

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072419\
 Data File : BF115744.D
 Acq On : 24 Jul 2019 10:44
 Operator : HP/JU
 Sample : PB121660BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 24 16:35:12 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 12 14:03:52 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	176838	20.00	ng	-0.01
21) Naphthalene-d8	8.16	136	731172	20.00	ng	-0.01
39) Acenaphthene-d10	9.91	164	376994	20.00	ng	-0.02
64) Phenanthrene-d10	11.40	188	709096	20.00	ng	-0.01
76) Chrysene-d12	14.04	240	490638	20.00	ng	-0.01
87) Perylene-d12	15.50	264	349799	20.00	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.51	112	1205967	111.55	ng	0.00
7) Phenol-d6	6.51	99	1560834	113.78	ng	0.00
23) Nitrobenzene-d5	7.43	82	991880	78.88	ng	-0.02
42) 2,4,6-Tribromophenol	10.70	330	456229	103.68	ng	-0.01
45) 2-Fluorobiphenyl	9.23	172	1772643	82.30	ng	-0.02
79) Terphenyl-d14	12.98	244	1928106	72.51	ng	-0.02

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.76	88	196340	36.408	ng	96
3) Pyridine	3.50	79	430934	29.453	ng	99
4) n-Nitrosodimethylamine	3.45	42	211892	39.921	ng	92
6) Aniline	6.53	93	469343	24.585	ng	94
8) 2-Chlorophenol	6.66	128	489882	39.412	ng	99
9) Benzaldehyde	6.42	77	165303	19.283	ng	97
10) Phenol	6.52	94	613093	38.499	ng	90
11) bis(2-Chloroethyl)ether	6.61	93	466494	38.476	ng	99
12) 1,3-Dichlorobenzene	6.82	146	494233	35.365	ng	99
13) 1,4-Dichlorobenzene	6.89	146	507026	36.363	ng	97
14) 1,2-Dichlorobenzene	7.05	146	472945	37.105	ng	97
15) Benzyl Alcohol	7.02	79	424232	38.984	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.15	45	638317	39.989	ng	99
17) 2-Methylphenol	7.13	107	433562	40.475	ng	97
18) Hexachloroethane	7.39	117	186458	36.028	ng	95
19) n-Nitroso-di-n-propylamine	7.29	70	341062	38.122	ng	95
20) 3+4-Methylphenols	7.28	107	497379	39.091	ng	91
22) Acetophenone	7.28	105	665558	40.292	ng	# 98
24) Nitrobenzene	7.46	77	549255	40.497	ng	99
25) Isophorone	7.70	82	1005565	39.964	ng	100
26) 2-Nitrophenol	7.77	139	279494	40.036	ng	96
27) 2,4-Dimethylphenol	7.81	122	447522	42.845	ng	99
28) bis(2-Chloroethoxy)methane	7.90	93	614866	39.832	ng	99
29) 2,4-Dichlorophenol	8.02	162	440049	40.509	ng	98
30) 1,2,4-Trichlorobenzene	8.10	180	465735	37.928	ng	97
31) Naphthalene	8.18	128	1426719	40.290	ng	97
32) Benzoic acid	7.95	122	321171	37.467	ng	98
33) 4-Chloroaniline	8.22	127	396343	25.269	ng	98
34) Hexachlorobutadiene	8.30	225	262057	37.215	ng	98
35) Caprolactam	8.60	113	83829	24.973	ng	92
36) 4-Chloro-3-methylphenol	8.71	107	461985	40.999	ng	99
37) 2-Methylnaphthalene	8.87	142	968464	41.259	ng	98
38) 1-Methylnaphthalene	8.97	142	909391	40.788	ng	98
40) 1,2,4,5-Tetrachlorobenzene	9.04	216	444430	39.148	ng	98

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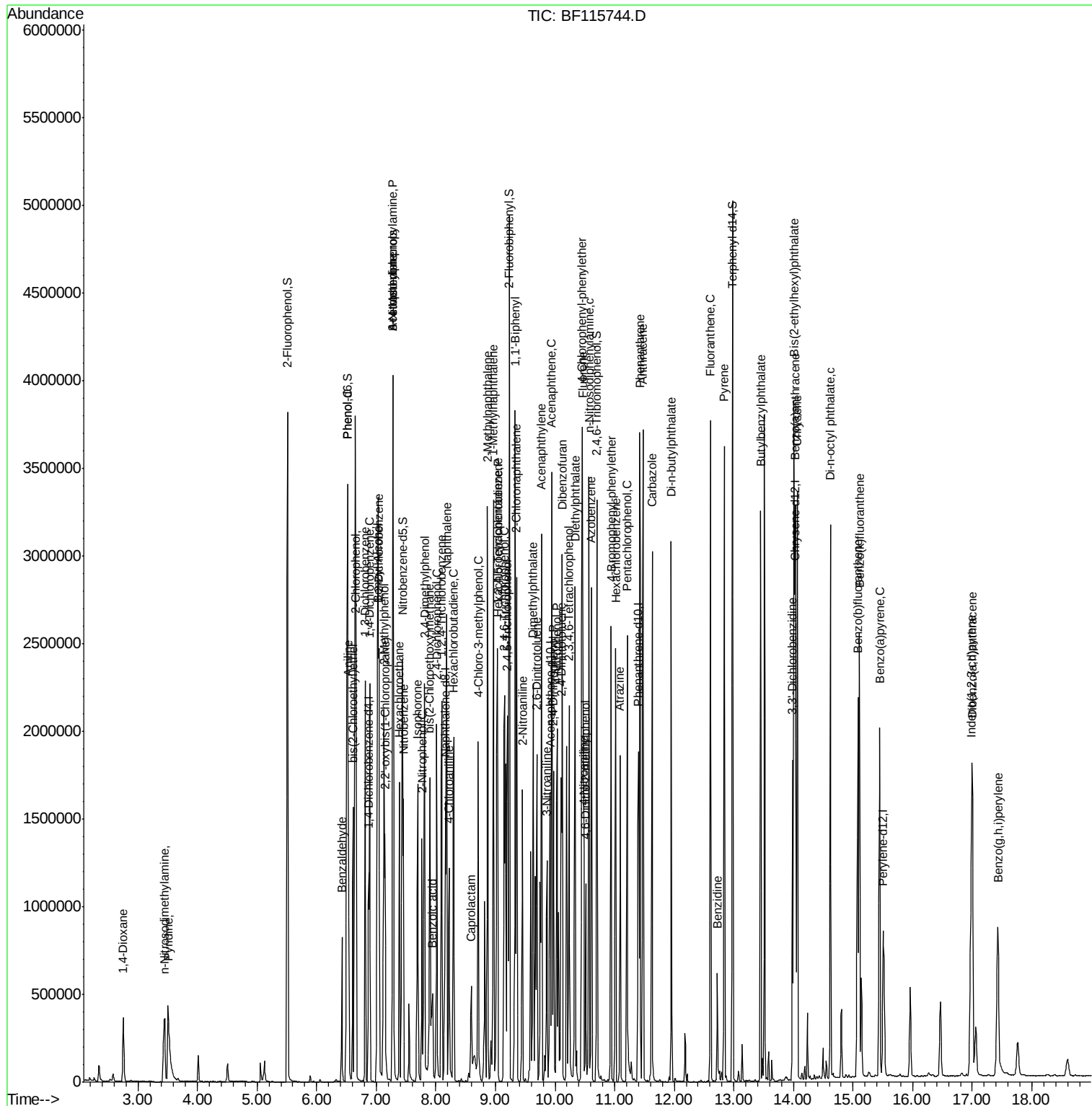
Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 24 16:35:12 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 12 14:03:52 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.03	237	282846	43.676	ng	99
43) 2,4,6-Trichlorophenol	9.15	196	305085	36.748	ng	99
44) 2,4,5-Trichlorophenol	9.20	196	326606	38.414	ng	99
46) 1,1'-Biphenyl	9.33	154	1169838	39.692	ng	98
47) 2-Chloronaphthalene	9.36	162	929721	37.885	ng	99
48) 2-Nitroaniline	9.45	65	292187	38.467	ng	98
49) Acenaphthylene	9.77	152	1399295	38.481	ng	98
50) Dimethylphthalate	9.63	163	1109664	39.122	ng	99
51) 2,6-Dinitrotoluene	9.69	165	248088	38.488	ng	91
52) Acenaphthene	9.95	154	844739	35.982	ng	99
53) 3-Nitroaniline	9.86	138	195070	26.482	ng	100
54) 2,4-Dinitrophenol	9.97	184	246767	74.565	ng	95
55) Dibenzofuran	10.12	168	1270166	38.097	ng	99
56) 4-Nitrophenol	10.03	139	386529	68.814	ng	97
57) 2,4-Dinitrotoluene	10.10	165	331109	39.649	ng	92
58) Fluorene	10.46	166	942624	39.549	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.24	232	283073	39.828	ng	99
60) Diethylphthalate	10.33	149	1051051	39.549	ng	99
61) 4-Chlorophenyl-phenylether	10.45	204	486400	36.800	ng	98
62) 4-Nitroaniline	10.48	138	252871	35.789	ng	94
63) Azobenzene	10.61	77	1068344	41.445	ng	97
65) 4,6-Dinitro-2-methylphenol	10.52	198	164032	37.862	ng	96
66) n-Nitrosodiphenylamine	10.57	169	874488	39.646	ng	98
67) 4-Bromophenyl-phenylether	10.94	248	305702	37.726	ng	99
68) Hexachlorobenzene	11.02	284	344968	37.278	ng	95
69) Atrazine	11.09	200	230162	31.808	ng	98
70) Pentachlorophenol	11.21	266	375494	66.343	ng	99
71) Phenanthrene	11.42	178	1414103	38.905	ng	99
72) Anthracene	11.47	178	1441814	38.383	ng	100
73) Carbazole	11.63	167	1285499	39.025	ng	100
74) Di-n-butylphthalate	11.95	149	1627391	40.108	ng	99
75) Fluoranthene	12.61	202	1489620	38.782	ng	98
77) Benzidine	12.72	184	258025	14.845	ng	99
78) Pyrene	12.84	202	1523073	36.640	ng	98
80) Butylbenzylphthalate	13.45	149	703813	39.717	ng	99
81) Benzo(a)anthracene	14.03	228	1254244	38.803	ng	99
82) 3,3'-Dichlorobenzidine	13.99	252	401144	34.910	ng	97
83) Chrysene	14.06	228	1246423	38.413	ng	99
84) Bis(2-ethylhexyl)phthalate	14.01	149	969220	44.156	ng	99
85) Di-n-octyl phthalate	14.62	149	1564572	44.799	ng	100
86) Indeno(1,2,3-cd)pyrene	16.99	276	1050827	38.118	ng	100
88) Benzo(b)fluoranthene	15.08	252	1188134	52.749	ng	99
89) Benzo(k)fluoranthene	15.11	252	1066585	53.113	ng	98
90) Benzo(a)pyrene	15.44	252	1024445	52.917	ng	99
91) Dibenzo(a,h)anthracene	17.00	278	892560	52.517	ng	98
92) Benzo(g,h,i)perylene	17.43	276	848885	50.082	ng	99

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

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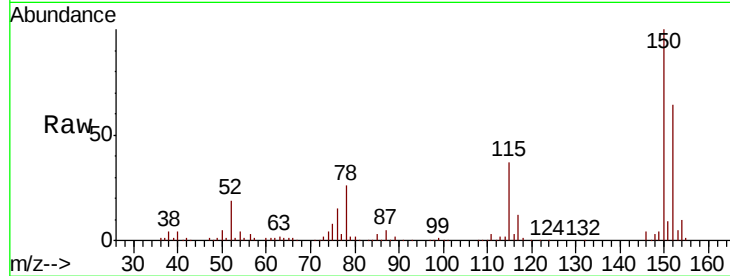


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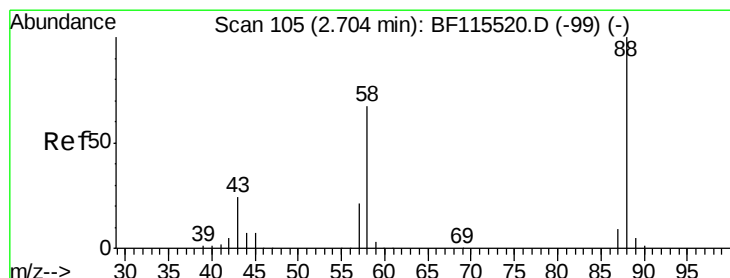
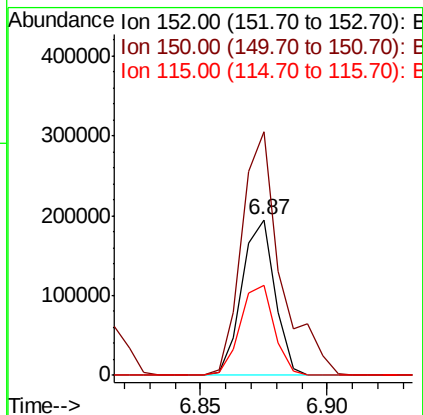
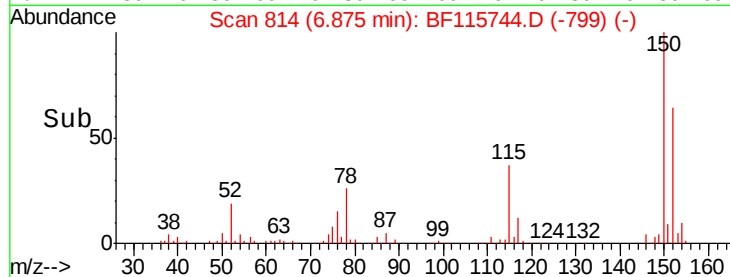
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.87 min Scan# 814
 Delta R.T. -0.01 min
 Lab File: BF115744.D
 Acq: 24 Jul 2019 10:44

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:152 Resp: 176838
 Ion Ratio Lower Upper
 152 100
 150 156.5 129.7 194.5
 115 57.8 48.2 72.4



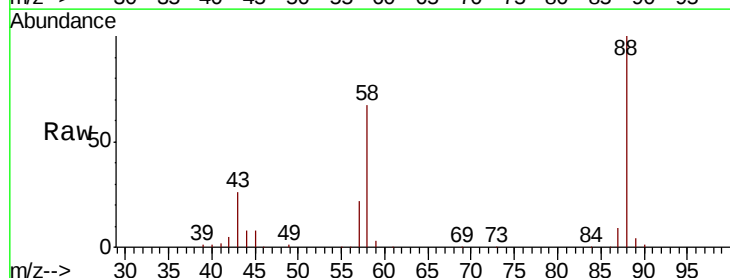
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



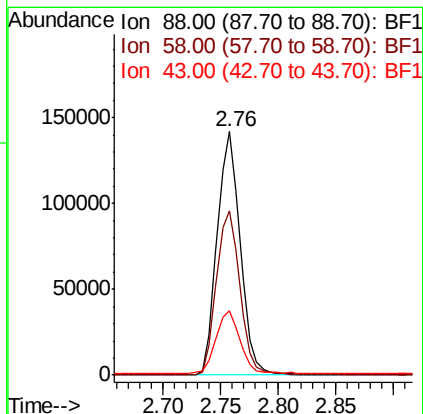
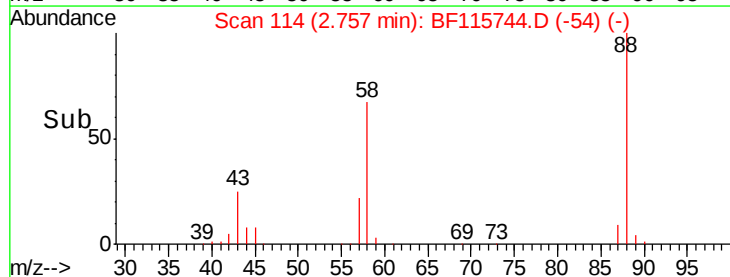
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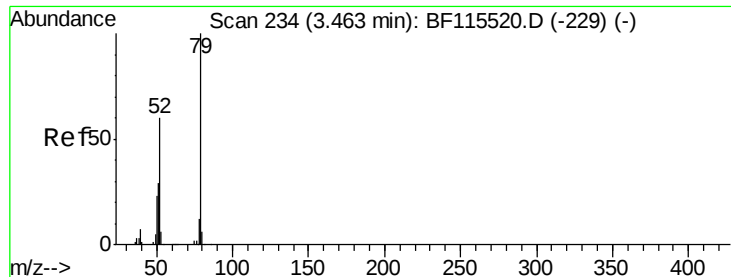
1,4-Dioxane
 Concen: 36.408 ng
 RT: 2.76 min Scan# 114
 Delta R.T. 0.05 min
 Lab File: BF115744.D
 Acq: 24 Jul 2019 10:44

Tgt Ion: 88 Resp: 196340
 Ion Ratio Lower Upper
 88 100
 58 69.2 52.6 79.0
 43 26.3 19.1 28.7



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

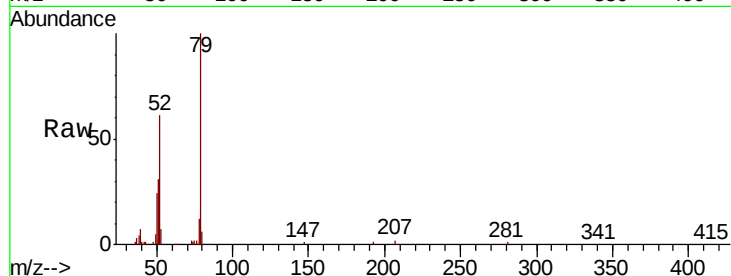




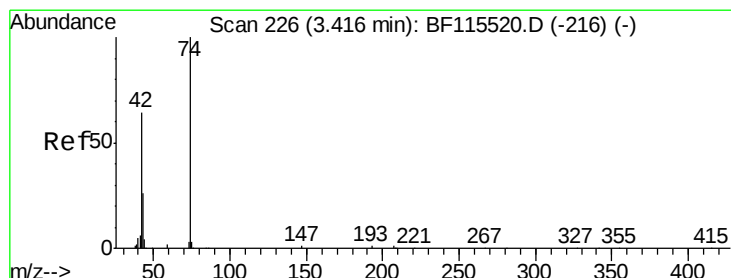
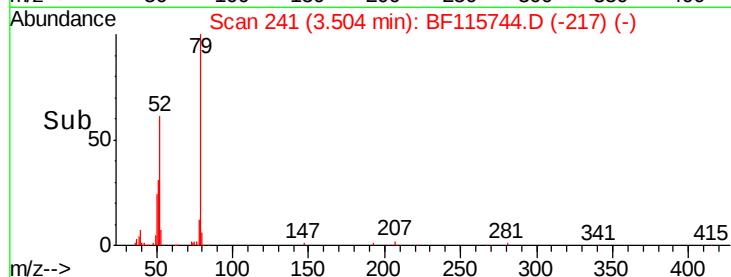
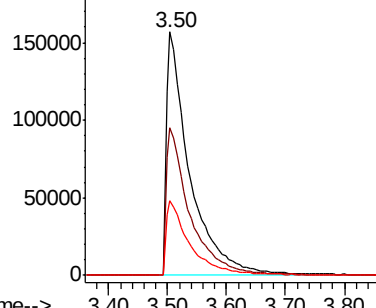
#3
 Pvridine
 Concen: 29.453 ng
 RT: 3.50 min Scan# 241
 Delta R.T. 0.04 min
 Lab File: BF115744.D
 Acq: 24 Jul 2019 10:44

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 79 Resp: 430934
 Ion Ratio Lower Upper
 79 100
 52 60.6 47.8 71.6
 51 30.7 23.8 35.8

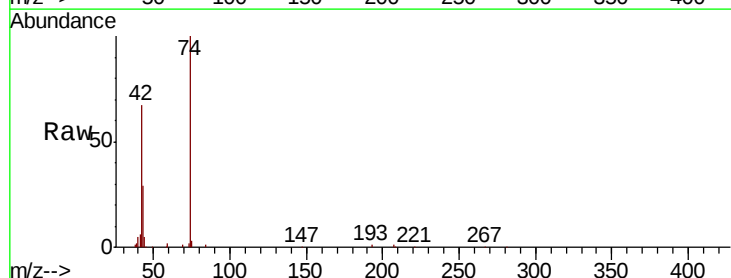


Abundance Ion 79.00 (78.70 to 79.70): BF1
 Ion 52.00 (51.70 to 52.70): BF1
 Ion 51.00 (50.70 to 51.70): BF1

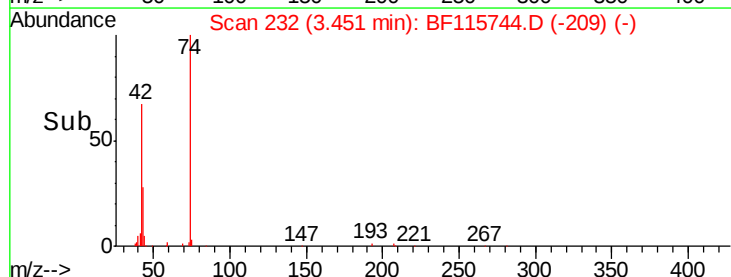
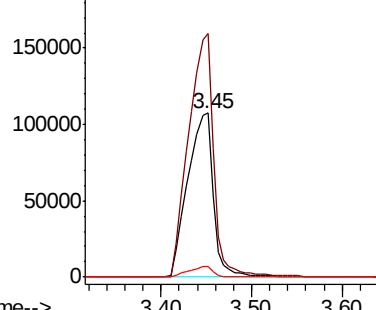


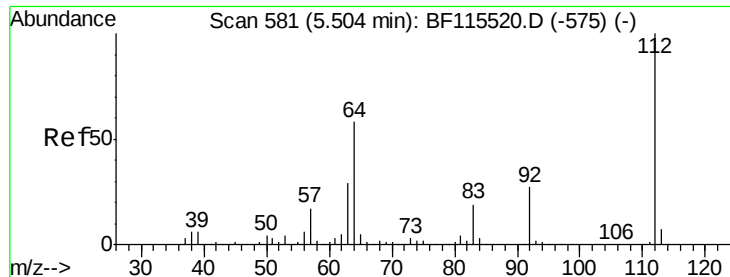
#4
 n-Nitrosodimethylamine
 Concen: 39.921 ng
 RT: 3.45 min Scan# 232
 Delta R.T. 0.04 min
 Lab File: BF115744.D
 Acq: 24 Jul 2019 10:44

Tgt Ion: 42 Resp: 211892
 Ion Ratio Lower Upper
 42 100
 74 148.6 127.5 191.3
 44 6.8 5.0 7.6



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: 111.549 ng

RT: 5.51 min Scan# 582

Delta R.T. 0.01 min

Lab File: BF115744.D

Acq: 24 Jul 2019 10:44

Instrument :

BNA_F

ClientSampled :

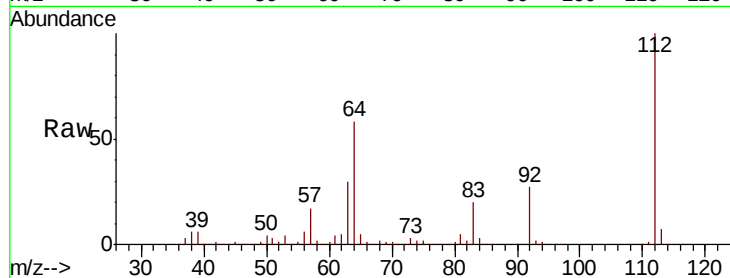
Tot Ion:112 Resp: 1205967

Ion Ratio Lower Upper

112 100

64 58.2 46.8 70.2

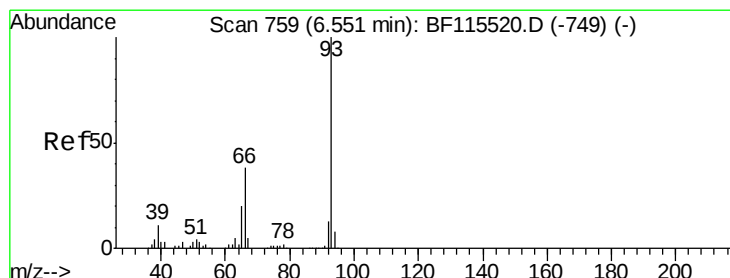
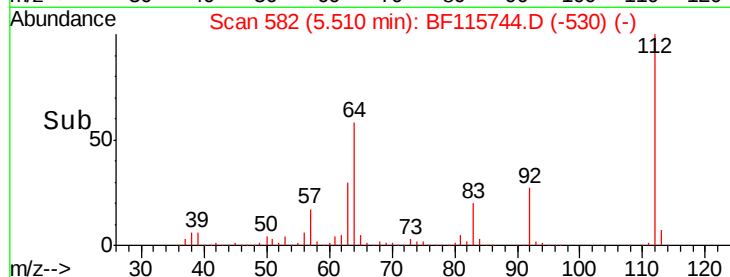
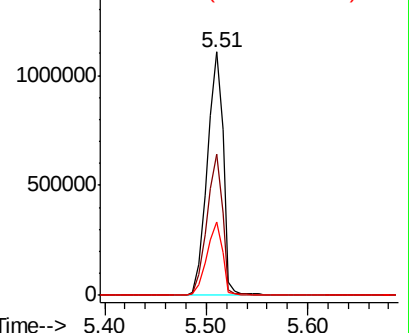
63 30.0 24.1 36.1



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: 24.585 ng

RT: 6.53 min Scan# 756

Delta R.T. -0.02 min

Lab File: BF115744.D

Acq: 24 Jul 2019 10:44

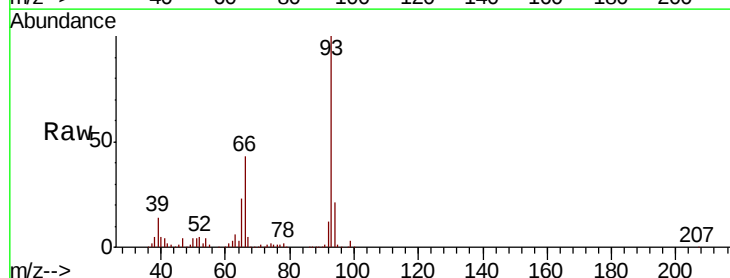
Tgt Ion: 93 Resp: 469343

Ion Ratio Lower Upper

93 100

66 42.9 31.7 47.5

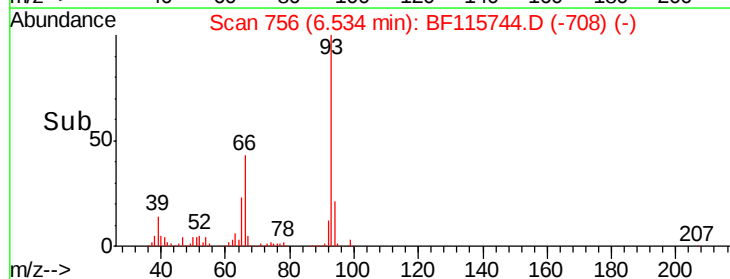
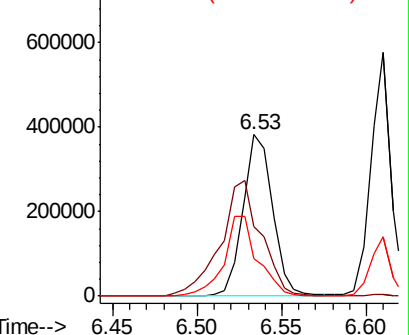
65 22.9 16.2 24.2

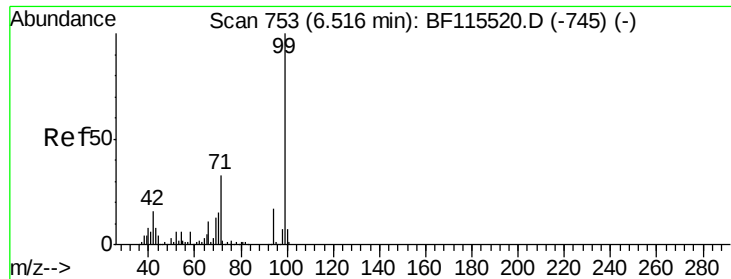


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 113.780 ng

RT: 6.51 min Scan# 752

Delta R.T. -0.01 min

Lab File: BF115744.D

Acq: 24 Jul 2019 10:44

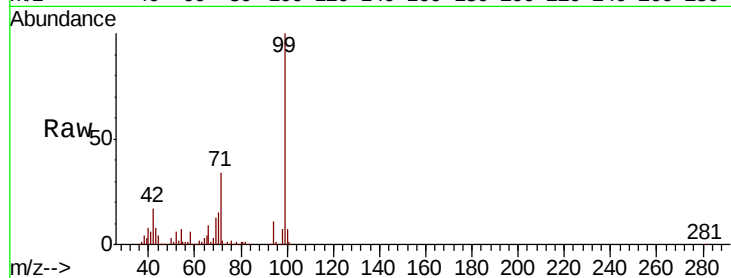
Instrument :

BNA_F

ClientSampled :

Tot Ion: 99 Resp: 1560834

Ion	Ratio	Lower	Upper
99	100		
42	16.8	13.6	20.4
71	34.2	28.5	42.7

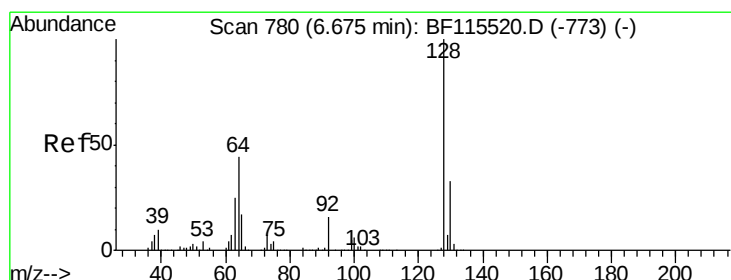
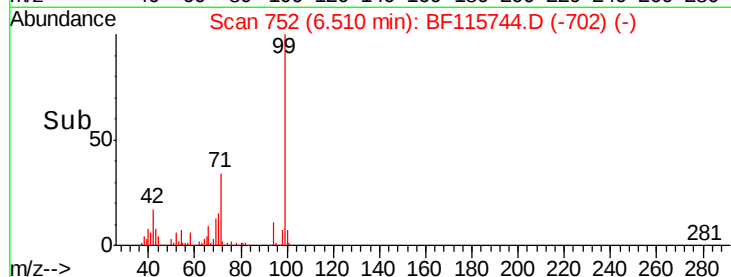
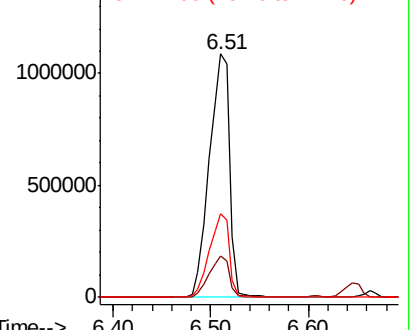


Abundance

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: 39.412 ng

RT: 6.66 min Scan# 778

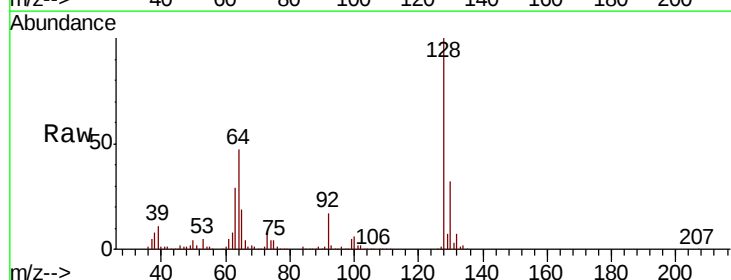
Delta R.T. -0.01 min

Lab File: BF115744.D

Acq: 24 Jul 2019 10:44

Tgt Ion: 128 Resp: 489882

Ion	Ratio	Lower	Upper
128	100		
130	32.5	12.8	52.8
64	47.1	26.8	66.8

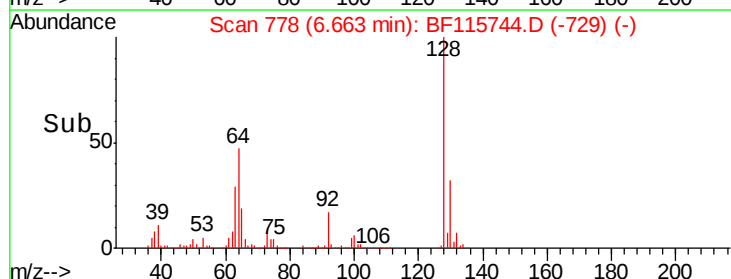
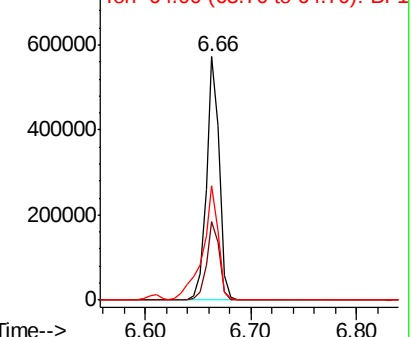


