

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070519\
 Data File : BF115386.D
 Acq On : 5 Jul 2019 9:46
 Operator : HP/JU
 Sample : SSTDICCC040
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 05 11:48:35 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF070519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 05 11:41:25 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	179517	20.00	ng	0.00
21) Naphthalene-d8	8.18	136	761886	20.00	ng	0.00
39) Acenaphthene-d10	9.93	164	386005	20.00	ng	0.00
64) Phenanthrene-d10	11.42	188	763728	20.00	ng	0.00
76) Chrysene-d12	14.07	240	566019	20.00	ng	0.00
87) Perylene-d12	15.56	264	583452	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.52	112	903592	77.67	ng	0.00
7) Phenol-d6	6.52	99	1158785	82.07	ng	0.00
23) Nitrobenzene-d5	7.46	82	1009343	81.50	ng	0.00
42) 2,4,6-Tribromophenol	10.72	330	343022	84.27	ng	0.00
45) 2-Fluorobiphenyl	9.26	172	1809223	79.62	ng	0.00
79) Terphenyl-d14	13.00	244	2082826	78.24	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.70	88	218204	39.745	ng	100
3) Pyridine	3.45	79	598296	38.664	ng	100
4) n-Nitrosodimethylamine	3.40	42	248136	40.904	ng	100
6) Aniline	6.56	93	824623	42.494	ng	100
8) 2-Chlorophenol	6.68	128	520924	39.824	ng	100
9) Benzaldehyde	6.45	77	336730	36.554	ng	100
10) Phenol	6.53	94	647634	39.157	ng	100
11) bis(2-Chloroethyl)ether	6.63	93	516099	42.332	ng	100
12) 1,3-Dichlorobenzene	6.84	146	566250	39.006	ng	100
13) 1,4-Dichlorobenzene	6.92	146	562235	38.622	ng	100
14) 1,2-Dichlorobenzene	7.07	146	523200	38.810	ng	100
15) Benzyl Alcohol	7.03	79	471088	45.819	ng	100
16) 2,2'-oxybis(1-Chloropropan	7.17	45	715037	40.437	ng	100
17) 2-Methylphenol	7.14	107	442429	40.977	ng	100
18) Hexachloroethane	7.42	117	209666	39.950	ng	100
19) n-Nitroso-di-n-propylamine	7.32	70	390040	43.148	ng	100
20) 3+4-Methylphenols	7.30	107	535413	42.946	ng	100
22) Acetophenone	7.30	105	715341	41.012	ng	100
24) Nitrobenzene	7.47	77	572143	41.932	ng	100
25) Isophorone	7.72	82	1072898	42.287	ng	100
26) 2-Nitrophenol	7.79	139	237200	35.202	ng	100
27) 2,4-Dimethylphenol	7.83	122	439753	39.859	ng	100
28) bis(2-Chloroethoxy)methane	7.93	93	662616	41.320	ng	100
29) 2,4-Dichlorophenol	8.03	162	443318	38.937	ng	100
30) 1,2,4-Trichlorobenzene	8.12	180	492022	39.123	ng	100
31) Naphthalene	8.20	128	1481040	39.601	ng	100
32) Benzoic acid	7.95	122	321604	40.838	ng	100
33) 4-Chloroaniline	8.25	127	658344	38.517	ng	100
34) Hexachlorobutadiene	8.33	225	280252	40.664	ng	100
35) Caprolactam	8.62	113	146922	38.382	ng	100
36) 4-Chloro-3-methylphenol	8.72	107	475591	41.247	ng	100
37) 2-Methylnaphthalene	8.89	142	999810	39.649	ng	100
38) 1-Methylnaphthalene	8.99	142	949537	39.427	ng	100
40) 1,2,4,5-Tetrachlorobenzene	9.06	216	435919	39.964	ng	100

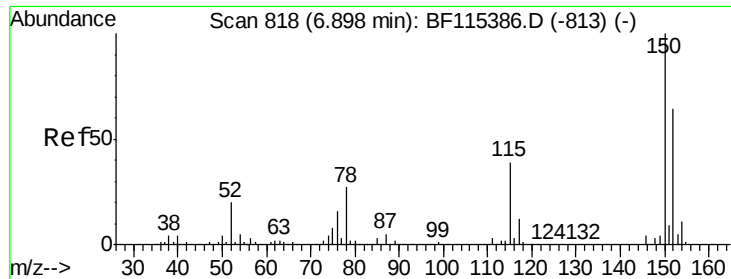
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070519\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.05	237	250048	38.660	ng	100
43) 2,4,6-Trichlorophenol	9.16	196	318316	37.799	ng	100
44) 2,4,5-Trichlorophenol	9.20	196	330996	38.167	ng	100
46) 1,1'-Biphenyl	9.36	154	1184316	38.345	ng	100
47) 2-Chloronaphthalene	9.38	162	984009	39.277	ng	100
48) 2-Nitroaniline	9.47	65	300119	41.089	ng	100
49) Acenaphthylene	9.80	152	1488202	38.126	ng	100
50) Dimethylphthalate	9.66	163	1143445	40.263	ng	100
51) 2,6-Dinitrotoluene	9.71	165	252769	38.553	ng	100
52) Acenaphthene	9.97	154	944984	38.689	ng	100
53) 3-Nitroaniline	9.88	138	296942	37.113	ng	100
54) 2,4-Dinitrophenol	9.98	184	86486	29.903	ng	100
55) Dibenzofuran	10.14	168	1323709	37.759	ng	100
56) 4-Nitrophenol	10.03	139	231702	36.122	ng	100
57) 2,4-Dinitrotoluene	10.12	165	326507	38.568	ng	100
58) Fluorene	10.48	166	985982	37.788	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.25	232	292052	40.162	ng	100
60) Diethylphthalate	10.36	149	1142036	40.005	ng	100
61) 4-Chlorophenyl-phenylether	10.47	204	496816	39.928	ng	100
62) 4-Nitroaniline	10.50	138	295564	36.823	ng	100
63) Azobenzene	10.63	77	1172726	43.982	ng	100
65) 4,6-Dinitro-2-methylphenol	10.52	198	133181	35.016	ng	100
66) n-Nitrosodiphenylamine	10.59	169	936441	39.357	ng	100
67) 4-Bromophenyl-phenylether	10.96	248	330270	39.886	ng	100
68) Hexachlorobenzene	11.03	284	372372	41.431	ng	100
69) Atrazine	11.12	200	302445	39.515	ng	100
70) Pentachlorophenol	11.22	266	236781	41.353	ng	100
71) Phenanthrene	11.45	178	1563833	38.031	ng	100
72) Anthracene	11.49	178	1570776	37.843	ng	100
73) Carbazole	11.65	167	1449265	39.100	ng	100
74) Di-n-butylphthalate	11.98	149	1757503	41.034	ng	100
75) Fluoranthene	12.63	202	1665799	40.602	ng	100
77) Benzidine	12.74	184	861886	34.292	ng	100
78) Pyrene	12.86	202	1683963	38.713	ng	100
80) Butylbenzylphthalate	13.47	149	755440	39.353	ng	100
81) Benzo(a)anthracene	14.06	228	1404217	34.575	ng	100
82) 3,3'-Dichlorobenzidine	14.02	252	542960	37.021	ng	100
83) Chrysene	14.10	228	1457101	39.166	ng	100
84) Bis(2-ethylhexyl)phthalate	14.05	149	907589	36.082	ng	100
85) Di-n-octyl phthalate	14.69	149	1680238	39.757	ng	100
86) Indeno(1,2,3-cd)pyrene	17.05	276	1236997	28.099	ng	# 100
88) Benzo(b)fluoranthene	15.13	252	1507322	41.403	ng	100
89) Benzo(k)fluoranthene	15.17	252	1266510	38.793	ng	100
90) Benzo(a)pyrene	15.50	252	1268634	38.663	ng	100
91) Dibenzo(a,h)anthracene	17.07	278	1024940	33.459	ng	100
92) Benzo(g,h,i)perylene	17.50	276	931759	30.053	ng	100

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

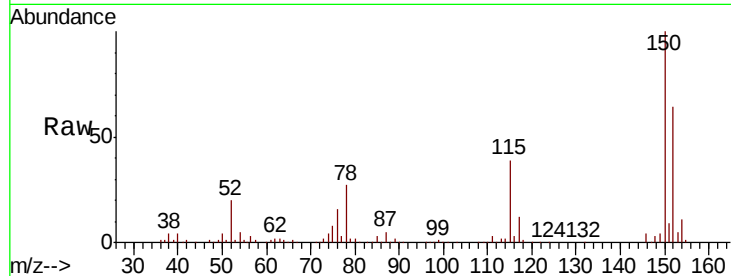


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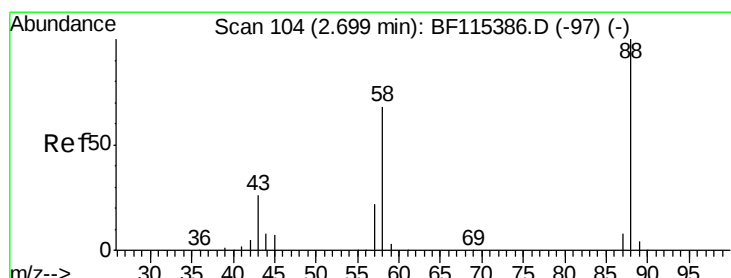
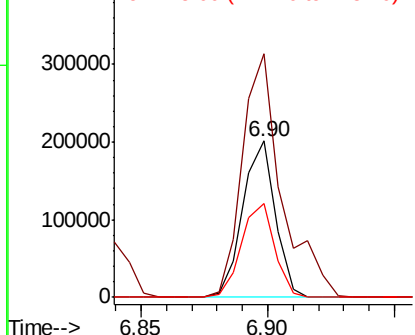
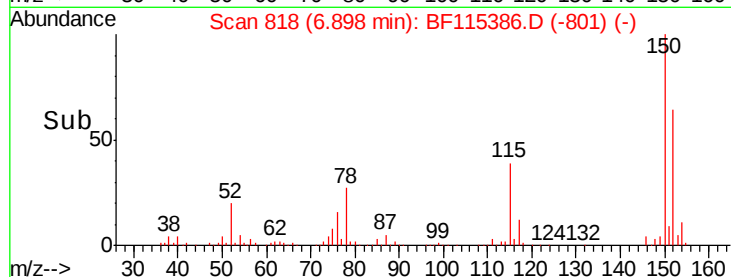
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.90 min Scan# 818
Delta R.T. 0.00 min
Lab File: BF115386.D
Acq: 5 Jul 2019 9:46

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 179517
Ion Ratio Lower Upper
152 100
150 155.9 124.7 187.1
115 60.1 48.1 72.1



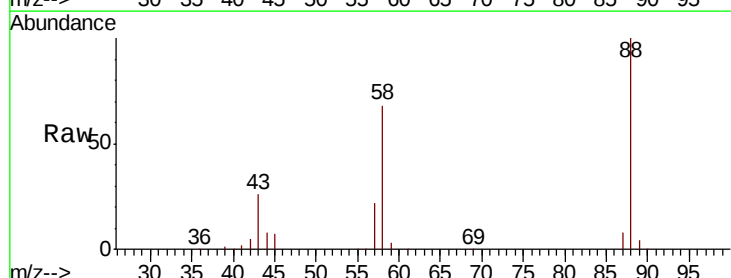
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



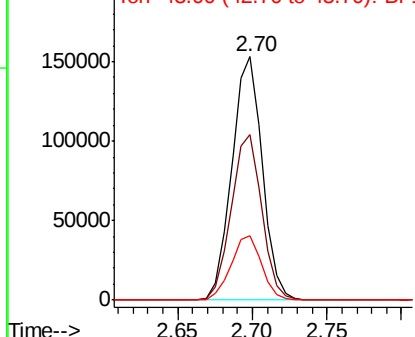
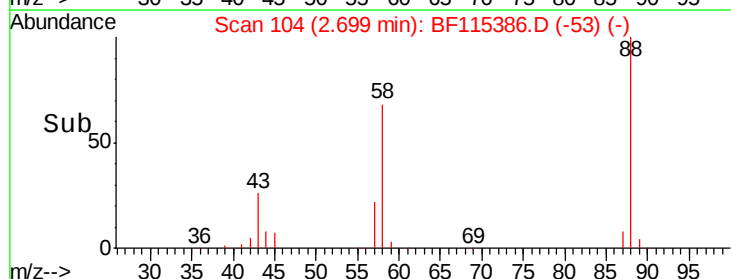
#2

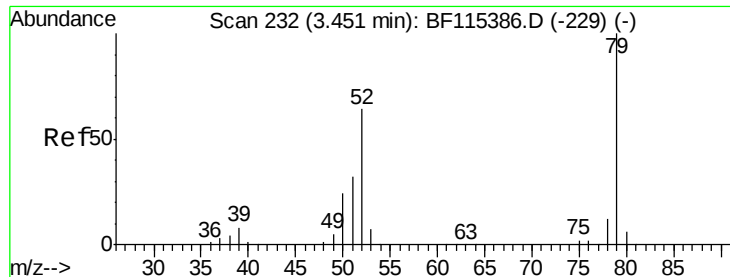
1,4-Dioxane
Concen: 39.745 ng
RT: 2.70 min Scan# 104
Delta R.T. 0.00 min
Lab File: BF115386.D
Acq: 5 Jul 2019 9:46

Tgt Ion: 88 Resp: 218204
Ion Ratio Lower Upper
88 100
58 68.2 54.6 82.0
43 26.6 21.4 32.0



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: 38.664 ng

RT: 3.45 min Scan# 232

Delta R.T. 0.00 min

Lab File: BF115386.D

Acq: 5 Jul 2019 9:46

Instrument :

BNA_F

ClientSampleId :

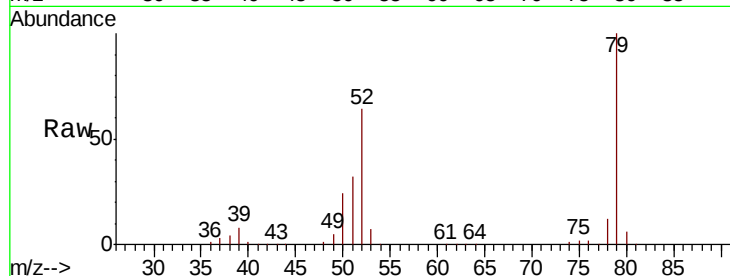
Tot Ion: 79 Resp: 598296

Ion Ratio Lower Upper

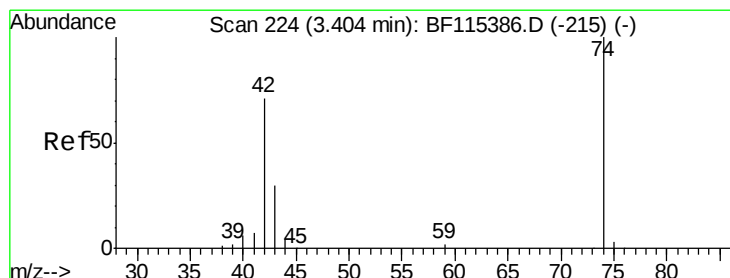
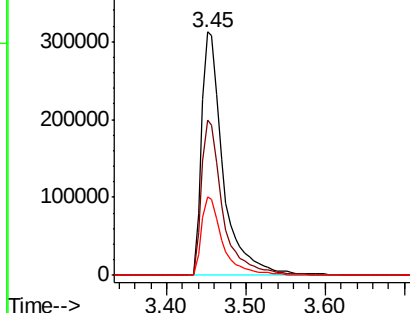
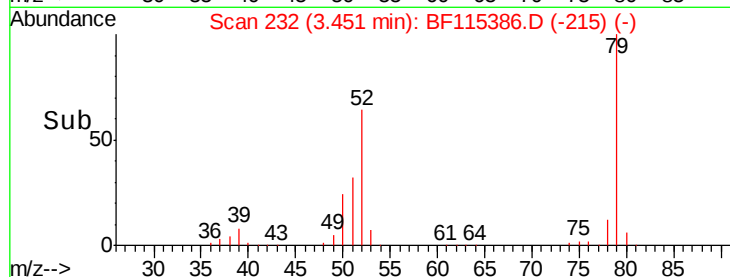
79 100

52 63.6 50.9 76.3

51 32.2 25.8 38.6



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: 40.904 ng

RT: 3.40 min Scan# 224

Delta R.T. 0.00 min

Lab File: BF115386.D

Acq: 5 Jul 2019 9:46

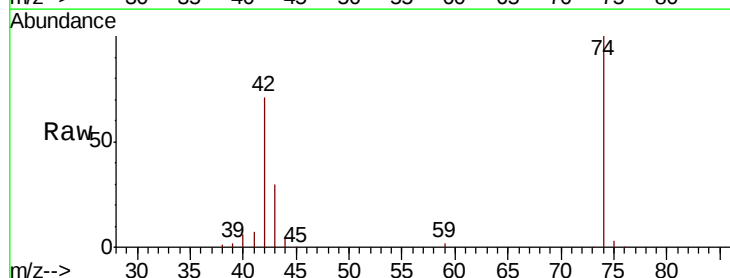
Tgt Ion: 42 Resp: 248136

Ion Ratio Lower Upper

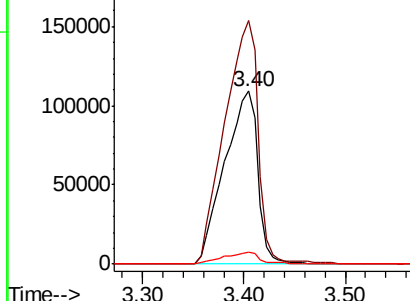
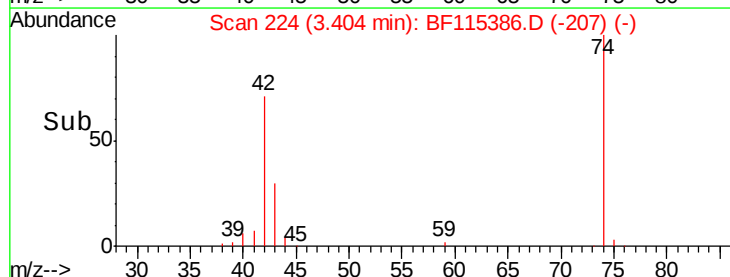
42 100

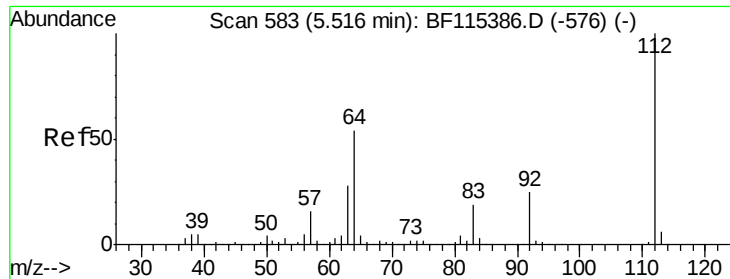
74 141.0 112.8 169.2

44 6.7 5.4 8.0



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: 77.675 ng

RT: 5.52 min Scan# 583

Delta R.T. 0.00 min

Lab File: BF115386.D

Acq: 5 Jul 2019 9:46

Instrument :

BNA_F

ClientSampleId :

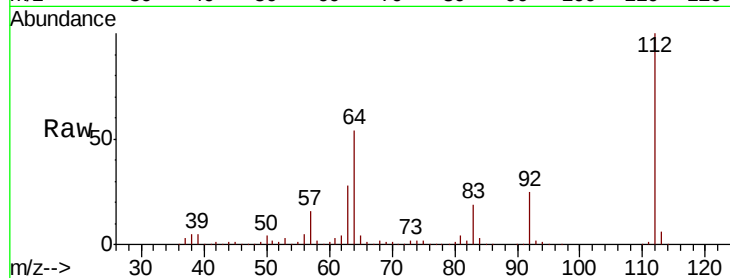
Tot Ion: 112 Resp: 903592

Ion Ratio Lower Upper

112 100

64 53.8 43.0 64.6

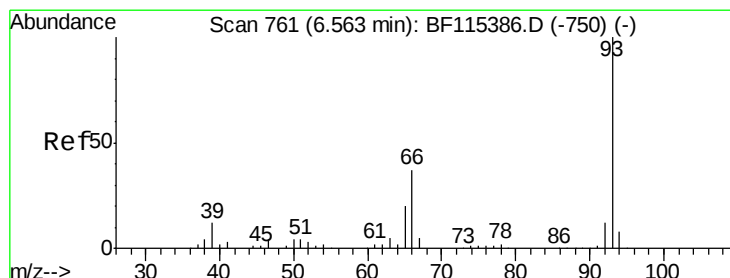
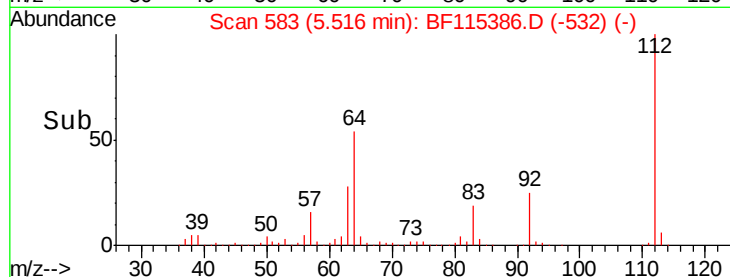
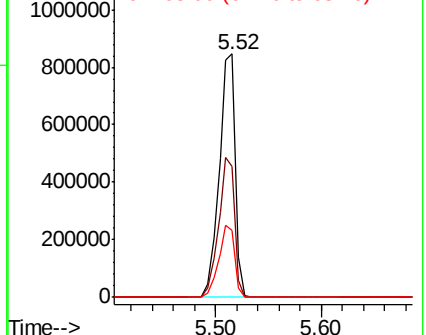
63 27.7 22.2 33.2



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 42.494 ng

RT: 6.56 min Scan# 761

Delta R.T. 0.00 min

Lab File: BF115386.D

Acq: 5 Jul 2019 9:46

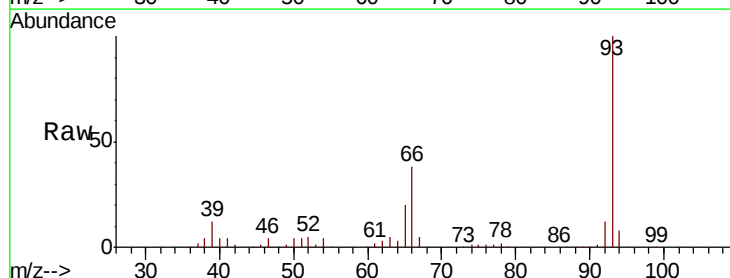
Tgt Ion: 93 Resp: 824623

Ion Ratio Lower Upper

93 100

66 38.5 30.8 46.2

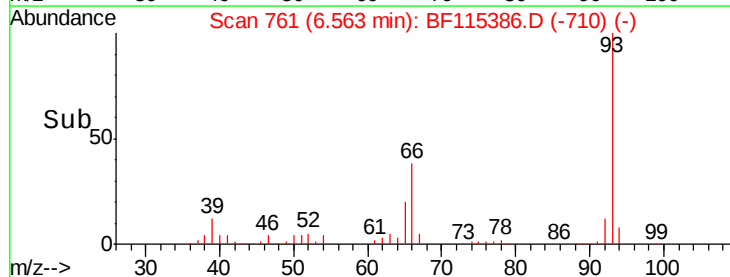
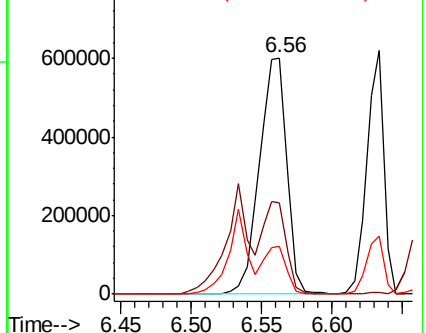
65 20.0 16.0 24.0

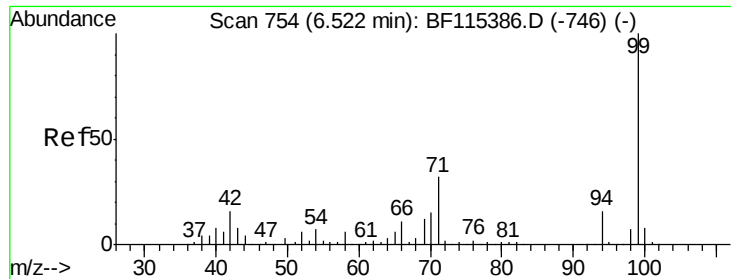


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 82.069 ng

RT: 6.52 min Scan# 754

Delta R.T. 0.00 min

Lab File: BF115386.D

Acq: 5 Jul 2019 9:46

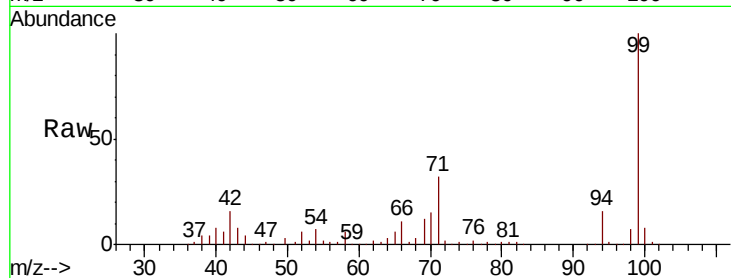
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 1158785

Ion	Ratio	Lower	Upper
99	100		
42	16.4	13.1	19.7
71	32.4	25.9	38.9

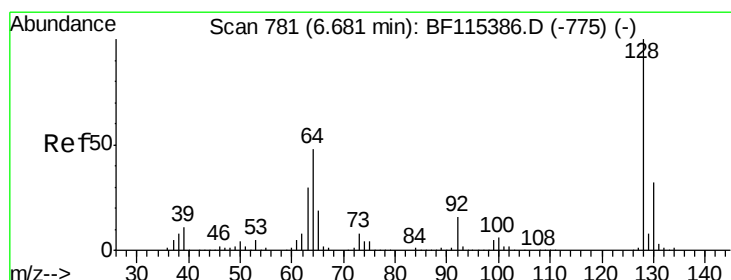
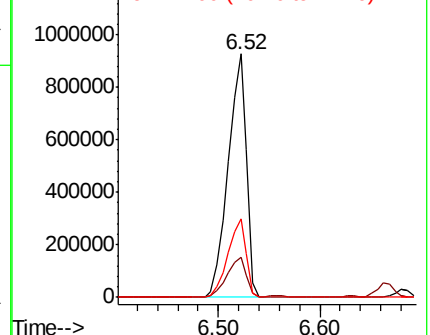
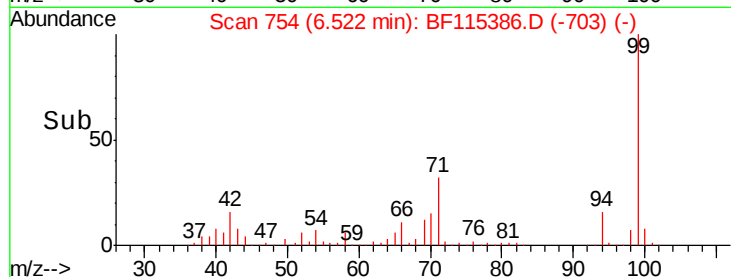


Abundance

Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 39.824 ng

RT: 6.68 min Scan# 781

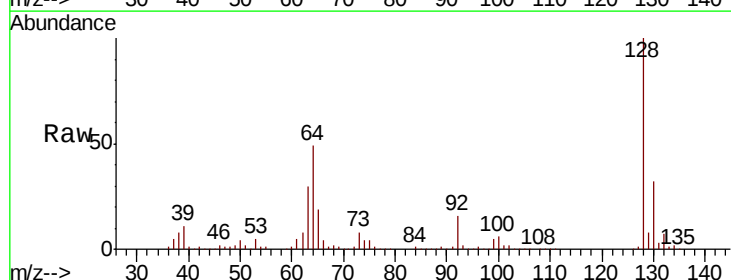
Delta R.T. 0.00 min

Lab File: BF115386.D

Acq: 5 Jul 2019 9:46

Tgt Ion: 128 Resp: 520924

Ion	Ratio	Lower	Upper
128	100		
130	32.4	12.4	52.4
64	48.8	28.8	68.8

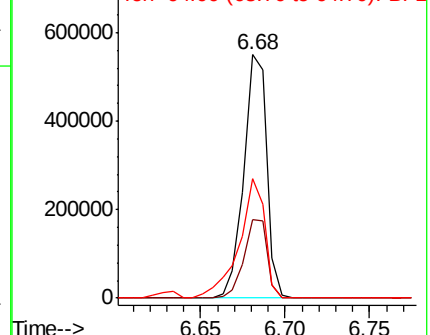
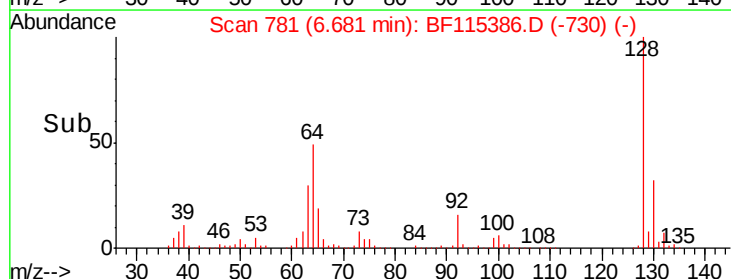


Abundance

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: 36.554 ng

RT: 6.45 min Scan# 741

Delta R.T. 0.00 min

Lab File: BF115386.D

Acq: 5 Jul 2019 9:46

Instrument :

BNA_F

ClientSampleId :

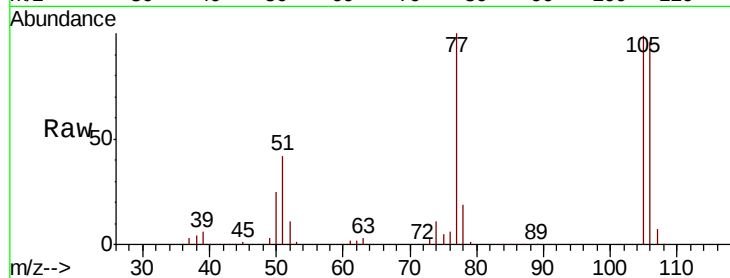
Tot Ion: 77 Resp: 336730

Ion Ratio Lower Upper

77 100

105 99.0 79.0 119.0

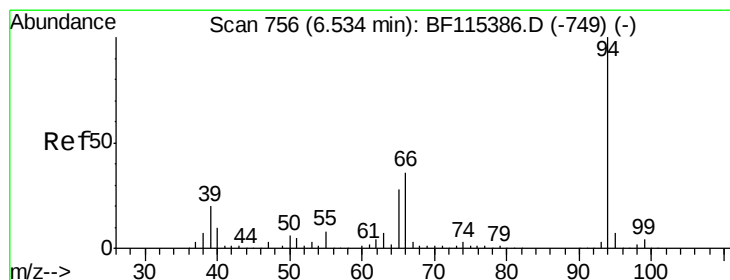
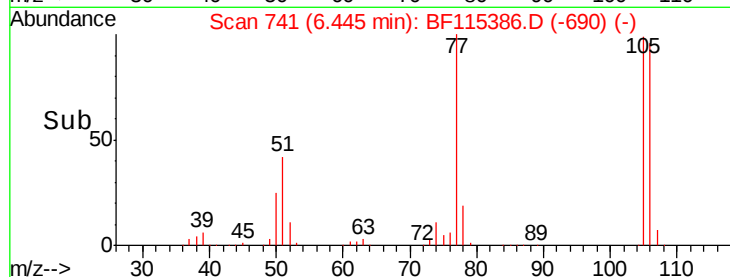
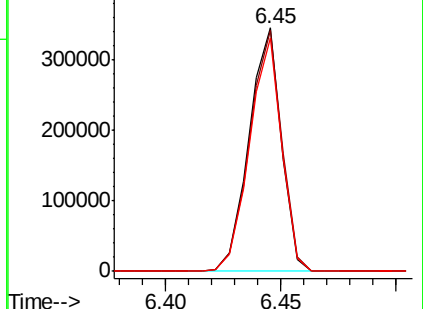
106 95.7 75.7 115.7



