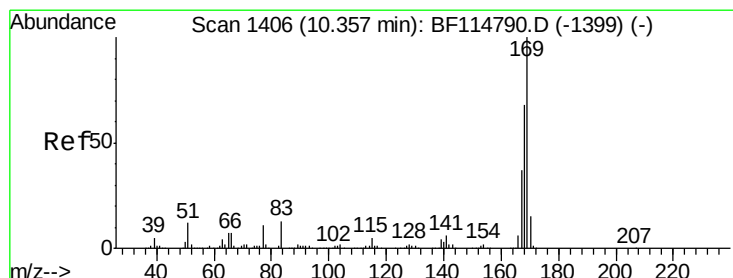
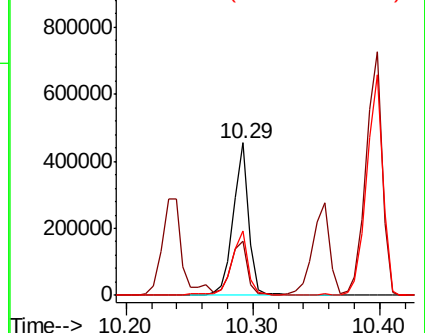
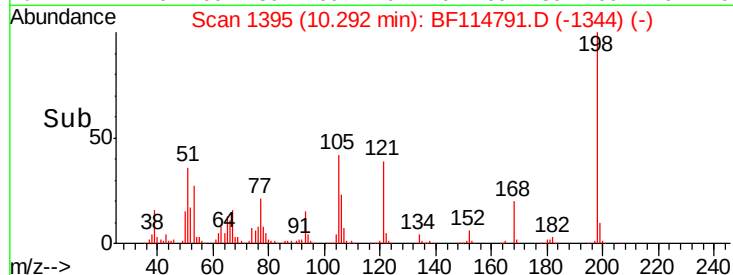
105 42.4 21.0 61.0



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 50.321 ng

RT: 10.36 min Scan# 1406

Delta R.T. 0.00 min

Lab File: BF114791.D

Acq: 4 Jun 2019 12:50

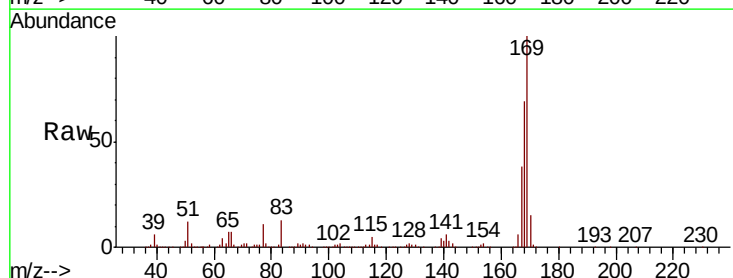
Tgt Ion:169 Resp: 2122760

Ion Ratio Lower Upper

169 100

168 69.0 54.3 81.5

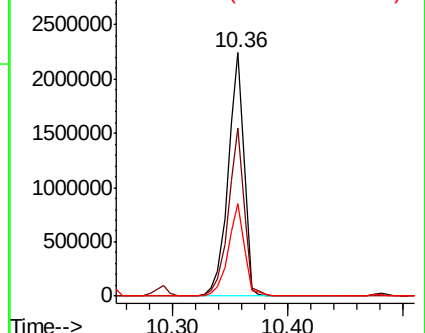
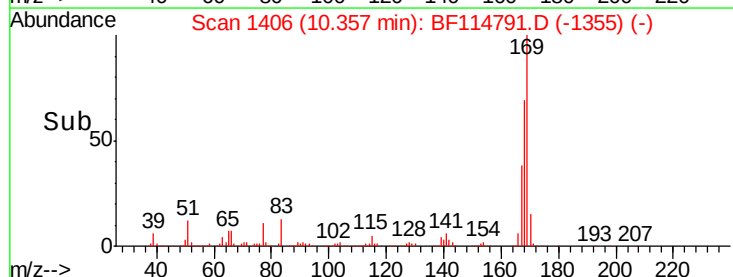
167 38.0 29.9 44.9

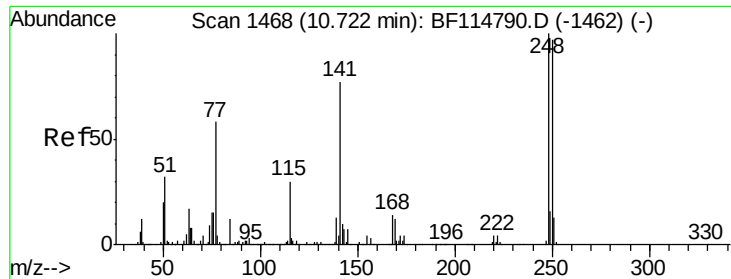


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

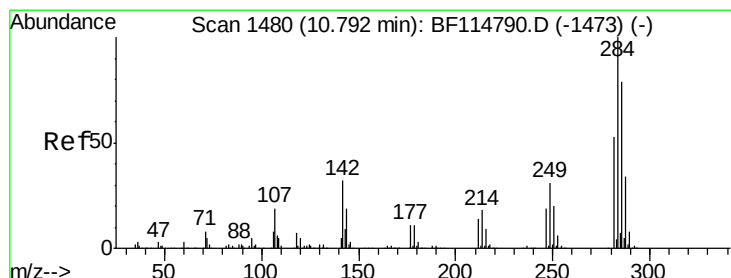
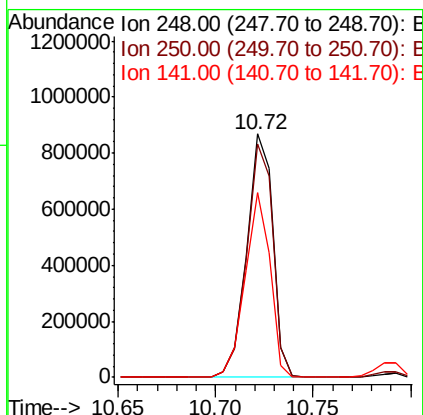
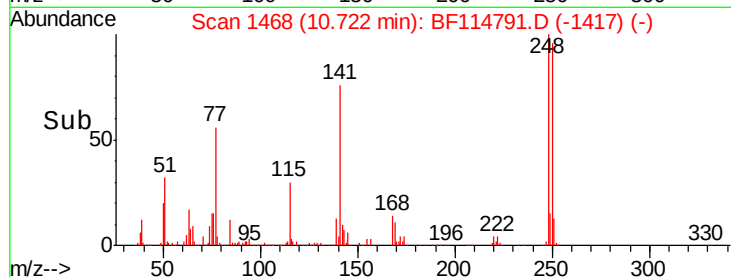
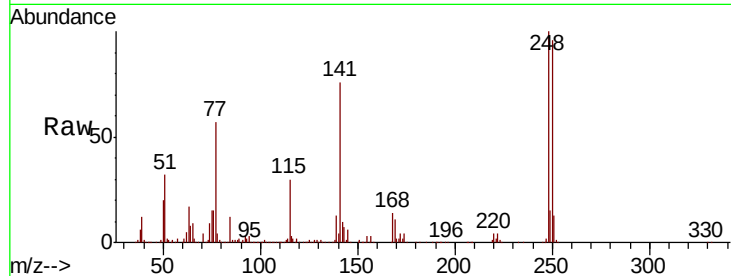




#67
4-Bromophenyl-phenylether
Concen: 50.815 ng
RT: 10.72 min Scan# 1468
Delta R.T. 0.00 min
Lab File: BF114791.D
Acq: 4 Jun 2019 12:50

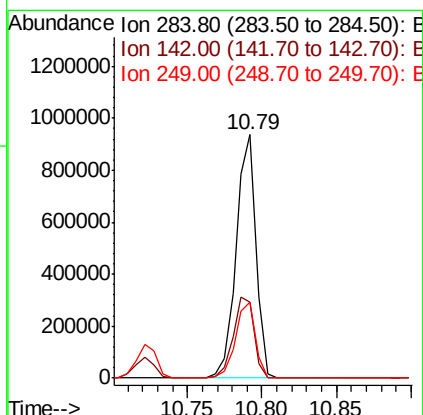
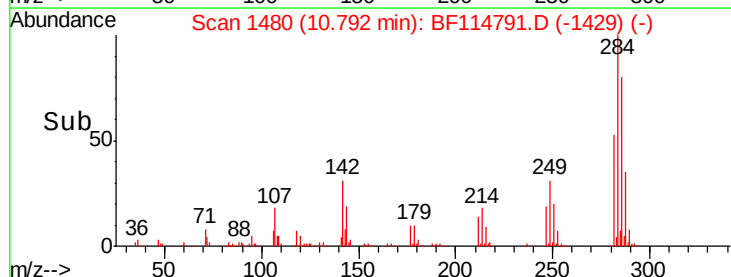
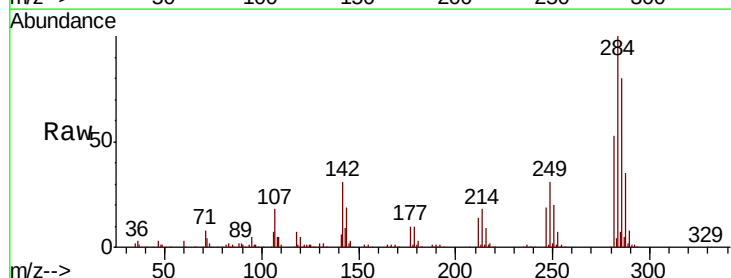
Instrument :
BNA_F
ClientSampled :