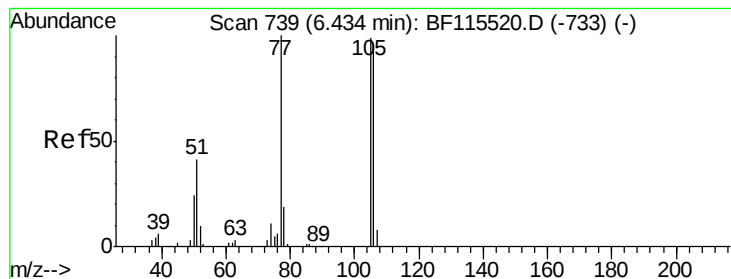
Abundance

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: 19.283 ng

RT: 6.42 min Scan# 737

Delta R.T. -0.01 min

Lab File: BF115744.D

Acq: 24 Jul 2019 10:44

Instrument :

BNA_F

ClientSampled :

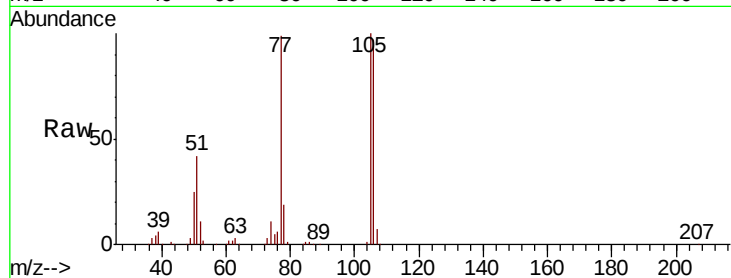
Tot Ion: 77 Resp: 165303

Ion Ratio Lower Upper

77 100

105 101.3 78.8 118.8

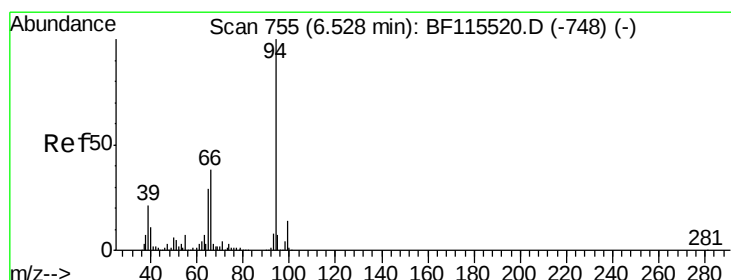
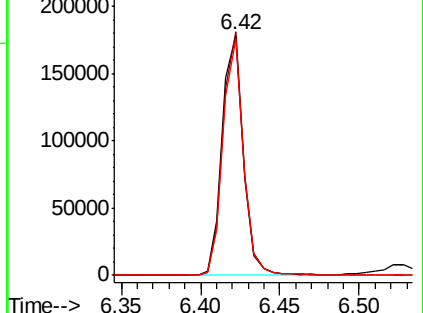
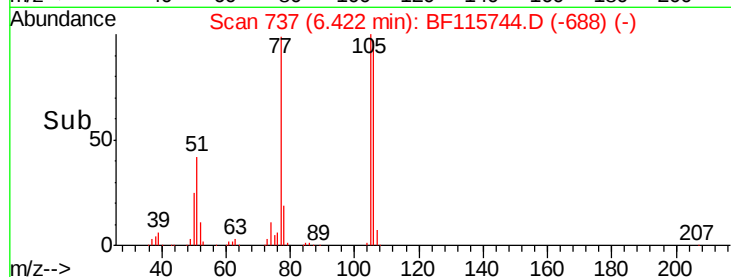
106 98.3 75.6 115.6



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 38.499 ng

RT: 6.52 min Scan# 754

Delta R.T. -0.01 min

Lab File: BF115744.D

Acq: 24 Jul 2019 10:44

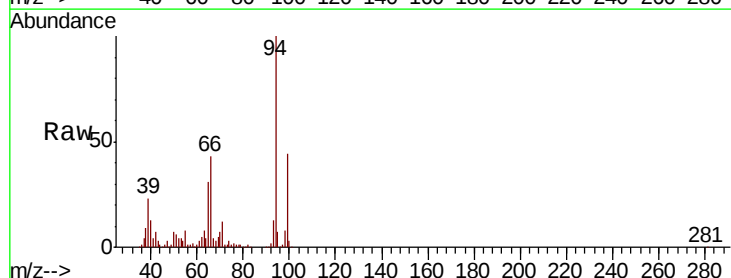
Tgt Ion: 94 Resp: 613093

Ion Ratio Lower Upper

94 100

65 31.0 14.5 54.5

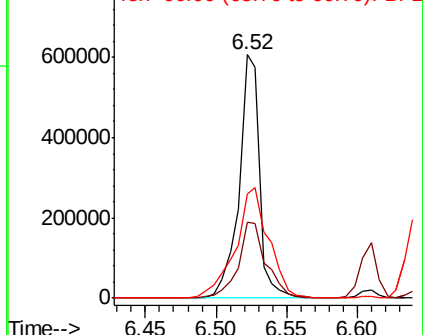
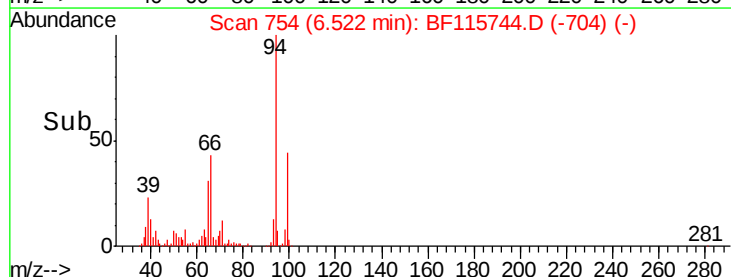
66 42.8 31.3 71.3

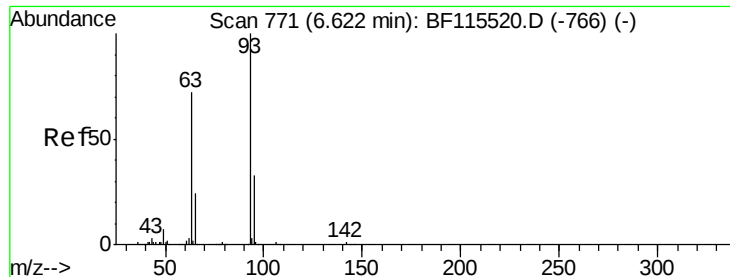


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 38.476 ng

RT: 6.61 min Scan# 769

Delta R.T. -0.01 min

Lab File: BF115744.D

Acq: 24 Jul 2019 10:44

Instrument :

BNA_F

ClientSampleId :

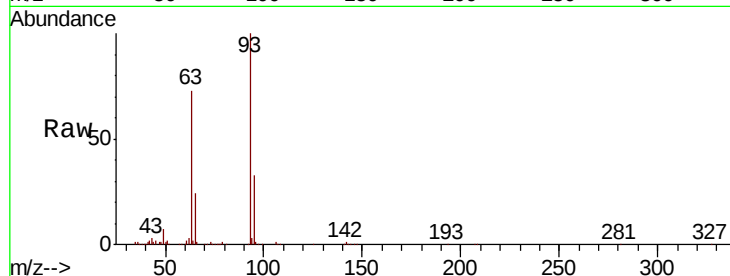
Tot Ion: 93 Resp: 466494

Ion Ratio Lower Upper

93 100

63 73.1 52.2 92.2

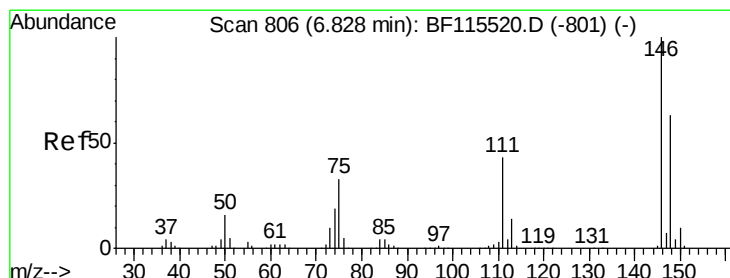
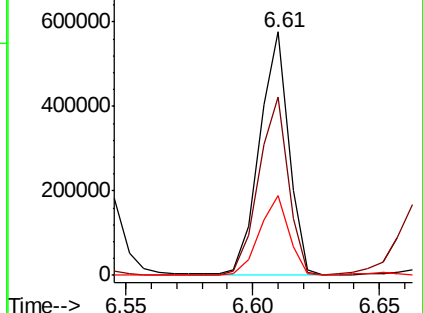
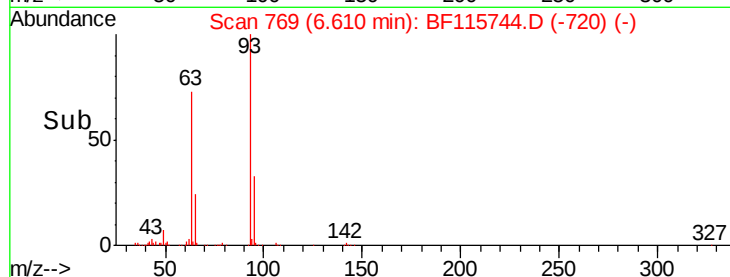
95 32.7 12.9 52.9



Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 63.00 (62.70 to 63.70): BF1

Ion 95.00 (94.70 to 95.70): BF1



#12

1,3-Dichlorobenzene

Concen: 35.365 ng

RT: 6.82 min Scan# 804

Delta R.T. -0.01 min

Lab File: BF115744.D

Acq: 24 Jul 2019 10:44

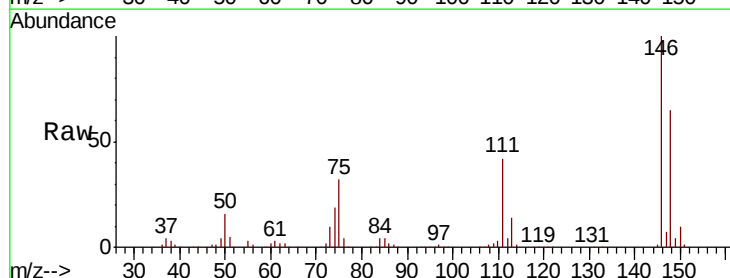
Tgt Ion: 146 Resp: 494233

Ion Ratio Lower Upper

146 100

148 65.1 52.1 78.1

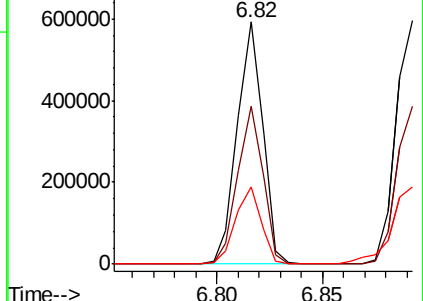
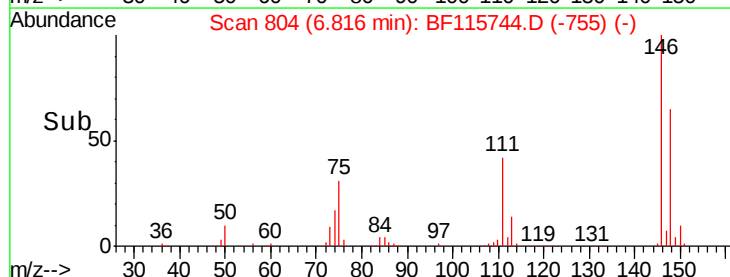
75 31.9 24.9 37.3

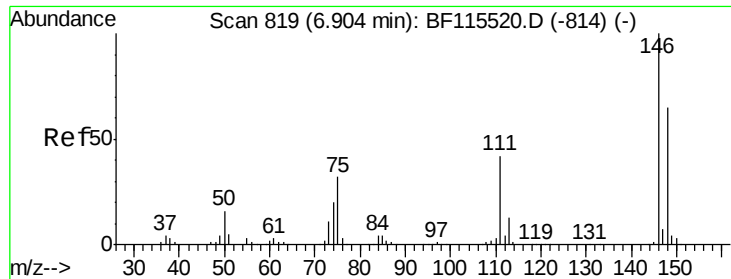


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF1

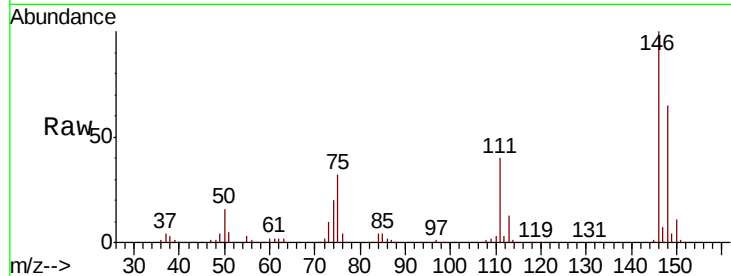




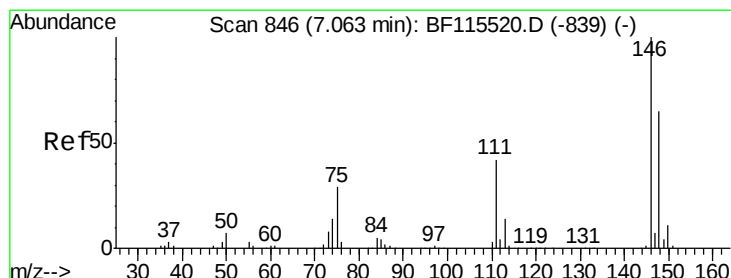
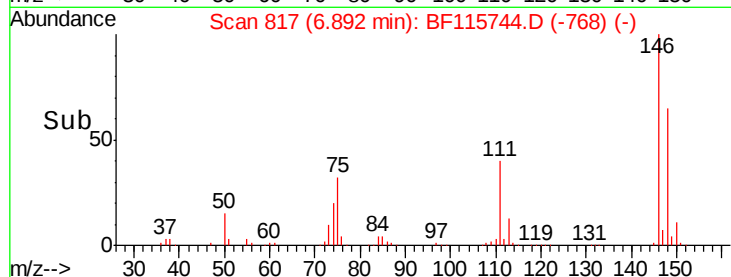
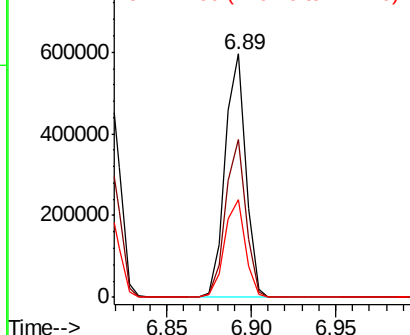
#13
 1,4-Dichlorobenzene
 Concen: 36.363 ng
 RT: 6.89 min Scan# 817
 Delta R.T. -0.01 min
 Lab File: BF115744.D
 Acq: 24 Jul 2019 10:44

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:146 Resp: 507026
 Ion Ratio Lower Upper
 146 100
 148 64.7 51.8 77.6
 111 39.9 35.5 53.3

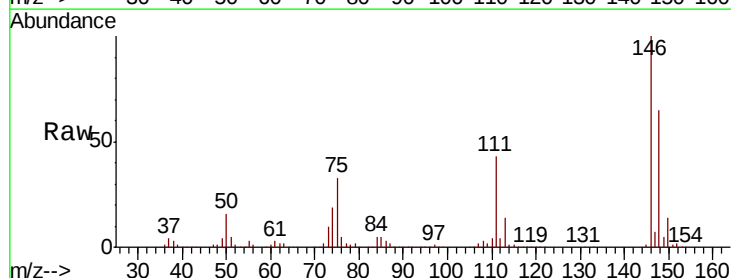


Abundance Ion 146.00 (145.70 to 146.70): E
 800000 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

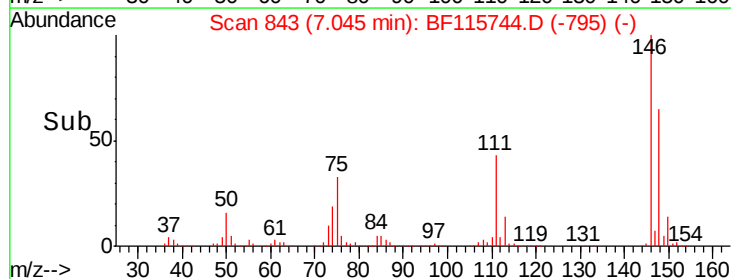
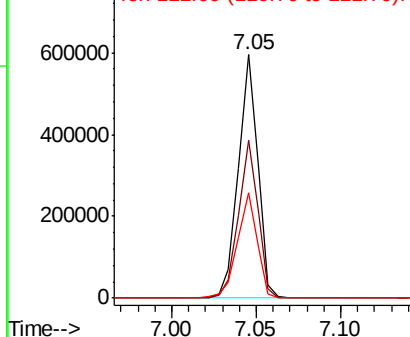


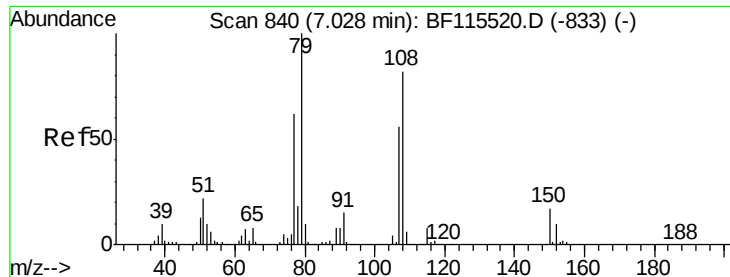
#14
 1,2-Dichlorobenzene
 Concen: 37.105 ng
 RT: 7.05 min Scan# 843
 Delta R.T. -0.02 min
 Lab File: BF115744.D
 Acq: 24 Jul 2019 10:44

Tgt Ion:146 Resp: 472945
 Ion Ratio Lower Upper
 146 100
 148 64.9 51.1 76.7
 111 43.3 37.6 56.4



Abundance Ion 146.00 (145.70 to 146.70): E
 800000 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 38.984 ng

RT: 7.02 min Scan# 838

Delta R.T. -0.01 min

Lab File: BF115744.D

Acq: 24 Jul 2019 10:44

Instrument :

BNA_F

ClientSampled :

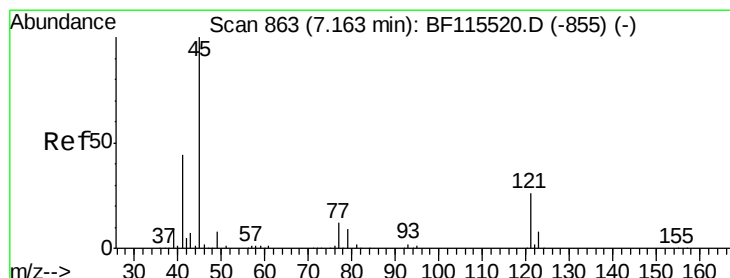
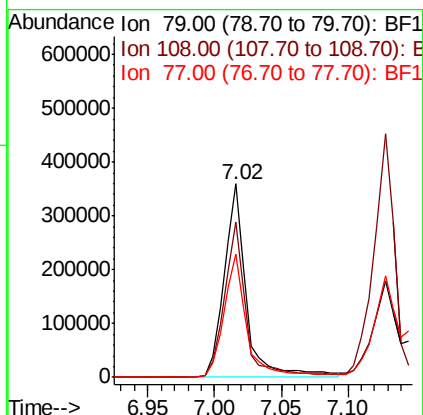
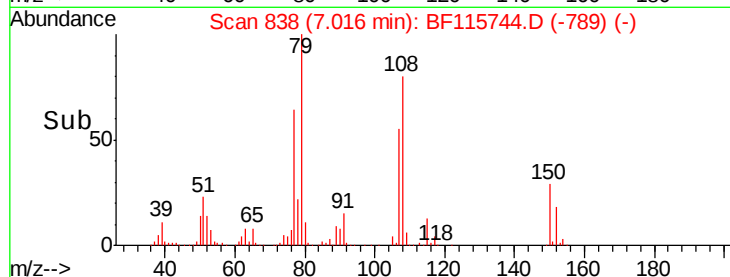
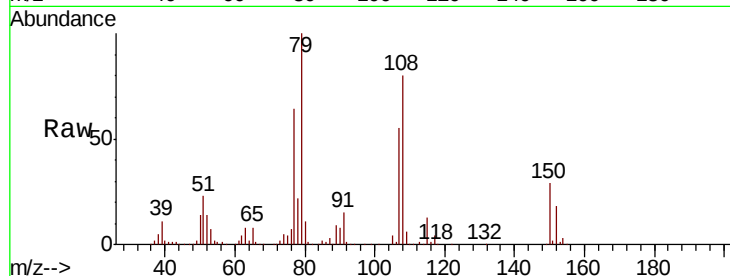
Tot Ion: 79 Resp: 424232

Ion Ratio Lower Upper

79 100

108 80.3 64.2 96.4

77 63.7 51.8 77.8



#16

2,2'-oxybis(1-chloropropane)

Concen: 39.989 ng

RT: 7.15 min Scan# 860

Delta R.T. -0.02 min

Lab File: BF115744.D

Acq: 24 Jul 2019 10:44

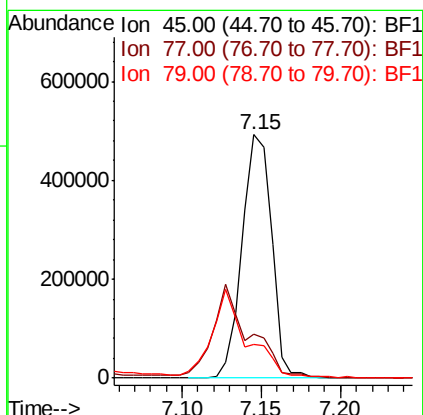
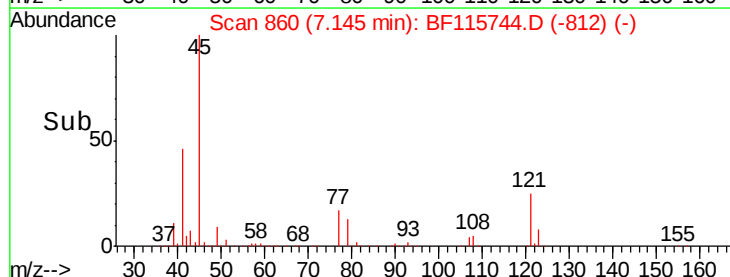
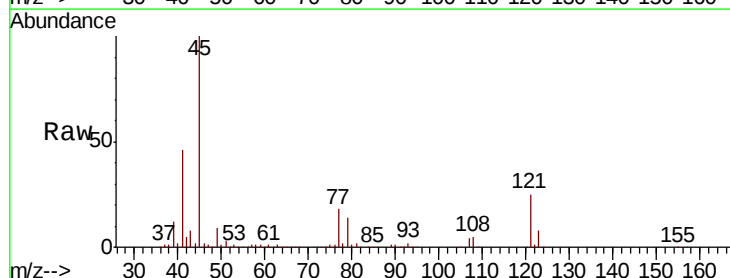
Tgt Ion: 45 Resp: 638317

Ion Ratio Lower Upper

45 100

77 17.8 0.0 38.1

79 13.7 0.0 34.1

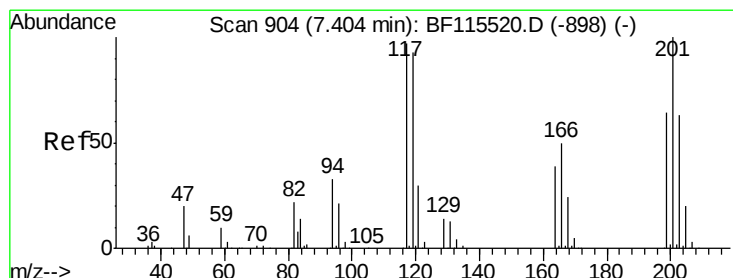
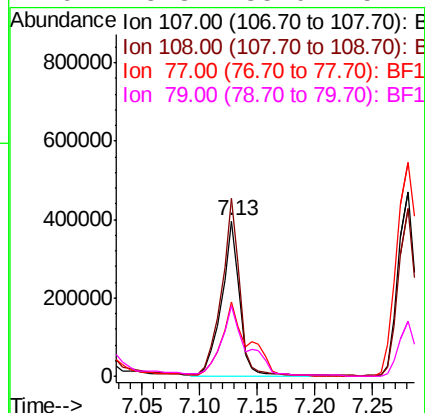
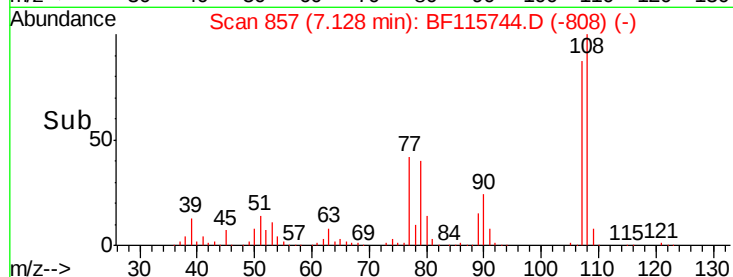
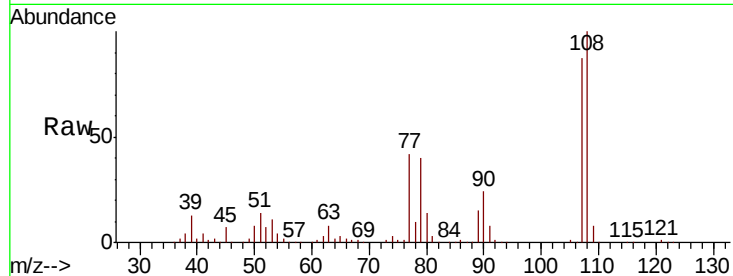




#17
2-Methylphenol
Concen: 40.475 ng
RT: 7.13 min Scan# 857
Delta R.T. -0.01 min
Lab File: BF115744.D
Acq: 24 Jul 2019 10:44

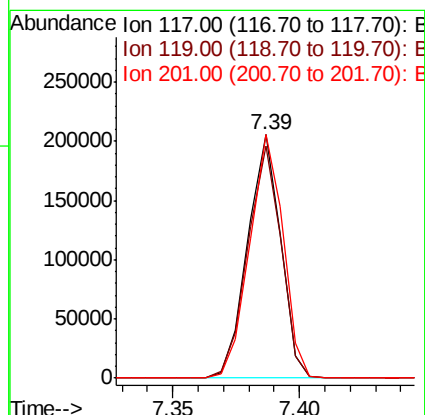
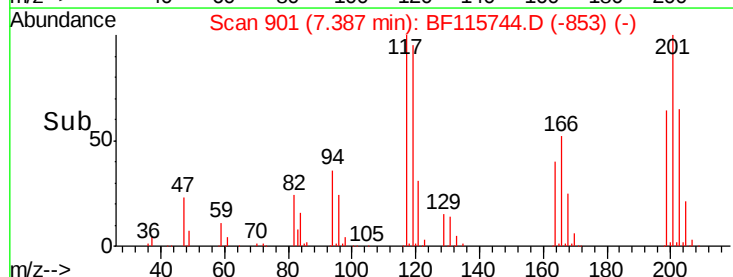
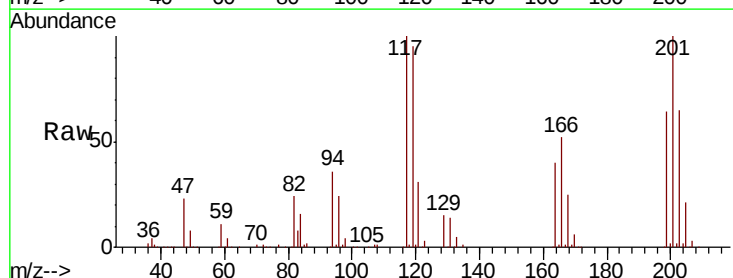
Instrument :
BNA_F
ClientSampleId :

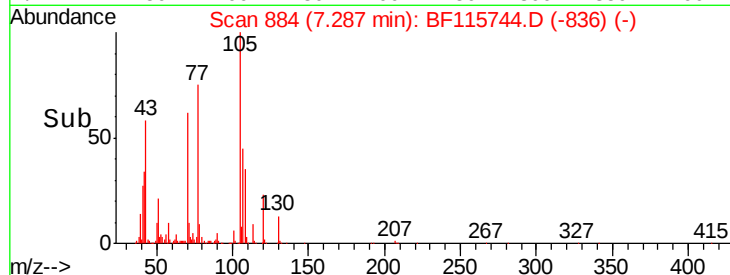
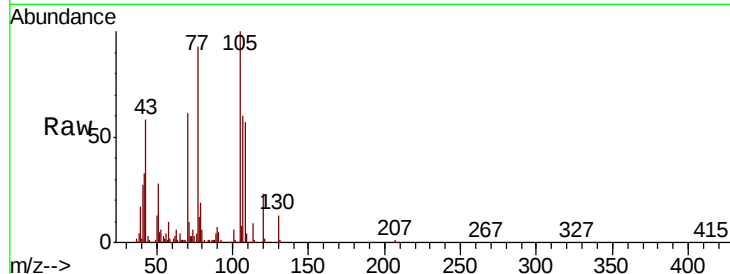
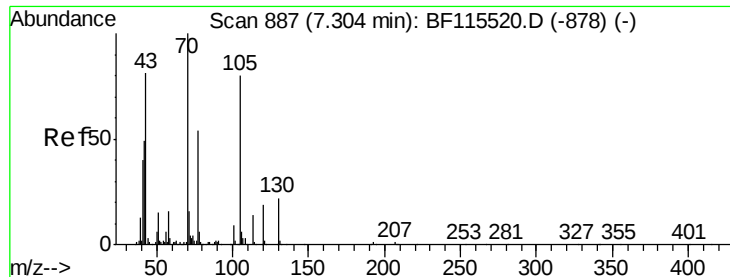
Tot Ion	Ratio	Lower	Upper
107	100		
108	114.4	89.4	134.2
77	47.8	35.7	53.5
79	45.3	35.0	52.4



#18
Hexachloroethane
Concen: 36.028 ng
RT: 7.39 min Scan# 901
Delta R.T. -0.02 min
Lab File: BF115744.D
Acq: 24 Jul 2019 10:44

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.4	77.7	116.5
201	100.1	86.0	129.0

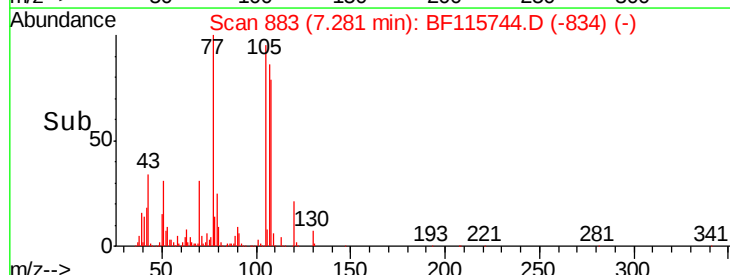
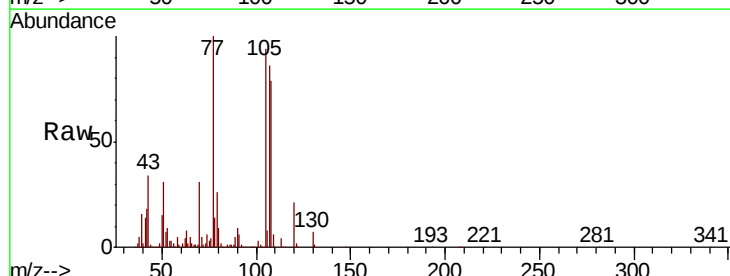
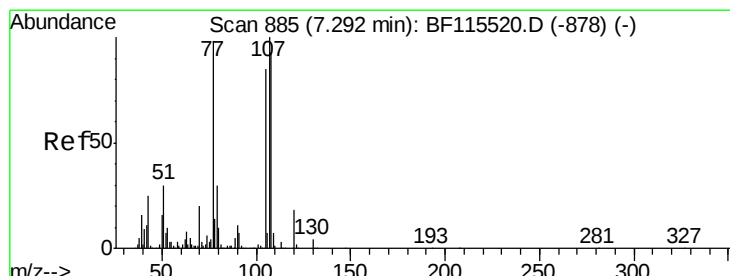
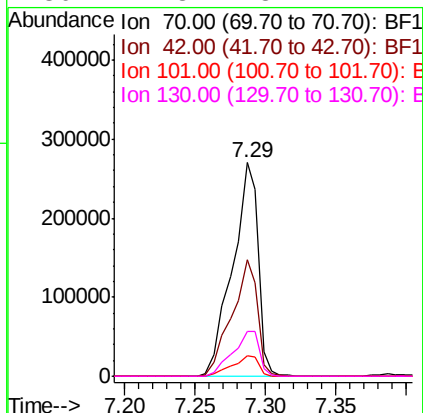