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E



#10

Phenol

Concen: 39.157 ng

RT: 6.53 min Scan# 756

Delta R.T. 0.00 min

Lab File: BF115386.D

Acq: 5 Jul 2019 9:46

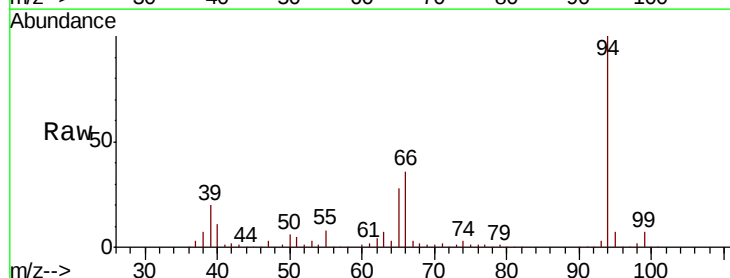
Tgt Ion: 94 Resp: 647634

Ion Ratio Lower Upper

94 100

65 28.0 8.0 48.0

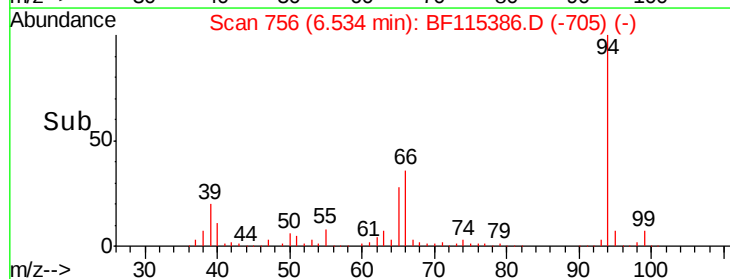
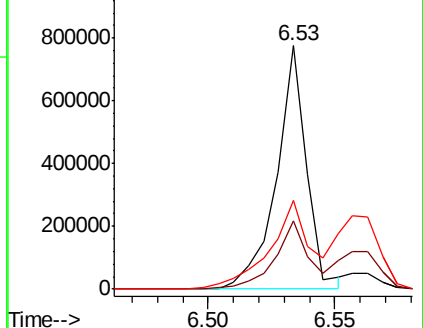
66 36.2 16.2 56.2

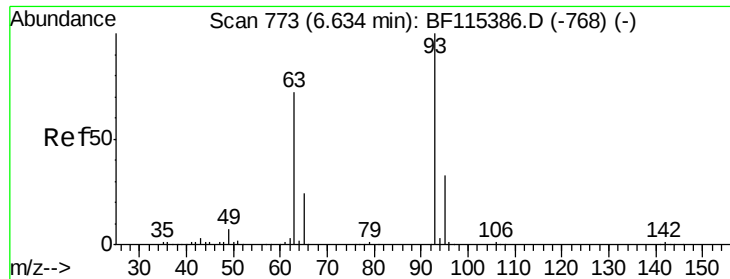


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

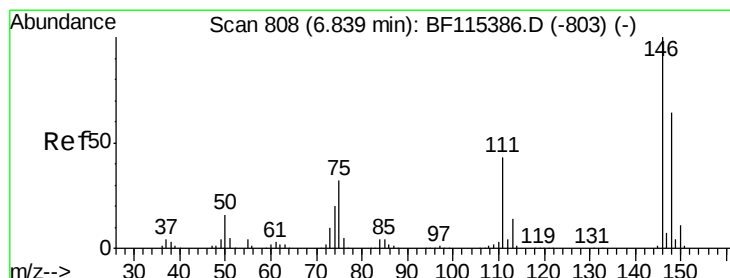
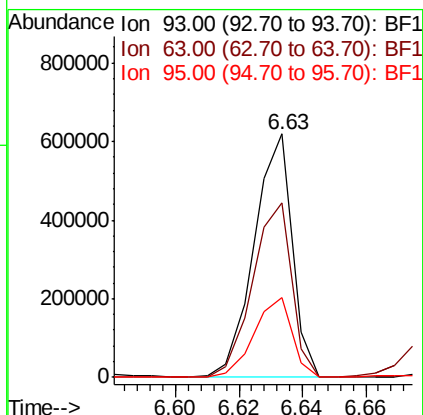
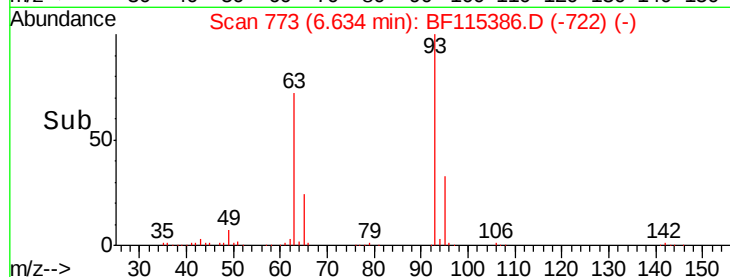
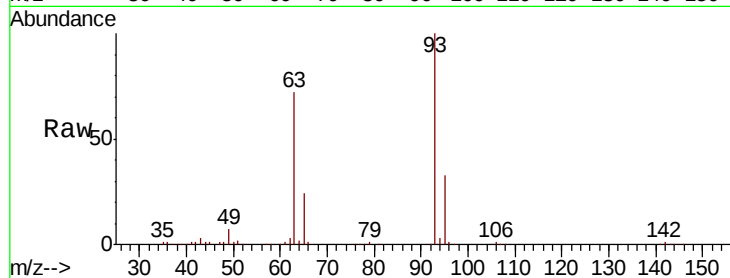




#11
bis(2-Chloroethyl)ether
Concen: 42.332 ng
RT: 6.63 min Scan# 773
Delta R.T. 0.00 min
Lab File: BF115386.D
Acq: 5 Jul 2019 9:46

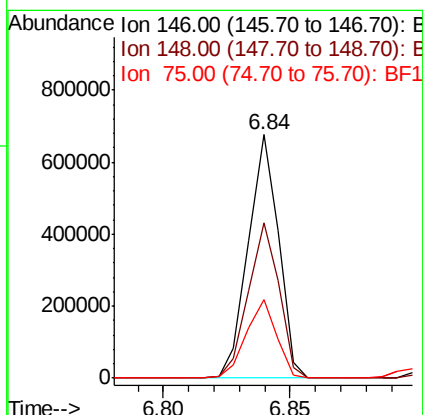
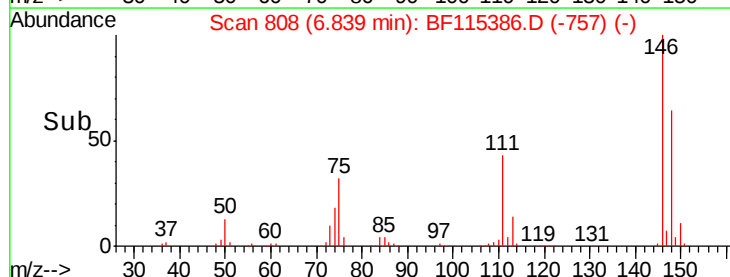
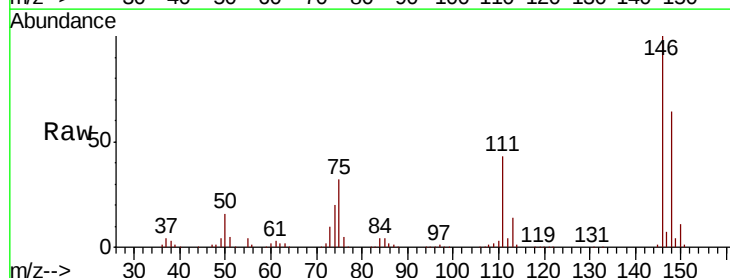
Instrument :
BNA_F
ClientSampleId :

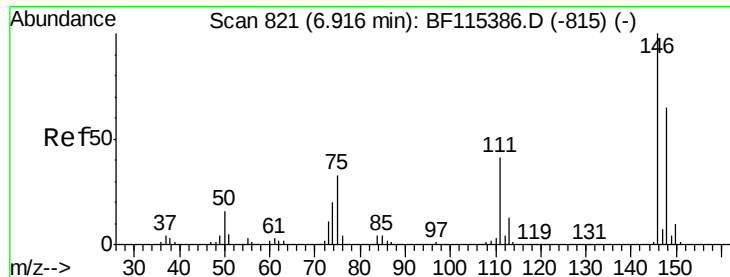
Tot Ion	Ratio	Lower	Upper
93	100		
63	71.5	51.5	91.5
95	32.9	12.9	52.9



#12
1,3-Dichlorobenzene
Concen: 39.006 ng
RT: 6.84 min Scan# 808
Delta R.T. 0.00 min
Lab File: BF115386.D
Acq: 5 Jul 2019 9:46

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.5	50.8	76.2
75	32.4	25.9	38.9

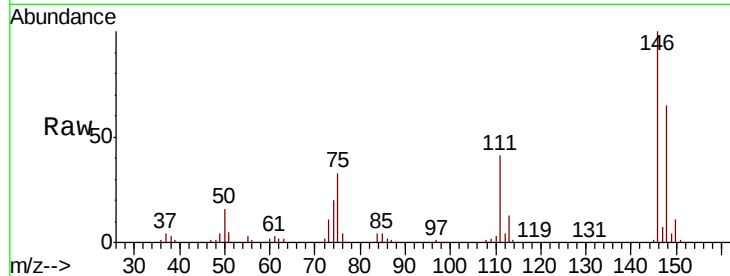




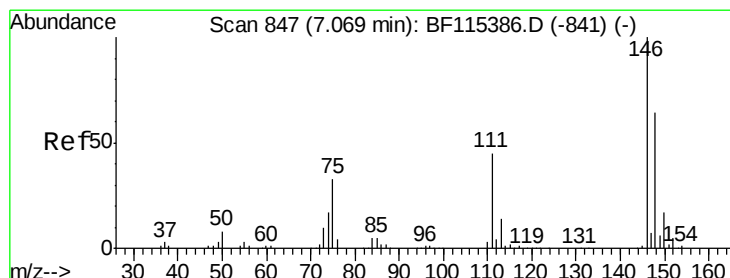
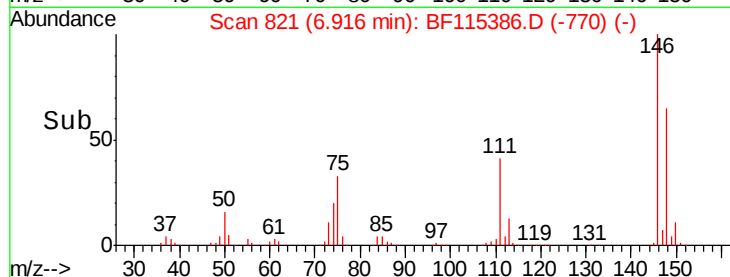
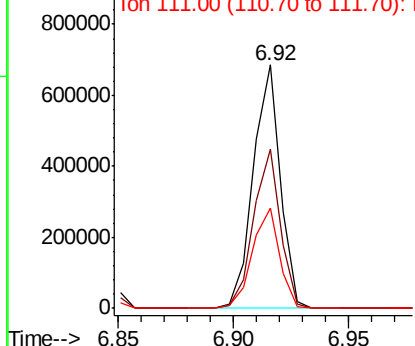
#13
 1,4-Dichlorobenzene
 Concen: 38.622 ng
 RT: 6.92 min Scan# 821
 Delta R.T. 0.00 min
 Lab File: BF115386.D
 Acq: 5 Jul 2019 9:46

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:146 Resp: 562235
 Ion Ratio Lower Upper
 146 100
 148 65.4 52.3 78.5
 111 41.2 33.0 49.4

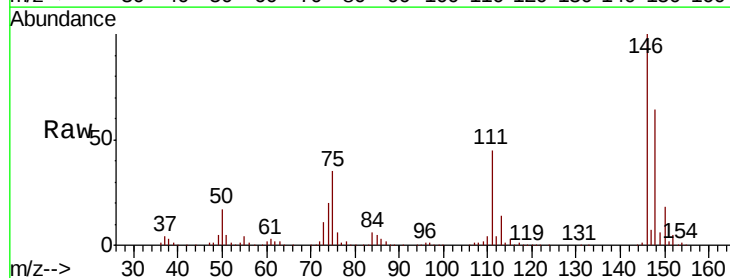


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

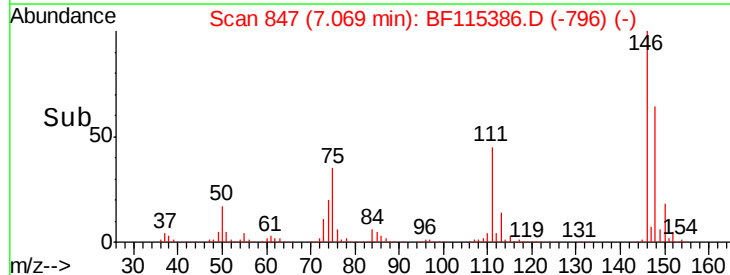
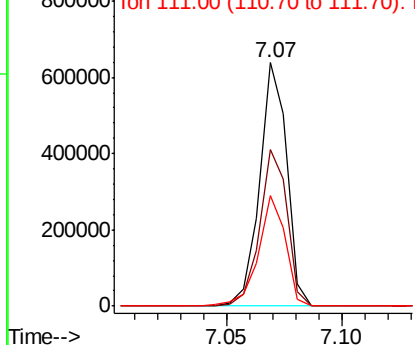


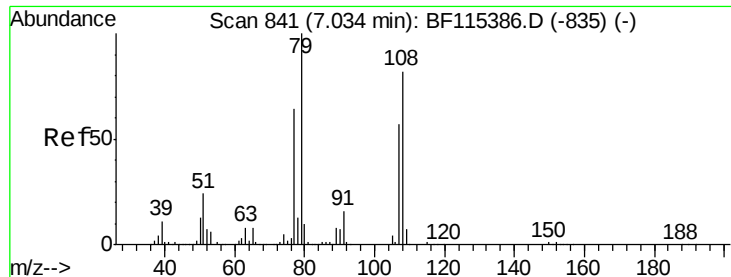
#14
 1,2-Dichlorobenzene
 Concen: 38.810 ng
 RT: 7.07 min Scan# 847
 Delta R.T. 0.00 min
 Lab File: BF115386.D
 Acq: 5 Jul 2019 9:46

Tgt Ion:146 Resp: 523200
 Ion Ratio Lower Upper
 146 100
 148 64.1 51.3 76.9
 111 45.2 36.2 54.2



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





#15

Benzyl Alcohol

Concen: 45.819 ng

RT: 7.03 min Scan# 841

Delta R.T. 0.00 min

Lab File: BF115386.D

Acq: 5 Jul 2019 9:46

Instrument :

BNA_F

ClientSampled :

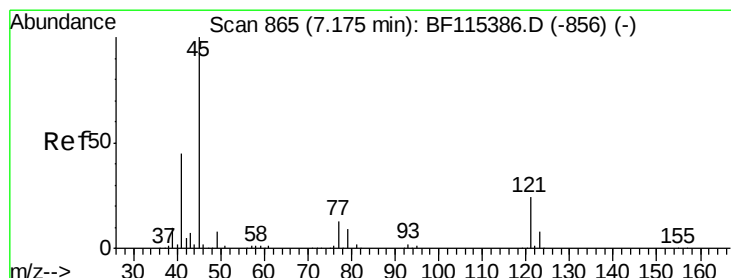
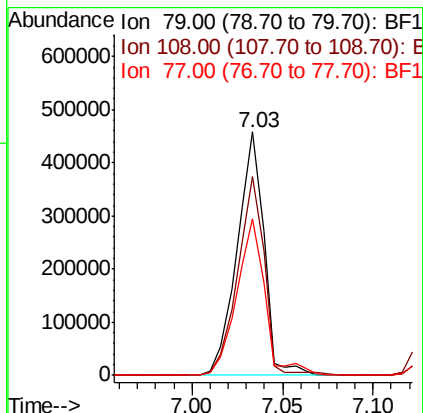
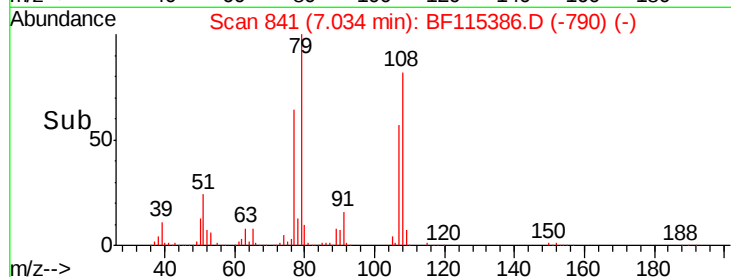
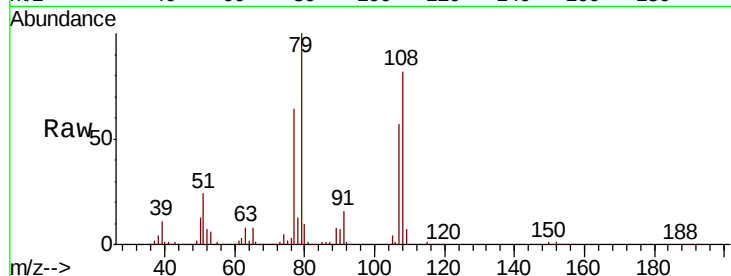
Tot Ion: 79 Resp: 471088

Ion Ratio Lower Upper

79 100

108 81.8 65.4 98.2

77 64.4 51.5 77.3



#16

2,2'-oxybis(1-chloropropane)

Concen: 40.437 ng

RT: 7.17 min Scan# 865

Delta R.T. 0.00 min

Lab File: BF115386.D

Acq: 5 Jul 2019 9:46

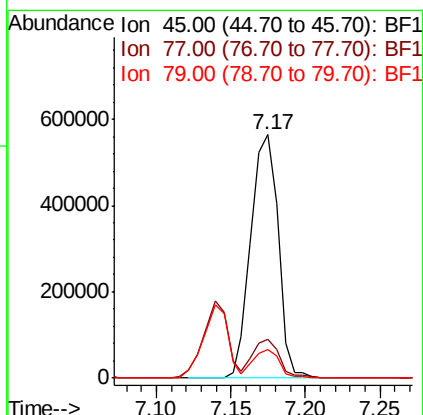
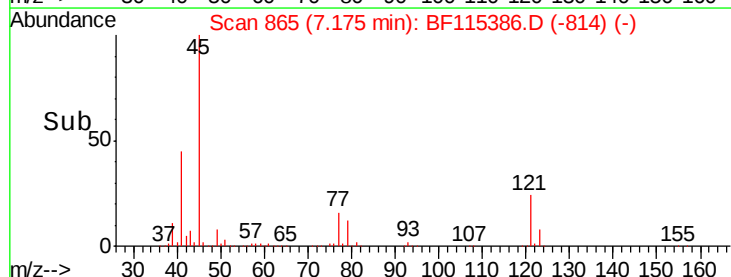
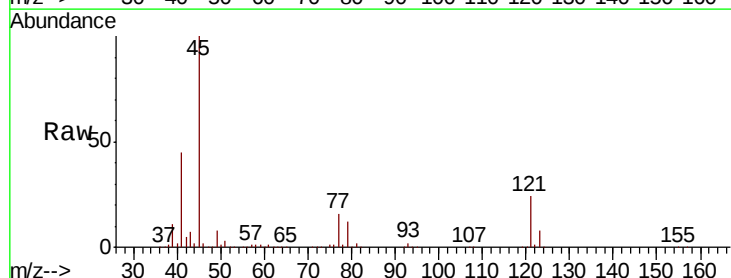
Tgt Ion: 45 Resp: 715037

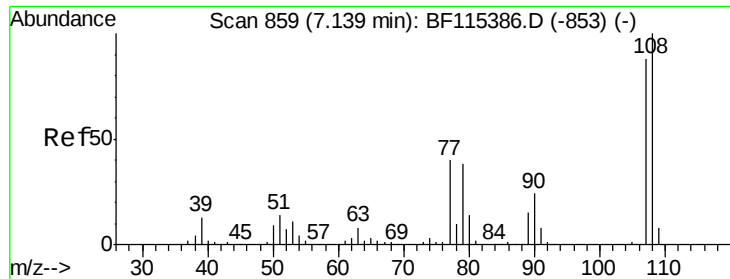
Ion Ratio Lower Upper

45 100

77 16.0 0.0 36.0

79 12.0 0.0 32.0

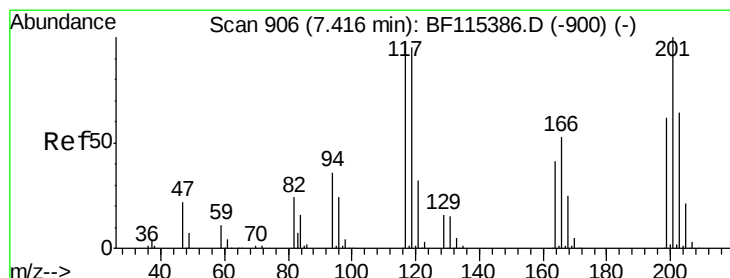
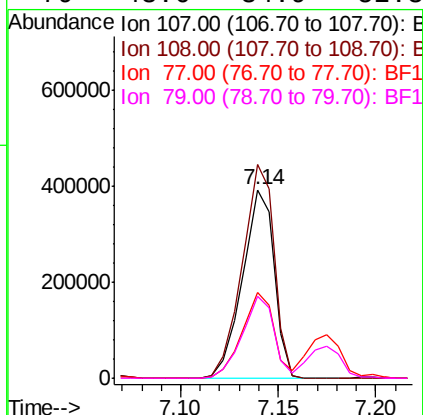
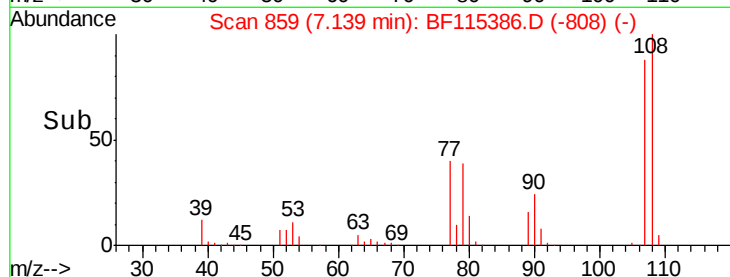
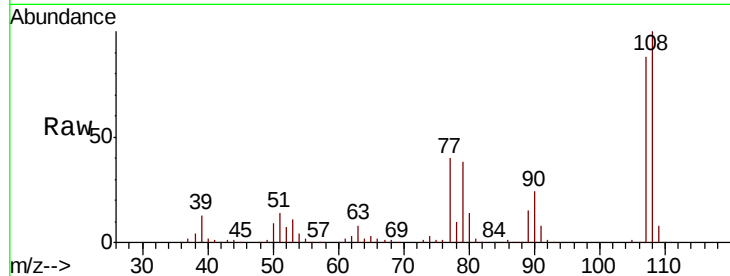




#17
2-Methylphenol
Concen: 40.977 ng
RT: 7.14 min Scan# 859
Delta R.T. 0.00 min
Lab File: BF115386.D
Acq: 5 Jul 2019 9:46

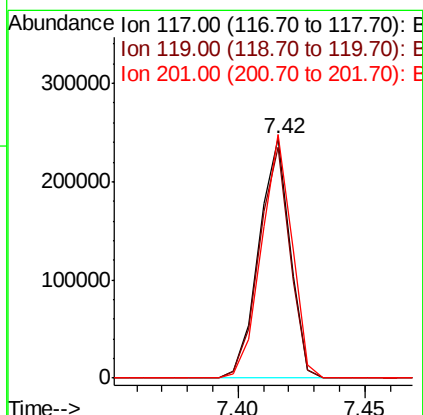
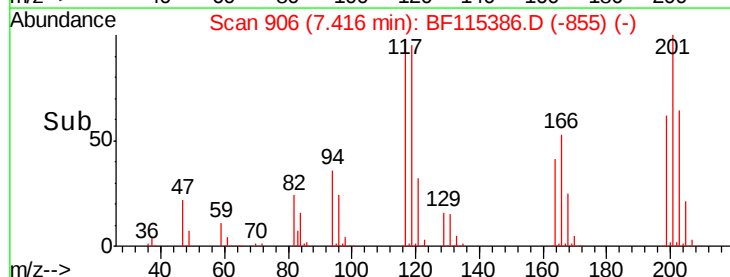
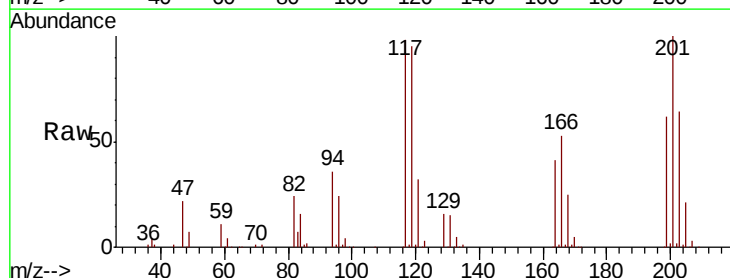
Instrument :
BNA_F
ClientSampleId :

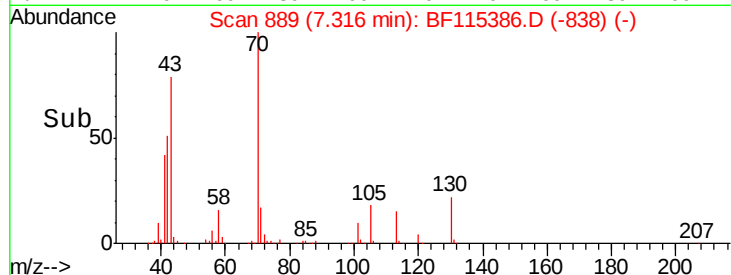
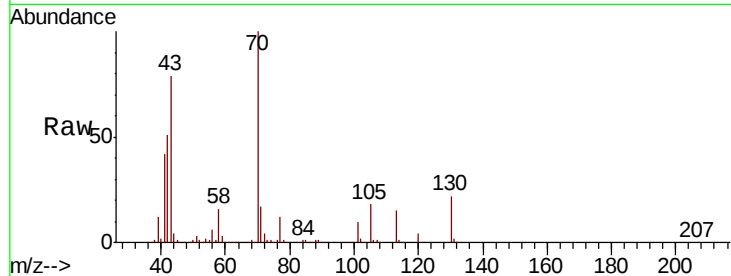
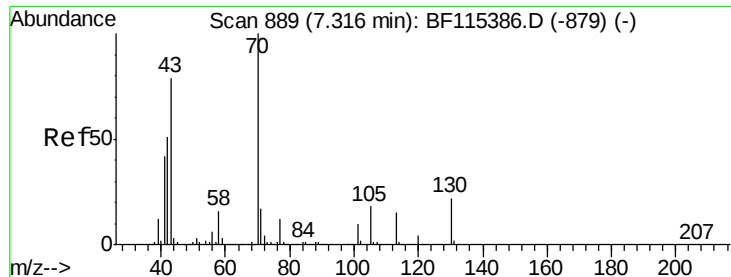
Tot Ion:107 Resp: 442429
Ion Ratio Lower Upper
107 100
108 113.4 90.7 136.1
77 45.4 36.3 54.5
79 43.6 34.9 52.3



#18
Hexachloroethane
Concen: 39.950 ng
RT: 7.42 min Scan# 906
Delta R.T. 0.00 min
Lab File: BF115386.D
Acq: 5 Jul 2019 9:46

Tgt Ion:117 Resp: 209666
Ion Ratio Lower Upper
117 100
119 96.4 77.1 115.7
201 101.6 81.3 121.9

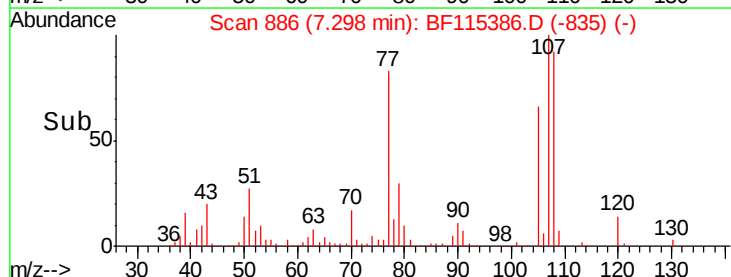
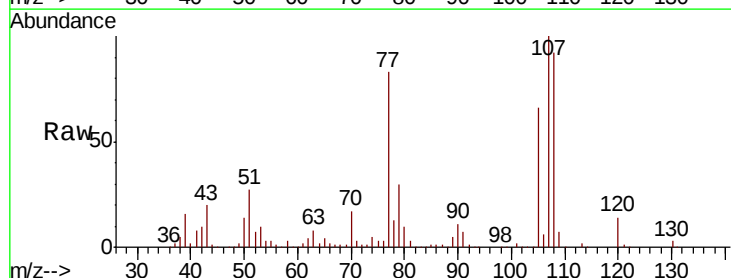
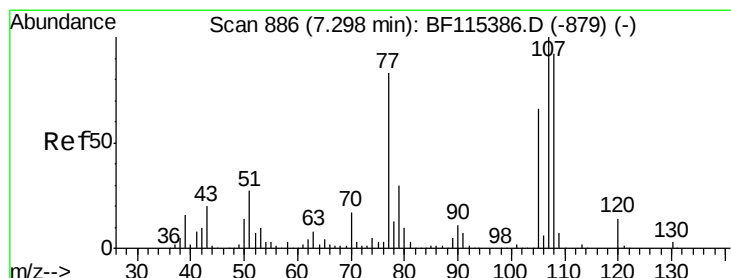
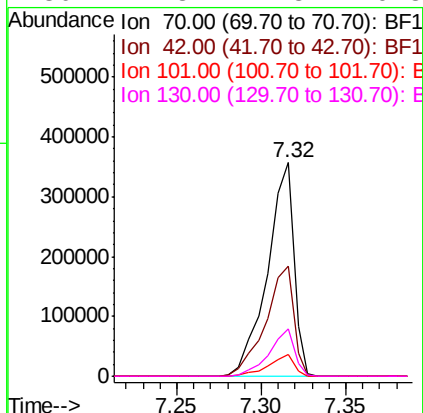




#19
n-Nitroso-di-n-propylamine
Concen: 43.148 ng
RT: 7.32 min Scan# 889
Delta R.T. 0.00 min
Lab File: BF115386.D
Acq: 5 Jul 2019 9:46

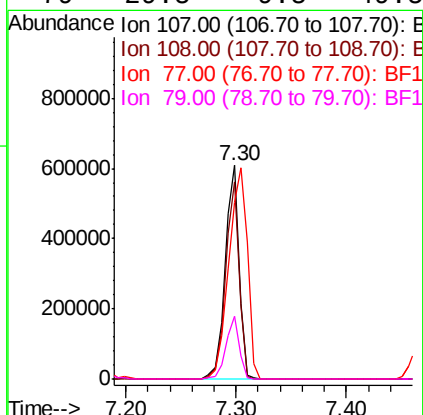
Instrument :
BNA_F
ClientSampled :

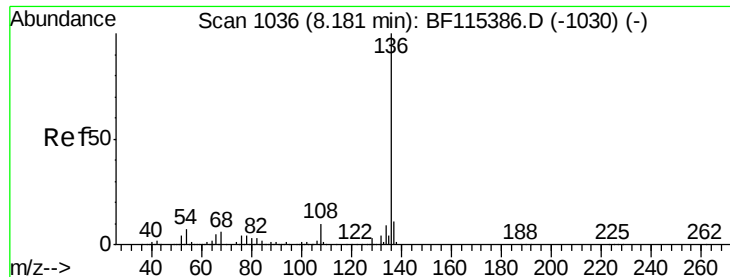
Tot Ion:	70	Resp:	390040
Ion	Ratio	Lower	Upper
70	100		
42	51.4	41.1	61.7
101	10.0	8.0	12.0
130	22.3	17.8	26.8



#20
3+4-Methylphenols
Concen: 42.946 ng
RT: 7.30 min Scan# 886
Delta R.T. 0.00 min
Lab File: BF115386.D
Acq: 5 Jul 2019 9:46

Tgt Ion:	107	Resp:	535413
Ion	Ratio	Lower	Upper
107	100		
108	92.5	72.5	112.5
77	82.7	62.7	102.7
79	29.5	9.5	49.5

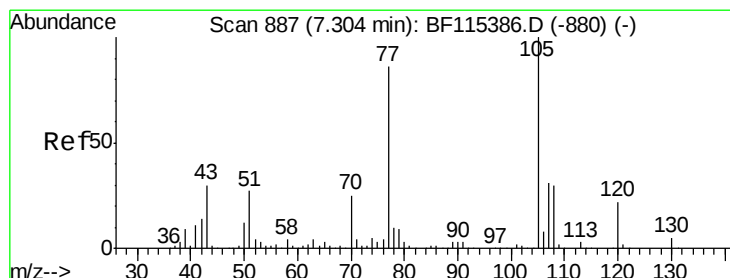
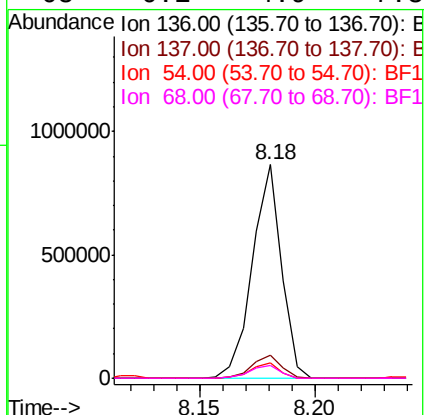
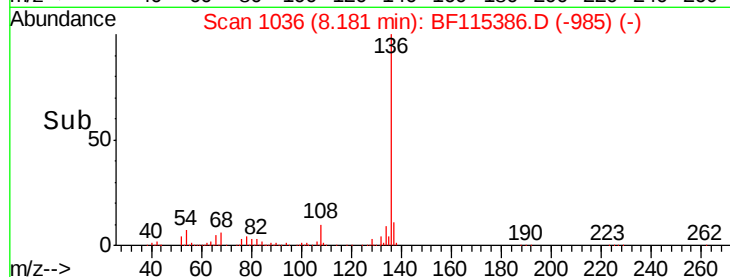
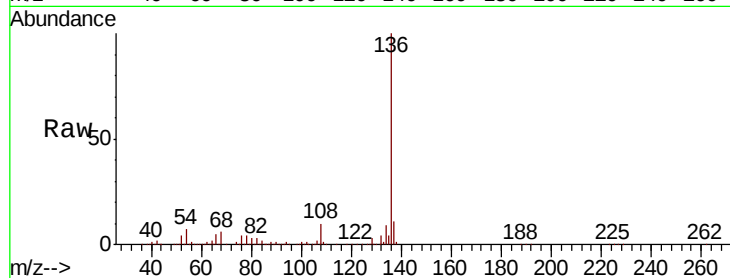




