

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072419\
 Data File : BF115741.D
 Acq On : 24 Jul 2019 9:24
 Operator : HP/JU
 Sample : PB121641BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 24 16:34:14 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	142028	20.00	ng	-0.01
21) Naphthalene-d8	8.16	136	568379	20.00	ng	-0.01
39) Acenaphthene-d10	9.91	164	290656	20.00	ng	-0.02
64) Phenanthrene-d10	11.40	188	564622	20.00	ng	-0.01
76) Chrysene-d12	14.04	240	413994	20.00	ng	-0.01
87) Perylene-d12	15.50	264	349226	20.00	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.50	112	714669	82.31	ng	0.00
7) Phenol-d6	6.50	99	914196	82.98	ng	-0.01
23) Nitrobenzene-d5	7.43	82	836110	85.54	ng	-0.02
42) 2,4,6-Tribromophenol	10.70	330	270714	79.79	ng	-0.01
45) 2-Fluorobiphenyl	9.23	172	1511091	91.00	ng	-0.02
79) Terphenyl-d14	12.98	244	1698848	75.72	ng	-0.02

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.75	88	167973	38.782	ng	97
3) Pyridine	3.50	79	410069	34.896	ng	98
4) n-Nitrosodimethylamine	3.45	42	176812	41.476	ng	91
6) Aniline	6.53	93	443957	28.955	ng	100
8) 2-Chlorophenol	6.66	128	408804	40.950	ng	98
9) Benzaldehyde	6.42	77	162776	23.642	ng	98
10) Phenol	6.52	94	529012	41.361	ng	88
11) bis(2-Chloroethyl)ether	6.60	93	385229	39.561	ng	99
12) 1,3-Dichlorobenzene	6.82	146	433429	38.616	ng	100
13) 1,4-Dichlorobenzene	6.89	146	438031	39.114	ng	96
14) 1,2-Dichlorobenzene	7.05	146	405580	39.618	ng	97
15) Benzyl Alcohol	7.02	79	351940	40.267	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.15	45	513296	40.039	ng	99
17) 2-Methylphenol	7.13	107	355952	41.374	ng	98
18) Hexachloroethane	7.39	117	159348	38.336	ng	96
19) n-Nitroso-di-n-propylamine	7.29	70	278308	38.731	ng	98
20) 3+4-Methylphenols	7.28	107	417881	40.893	ng	# 86
22) Acetophenone	7.28	105	551129	42.921	ng	# 98
24) Nitrobenzene	7.45	77	445832	42.287	ng	95
25) Isophorone	7.69	82	810011	41.412	ng	99
26) 2-Nitrophenol	7.77	139	225270	41.511	ng	98
27) 2,4-Dimethylphenol	7.80	122	370768	45.663	ng	99
28) bis(2-Chloroethoxy)methane	7.90	93	490073	40.841	ng	99
29) 2,4-Dichlorophenol	8.02	162	359219	42.539	ng	97
30) 1,2,4-Trichlorobenzene	8.10	180	380137	39.824	ng	98
31) Naphthalene	8.17	128	1173233	42.622	ng	97
32) Benzoic acid	7.94	122	249858	37.496	ng	98
33) 4-Chloroaniline	8.22	127	336986	27.638	ng	98
34) Hexachlorobutadiene	8.30	225	211919	38.715	ng	98
35) Caprolactam	8.59	113	72064	27.617	ng	92
36) 4-Chloro-3-methylphenol	8.71	107	367832	41.993	ng	95
37) 2-Methylnaphthalene	8.87	142	796549	43.655	ng	96
38) 1-Methylnaphthalene	8.97	142	741067	42.759	ng	97
40) 1,2,4,5-Tetrachlorobenzene	9.04	216	359963	41.126	ng	98

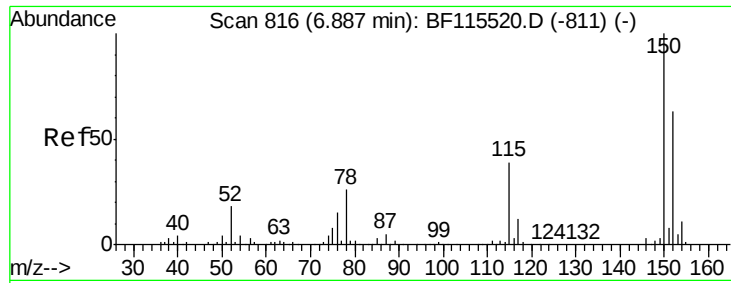
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072419\
 Data File : BF115741.D
 Acq On : 24 Jul 2019 9:24
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Instrument :
 BNA_F
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Quant Time: Jul 24 16:34:14 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA 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	310230	62.135	ng	99
43) 2,4,6-Trichlorophenol	9.15	196	249956	39.051	ng	97
44) 2,4,5-Trichlorophenol	9.19	196	265148	40.449	ng	98
46) 1,1'-Biphenyl	9.33	154	969748	42.677	ng	98
47) 2-Chloronaphthalene	9.36	162	768899	40.638	ng	97
48) 2-Nitroaniline	9.45	65	239028	40.816	ng	99
49) Acenaphthylene	9.77	152	1170172	41.739	ng	98
50) Dimethylphthalate	9.63	163	886766	40.551	ng	98
51) 2,6-Dinitrotoluene	9.69	165	199794	40.203	ng	96
52) Acenaphthene	9.95	154	711817	39.326	ng	99
53) 3-Nitroaniline	9.86	138	164524	28.970	ng	96
54) 2,4-Dinitrophenol	9.97	184	196590	77.048	ng	99
55) Dibenzofuran	10.12	168	1061217	41.285	ng	99
56) 4-Nitrophenol	10.03	139	319102	73.685	ng	94
57) 2,4-Dinitrotoluene	10.10	165	267794	41.593	ng	97
58) Fluorene	10.46	166	787506	42.856	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.24	232	222189	40.548	ng	98
60) Diethylphthalate	10.33	149	856835	41.818	ng	97
61) 4-Chlorophenyl-phenylether	10.45	204	405306	39.773	ng	100
62) 4-Nitroaniline	10.47	138	216889	39.814	ng	92
63) Azobenzene	10.61	77	880318	44.295	ng	97
65) 4,6-Dinitro-2-methylphenol	10.51	198	132845	38.510	ng	95
66) n-Nitrosodiphenylamine	10.57	169	712981	40.595	ng	99
67) 4-Bromophenyl-phenylether	10.94	248	251047	38.908	ng	98
68) Hexachlorobenzene	11.02	284	284248	38.576	ng	97
69) Atrazine	11.09	200	233289	40.489	ng	97
70) Pentachlorophenol	11.20	266	314720	69.833	ng	99
71) Phenanthrene	11.42	178	1200162	41.468	ng	97
72) Anthracene	11.47	178	1228064	41.058	ng	100
73) Carbazole	11.63	167	1103143	42.058	ng	99
74) Di-n-butylphthalate	11.95	149	1348945	41.752	ng	99
75) Fluoranthene	12.61	202	1285214	42.022	ng	98
77) Benzidine	12.72	184	432864	29.515	ng	99
78) Pyrene	12.84	202	1292265	36.843	ng	98
80) Butylbenzylphthalate	13.45	149	595200	39.806	ng	98
81) Benzo(a)anthracene	14.03	228	1111993	40.771	ng	97
82) 3,3'-Dichlorobenzidine	13.98	252	354738	36.587	ng	98
83) Chrysene	14.06	228	1078970	39.408	ng	99
84) Bis(2-ethylhexyl)phthalate	14.01	149	832274	44.936	ng	99
85) Di-n-octyl phthalate	14.62	149	1369932	46.487	ng	99
86) Indeno(1,2,3-cd)pyrene	16.99	276	913498	39.272	ng	99
88) Benzo(b)fluoranthene	15.07	252	1066492	47.426	ng	99
89) Benzo(k)fluoranthene	15.11	252	938901	46.831	ng	97
90) Benzo(a)pyrene	15.44	252	923599	47.787	ng	99
91) Dibenzo(a,h)anthracene	17.00	278	767469	45.231	ng	98
92) Benzo(g,h,i)perylene	17.43	276	731603	43.233	ng	100

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

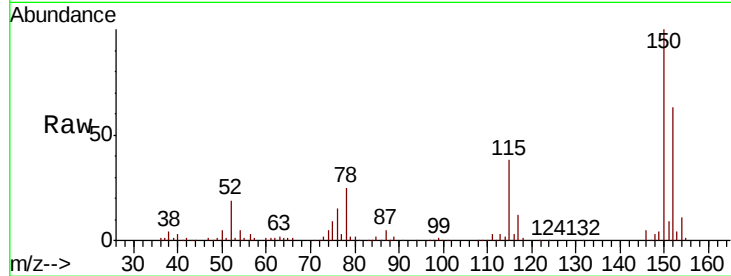


#1

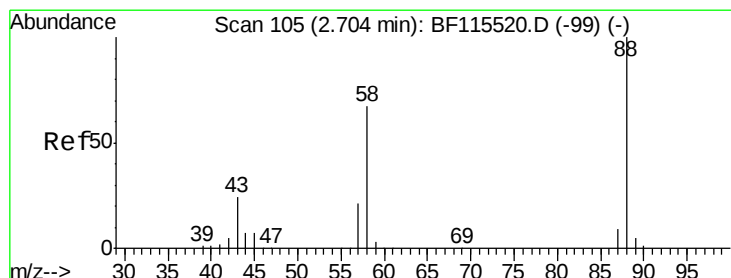
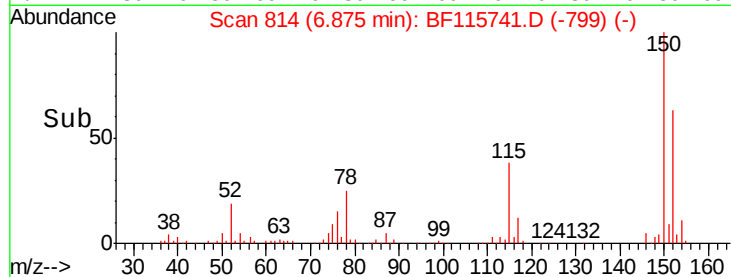
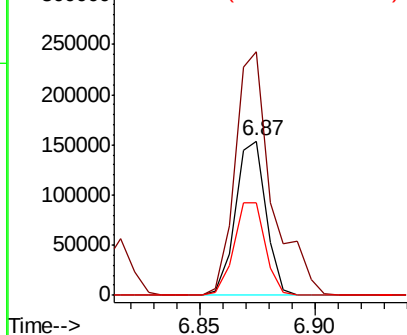
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.87 min Scan# 814
 Delta R.T. -0.01 min
 Lab File: BF115741.D
 Acq: 24 Jul 2019 9:24

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:152 Resp: 142028
 Ion Ratio Lower Upper
 152 100
 150 158.0 129.7 194.5
 115 60.1 48.2 72.4



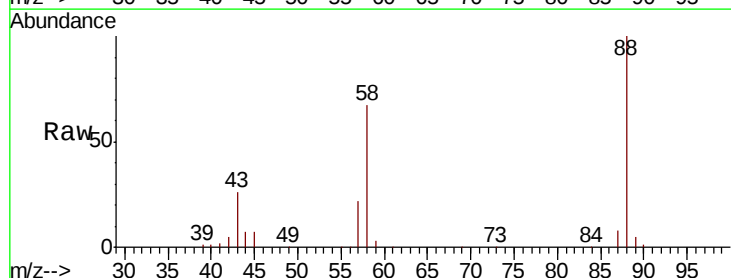
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



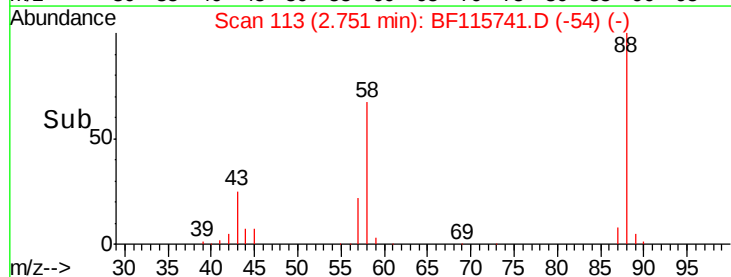
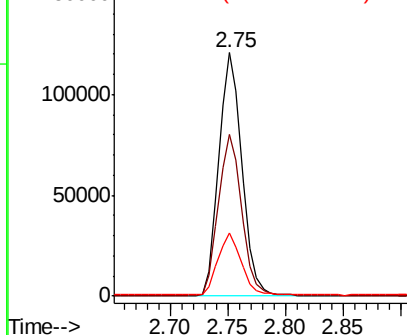
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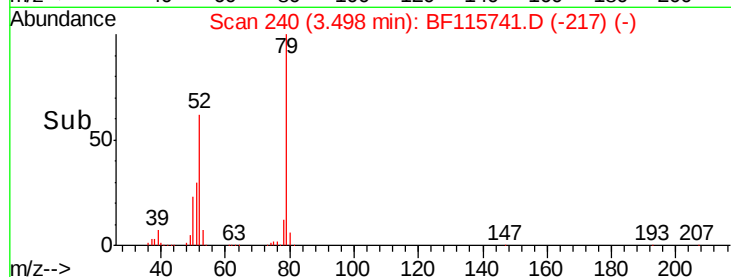
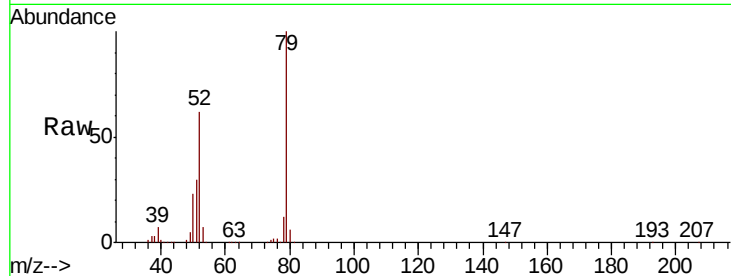
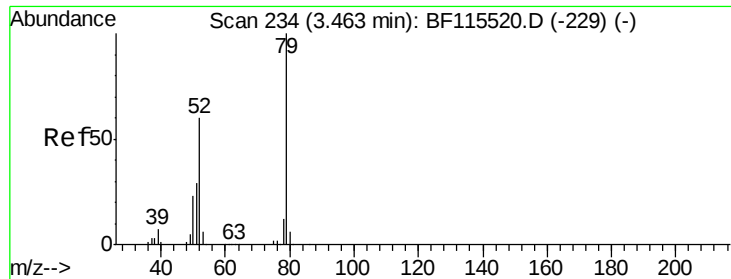
1,4-Dioxane
 Concen: 38.782 ng
 RT: 2.75 min Scan# 113
 Delta R.T. 0.05 min
 Lab File: BF115741.D
 Acq: 24 Jul 2019 9:24

Tgt Ion: 88 Resp: 167973
 Ion Ratio Lower Upper
 88 100
 58 67.4 52.6 79.0
 43 25.8 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

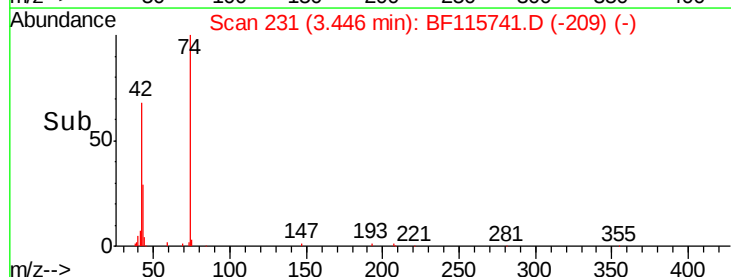
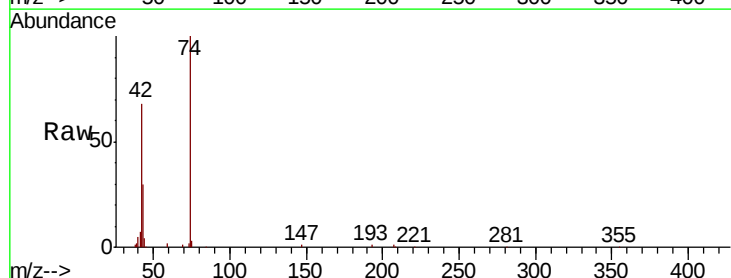
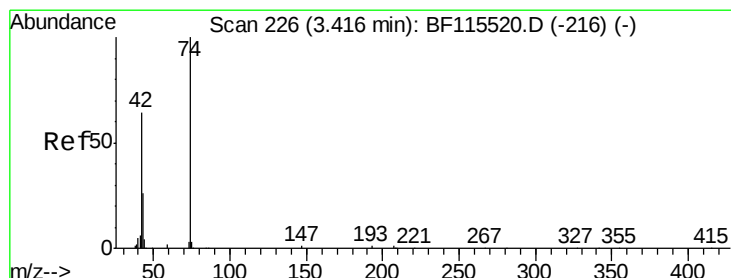
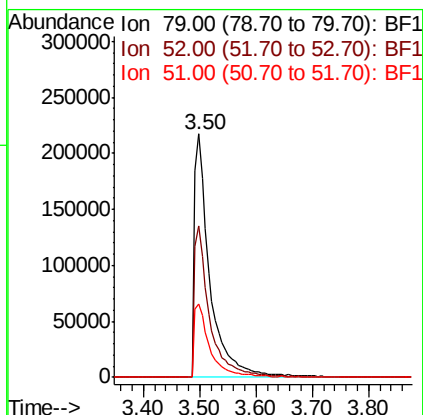