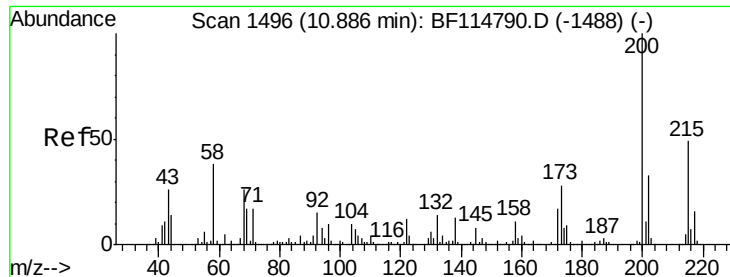
Tot Ion:248 Resp: 805832
Ion Ratio Lower Upper
248 100
250 96.0 77.5 116.3
141 75.8 61.8 92.8



#68
Hexachlorobenzene
Concen: 50.331 ng
RT: 10.79 min Scan# 1480
Delta R.T. 0.00 min
Lab File: BF114791.D
Acq: 4 Jun 2019 12:50

Tgt Ion:284 Resp: 872719
Ion Ratio Lower Upper
284 100
142 31.2 25.3 37.9
249 31.0 24.9 37.3





#69

Atrazine

Concen: 58.749 ng

RT: 10.89 min Scan# 1496

Delta R.T. 0.00 min

Lab File: BF114791.D

Acq: 4 Jun 2019 12:50

Instrument :

BNA_F

ClientSampleId :

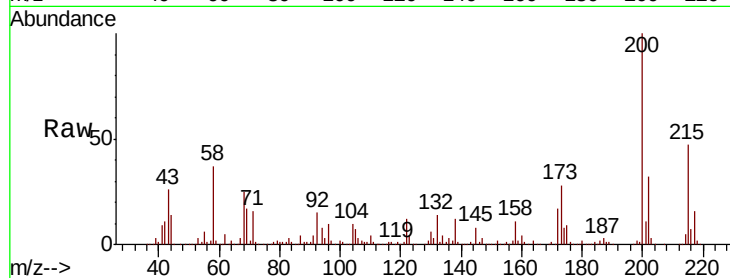
Tot Ion:200 Resp: 735885

Ion Ratio Lower Upper

200 100

173 27.9 8.0 48.0

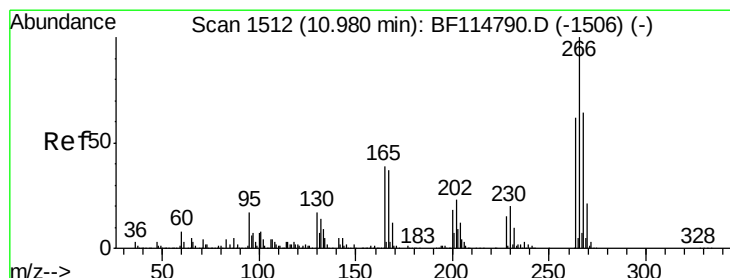
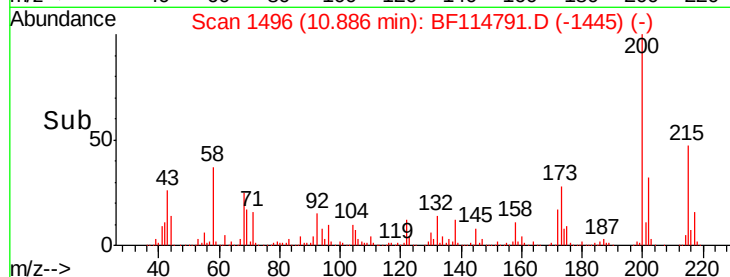
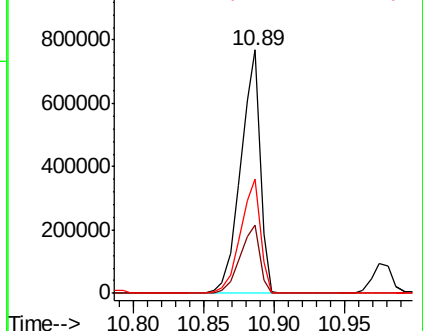
215 47.0 28.7 68.7



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 52.749 ng

RT: 10.98 min Scan# 1512

Delta R.T. 0.00 min

Lab File: BF114791.D

Acq: 4 Jun 2019 12:50

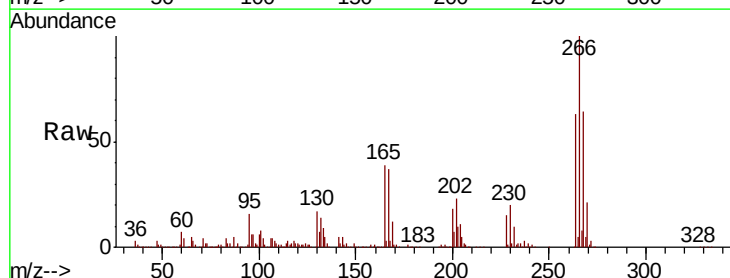
Tgt Ion:266 Resp: 521964

Ion Ratio Lower Upper

266 100

268 64.3 51.0 76.6

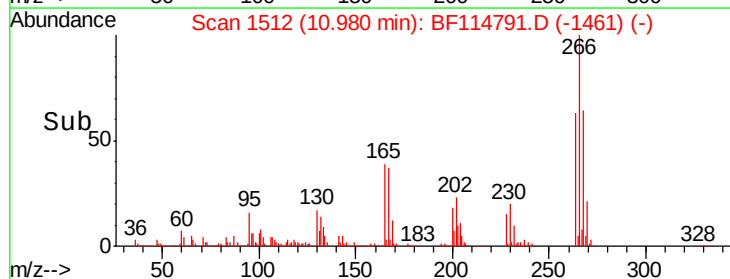
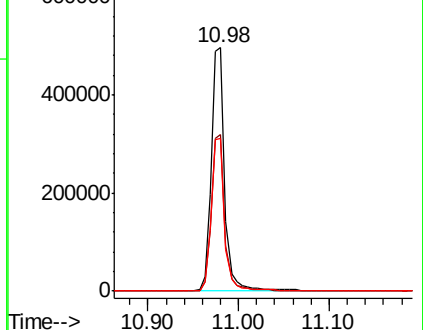
264 62.9 49.6 74.4

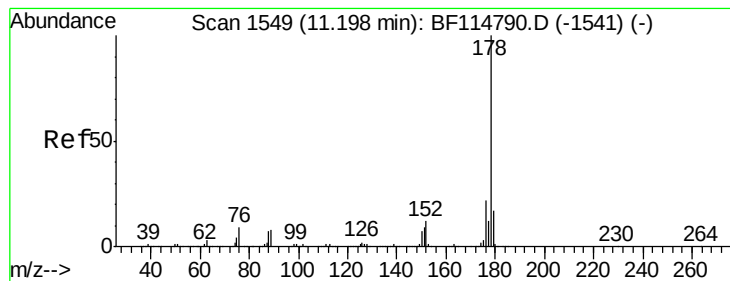


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 49.739 ng

RT: 11.20 min Scan# 1549

Delta R.T. 0.00 min

Lab File: BF114791.D

Acq: 4 Jun 2019 12:50

Instrument :

BNA_F

ClientSampleId :

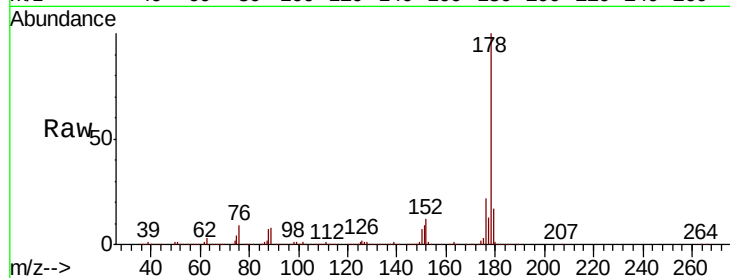
Tot Ion:178 Resp: 3314585

Ion Ratio Lower Upper

178 100

176 22.3 17.7 26.5

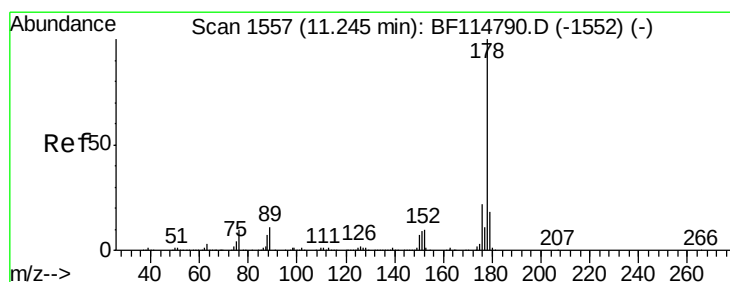
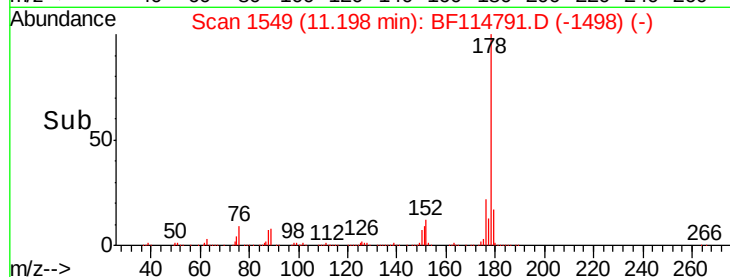
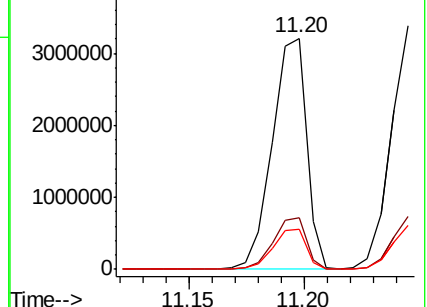
179 17.4 13.7 20.5