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.18 min Scan# 1036
Delta R.T. 0.00 min
Lab File: BF115386.D
Acq: 5 Jul 2019 9:46

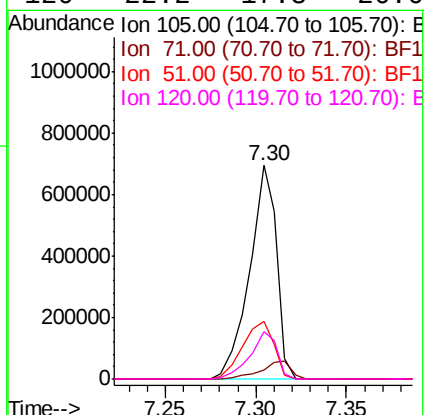
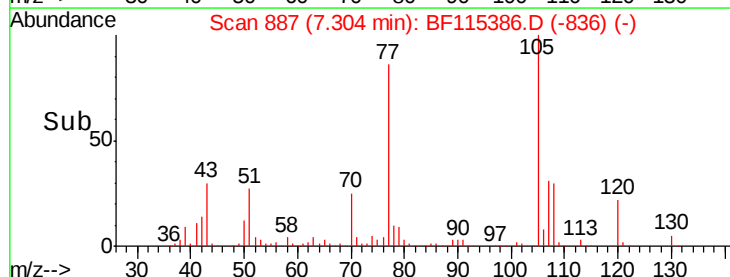
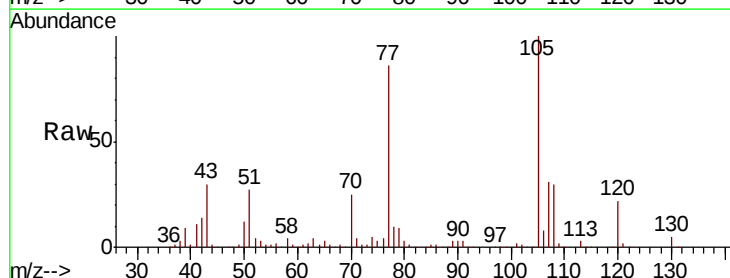
Instrument :
BNA_F
ClientSampled :

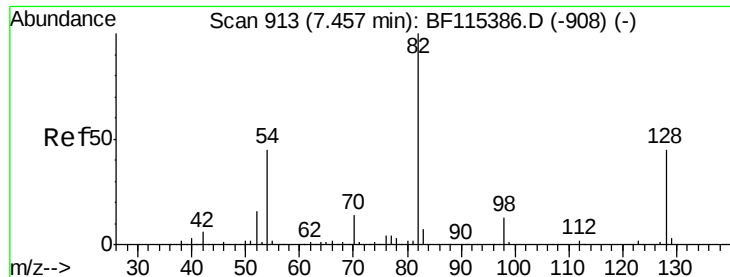
Tot Ion:136	Resp:	761886
Ion Ratio	Lower	Upper
136	100	
137	11.1	8.9 13.3
54	7.0	5.6 8.4
68	6.1	4.9 7.3



#22
Acetophenone
Concen: 41.012 ng
RT: 7.30 min Scan# 887
Delta R.T. 0.00 min
Lab File: BF115386.D
Acq: 5 Jul 2019 9:46

Tgt Ion:105	Resp:	715341
Ion Ratio	Lower	Upper
105	100	
71	4.1	3.3 4.9
51	26.9	21.5 32.3
120	22.2	17.8 26.6

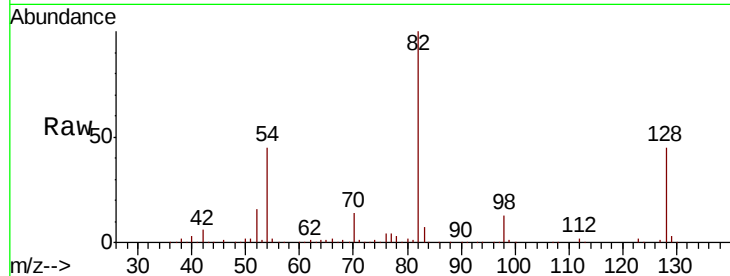




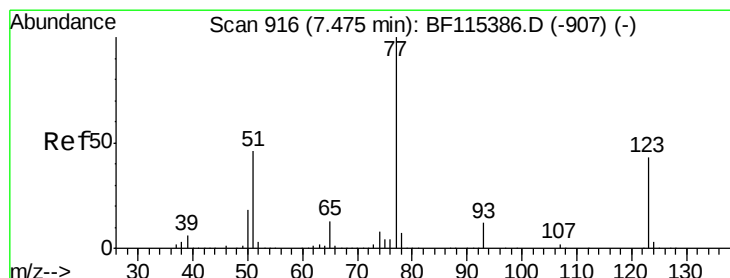
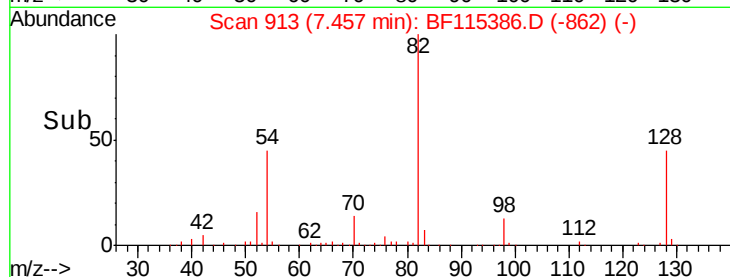
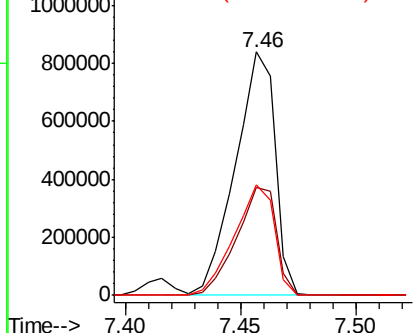
#23
Nitrobenzene-d5
Concen: 81.495 ng
RT: 7.46 min Scan# 913
Delta R.T. 0.00 min
Lab File: BF115386.D
Acq: 5 Jul 2019 9:46

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 82 Resp: 1009343
Ion Ratio Lower Upper
82 100
128 44.6 35.7 53.5
54 45.4 36.3 54.5

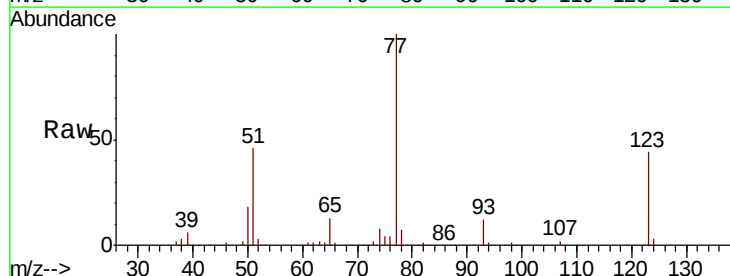


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1

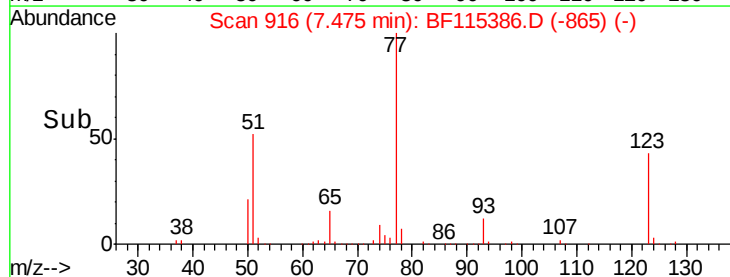
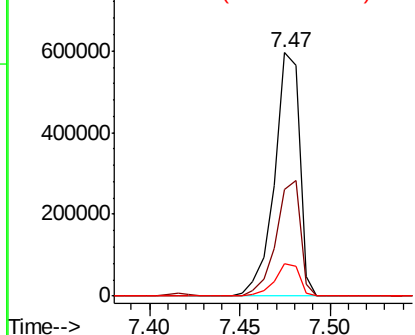


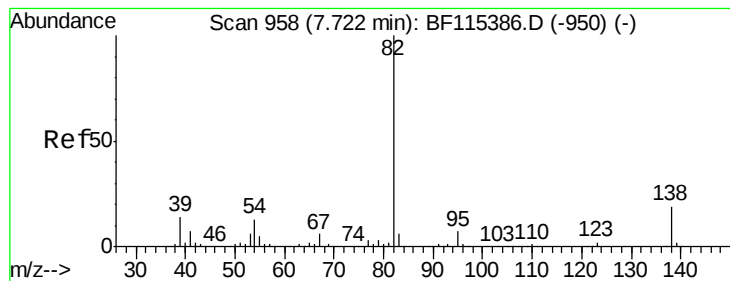
#24
Nitrobenzene
Concen: 41.932 ng
RT: 7.47 min Scan# 916
Delta R.T. 0.00 min
Lab File: BF115386.D
Acq: 5 Jul 2019 9:46

Tgt Ion: 77 Resp: 572143
Ion Ratio Lower Upper
77 100
123 43.8 35.0 52.6
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): E
Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 42.287 ng

RT: 7.72 min Scan# 958

Delta R.T. 0.00 min

Lab File: BF115386.D

Acq: 5 Jul 2019 9:46

Instrument :

BNA_F

ClientSampled :

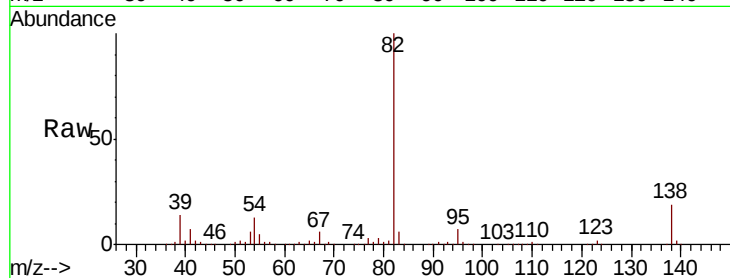
Tot Ion: 82 Resp: 1072898

Ion Ratio Lower Upper

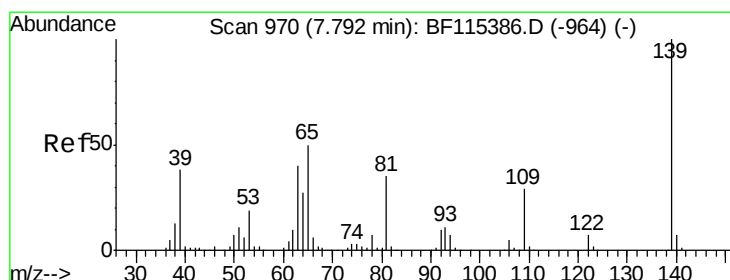
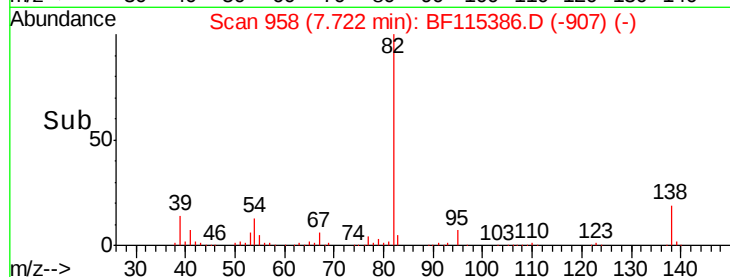
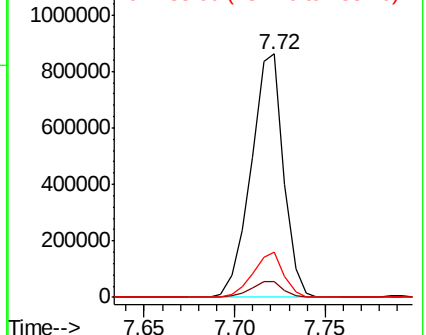
82 100

95 6.7 5.4 8.0

138 18.6 14.9 22.3



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: 35.202 ng

RT: 7.79 min Scan# 970

Delta R.T. 0.00 min

Lab File: BF115386.D

Acq: 5 Jul 2019 9:46

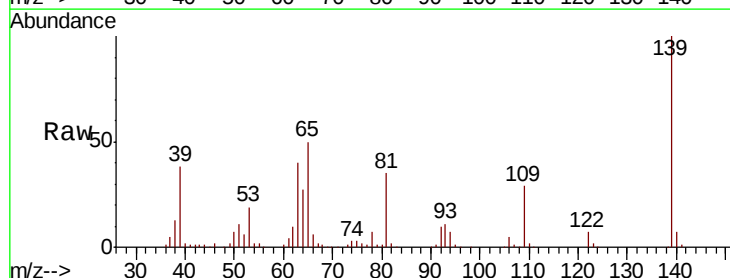
Tgt Ion: 139 Resp: 237200

Ion Ratio Lower Upper

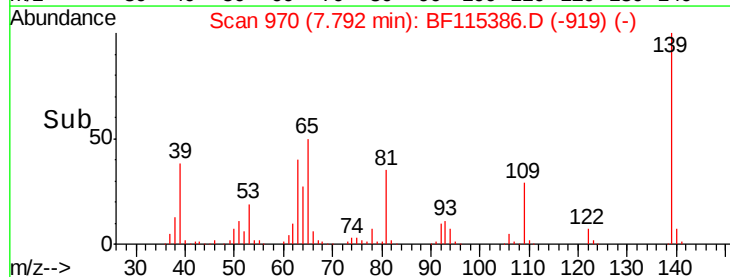
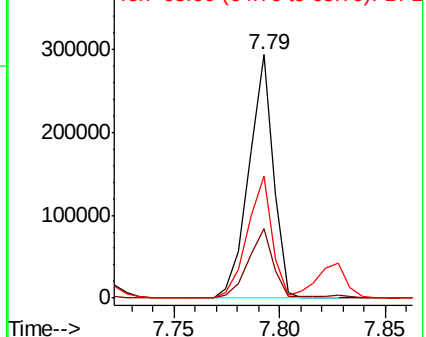
139 100

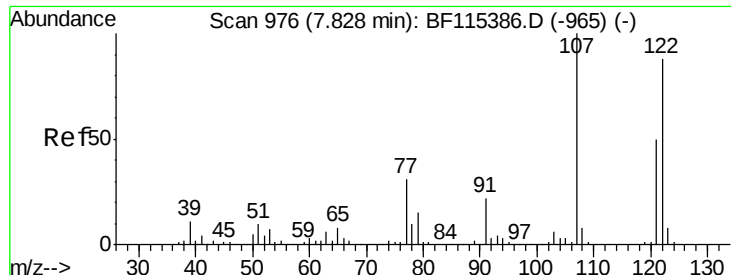
109 28.6 22.9 34.3

65 50.3 40.2 60.4



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

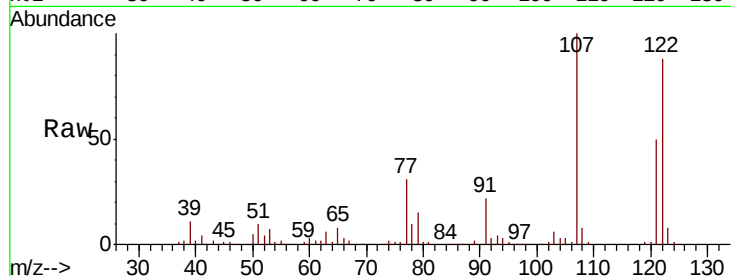




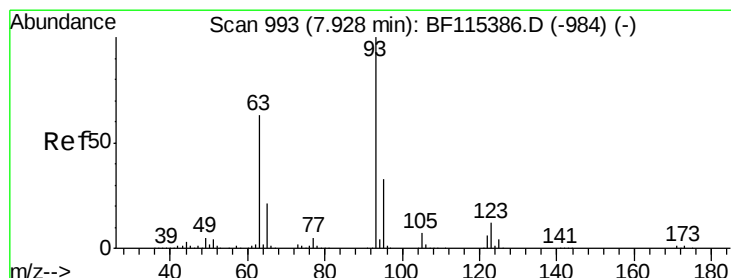
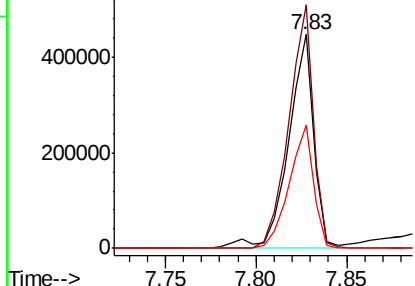
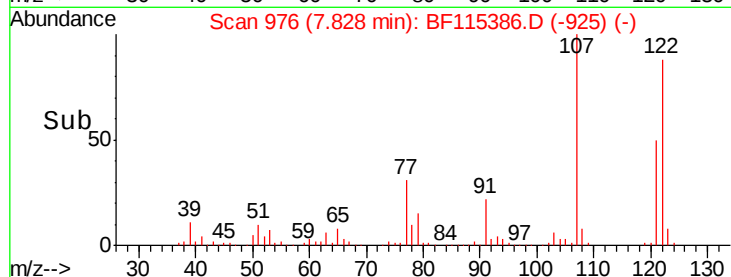
#27
2,4-Dimethylphenol
Concen: 39.859 ng
RT: 7.83 min Scan# 976
Delta R.T. 0.00 min
Lab File: BF115386.D
Acq: 5 Jul 2019 9:46

Instrument :
BNA_F
ClientSampleId :

Tot Ion:122 Resp: 439753
Ion Ratio Lower Upper
122 100
107 113.8 91.0 136.6
121 57.4 45.9 68.9

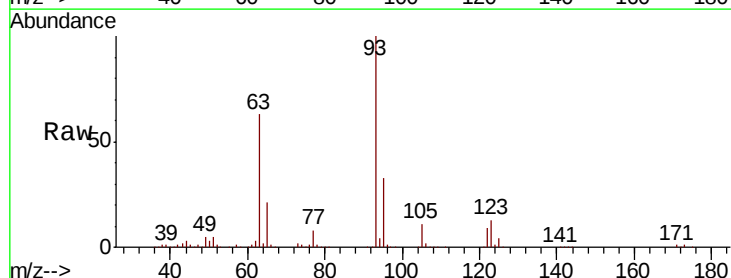


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

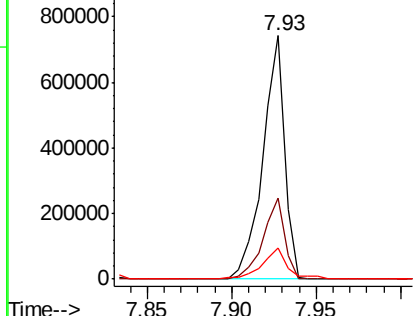
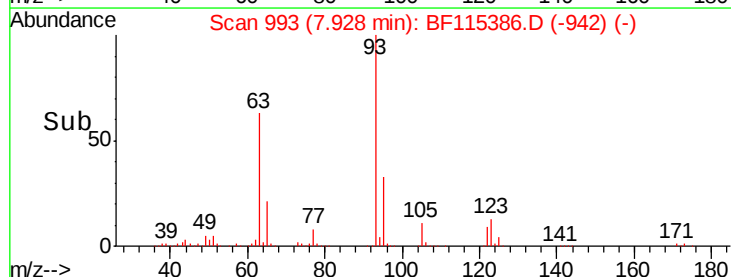


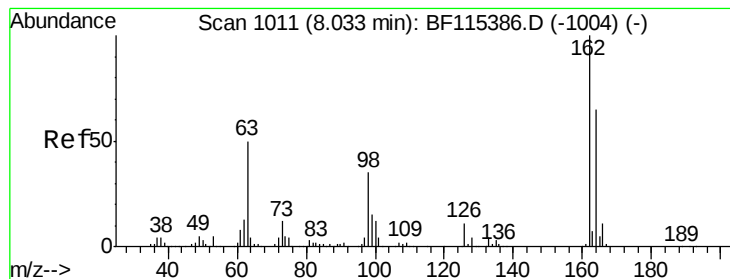
#28
bis(2-Chloroethoxy)methane
Concen: 41.320 ng
RT: 7.93 min Scan# 993
Delta R.T. 0.00 min
Lab File: BF115386.D
Acq: 5 Jul 2019 9:46

Tgt Ion: 93 Resp: 662616
Ion Ratio Lower Upper
93 100
95 33.2 26.6 39.8
123 12.5 10.0 15.0



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





#29

2,4-Dichlorophenol

Concen: 38.937 ng

RT: 8.03 min Scan# 1011

Delta R.T. 0.00 min

Lab File: BF115386.D

Acq: 5 Jul 2019 9:46

Instrument :

BNA_F

ClientSampleId :

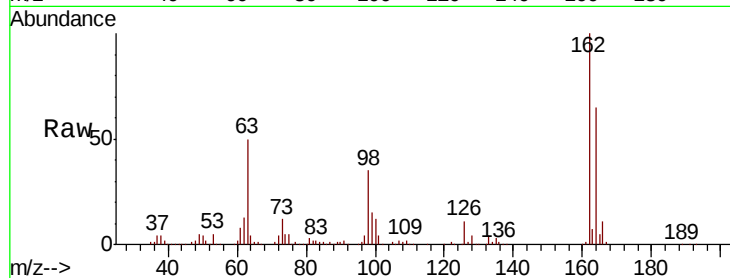
Tot Ion:162 Resp: 443318

Ion Ratio Lower Upper

162 100

164 64.6 44.6 84.6

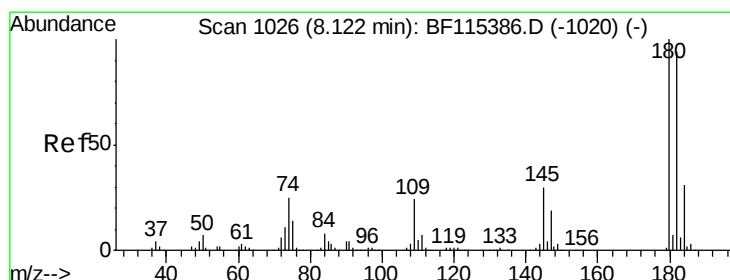
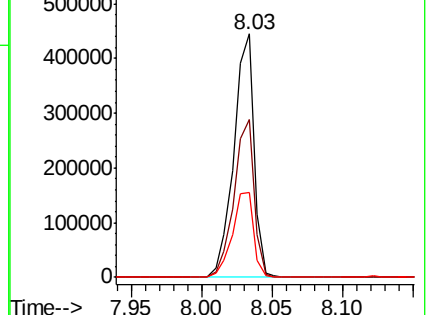
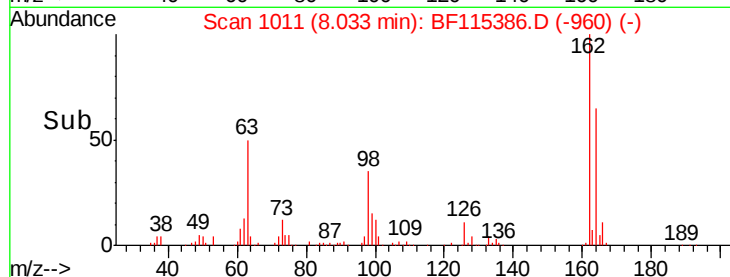
98 35.0 15.0 55.0



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30

1,2,4-Trichlorobenzene

Concen: 39.123 ng

RT: 8.12 min Scan# 1026

Delta R.T. 0.00 min

Lab File: BF115386.D

Acq: 5 Jul 2019 9:46

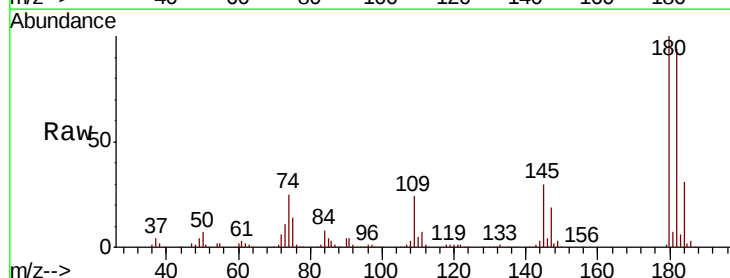
Tgt Ion:180 Resp: 492022

Ion Ratio Lower Upper

180 100

182 94.5 75.6 113.4

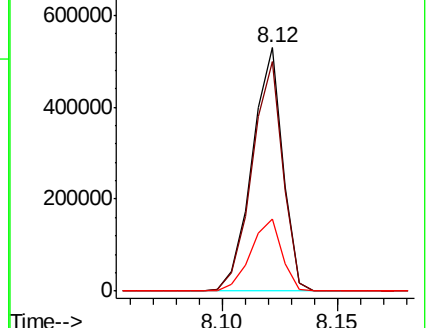
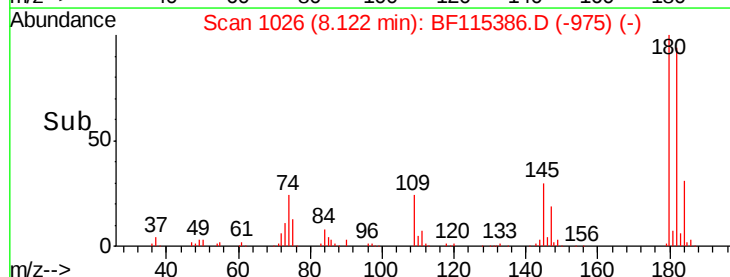
145 29.7 23.8 35.6

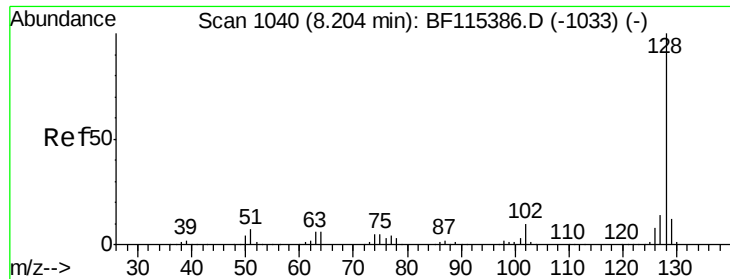


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

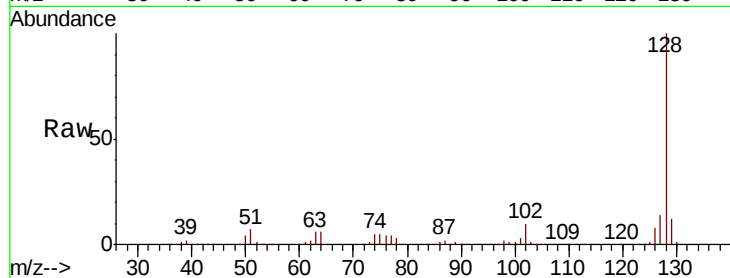




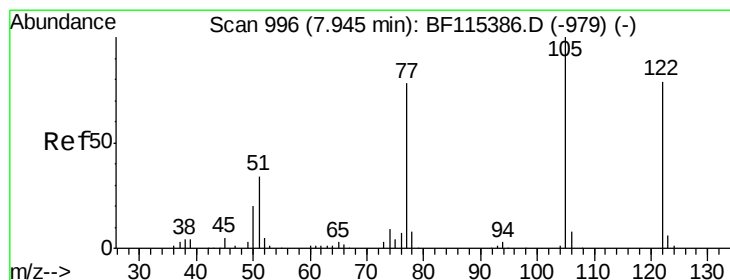
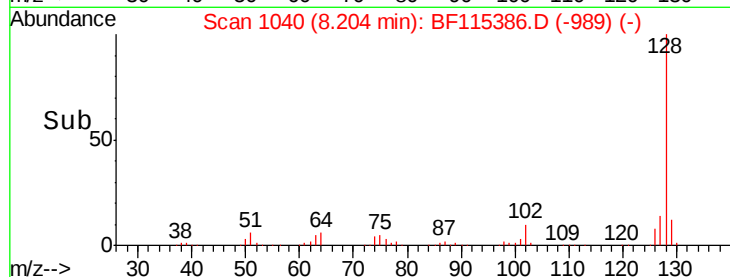
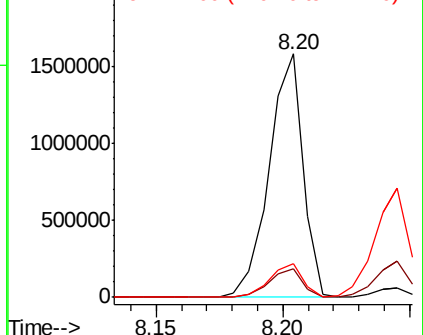
#31
Naphthalene
Concen: 39.601 ng
RT: 8.20 min Scan# 1040
Delta R.T. 0.00 min
Lab File: BF115386.D
Acq: 5 Jul 2019 9:46

Instrument :
BNA_F
ClientSampleId :

Tot Ion:128 Resp: 1481040
Ion Ratio Lower Upper
128 100
129 11.8 9.4 14.2
127 14.0 11.2 16.8

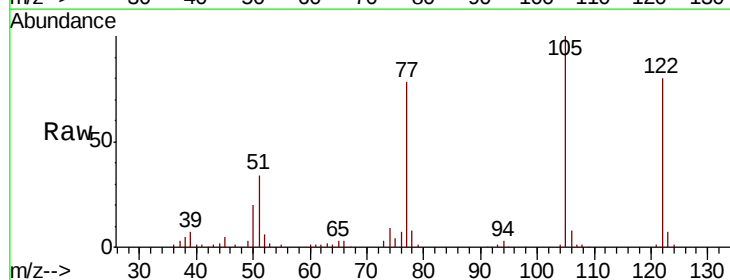


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

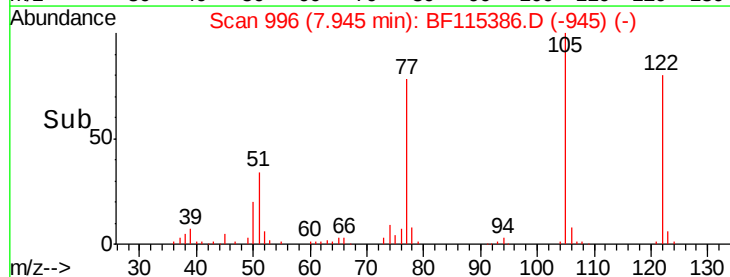
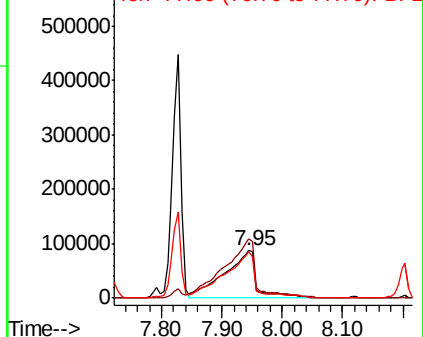


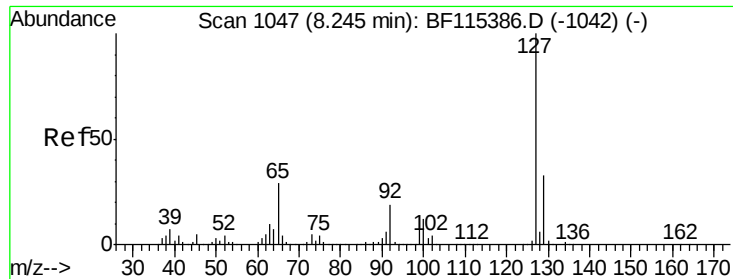
#32
Benzoic acid
Concen: 40.838 ng
RT: 7.95 min Scan# 996
Delta R.T. 0.00 min
Lab File: BF115386.D
Acq: 5 Jul 2019 9:46

Tgt Ion:122 Resp: 321604
Ion Ratio Lower Upper
122 100
105 125.1 105.1 145.1
77 97.8 77.8 117.8