#3
 Pvridine
 Concen: 34.896 ng
 RT: 3.50 min Scan# 240
 Delta R.T. 0.04 min
 Lab File: BF115741.D
 Acq: 24 Jul 2019 9:24

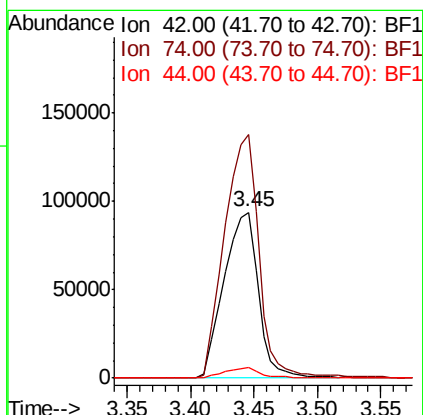
Instrument :
 BNA_F
 ClientSampleId :

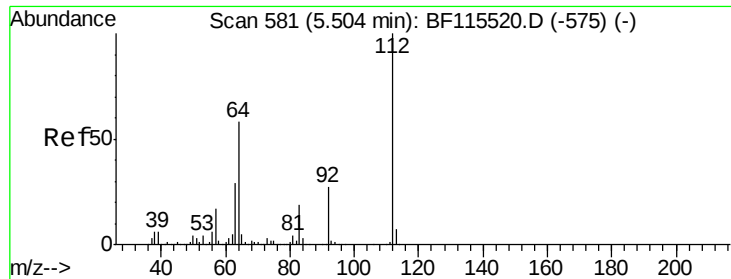
Tot Ion: 79 Resp: 410069
 Ion Ratio Lower Upper
 79 100
 52 62.0 47.8 71.6
 51 30.1 23.8 35.8



#4
 n-Nitrosodimethylamine
 Concen: 41.476 ng
 RT: 3.45 min Scan# 231
 Delta R.T. 0.03 min
 Lab File: BF115741.D
 Acq: 24 Jul 2019 9:24

Tgt Ion: 42 Resp: 176812
 Ion Ratio Lower Upper
 42 100
 74 146.7 127.5 191.3
 44 6.5 5.0 7.6





#5

2-Fluorophenol

Concen: 82.307 ng

RT: 5.50 min Scan# 581

Delta R.T. -0.00 min

Lab File: BF115741.D

Acq: 24 Jul 2019 9:24

Instrument :
BNA_F
ClientSampled :

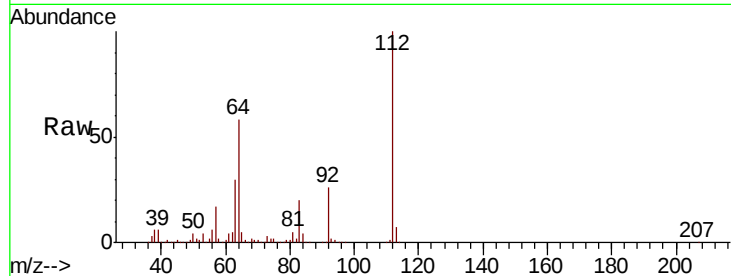
Tot Ion:112 Resp: 714669

Ion Ratio Lower Upper

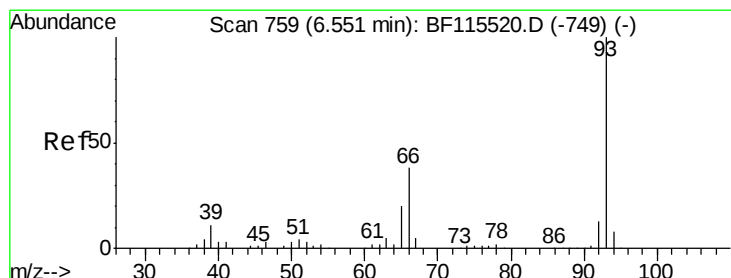
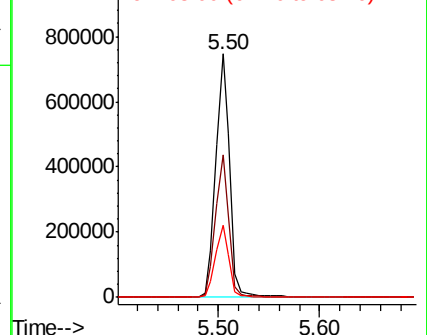
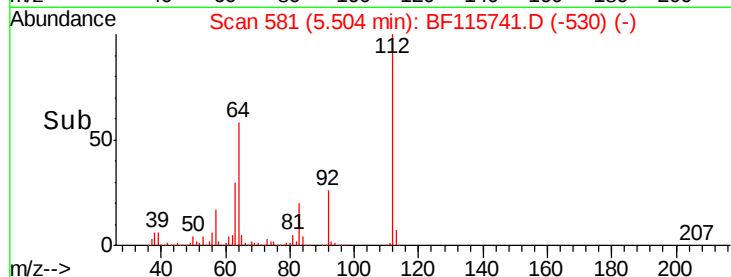
112 100

64 58.4 46.8 70.2

63 29.8 24.1 36.1



Abundance Ion 112.00 (111.70 to 112.70): B
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 28.955 ng

RT: 6.53 min Scan# 756

Delta R.T. -0.02 min

Lab File: BF115741.D

Acq: 24 Jul 2019 9:24

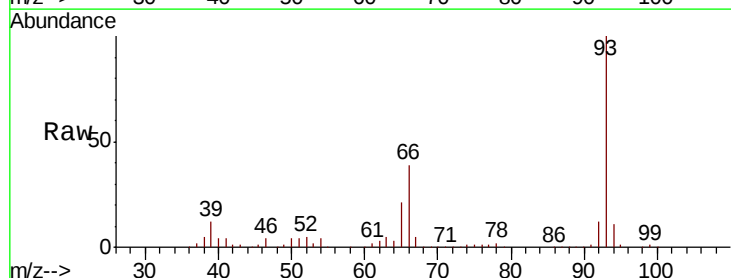
Tgt Ion: 93 Resp: 443957

Ion Ratio Lower Upper

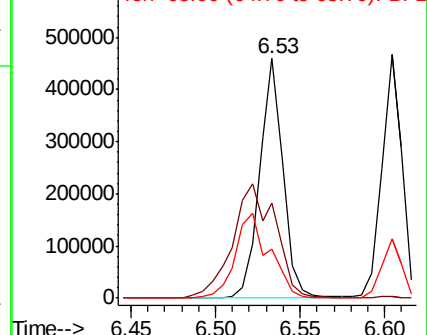
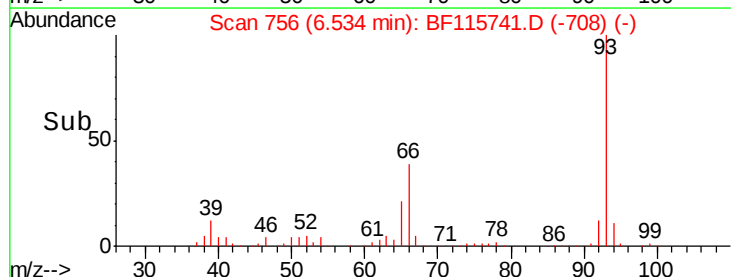
93 100

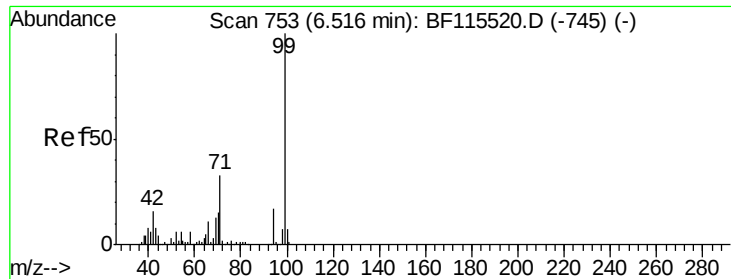
66 39.5 31.7 47.5

65 20.6 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: 82.975 ng

RT: 6.50 min Scan# 751

Delta R.T. -0.01 min

Lab File: BF115741.D

Acq: 24 Jul 2019 9:24

Instrument :

BNA_F

ClientSampleId :

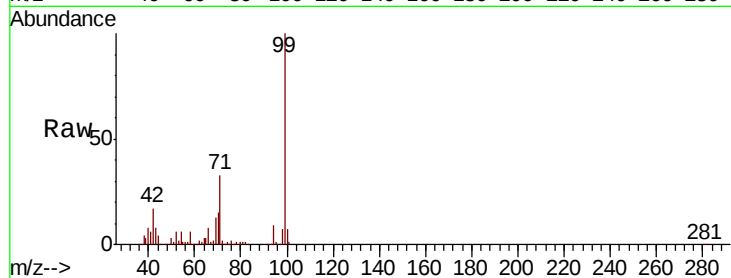
Tot Ion: 99 Resp: 914196

Ion Ratio Lower Upper

99 100

42 16.8 13.6 20.4

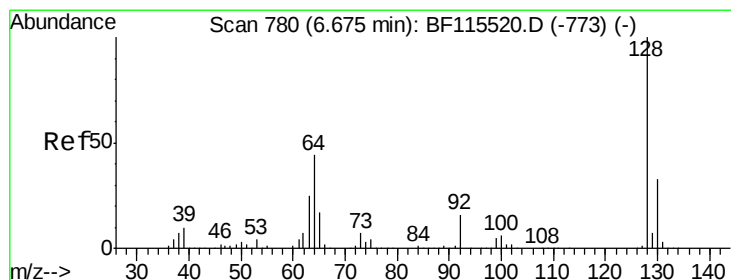
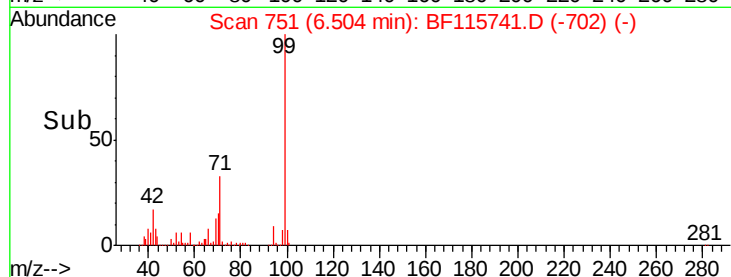
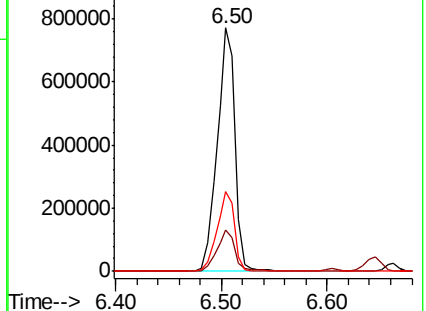
71 33.0 28.5 42.7



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: 40.950 ng

RT: 6.66 min Scan# 778

Delta R.T. -0.01 min

Lab File: BF115741.D

Acq: 24 Jul 2019 9:24

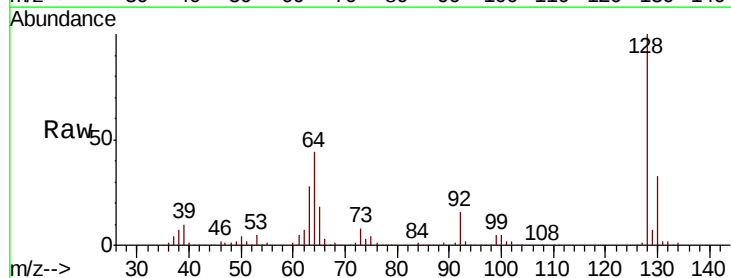
Tgt Ion: 128 Resp: 408804

Ion Ratio Lower Upper

128 100

130 32.9 12.8 52.8

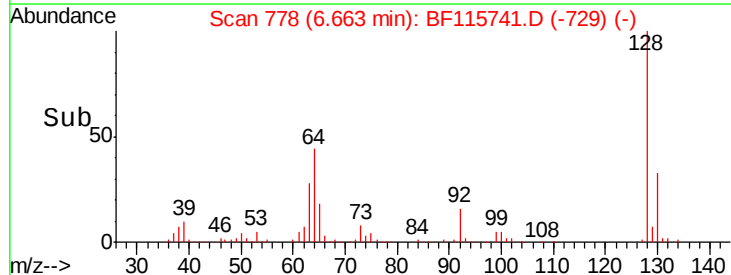
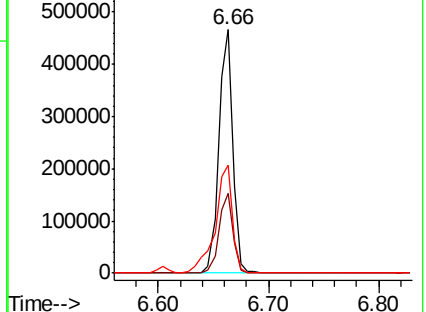
64 44.2 26.8 66.8

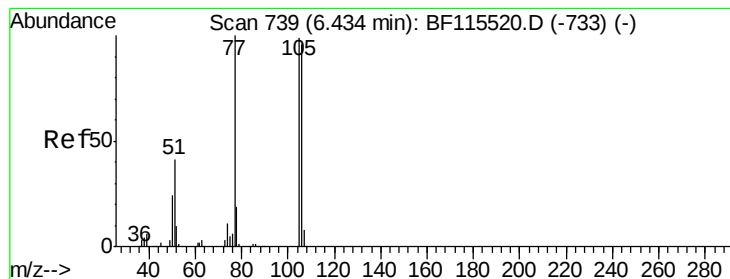


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 23.642 ng

RT: 6.42 min Scan# 737

Delta R.T. -0.01 min

Lab File: BF115741.D

Acq: 24 Jul 2019 9:24

Instrument :

BNA_F

ClientSampleId :

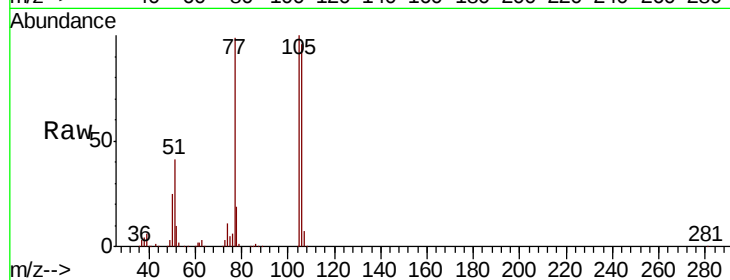
Tot Ion: 77 Resp: 162776

Ion Ratio Lower Upper

77 100

105 101.2 78.8 118.8

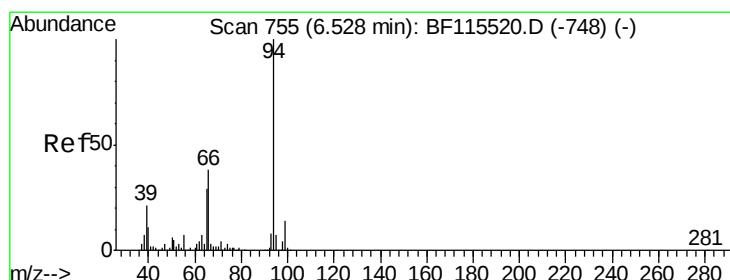
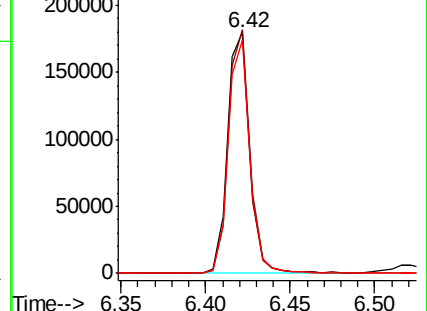
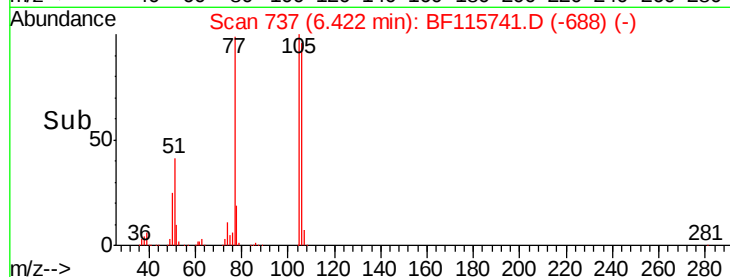
106 97.0 75.6 115.6