#19
n-Nitroso-di-n-propylamine
Concen: 38.122 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.02 min
Lab File: BF115744.D
Acq: 24 Jul 2019 10:44

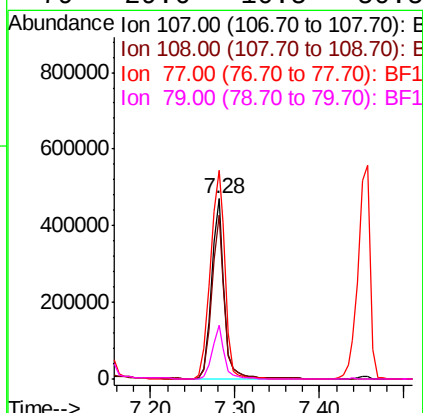
Instrument :
BNA_F
ClientSampleId :

Tot Ion:	70	Resp:	341062
Ion	Ratio	Lower	Upper
70	100		
42	54.3	39.6	59.4
101	9.6	8.1	12.1
130	21.3	18.2	27.2



#20
3+4-Methylphenols
Concen: 39.091 ng
RT: 7.28 min Scan# 883
Delta R.T. -0.01 min
Lab File: BF115744.D
Acq: 24 Jul 2019 10:44

Tgt Ion:	107	Resp:	497379
Ion	Ratio	Lower	Upper
107	100		
108	91.3	72.9	112.9
77	116.0	77.6	117.6
79	29.6	10.5	50.5





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.16 min Scan# 1032

Delta R.T. -0.01 min

Lab File: BF115744.D

Acq: 24 Jul 2019 10:44

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 731172

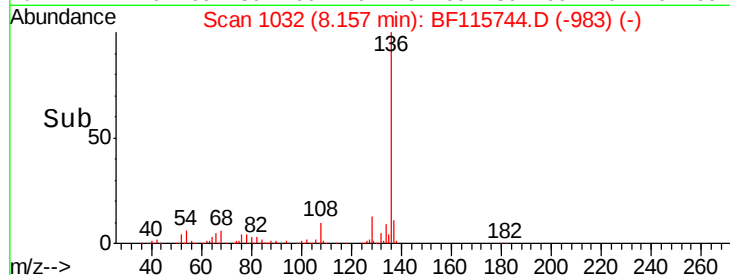
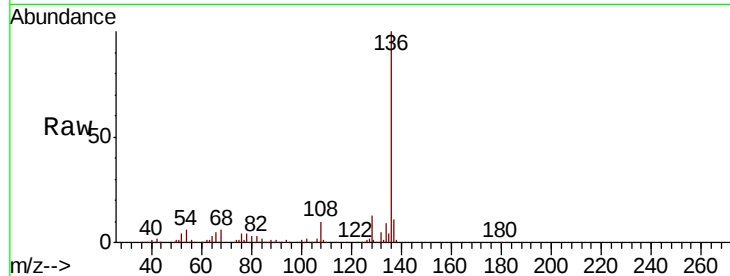
Ion Ratio Lower Upper

136 100

137 10.8 9.0 13.4

54 6.5 5.6 8.4

68 5.9 5.0 7.6

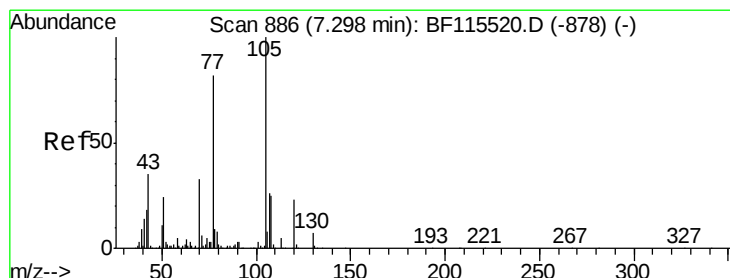
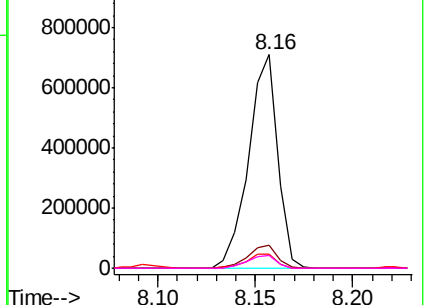


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 40.292 ng

RT: 7.28 min Scan# 883

Delta R.T. -0.02 min

Lab File: BF115744.D

Acq: 24 Jul 2019 10:44

Tgt Ion:105 Resp: 665558

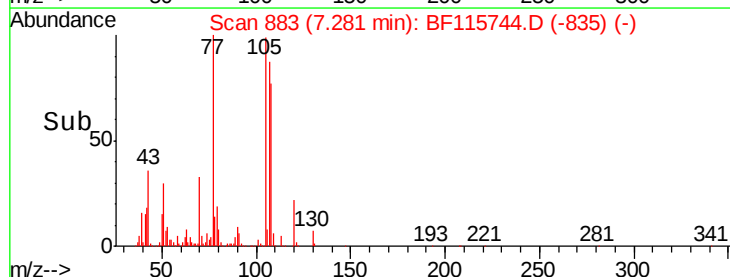
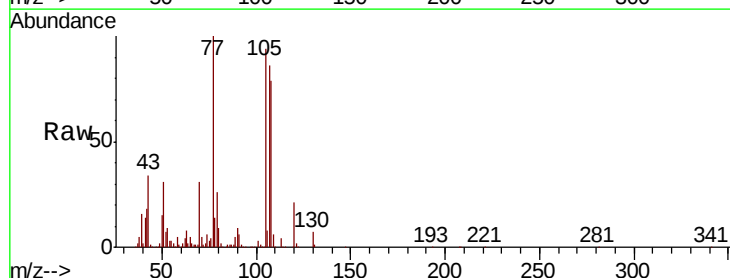
Ion Ratio Lower Upper

105 100

71 5.4 3.5 5.3#

51 32.9 25.6 38.4

120 21.8 17.9 26.9

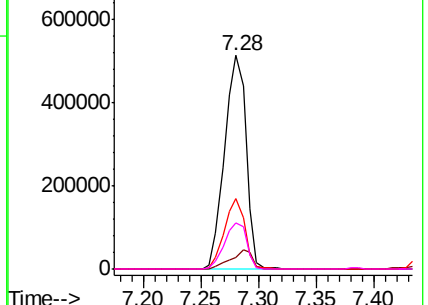


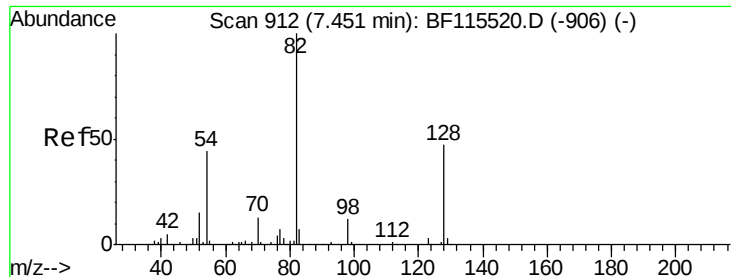
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E





#23

Nitrobenzene-d5

Concen: 78.879 ng

RT: 7.43 min Scan# 909

Delta R.T. -0.02 min

Lab File: BF115744.D

Acq: 24 Jul 2019 10:44

Instrument :

BNA_F

ClientSampled :

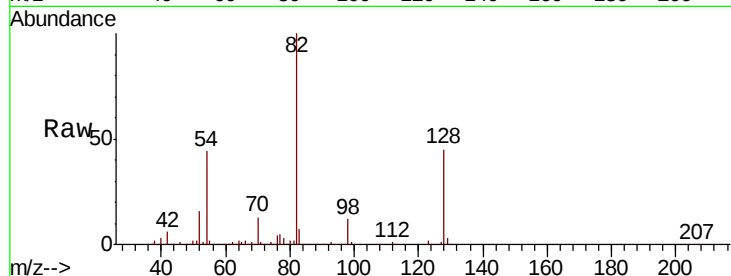
Tot Ion: 82 Resp: 991880

Ion Ratio Lower Upper

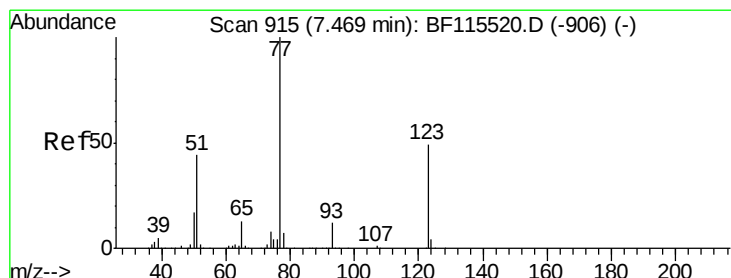
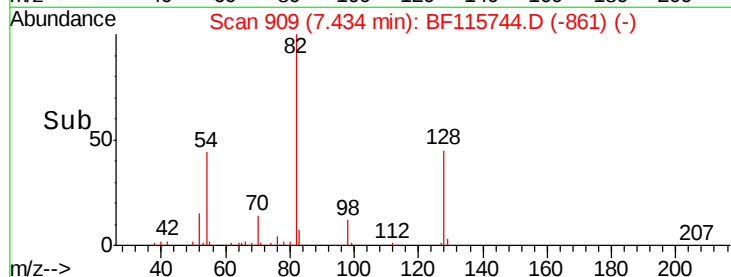
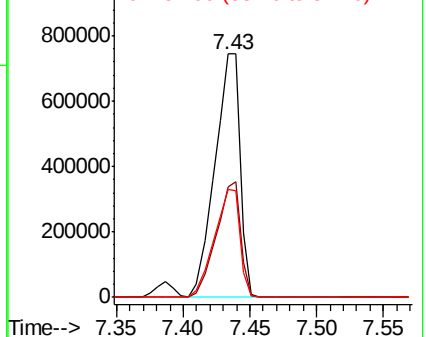
82 100

128 45.4 38.6 57.8

54 44.5 35.6 53.4



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



#24

Nitrobenzene

Concen: 40.497 ng

RT: 7.46 min Scan# 913

Delta R.T. -0.01 min

Lab File: BF115744.D

Acq: 24 Jul 2019 10:44

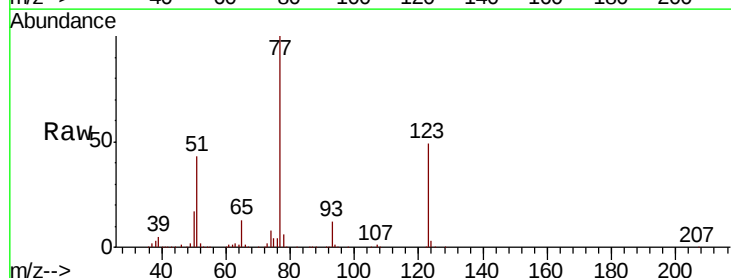
Tgt Ion: 77 Resp: 549255

Ion Ratio Lower Upper

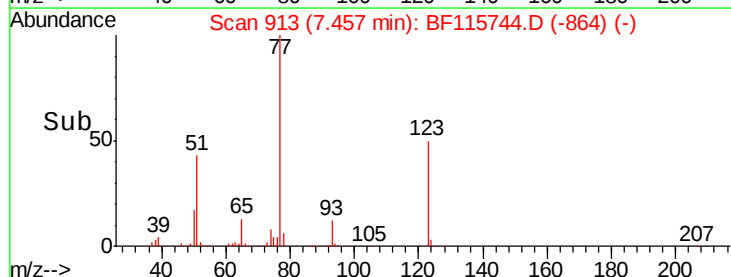
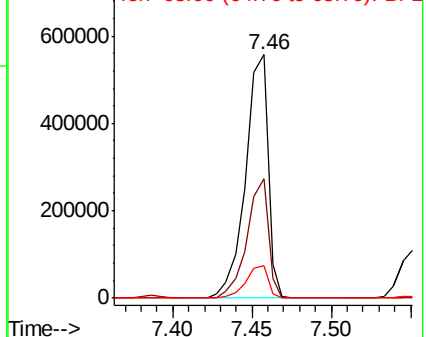
77 100

123 49.3 40.0 60.0

65 13.2 11.0 16.4



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

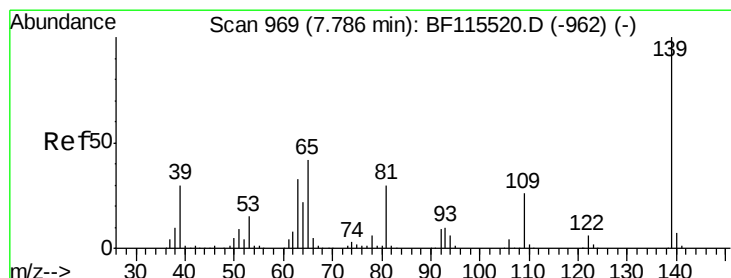
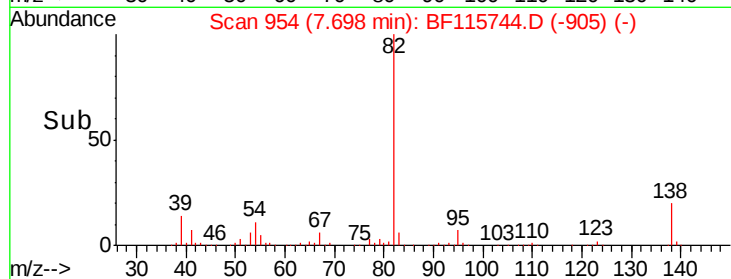
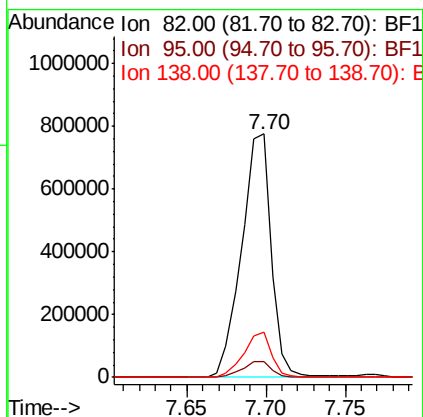
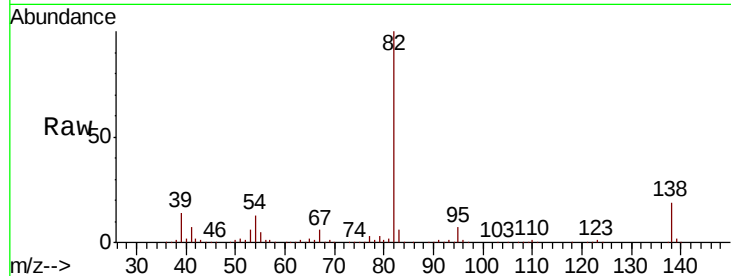




#25
Isophorone
Concen: 39.964 ng
RT: 7.70 min Scan# 954
Delta R.T. -0.01 min
Lab File: BF115744.D
Acq: 24 Jul 2019 10:44

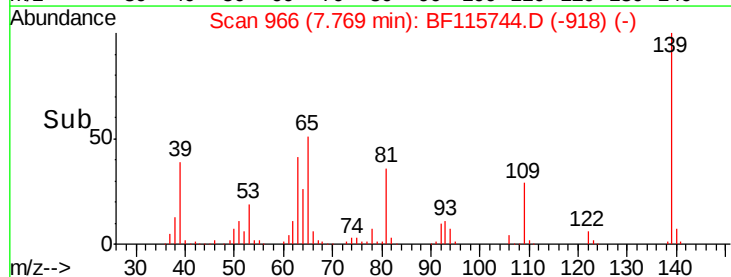
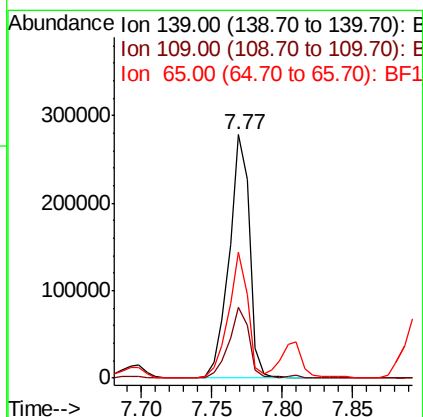
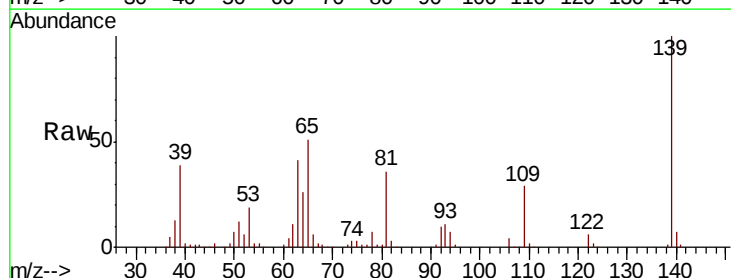
Instrument :
BNA_F
ClientSampleId :

Tot Ion: 82 Resp: 1005565
Ion Ratio Lower Upper
82 100
95 6.7 5.5 8.3
138 18.6 14.9 22.3



#26
2-Nitrophenol
Concen: 40.036 ng
RT: 7.77 min Scan# 966
Delta R.T. -0.02 min
Lab File: BF115744.D
Acq: 24 Jul 2019 10:44

Tgt Ion: 139 Resp: 279494
Ion Ratio Lower Upper
139 100
109 29.2 23.3 34.9
65 51.5 37.9 56.9





#27

2,4-Dimethylphenol

Concen: 42.845 ng

RT: 7.81 min Scan# 973

Delta R.T. -0.01 min

Lab File: BF115744.D

Acq: 24 Jul 2019 10:44

Instrument :

BNA_F

ClientSampleId :

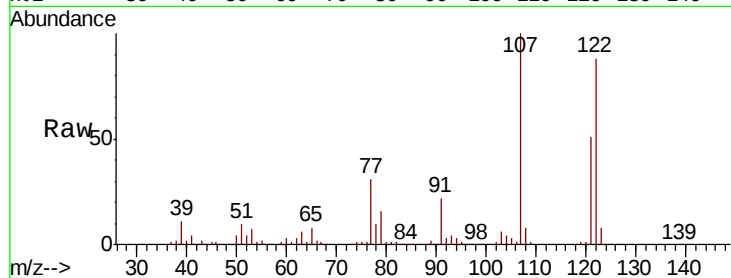
Tot Ion:122 Resp: 447522

Ion Ratio Lower Upper

122 100

107 114.1 92.9 139.3

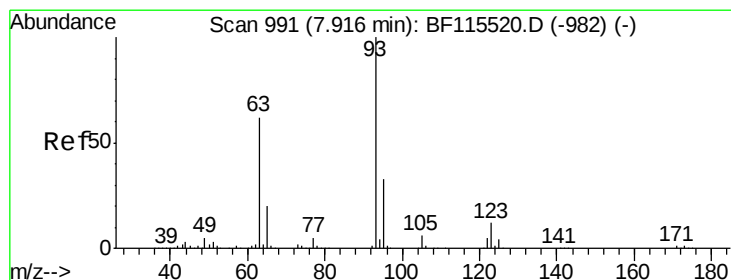
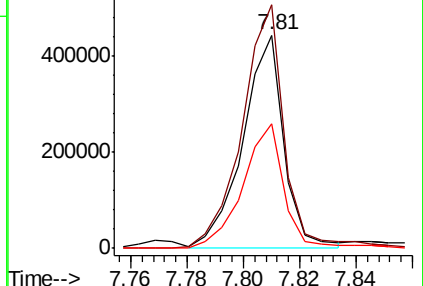
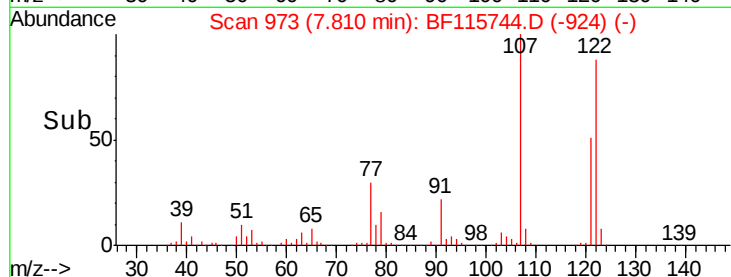
121 58.5 46.9 70.3



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 39.832 ng

RT: 7.90 min Scan# 988

Delta R.T. -0.02 min

Lab File: BF115744.D

Acq: 24 Jul 2019 10:44

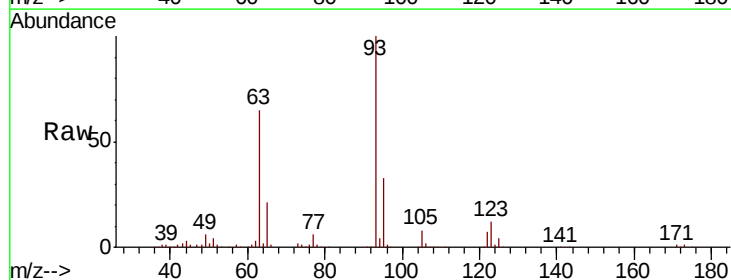
Tgt Ion: 93 Resp: 614866

Ion Ratio Lower Upper

93 100

95 33.2 27.0 40.4

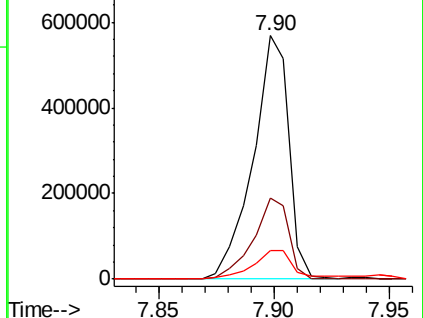
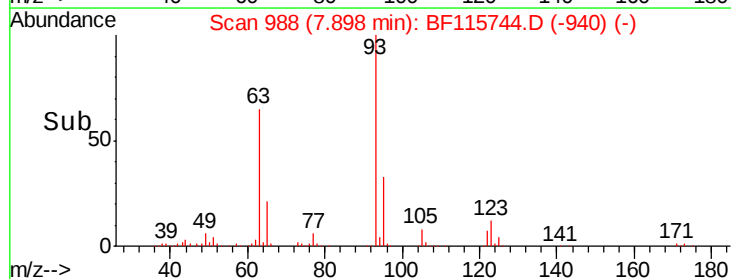
123 11.9 9.9 14.9

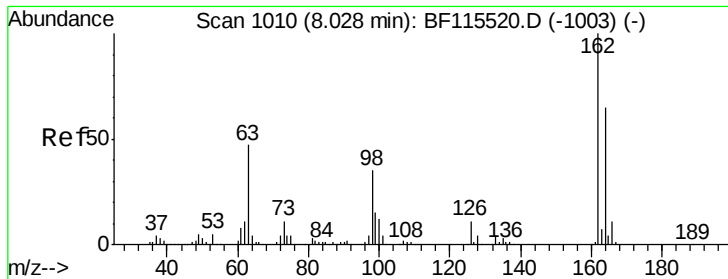


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

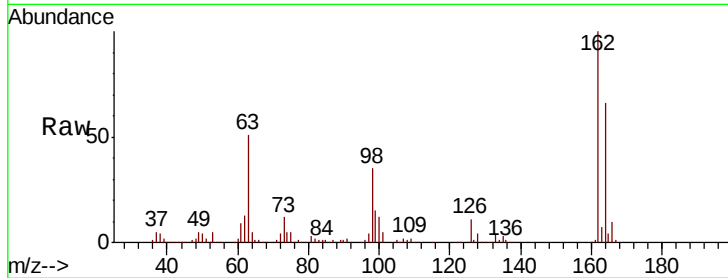




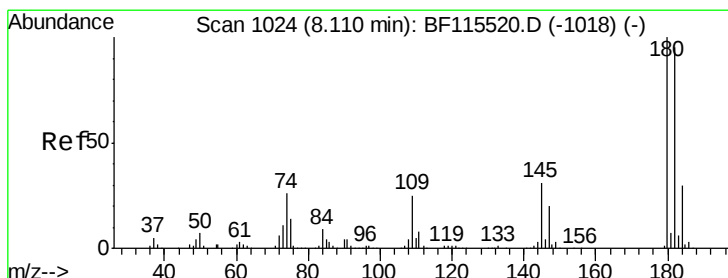
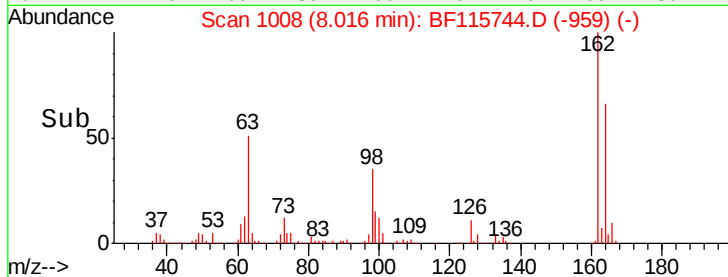
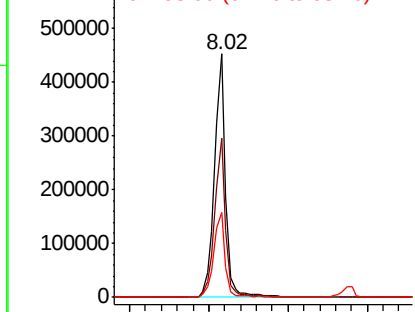
#29
2,4-Dichlorophenol
Concen: 40.509 ng
RT: 8.02 min Scan# 1008
Delta R.T. -0.01 min
Lab File: BF115744.D
Acq: 24 Jul 2019 10:44

Instrument :
BNA_F
ClientSampleId :

Tot Ion:162 Resp: 440049
Ion Ratio Lower Upper
162 100
164 65.6 44.9 84.9
98 35.0 17.7 57.7

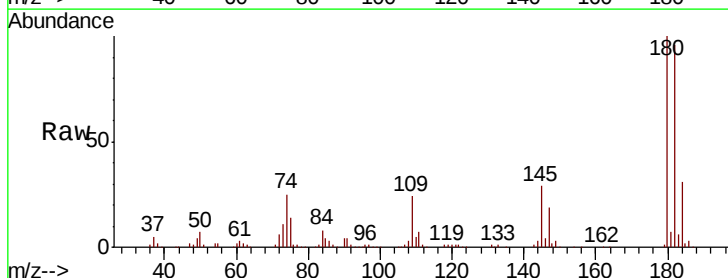


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

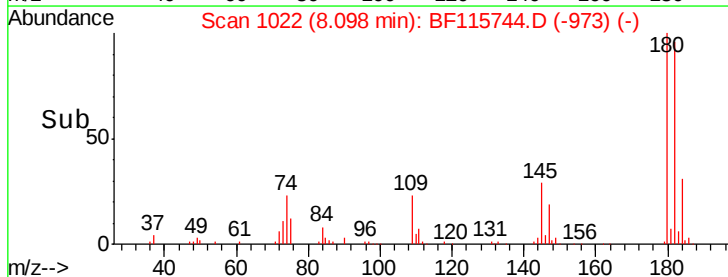
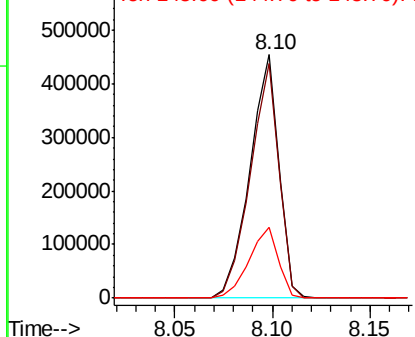


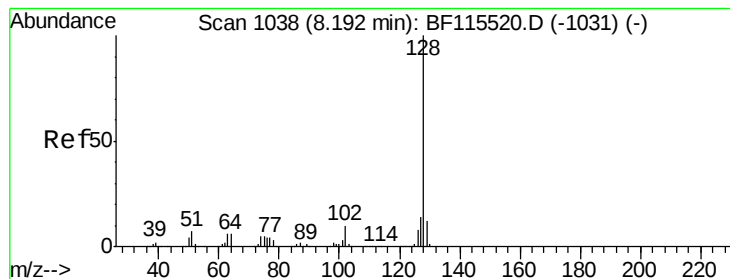
#30
1,2,4-Trichlorobenzene
Concen: 37.928 ng
RT: 8.10 min Scan# 1022
Delta R.T. -0.01 min
Lab File: BF115744.D
Acq: 24 Jul 2019 10:44

Tgt Ion:180 Resp: 465735
Ion Ratio Lower Upper
180 100
182 96.5 75.0 112.6
145 29.2 25.1 37.7



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





#31

Naphthalene

Concen: 40.290 ng

RT: 8.18 min Scan# 1036

Delta R.T. -0.01 min

Lab File: BF115744.D

Acq: 24 Jul 2019 10:44

Instrument :

BNA_F

ClientSampleId :

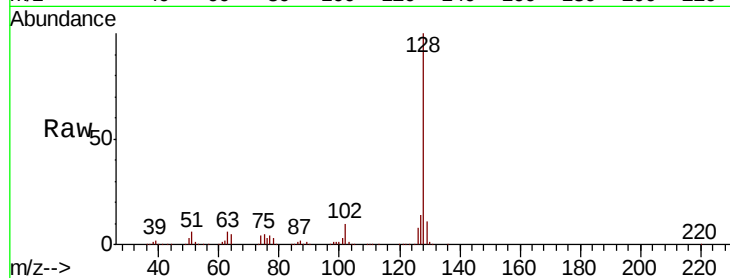
Tot Ion:128 Resp: 1426719

Ion Ratio Lower Upper

128 100

129 11.4 9.9 14.9

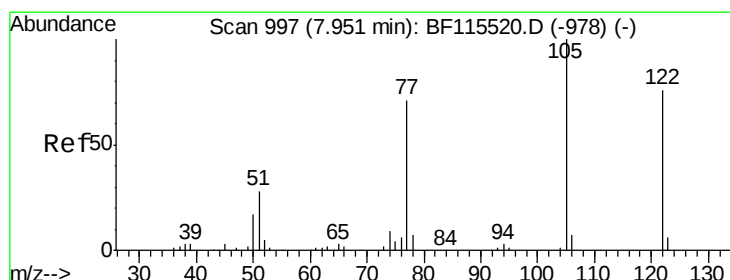
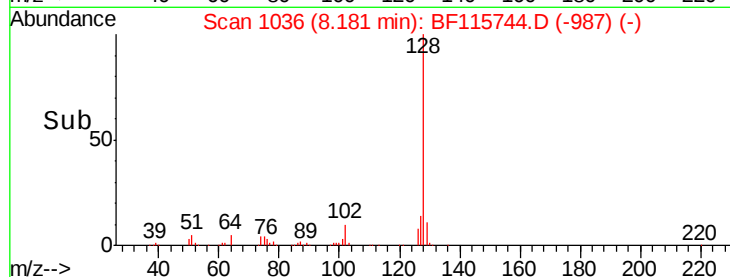
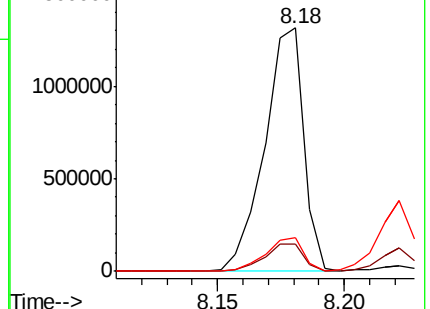
127 13.9 12.1 18.1



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: 37.467 ng

RT: 7.95 min Scan# 997

Delta R.T. 0.00 min

Lab File: BF115744.D

Acq: 24 Jul 2019 10:44

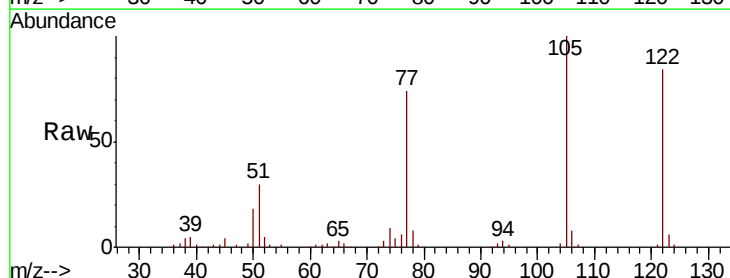
Tgt Ion:122 Resp: 321171

Ion Ratio Lower Upper

122 100

105 119.1 102.5 142.5

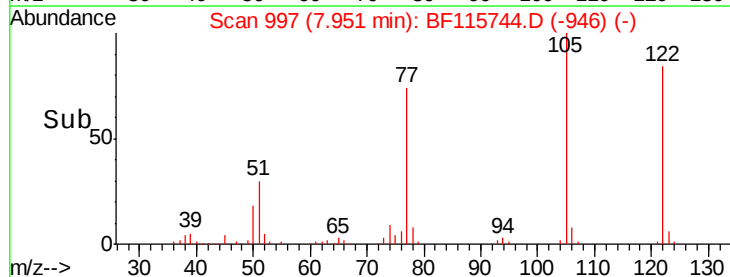
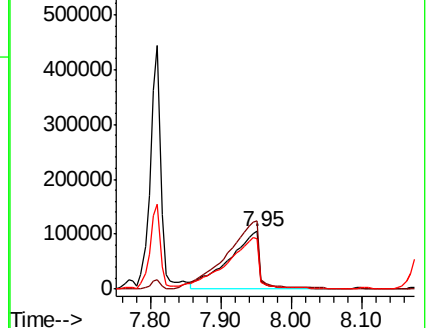
77 88.7 70.2 110.2