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF1

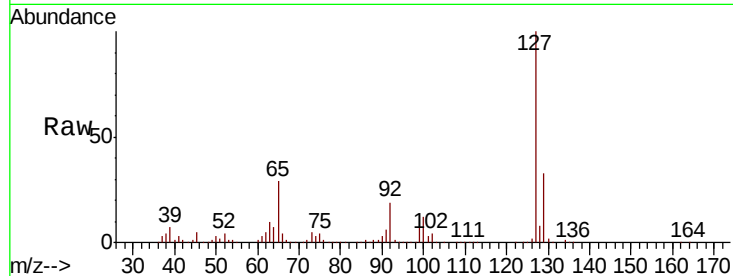




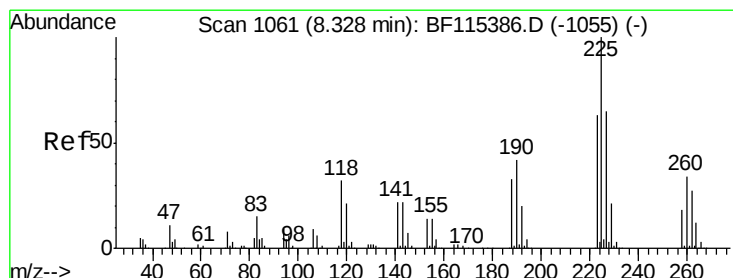
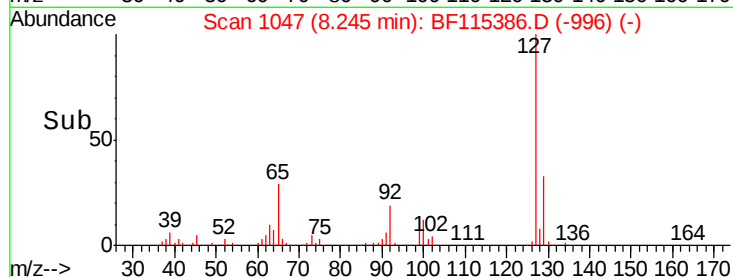
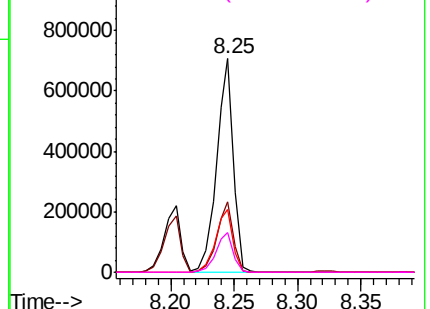
#33
4-Chloroaniline
Concen: 38.517 ng
RT: 8.25 min Scan# 1047
Delta R.T. 0.00 min
Lab File: BF115386.D
Acq: 5 Jul 2019 9:46

Instrument :
BNA_F
ClientSampled :

Tot Ion:	127	Resp:	658344
Ion	Ratio	Lower	Upper
127	100		
129	33.1	26.5	39.7
65	29.1	23.3	34.9
92	18.7	15.0	22.4

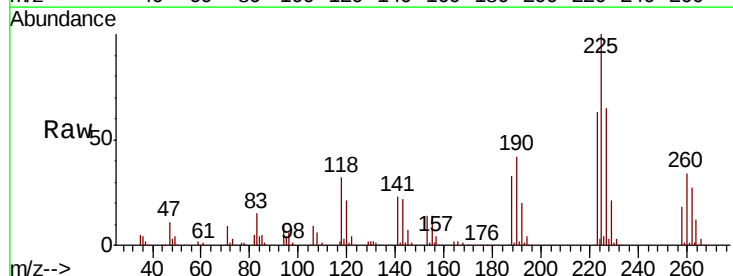


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

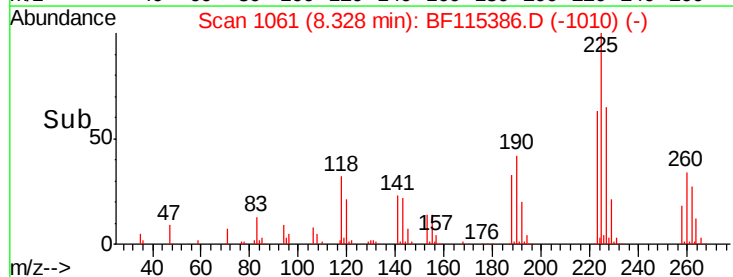
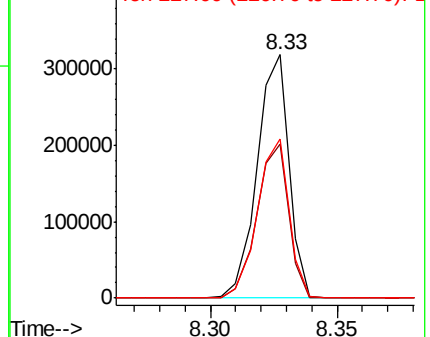


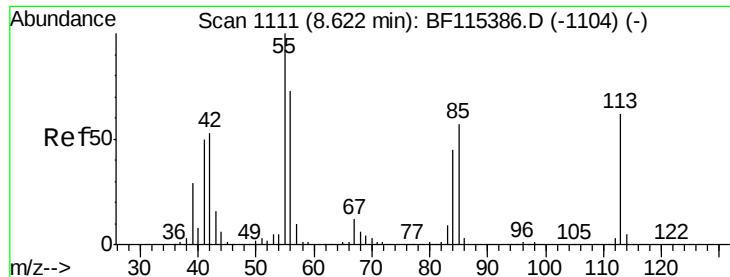
#34
Hexachlorobutadiene
Concen: 40.664 ng
RT: 8.33 min Scan# 1061
Delta R.T. 0.00 min
Lab File: BF115386.D
Acq: 5 Jul 2019 9:46

Tgt Ion:	225	Resp:	280252
Ion	Ratio	Lower	Upper
225	100		
223	63.4	50.7	76.1
227	65.1	52.1	78.1



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

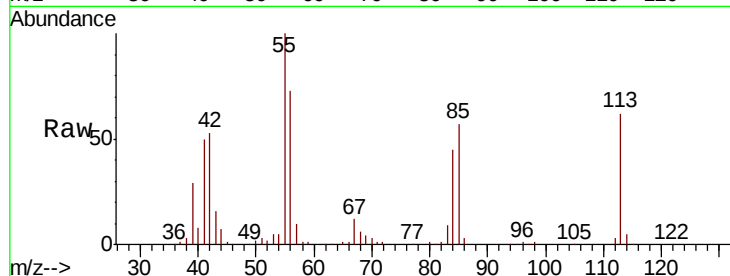




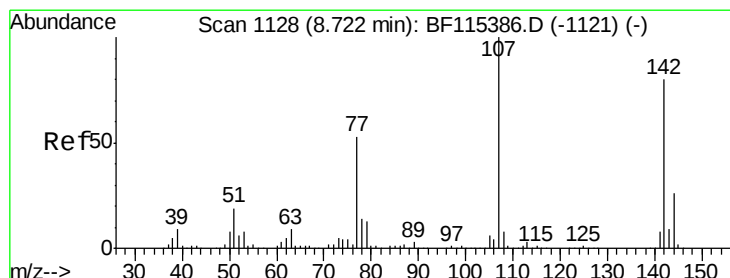
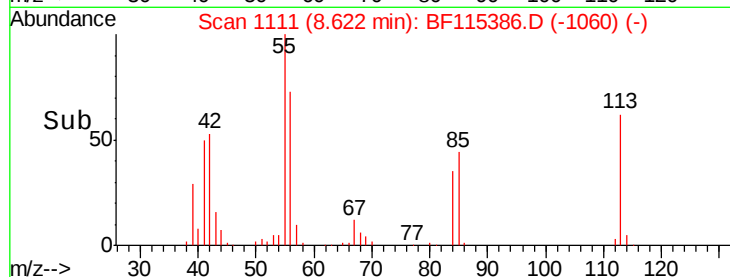
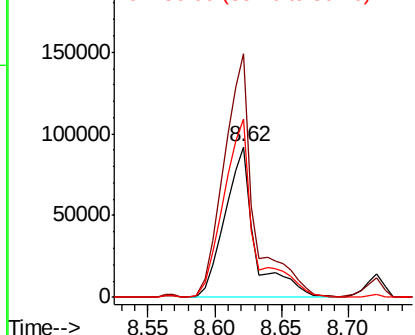
#35
Caprolactam
Concen: 38.382 ng
RT: 8.62 min Scan# 1111
Delta R.T. 0.00 min
Lab File: BF115386.D
Acq: 5 Jul 2019 9:46

Instrument :
BNA_F
ClientSampleId :

Tot Ion:113 Resp: 146922
Ion Ratio Lower Upper
113 100
55 161.9 141.9 181.9
56 118.7 98.7 138.7

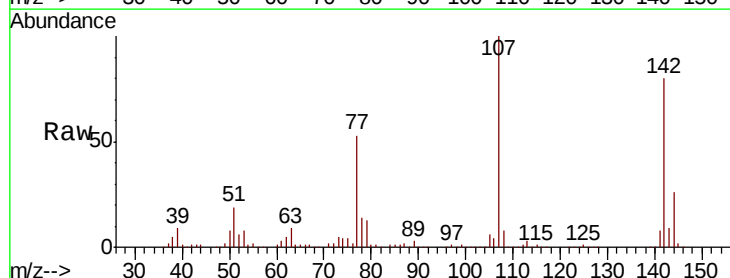


Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF1
Ion 56.00 (55.70 to 56.70): BF1

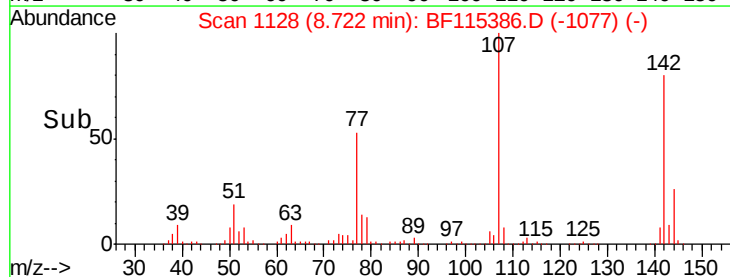
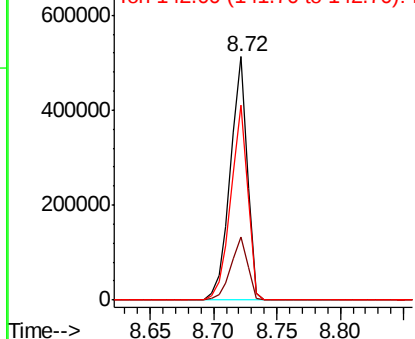


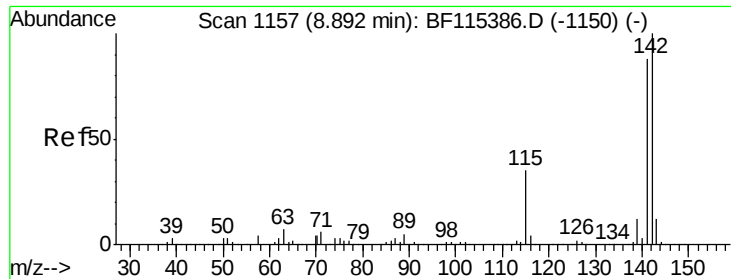
#36
4-Chloro-3-methylphenol
Concen: 41.247 ng
RT: 8.72 min Scan# 1128
Delta R.T. 0.00 min
Lab File: BF115386.D
Acq: 5 Jul 2019 9:46

Tgt Ion:107 Resp: 475591
Ion Ratio Lower Upper
107 100
144 26.0 20.8 31.2
142 80.0 64.0 96.0



Abundance Ion 107.00 (106.70 to 107.70): E
Ion 144.00 (143.70 to 144.70): E
Ion 142.00 (141.70 to 142.70): E

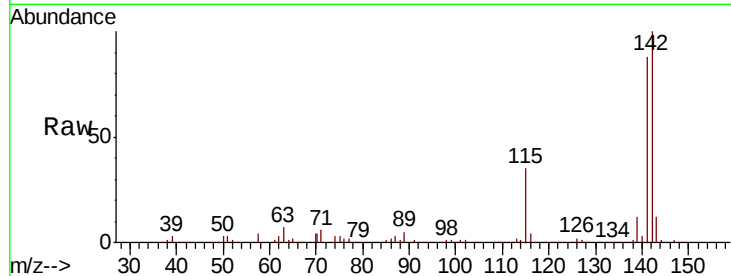




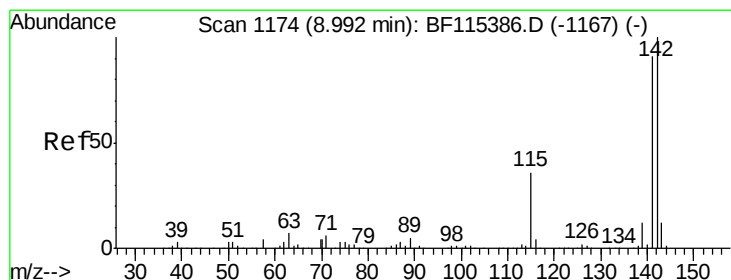
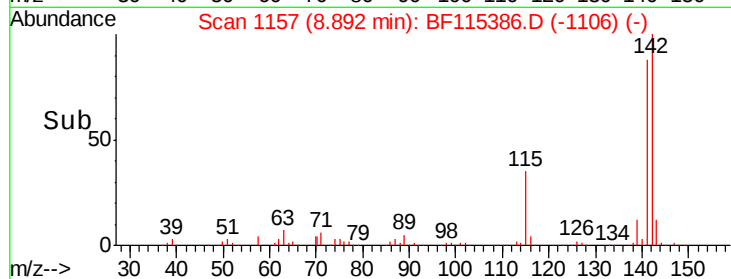
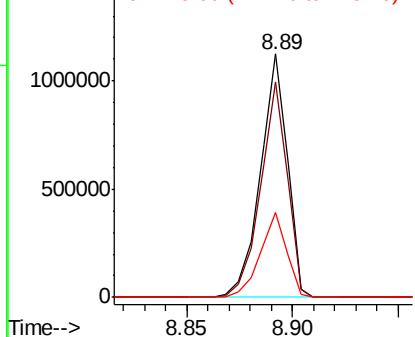
#37
2-Methylnaphthalene
Concen: 39.649 ng
RT: 8.89 min Scan# 1157
Delta R.T. 0.00 min
Lab File: BF115386.D
Acq: 5 Jul 2019 9:46

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.3	70.6	106.0
115	34.8	27.8	41.8

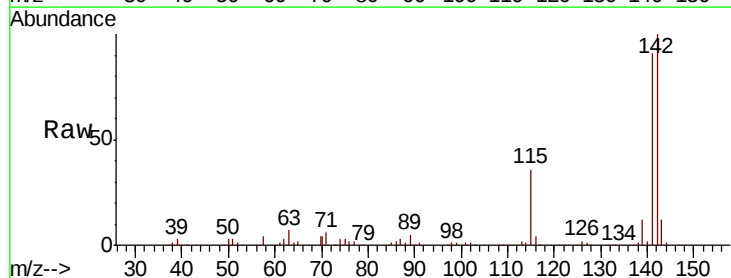


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

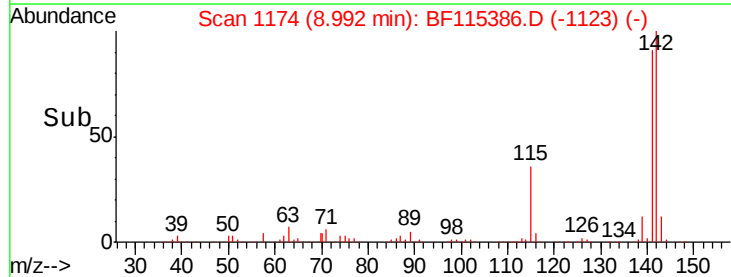
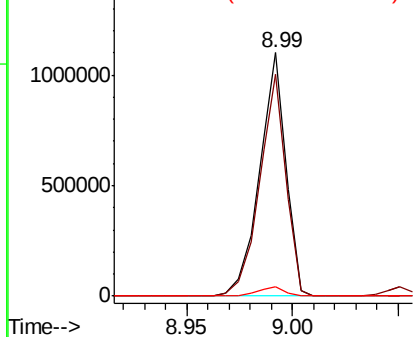


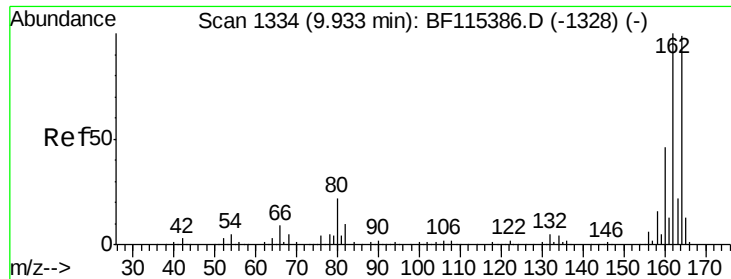
#38
1-Methylnaphthalene
Concen: 39.427 ng
RT: 8.99 min Scan# 1174
Delta R.T. 0.00 min
Lab File: BF115386.D
Acq: 5 Jul 2019 9:46

Tgt Ion	Ratio	Lower	Upper
142	100		
141	90.9	72.7	109.1
116	3.7	3.0	4.4



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 116.00 (115.70 to 116.70): E

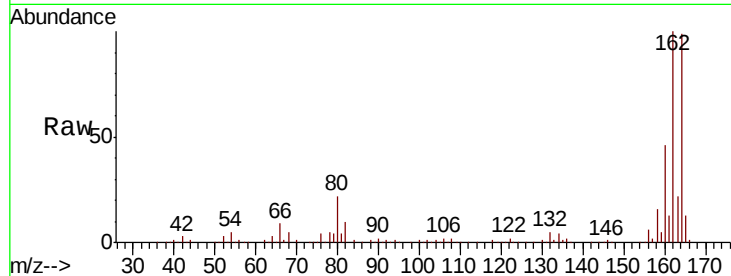




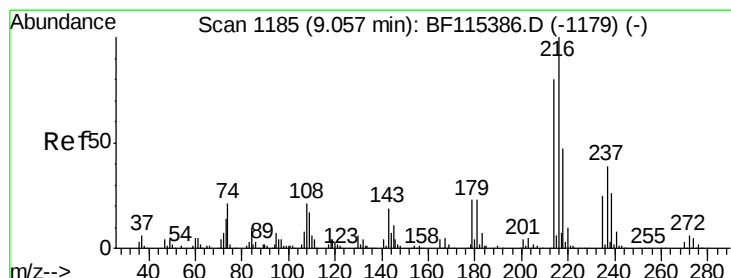
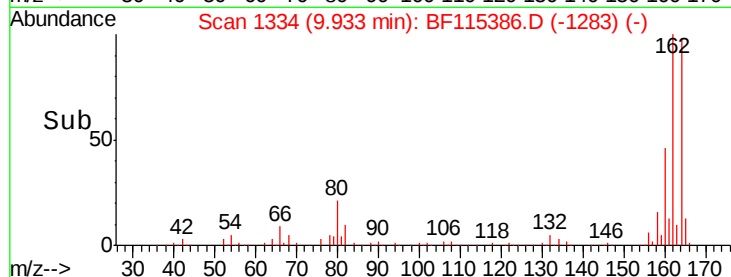
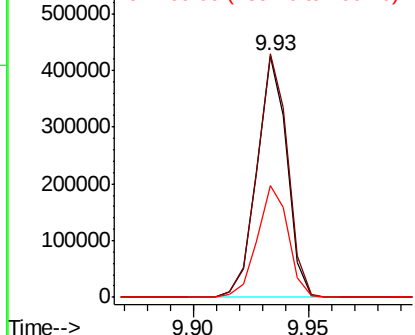
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.93 min Scan# 1334
Delta R.T. 0.00 min
Lab File: BF115386.D
Acq: 5 Jul 2019 9:46

Instrument :
BNA_F
ClientSampled :

Tot Ion:164 Resp: 386005
Ion Ratio Lower Upper
164 100
162 100.8 80.6 121.0
160 46.3 37.0 55.6

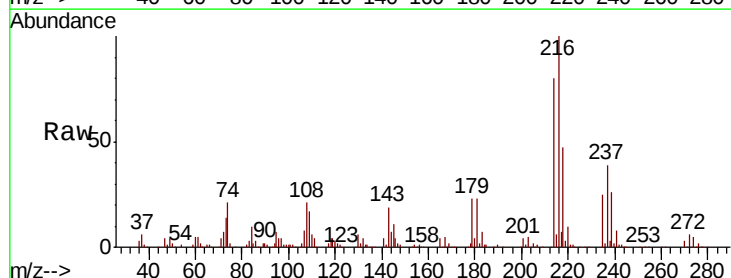


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

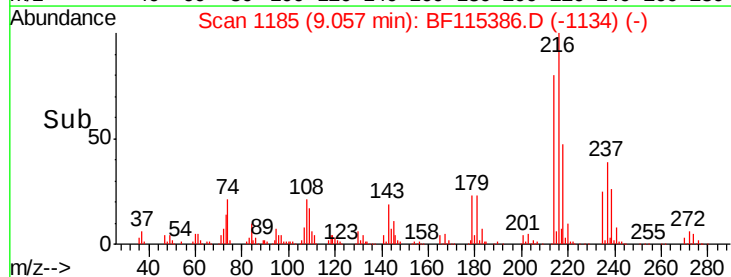
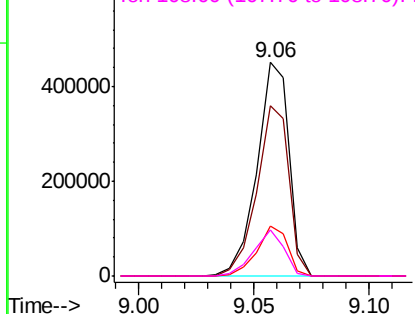


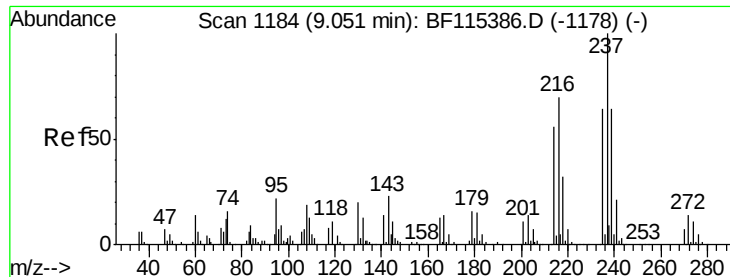
#40
1,2,4,5-Tetrachlorobenzene
Concen: 39.964 ng
RT: 9.06 min Scan# 1185
Delta R.T. 0.00 min
Lab File: BF115386.D
Acq: 5 Jul 2019 9:46

Tgt Ion:216 Resp: 435919
Ion Ratio Lower Upper
216 100
214 79.6 63.7 95.5
179 22.3 17.8 26.8
108 20.9 16.7 25.1



Abundance Ion 216.00 (215.70 to 216.70): E
Ion 214.00 (213.70 to 214.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 108.00 (107.70 to 108.70): E

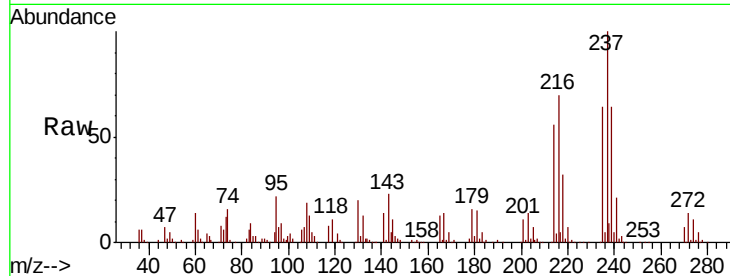




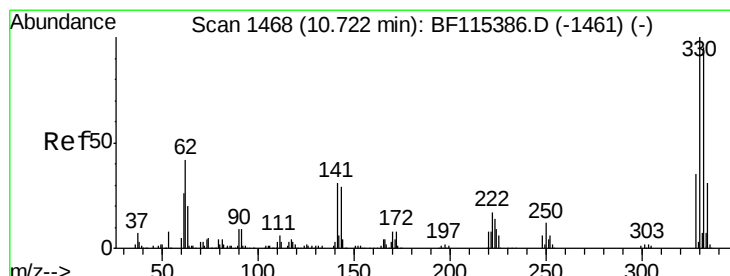
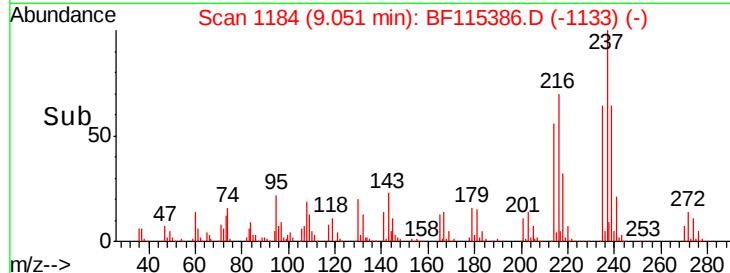
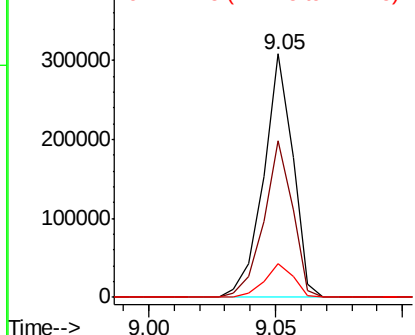
#41
Hexachlorocyclopentadiene
Concen: 38.660 ng
RT: 9.05 min Scan# 1184
Delta R.T. 0.00 min
Lab File: BF115386.D
Acq: 5 Jul 2019 9:46

Instrument :
BNA_F
ClientSampleId :

Tot Ion:237 Resp: 250048
Ion Ratio Lower Upper
237 100
235 64.4 44.4 84.4
272 13.7 0.0 33.7

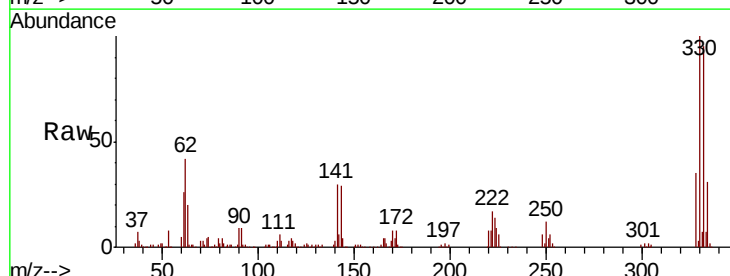


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

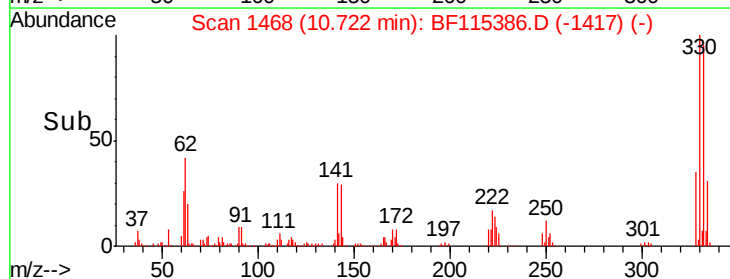
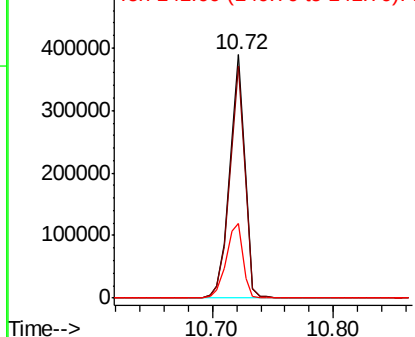


#42
2,4,6-Tribromophenol
Concen: 84.269 ng
RT: 10.72 min Scan# 1468
Delta R.T. 0.00 min
Lab File: BF115386.D
Acq: 5 Jul 2019 9:46

Tgt Ion:330 Resp: 343022
Ion Ratio Lower Upper
330 100
332 95.4 76.3 114.5
141 33.7 27.0 40.4



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

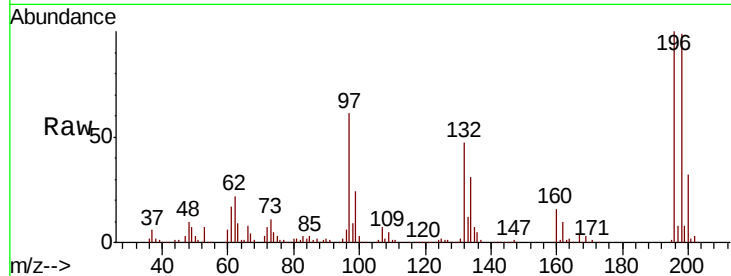




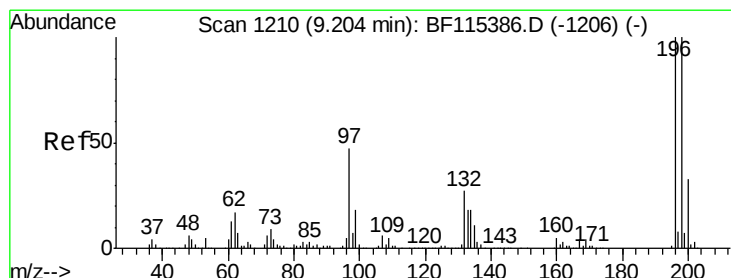
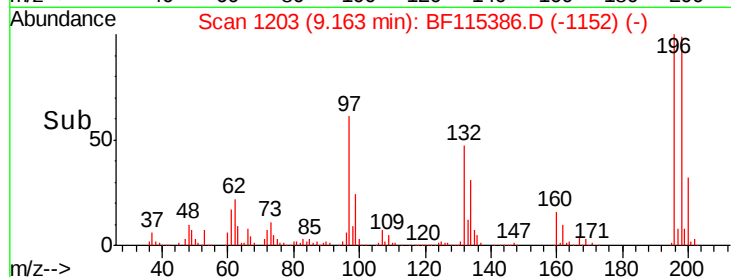
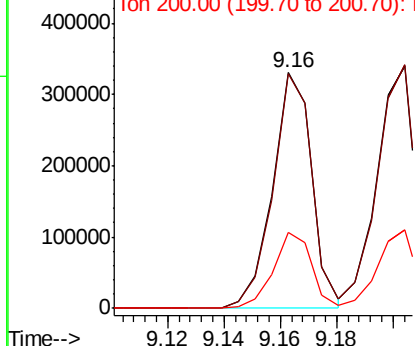
#43
 2,4,6-Trichlorophenol
 Concen: 37.799 ng
 RT: 9.16 min Scan# 1203
 Delta R.T. 0.00 min
 Lab File: BF115386.D
 Acq: 5 Jul 2019 9:46

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	196	Resp	318316
Ion Ratio	Lower	Upper	
196	100		
198	99.4	79.5	119.3
200	32.3	25.8	38.8

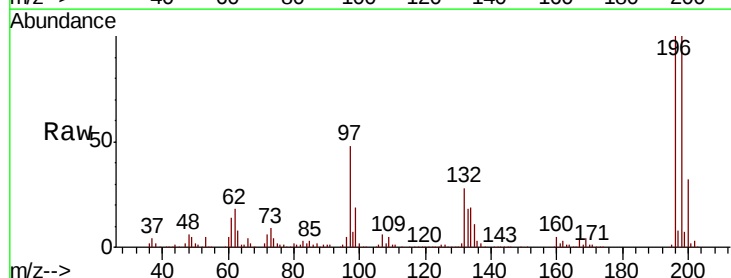


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

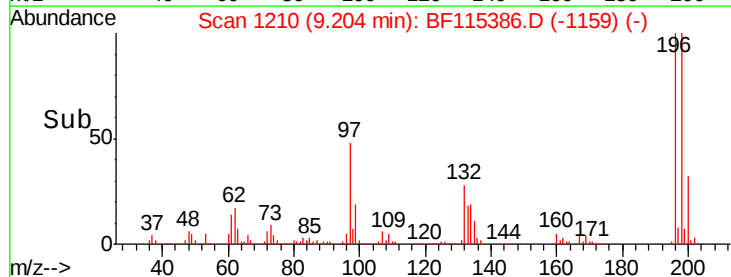
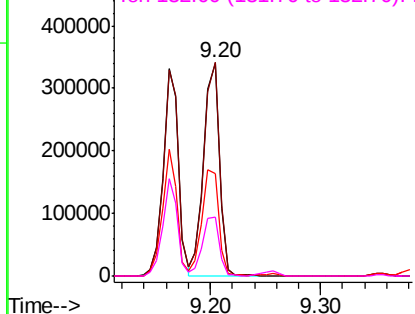


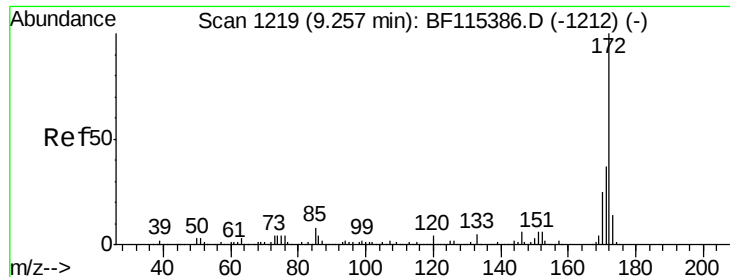
#44
 2,4,5-Trichlorophenol
 Concen: 38.167 ng
 RT: 9.20 min Scan# 1210
 Delta R.T. 0.00 min
 Lab File: BF115386.D
 Acq: 5 Jul 2019 9:46

Tgt Ion	196	Resp	330996
Ion Ratio	Lower	Upper	
196	100		
198	100.4	80.3	120.5
97	47.9	38.3	57.5
132	27.7	22.2	33.2