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: 41.361 ng

RT: 6.52 min Scan# 754

Delta R.T. -0.01 min

Lab File: BF115741.D

Acq: 24 Jul 2019 9:24

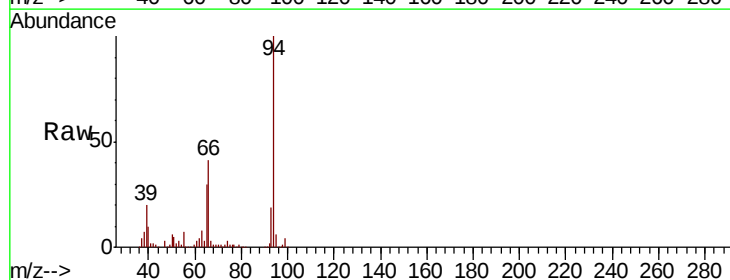
Tgt Ion: 94 Resp: 529012

Ion Ratio Lower Upper

94 100

65 29.8 14.5 54.5

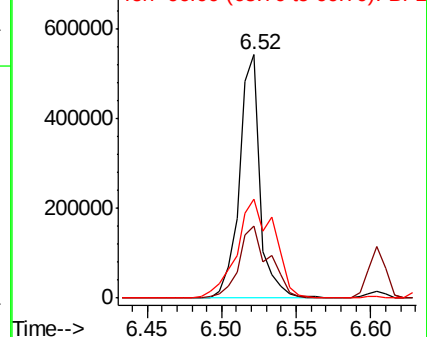
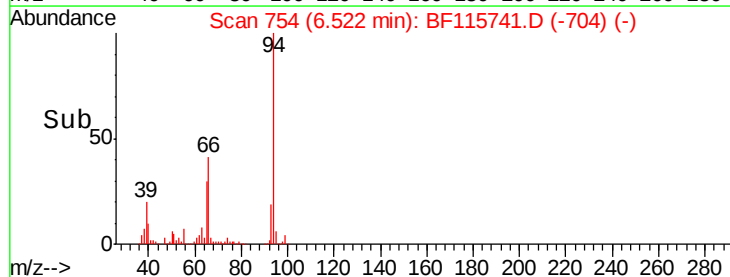
66 40.5 31.3 71.3

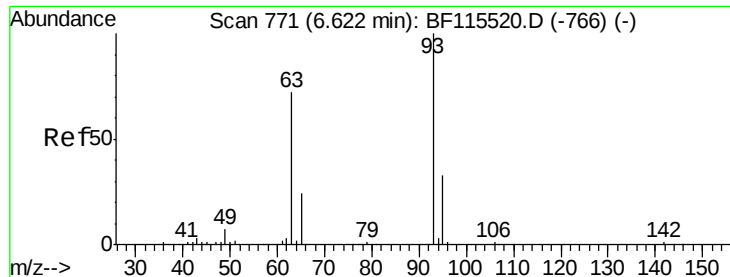


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 39.561 ng

RT: 6.60 min Scan# 768

Delta R.T. -0.02 min

Lab File: BF115741.D

Acq: 24 Jul 2019 9:24

Instrument :

BNA_F

ClientSampleId :

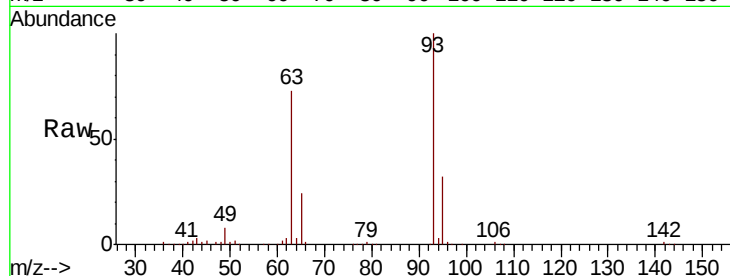
Tot Ion: 93 Resp: 385229

Ion Ratio Lower Upper

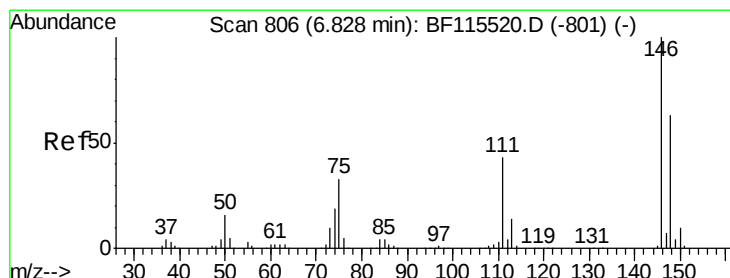
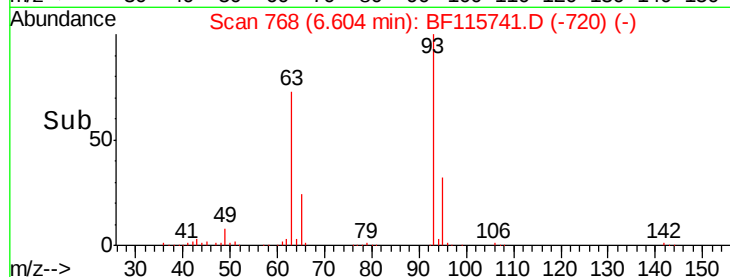
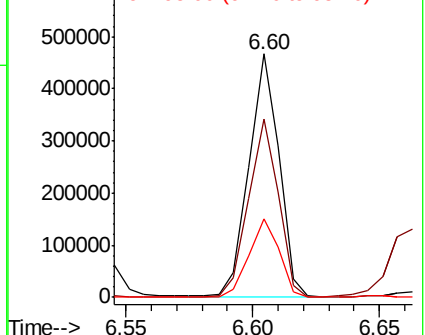
93 100

63 73.5 52.2 92.2

95 32.2 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: 38.616 ng

RT: 6.82 min Scan# 804

Delta R.T. -0.01 min

Lab File: BF115741.D

Acq: 24 Jul 2019 9:24

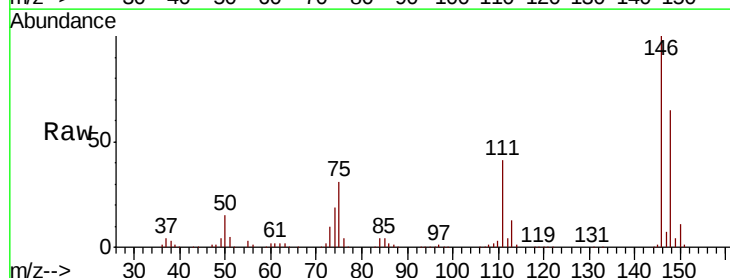
Tgt Ion: 146 Resp: 433429

Ion Ratio Lower Upper

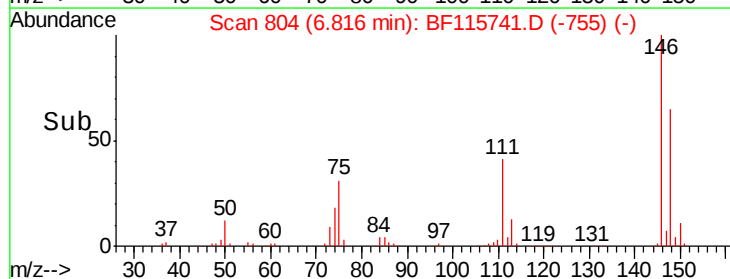
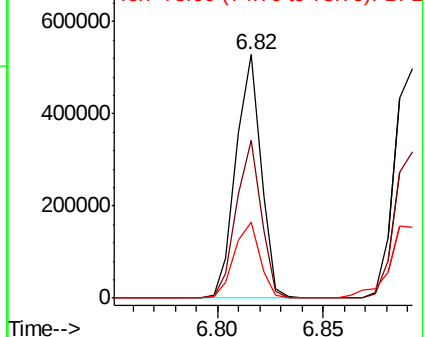
146 100

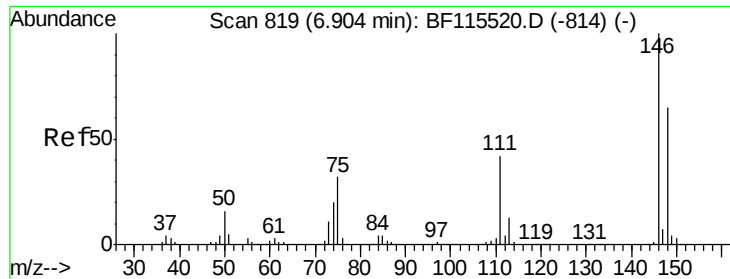
148 64.6 52.1 78.1

75 31.1 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

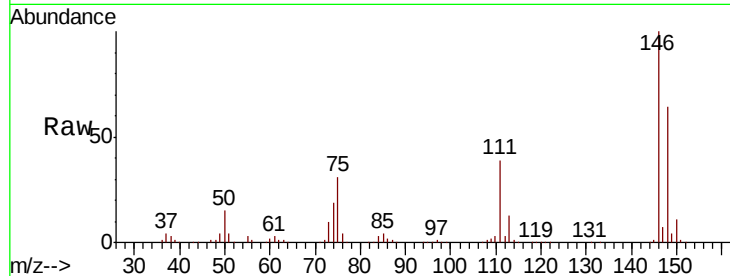




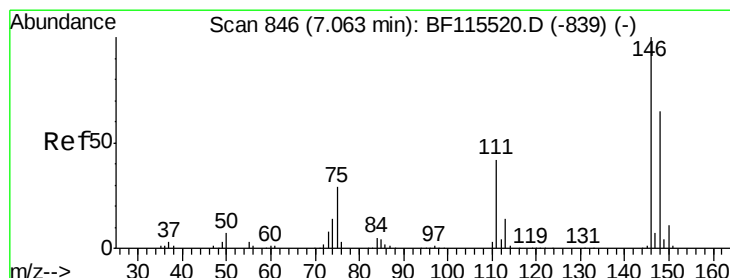
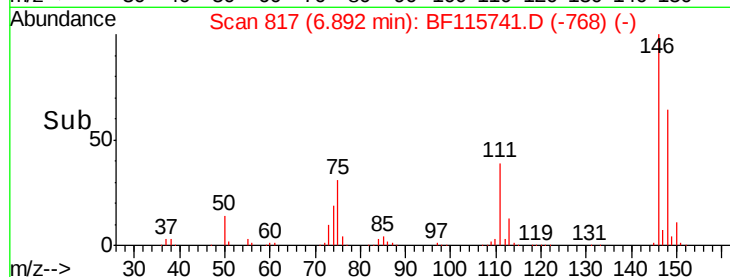
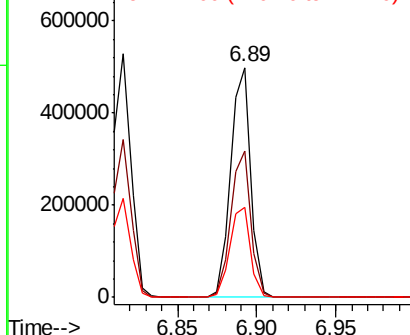
#13
 1,4-Dichlorobenzene
 Concen: 39.114 ng
 RT: 6.89 min Scan# 817
 Delta R.T. -0.01 min
 Lab File: BF115741.D
 Acq: 24 Jul 2019 9:24

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:146 Resp: 438031
 Ion Ratio Lower Upper
 146 100
 148 63.7 51.8 77.6
 111 39.3 35.5 53.3

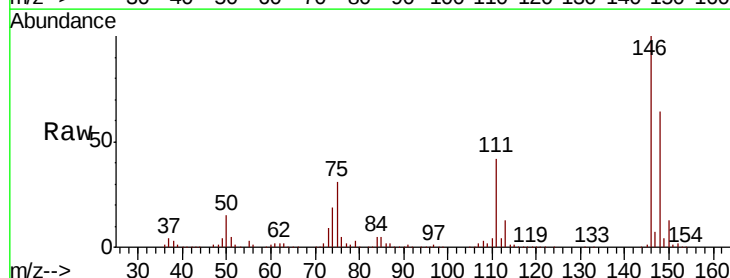


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

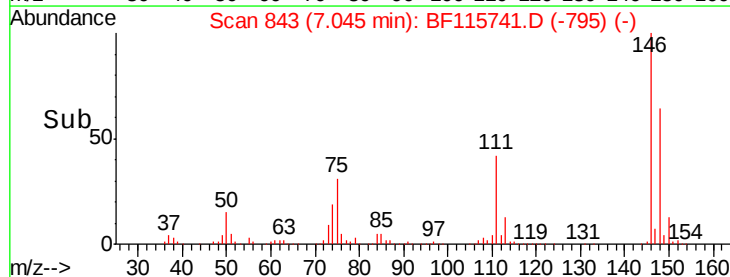
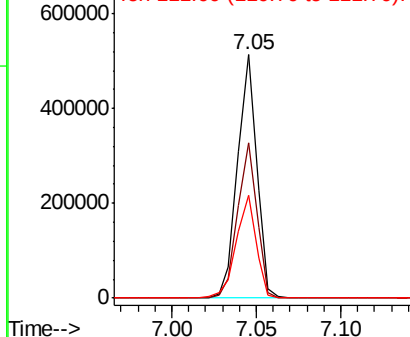


#14
 1,2-Dichlorobenzene
 Concen: 39.618 ng
 RT: 7.05 min Scan# 843
 Delta R.T. -0.02 min
 Lab File: BF115741.D
 Acq: 24 Jul 2019 9:24

Tgt Ion:146 Resp: 405580
 Ion Ratio Lower Upper
 146 100
 148 64.0 51.1 76.7
 111 42.5 37.6 56.4



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





#15

Benzyl Alcohol

Concen: 40.267 ng

RT: 7.02 min Scan# 838

Delta R.T. -0.01 min

Lab File: BF115741.D

Acq: 24 Jul 2019 9:24

Instrument :

BNA_F

ClientSampled :

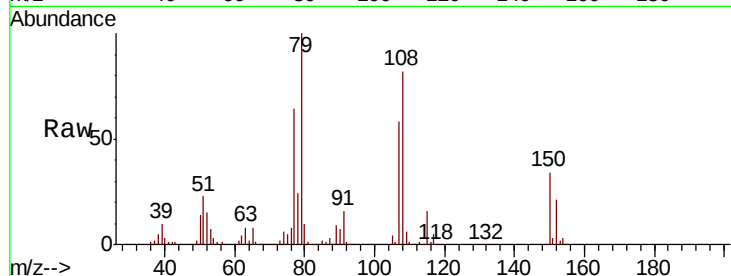
Tot Ion: 79 Resp: 351940

Ion Ratio Lower Upper

79 100

108 81.9 64.2 96.4

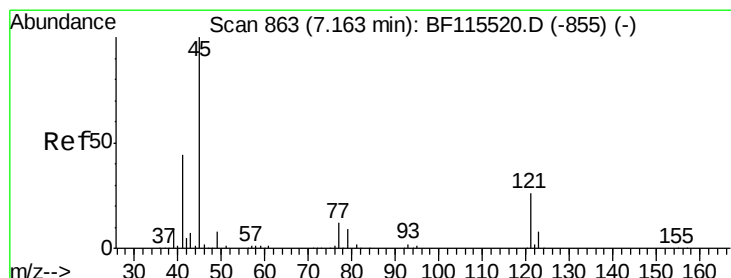
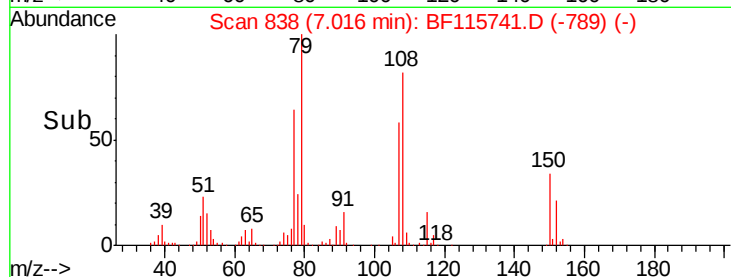
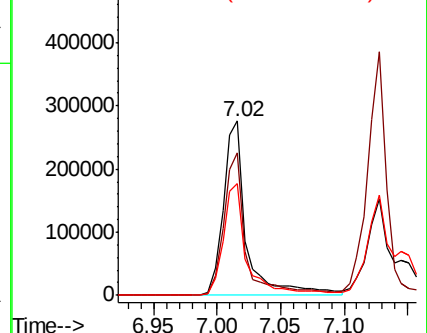
77 63.9 51.8 77.8



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1



#16

2,2'-oxybis(1-chloropropane)

Concen: 40.039 ng

RT: 7.15 min Scan# 860

Delta R.T. -0.02 min

Lab File: BF115741.D

Acq: 24 Jul 2019 9:24

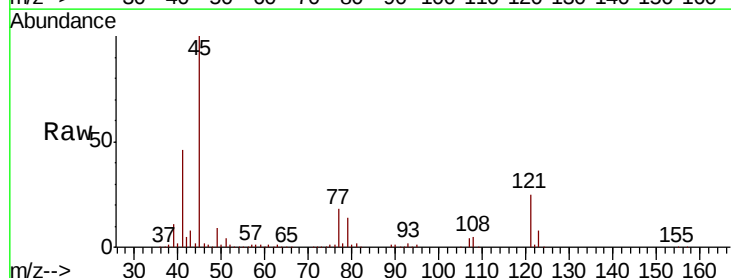
Tgt Ion: 45 Resp: 513296

Ion Ratio Lower Upper

45 100

77 17.5 0.0 38.1

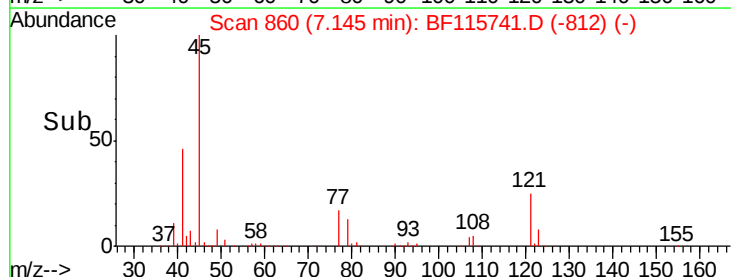
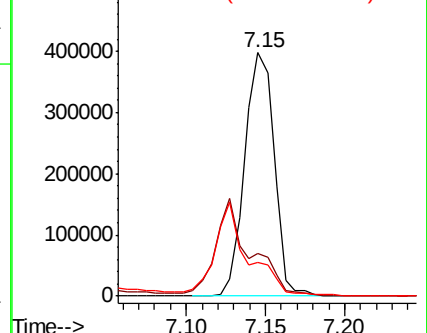
79 13.8 0.0 34.1