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 50.642 ng

RT: 11.25 min Scan# 1557

Delta R.T. 0.00 min

Lab File: BF114791.D

Acq: 4 Jun 2019 12:50

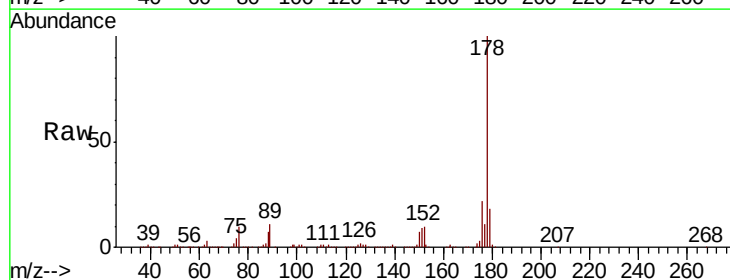
Tgt Ion:178 Resp: 3385885

Ion Ratio Lower Upper

178 100

176 21.9 17.4 26.0

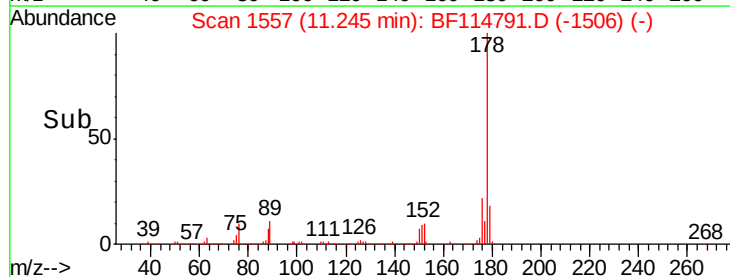
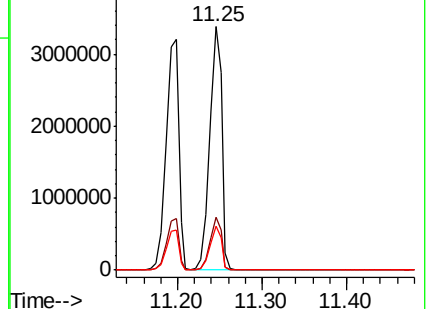
179 18.0 14.2 21.4

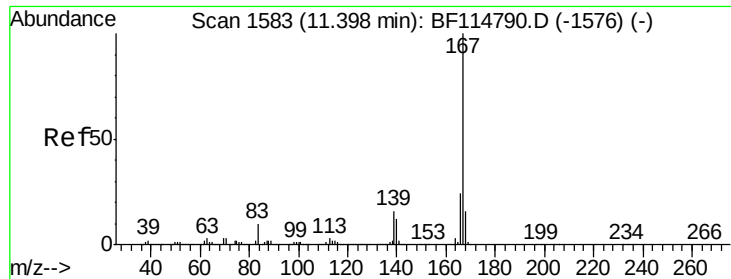


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



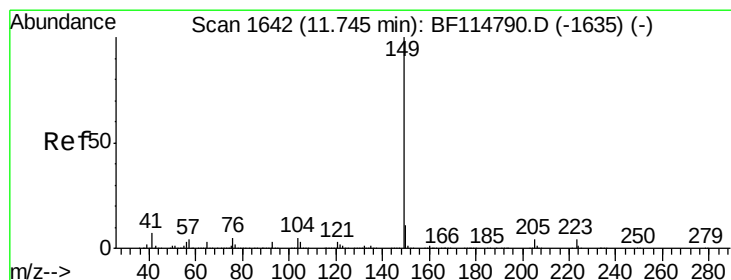
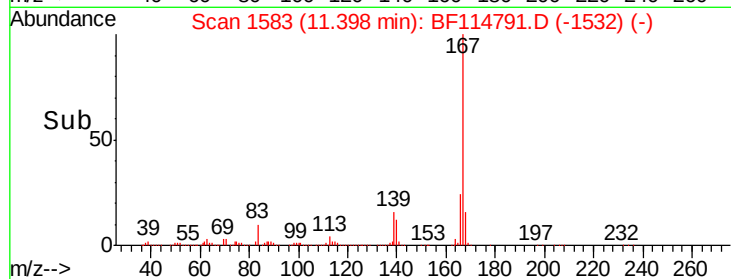
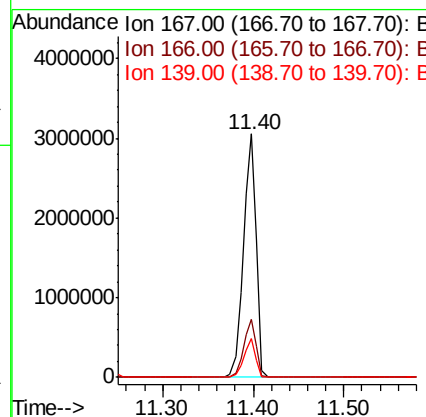
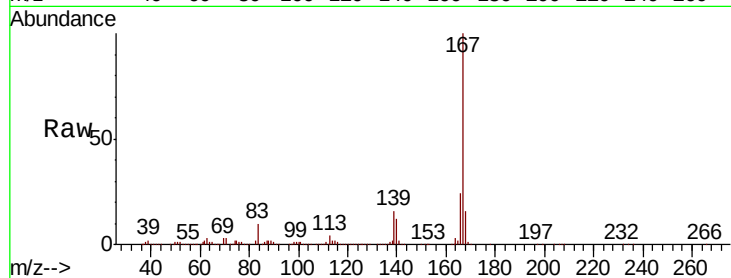


#73
 Carbazole
 Concen: 49.990 ng
 RT: 11.40 min Scan# 1583
 Delta R.T. -0.00 min
 Lab File: BF114791.D
 Acq: 4 Jun 2019 12:50

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:167 Resp: 3024977

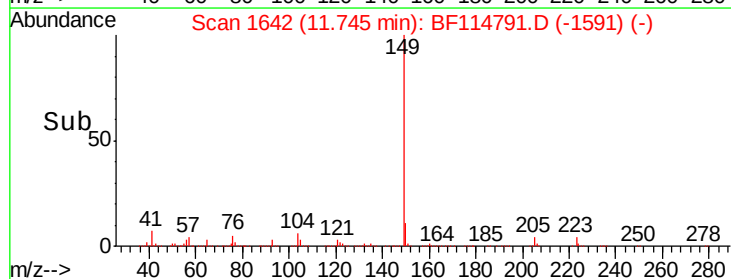
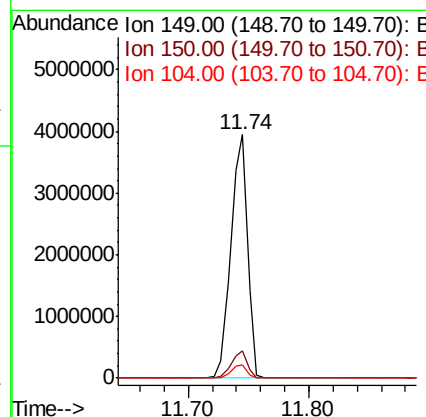
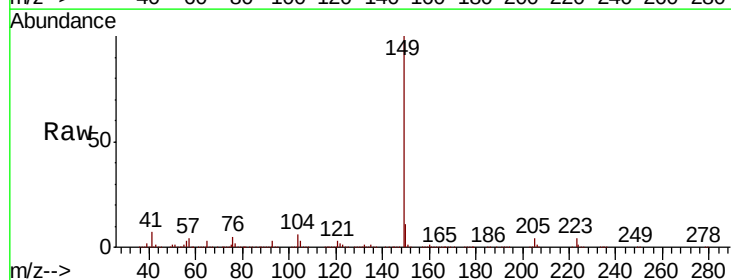
Ion	Ratio	Lower	Upper
167	100		
166	24.0	19.1	28.7
139	15.8	12.4	18.6

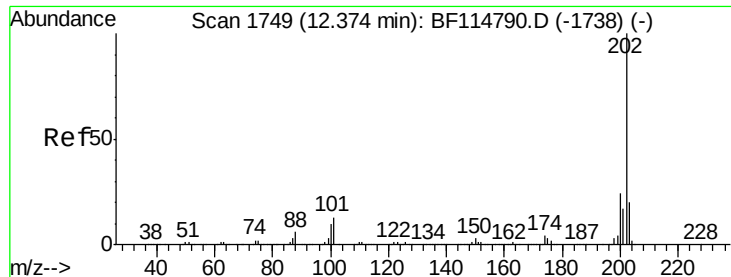


#74
 Di-n-butylphthalate
 Concen: 48.794 ng
 RT: 11.74 min Scan# 1642
 Delta R.T. 0.00 min
 Lab File: BF114791.D
 Acq: 4 Jun 2019 12:50

Tgt Ion:149 Resp: 3764065

Ion	Ratio	Lower	Upper
149	100		
150	11.4	8.9	13.3
104	5.6	4.3	6.5





#75

Fluoranthene

Concen: 50.035 ng

RT: 12.37 min Scan# 1749

Delta R.T. 0.00 min

Lab File: BF114791.D

Acq: 4 Jun 2019 12:50

Instrument :

BNA_F

ClientSampleId :