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



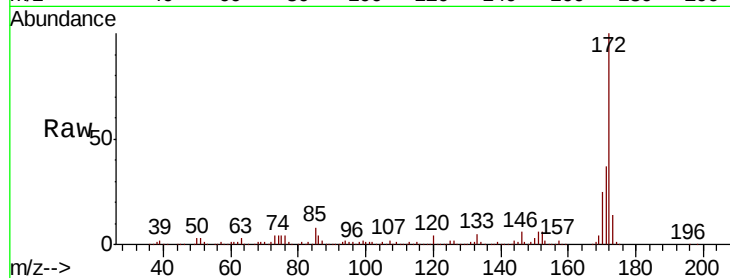


#45
 2-Fluorobiphenyl
 Concen: 79.615 ng
 RT: 9.26 min Scan# 1219
 Delta R.T. 0.00 min
 Lab File: BF115386.D
 Acq: 5 Jul 2019 9:46

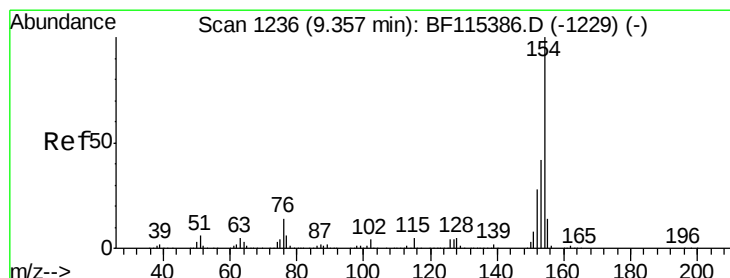
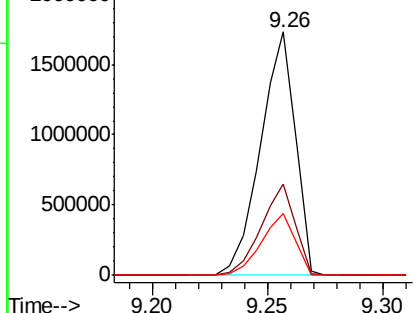
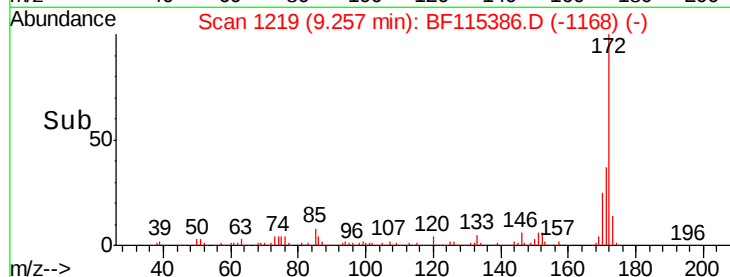
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 1809223

Ion	Ratio	Lower	Upper
172	100		
171	37.3	29.8	44.8
170	25.3	20.2	30.4



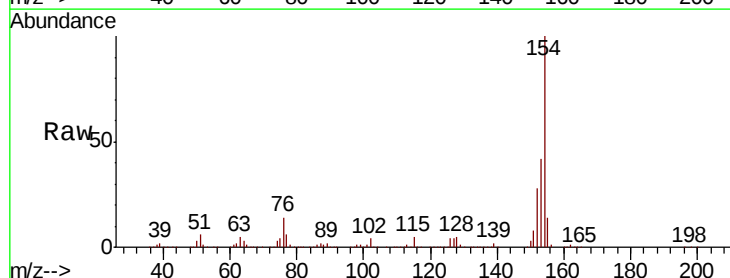
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



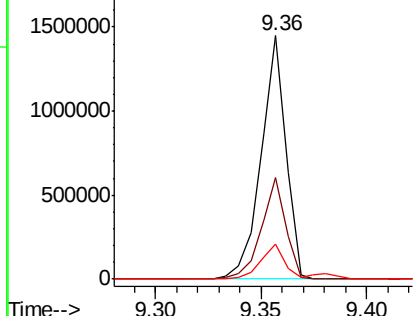
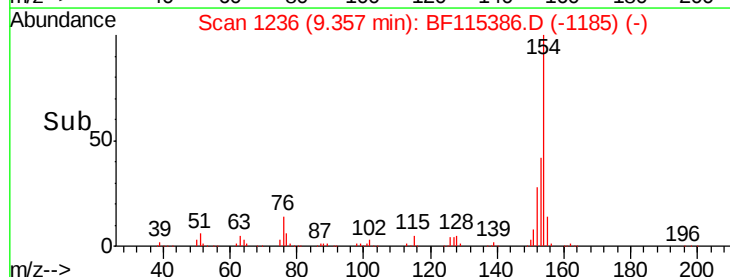
#46
 1,1'-Biphenyl
 Concen: 38.345 ng
 RT: 9.36 min Scan# 1236
 Delta R.T. 0.00 min
 Lab File: BF115386.D
 Acq: 5 Jul 2019 9:46

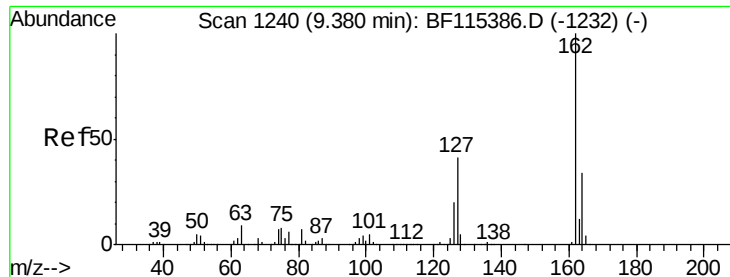
Tgt Ion:154 Resp: 1184316

Ion	Ratio	Lower	Upper
154	100		
153	41.9	21.9	61.9
76	14.3	0.0	34.3



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

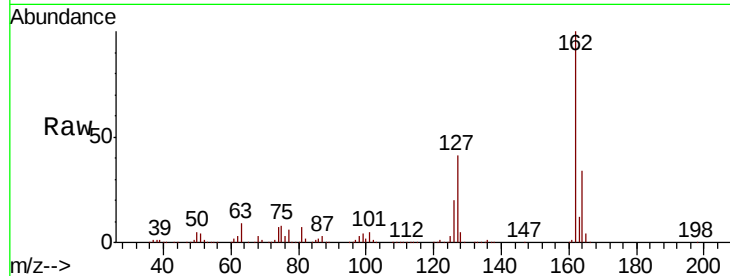




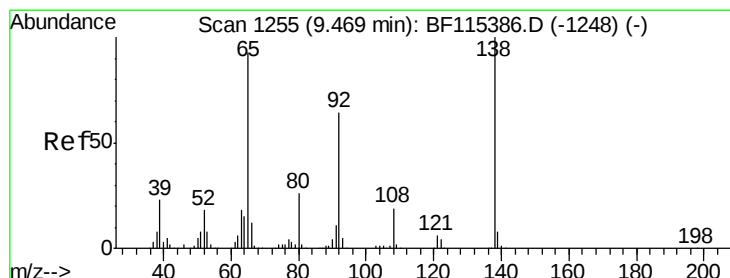
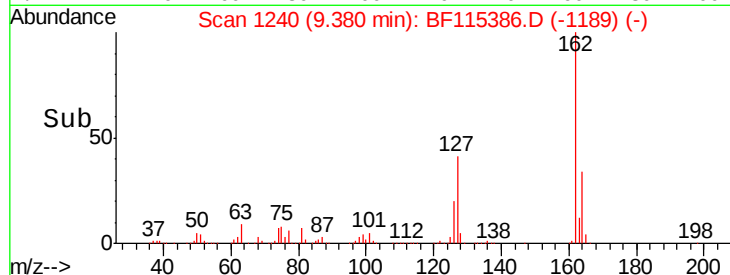
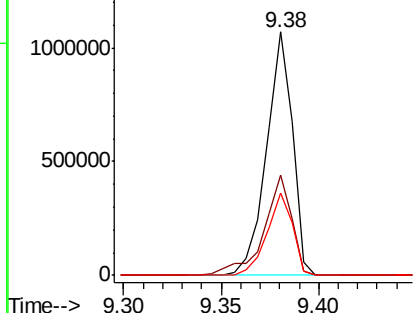
#47
 2-Chloronaphthalene
 Concen: 39.277 ng
 RT: 9.38 min Scan# 1240
 Delta R.T. 0.00 min
 Lab File: BF115386.D
 Acq: 5 Jul 2019 9:46

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
162	100		
127	41.0	32.8	49.2
164	33.8	27.0	40.6

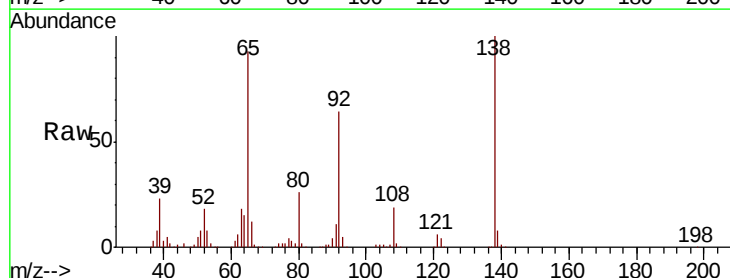


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

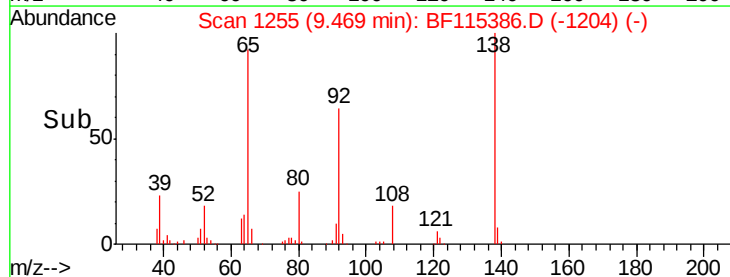
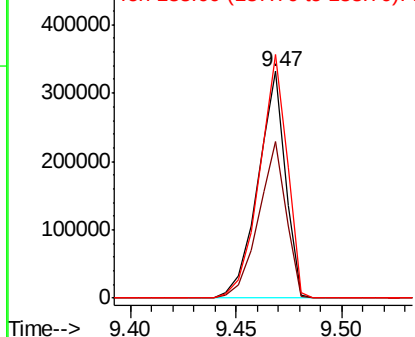


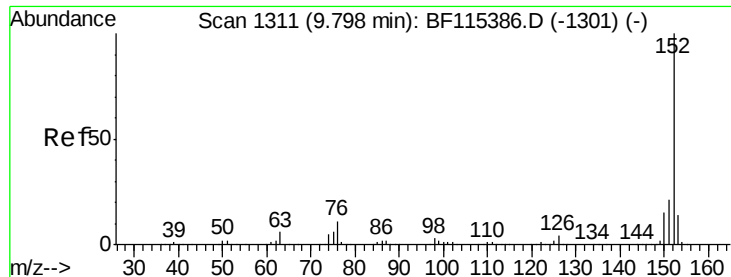
#48
 2-Nitroaniline
 Concen: 41.089 ng
 RT: 9.47 min Scan# 1255
 Delta R.T. 0.00 min
 Lab File: BF115386.D
 Acq: 5 Jul 2019 9:46

Tgt Ion	Ratio	Lower	Upper
65	100		
92	69.2	55.4	83.0
138	107.3	85.8	128.8



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: 38.126 ng

RT: 9.80 min Scan# 1311

Delta R.T. 0.00 min

Lab File: BF115386.D

Acq: 5 Jul 2019 9:46

Instrument :

BNA_F

ClientSampleId :

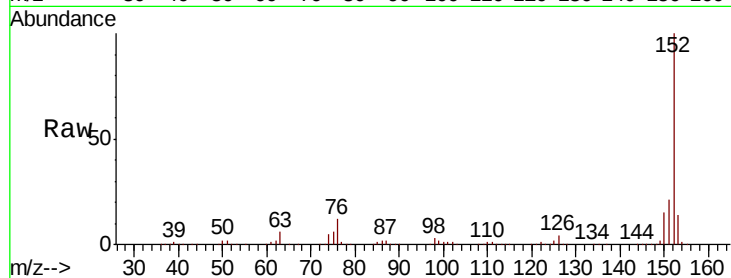
Tot Ion:152 Resp: 1488202

Ion Ratio Lower Upper

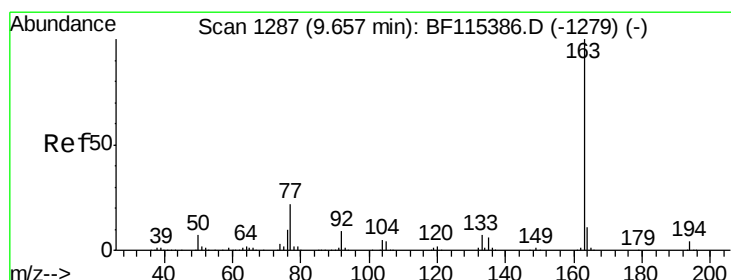
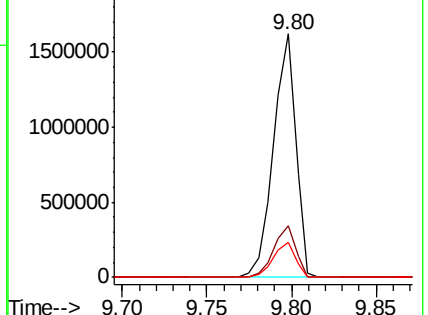
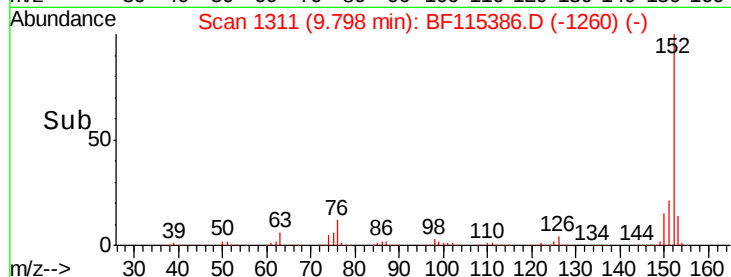
152 100

151 21.2 17.0 25.4

153 14.3 11.4 17.2



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 40.263 ng

RT: 9.66 min Scan# 1287

Delta R.T. 0.00 min

Lab File: BF115386.D

Acq: 5 Jul 2019 9:46

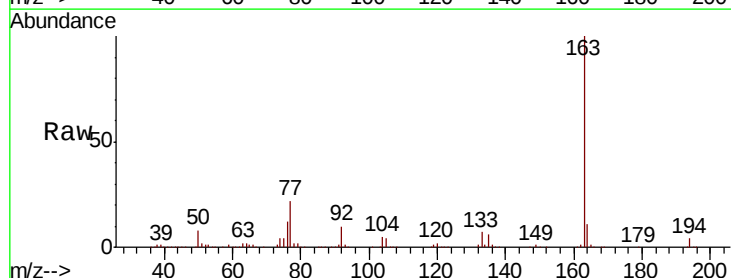
Tgt Ion:163 Resp: 1143445

Ion Ratio Lower Upper

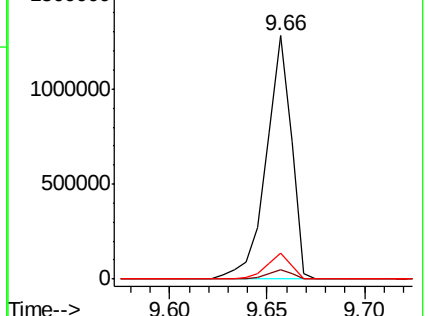
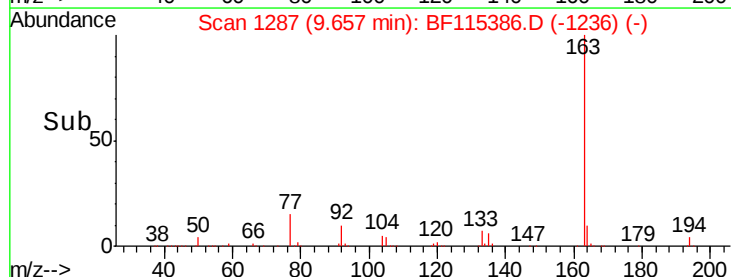
163 100

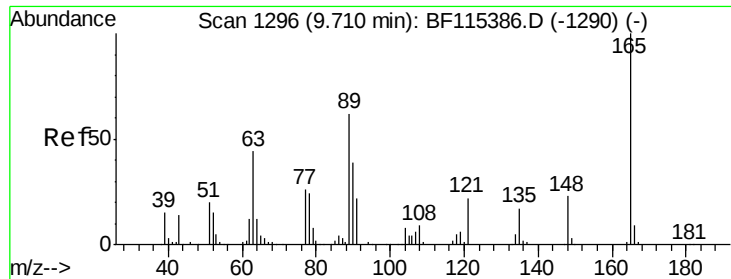
194 4.0 3.2 4.8

164 10.6 8.5 12.7



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

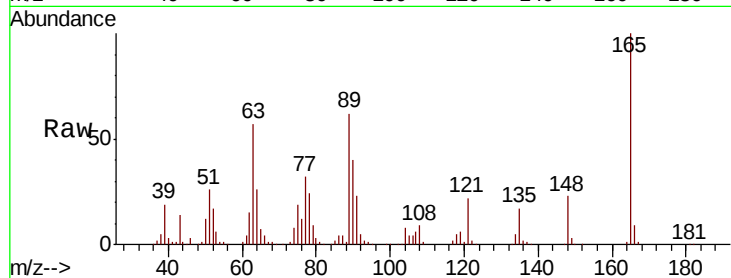




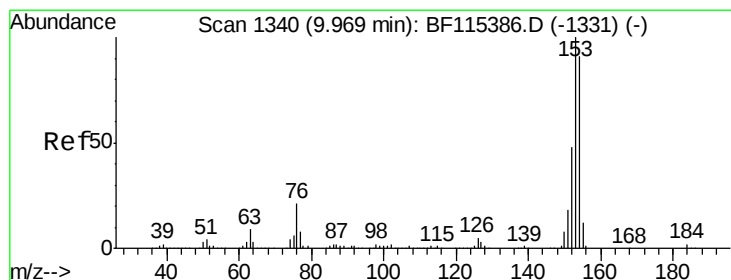
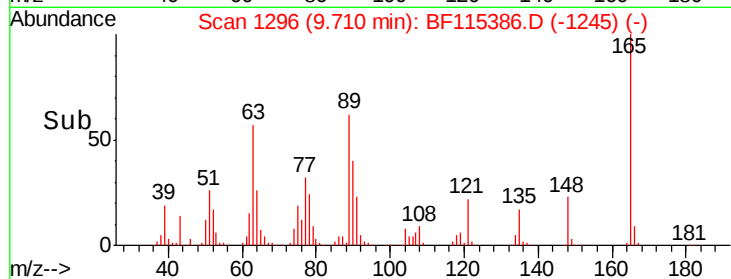
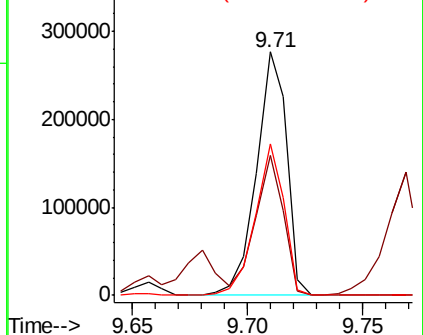
#51
 2,6-Dinitrotoluene
 Concen: 38.553 ng
 RT: 9.71 min Scan# 1296
 Delta R.T. 0.00 min
 Lab File: BF115386.D
 Acq: 5 Jul 2019 9:46

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:165 Resp: 252769
 Ion Ratio Lower Upper
 165 100
 63 57.2 45.8 68.6
 89 62.4 49.9 74.9

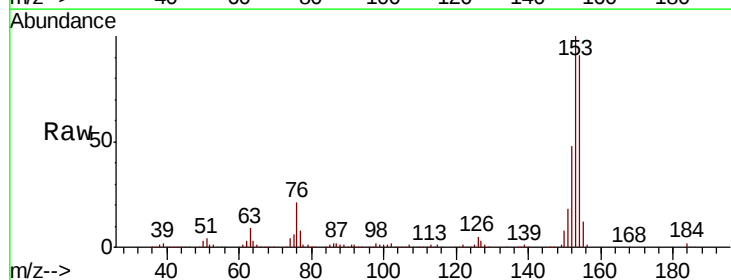


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

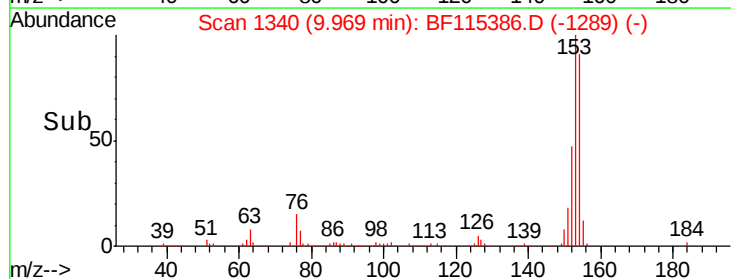
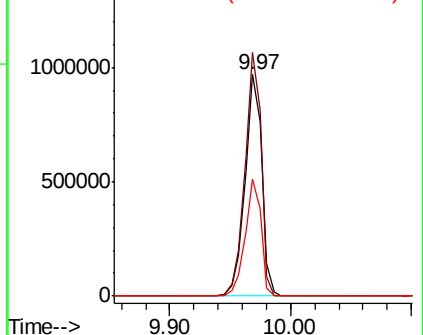


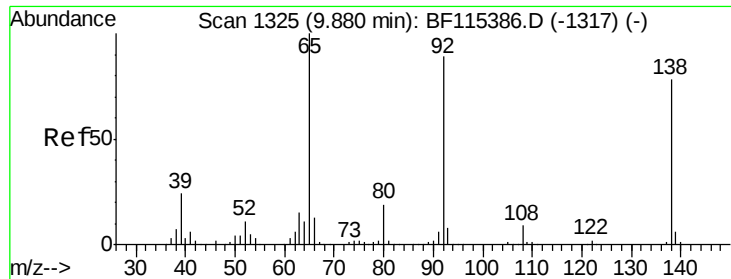
#52
 Acenaphthene
 Concen: 38.689 ng
 RT: 9.97 min Scan# 1340
 Delta R.T. 0.00 min
 Lab File: BF115386.D
 Acq: 5 Jul 2019 9:46

Tgt Ion:154 Resp: 944984
 Ion Ratio Lower Upper
 154 100
 153 109.9 87.9 131.9
 152 52.7 42.2 63.2



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

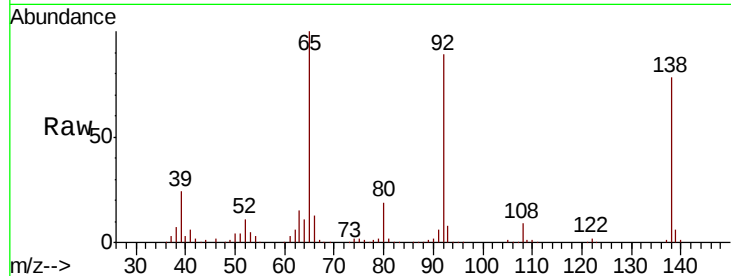




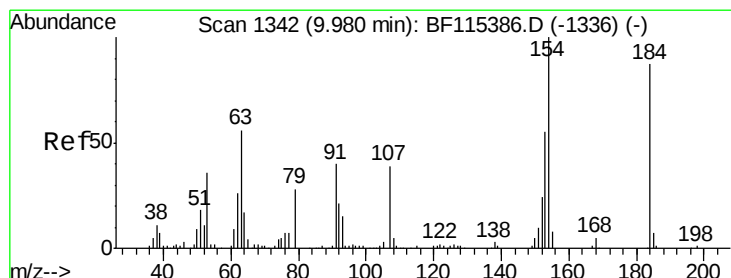
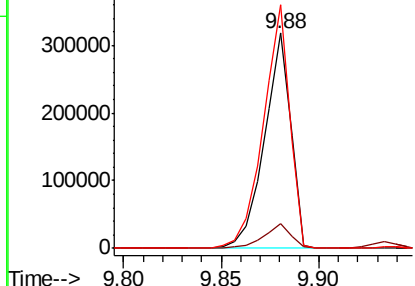
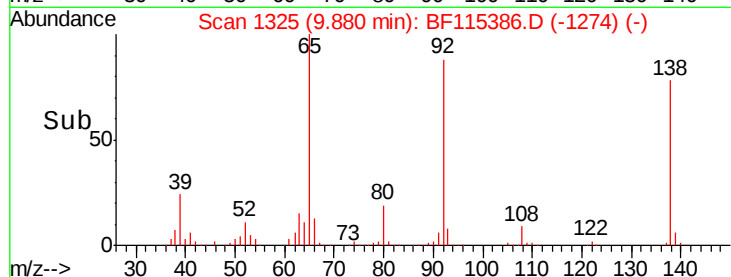
#53
3-Nitroaniline
Concen: 37.113 ng
RT: 9.88 min Scan# 1325
Delta R.T. 0.00 min
Lab File: BF115386.D
Acq: 5 Jul 2019 9:46

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 296942
Ion Ratio Lower Upper
138 100
108 11.2 9.0 13.4
92 113.1 90.5 135.7

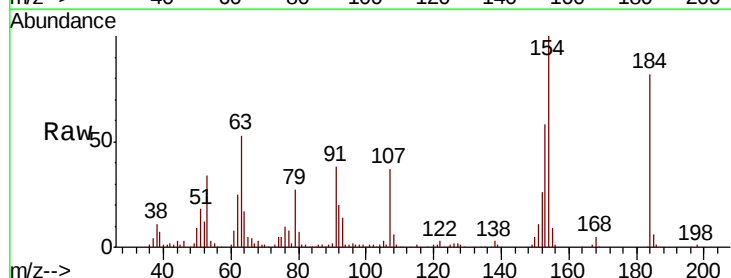


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

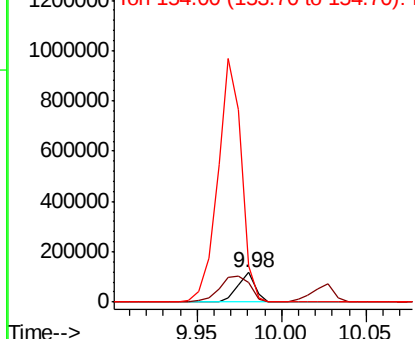
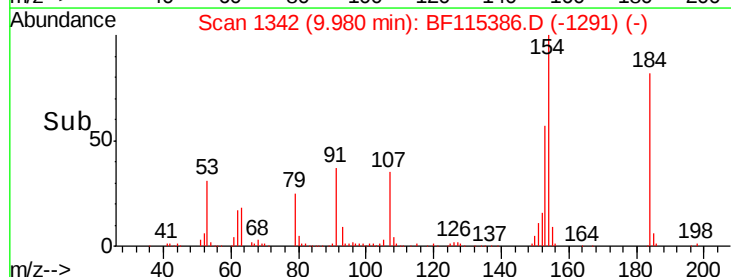


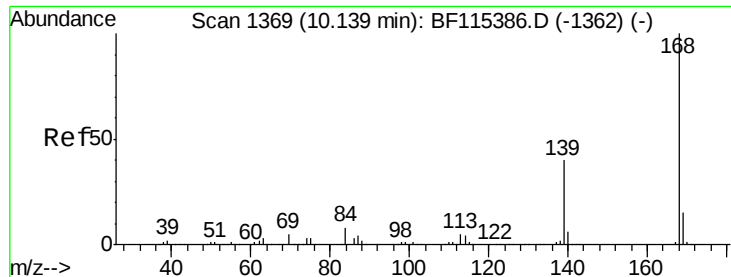
#54
2,4-Dinitrophenol
Concen: 29.903 ng
RT: 9.98 min Scan# 1342
Delta R.T. 0.00 min
Lab File: BF115386.D
Acq: 5 Jul 2019 9:46

Tgt Ion:184 Resp: 86486
Ion Ratio Lower Upper
184 100
63 65.1 52.1 78.1
154 122.1 97.7 146.5



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





#55

Dibenzofuran

Concen: 37.759 ng

RT: 10.14 min Scan# 1369

Delta R.T. 0.00 min

Lab File: BF115386.D

Acq: 5 Jul 2019 9:46

Instrument :

BNA_F

ClientSampleId :

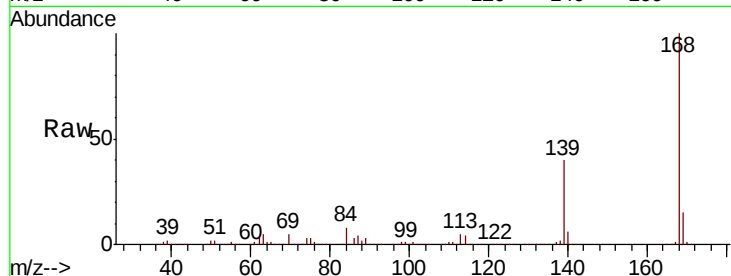
Tot Ion:168 Resp: 1323709

Ion Ratio Lower Upper

168 100

139 40.2 32.2 48.2

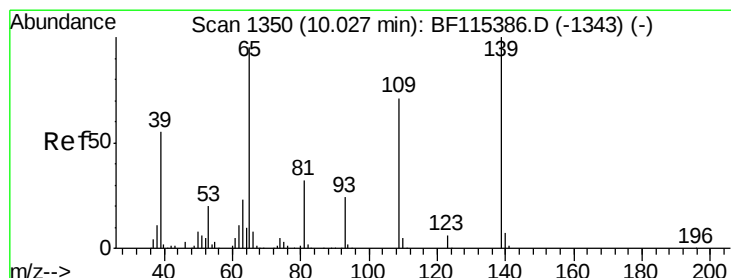
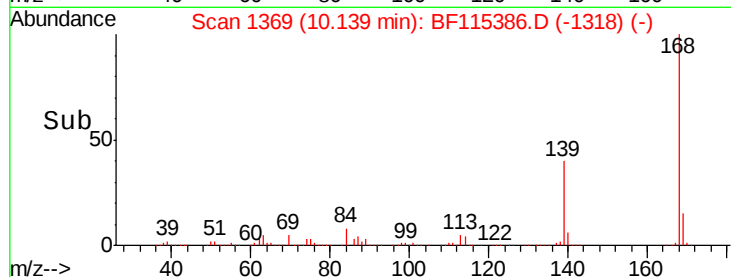
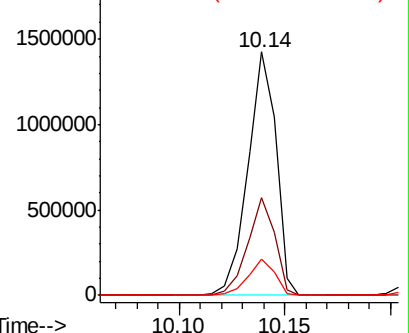
169 14.6 11.7 17.5



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: 36.122 ng

RT: 10.03 min Scan# 1350

Delta R.T. 0.00 min

Lab File: BF115386.D

Acq: 5 Jul 2019 9:46

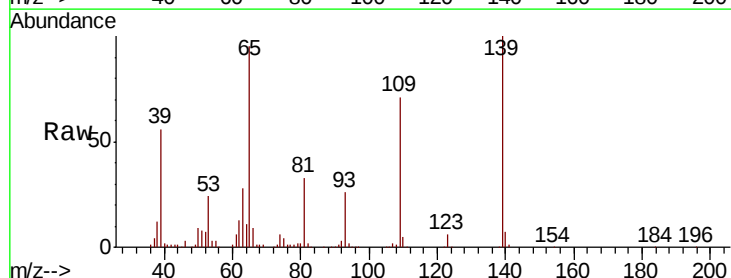
Tgt Ion:139 Resp: 231702

Ion Ratio Lower Upper

139 100

109 71.1 51.1 91.1

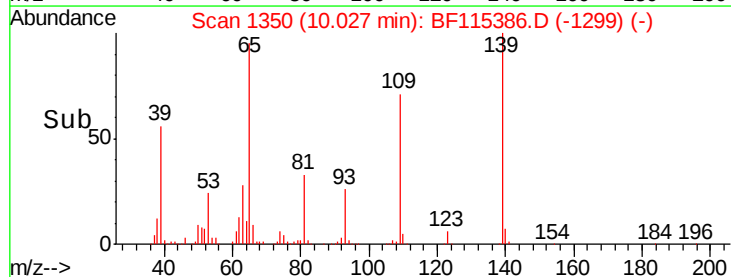
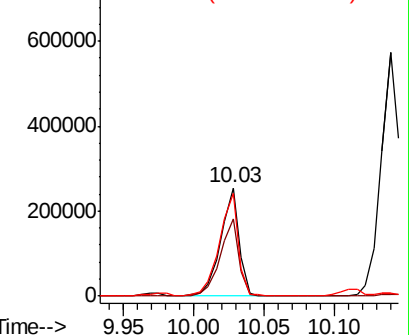
65 95.2 75.2 115.2