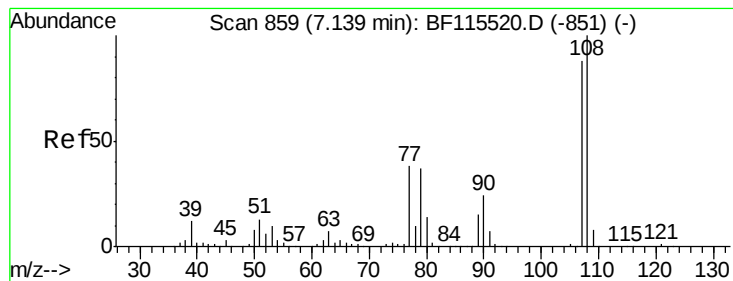


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1





#17

2-Methylphenol

Concen: 41.374 ng

RT: 7.13 min Scan# 857

Delta R.T. -0.01 min

Lab File: BF115741.D

Acq: 24 Jul 2019 9:24

Instrument :

BNA_F

ClientSampleId :

Tot Ion:107 Resp: 355952

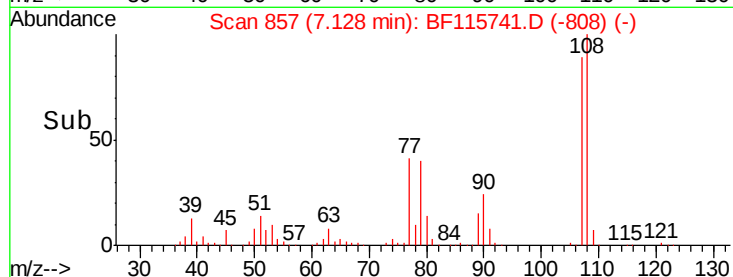
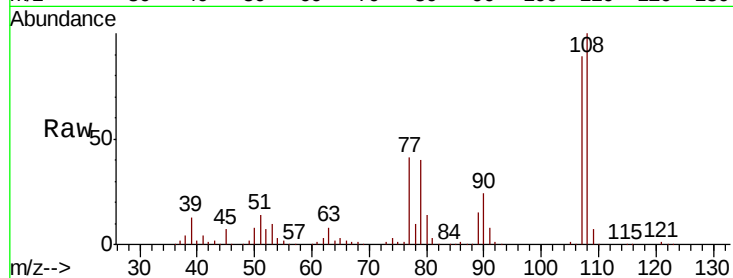
Ion Ratio Lower Upper

107 100

108 112.7 89.4 134.2

77 46.6 35.7 53.5

79 44.9 35.0 52.4

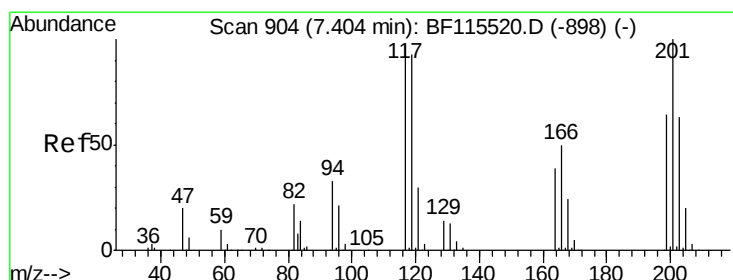
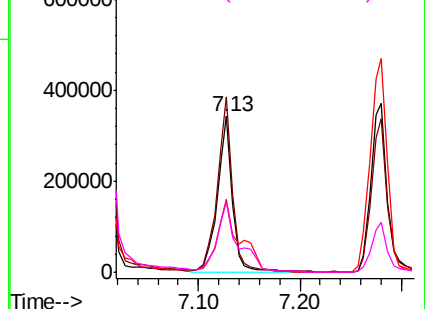


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18

Hexachloroethane

Concen: 38.336 ng

RT: 7.39 min Scan# 901

Delta R.T. -0.02 min

Lab File: BF115741.D

Acq: 24 Jul 2019 9:24

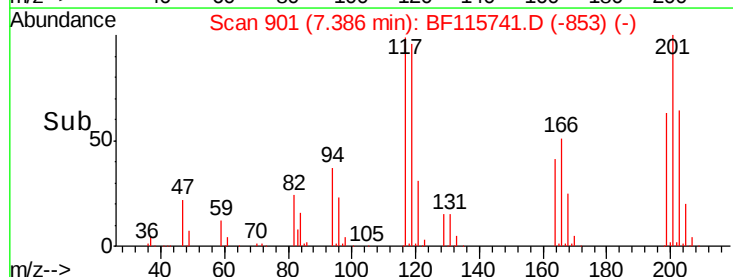
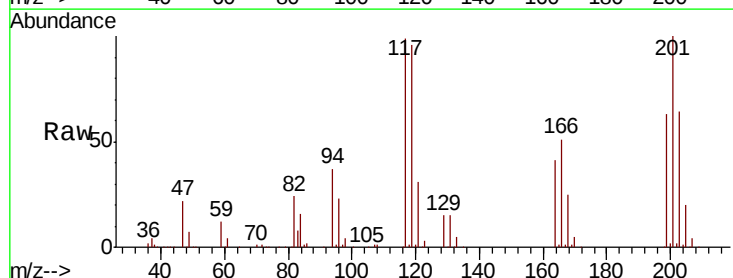
Tgt Ion:117 Resp: 159348

Ion Ratio Lower Upper

117 100

119 96.8 77.7 116.5

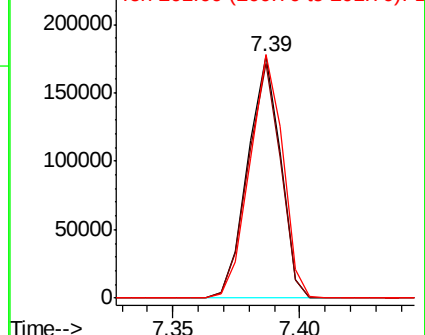
201 100.5 86.0 129.0

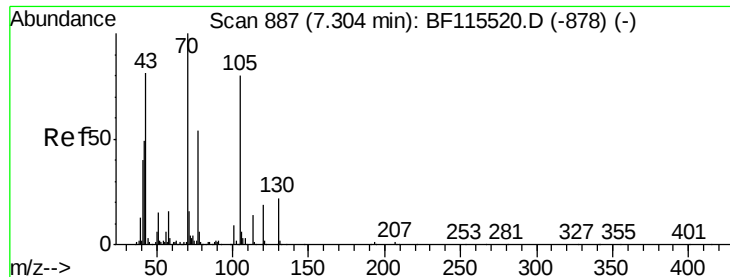


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

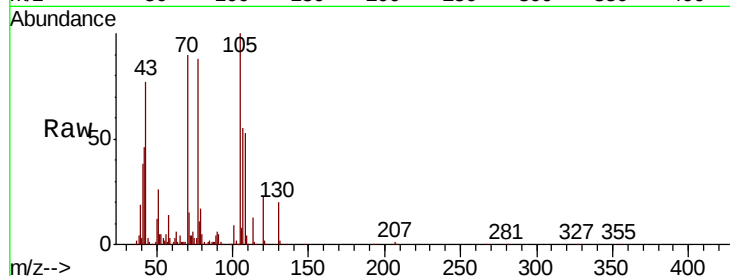




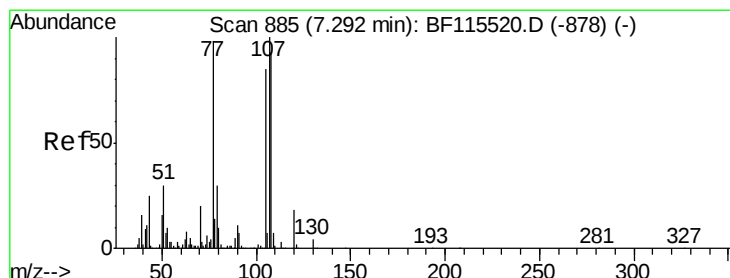
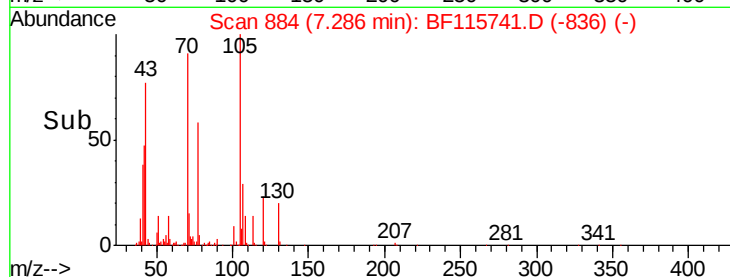
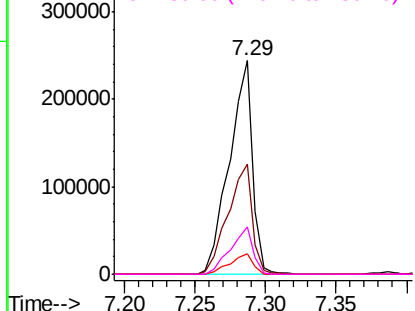
#19
n-Nitroso-di-n-propylamine
Concen: 38.731 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.02 min
Lab File: BF115741.D
Acq: 24 Jul 2019 9:24

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	70	Resp:	278308
Ion	Ratio	Lower	Upper
70	100		
42	51.8	39.6	59.4
101	9.5	8.1	12.1
130	22.5	18.2	27.2

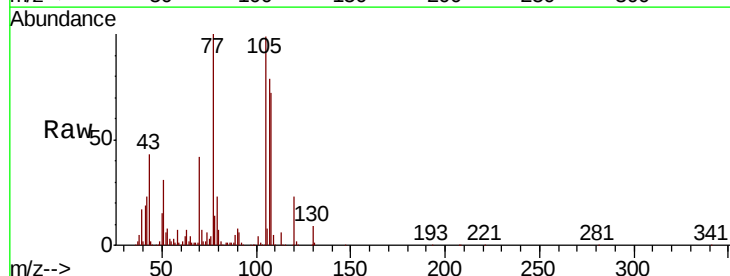


Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

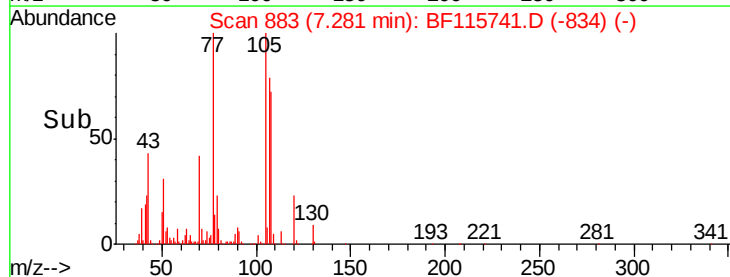
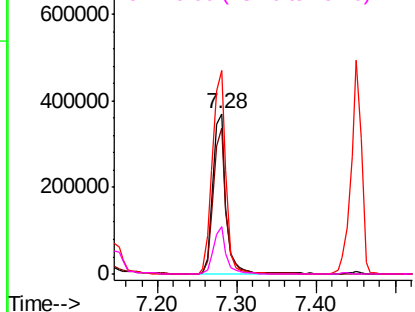


#20
3+4-Methylphenols
Concen: 40.893 ng
RT: 7.28 min Scan# 883
Delta R.T. -0.01 min
Lab File: BF115741.D
Acq: 24 Jul 2019 9:24

Tgt Ion:	107	Resp:	417881
Ion	Ratio	Lower	Upper
107	100		
108	91.4	72.9	112.9
77	126.8	77.6	117.6#
79	29.7	10.5	50.5



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





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.16 min Scan# 1032

Delta R.T. -0.01 min

Lab File: BF115741.D

Acq: 24 Jul 2019 9:24

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 568379

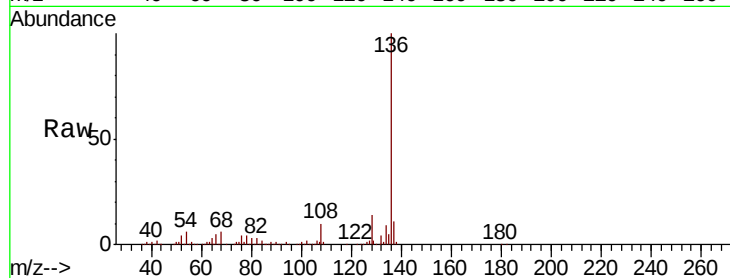
Ion Ratio Lower Upper

136 100

137 11.0 9.0 13.4

54 6.3 5.6 8.4

68 5.9 5.0 7.6

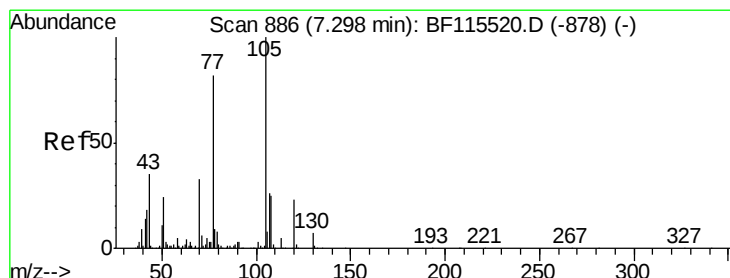
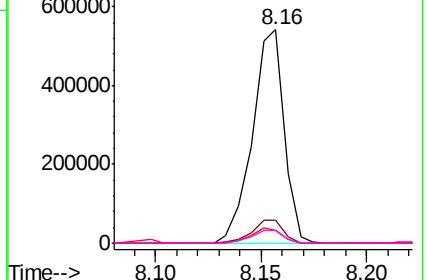
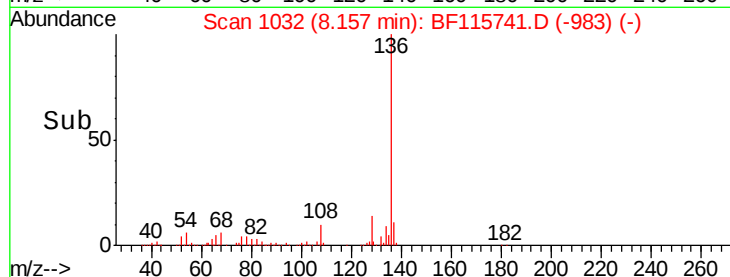


Abundance Ion 136.00 (135.70 to 136.70): E

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: 42.921 ng

RT: 7.28 min Scan# 883

Delta R.T. -0.02 min

Lab File: BF115741.D

Acq: 24 Jul 2019 9:24

Tgt Ion:105 Resp: 551129

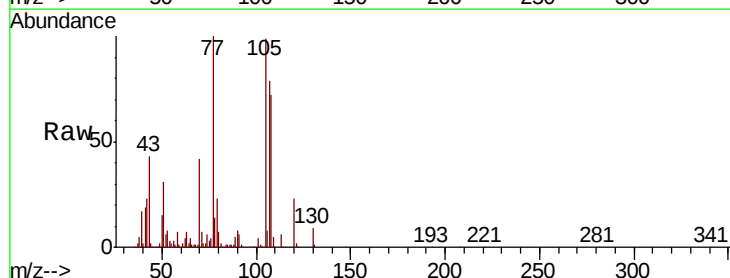
Ion Ratio Lower Upper

105 100

71 7.3 3.5 5.3#

51 31.1 25.6 38.4

120 22.8 17.9 26.9

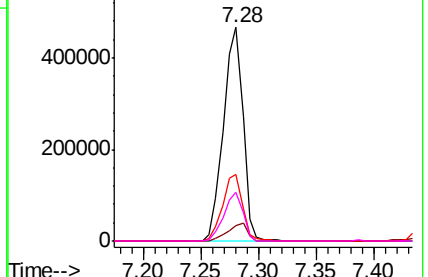
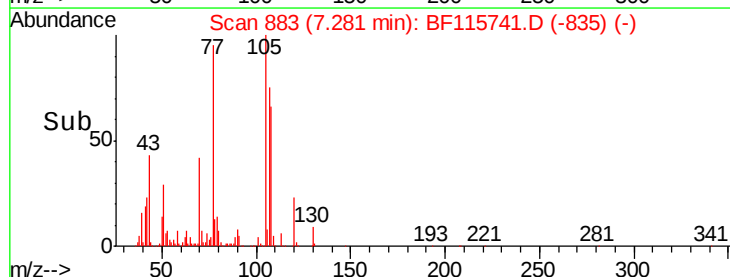


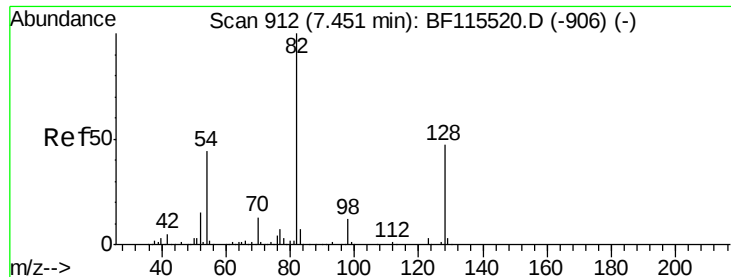
Abundance Ion 105.00 (104.70 to 105.70): E