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

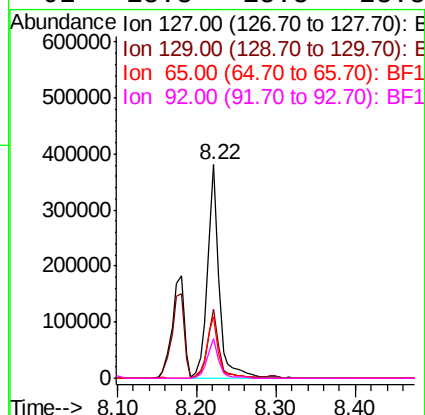
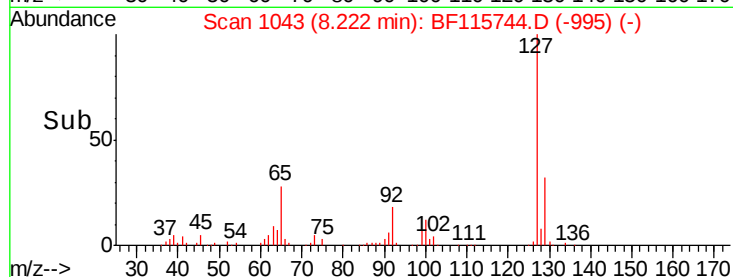
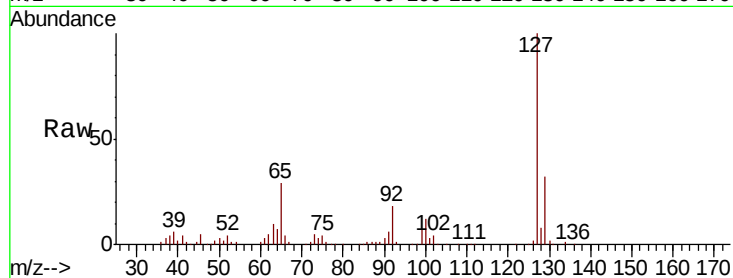




#33
4-Chloroaniline
Concen: 25.269 ng
RT: 8.22 min Scan# 1043
Delta R.T. -0.02 min
Lab File: BF115744.D
Acq: 24 Jul 2019 10:44

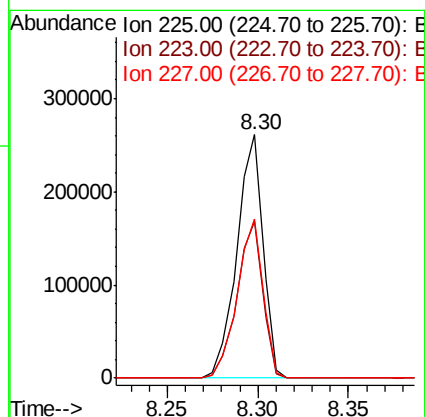
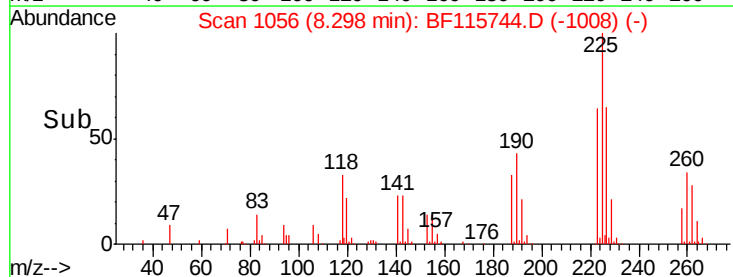
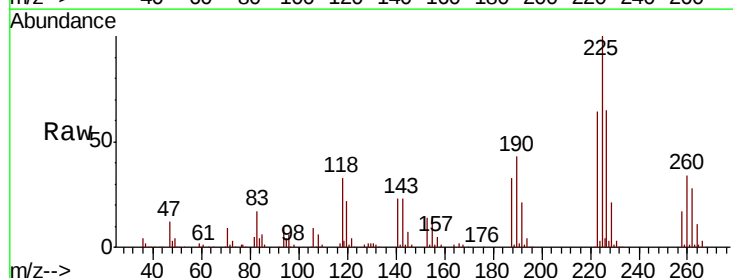
Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	396343
Ion	Ratio	Lower	Upper
127	100		
129	32.5	26.6	39.8
65	29.0	23.7	35.5
92	18.3	15.8	23.8



#34
Hexachlorobutadiene
Concen: 37.215 ng
RT: 8.30 min Scan# 1056
Delta R.T. -0.02 min
Lab File: BF115744.D
Acq: 24 Jul 2019 10:44

Tgt Ion:	225	Resp:	262057
Ion	Ratio	Lower	Upper
225	100		
223	64.4	50.9	76.3
227	65.3	50.7	76.1

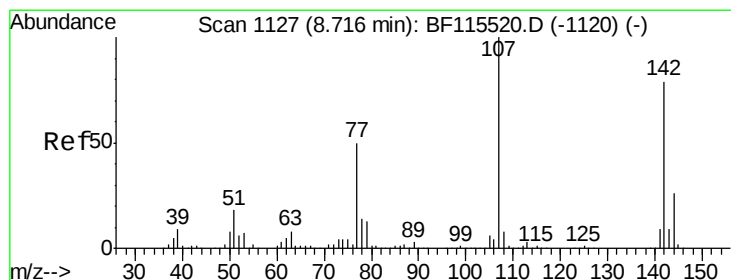
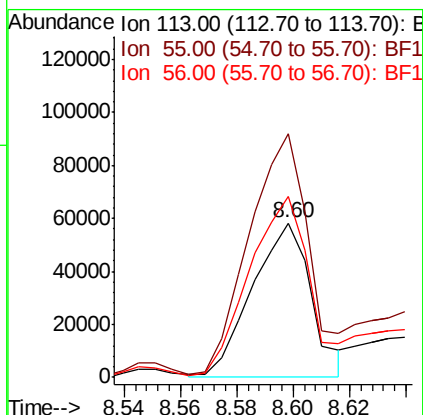
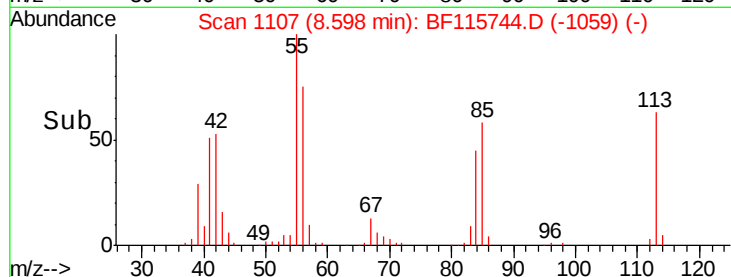
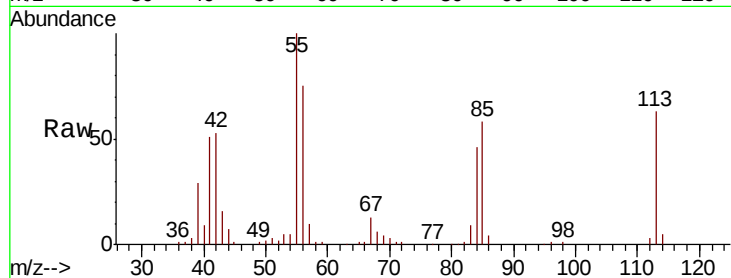




#35
Caprolactam
Concen: 24.973 ng
RT: 8.60 min Scan# 1107
Delta R.T. -0.02 min
Lab File: BF115744.D
Acq: 24 Jul 2019 10:44

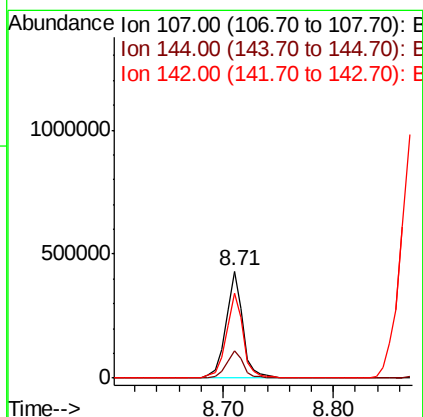
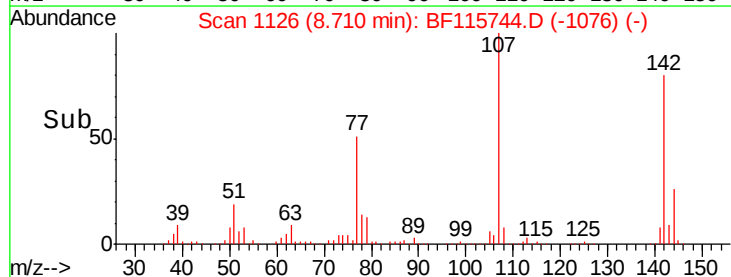
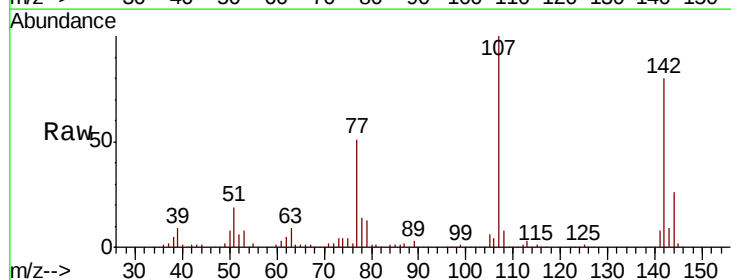
Instrument :
BNA_F
ClientSampleId :

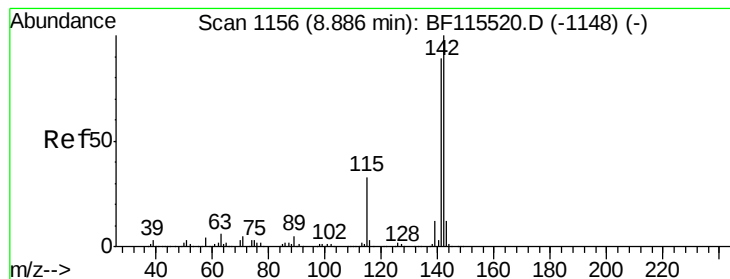
Tot Ion:113 Resp: 83829
Ion Ratio Lower Upper
113 100
55 157.8 126.9 166.9
56 117.6 90.3 130.3



#36
4-Chloro-3-methylphenol
Concen: 40.999 ng
RT: 8.71 min Scan# 1126
Delta R.T. -0.01 min
Lab File: BF115744.D
Acq: 24 Jul 2019 10:44

Tgt Ion:107 Resp: 461985
Ion Ratio Lower Upper
107 100
144 25.6 20.6 30.8
142 79.7 63.1 94.7





#37

2-Methylnaphthalene

Concen: 41.259 ng

RT: 8.87 min Scan# 1153

Delta R.T. -0.02 min

Lab File: BF115744.D

Acq: 24 Jul 2019 10:44

Instrument :

BNA_F

ClientSampleId :

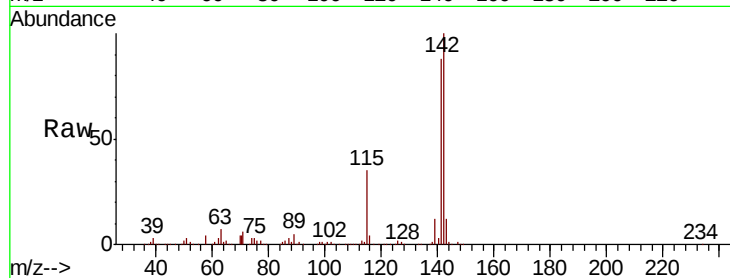
Tot Ion:142 Resp: 968464

Ion Ratio Lower Upper

142 100

141 88.3 72.0 108.0

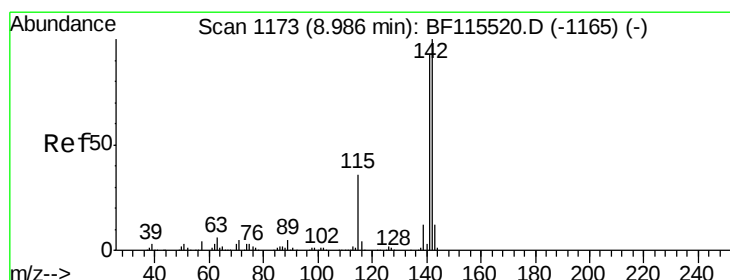
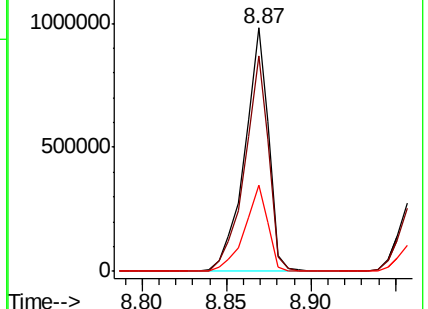
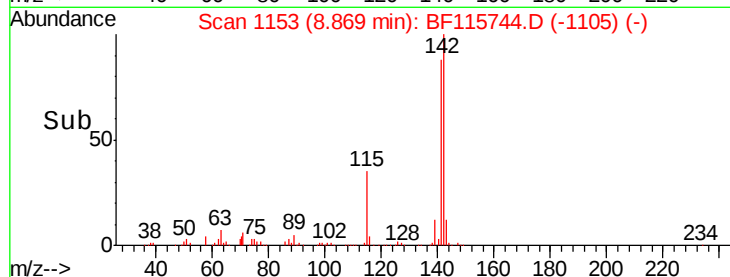
115 35.3 29.9 44.9



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: 40.788 ng

RT: 8.97 min Scan# 1170

Delta R.T. -0.02 min

Lab File: BF115744.D

Acq: 24 Jul 2019 10:44

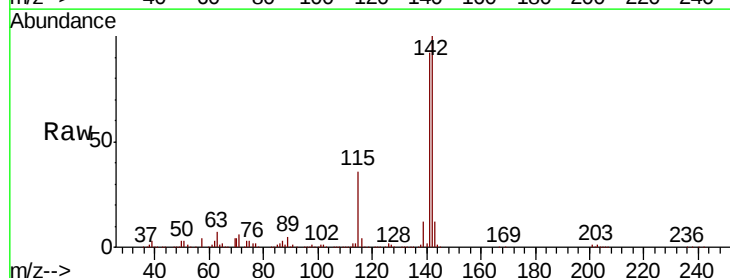
Tgt Ion:142 Resp: 909391

Ion Ratio Lower Upper

142 100

141 92.2 75.3 112.9

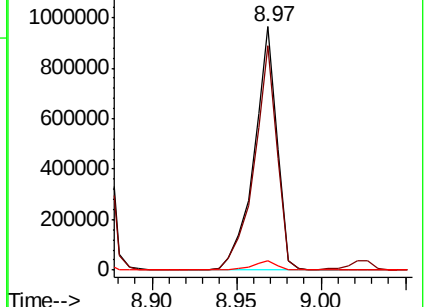
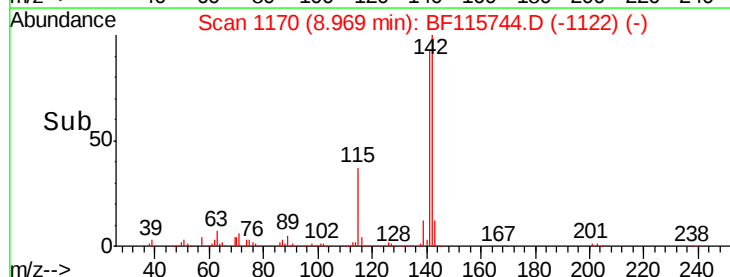
116 4.0 3.3 4.9



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: 9.91 min Scan# 1330

Delta R.T. -0.02 min

Lab File: BF115744.D

Acq: 24 Jul 2019 10:44

Instrument :

BNA_F

ClientSampleId :

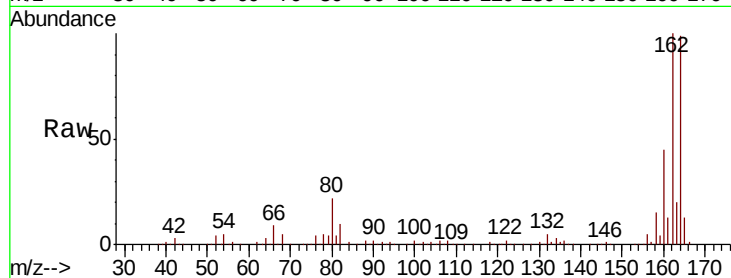
Tot Ion:164 Resp: 376994

Ion Ratio Lower Upper

164 100

162 101.2 82.9 124.3

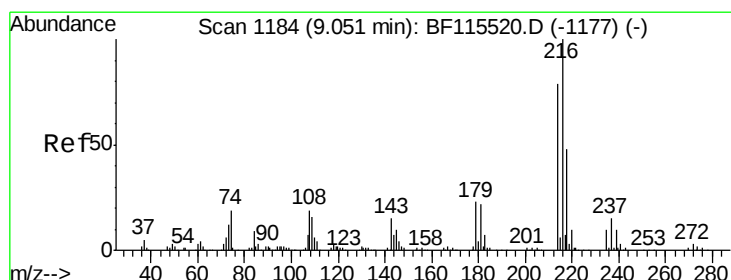
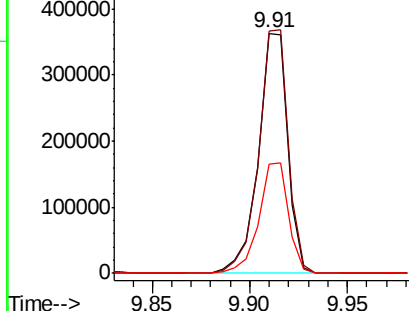
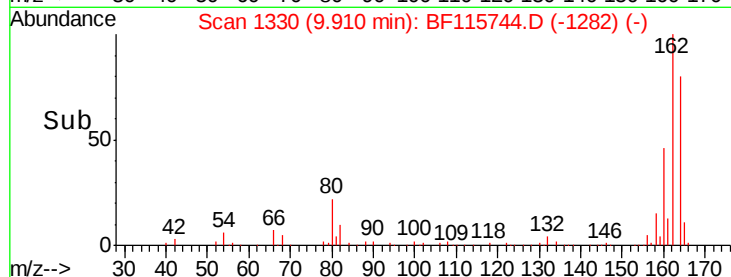
160 45.6 36.8 55.2



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: 39.148 ng

RT: 9.04 min Scan# 1182

Delta R.T. -0.01 min

Lab File: BF115744.D

Acq: 24 Jul 2019 10:44

Tgt Ion:216 Resp: 444430

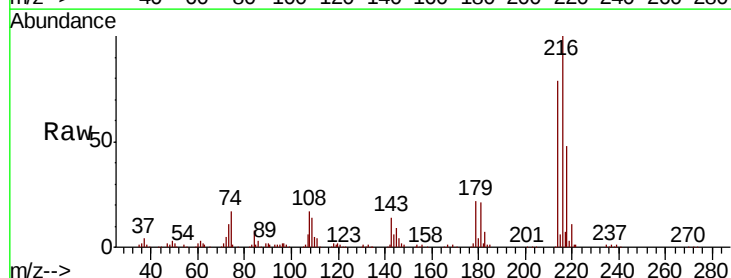
Ion Ratio Lower Upper

216 100

214 79.1 65.1 97.7

179 22.1 18.3 27.5

108 20.4 15.7 23.5

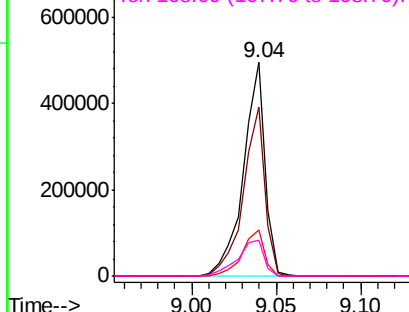
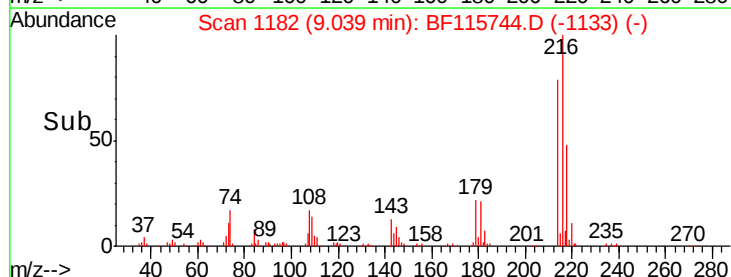


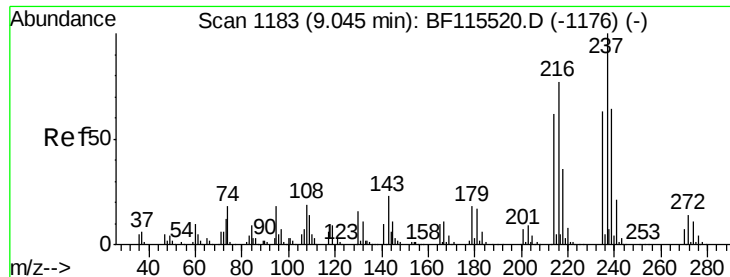
Abundance Ion 216.00 (215.70 to 216.70): E

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: 43.676 ng

RT: 9.03 min Scan# 1180

Delta R.T. -0.02 min

Lab File: BF115744.D

Acq: 24 Jul 2019 10:44

Instrument :

BNA_F

ClientSampleId :

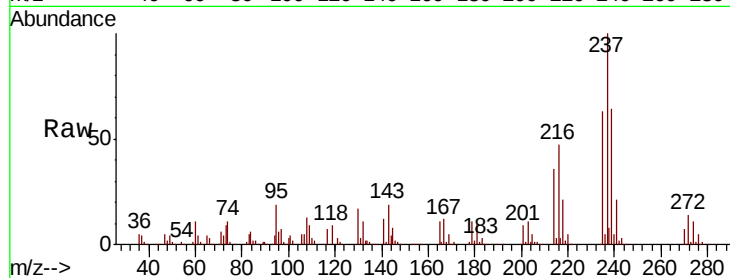
Tot Ion:237 Resp: 282846

Ion Ratio Lower Upper

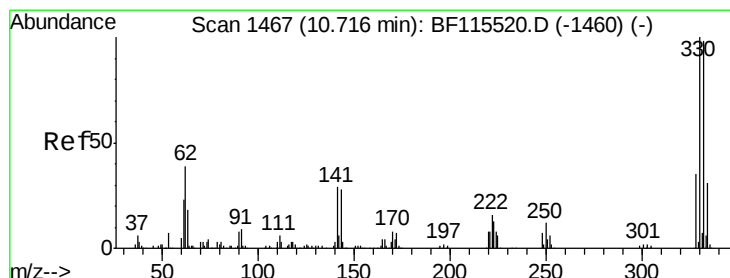
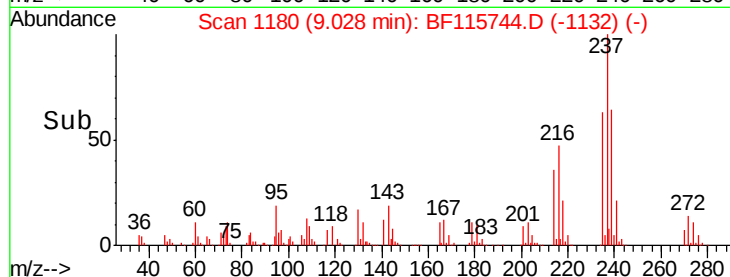
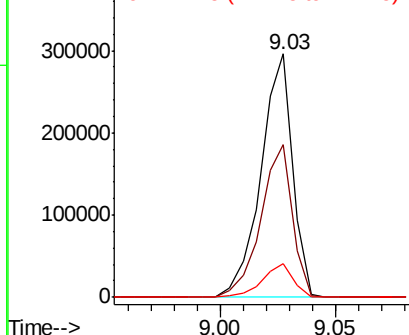
237 100

235 62.9 43.6 83.6

272 13.8 0.0 33.9



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: 103.678 ng

RT: 10.70 min Scan# 1465

Delta R.T. -0.01 min

Lab File: BF115744.D

Acq: 24 Jul 2019 10:44

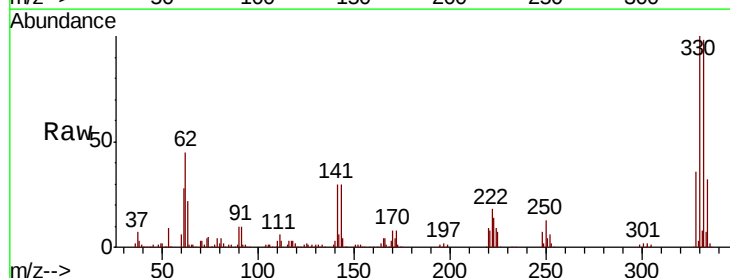
Tgt Ion:330 Resp: 456229

Ion Ratio Lower Upper

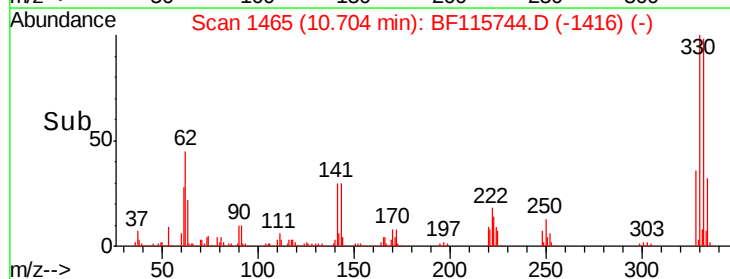
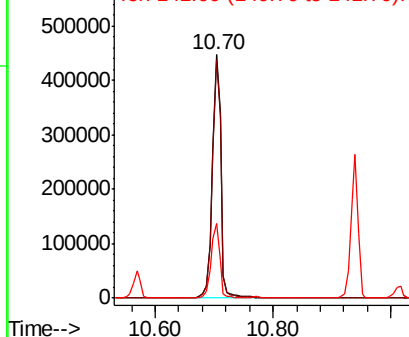
330 100

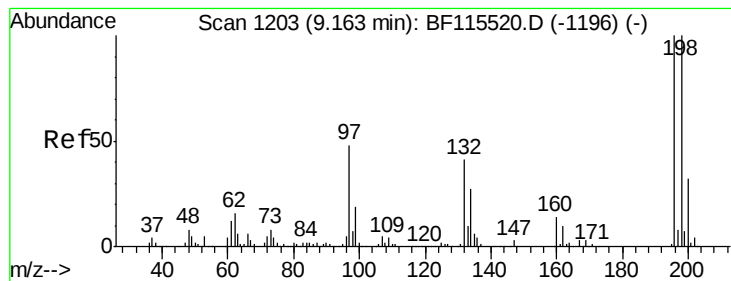
332 97.3 77.4 116.2

141 31.3 22.4 33.6



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: 36.748 ng

RT: 9.15 min Scan# 1201

Delta R.T. -0.01 min

Lab File: BF115744.D

Acq: 24 Jul 2019 10:44

Instrument :

BNA_F

ClientSampled :

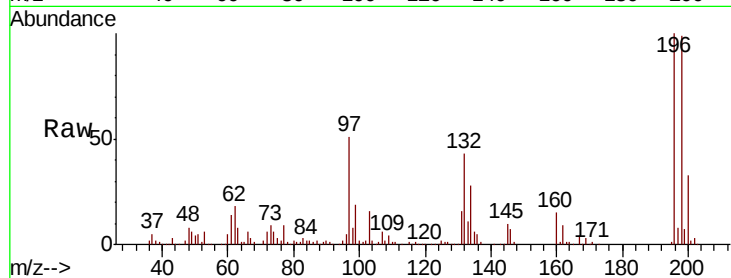
Tot Ion:196 Resp: 305085

Ion Ratio Lower Upper

196 100

198 99.1 80.6 121.0

200 32.6 25.8 38.6

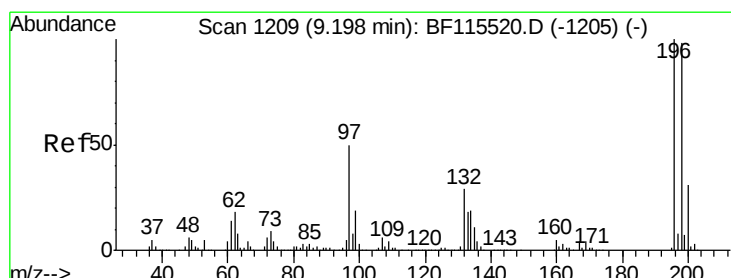
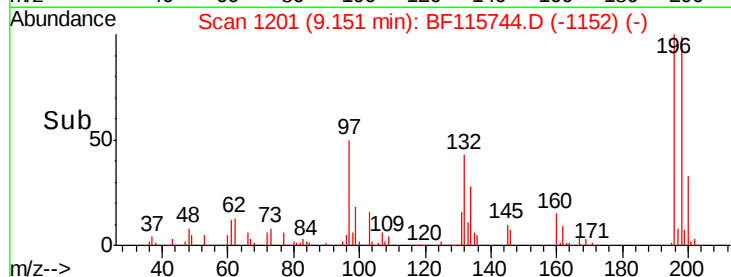
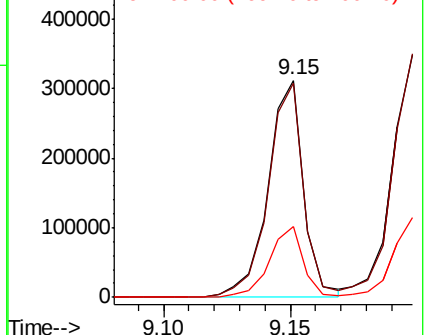


Abundance

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: 38.414 ng

RT: 9.20 min Scan# 1209

Delta R.T. 0.00 min

Lab File: BF115744.D

Acq: 24 Jul 2019 10:44

Tgt Ion:196 Resp: 326606

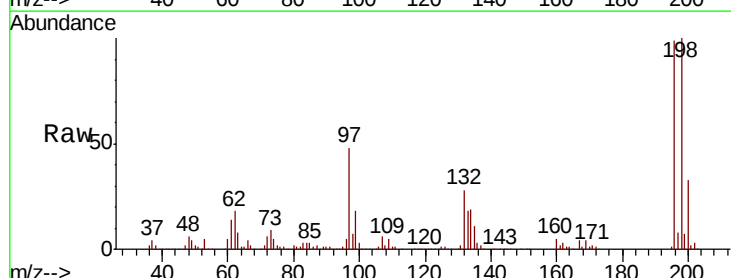
Ion Ratio Lower Upper

196 100

198 100.5 79.6 119.4

97 48.5 37.8 56.6

132 28.4 22.8 34.2



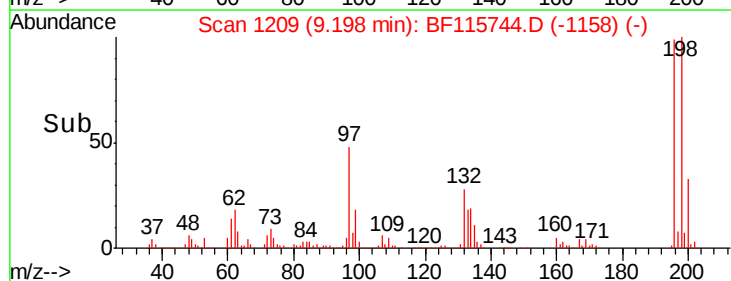
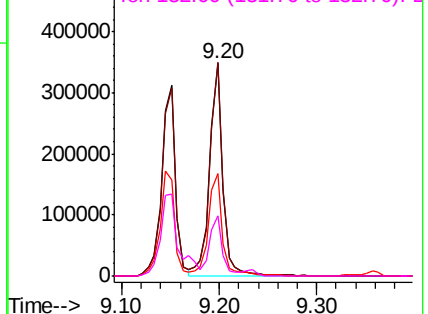
Abundance