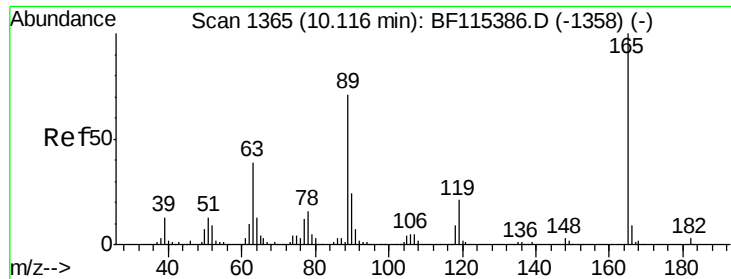


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

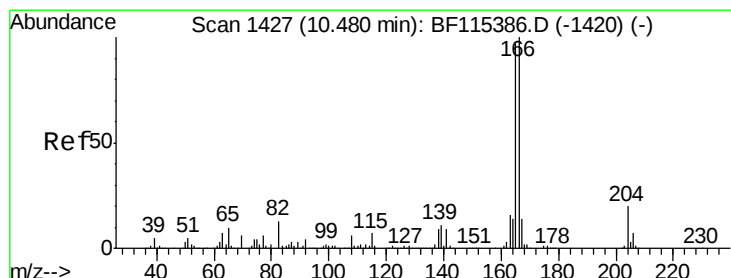
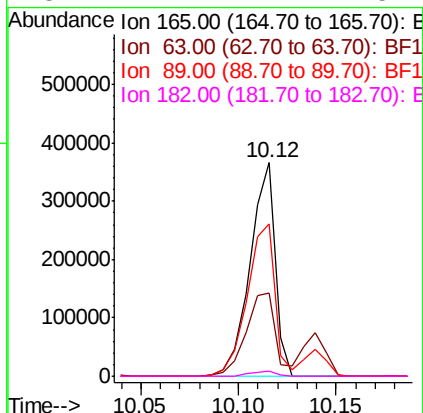
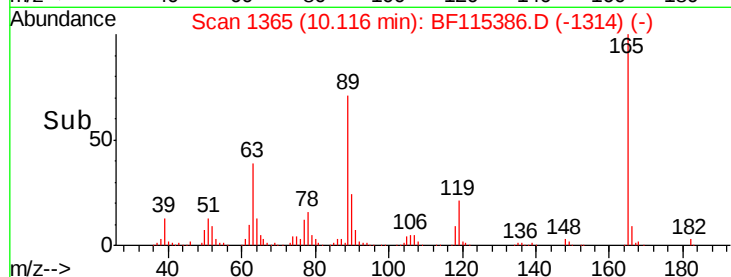
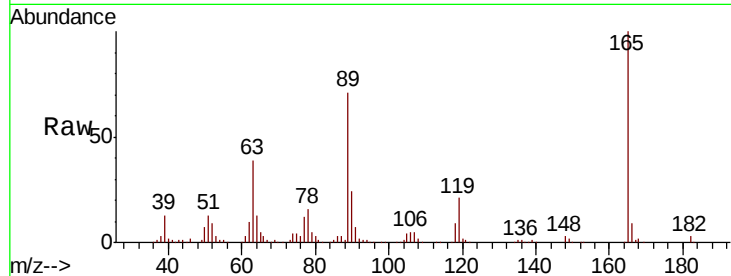




#57
2,4-Dinitrotoluene
Concen: 38.568 ng
RT: 10.12 min Scan# 1365
Delta R.T. 0.00 min
Lab File: BF115386.D
Acq: 5 Jul 2019 9:46

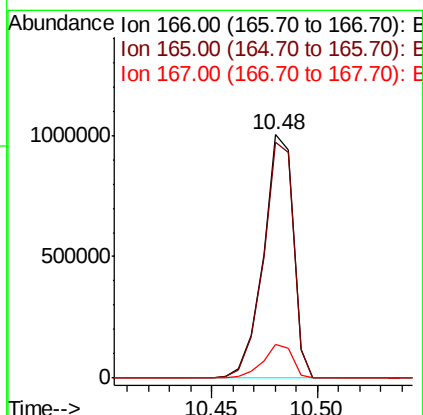
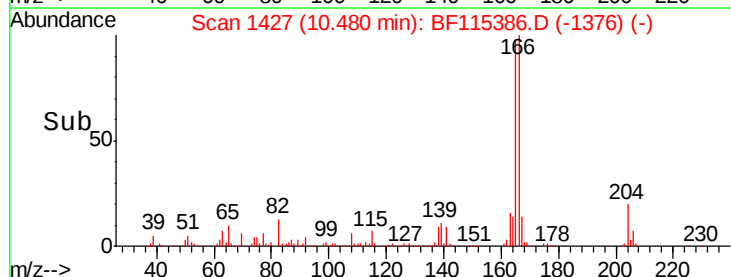
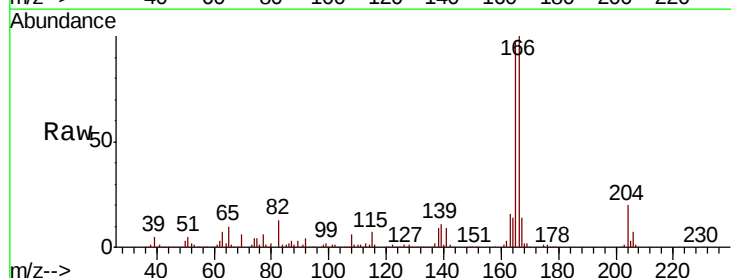
Instrument :
BNA_F
ClientSampleId :

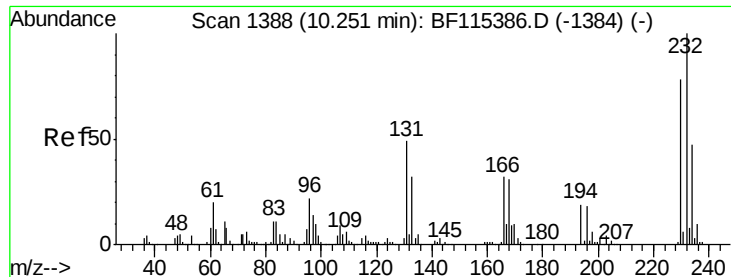
Tot Ion	Ratio	Lower	Upper
165	100		
63	39.2	31.4	47.0
89	71.4	57.1	85.7
182	2.7	2.2	3.2



#58
Fluorene
Concen: 37.788 ng
RT: 10.48 min Scan# 1427
Delta R.T. 0.00 min
Lab File: BF115386.D
Acq: 5 Jul 2019 9:46

Tgt Ion	Ratio	Lower	Upper
166	100		
165	97.2	77.8	116.6
167	13.8	11.0	16.6

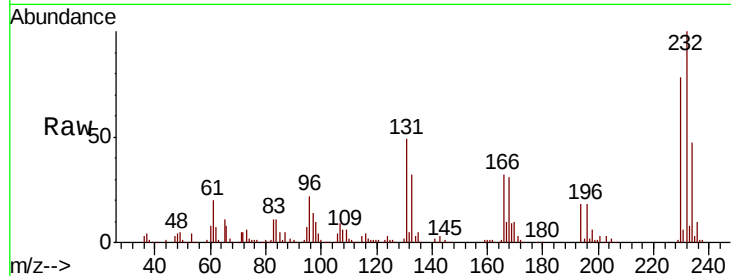




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 40.162 ng
 RT: 10.25 min Scan# 1388
 Delta R.T. 0.00 min
 Lab File: BF115386.D
 Acq: 5 Jul 2019 9:46

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
232	100		
131	45.8	36.6	55.0
130	2.3	1.8	2.8
166	30.7	24.6	36.8



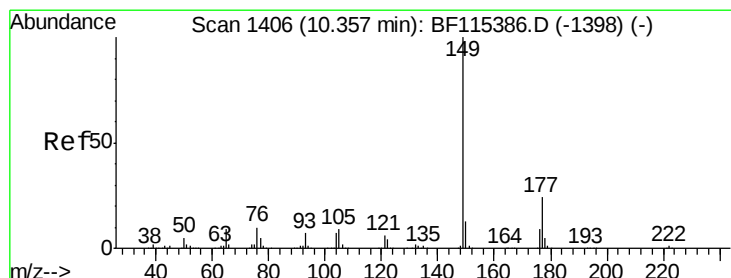
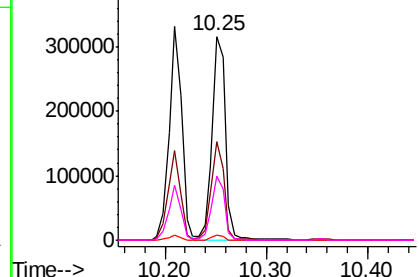
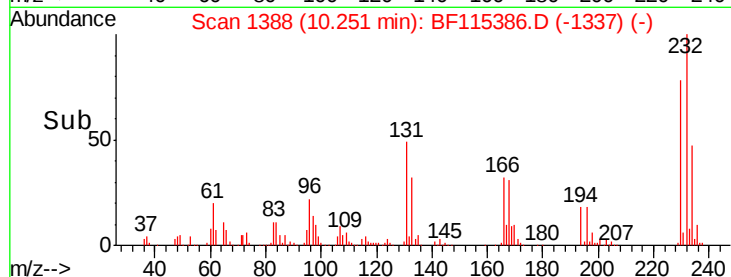
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

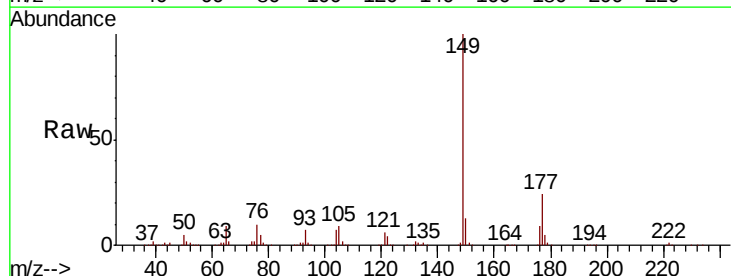
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
 Diethylphthalate
 Concen: 40.005 ng
 RT: 10.36 min Scan# 1406
 Delta R.T. 0.00 min
 Lab File: BF115386.D
 Acq: 5 Jul 2019 9:46

Tgt Ion	Ratio	Lower	Upper
149	100		
177	23.5	18.8	28.2
150	12.7	10.2	15.2

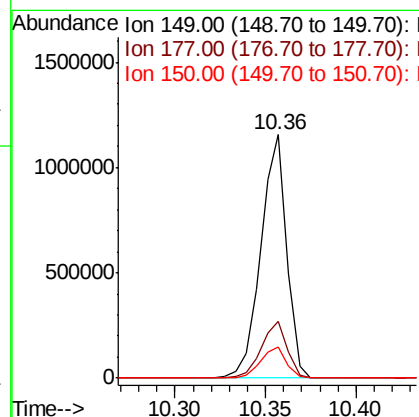
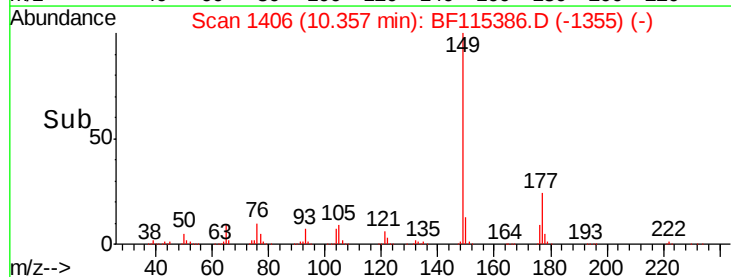


Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

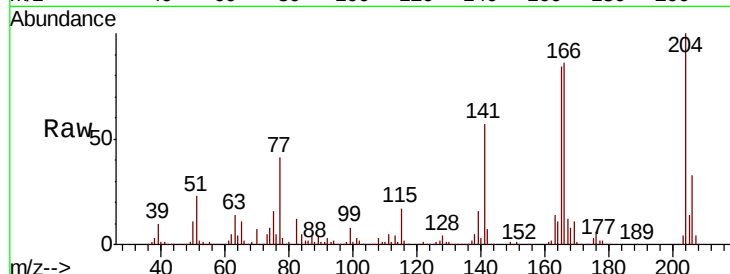




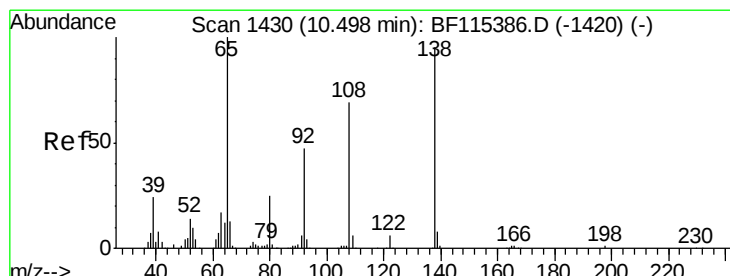
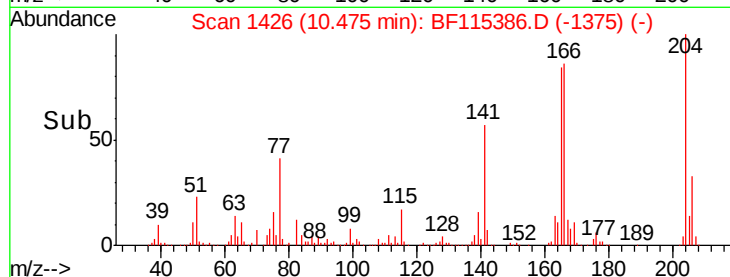
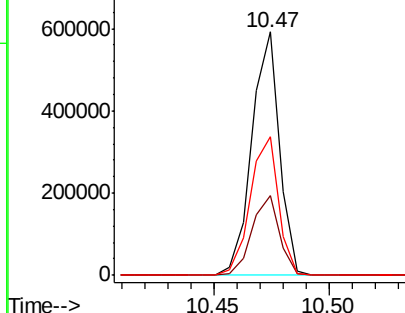
#61
 4-Chlorophenyl-phenylether
 Concen: 39.928 ng
 RT: 10.47 min Scan# 1426
 Delta R.T. 0.00 min
 Lab File: BF115386.D
 Acq: 5 Jul 2019 9:46

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.6	26.1	39.1
141	57.2	45.8	68.6

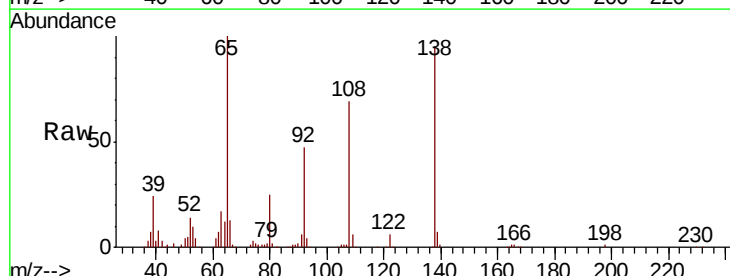


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

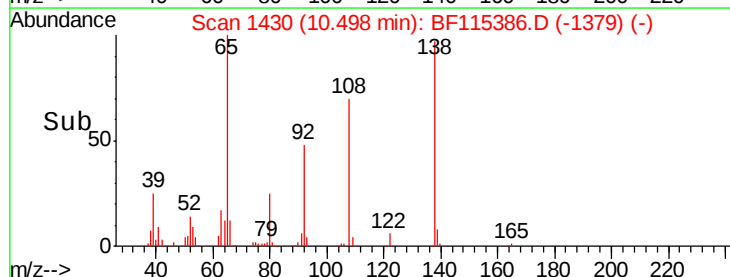
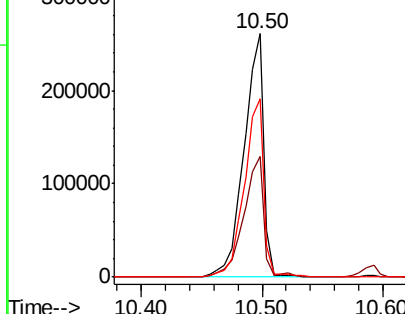


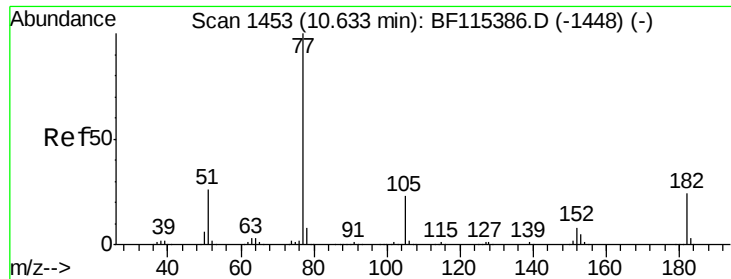
#62
 4-Nitroaniline
 Concen: 36.823 ng
 RT: 10.50 min Scan# 1430
 Delta R.T. 0.00 min
 Lab File: BF115386.D
 Acq: 5 Jul 2019 9:46

Tgt Ion	Ratio	Lower	Upper
138	100		
92	49.3	29.3	69.3
108	73.2	53.2	93.2



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



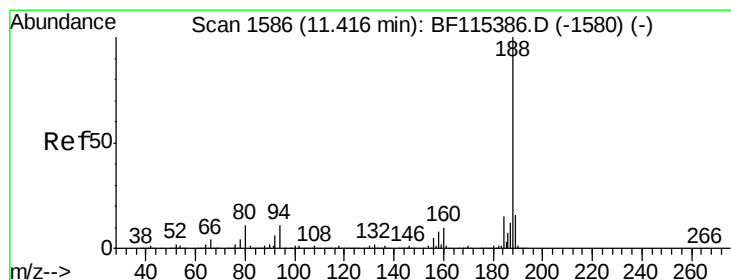
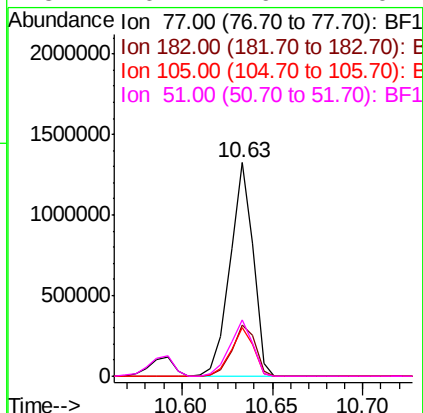
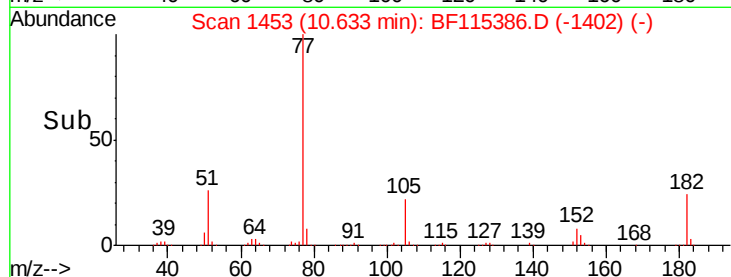
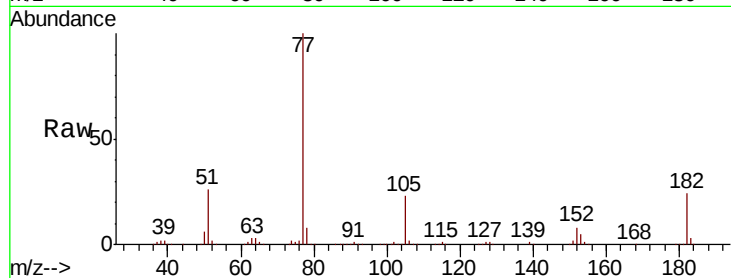


#63
Azobenzene
Concen: 43.982 ng
RT: 10.63 min Scan# 1453
Delta R.T. 0.00 min
Lab File: BF115386.D
Acq: 5 Jul 2019 9:46

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 77 Resp: 1172726

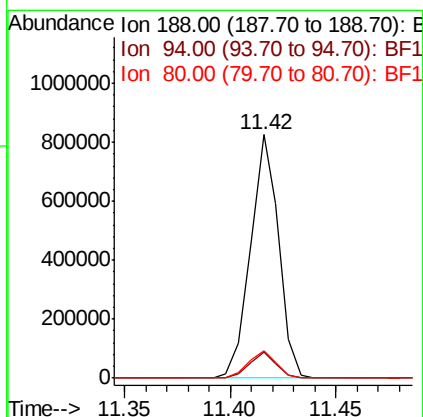
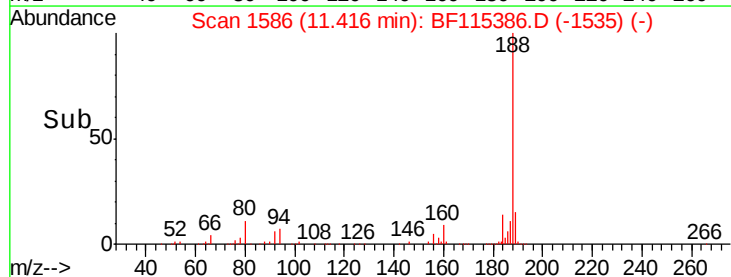
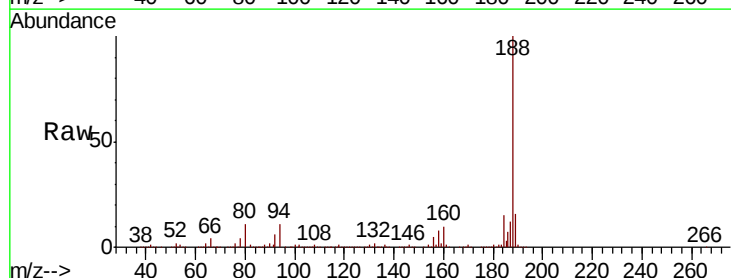
Ion	Ratio	Lower	Upper
77	100		
182	24.1	4.1	44.1
105	22.6	2.6	42.6
51	26.4	6.4	46.4

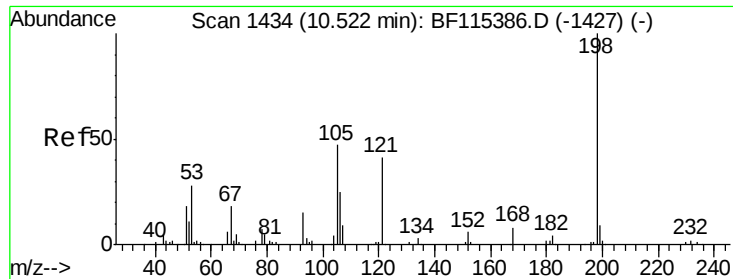


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.42 min Scan# 1586
Delta R.T. 0.00 min
Lab File: BF115386.D
Acq: 5 Jul 2019 9:46

Tgt Ion: 188 Resp: 763728

Ion	Ratio	Lower	Upper
188	100		
94	10.6	8.5	12.7
80	11.4	9.1	13.7

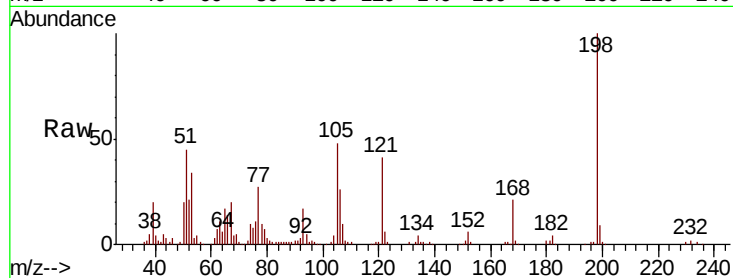




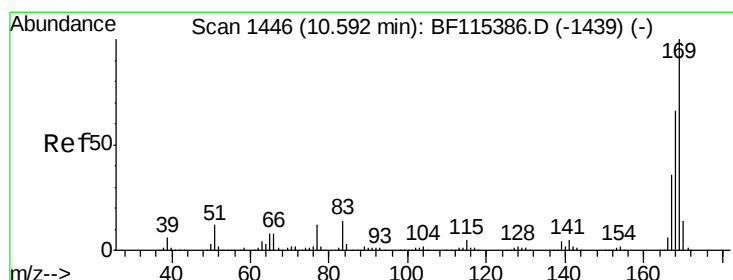
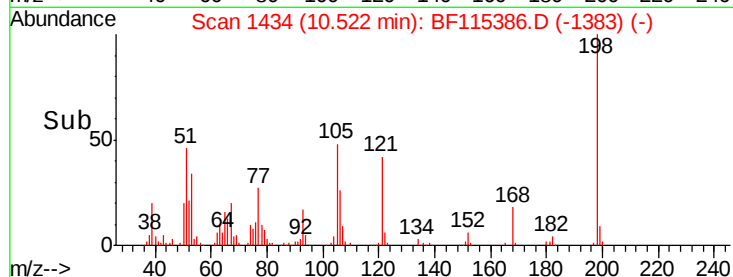
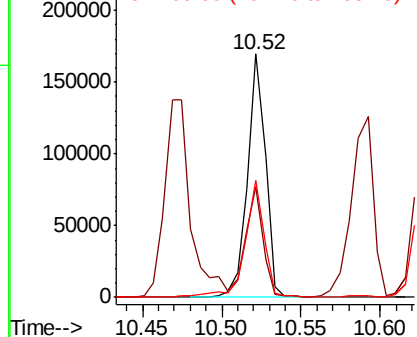
#65
4,6-Dinitro-2-methylphenol
Concen: 35.016 ng
RT: 10.52 min Scan# 1434
Delta R.T. 0.00 min
Lab File: BF115386.D
Acq: 5 Jul 2019 9:46

Instrument :
BNA_F
ClientSampleId :

Tot Ion:198 Resp: 133181
Ion Ratio Lower Upper
198 100
51 45.4 25.4 65.4
105 47.9 27.9 67.9

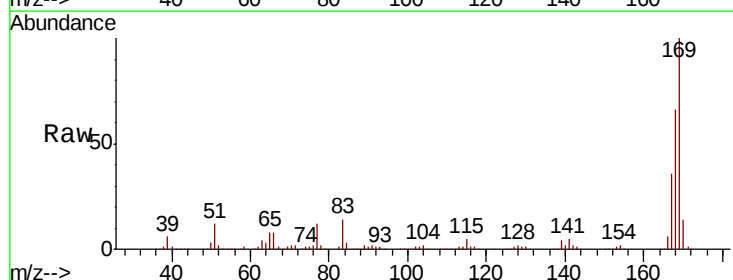


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

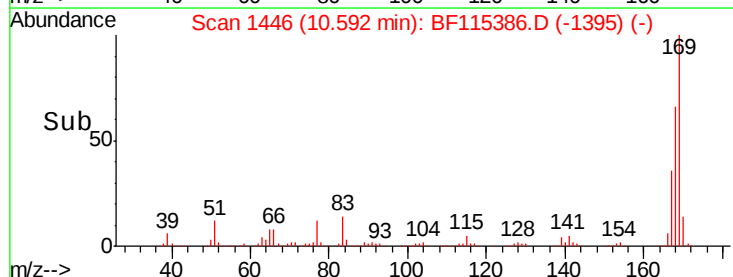
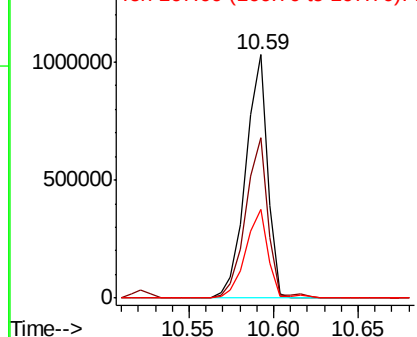


#66
n-Nitrosodiphenylamine
Concen: 39.357 ng
RT: 10.59 min Scan# 1446
Delta R.T. 0.00 min
Lab File: BF115386.D
Acq: 5 Jul 2019 9:46

Tgt Ion:169 Resp: 936441
Ion Ratio Lower Upper
169 100
168 65.8 52.6 79.0
167 36.5 29.2 43.8



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

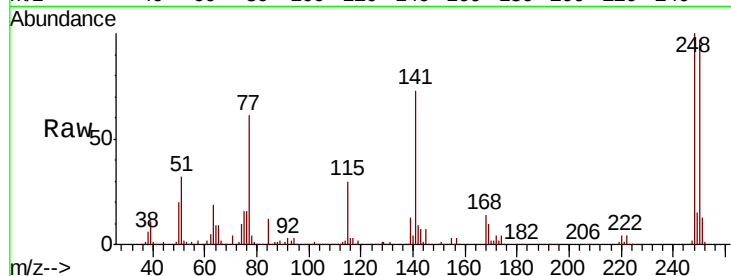




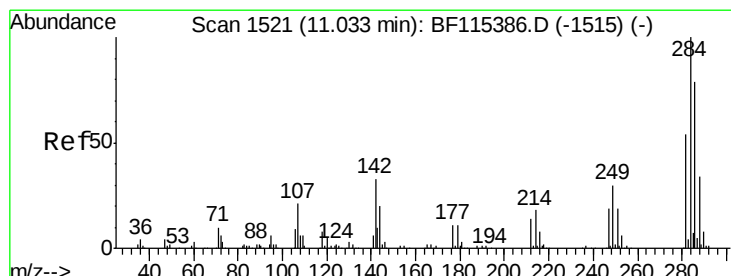
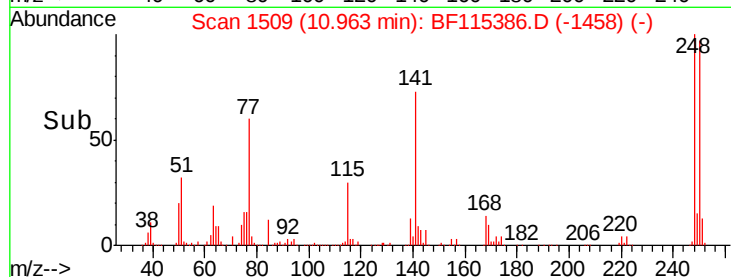
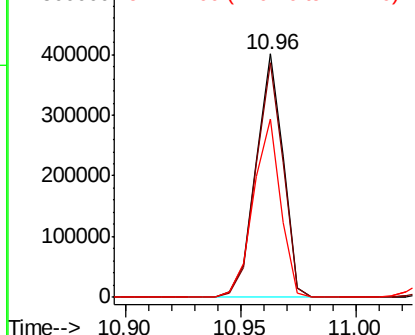
#67
4-Bromophenyl-phenylether
Concen: 39.886 ng
RT: 10.96 min Scan# 1509
Delta R.T. 0.00 min
Lab File: BF115386.D
Acq: 5 Jul 2019 9:46

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 330270
Ion Ratio Lower Upper
248 100
250 96.6 77.3 115.9
141 73.1 58.5 87.7

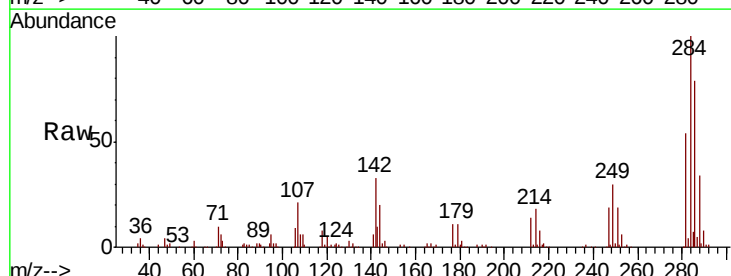


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

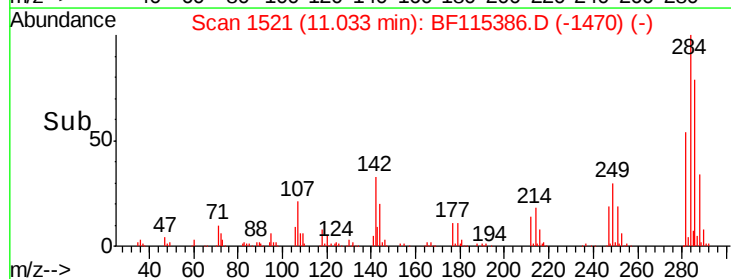
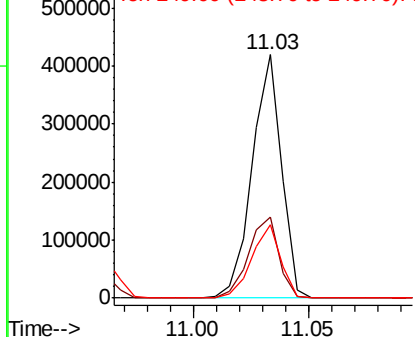


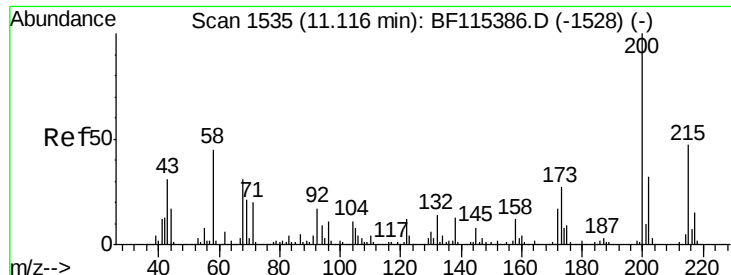
#68
Hexachlorobenzene
Concen: 41.431 ng
RT: 11.03 min Scan# 1521
Delta R.T. 0.00 min
Lab File: BF115386.D
Acq: 5 Jul 2019 9:46

Tgt Ion:284 Resp: 372372
Ion Ratio Lower Upper
284 100
142 33.1 26.5 39.7
249 30.2 24.2 36.2



Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

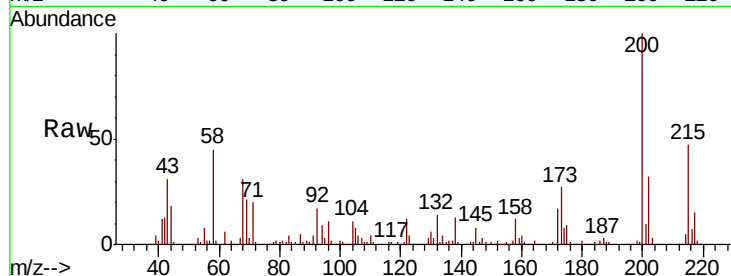




#69
Atrazine
Concen: 39.515 ng
RT: 11.12 min Scan# 1535
Delta R.T. 0.00 min
Lab File: BF115386.D
Acq: 5 Jul 2019 9:46

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
200	100		
173	27.1	7.1	47.1
215	47.5	27.5	67.5

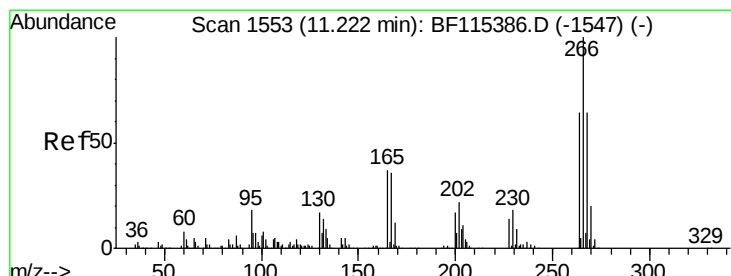
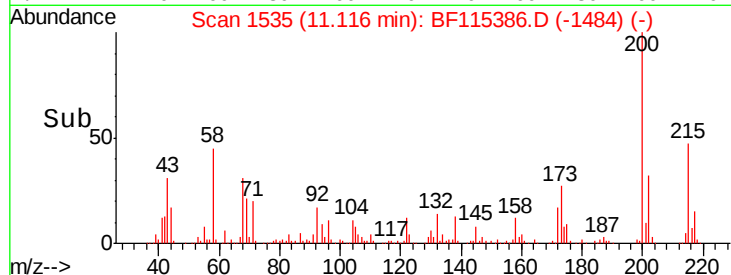
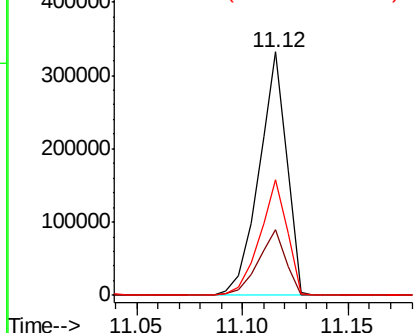


Abundance

Ion 200.00 (199.70 to 200.70): E

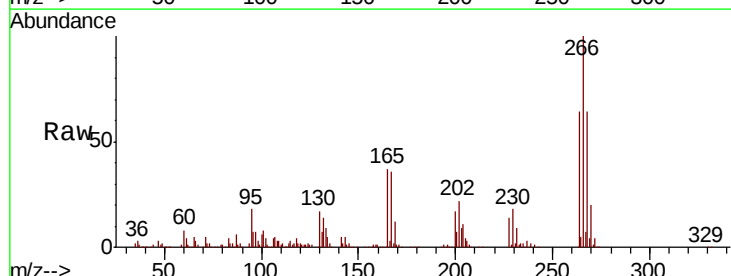
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
Pentachlorophenol
Concen: 41.353 ng
RT: 11.22 min Scan# 1553
Delta R.T. 0.00 min
Lab File: BF115386.D
Acq: 5 Jul 2019 9:46

Tgt Ion	Ratio	Lower	Upper
266	100		
268	64.1	51.3	76.9
264	64.5	51.6	77.4

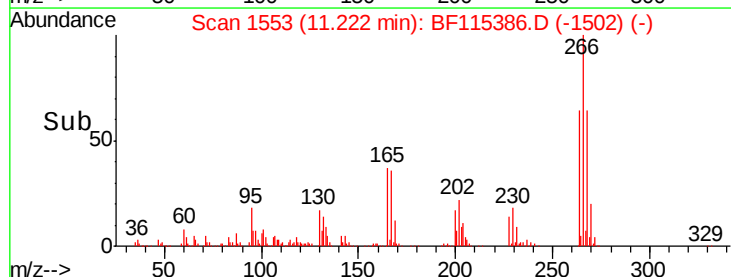
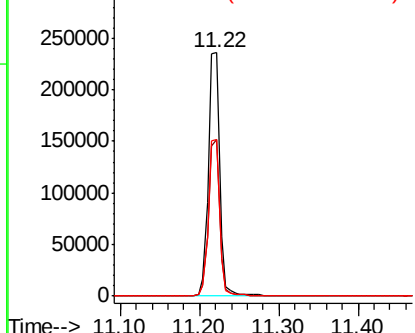


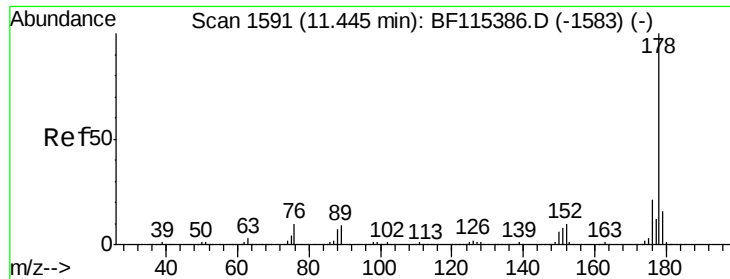
Abundance

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

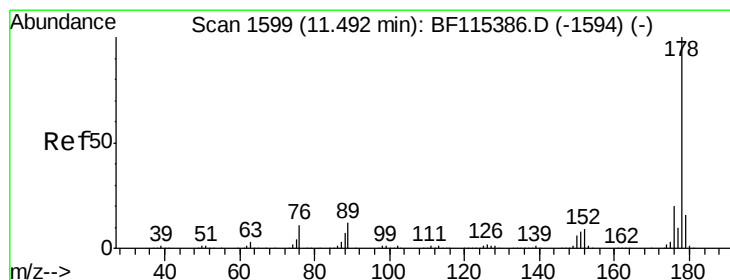
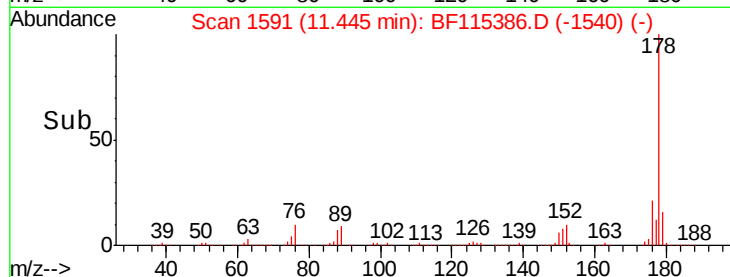
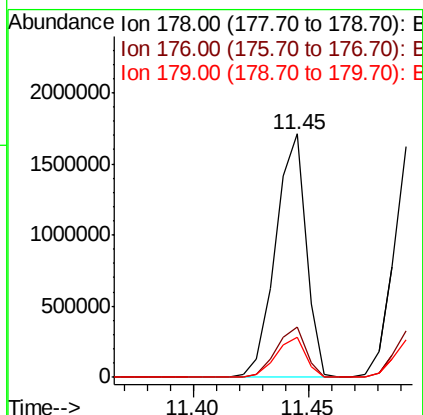
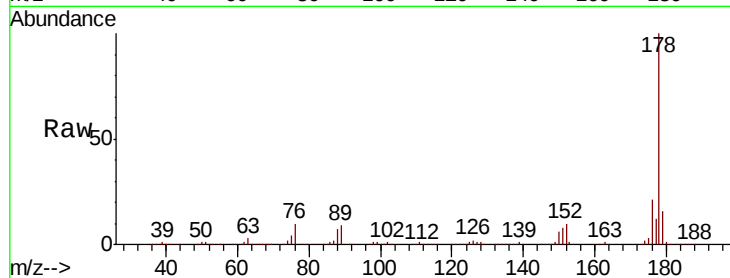




#71
Phenanthrene
Concen: 38.031 ng
RT: 11.45 min Scan# 1591
Delta R.T. 0.00 min
Lab File: BF115386.D
Acq: 5 Jul 2019 9:46

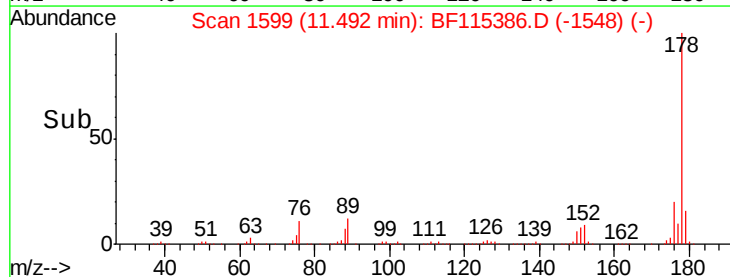
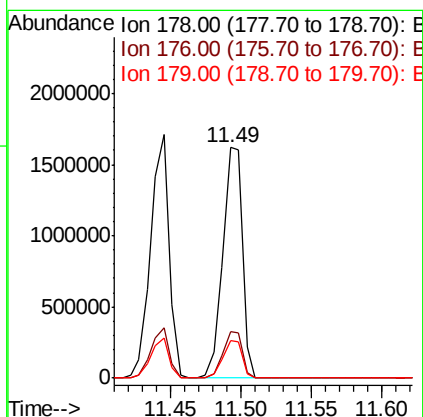
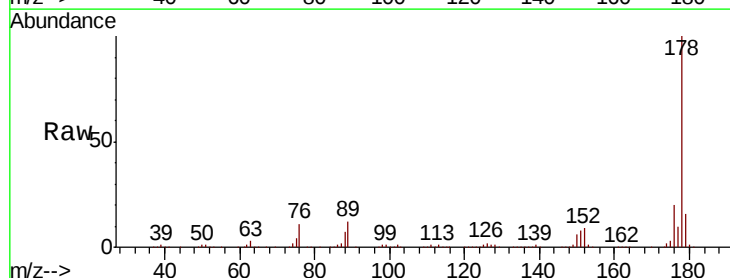
Instrument :
BNA_F
ClientSampleId :

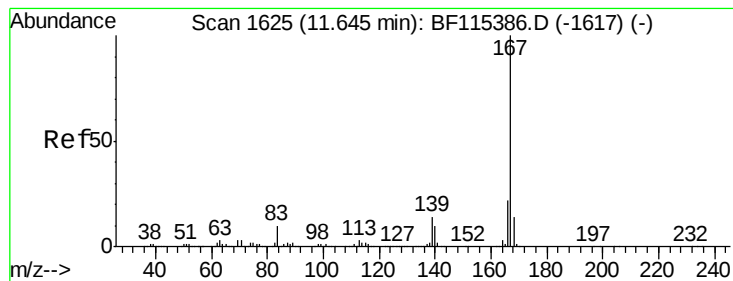
Tot Ion:178 Resp: 1563833
Ion Ratio Lower Upper
178 100
176 20.8 16.6 25.0
179 16.3 13.0 19.6



#72
Anthracene
Concen: 37.843 ng
RT: 11.49 min Scan# 1599
Delta R.T. 0.00 min
Lab File: BF115386.D
Acq: 5 Jul 2019 9:46

Tgt Ion:178 Resp: 1570776
Ion Ratio Lower Upper
178 100
176 20.0 16.0 24.0
179 16.4 13.1 19.7





#73

Carbazole

Concen: 39.100 ng

RT: 11.65 min Scan# 1625

Delta R.T. 0.00 min

Lab File: BF115386.D

Acq: 5 Jul 2019 9:46

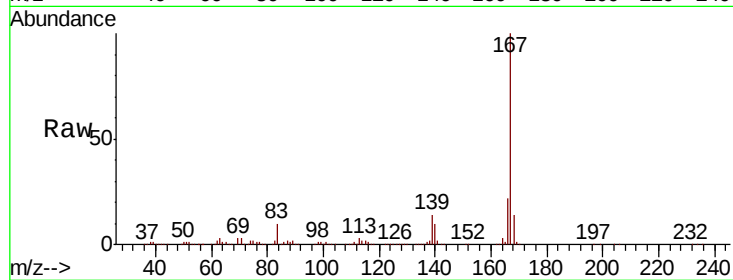
Instrument :

BNA_F

ClientSampleId :

Tot Ion:167 Resp: 1449265

Ion	Ratio	Lower	Upper
167	100		
166	22.4	17.9	26.9
139	13.8	11.0	16.6

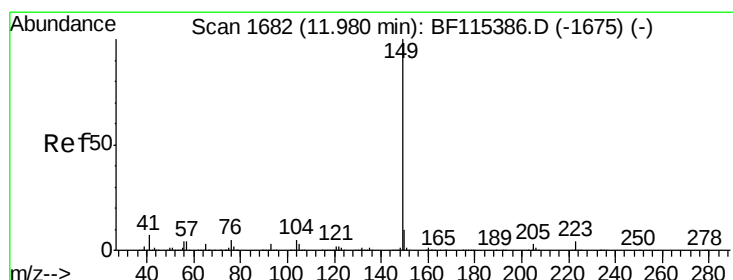
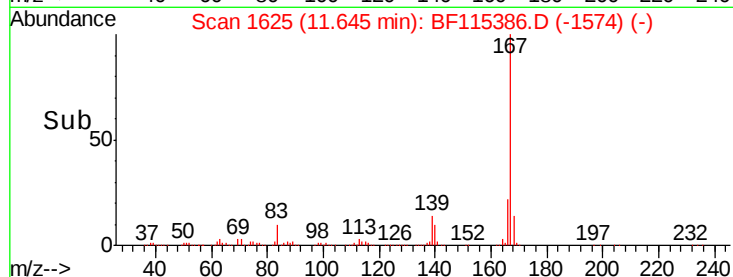
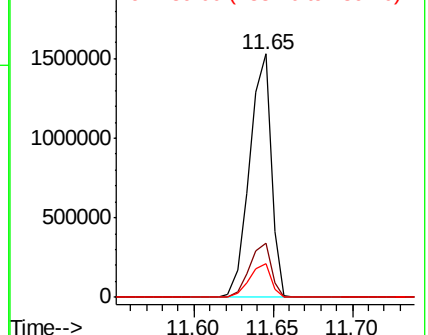


Abundance

Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 41.034 ng

RT: 11.98 min Scan# 1682

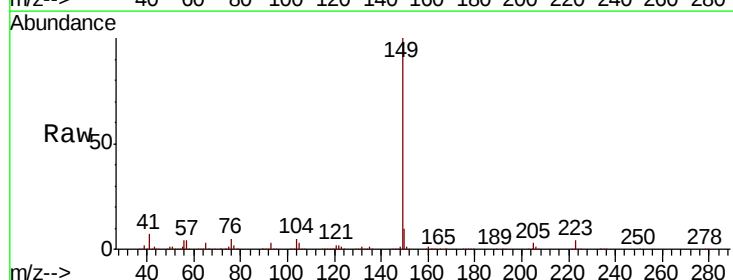
Delta R.T. 0.00 min

Lab File: BF115386.D

Acq: 5 Jul 2019 9:46

Tgt Ion:149 Resp: 1757503

Ion	Ratio	Lower	Upper
149	100		
150	10.0	8.0	12.0
104	5.5	4.4	6.6

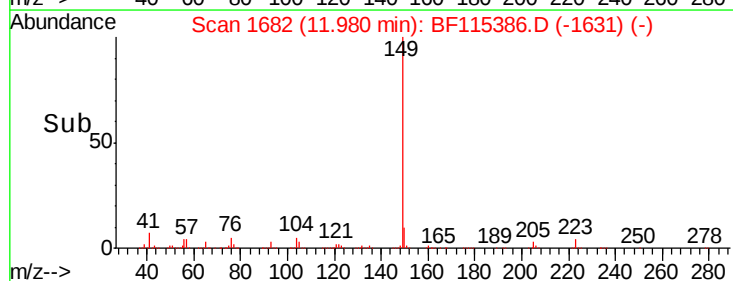
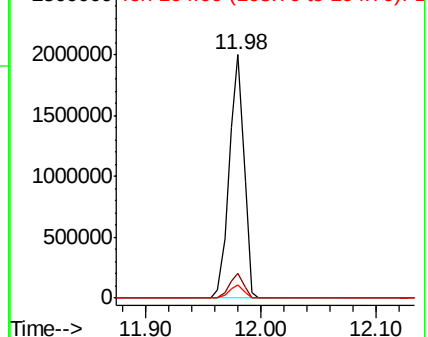


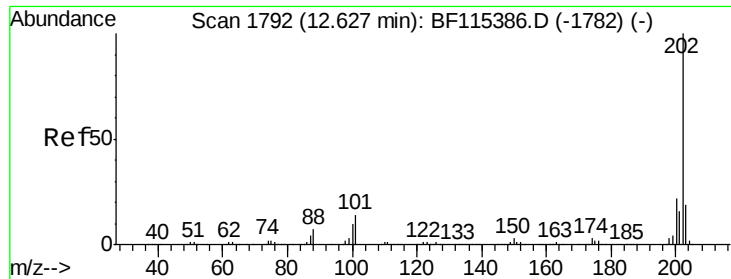
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

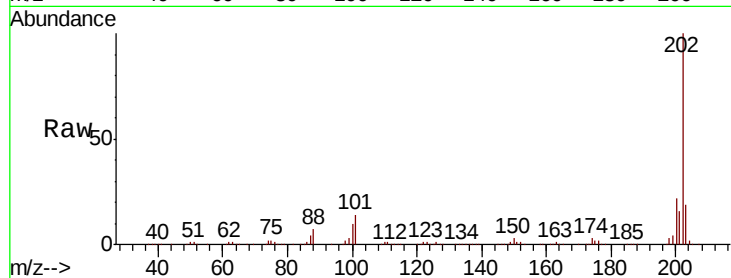




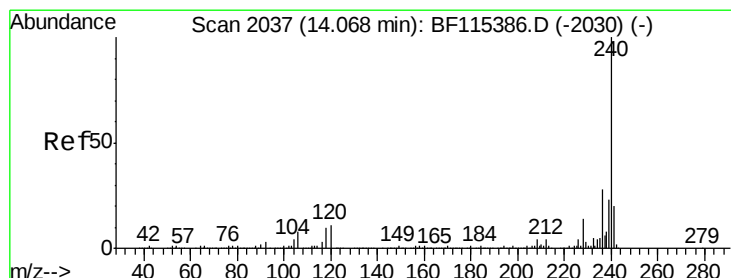
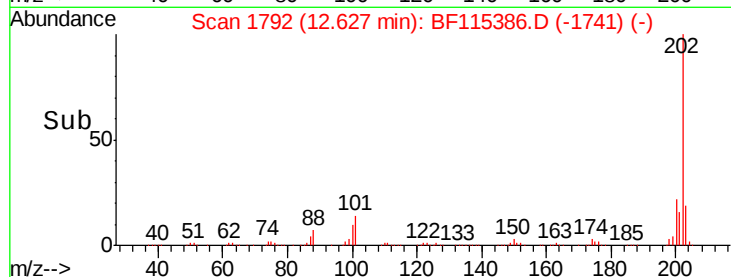
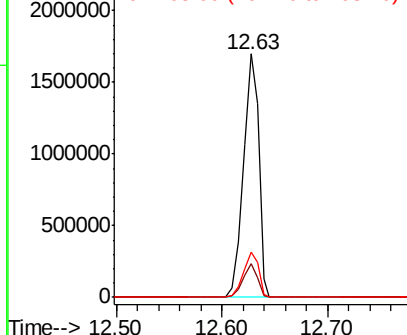
#75
 Fluoranthene
 Concen: 40.602 ng
 RT: 12.63 min Scan# 1792
 Delta R.T. 0.00 min
 Lab File: BF115386.D
 Acq: 5 Jul 2019 9:46

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:202 Resp: 1665799
 Ion Ratio Lower Upper
 202 100
 101 14.0 0.0 34.0
 203 18.5 0.0 38.5

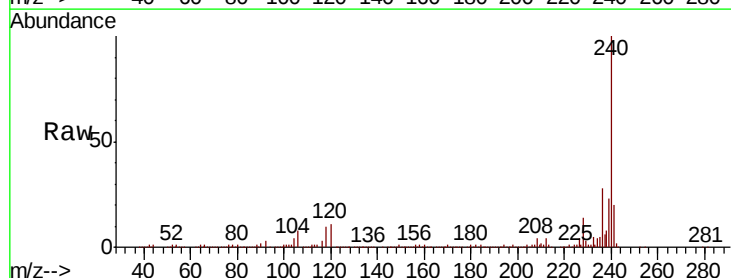


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E

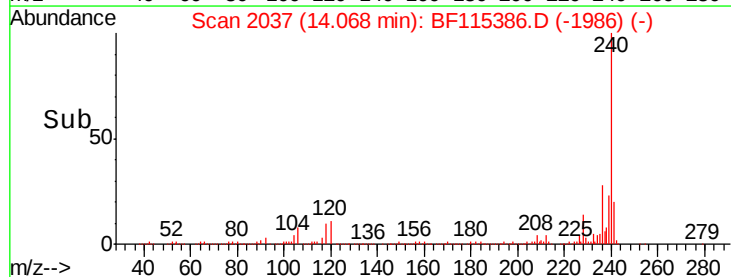
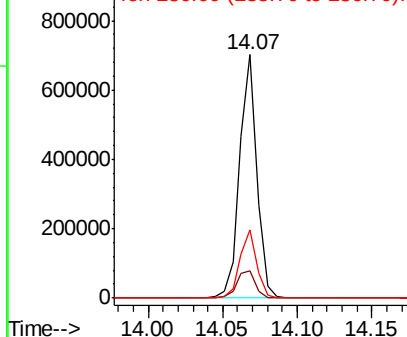


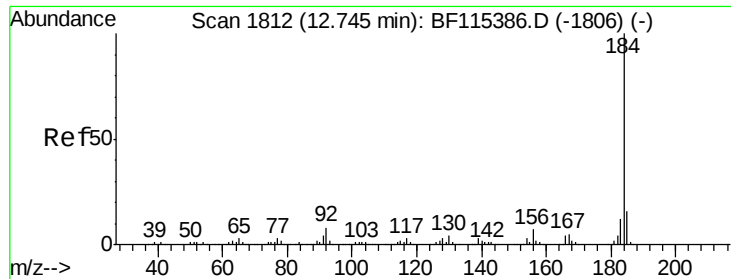
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.07 min Scan# 2037
 Delta R.T. 0.00 min
 Lab File: BF115386.D
 Acq: 5 Jul 2019 9:46

Tgt Ion:240 Resp: 566019
 Ion Ratio Lower Upper
 240 100
 120 11.4 9.1 13.7
 236 28.1 22.5 33.7



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: 34.292 ng

RT: 12.74 min Scan# 1812

Delta R.T. 0.00 min

Lab File: BF115386.D

Acq: 5 Jul 2019 9:46

Instrument :

BNA_F

ClientSampleId :

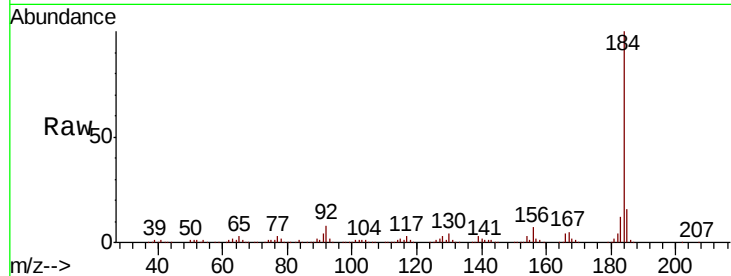
Tot Ion:184 Resp: 861886

Ion Ratio Lower Upper

184 100

185 15.7 12.6 18.8

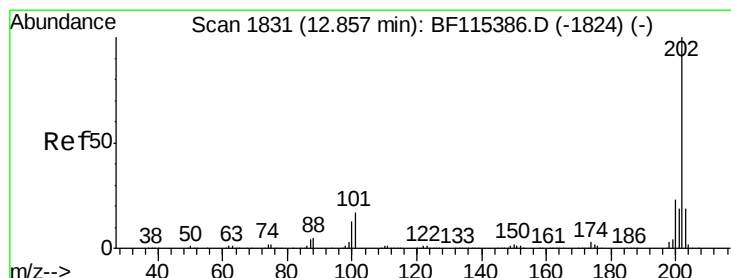
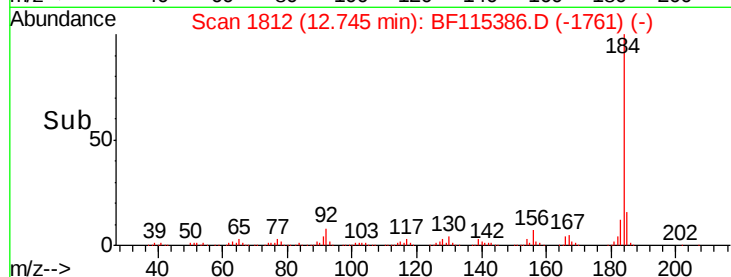
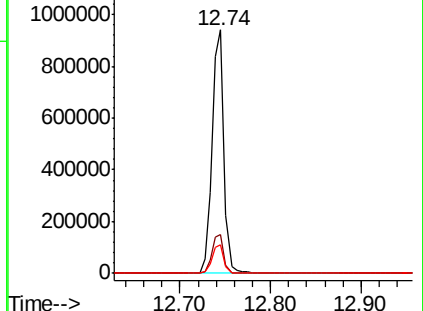
183 11.7 9.4 14.0



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: 38.713 ng

RT: 12.86 min Scan# 1831

Delta R.T. 0.00 min

Lab File: BF115386.D

Acq: 5 Jul 2019 9:46

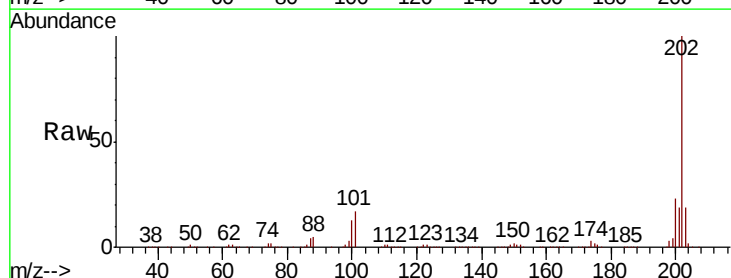
Tgt Ion:202 Resp: 1683963

Ion Ratio Lower Upper

202 100

200 22.8 18.2 27.4

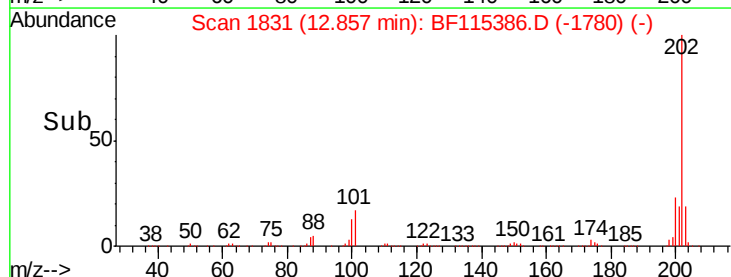
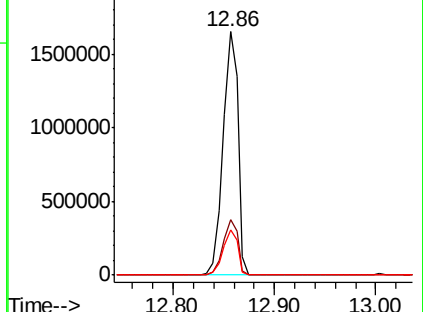
203 18.5 14.8 22.2

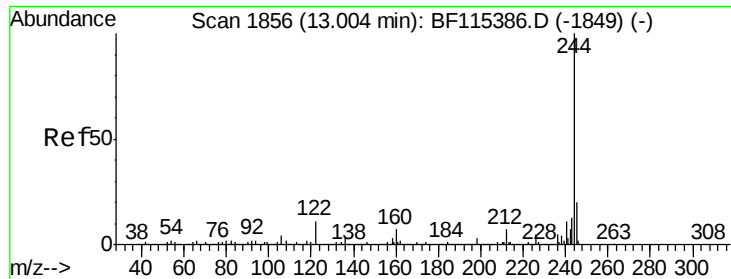


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 78.238 ng

RT: 13.00 min Scan# 1856

Delta R.T. 0.00 min

Lab File: BF115386.D

Acq: 5 Jul 2019 9:46

Instrument :

BNA_F

ClientSampled :

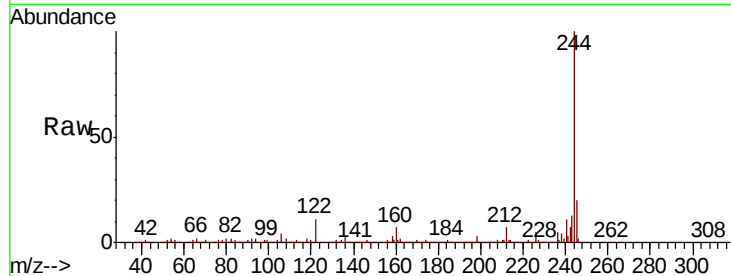
Tot Ion:244 Resp: 2082826

Ion Ratio Lower Upper

244 100

212 7.1 5.7 8.5

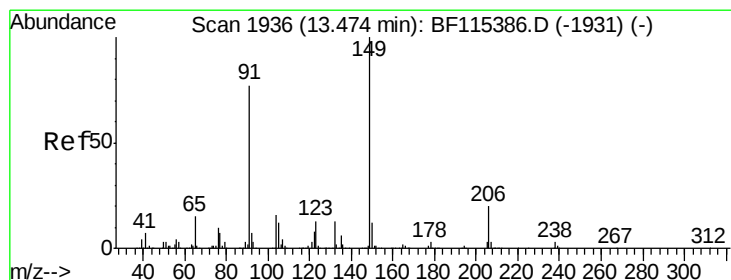
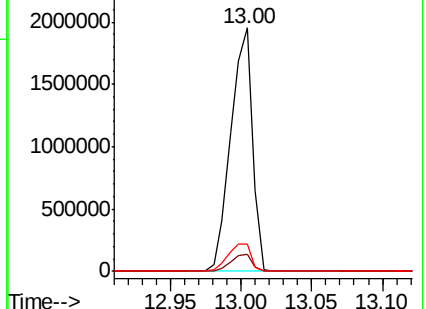
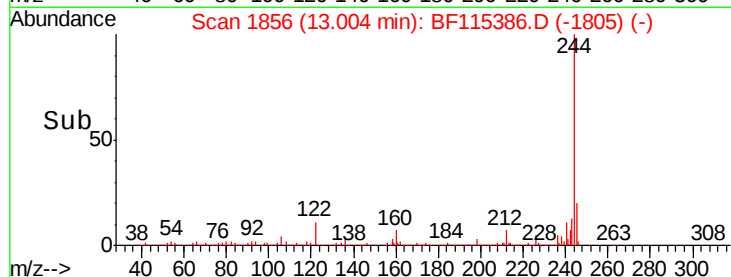
122 11.4 9.1 13.7



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: 39.353 ng

RT: 13.47 min Scan# 1936

Delta R.T. 0.00 min

Lab File: BF115386.D

Acq: 5 Jul 2019 9:46

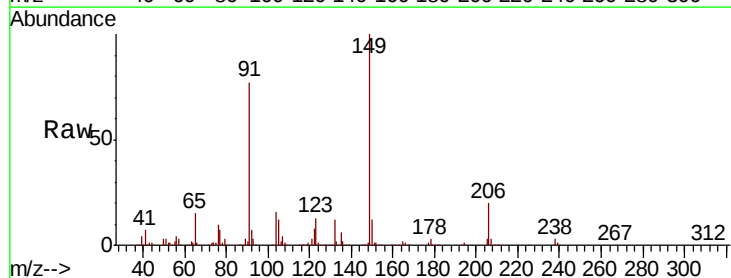
Tgt Ion:149 Resp: 755440

Ion Ratio Lower Upper

149 100

91 76.7 61.4 92.0

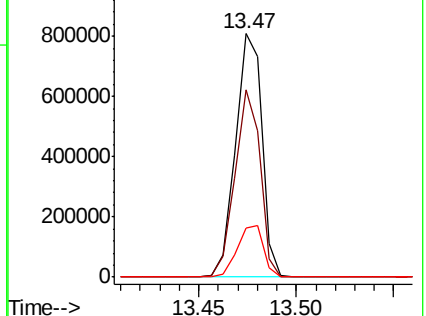
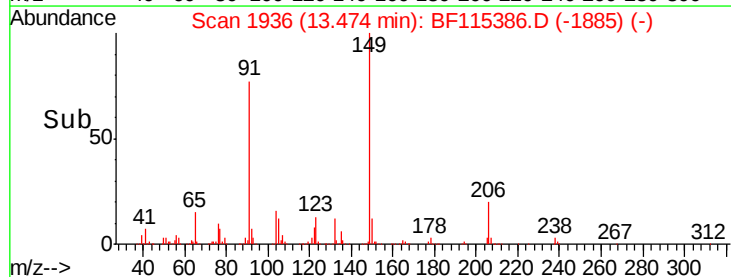
206 20.1 16.1 24.1