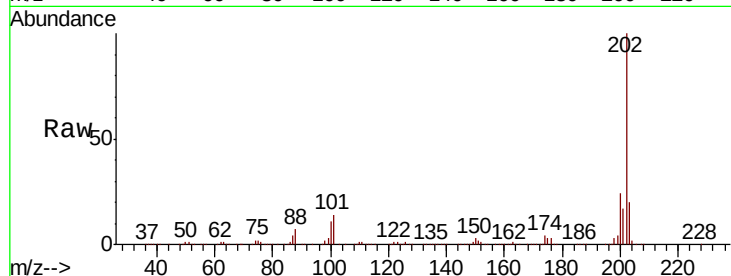
Tot Ion:202 Resp: 3352509

Ion Ratio Lower Upper

202 100

101 13.7 0.0 32.8

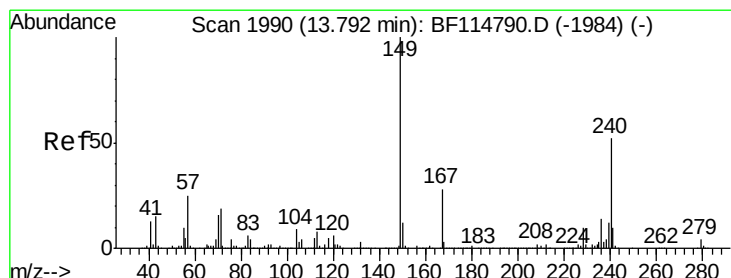
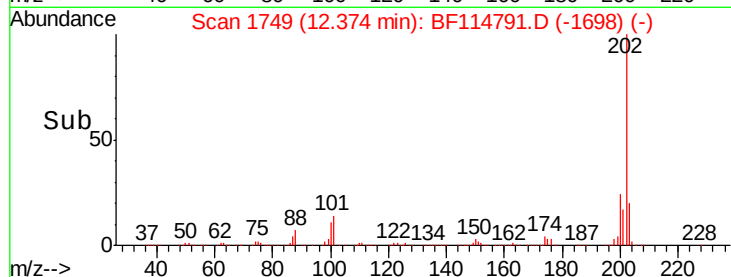
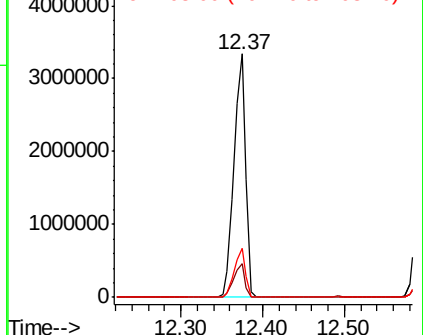
203 19.9 0.2 40.2



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.79 min Scan# 1990

Delta R.T. 0.00 min

Lab File: BF114791.D

Acq: 4 Jun 2019 12:50

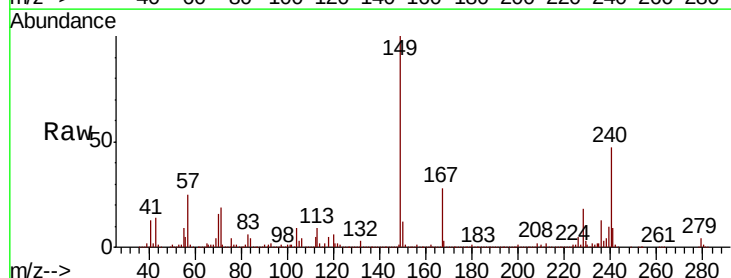
Tgt Ion:240 Resp: 823186

Ion Ratio Lower Upper

240 100

120 11.8 9.0 13.4

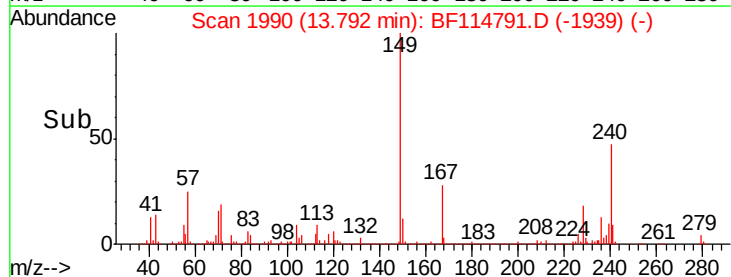
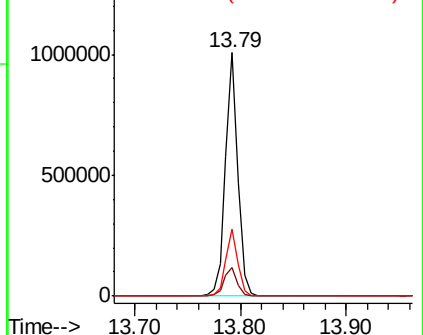
236 27.7 21.4 32.0

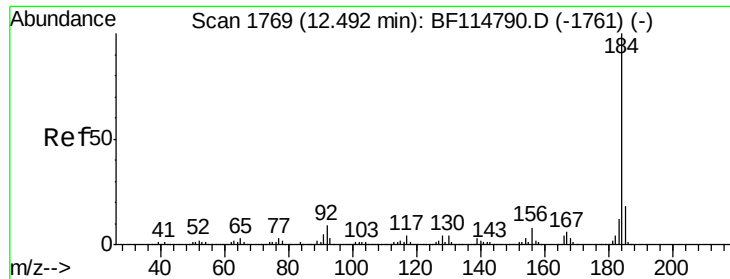


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 63.913 ng

RT: 12.50 min Scan# 1770

Delta R.T. 0.01 min

Lab File: BF114791.D

Acq: 4 Jun 2019 12:50

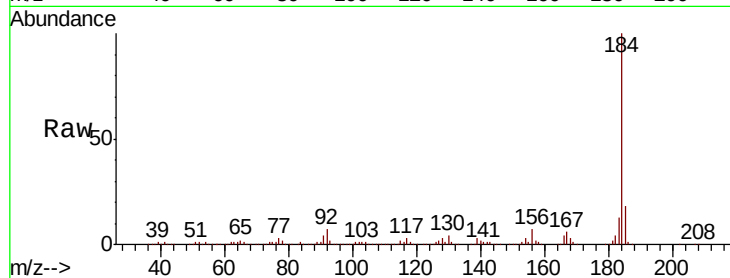
Instrument :

BNA_F

ClientSampleId :

Tot Ion:184 Resp: 2080044

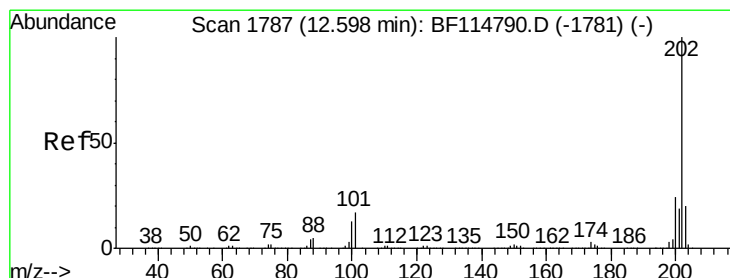
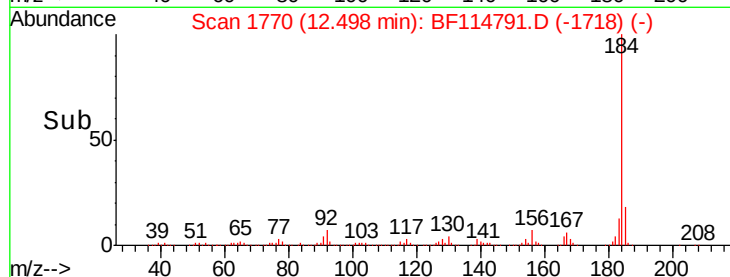
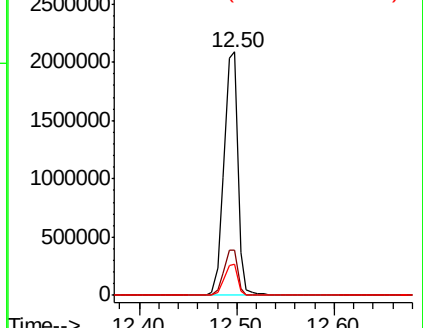
Ion	Ratio	Lower	Upper
184	100		
185	18.3	14.1	21.1
183	12.5	9.9	14.9



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 49.084 ng

RT: 12.60 min Scan# 1787

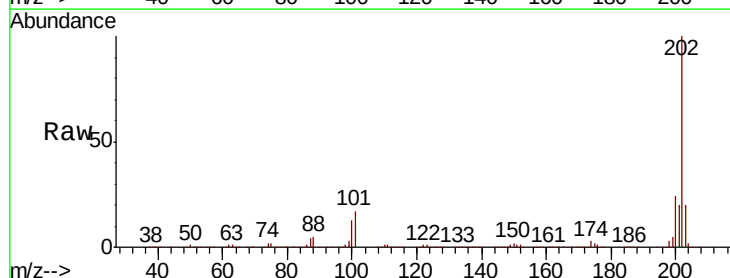
Delta R.T. 0.00 min

Lab File: BF114791.D

Acq: 4 Jun 2019 12:50

Tgt Ion:202 Resp: 3372129

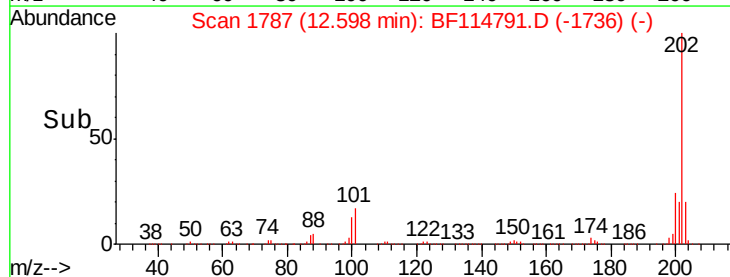
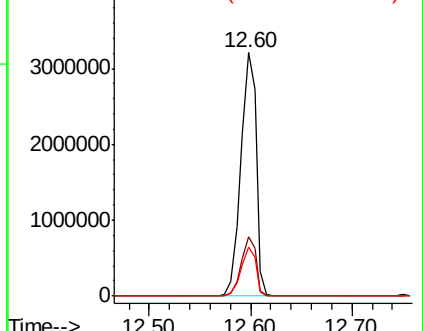
Ion	Ratio	Lower	Upper
202	100		
200	24.1	19.2	28.8
203	20.2	15.9	23.9