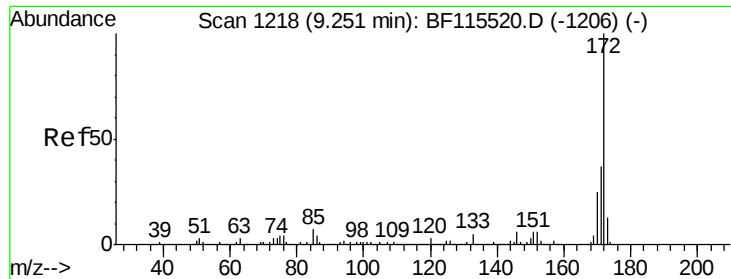
Ion 196.00 (195.70 to 196.70): E

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

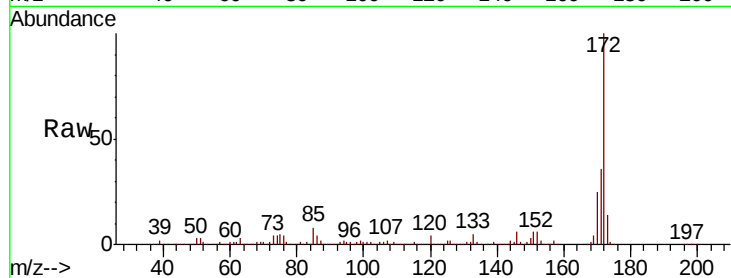




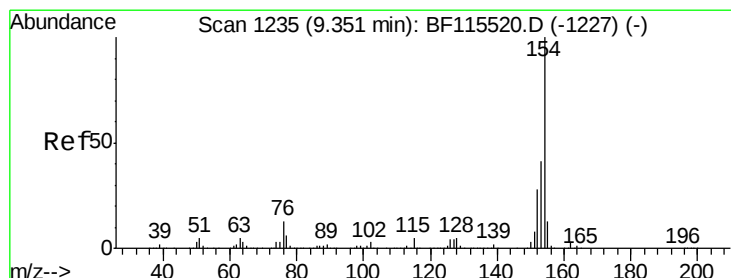
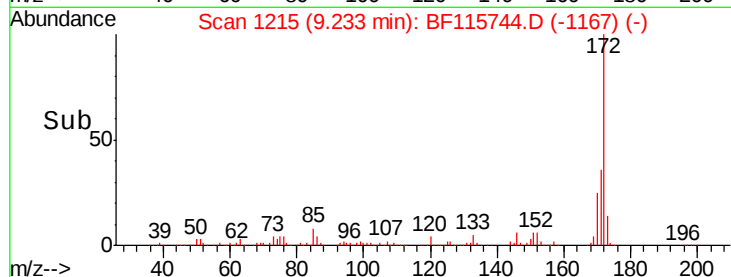
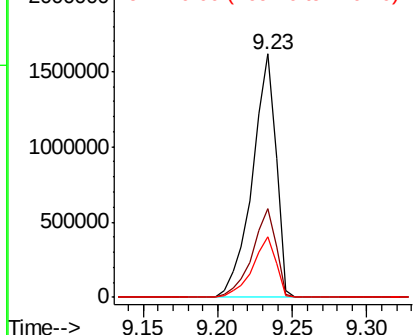
#45
2-Fluorobiphenyl
Concen: 82.299 ng
RT: 9.23 min Scan# 1215
Delta R.T. -0.02 min
Lab File: BF115744.D
Acq: 24 Jul 2019 10:44

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 1772643
Ion Ratio Lower Upper
172 100
171 36.3 30.6 46.0
170 25.0 20.5 30.7

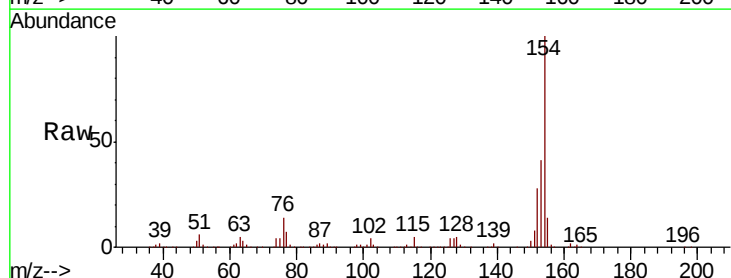


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

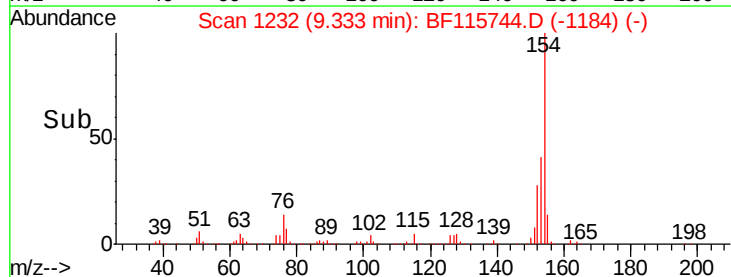
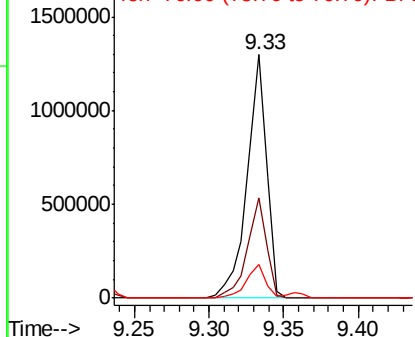


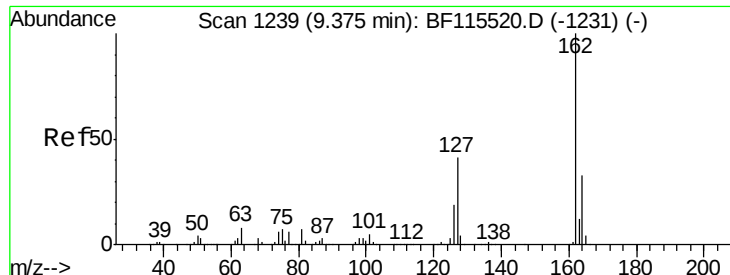
#46
1,1'-Biphenyl
Concen: 39.692 ng
RT: 9.33 min Scan# 1232
Delta R.T. -0.02 min
Lab File: BF115744.D
Acq: 24 Jul 2019 10:44

Tgt Ion:154 Resp: 1169838
Ion Ratio Lower Upper
154 100
153 41.2 22.6 62.6
76 14.1 0.0 33.4



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

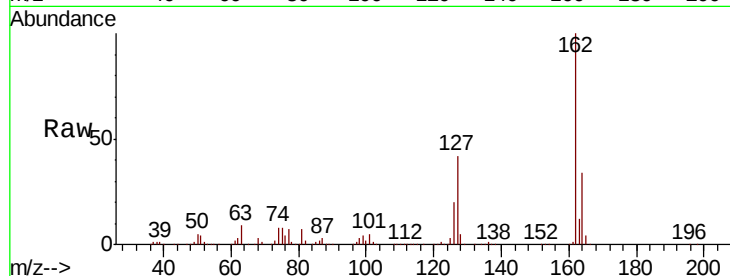




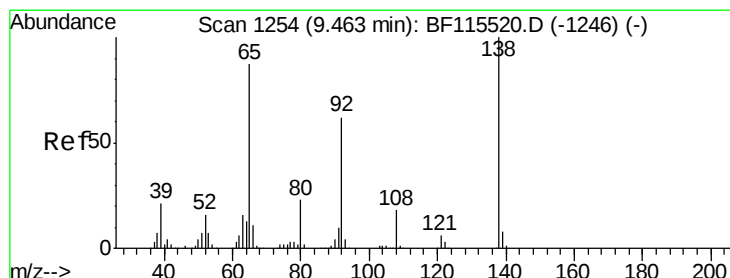
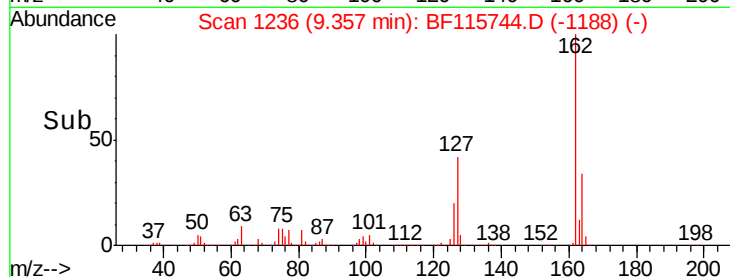
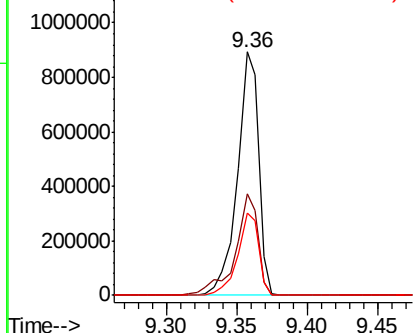
#47
 2-Chloronaphthalene
 Concen: 37.885 ng
 RT: 9.36 min Scan# 1236
 Delta R.T. -0.02 min
 Lab File: BF115744.D
 Acq: 24 Jul 2019 10:44

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
162	100		
127	41.8	34.1	51.1
164	34.0	27.4	41.2

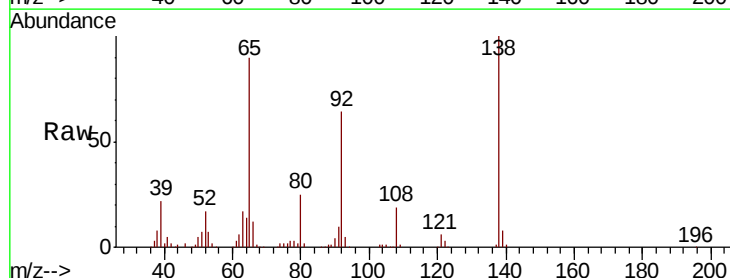


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

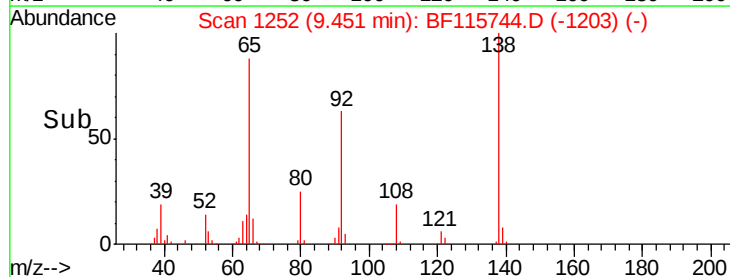
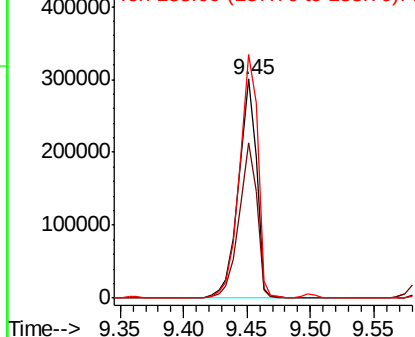


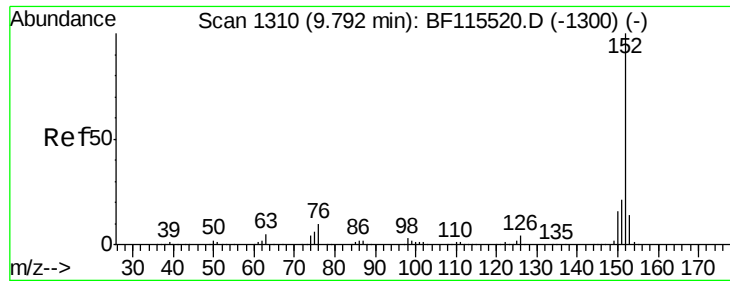
#48
 2-Nitroaniline
 Concen: 38.467 ng
 RT: 9.45 min Scan# 1252
 Delta R.T. -0.01 min
 Lab File: BF115744.D
 Acq: 24 Jul 2019 10:44

Tgt Ion	Ratio	Lower	Upper
65	100		
92	70.7	57.8	86.6
138	111.1	91.2	136.8



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: 38.481 ng

RT: 9.77 min Scan# 1307

Delta R.T. -0.02 min

Lab File: BF115744.D

Acq: 24 Jul 2019 10:44

Instrument :

BNA_F

ClientSampleId :

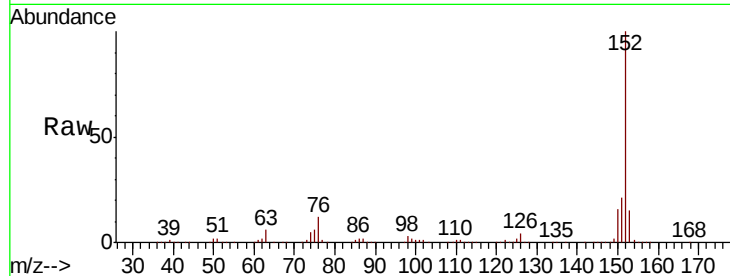
Tot Ion:152 Resp: 1399295

Ion Ratio Lower Upper

152 100

151 21.1 17.7 26.5

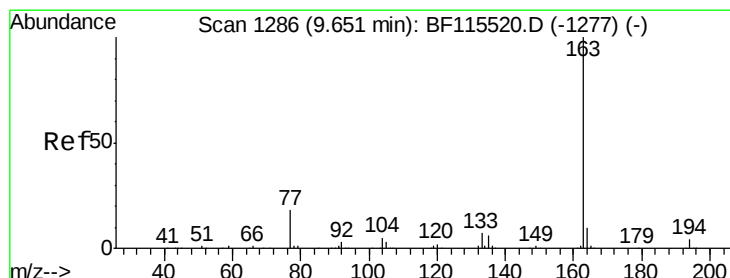
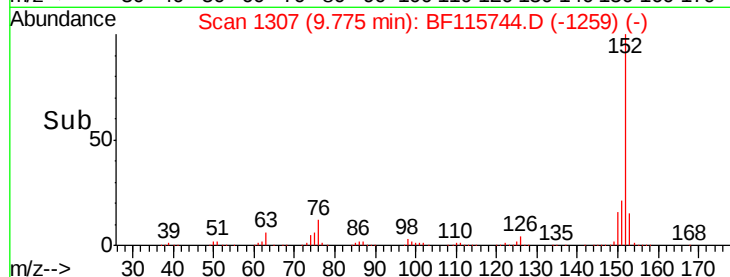
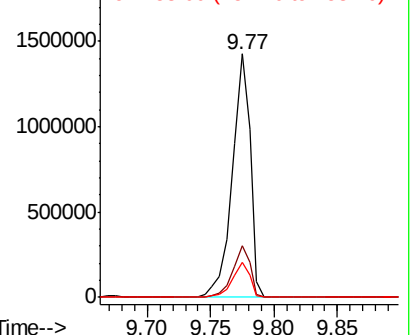
153 14.5 12.0 18.0



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: 39.122 ng

RT: 9.63 min Scan# 1283

Delta R.T. -0.02 min

Lab File: BF115744.D

Acq: 24 Jul 2019 10:44

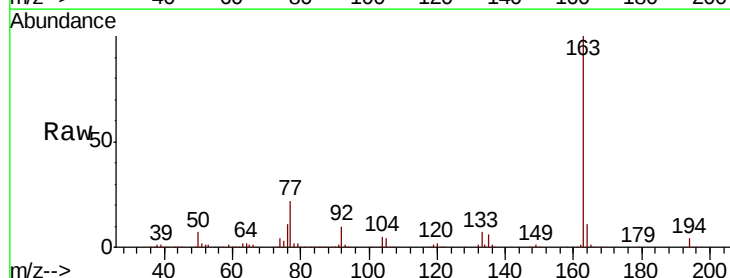
Tgt Ion:163 Resp: 1109664

Ion Ratio Lower Upper

163 100

194 3.9 3.3 4.9

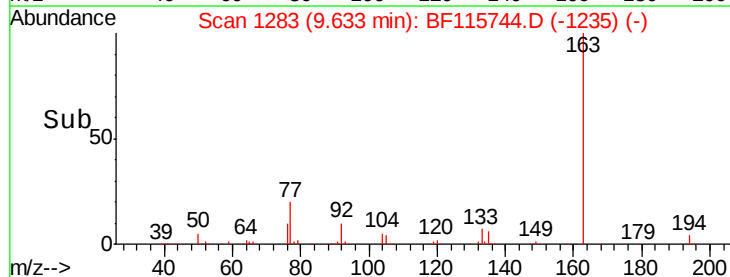
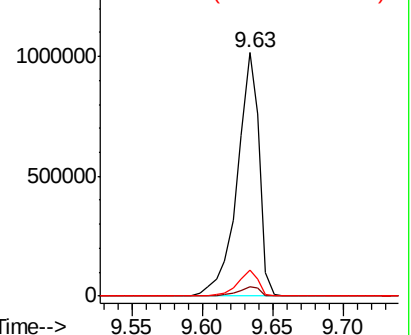
164 10.6 8.7 13.1

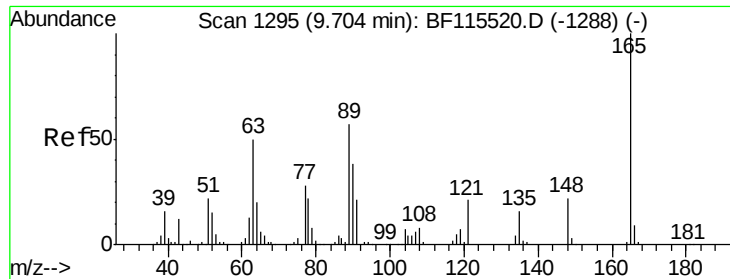


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

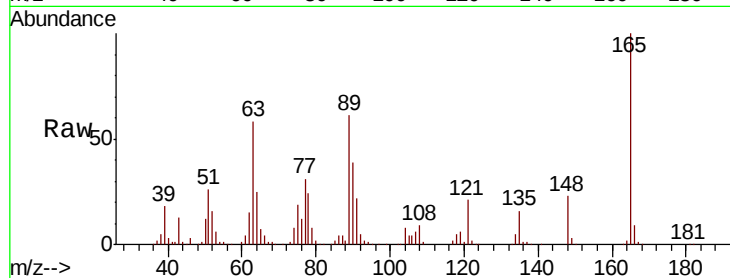




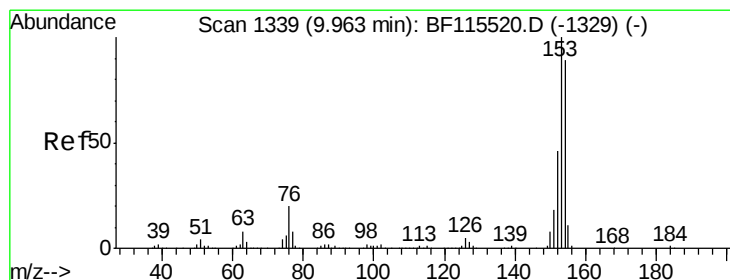
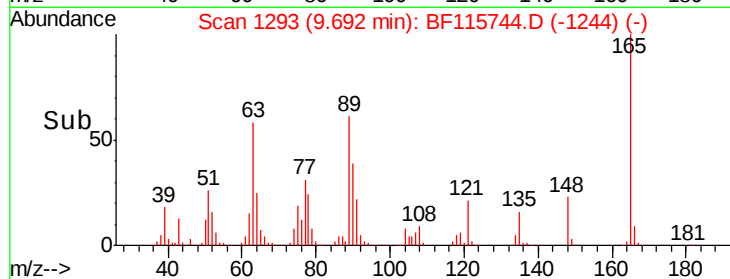
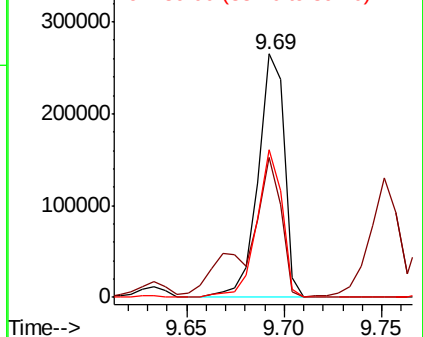
#51
2,6-Dinitrotoluene
Concen: 38.488 ng
RT: 9.69 min Scan# 1293
Delta R.T. -0.01 min
Lab File: BF115744.D
Acq: 24 Jul 2019 10:44

Instrument :
BNA_F
ClientSampled :

Tot Ion:165 Resp: 248088
Ion Ratio Lower Upper
165 100
63 57.5 40.6 61.0
89 60.7 43.9 65.9

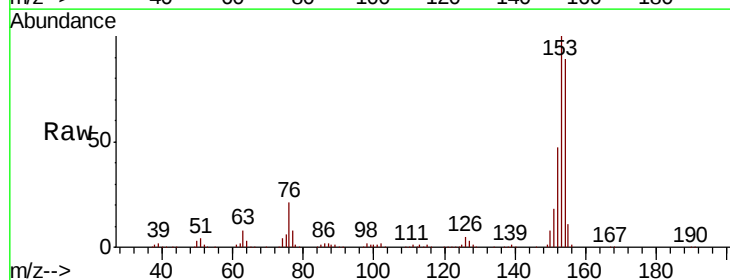


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1

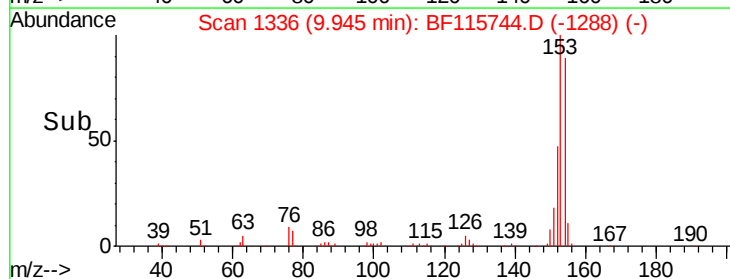
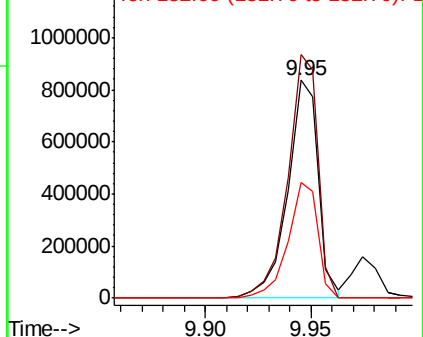


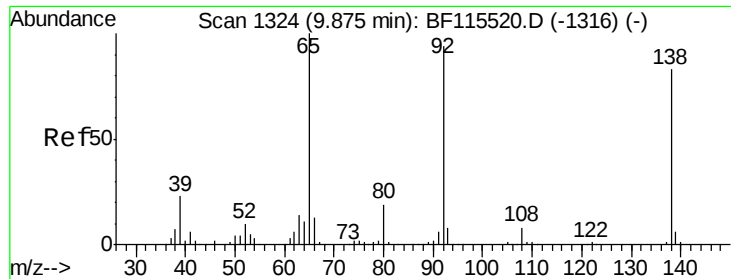
#52
Acenaphthene
Concen: 35.982 ng
RT: 9.95 min Scan# 1336
Delta R.T. -0.02 min
Lab File: BF115744.D
Acq: 24 Jul 2019 10:44

Tgt Ion:154 Resp: 844739
Ion Ratio Lower Upper
154 100
153 111.9 88.6 133.0
152 53.0 42.3 63.5



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

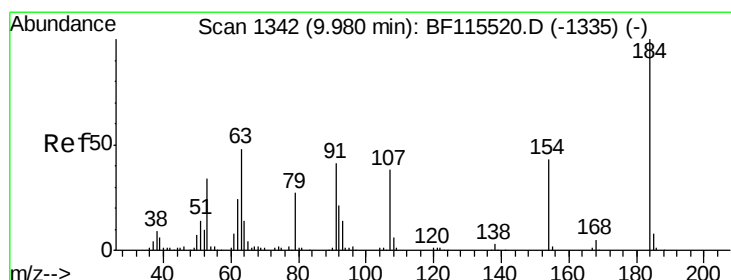
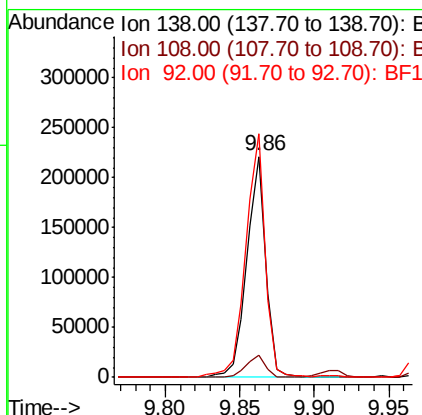
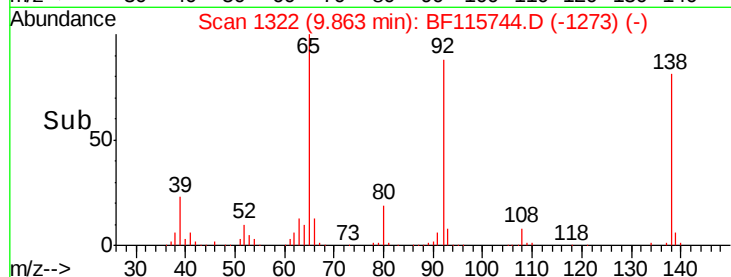
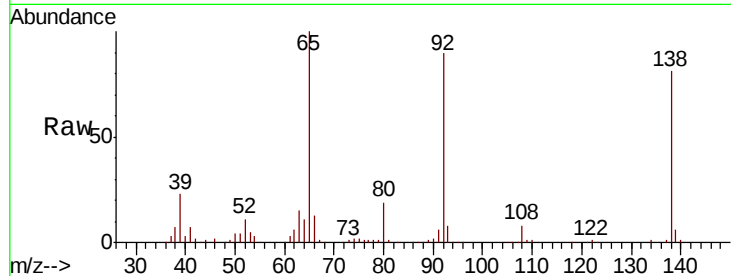




#53
3-Nitroaniline
Concen: 26.482 ng
RT: 9.86 min Scan# 1322
Delta R.T. -0.01 min
Lab File: BF115744.D
Acq: 24 Jul 2019 10:44

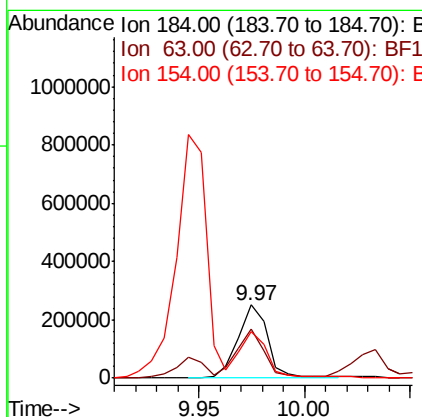
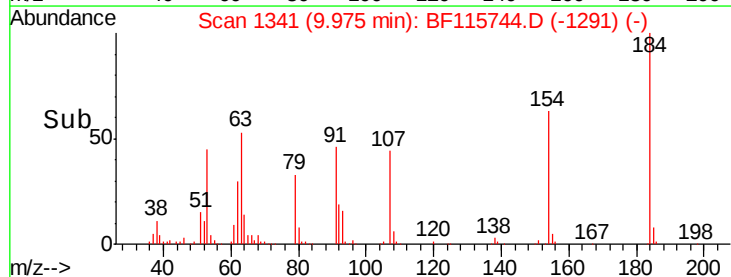
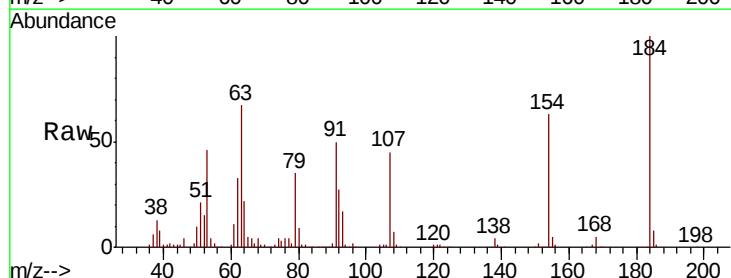
Instrument :
BNA_F
ClientSampleId :

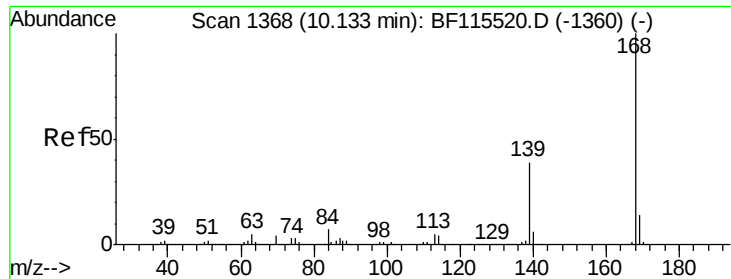
Tot Ion:138 Resp: 195070
Ion Ratio Lower Upper
138 100
108 10.1 8.4 12.6
92 110.4 88.0 132.0



#54
2,4-Dinitrophenol
Concen: 74.565 ng
RT: 9.97 min Scan# 1341
Delta R.T. -0.01 min
Lab File: BF115744.D
Acq: 24 Jul 2019 10:44

Tgt Ion:184 Resp: 246767
Ion Ratio Lower Upper
184 100
63 66.8 48.7 73.1
154 63.3 48.6 73.0

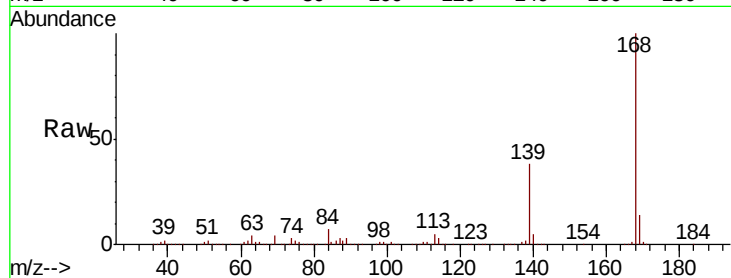




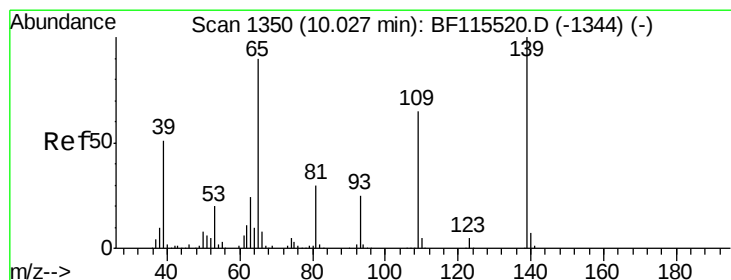
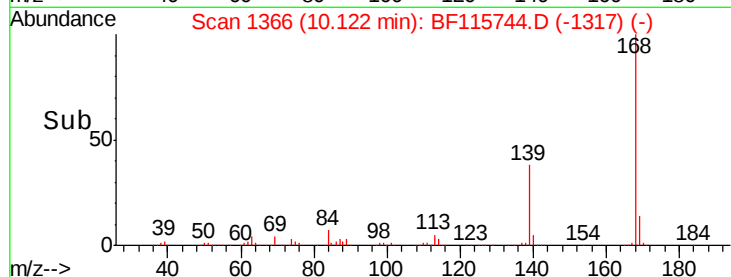
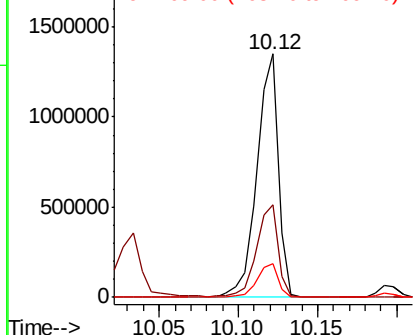
#55
Dibenzenofuran
Concen: 38.097 ng
RT: 10.12 min Scan# 1366
Delta R.T. -0.01 min
Lab File: BF115744.D
Acq: 24 Jul 2019 10:44

Instrument :
BNA_F
ClientSampleId :

Tot Ion:168 Resp: 1270166
Ion Ratio Lower Upper
168 100
139 38.0 31.1 46.7
169 13.6 11.1 16.7