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

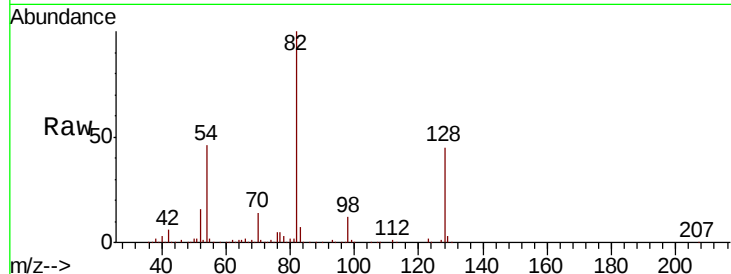




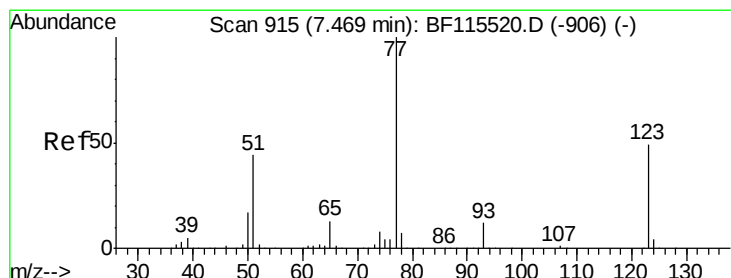
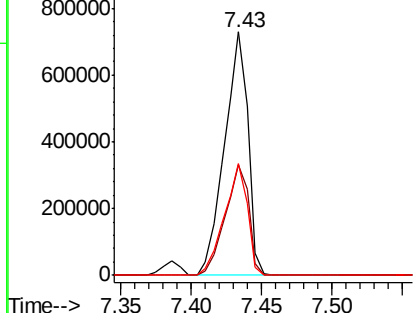
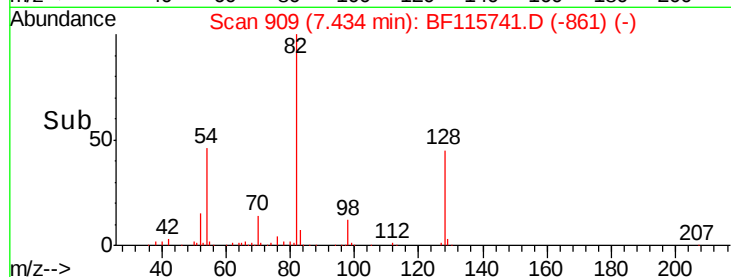
#23
Nitrobenzene-d5
Concen: 85.536 ng
RT: 7.43 min Scan# 909
Delta R.T. -0.02 min
Lab File: BF115741.D
Acq: 24 Jul 2019 9:24

Instrument :
BNA_F
ClientSampled :

Tot Ion	82	Resp	836110
Ion Ratio	Lower	Upper	
82	100		
128	45.5	38.6	57.8
54	45.7	35.6	53.4

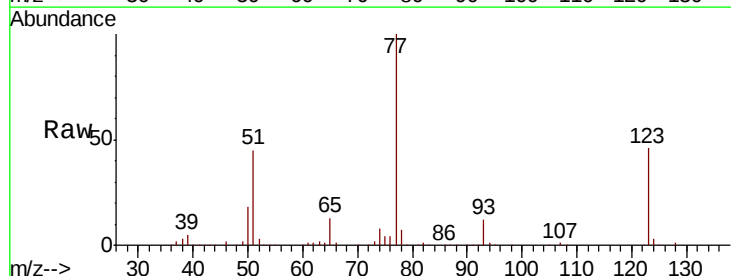


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

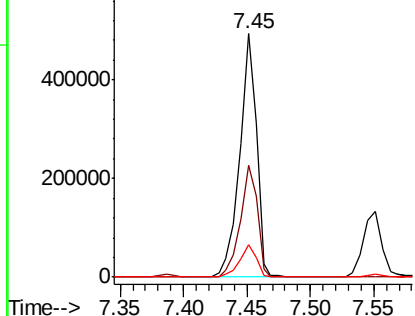
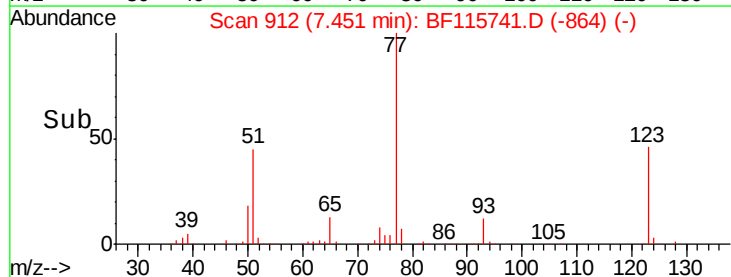


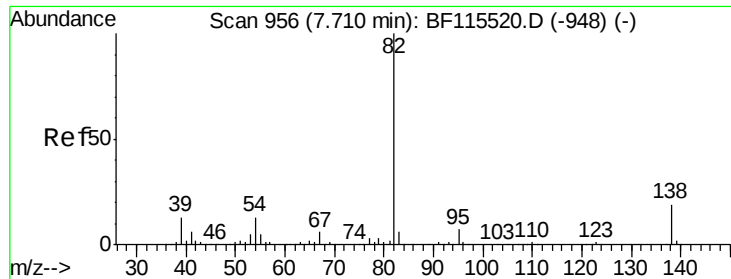
#24
Nitrobenzene
Concen: 42.287 ng
RT: 7.45 min Scan# 912
Delta R.T. -0.02 min
Lab File: BF115741.D
Acq: 24 Jul 2019 9:24

Tgt Ion	77	Resp	445832
Ion Ratio	Lower	Upper	
77	100		
123	45.8	40.0	60.0
65	13.3	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: 41.412 ng

RT: 7.69 min Scan# 953

Delta R.T. -0.02 min

Lab File: BF115741.D

Acq: 24 Jul 2019 9:24

Instrument :

BNA_F

ClientSampleId :

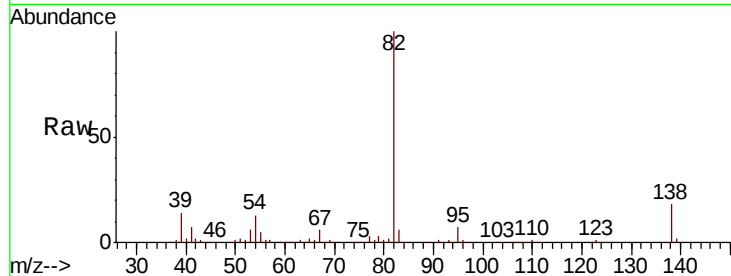
Tot Ion: 82 Resp: 810011

Ion Ratio Lower Upper

82 100

95 6.7 5.5 8.3

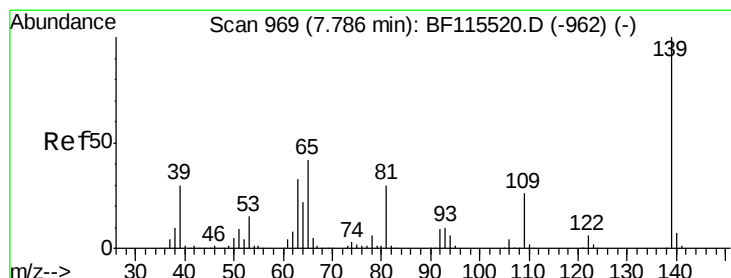
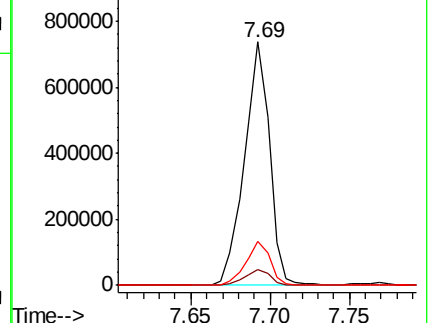
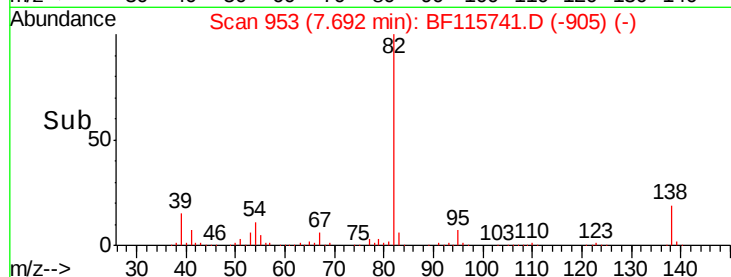
138 17.9 14.9 22.3



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 41.511 ng

RT: 7.77 min Scan# 966

Delta R.T. -0.02 min

Lab File: BF115741.D

Acq: 24 Jul 2019 9:24

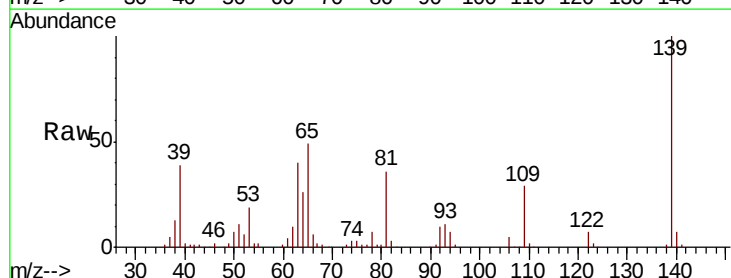
Tgt Ion: 139 Resp: 225270

Ion Ratio Lower Upper

139 100

109 28.9 23.3 34.9

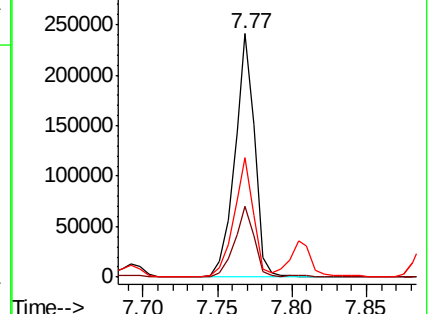
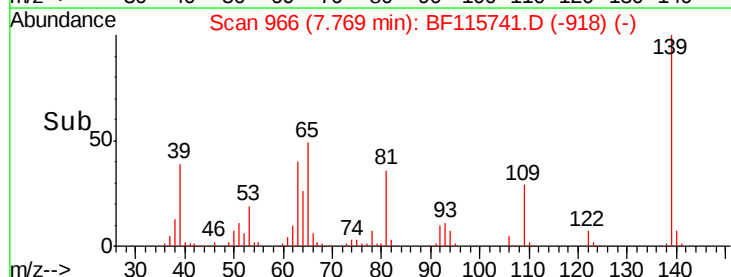
65 49.2 37.9 56.9



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

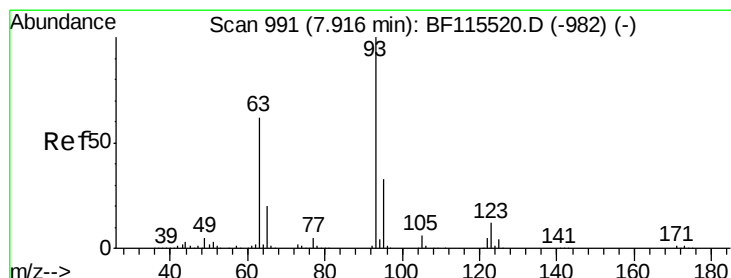
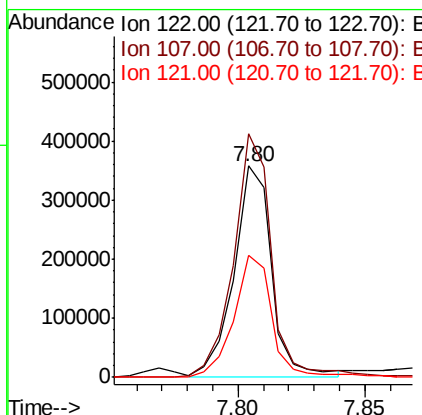
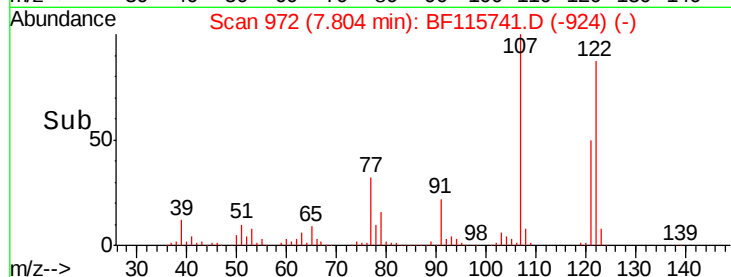
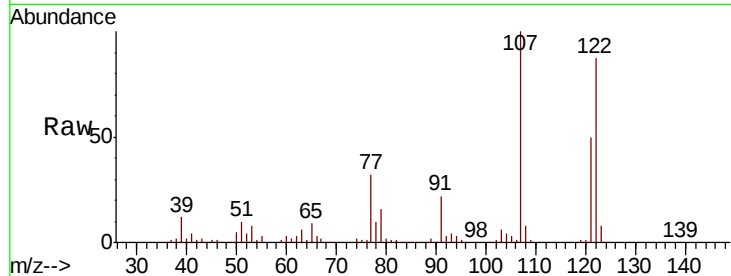




#27
2,4-Dimethylphenol
Concen: 45.663 ng
RT: 7.80 min Scan# 972
Delta R.T. -0.02 min
Lab File: BF115741.D
Acq: 24 Jul 2019 9:24

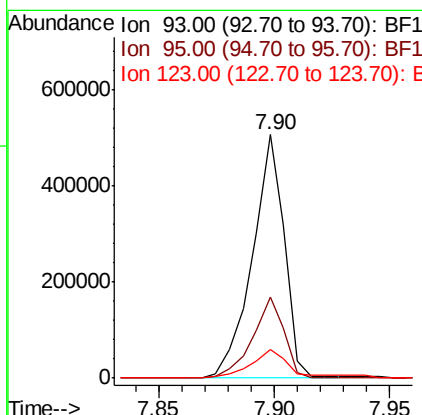
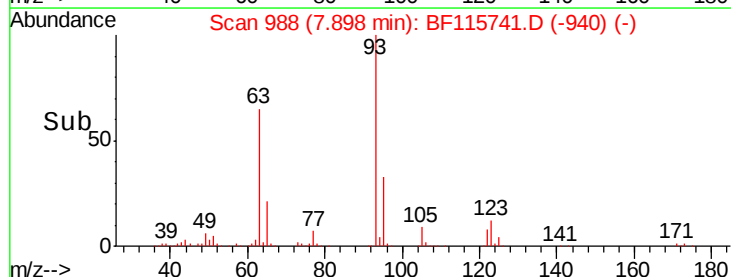
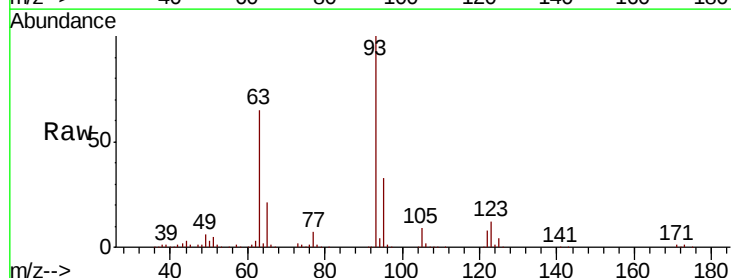
Instrument :
BNA_F
ClientSampleId :

Tot Ion:122 Resp: 370768
Ion Ratio Lower Upper
122 100
107 115.4 92.9 139.3
121 57.8 46.9 70.3



#28
bis(2-Chloroethoxy)methane
Concen: 40.841 ng
RT: 7.90 min Scan# 988
Delta R.T. -0.02 min
Lab File: BF115741.D
Acq: 24 Jul 2019 9:24

Tgt Ion: 93 Resp: 490073
Ion Ratio Lower Upper
93 100
95 33.0 27.0 40.4
123 11.9 9.9 14.9