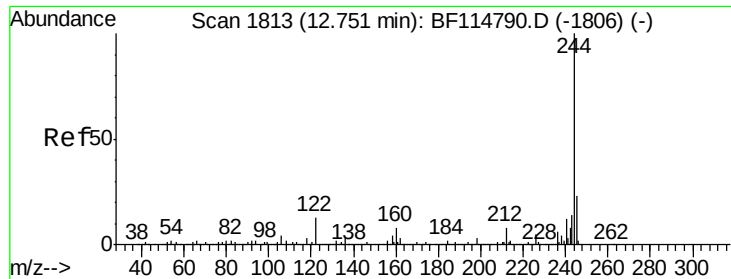


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 89.065 ng

RT: 12.75 min Scan# 1813

Delta R.T. 0.00 min

Lab File: BF114791.D

Acq: 4 Jun 2019 12:50

Instrument :

BNA_F

ClientSampleId :

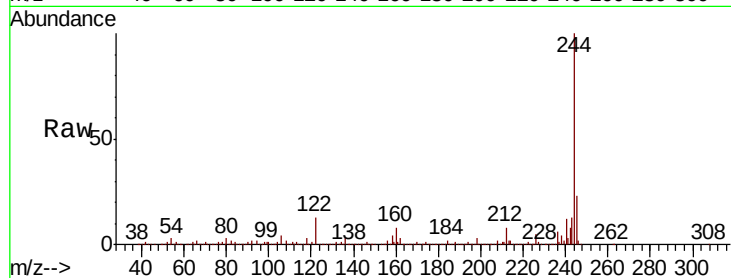
Tot Ion:244 Resp: 3950437

Ion Ratio Lower Upper

244 100

212 8.1 6.5 9.7

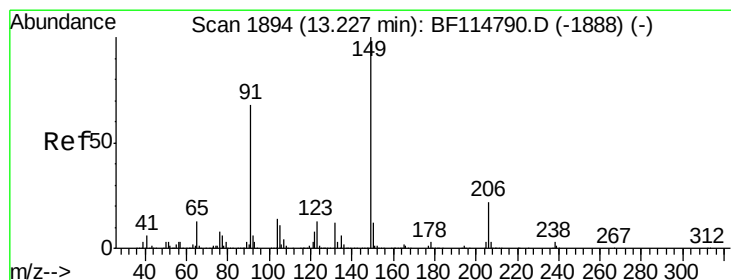
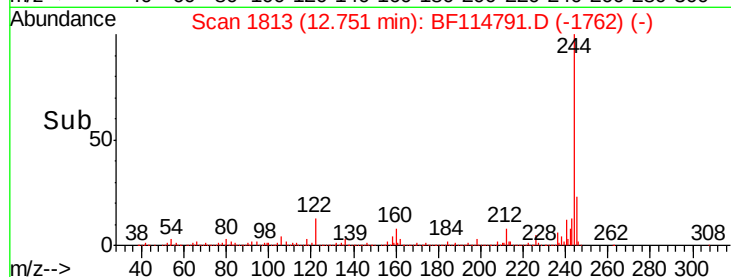
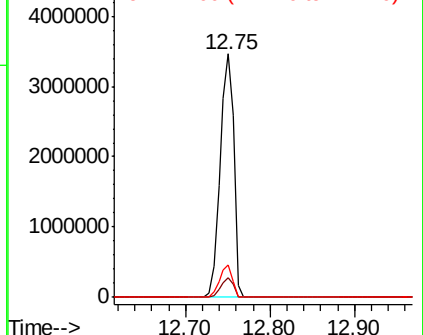
122 13.4 10.5 15.7



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 49.934 ng

RT: 13.23 min Scan# 1894

Delta R.T. 0.00 min

Lab File: BF114791.D

Acq: 4 Jun 2019 12:50

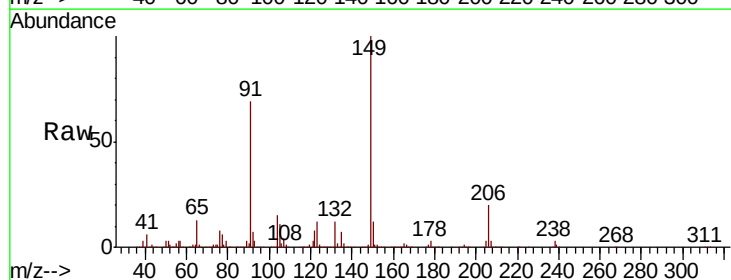
Tgt Ion:149 Resp: 1763657

Ion Ratio Lower Upper

149 100

91 68.9 54.6 82.0

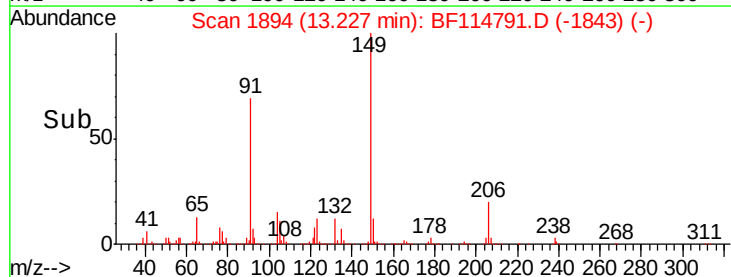
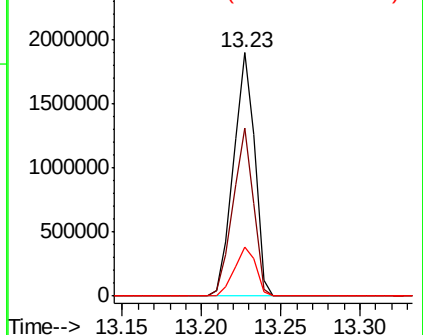
206 20.1 17.2 25.8

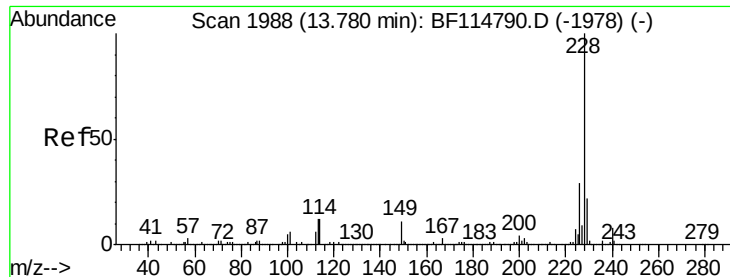


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 50.038 ng

RT: 13.78 min Scan# 1988

Delta R.T. -0.00 min

Lab File: BF114791.D

Acq: 4 Jun 2019 12:50

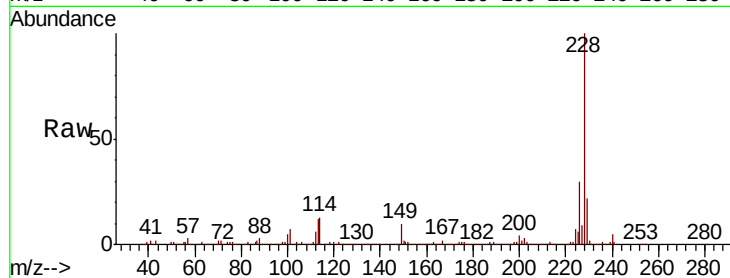
Instrument :

BNA_F

ClientSampleId :

Tot Ion:228 Resp: 3074664

Ion	Ratio	Lower	Upper
228	100		
226	29.9	23.4	35.2
229	21.6	17.4	26.0

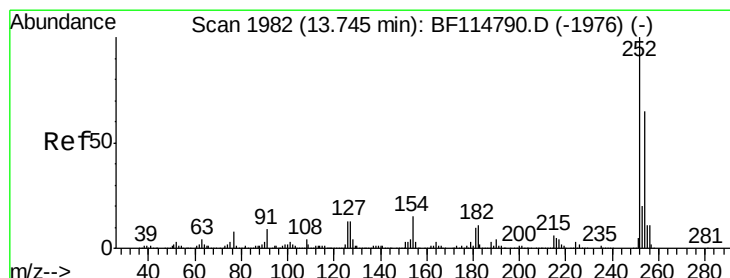
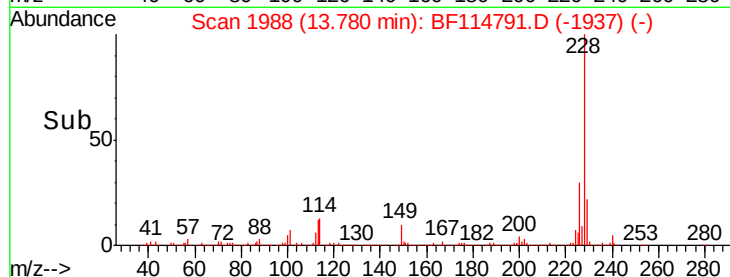
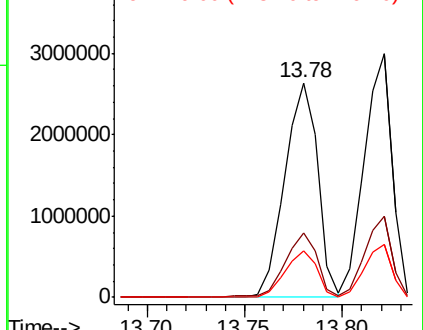