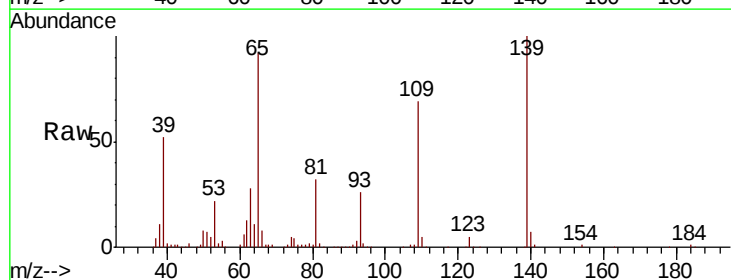


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

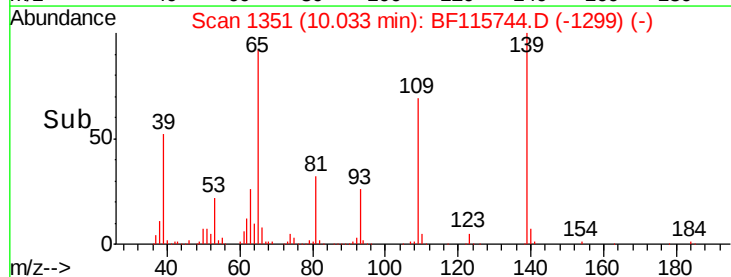
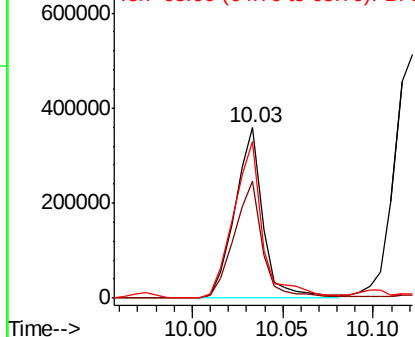


#56
4-Nitrophenol
Concen: 68.814 ng
RT: 10.03 min Scan# 1351
Delta R.T. 0.01 min
Lab File: BF115744.D
Acq: 24 Jul 2019 10:44

Tgt Ion:139 Resp: 386529
Ion Ratio Lower Upper
139 100
109 69.1 46.4 86.4
65 91.8 68.9 108.9



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

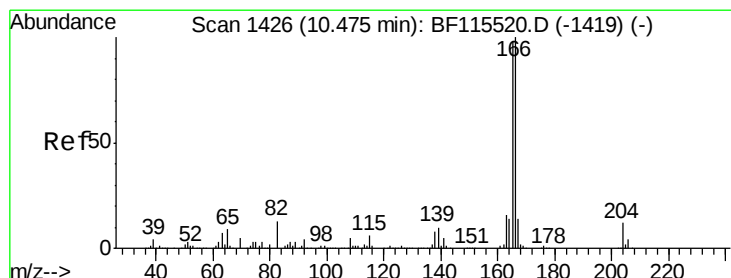
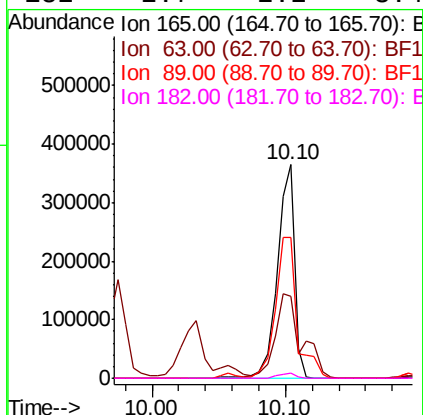
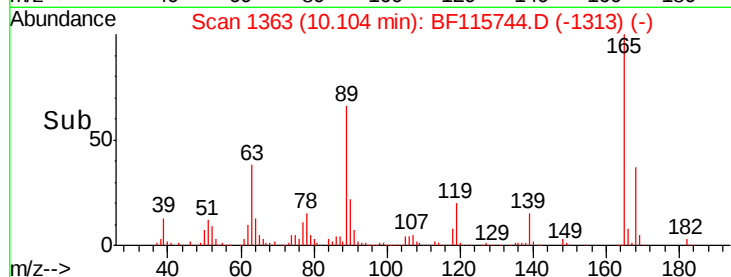
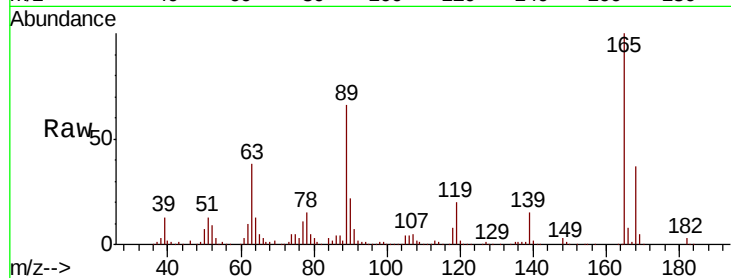




#57
2,4-Dinitrotoluene
Concen: 39.649 ng
RT: 10.10 min Scan# 1363
Delta R.T. -0.01 min
Lab File: BF115744.D
Acq: 24 Jul 2019 10:44

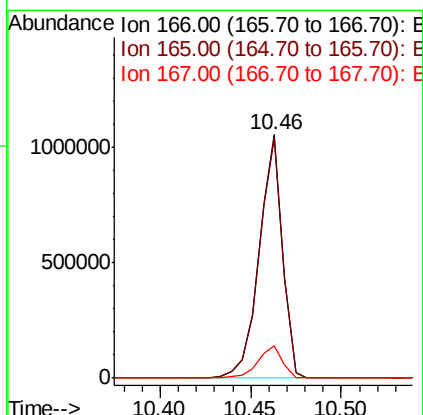
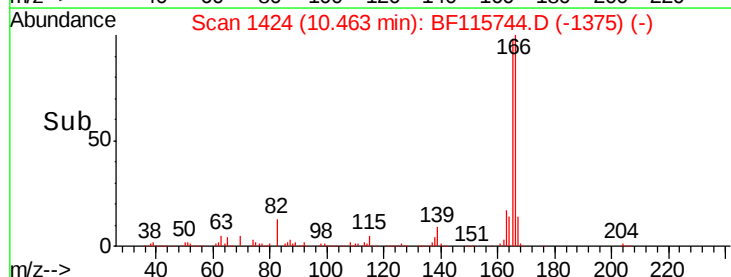
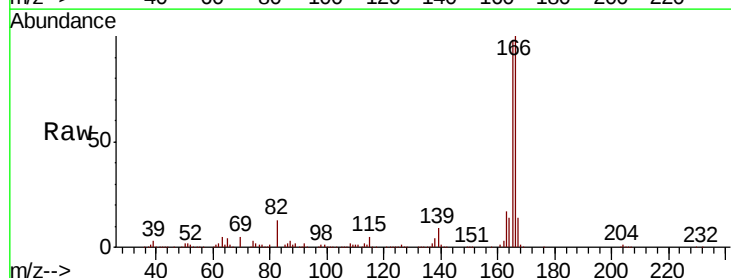
Instrument :
BNA_F
ClientSampleId :

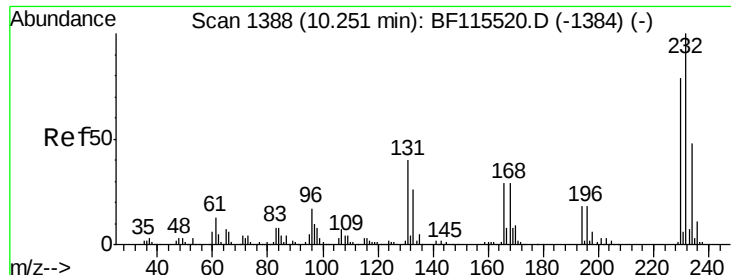
Tot Ion	Ratio	Lower	Upper
165	100		
63	38.1	34.9	52.3
89	65.9	57.5	86.3
182	2.7	2.2	3.4



#58
Fluorene
Concen: 39.549 ng
RT: 10.46 min Scan# 1424
Delta R.T. -0.01 min
Lab File: BF115744.D
Acq: 24 Jul 2019 10:44

Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.3	79.8	119.6
167	13.6	11.2	16.8

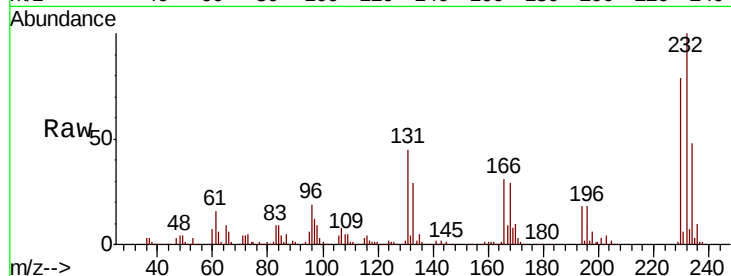




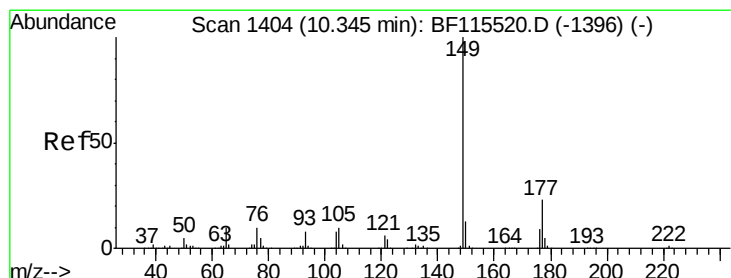
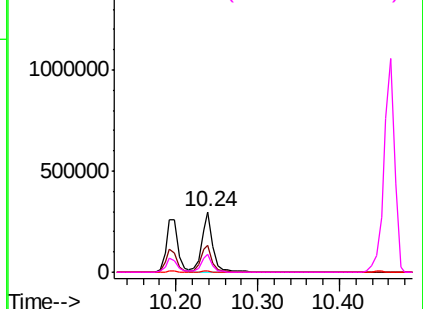
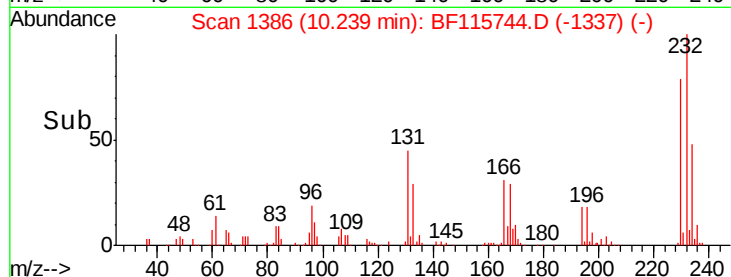
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 39.828 ng
 RT: 10.24 min Scan# 1386
 Delta R.T. -0.01 min
 Lab File: BF115744.D
 Acq: 24 Jul 2019 10:44

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:232 Resp: 283073
 Ion Ratio Lower Upper
 232 100
 131 45.5 35.9 53.9
 130 2.3 1.8 2.6
 166 29.8 24.8 37.2

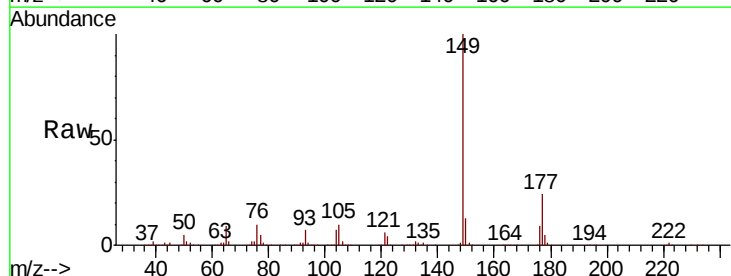


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

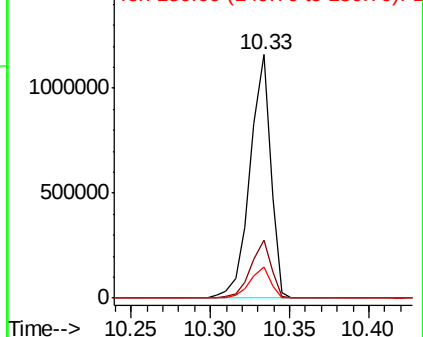
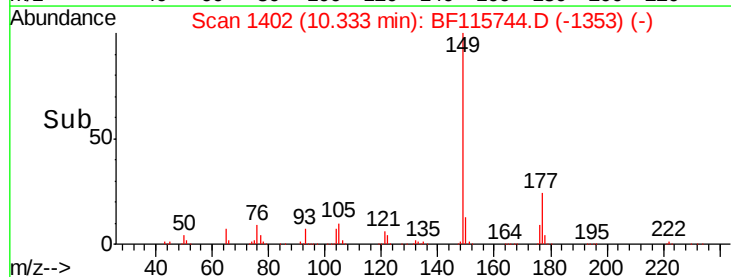


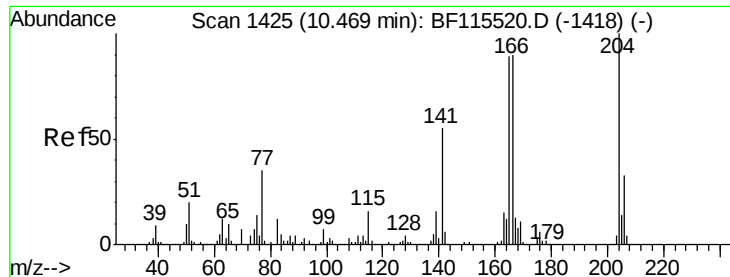
#60
 Diethylphthalate
 Concen: 39.549 ng
 RT: 10.33 min Scan# 1402
 Delta R.T. -0.01 min
 Lab File: BF115744.D
 Acq: 24 Jul 2019 10:44

Tgt Ion:149 Resp: 1051051
 Ion Ratio Lower Upper
 149 100
 177 23.7 19.5 29.3
 150 12.9 10.4 15.6



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

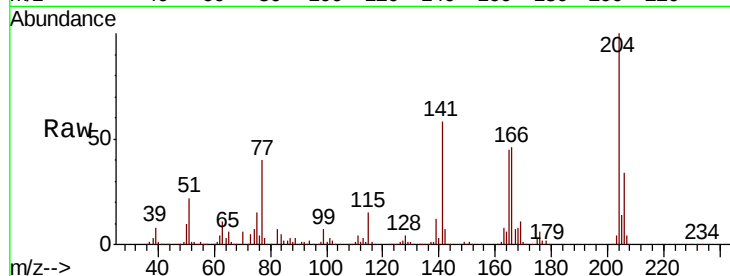




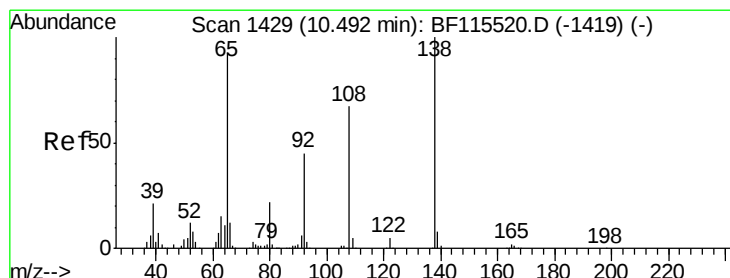
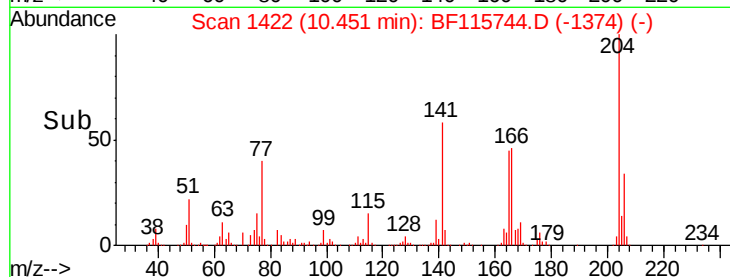
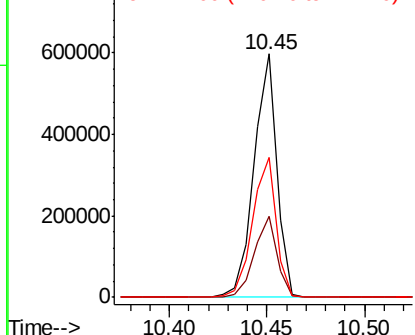
#61
 4-Chlorophenyl-phenylether
 Concen: 36.800 ng
 RT: 10.45 min Scan# 1422
 Delta R.T. -0.02 min
 Lab File: BF115744.D
 Acq: 24 Jul 2019 10:44

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:204 Resp: 486400
 Ion Ratio Lower Upper
 204 100
 206 33.5 26.7 40.1
 141 57.6 44.2 66.2

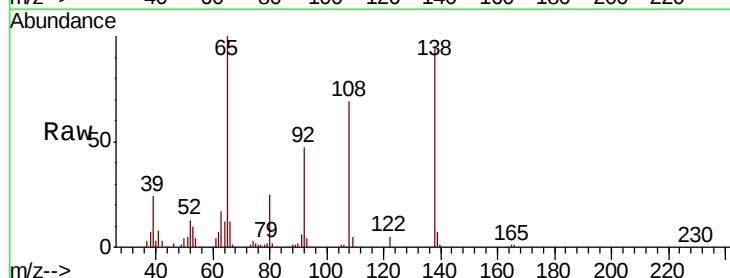


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

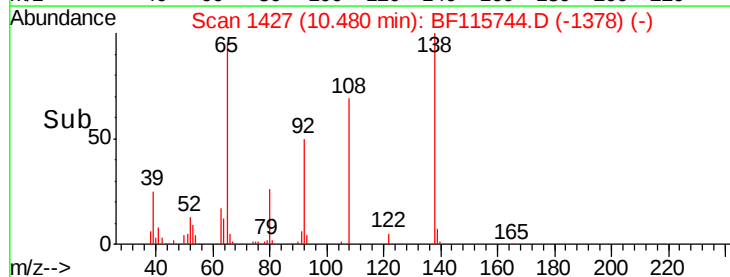
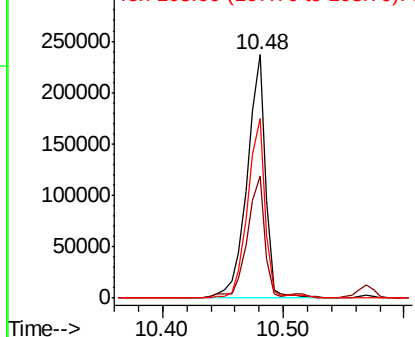


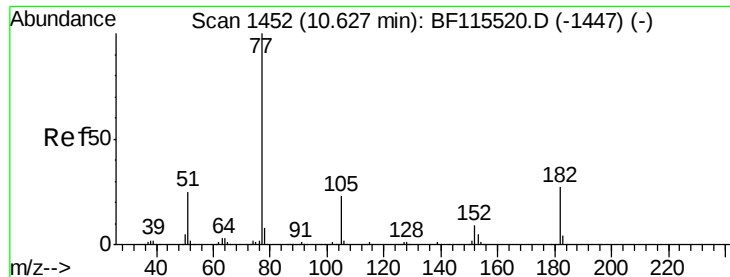
#62
 4-Nitroaniline
 Concen: 35.789 ng
 RT: 10.48 min Scan# 1427
 Delta R.T. -0.01 min
 Lab File: BF115744.D
 Acq: 24 Jul 2019 10:44

Tgt Ion:138 Resp: 252871
 Ion Ratio Lower Upper
 138 100
 92 50.1 27.1 67.1
 108 73.9 48.0 88.0



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

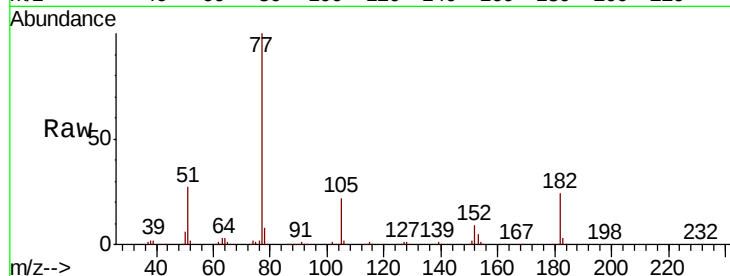




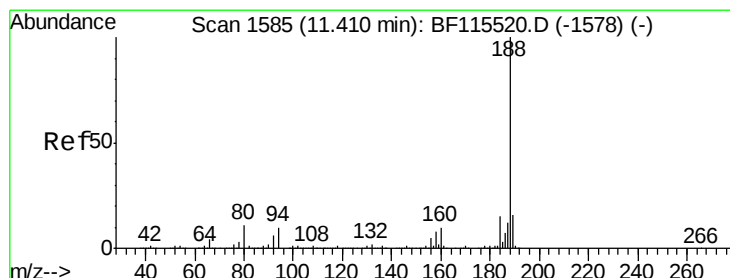
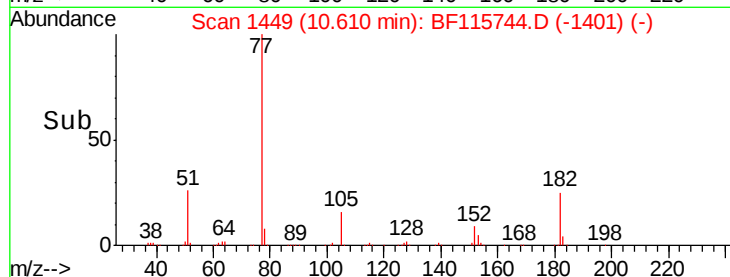
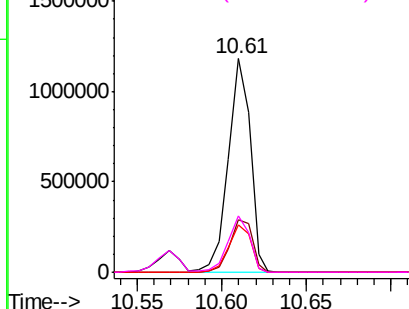
#63
Azobenzene
Concen: 41.445 ng
RT: 10.61 min Scan# 1449
Delta R.T. -0.02 min
Lab File: BF115744.D
Acq: 24 Jul 2019 10:44

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 77 Resp: 1068344
Ion Ratio Lower Upper
77 100
182 24.3 6.9 46.9
105 22.3 3.9 43.9
51 26.6 7.3 47.3

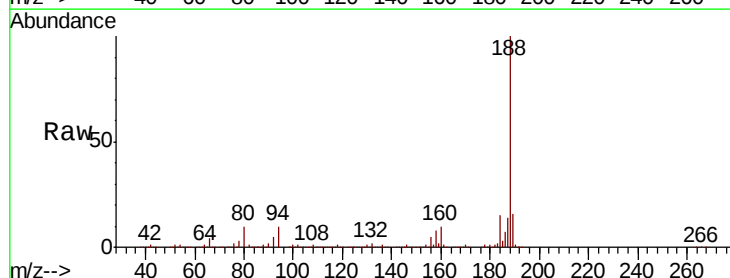


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

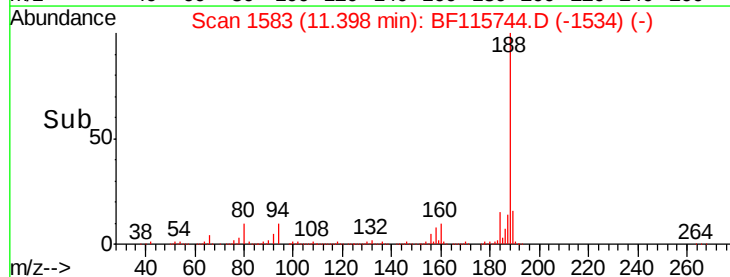
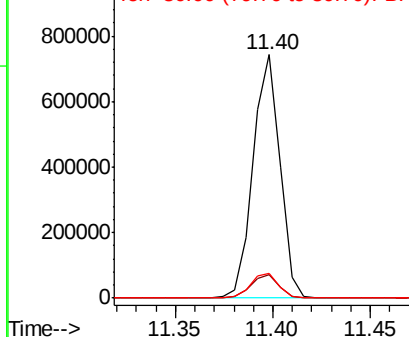


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1583
Delta R.T. -0.01 min
Lab File: BF115744.D
Acq: 24 Jul 2019 10:44

Tgt Ion: 188 Resp: 709096
Ion Ratio Lower Upper
188 100
94 9.8 7.8 11.6
80 10.3 8.6 13.0



Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

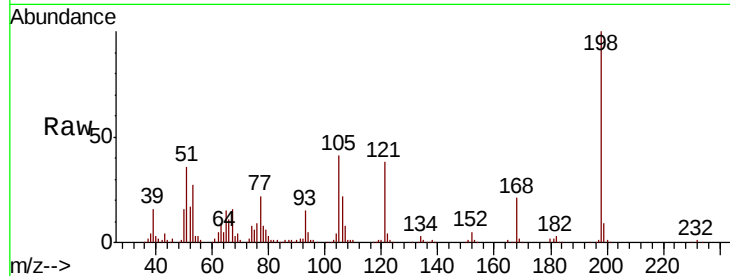




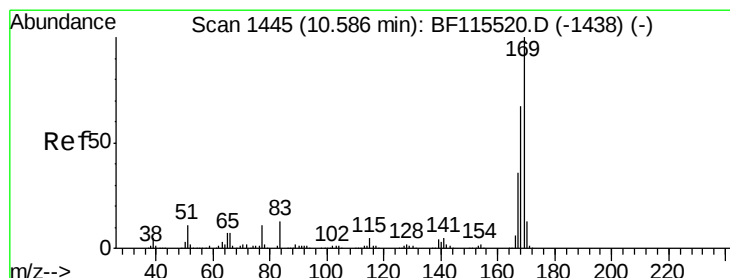
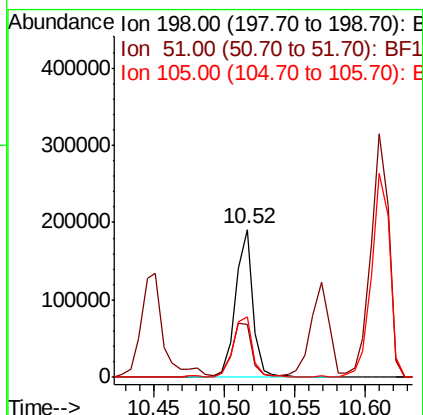
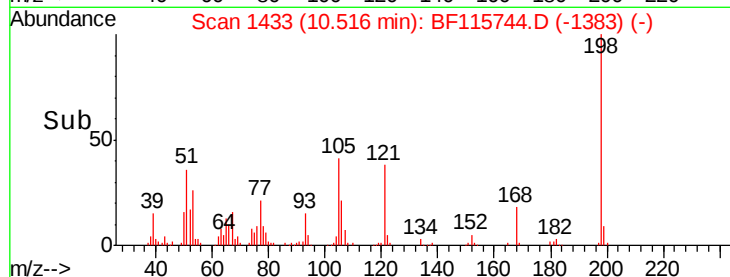
#65
 4,6-Dinitro-2-methylphenol
 Concen: 37.862 ng
 RT: 10.52 min Scan# 1433
 Delta R.T. -0.01 min
 Lab File: BF115744.D
 Acq: 24 Jul 2019 10:44

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:198 Resp: 164032
 Ion Ratio Lower Upper
 198 100
 51 35.8 19.1 59.1
 105 41.2 23.6 63.6

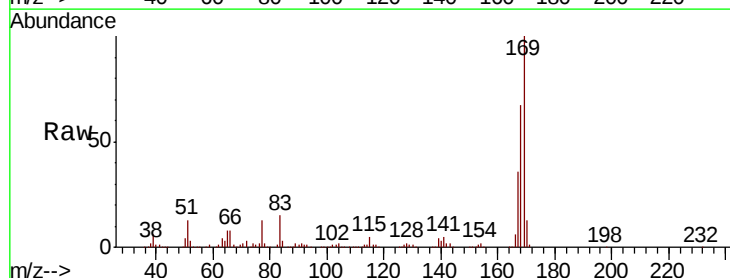


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

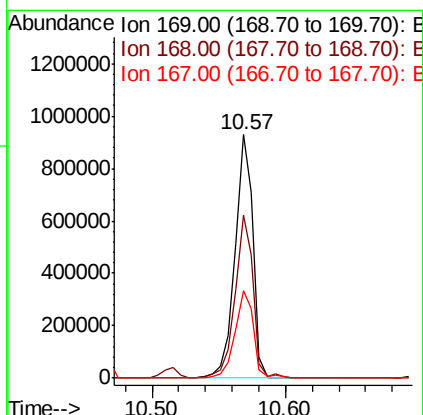
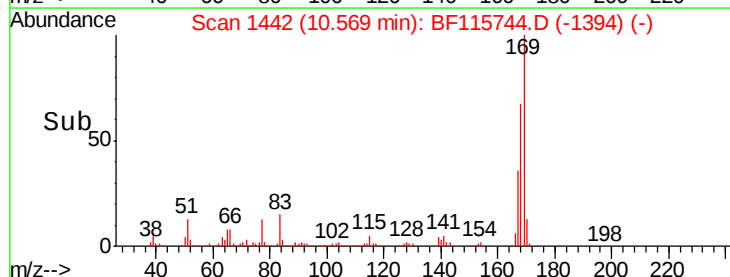


#66
 n-Nitrosodiphenylamine
 Concen: 39.646 ng
 RT: 10.57 min Scan# 1442
 Delta R.T. -0.02 min
 Lab File: BF115744.D
 Acq: 24 Jul 2019 10:44

Tgt Ion:169 Resp: 874488
 Ion Ratio Lower Upper
 169 100
 168 66.8 54.3 81.5
 167 36.1 30.2 45.2



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

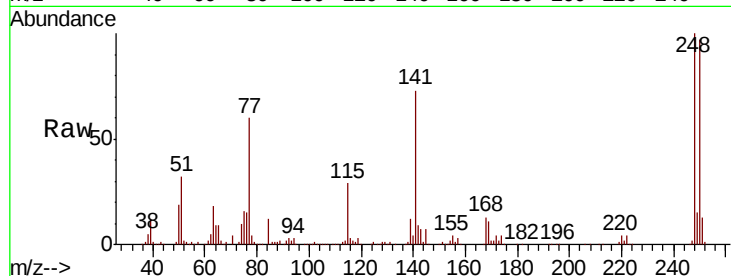




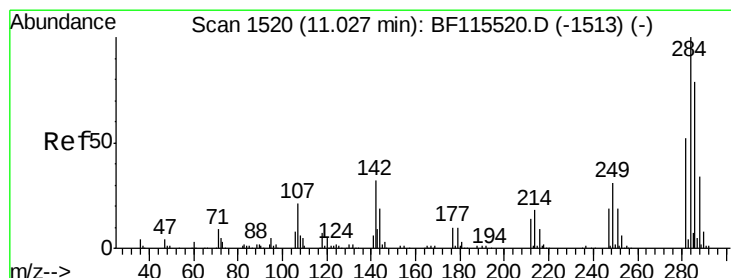
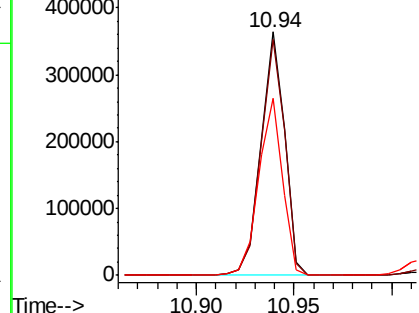
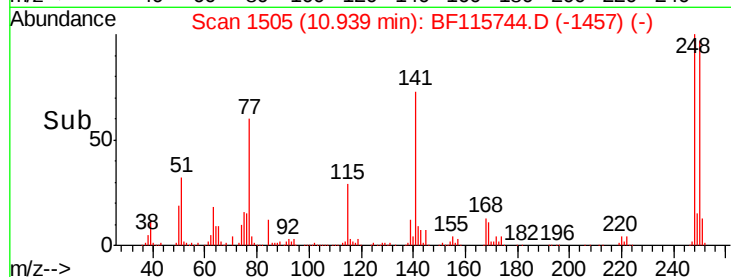
#67
4-Bromophenyl-phenylether
Concen: 37.726 ng
RT: 10.94 min Scan# 1505
Delta R.T. -0.02 min
Lab File: BF115744.D
Acq: 24 Jul 2019 10:44

Instrument :
BNA_F
ClientSampled :

Tot Ion:248 Resp: 305702
Ion Ratio Lower Upper
248 100
250 96.9 78.0 117.0
141 72.6 57.7 86.5

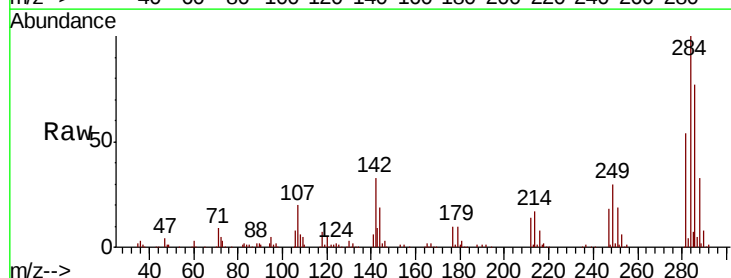


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

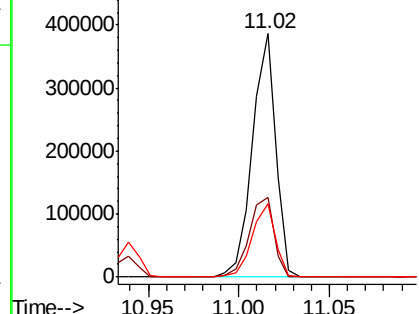
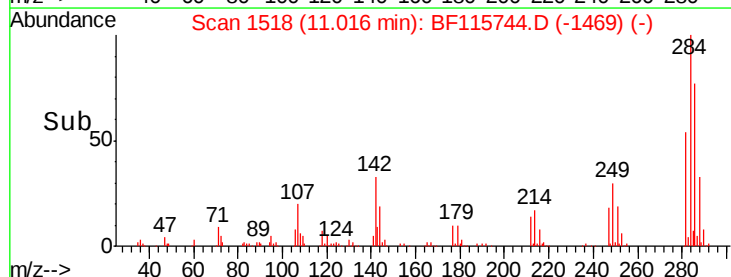