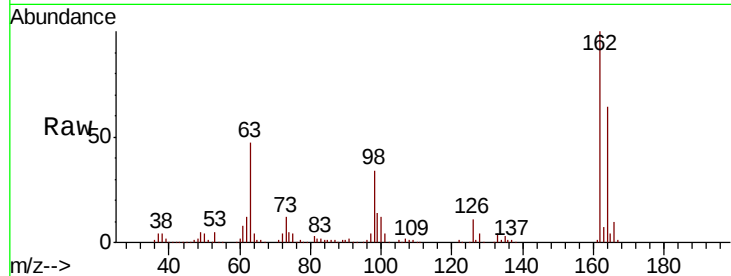




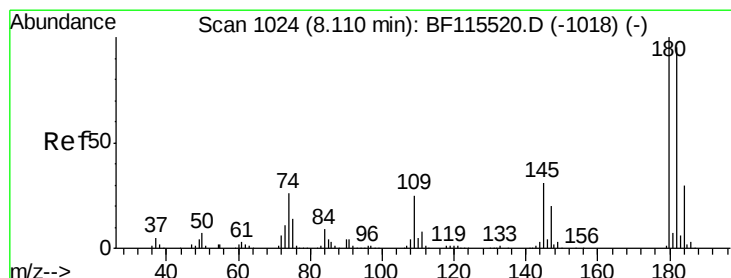
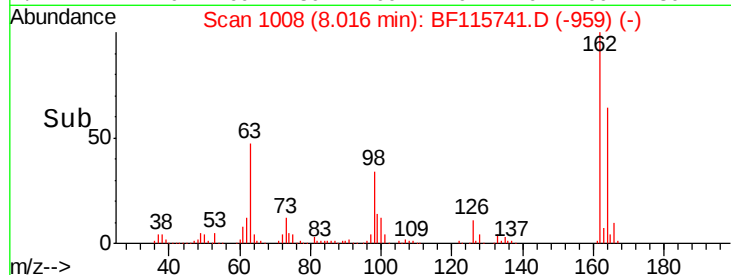
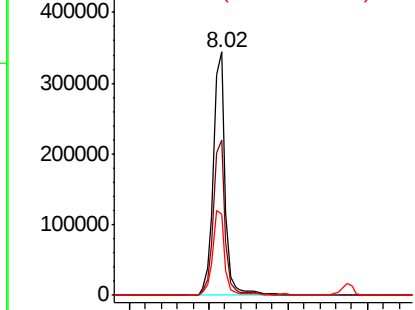
#29
 2,4-Dichlorophenol
 Concen: 42.539 ng
 RT: 8.02 min Scan# 1008
 Delta R.T. -0.01 min
 Lab File: BF115741.D
 Acq: 24 Jul 2019 9:24

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.0	44.9	84.9
98	33.5	17.7	57.7

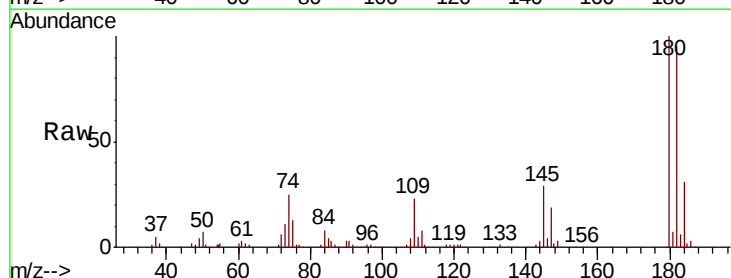


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

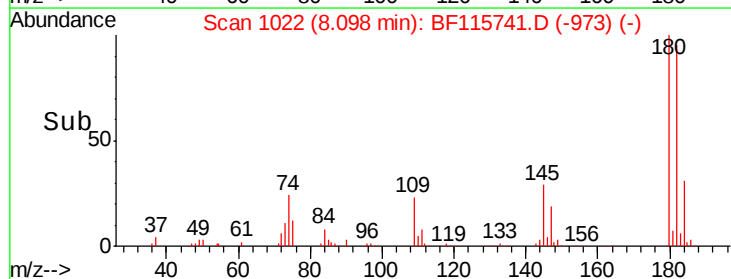
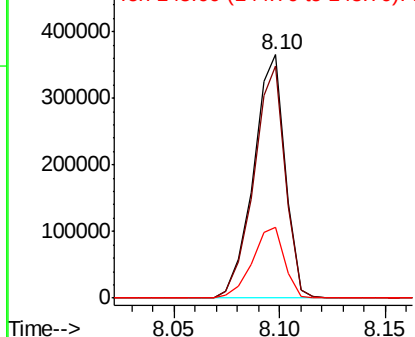


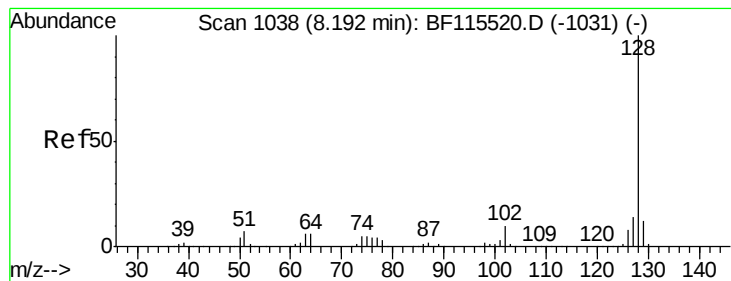
#30
 1,2,4-Trichlorobenzene
 Concen: 39.824 ng
 RT: 8.10 min Scan# 1022
 Delta R.T. -0.01 min
 Lab File: BF115741.D
 Acq: 24 Jul 2019 9:24

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.2	75.0	112.6
145	28.9	25.1	37.7



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





#31

Naphthalene

Concen: 42.622 ng

RT: 8.17 min Scan# 1035

Delta R.T. -0.02 min

Lab File: BF115741.D

Acq: 24 Jul 2019 9:24

Instrument :

BNA_F

ClientSampleId :

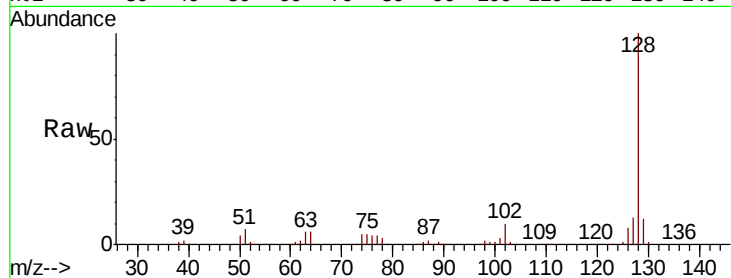
Tot Ion:128 Resp: 1173233

Ion Ratio Lower Upper

128 100

129 11.6 9.9 14.9

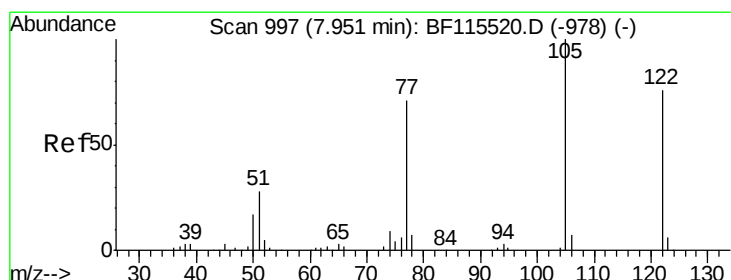
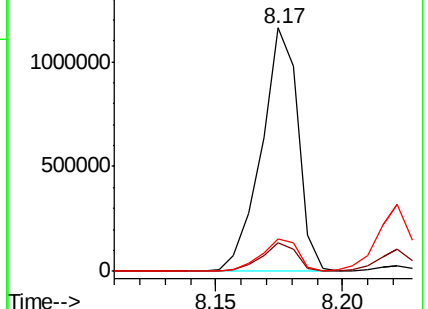
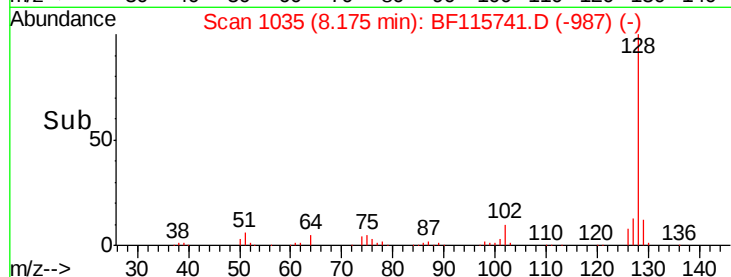
127 13.5 12.1 18.1



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: 37.496 ng

RT: 7.94 min Scan# 995

Delta R.T. -0.01 min

Lab File: BF115741.D

Acq: 24 Jul 2019 9:24

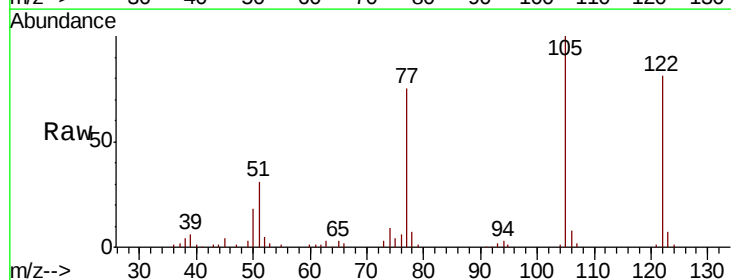
Tgt Ion:122 Resp: 249858

Ion Ratio Lower Upper

122 100

105 124.1 102.5 142.5

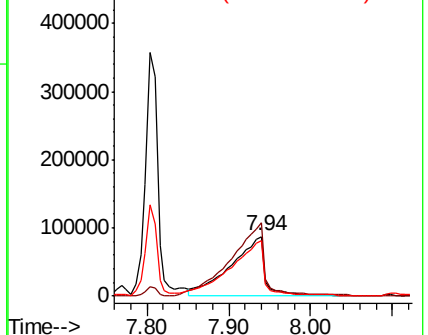
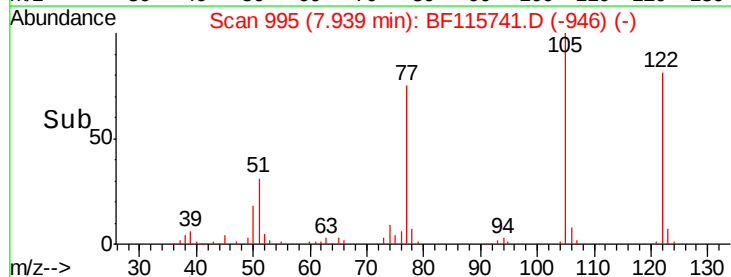
77 93.5 70.2 110.2



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

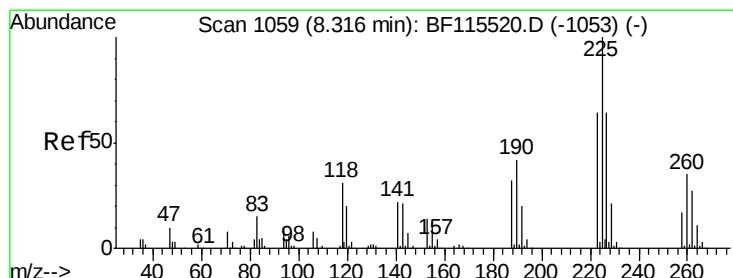
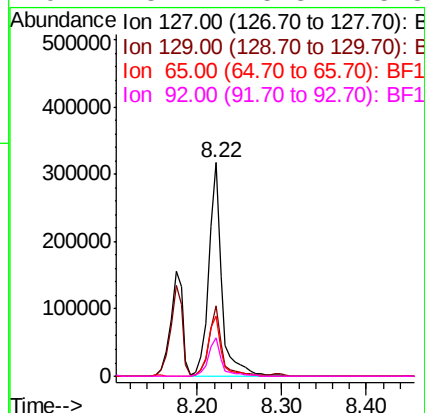
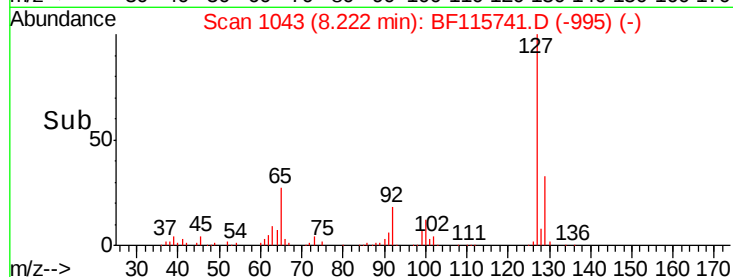
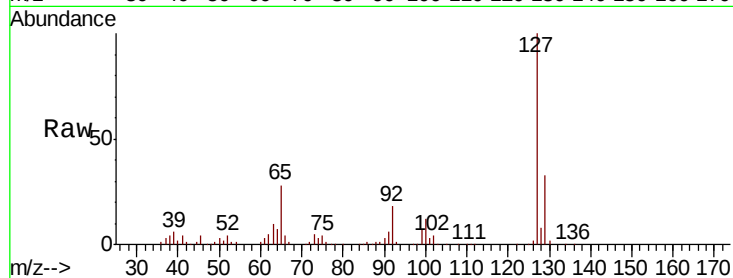




#33
4-Chloroaniline
Concen: 27.638 ng
RT: 8.22 min Scan# 1043
Delta R.T. -0.02 min
Lab File: BF115741.D
Acq: 24 Jul 2019 9:24

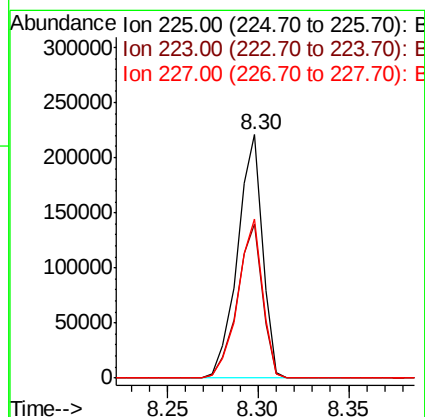
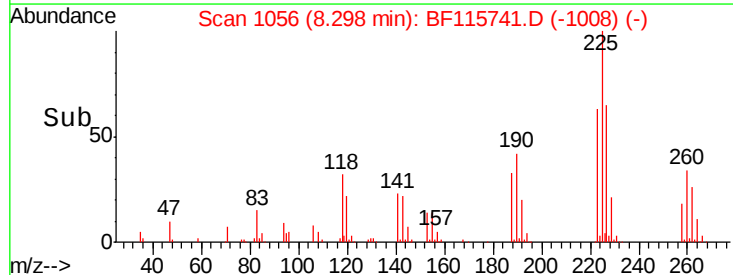
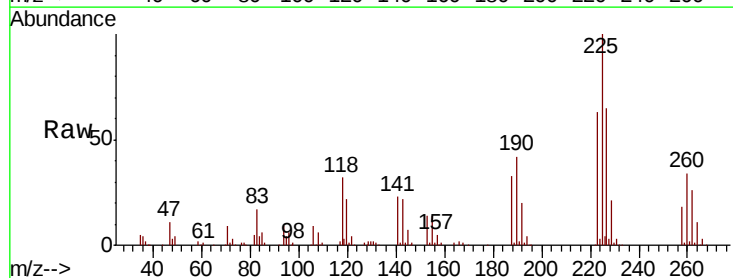
Instrument :
BNA_F
ClientSampleId :

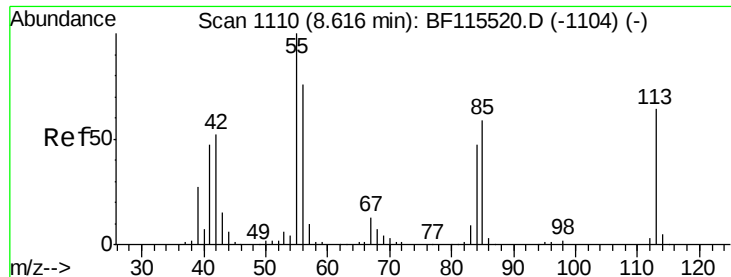
Tot Ion:	127	Resp:	336986
Ion	Ratio	Lower	Upper
127	100		
129	33.2	26.6	39.8
65	28.2	23.7	35.5
92	18.2	15.8	23.8



#34
Hexachlorobutadiene
Concen: 38.715 ng
RT: 8.30 min Scan# 1056
Delta R.T. -0.02 min
Lab File: BF115741.D
Acq: 24 Jul 2019 9:24

Tgt Ion:	225	Resp:	211919
Ion	Ratio	Lower	Upper
225	100		
223	63.2	50.9	76.3
227	65.4	50.7	76.1

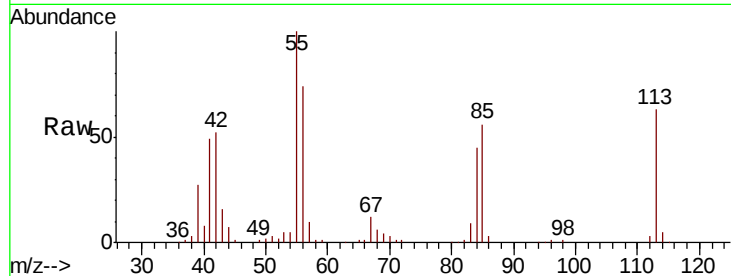




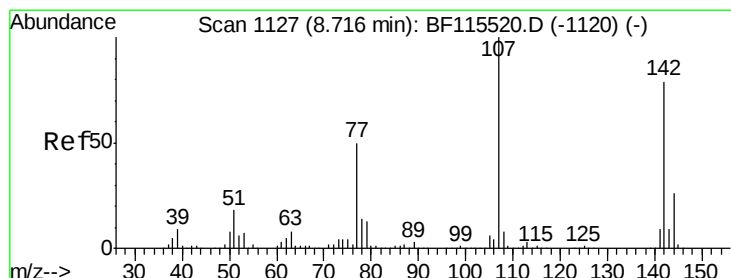
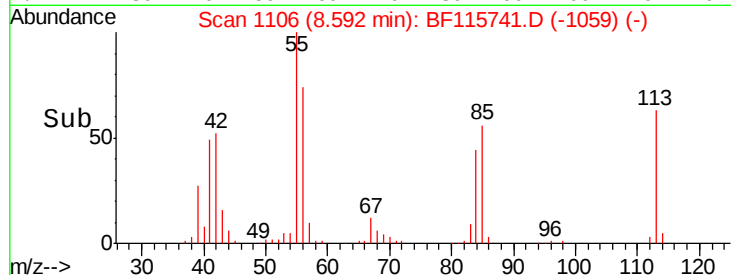
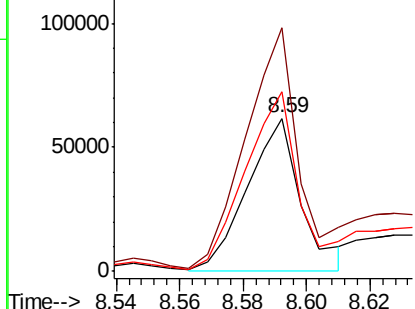
#35
Caprolactam
Concen: 27.617 ng
RT: 8.59 min Scan# 1106
Delta R.T. -0.02 min
Lab File: BF115741.D
Acq: 24 Jul 2019 9:24