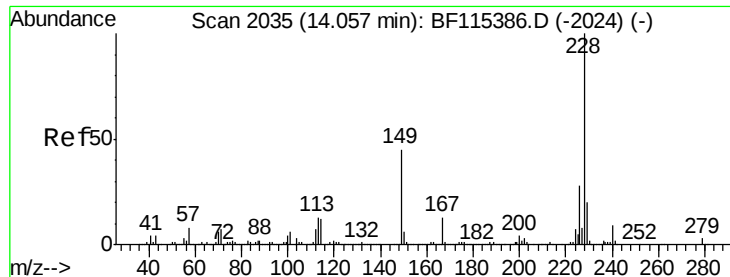


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 34.575 ng

RT: 14.06 min Scan# 2035

Delta R.T. 0.00 min

Lab File: BF115386.D

Acq: 5 Jul 2019 9:46

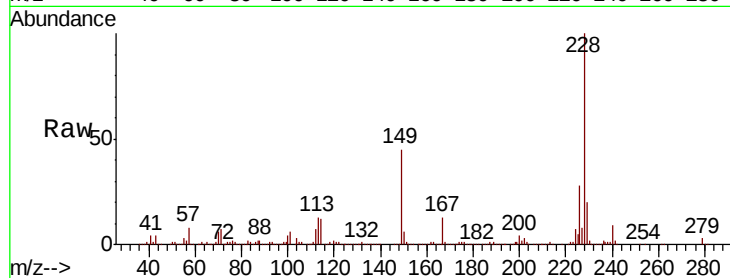
Instrument :

BNA_F

ClientSampleId :

Tot Ion:228 Resp: 1404217

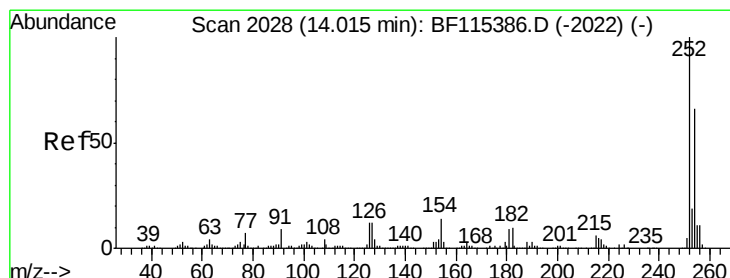
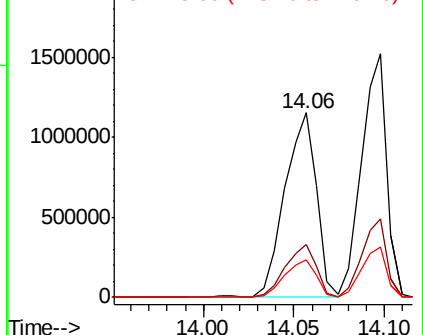
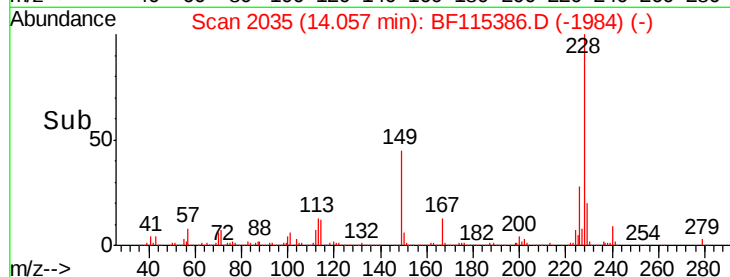
Ion	Ratio	Lower	Upper
228	100		
226	28.4	22.7	34.1
229	20.4	16.3	24.5



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: 37.021 ng

RT: 14.02 min Scan# 2028

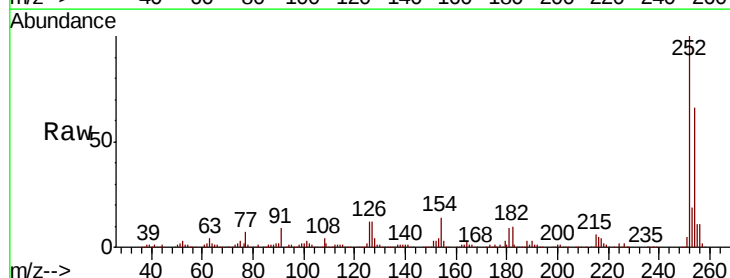
Delta R.T. 0.00 min

Lab File: BF115386.D

Acq: 5 Jul 2019 9:46

Tgt Ion:252 Resp: 542960

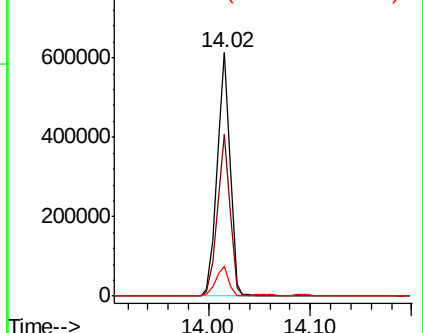
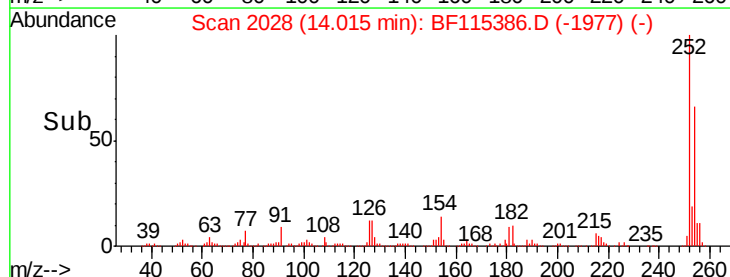
Ion	Ratio	Lower	Upper
252	100		
254	66.2	53.0	79.4
126	12.3	9.8	14.8

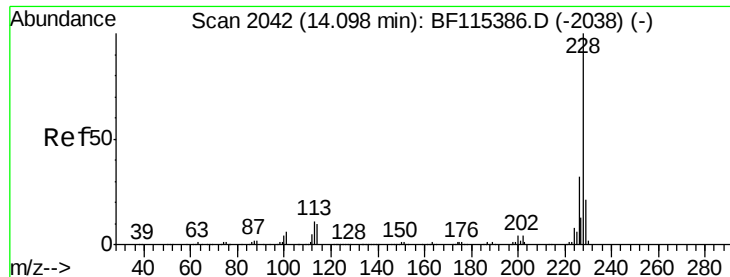


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrvsene

Concen: 39.166 ng

RT: 14.10 min Scan# 2042

Delta R.T. 0.00 min

Lab File: BF115386.D

Acq: 5 Jul 2019 9:46

Instrument :

BNA_F

ClientSampleId :

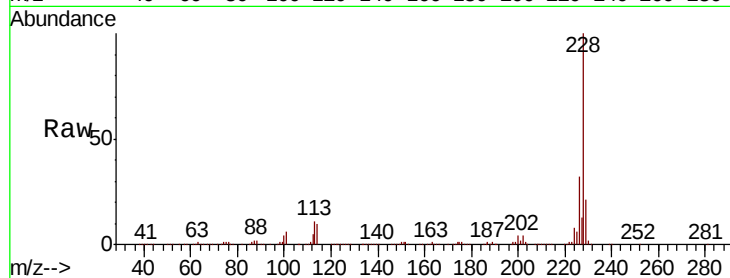
Tot Ion:228 Resp: 1457101

Ion Ratio Lower Upper

228 100

226 32.1 25.7 38.5

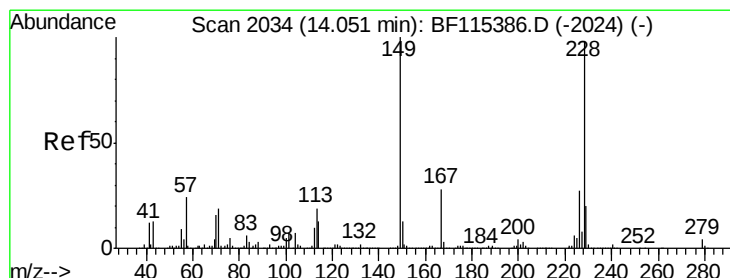
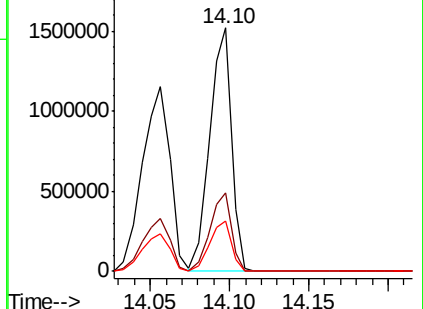
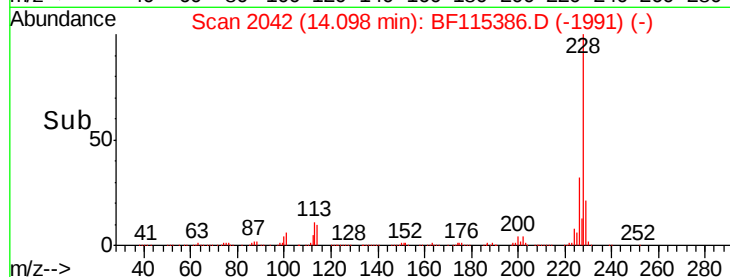
229 20.8 16.6 25.0



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



#84

Bis(2-ethylhexyl)phthalate

Concen: 36.082 ng

RT: 14.05 min Scan# 2034

Delta R.T. 0.00 min

Lab File: BF115386.D

Acq: 5 Jul 2019 9:46

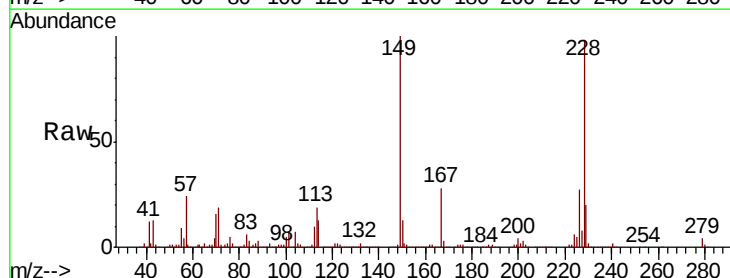
Tgt Ion:149 Resp: 907589

Ion Ratio Lower Upper

149 100

167 27.9 22.3 33.5

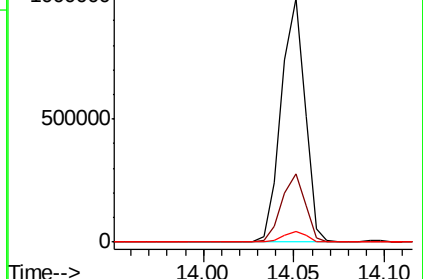
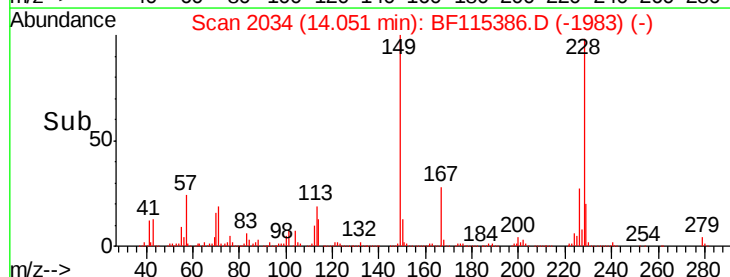
279 4.3 3.4 5.2

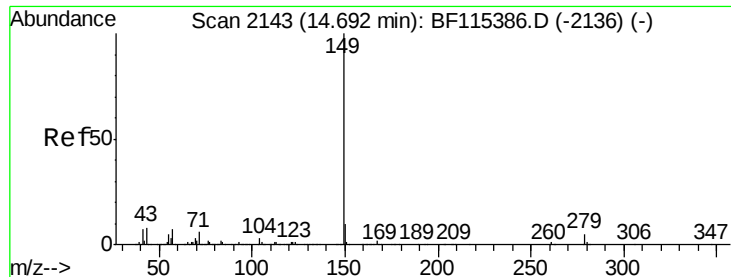


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

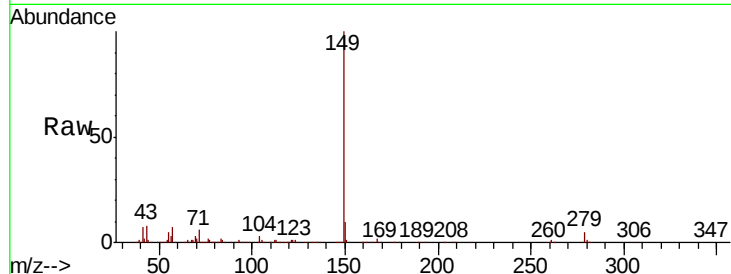




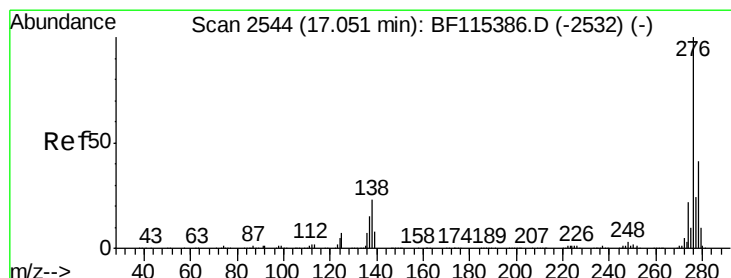
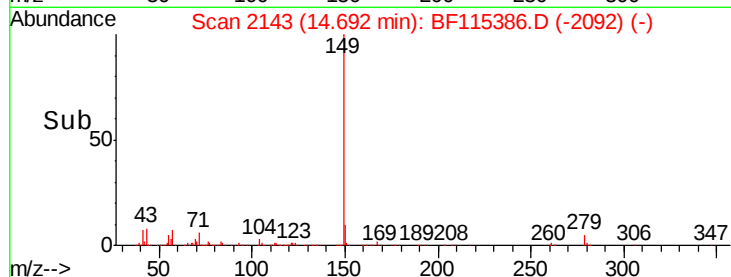
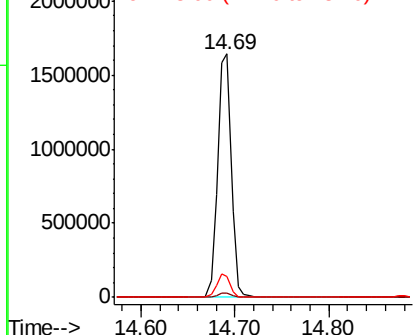
#85
Di-n-octyl phthalate
Concen: 39.757 ng
RT: 14.69 min Scan# 2143
Delta R.T. 0.00 min
Lab File: BF115386.D
Acq: 5 Jul 2019 9:46

Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 1680238
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 9.5 7.6 11.4

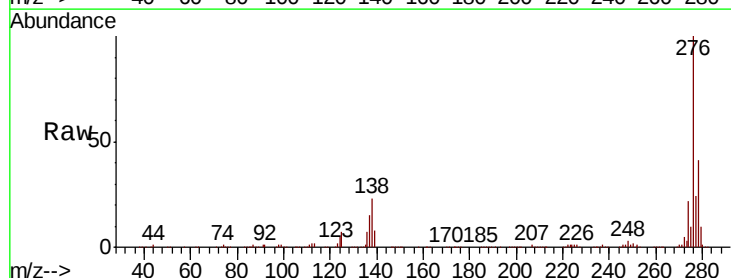


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1

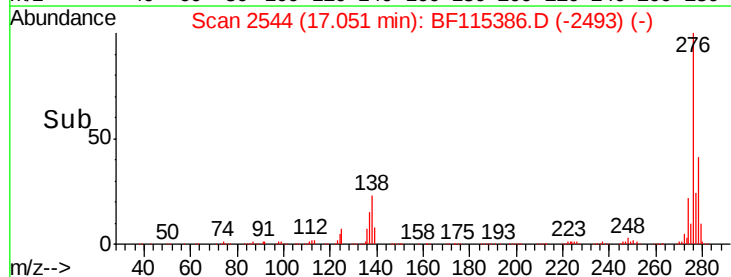
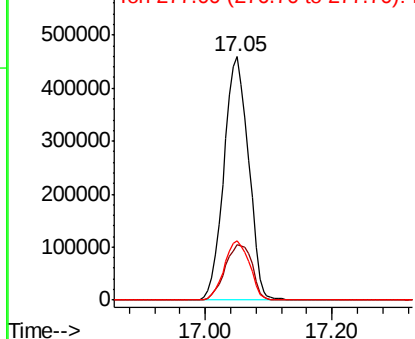


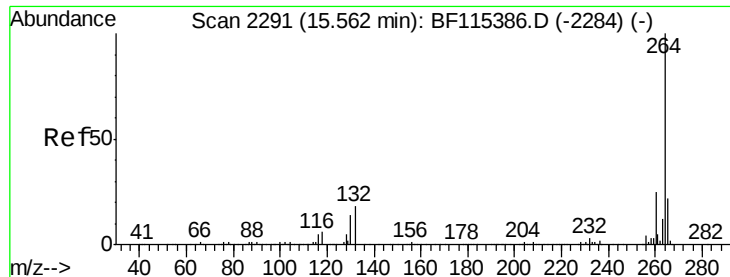
#86
Indeno(1,2,3-cd)pyrene
Concen: 28.099 ng
RT: 17.05 min Scan# 2544
Delta R.T. 0.00 min
Lab File: BF115386.D
Acq: 5 Jul 2019 9:46

Tgt Ion:276 Resp: 1236997
Ion Ratio Lower Upper
276 100
138 25.1 0.0 0.0#
277 25.0 0.0 0.0#



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

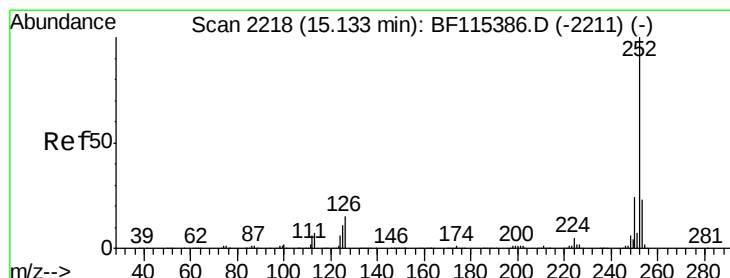
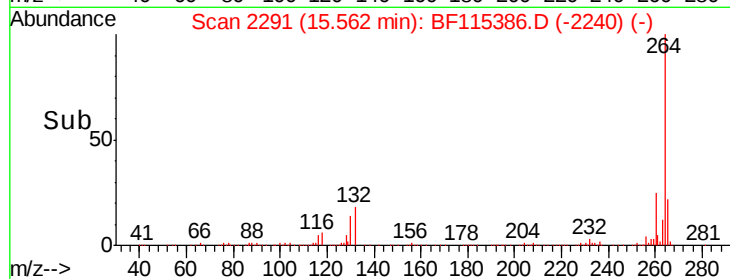
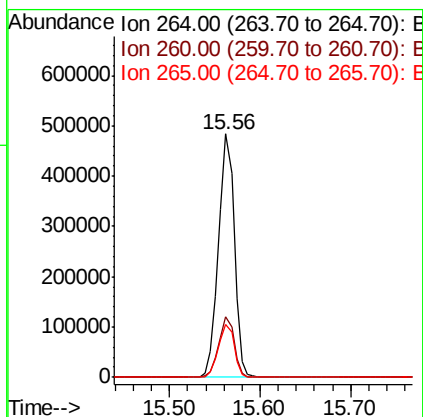
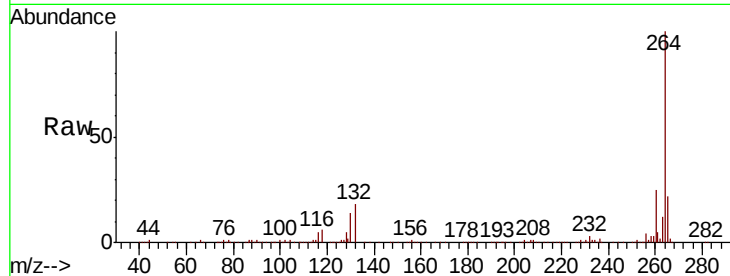




#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.56 min Scan# 2291
 Delta R.T. 0.00 min
 Lab File: BF115386.D
 Acq: 5 Jul 2019 9:46

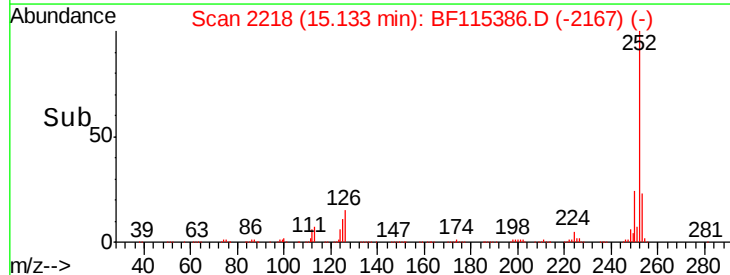
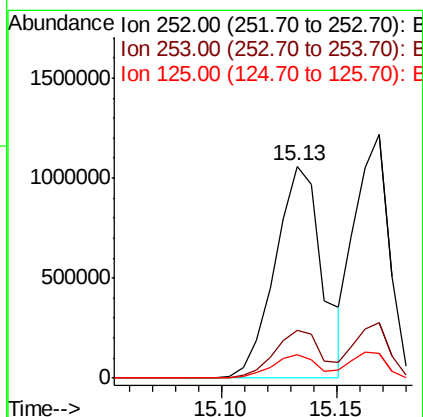
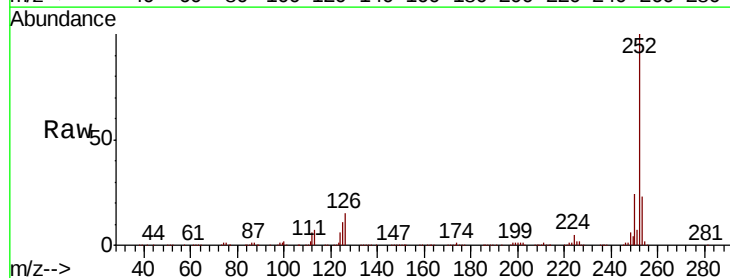
Instrument :
 BNA_F
 ClientSampleId :

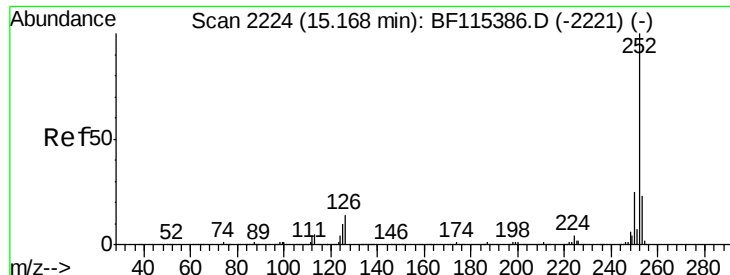
Tot Ion:264 Resp: 583452
 Ion Ratio Lower Upper
 264 100
 260 24.9 19.9 29.9
 265 21.8 17.4 26.2



#88
 Benzo(b)fluoranthene
 Concen: 41.403 ng
 RT: 15.13 min Scan# 2218
 Delta R.T. 0.00 min
 Lab File: BF115386.D
 Acq: 5 Jul 2019 9:46

Tgt Ion:252 Resp: 1507322
 Ion Ratio Lower Upper
 252 100
 253 22.6 18.1 27.1
 125 11.3 9.0 13.6

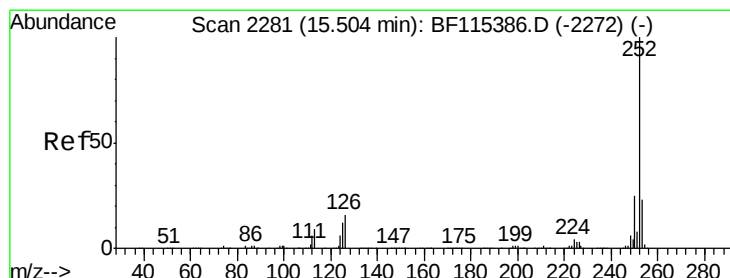
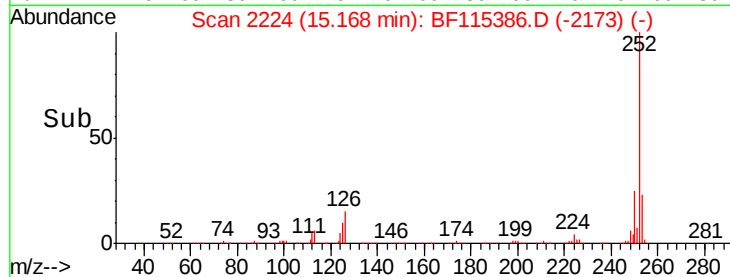
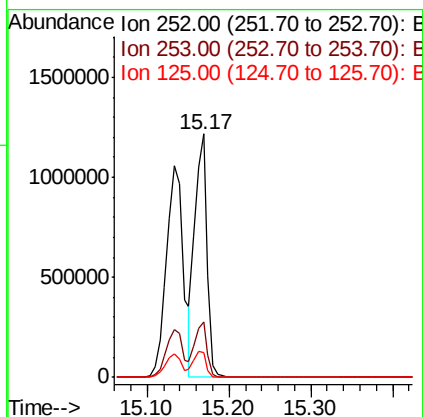
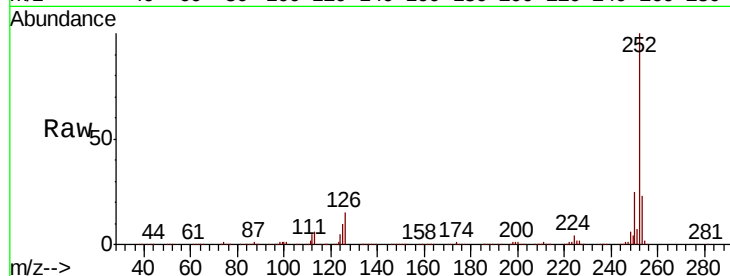




#89
Benzo(k)fluoranthene
Concen: 38.793 ng
RT: 15.17 min Scan# 2224
Delta R.T. 0.00 min
Lab File: BF115386.D
Acq: 5 Jul 2019 9:46

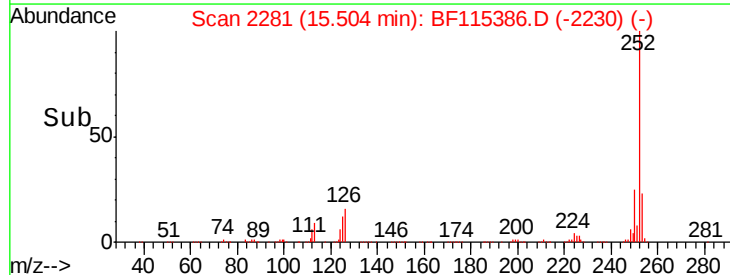
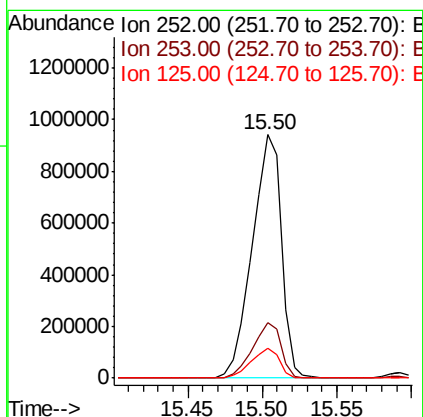
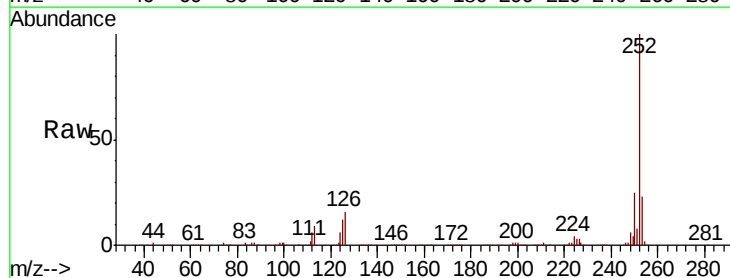
Instrument :
BNA_F
ClientSampleId :

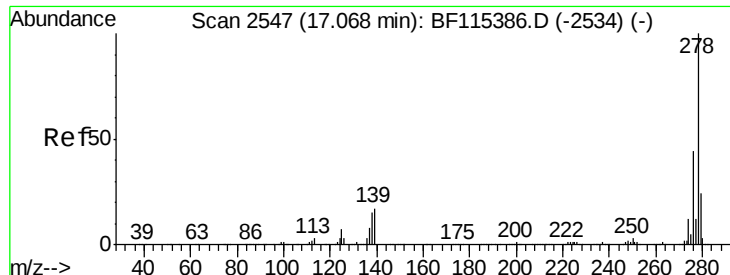
Tot Ion:252 Resp: 1266510
Ion Ratio Lower Upper
252 100
253 22.9 18.3 27.5
125 10.4 8.3 12.5



#90
Benzo(a)pyrene
Concen: 38.663 ng
RT: 15.50 min Scan# 2281
Delta R.T. 0.00 min
Lab File: BF115386.D
Acq: 5 Jul 2019 9:46

Tgt Ion:252 Resp: 1268634
Ion Ratio Lower Upper
252 100
253 22.7 18.2 27.2
125 12.5 10.0 15.0





#91

Dibenzo(a,h)anthracene

Concen: 33.459 ng

RT: 17.07 min Scan# 2547

Delta R.T. 0.00 min

Lab File: BF115386.D

Acq: 5 Jul 2019 9:46

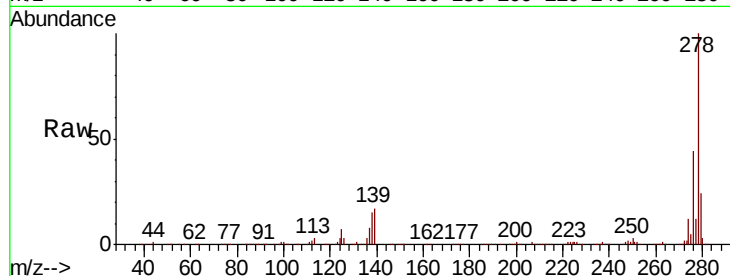
Instrument :

BNA_F

ClientSampleId :

Tot Ion:278 Resp: 1024940

Ion	Ratio	Lower	Upper
278	100		
139	16.8	13.4	20.2
279	24.2	19.4	29.0

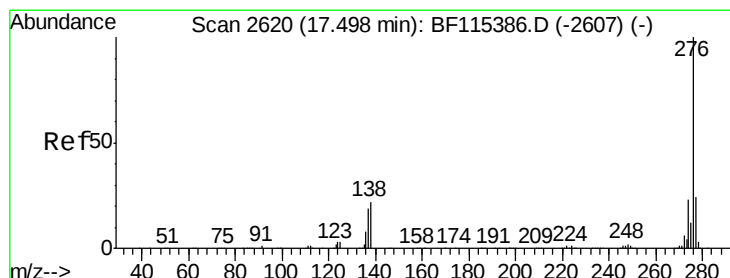
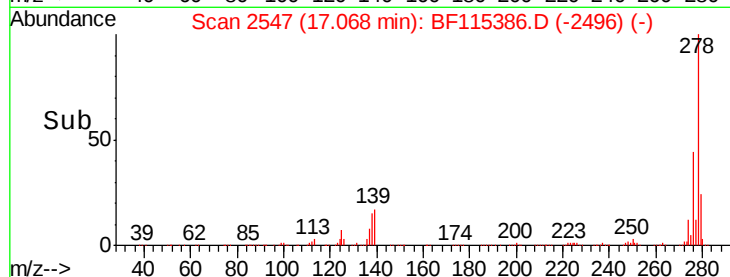
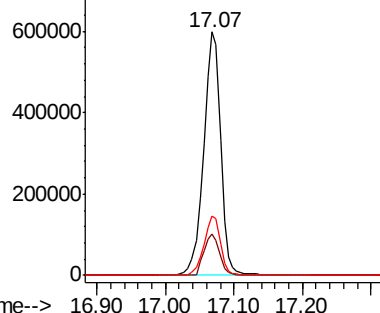


Abundance

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: 30.053 ng

RT: 17.50 min Scan# 2620

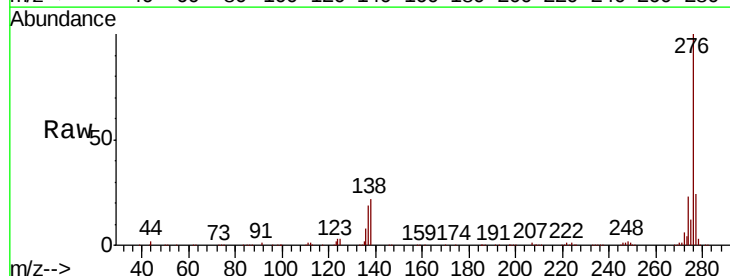
Delta R.T. 0.00 min

Lab File: BF115386.D

Acq: 5 Jul 2019 9:46

Tgt Ion:276 Resp: 931759

Ion	Ratio	Lower	Upper
276	100		
277	24.3	19.4	29.2
138	22.2	17.8	26.6



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