#68
Hexachlorobenzene
Concen: 37.278 ng
RT: 11.02 min Scan# 1518
Delta R.T. -0.01 min
Lab File: BF115744.D
Acq: 24 Jul 2019 10:44

Tgt Ion:284 Resp: 344968
Ion Ratio Lower Upper
284 100
142 32.7 22.2 33.2
249 30.1 23.4 35.2



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

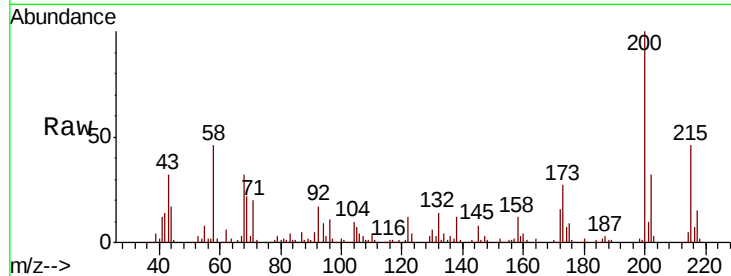




#69
 Atrazine
 Concen: 31.808 ng
 RT: 11.09 min Scan# 1531
 Delta R.T. -0.02 min
 Lab File: BF115744.D
 Acq: 24 Jul 2019 10:44

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
200	100		
173	26.8	6.9	46.9
215	46.3	27.9	67.9

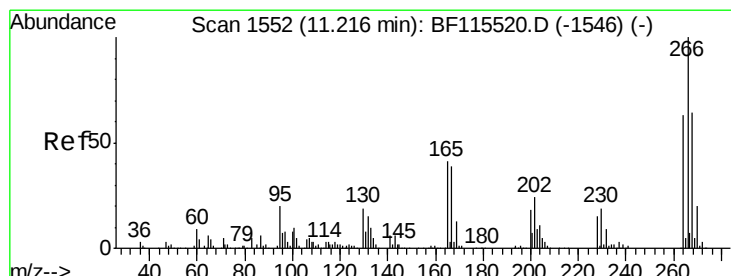
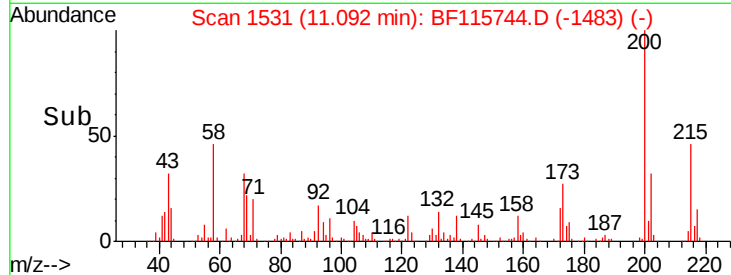
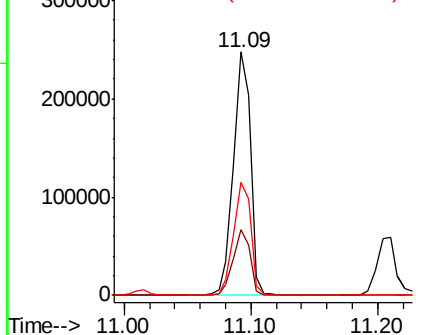


Abundance

Ion 200.00 (199.70 to 200.70): E

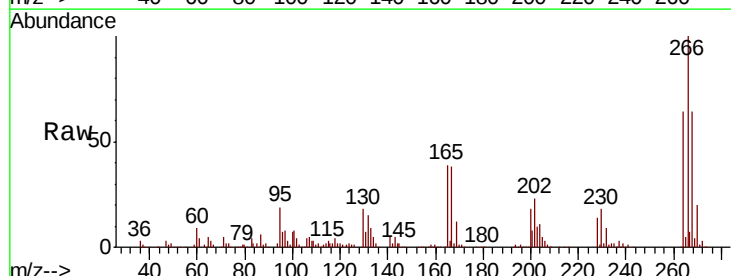
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
 Pentachlorophenol
 Concen: 66.343 ng
 RT: 11.21 min Scan# 1551
 Delta R.T. -0.01 min
 Lab File: BF115744.D
 Acq: 24 Jul 2019 10:44

Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.6	51.6	77.4
264	64.0	50.6	76.0

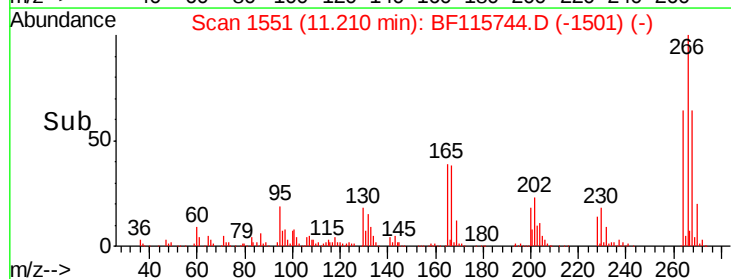
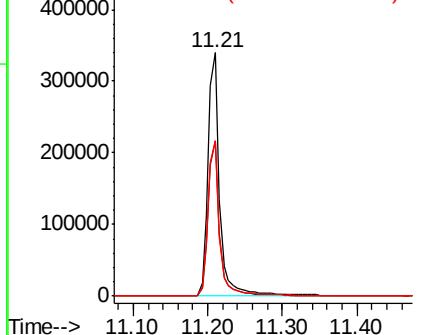


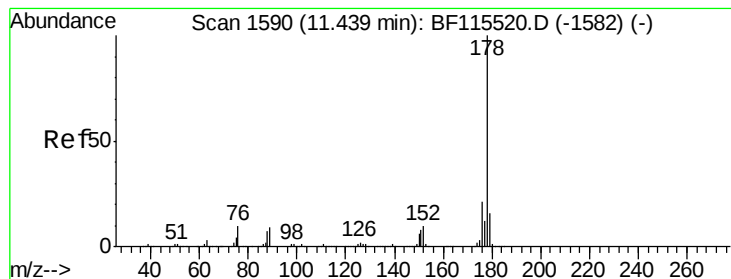
Abundance

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: 38.905 ng

RT: 11.42 min Scan# 1587

Delta R.T. -0.02 min

Lab File: BF115744.D

Acq: 24 Jul 2019 10:44

Instrument :

BNA_F

ClientSampleId :

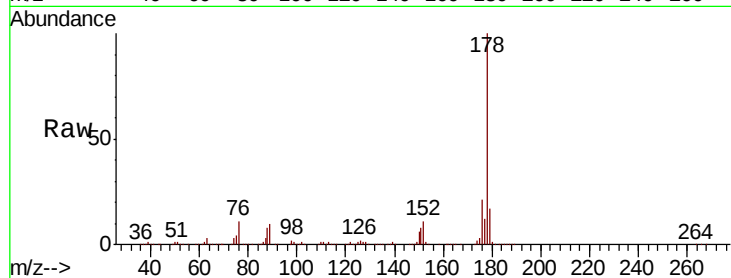
Tot Ion:178 Resp: 1414103

Ion Ratio Lower Upper

178 100

176 20.9 17.2 25.8

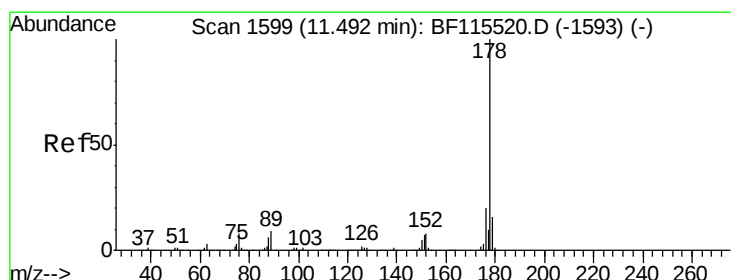
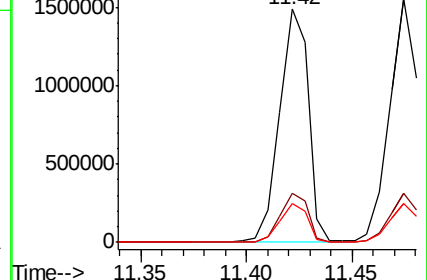
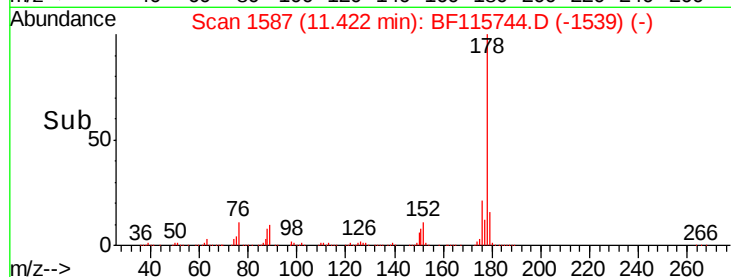
179 16.5 13.5 20.3



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 38.383 ng

RT: 11.47 min Scan# 1596

Delta R.T. -0.02 min

Lab File: BF115744.D

Acq: 24 Jul 2019 10:44

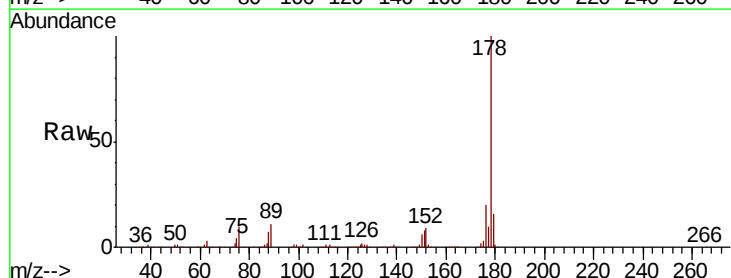
Tgt Ion:178 Resp: 1441814

Ion Ratio Lower Upper

178 100

176 20.0 15.9 23.9

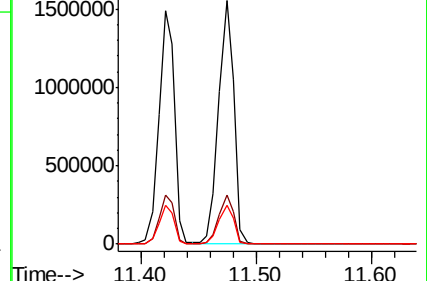
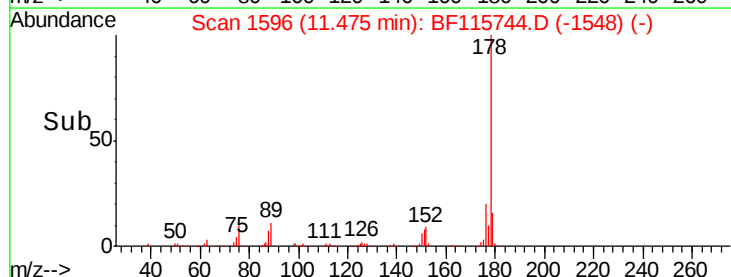
179 16.2 12.7 19.1

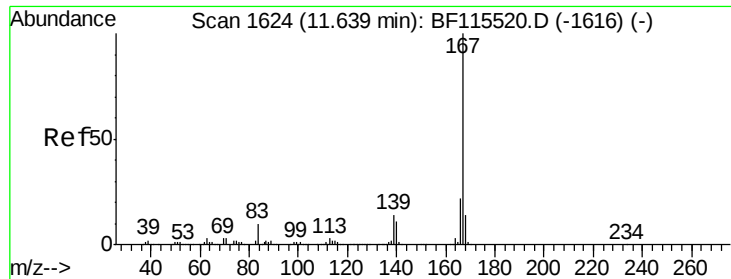


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#73

Carbazole

Concen: 39.025 ng

RT: 11.63 min Scan# 1622

Delta R.T. -0.01 min

Lab File: BF115744.D

Acq: 24 Jul 2019 10:44

Instrument :

BNA_F

ClientSampleId :

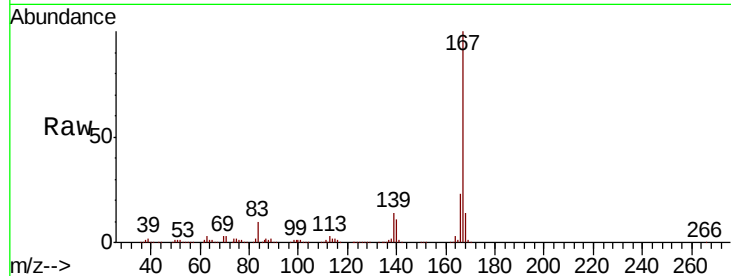
Tot Ion:167 Resp: 1285499

Ion Ratio Lower Upper

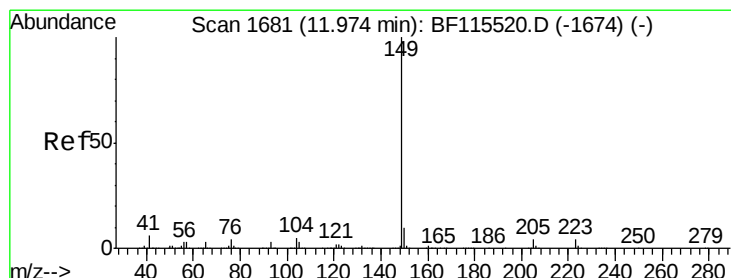
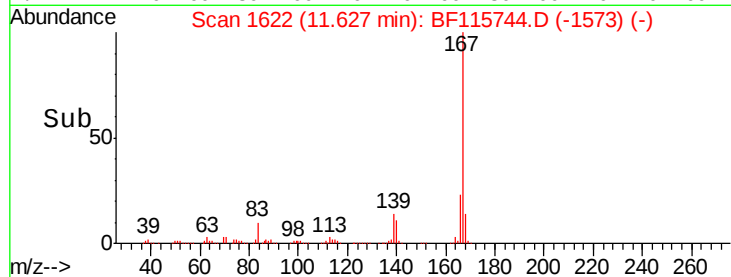
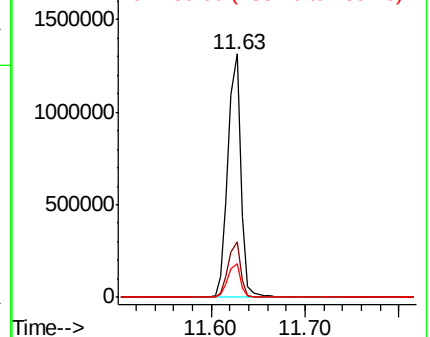
167 100

166 22.7 18.1 27.1

139 13.8 11.3 16.9



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: 40.108 ng

RT: 11.95 min Scan# 1677

Delta R.T. -0.02 min

Lab File: BF115744.D

Acq: 24 Jul 2019 10:44

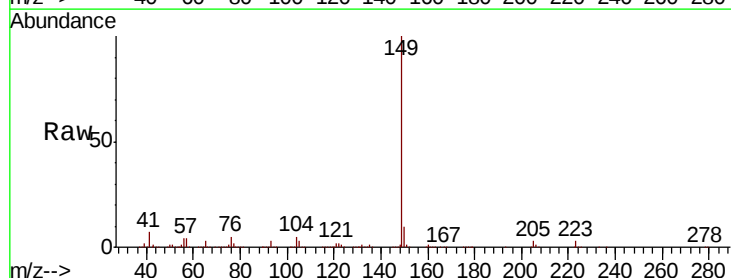
Tgt Ion:149 Resp: 1627391

Ion Ratio Lower Upper

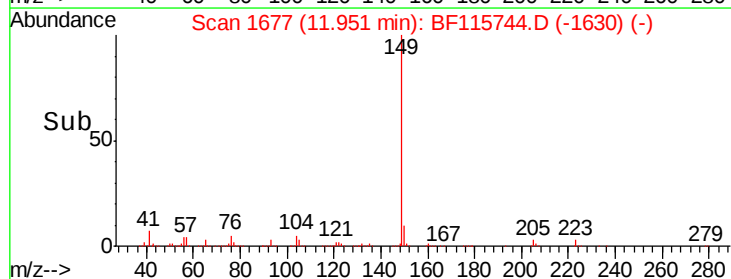
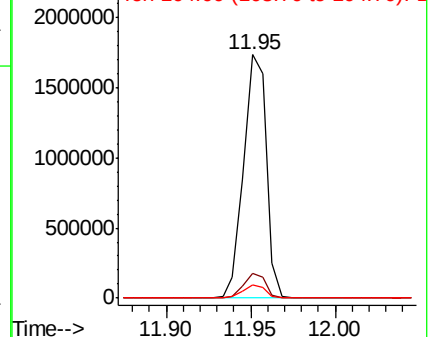
149 100

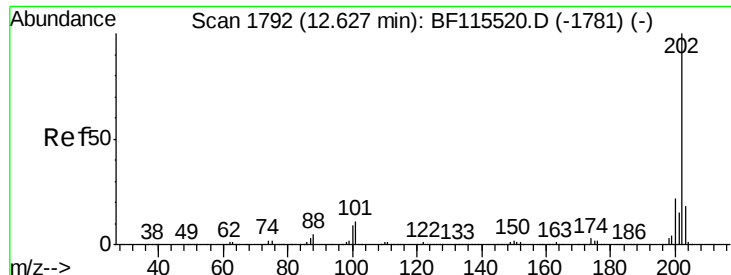
150 10.0 7.7 11.5

104 5.4 3.8 5.8



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

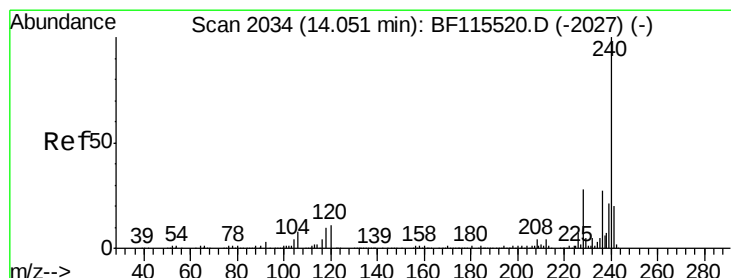
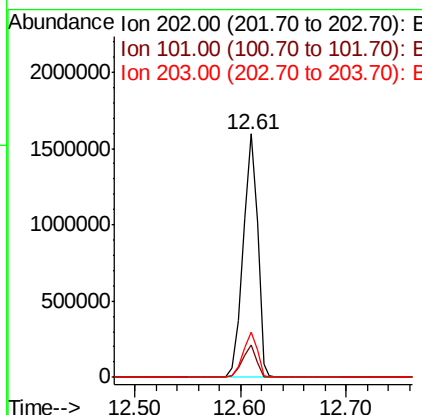
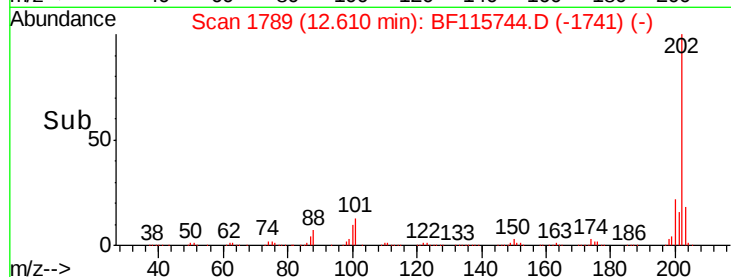
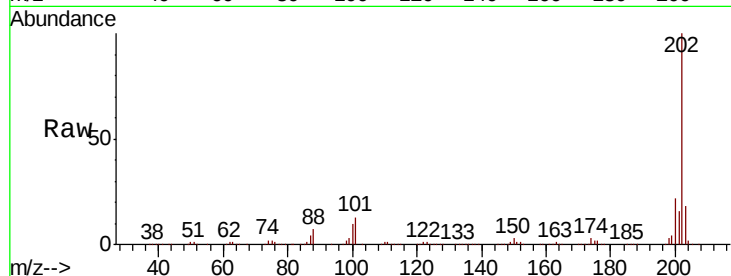




#75
 Fluoranthene
 Concen: 38.782 ng
 RT: 12.61 min Scan# 1789
 Delta R.T. -0.02 min
 Lab File: BF115744.D
 Acq: 24 Jul 2019 10:44

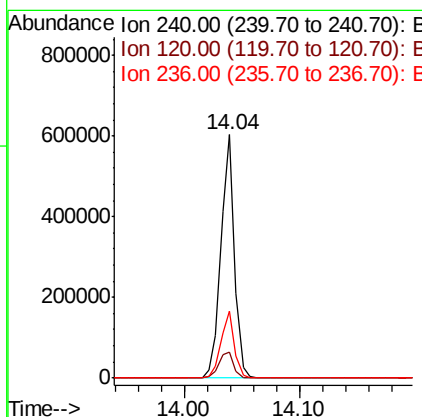
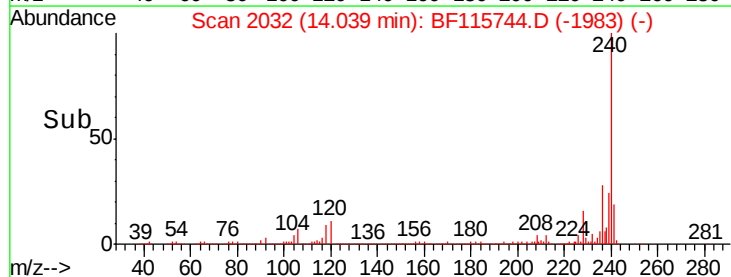
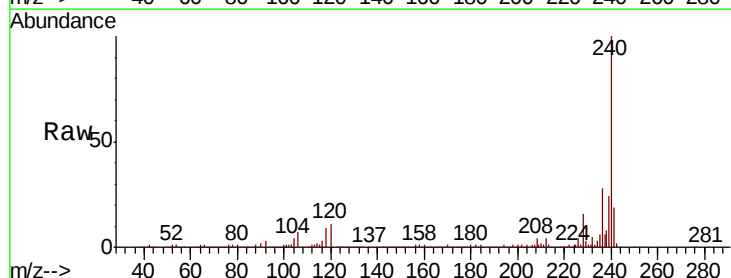
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:202 Resp: 1489620
 Ion Ratio Lower Upper
 202 100
 101 13.3 0.0 31.4
 203 18.5 0.0 38.1



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.04 min Scan# 2032
 Delta R.T. -0.01 min
 Lab File: BF115744.D
 Acq: 24 Jul 2019 10:44

Tgt Ion:240 Resp: 490638
 Ion Ratio Lower Upper
 240 100
 120 10.8 8.6 13.0
 236 27.6 21.3 31.9





#77

Benzidine

Concen: 14.845 ng

RT: 12.72 min Scan# 1808

Delta R.T. -0.02 min

Lab File: BF115744.D

Acq: 24 Jul 2019 10:44

Instrument :

BNA_F

ClientSampleId :

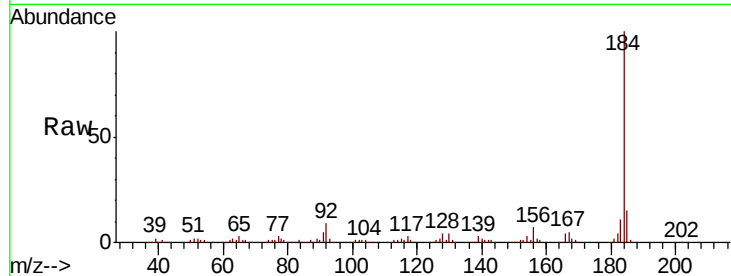
Tot Ion:184 Resp: 258025

Ion Ratio Lower Upper

184 100

185 14.6 12.0 18.0

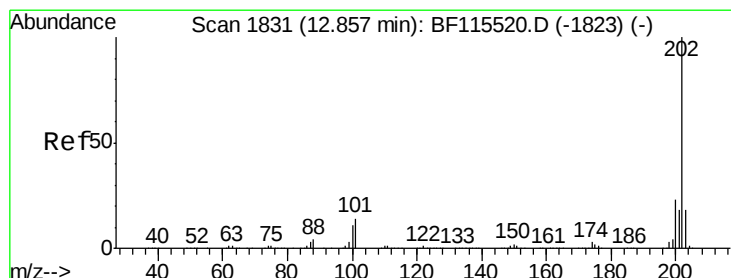
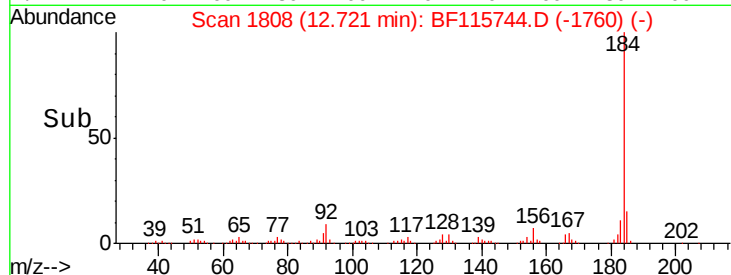
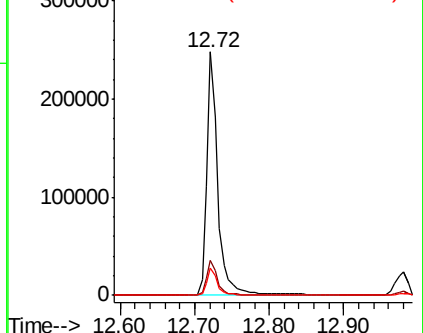
183 11.0 9.3 13.9



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 36.640 ng

RT: 12.84 min Scan# 1828

Delta R.T. -0.02 min

Lab File: BF115744.D

Acq: 24 Jul 2019 10:44

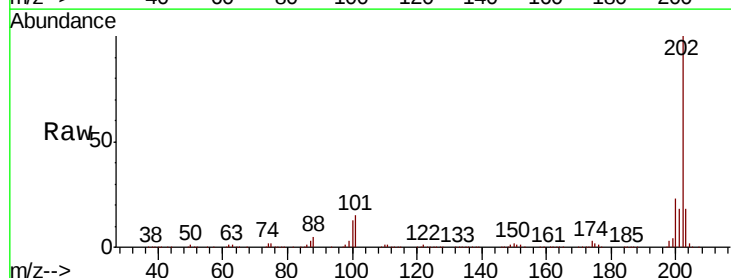
Tgt Ion:202 Resp: 1523073

Ion Ratio Lower Upper

202 100

200 22.7 18.7 28.1

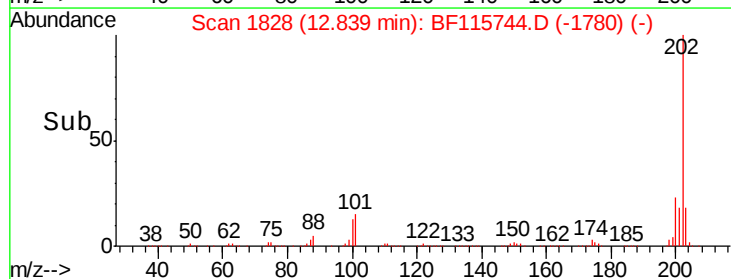
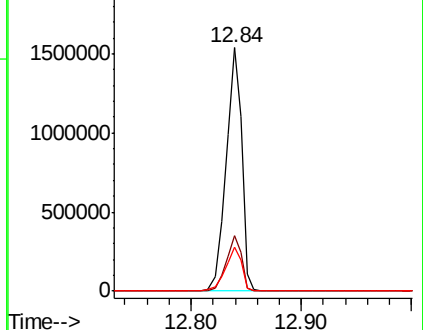
203 18.1 15.2 22.8

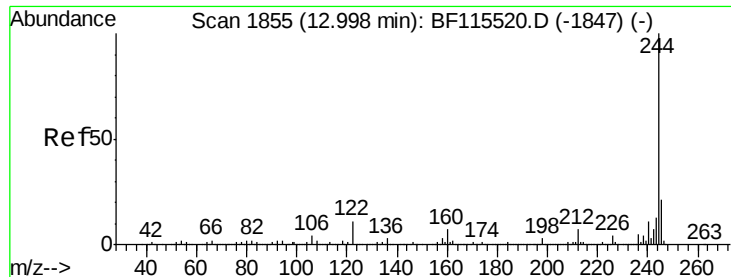


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



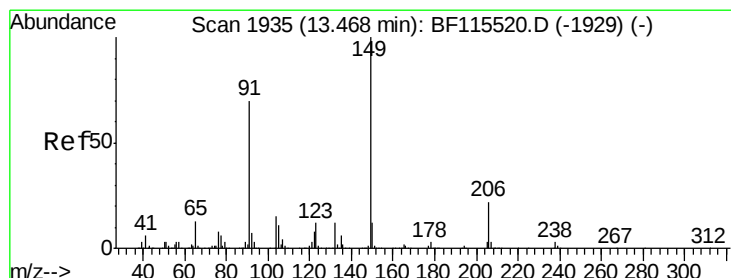
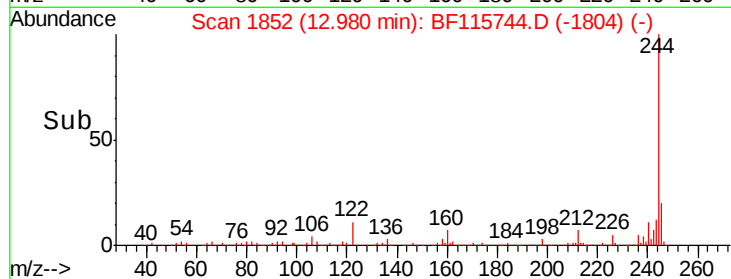
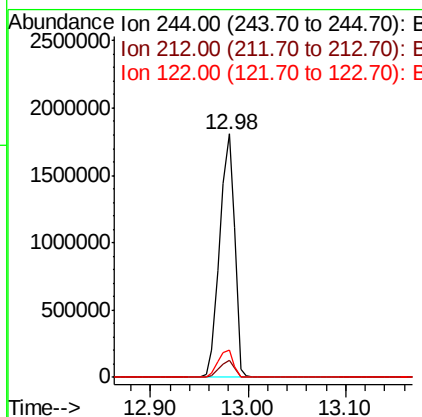
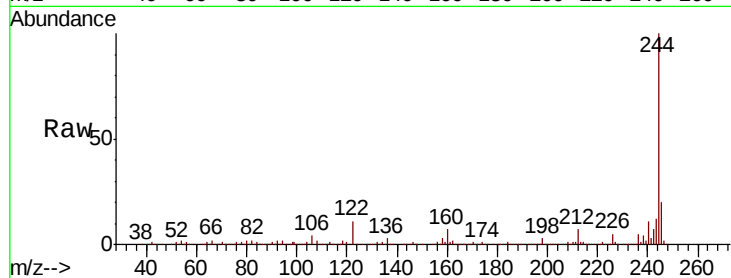


#79
 Terphenyl-d14
 Concen: 72.511 ng
 RT: 12.98 min Scan# 1852
 Delta R.T. -0.02 min
 Lab File: BF115744.D
 Acq: 24 Jul 2019 10:44

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:244 Resp: 1928106

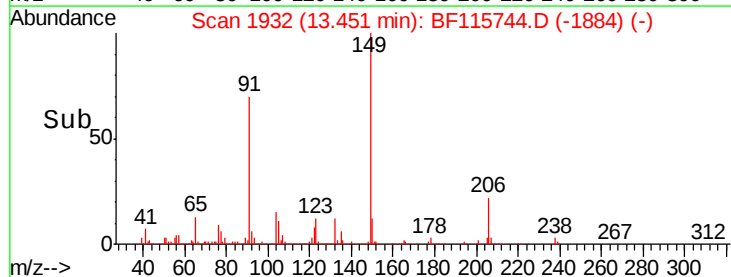
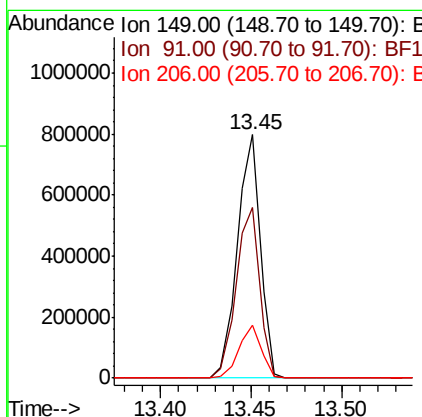
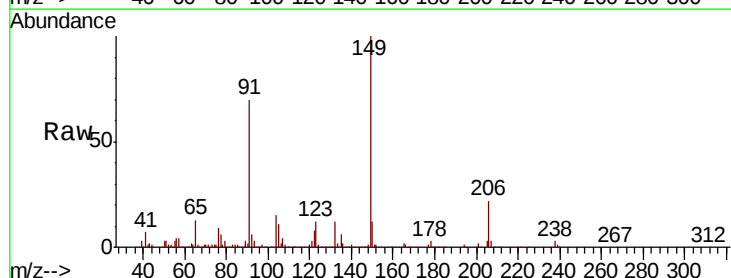
Ion	Ratio	Lower	Upper
244	100		
212	7.2	6.0	9.0
122	11.3	8.6	12.8