Instrument :
BNA_F
ClientSampled :

Tot Ion:113 Resp: 72064
Ion Ratio Lower Upper
113 100
55 158.7 126.9 166.9
56 116.7 90.3 130.3

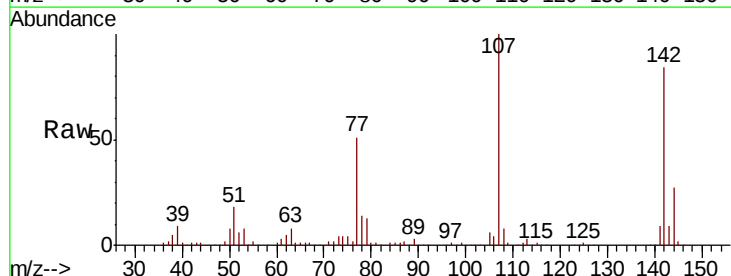


Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF1
Ion 56.00 (55.70 to 56.70): BF1

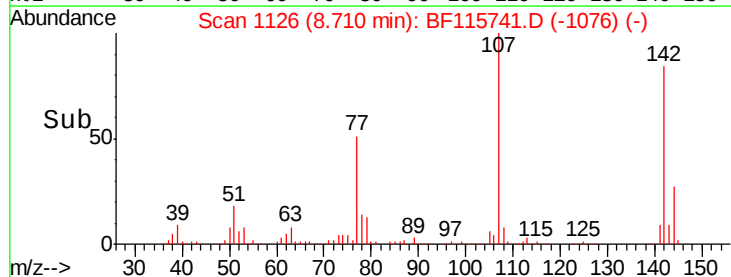
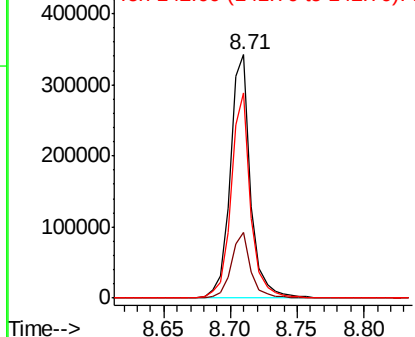


#36
4-Chloro-3-methylphenol
Concen: 41.993 ng
RT: 8.71 min Scan# 1126
Delta R.T. -0.01 min
Lab File: BF115741.D
Acq: 24 Jul 2019 9:24

Tgt Ion:107 Resp: 367832
Ion Ratio Lower Upper
107 100
144 26.9 20.6 30.8
142 84.3 63.1 94.7



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

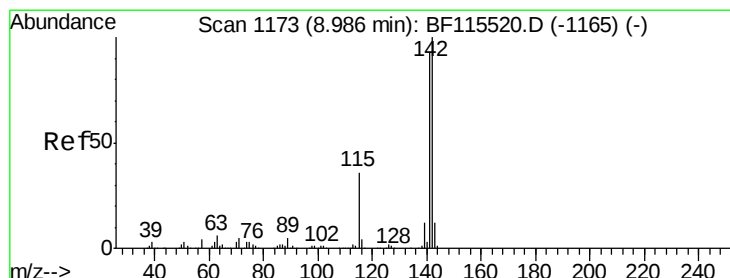
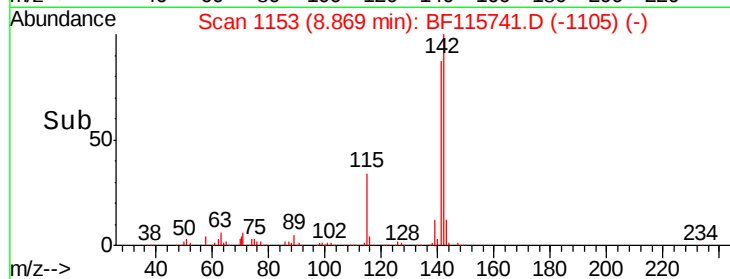
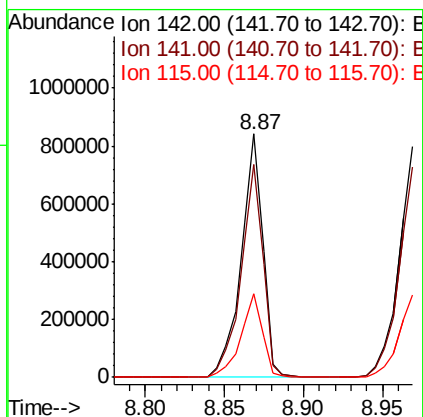
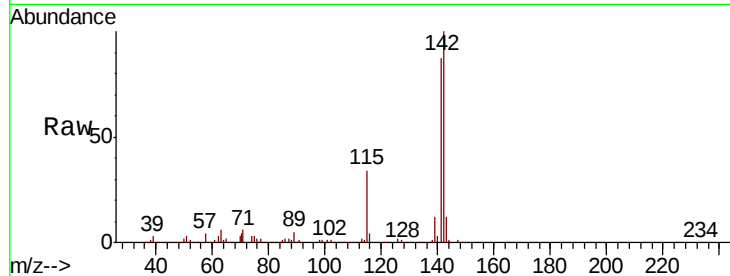




#37
 2-Methylnaphthalene
 Concen: 43.655 ng
 RT: 8.87 min Scan# 1153
 Delta R.T. -0.02 min
 Lab File: BF115741.D
 Acq: 24 Jul 2019 9:24

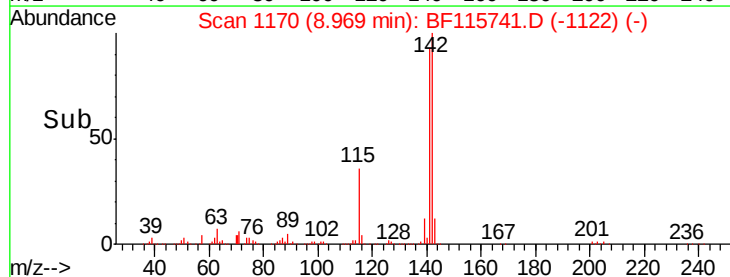
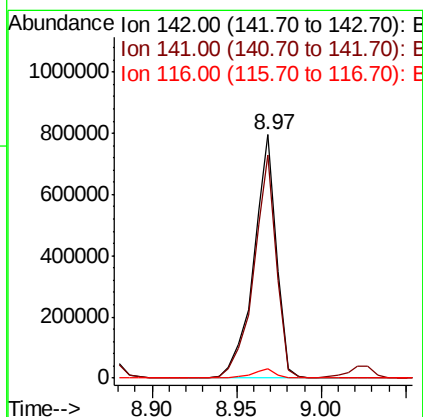
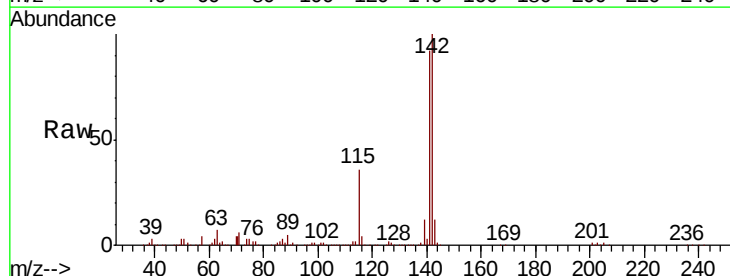
Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
142	100		
141	87.2	72.0	108.0
115	34.2	29.9	44.9



#38
 1-Methylnaphthalene
 Concen: 42.759 ng
 RT: 8.97 min Scan# 1170
 Delta R.T. -0.02 min
 Lab File: BF115741.D
 Acq: 24 Jul 2019 9:24

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.6	75.3	112.9
116	3.8	3.3	4.9

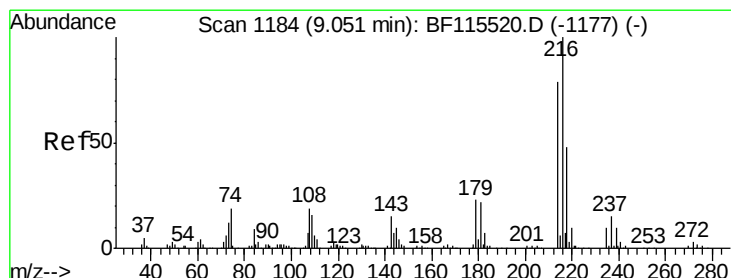
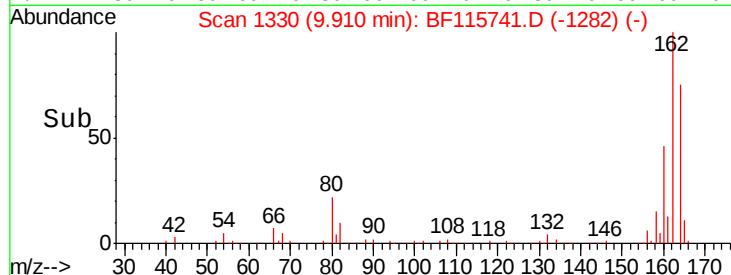
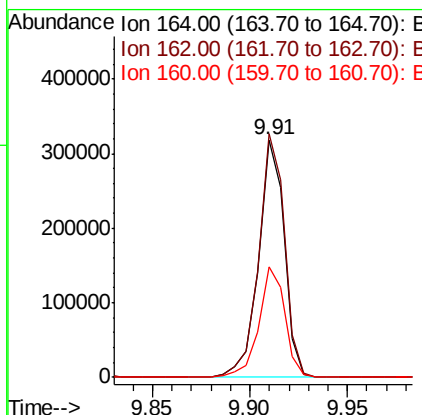
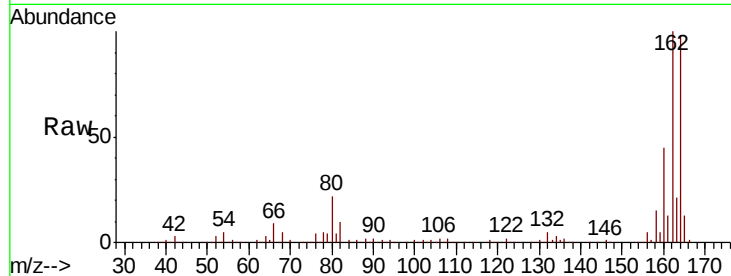




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.91 min Scan# 1330
Delta R.T. -0.02 min
Lab File: BF115741.D
Acq: 24 Jul 2019 9:24

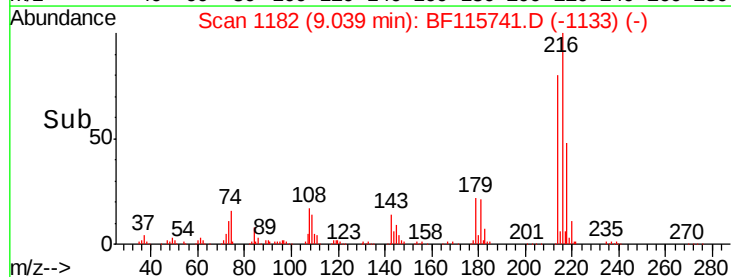
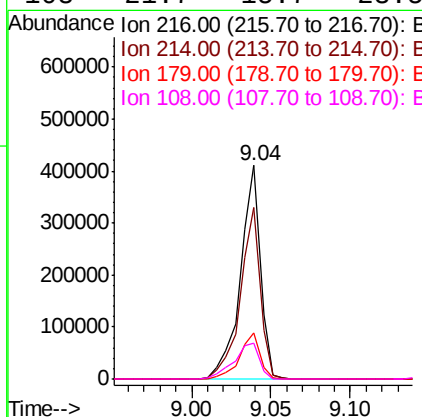
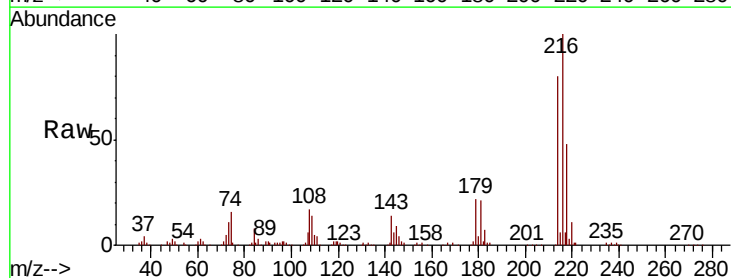
Instrument :
BNA_F
ClientSampleId :

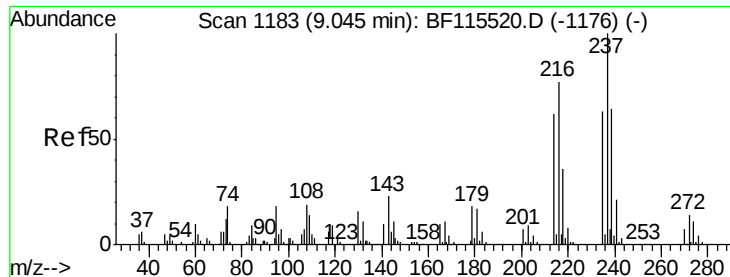
Tot Ion:164 Resp: 290656
Ion Ratio Lower Upper
164 100
162 102.4 82.9 124.3
160 46.2 36.8 55.2



#40
1,2,4,5-Tetrachlorobenzene
Concen: 41.126 ng
RT: 9.04 min Scan# 1182
Delta R.T. -0.01 min
Lab File: BF115741.D
Acq: 24 Jul 2019 9:24

Tgt Ion:216 Resp: 359963
Ion Ratio Lower Upper
216 100
214 80.0 65.1 97.7
179 21.8 18.3 27.5
108 21.7 15.7 23.5





#41

Hexachlorocyclopentadiene

Concen: 62.135 ng

RT: 9.03 min Scan# 1180

Delta R.T. -0.02 min

Lab File: BF115741.D

Acq: 24 Jul 2019 9:24

Instrument :

BNA_F

ClientSampleId :

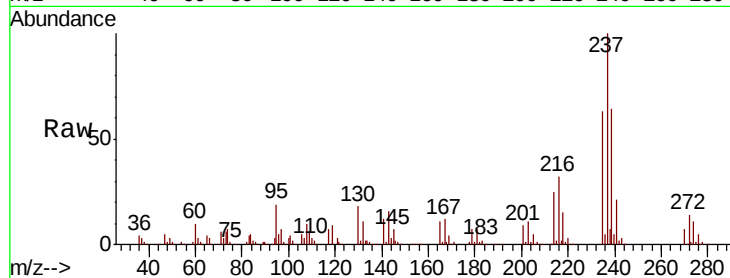
Tot Ion:237 Resp: 310230

Ion Ratio Lower Upper

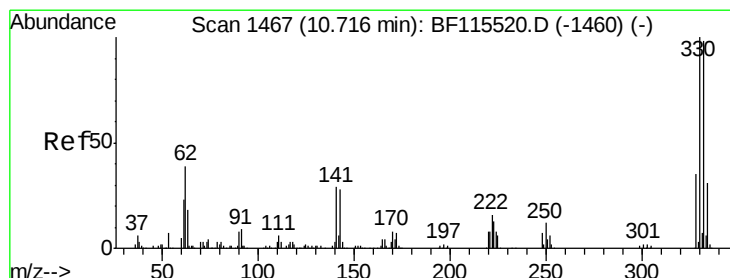
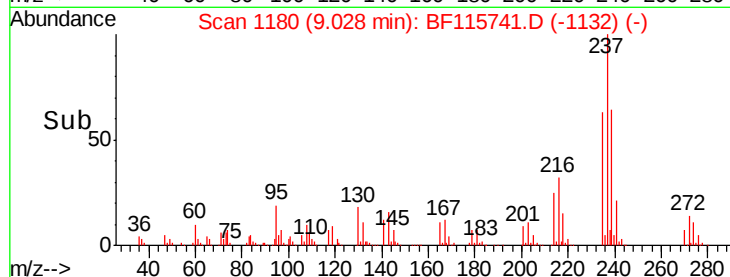
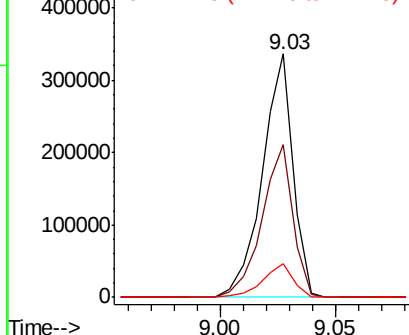
237 100