Abundance

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: 51.846 ng

RT: 13.75 min Scan# 1983

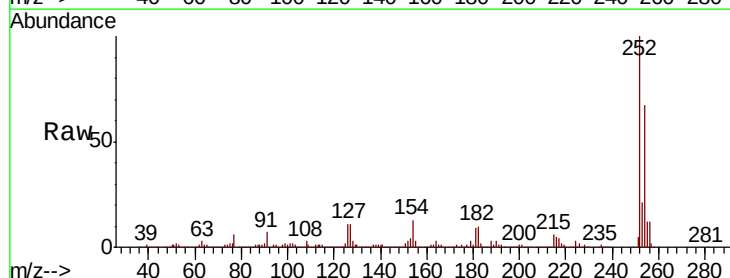
Delta R.T. 0.01 min

Lab File: BF114791.D

Acq: 4 Jun 2019 12:50

Tgt Ion:252 Resp: 1263570

Ion	Ratio	Lower	Upper
252	100		
254	66.9	51.9	77.9
126	10.9	10.5	15.7

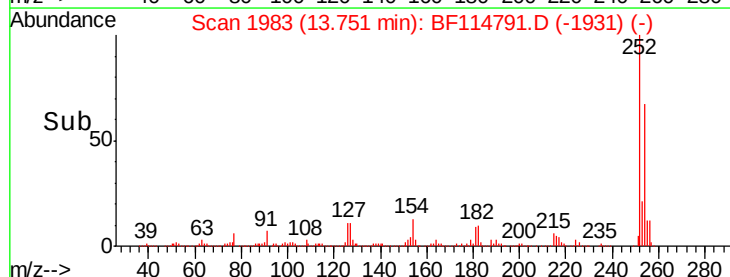
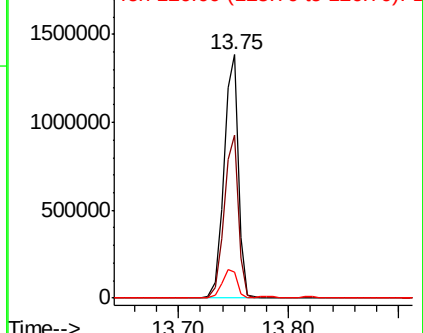


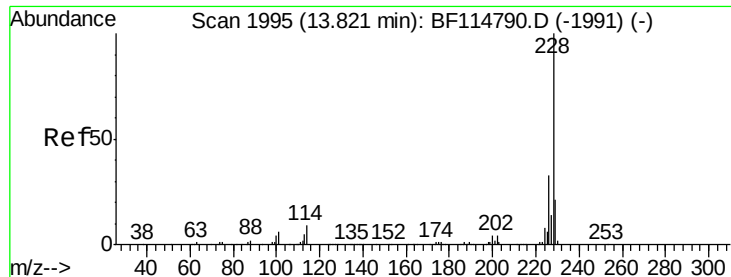
Abundance

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: 50.002 ng

RT: 13.82 min Scan# 1995

Delta R.T. 0.00 min

Lab File: BF114791.D

Acq: 4 Jun 2019 12:50

Instrument :

BNA_F

ClientSampleId :

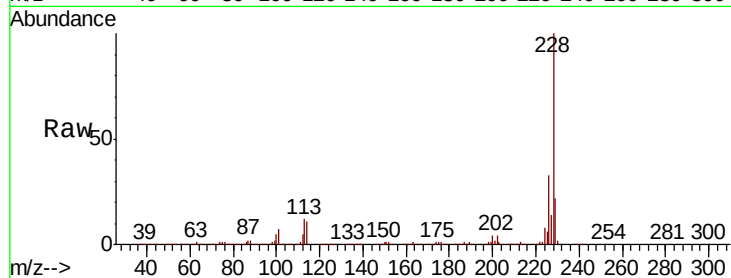
Tot Ion:228 Resp: 2963141

Ion Ratio Lower Upper

228 100

226 33.3 26.0 39.0

229 21.6 17.1 25.7

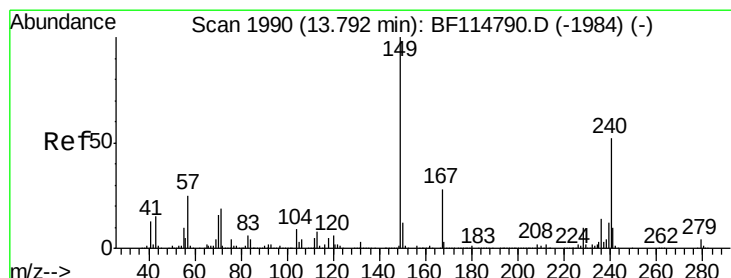
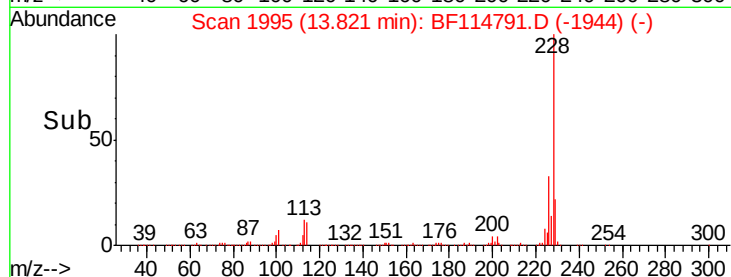
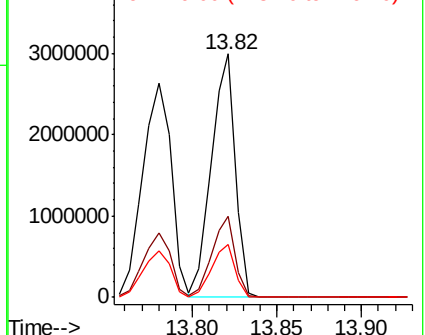


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 50.100 ng

RT: 13.79 min Scan# 1990

Delta R.T. 0.00 min

Lab File: BF114791.D

Acq: 4 Jun 2019 12:50

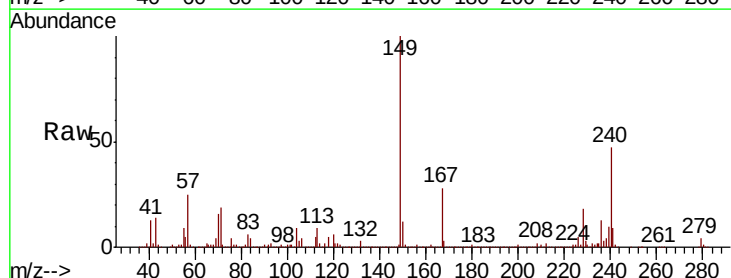
Tgt Ion:149 Resp: 2217423

Ion Ratio Lower Upper

149 100

167 28.1 22.7 34.1

279 3.9 3.1 4.7

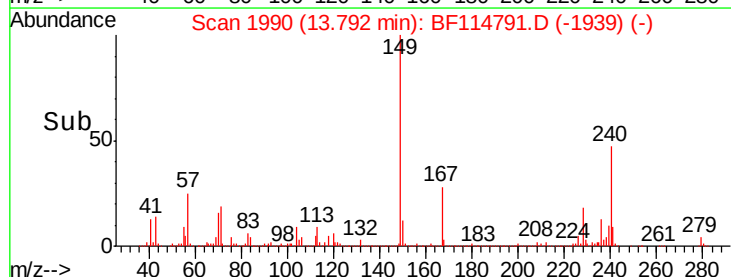
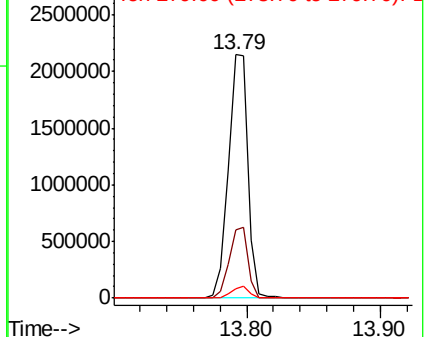


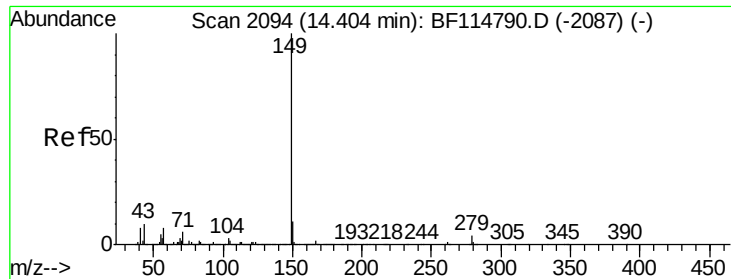
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 50.528 ng

RT: 14.41 min Scan# 2095

Delta R.T. 0.01 min

Lab File: BF114791.D

Acq: 4 Jun 2019 12:50

Instrument :

BNA_F

ClientSampleId :

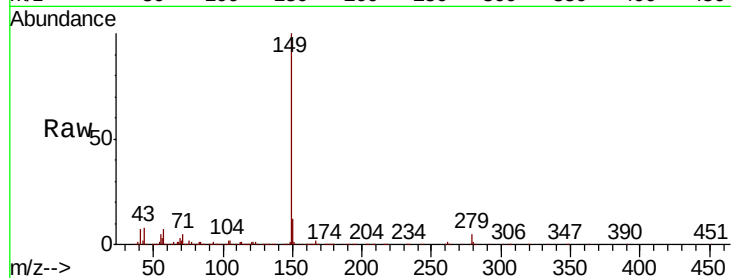
Tot Ion:149 Resp: 3798693

Ion Ratio Lower Upper

149 100

167 1.7 1.4 2.0

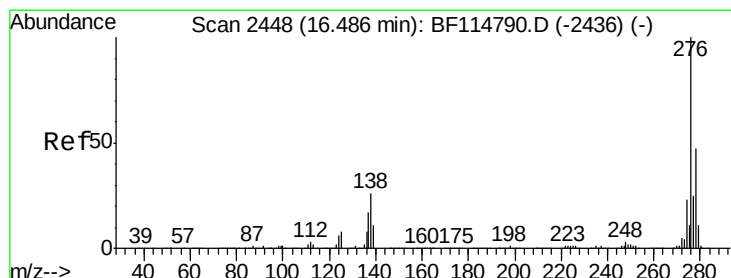
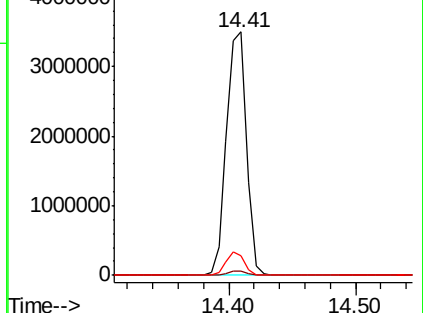
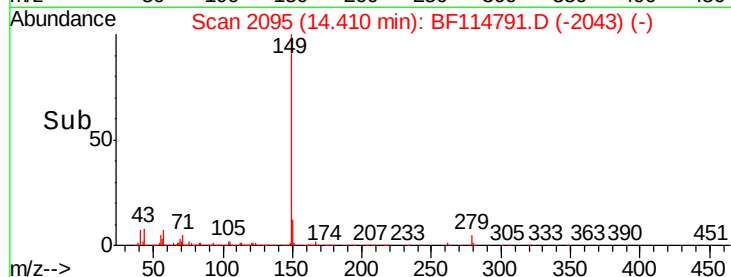
43 8.8 7.0 10.6