#80
 Butylbenzylphthalate
 Concen: 39.717 ng
 RT: 13.45 min Scan# 1932
 Delta R.T. -0.02 min
 Lab File: BF115744.D
 Acq: 24 Jul 2019 10:44

Tgt Ion:149 Resp: 703813

Ion	Ratio	Lower	Upper
149	100		
91	70.3	55.8	83.8
206	21.8	18.2	27.2





#81

Benzo(a)anthracene

Concen: 38.803 ng

RT: 14.03 min Scan# 2030

Delta R.T. -0.01 min

Lab File: BF115744.D

Acq: 24 Jul 2019 10:44

Instrument :

BNA_F

ClientSampleId :

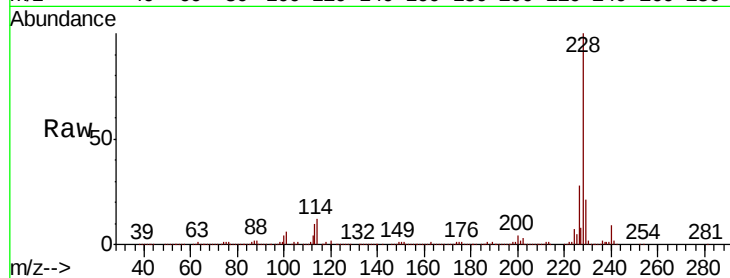
Tot Ion:228 Resp: 1254244

Ion	Ratio	Lower	Upper
228	100		
226	28.5	23.4	35.0
229	20.7	17.2	25.8

228 100

226 28.5 23.4 35.0

229 20.7 17.2 25.8

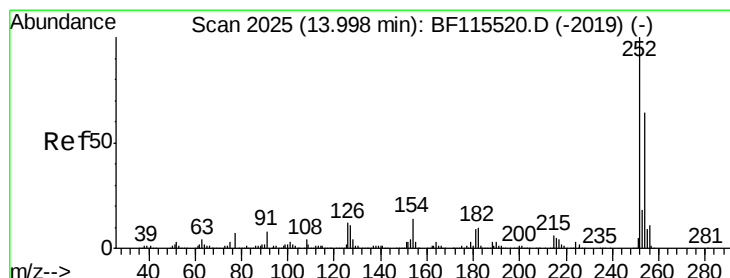
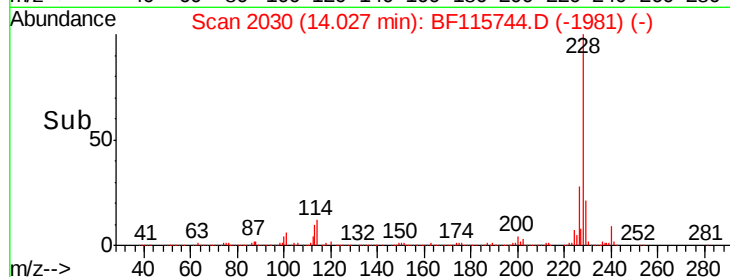
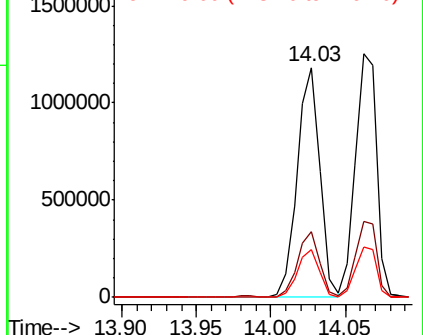


Abundance

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: 34.910 ng

RT: 13.99 min Scan# 2023

Delta R.T. -0.01 min

Lab File: BF115744.D

Acq: 24 Jul 2019 10:44

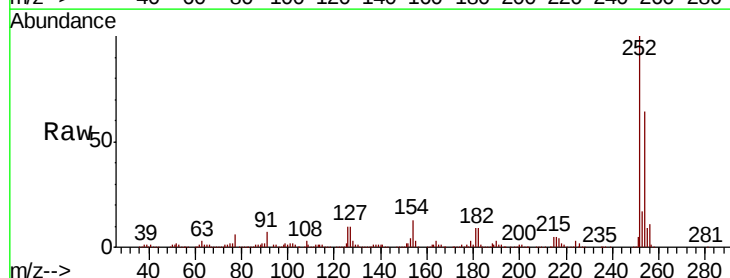
Tgt Ion:252 Resp: 401144

Ion	Ratio	Lower	Upper
252	100		
254	63.9	52.9	79.3
126	10.3	9.9	14.9

252 100

254 63.9 52.9 79.3

126 10.3 9.9 14.9

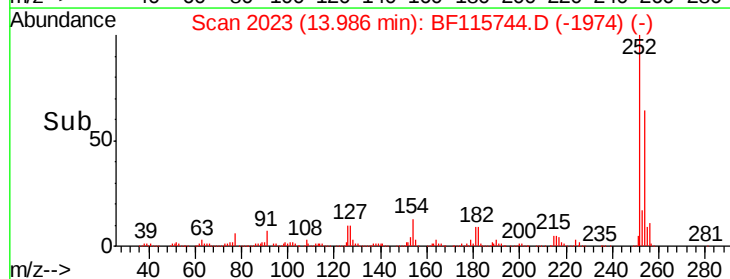
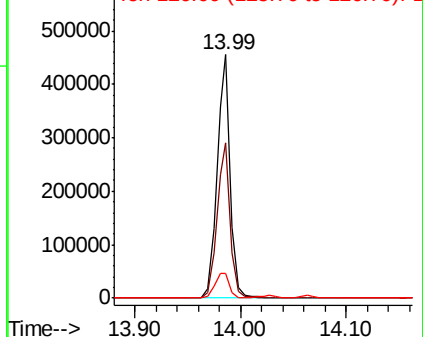


Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 38.413 ng

RT: 14.06 min Scan# 2036

Delta R.T. -0.02 min

Lab File: BF115744.D

Acq: 24 Jul 2019 10:44

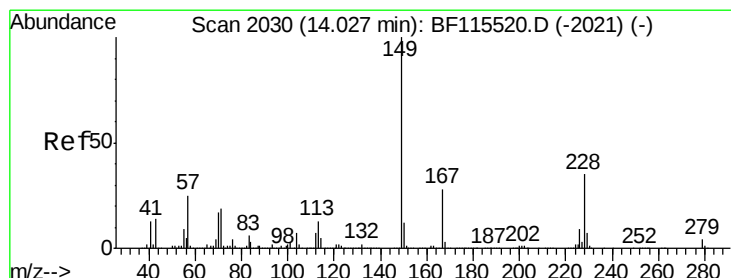
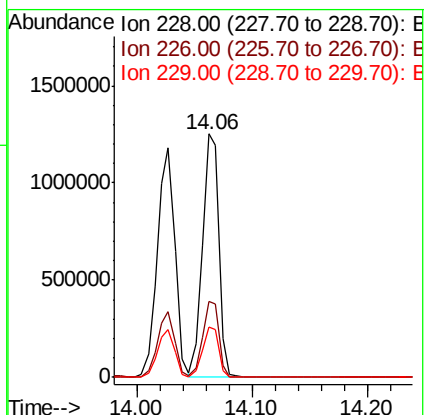
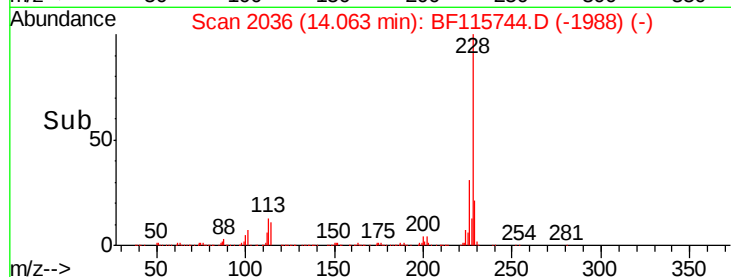
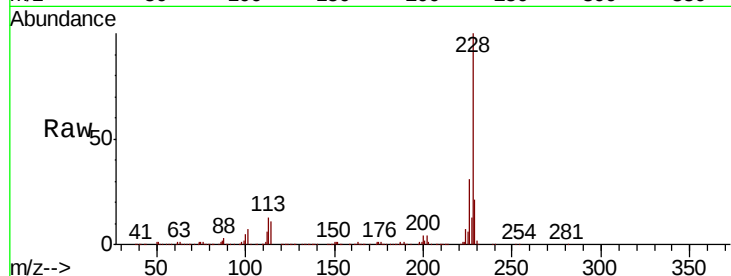
Instrument :

BNA_F

ClientSampleId :

Tot Ion:228 Resp: 1246423

Ion	Ratio	Lower	Upper
228	100		
226	31.2	25.7	38.5
229	20.9	16.6	25.0



#84

Bis(2-ethylhexyl)phthalate

Concen: 44.156 ng

RT: 14.01 min Scan# 2027

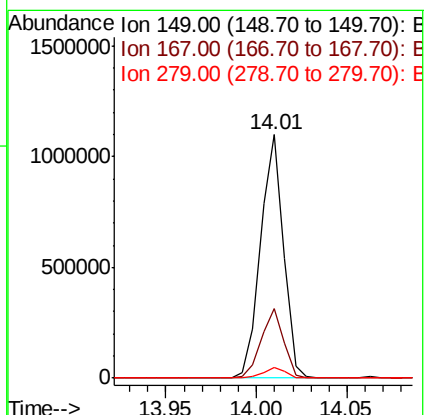
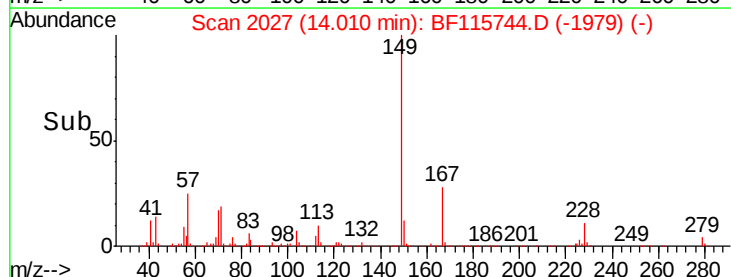
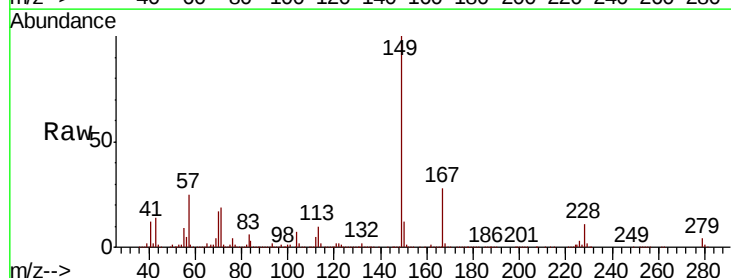
Delta R.T. -0.02 min

Lab File: BF115744.D

Acq: 24 Jul 2019 10:44

Tgt Ion:149 Resp: 969220

Ion	Ratio	Lower	Upper
149	100		
167	28.3	23.0	34.4
279	4.4	4.2	6.2





#85

Di-n-octyl phthalate

Concen: 44.799 ng

RT: 14.62 min Scan# 2131

Delta R.T. -0.02 min

Lab File: BF115744.D

Acq: 24 Jul 2019 10:44

Instrument :

BNA_F

ClientSampleId :

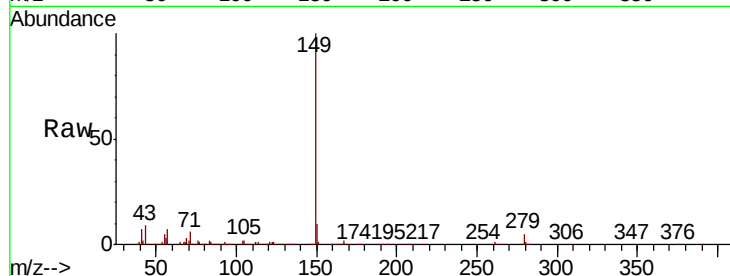
Tot Ion:149 Resp: 1564572

Ion Ratio Lower Upper

149 100

167 1.6 1.4 2.0

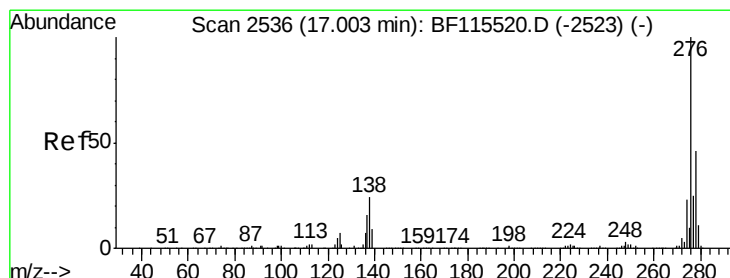
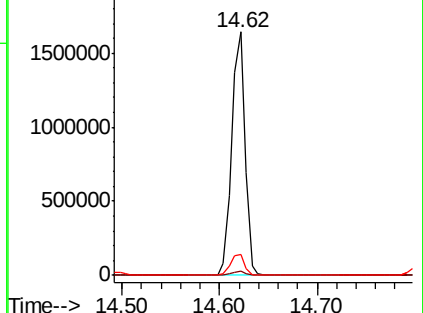
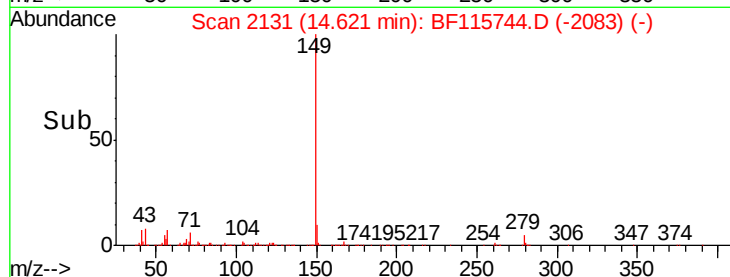
43 9.0 7.2 10.8



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: 38.118 ng

RT: 16.99 min Scan# 2533

Delta R.T. -0.02 min

Lab File: BF115744.D

Acq: 24 Jul 2019 10:44

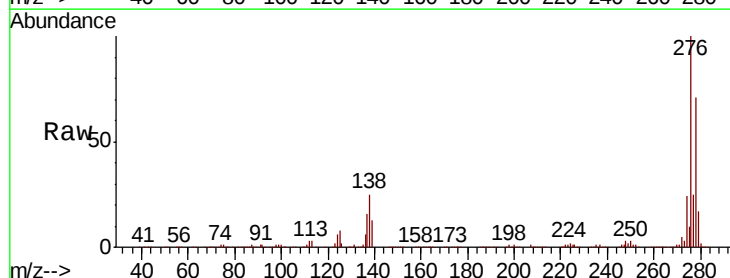
Tgt Ion:276 Resp: 1050827

Ion Ratio Lower Upper

276 100

138 25.3 20.2 30.2

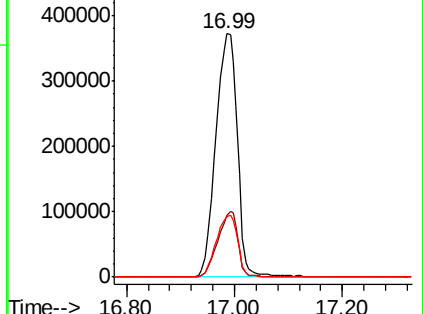
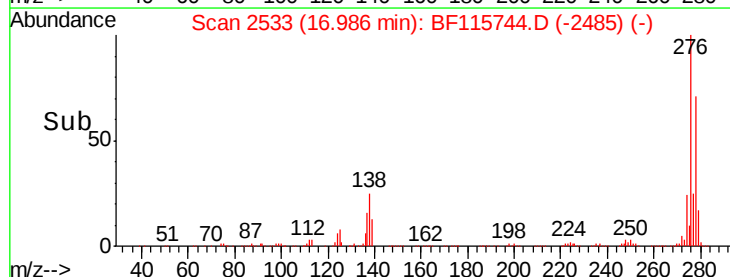
277 25.4 20.4 30.6

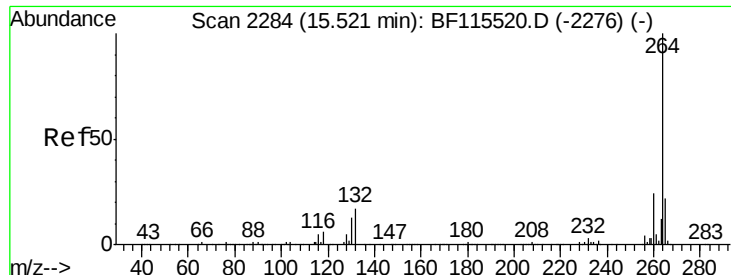


Abundance Ion 276.00 (275.70 to 276.70): E

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: 15.50 min Scan# 2281

Delta R.T. -0.02 min

Lab File: BF115744.D

Acq: 24 Jul 2019 10:44

Instrument :

BNA_F

ClientSampleId :

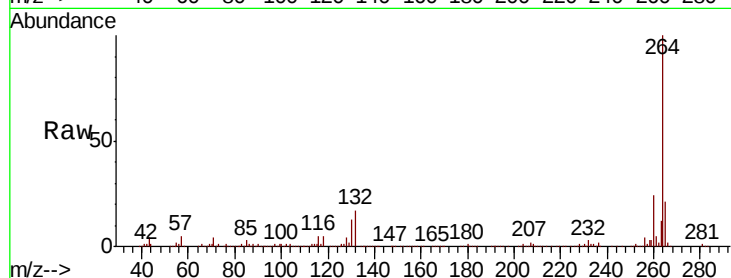
Tot Ion:264 Resp: 349799

Ion Ratio Lower Upper

264 100

260 23.9 19.8 29.8

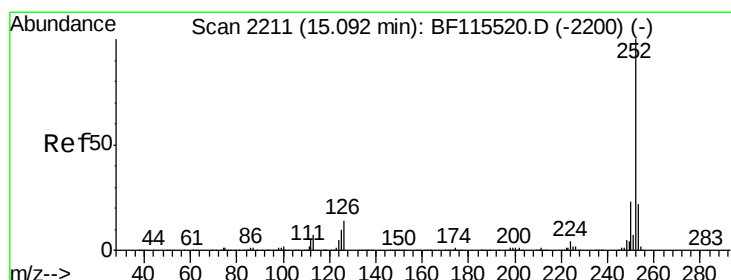
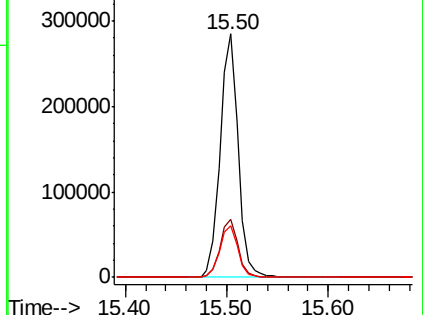
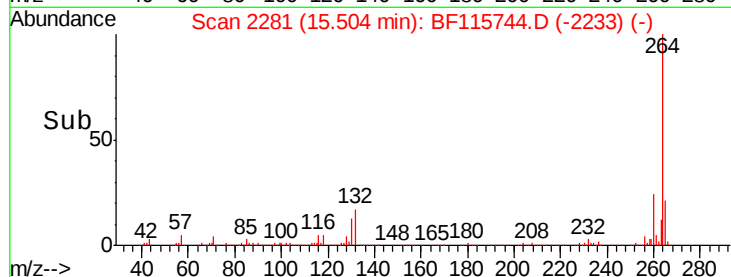
265 21.0 17.7 26.5



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 52.749 ng

RT: 15.08 min Scan# 2209

Delta R.T. -0.01 min

Lab File: BF115744.D

Acq: 24 Jul 2019 10:44

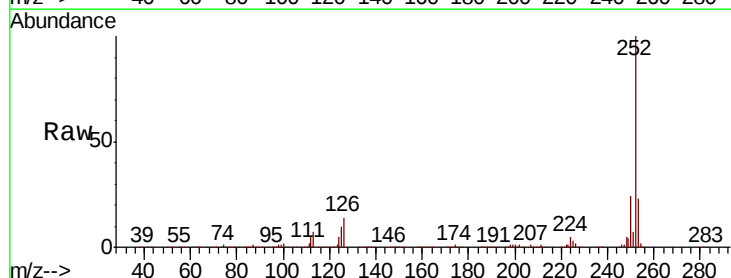
Tgt Ion:252 Resp: 1188134

Ion Ratio Lower Upper

252 100

253 22.7 18.1 27.1

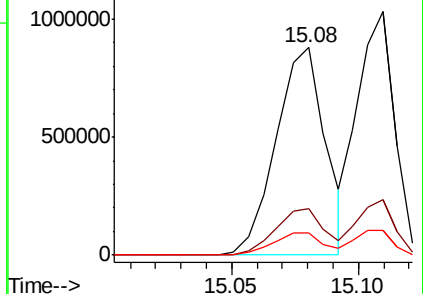
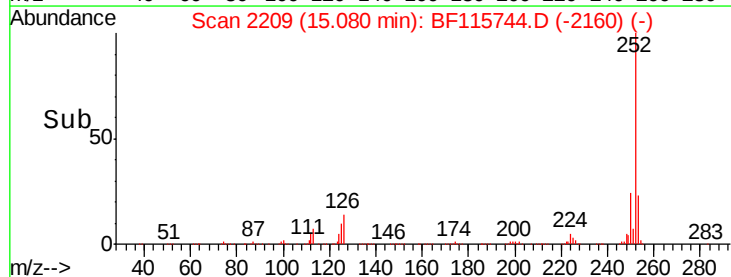
125 10.4 9.0 13.4

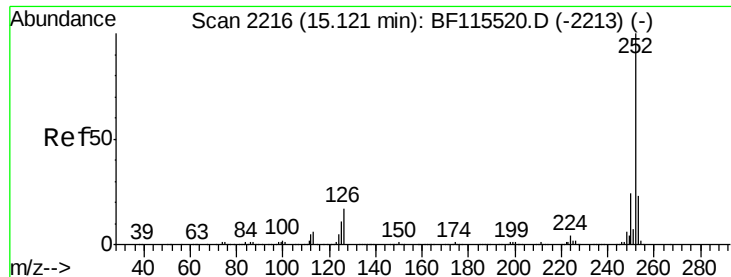


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

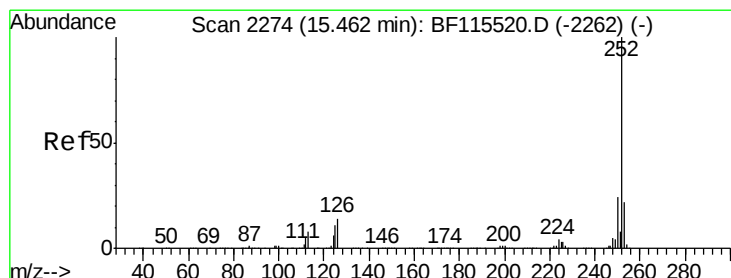
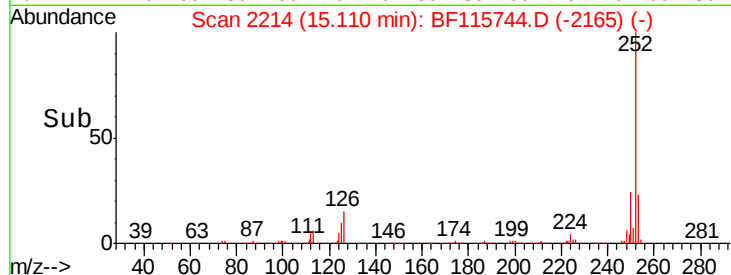
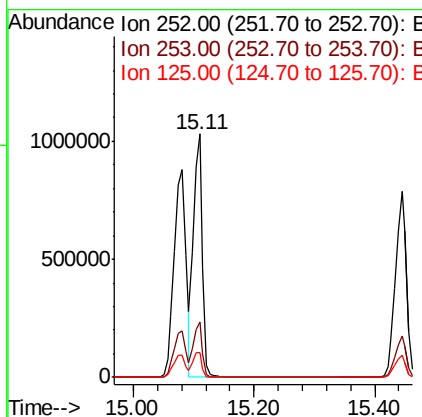
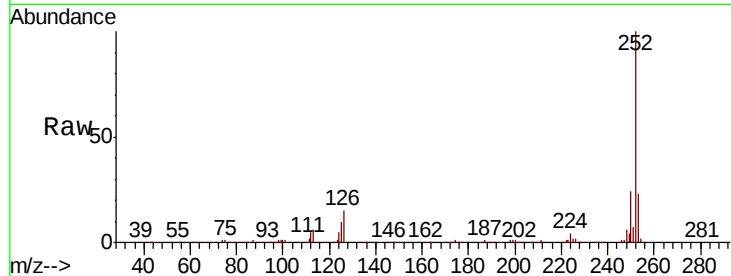




#89
Benzo(k)fluoranthene
Concen: 53.113 ng
RT: 15.11 min Scan# 2214
Delta R.T. -0.01 min
Lab File: BF115744.D
Acq: 24 Jul 2019 10:44

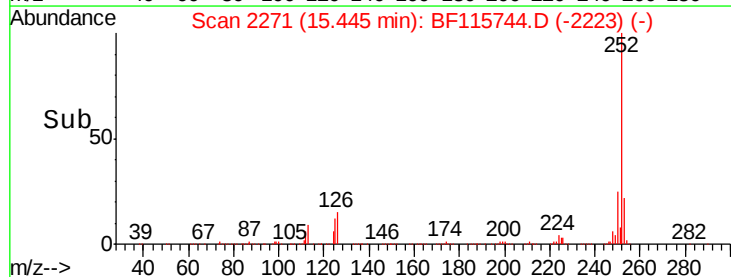
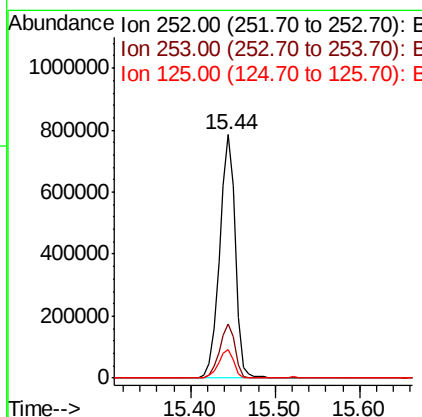
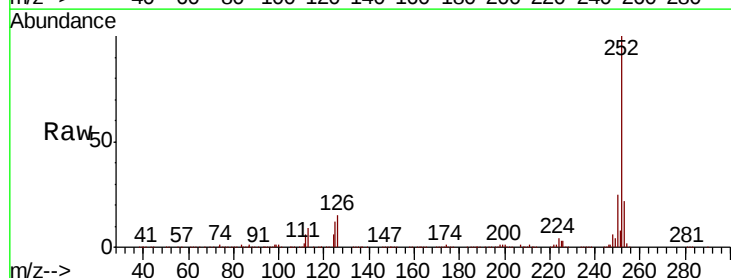
Instrument :
BNA_F
ClientSampled :

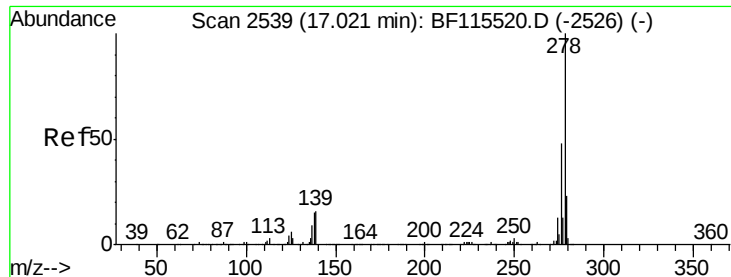
Tot Ion:252 Resp: 1066585
Ion Ratio Lower Upper
252 100
253 22.8 18.6 28.0
125 10.0 9.0 13.6



#90
Benzo(a)pyrene
Concen: 52.917 ng
RT: 15.44 min Scan# 2271
Delta R.T. -0.02 min
Lab File: BF115744.D
Acq: 24 Jul 2019 10:44

Tgt Ion:252 Resp: 1024445
Ion Ratio Lower Upper
252 100
253 22.4 17.8 26.6
125 11.7 9.1 13.7





#91

Dibenzo(a,h)anthracene

Concen: 52.517 ng

RT: 17.00 min Scan# 2536

Delta R.T. -0.02 min

Lab File: BF115744.D

Acq: 24 Jul 2019 10:44

Instrument :

BNA_F

ClientSampleId :

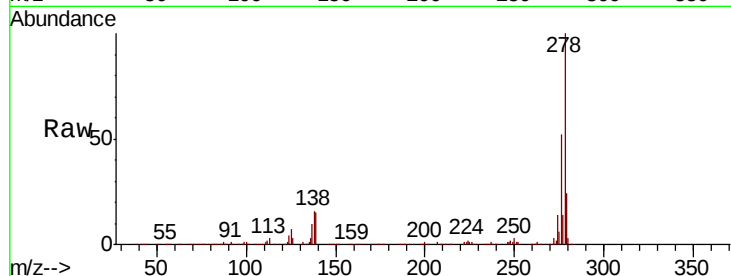
Tot Ion:278 Resp: 892560

Ion Ratio Lower Upper

278 100

139 15.5 13.1 19.7

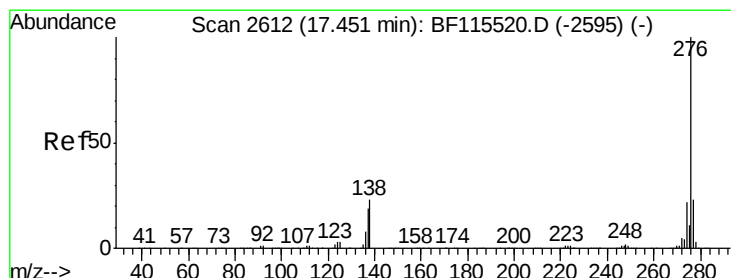
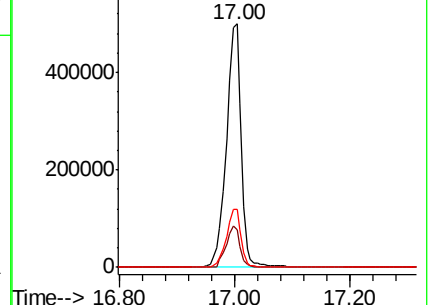
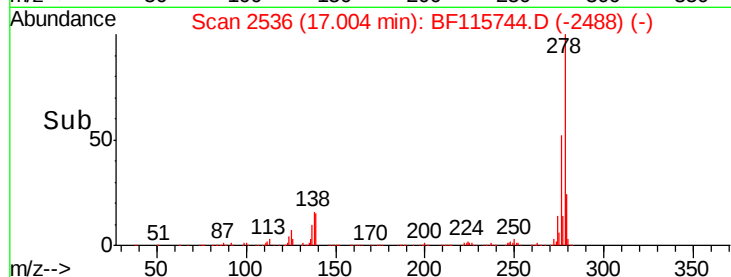
279 23.6 19.6 29.4



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: 50.082 ng

RT: 17.43 min Scan# 2609

Delta R.T. -0.02 min

Lab File: BF115744.D

Acq: 24 Jul 2019 10:44

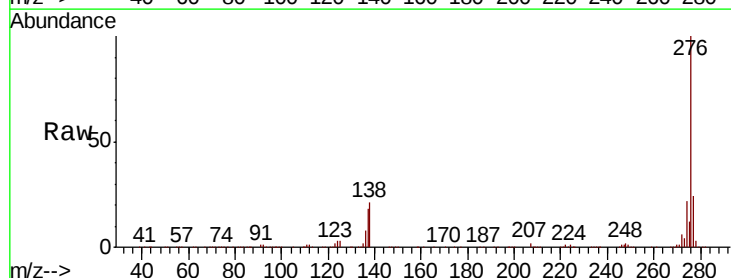
Tgt Ion:276 Resp: 848885

Ion Ratio Lower Upper

276 100

277 24.1 19.0 28.4

138 21.3 17.2 25.8



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