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 50.659 ng

RT: 16.49 min Scan# 2449

Delta R.T. 0.01 min

Lab File: BF114791.D

Acq: 4 Jun 2019 12:50

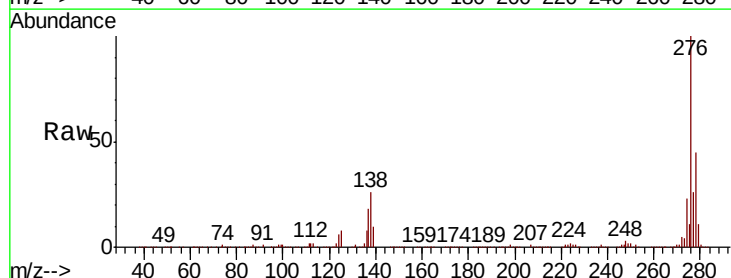
Tgt Ion:276 Resp: 3528582

Ion Ratio Lower Upper

276 100

138 27.8 22.2 33.4

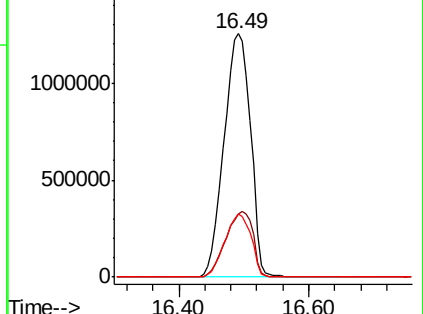
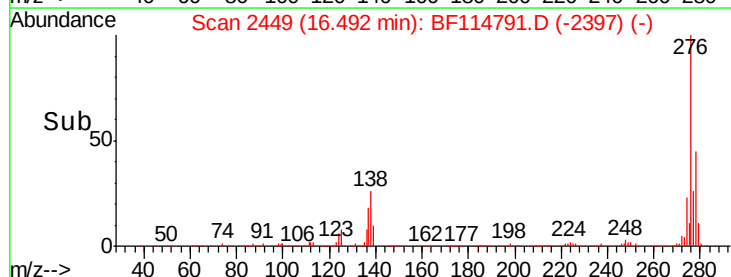
277 25.7 20.6 30.8

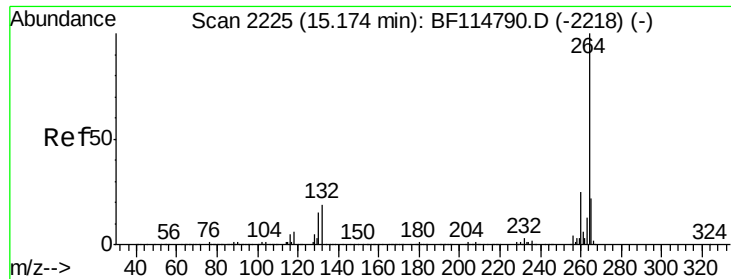


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.17 min Scan# 2225

Delta R.T. 0.00 min

Lab File: BF114791.D

Acq: 4 Jun 2019 12:50

Instrument :

BNA_F

ClientSampleId :

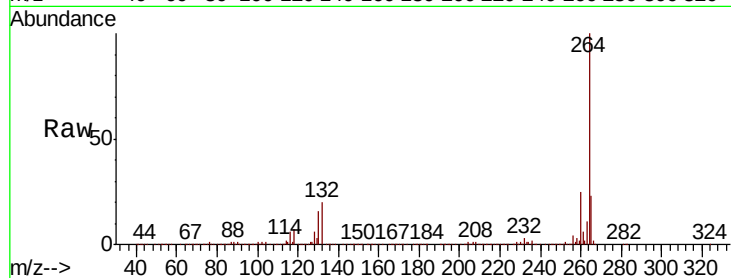
Tot Ion:264 Resp: 1099983

Ion Ratio Lower Upper

264 100

260 24.8 20.1 30.1

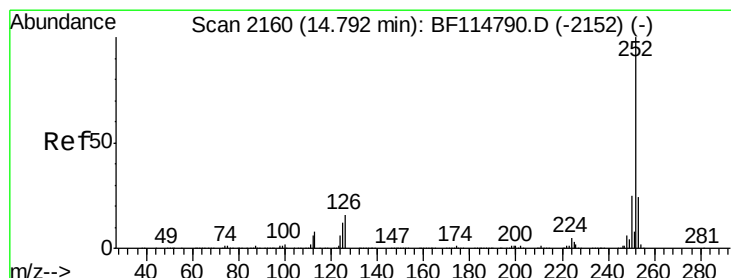
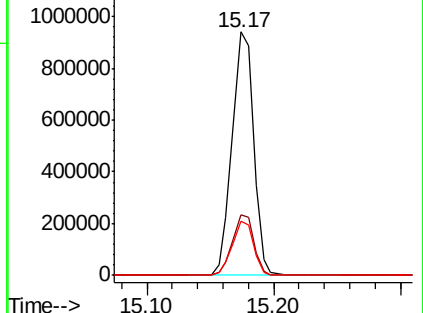
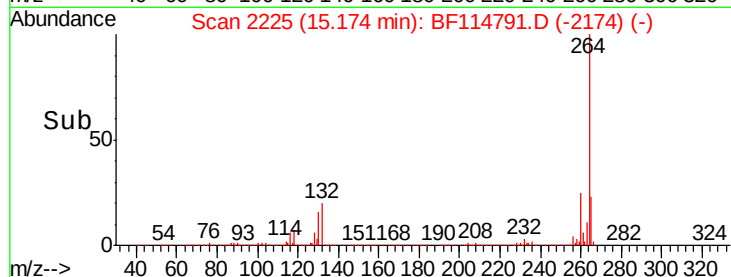
265 22.5 17.7 26.5



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 49.736 ng

RT: 14.80 min Scan# 2161

Delta R.T. 0.01 min

Lab File: BF114791.D

Acq: 4 Jun 2019 12:50

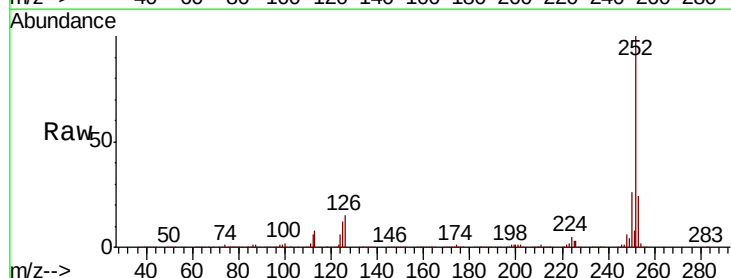
Tgt Ion:252 Resp: 3321580

Ion Ratio Lower Upper

252 100

253 24.1 19.0 28.6

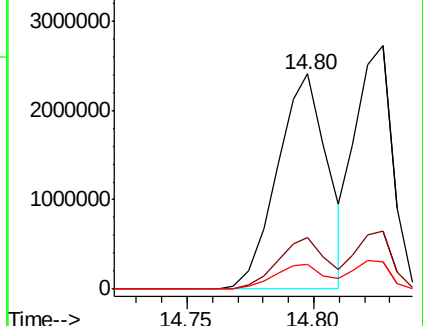
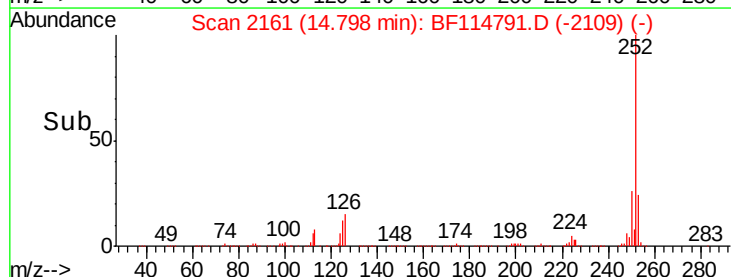
125 11.7 9.4 14.0

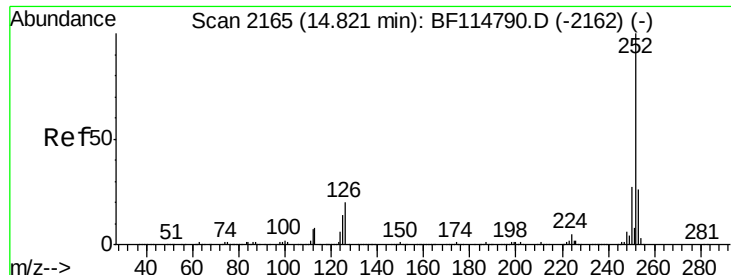


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

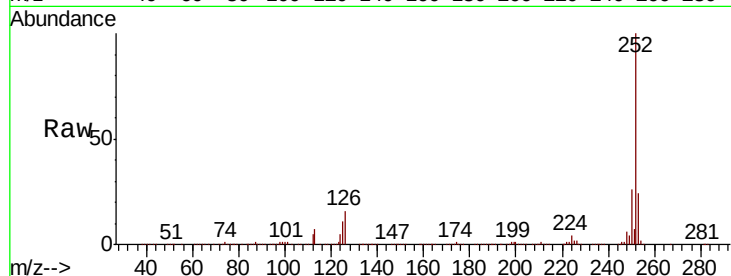




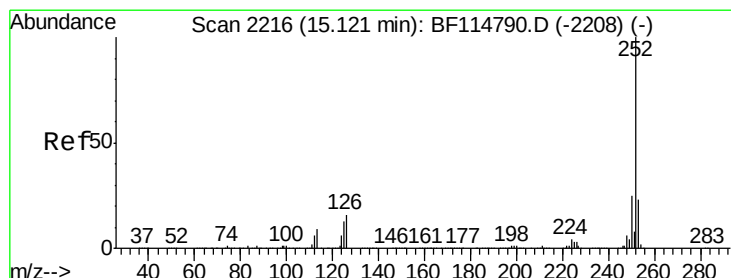
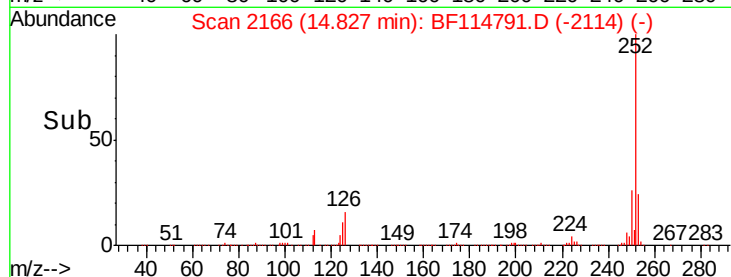
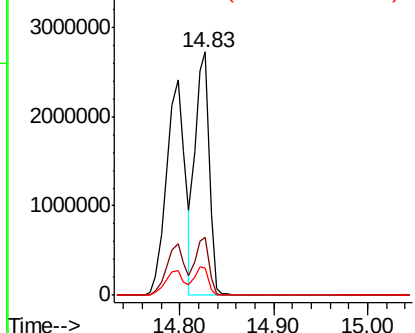
#89
Benzo(k)fluoranthene
Concen: 49.778 ng
RT: 14.83 min Scan# 2166
Delta R.T. 0.01 min
Lab File: BF114791.D
Acq: 4 Jun 2019 12:50

Instrument :
BNA_F
ClientSampleId :

Tot Ion:252 Resp: 2785461
Ion Ratio Lower Upper
252 100
253 23.8 19.3 28.9
125 11.0 10.1 15.1

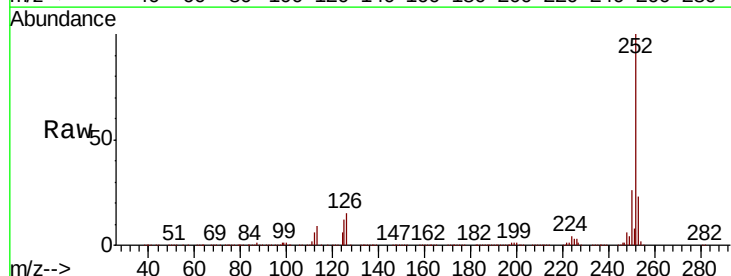


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

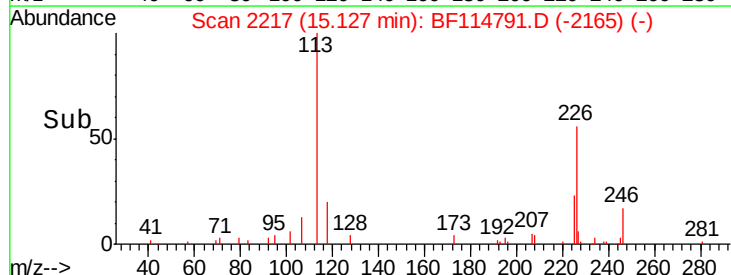
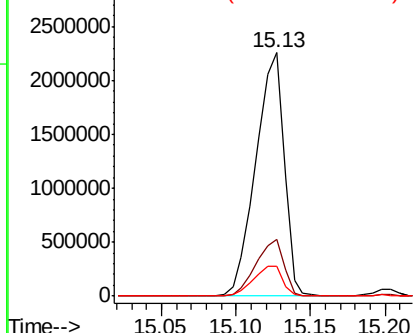


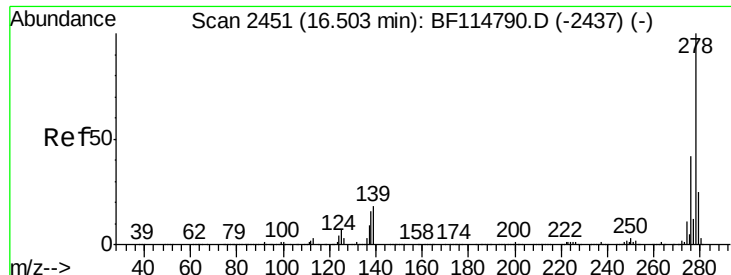
#90
Benzo(a)pyrene
Concen: 50.382 ng
RT: 15.13 min Scan# 2217
Delta R.T. 0.01 min
Lab File: BF114791.D
Acq: 4 Jun 2019 12:50

Tgt Ion:252 Resp: 2961566
Ion Ratio Lower Upper
252 100
253 23.4 18.5 27.7
125 12.2 10.1 15.1



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

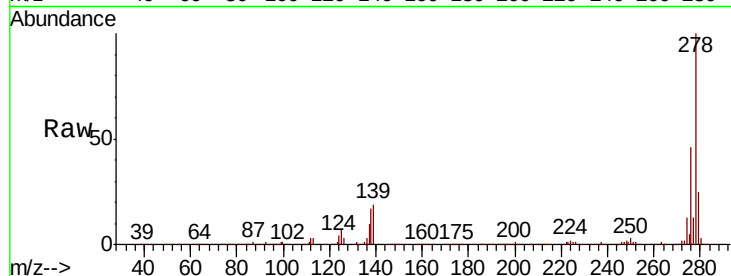




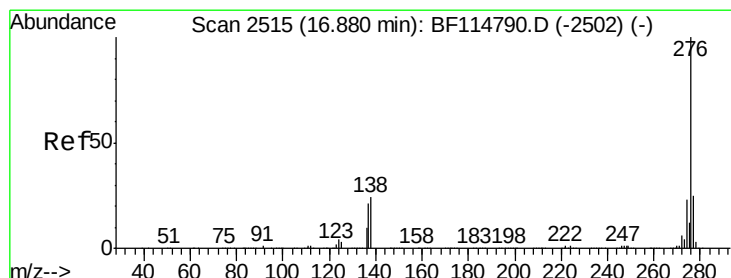
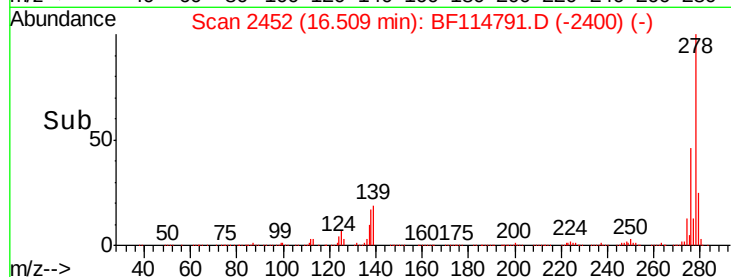
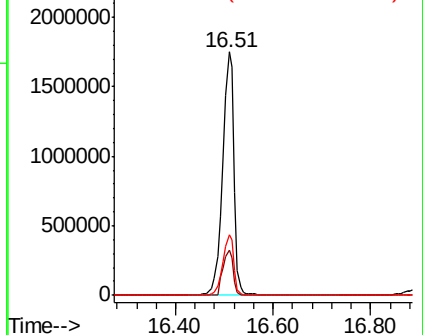
#91
Dibenzo(a,h)anthracene
Concen: 50.637 ng
RT: 16.51 min Scan# 2452
Delta R.T. 0.01 min
Lab File: BF114791.D
Acq: 4 Jun 2019 12:50

Instrument :
BNA_F
ClientSampleId :

Tot Ion:278 Resp: 2825281
Ion Ratio Lower Upper
278 100
139 18.7 14.6 22.0
279 25.1 20.1 30.1

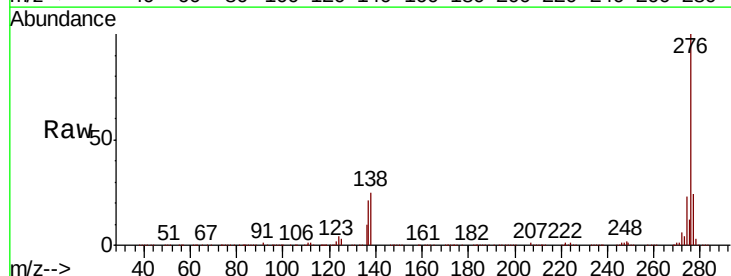


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 51.372 ng
RT: 16.89 min Scan# 2516
Delta R.T. 0.01 min
Lab File: BF114791.D
Acq: 4 Jun 2019 12:50

Tgt Ion:276 Resp: 2898275
Ion Ratio Lower Upper
276 100
277 23.9 19.8 29.6
138 25.2 19.4 29.2



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