235 62.5 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: 79.794 ng

RT: 10.70 min Scan# 1465

Delta R.T. -0.01 min

Lab File: BF115741.D

Acq: 24 Jul 2019 9:24

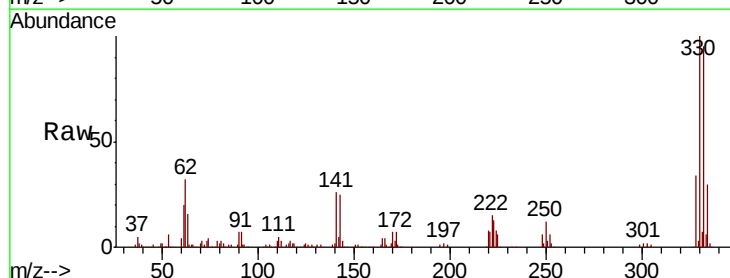
Tgt Ion:330 Resp: 270714

Ion Ratio Lower Upper

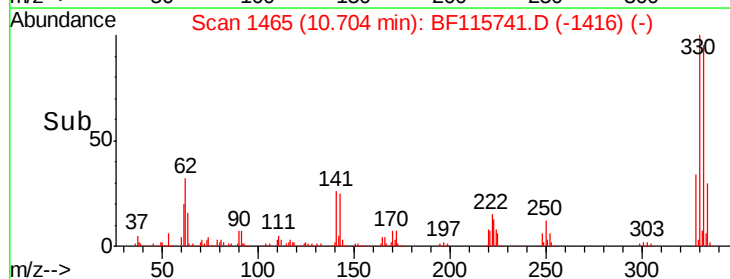
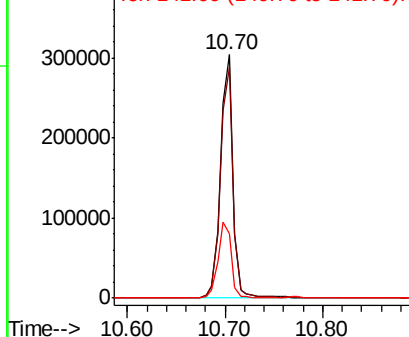
330 100

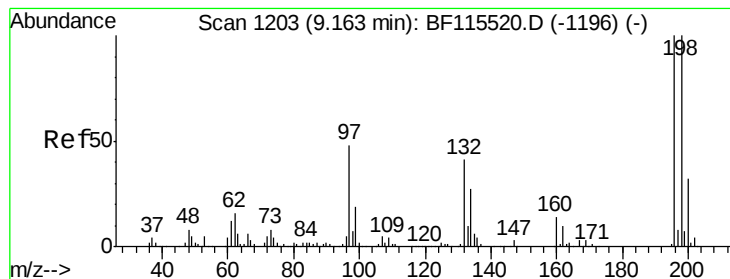
332 96.2 77.4 116.2

141 33.0 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: 39.051 ng

RT: 9.15 min Scan# 1200

Delta R.T. -0.02 min

Lab File: BF115741.D

Acq: 24 Jul 2019 9:24

Instrument :
BNA_F
ClientSampled :

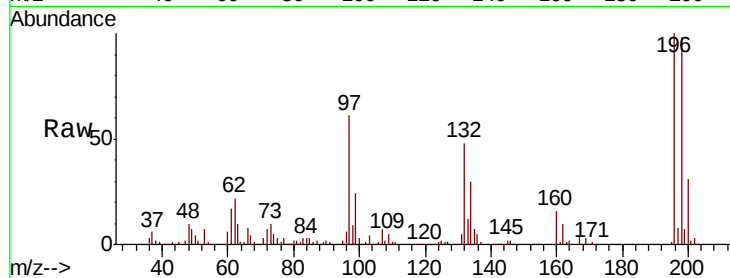
Tot Ion:196 Resp: 249956

Ion Ratio Lower Upper

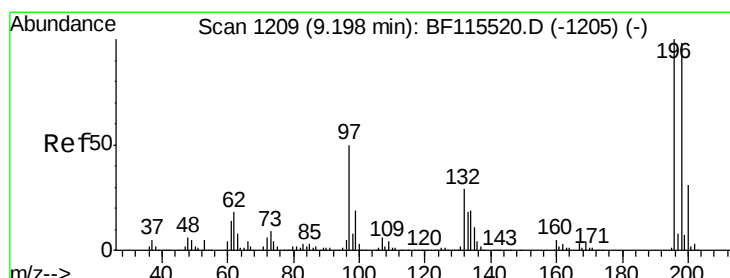
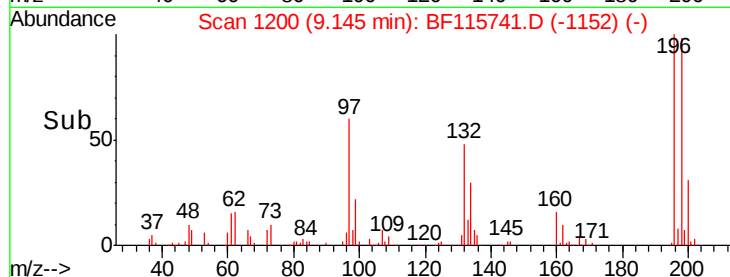
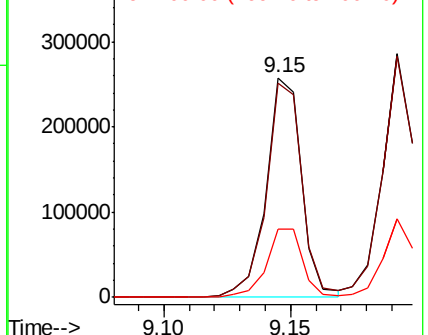
196 100

198 97.6 80.6 121.0

200 30.8 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: 40.449 ng

RT: 9.19 min Scan# 1208

Delta R.T. -0.01 min

Lab File: BF115741.D

Acq: 24 Jul 2019 9:24

Tgt Ion:196 Resp: 265148

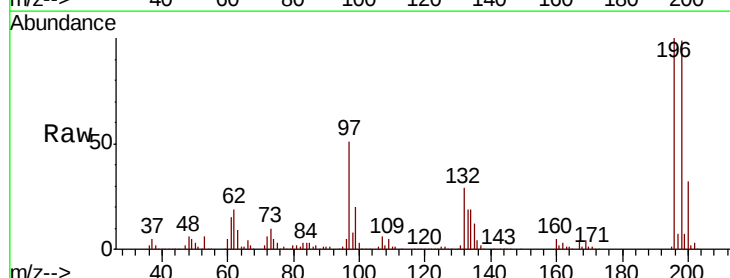
Ion Ratio Lower Upper

196 100

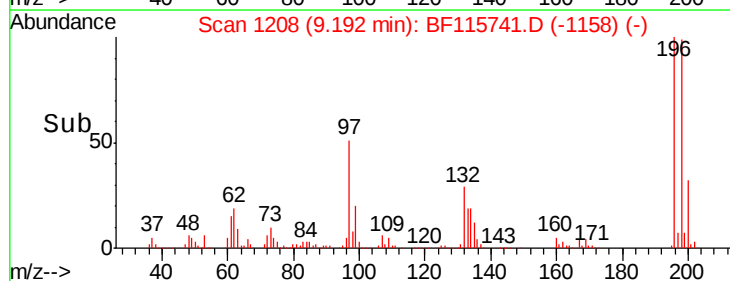
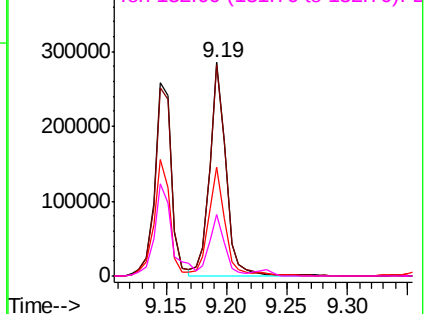
198 99.0 79.6 119.4

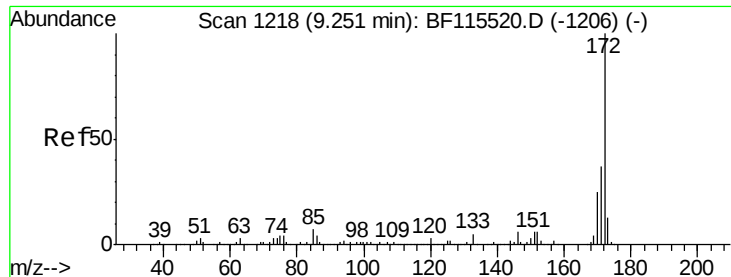
97 51.0 37.8 56.6

132 29.0 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

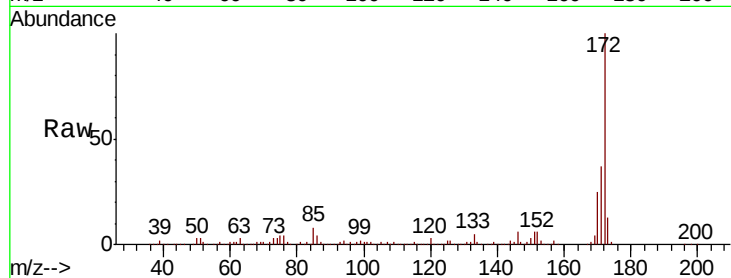




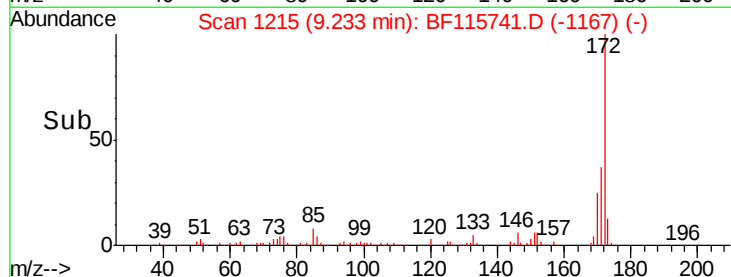
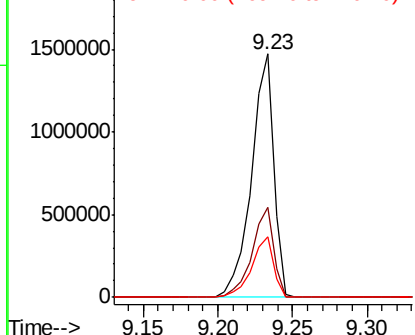
#45
 2-Fluorobiphenyl
 Concen: 90.995 ng
 RT: 9.23 min Scan# 1215
 Delta R.T. -0.02 min
 Lab File: BF115741.D
 Acq: 24 Jul 2019 9:24

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 1511091
 Ion Ratio Lower Upper
 172 100
 171 36.8 30.6 46.0
 170 24.8 20.5 30.7

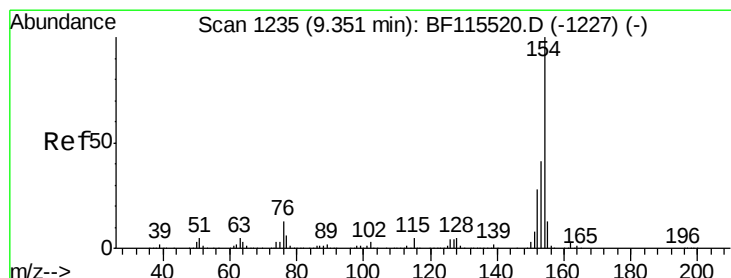


Abundance Ion 172.00 (171.70 to 172.70): E
 2000000 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

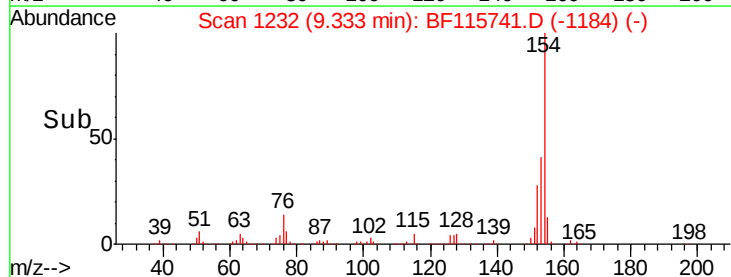
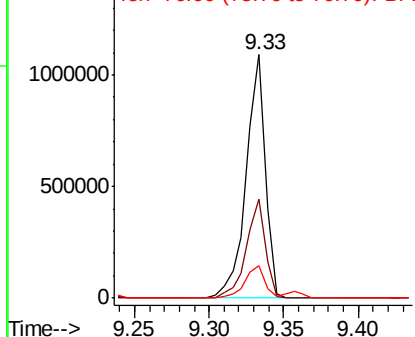


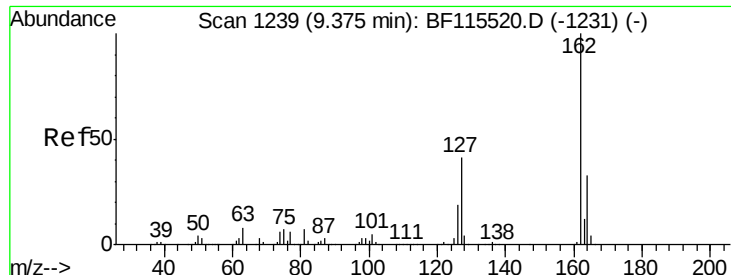
#46
 1,1'-Biphenyl
 Concen: 42.677 ng
 RT: 9.33 min Scan# 1232
 Delta R.T. -0.02 min
 Lab File: BF115741.D
 Acq: 24 Jul 2019 9:24

Tgt Ion:154 Resp: 969748
 Ion Ratio Lower Upper
 154 100
 153 40.9 22.6 62.6
 76 13.5 0.0 33.4



Abundance Ion 154.00 (153.70 to 154.70): E
 1500000 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF1

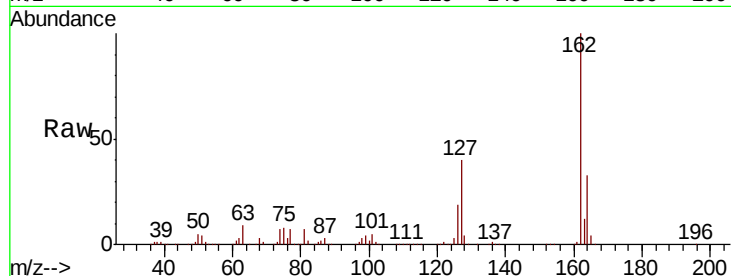




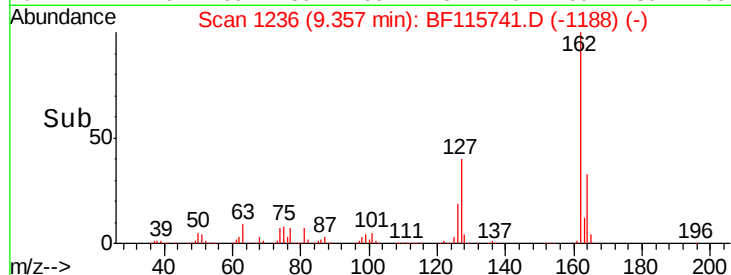
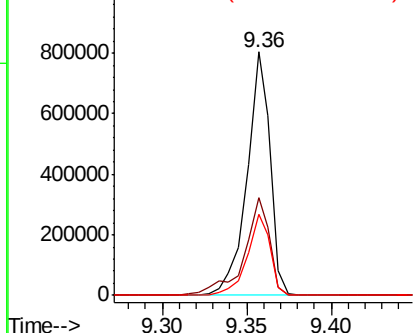
#47
2-Chloronaphthalene
Concen: 40.638 ng
RT: 9.36 min Scan# 1236
Delta R.T. -0.02 min
Lab File: BF115741.D
Acq: 24 Jul 2019 9:24

Instrument :
BNA_F
ClientSampled :

Tot Ion:162 Resp: 768899
Ion Ratio Lower Upper
162 100
127 40.3 34.1 51.1
164 33.2 27.4 41.2

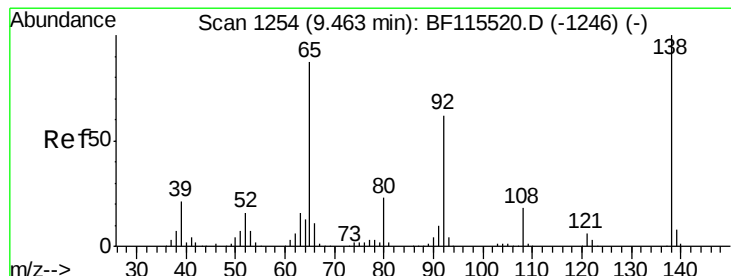


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

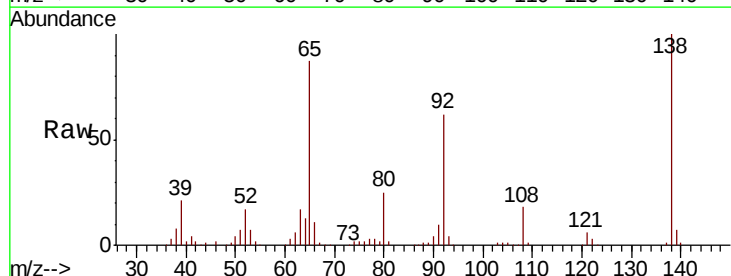
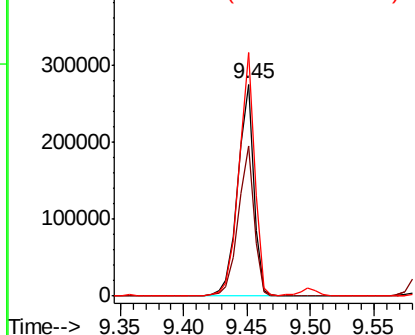


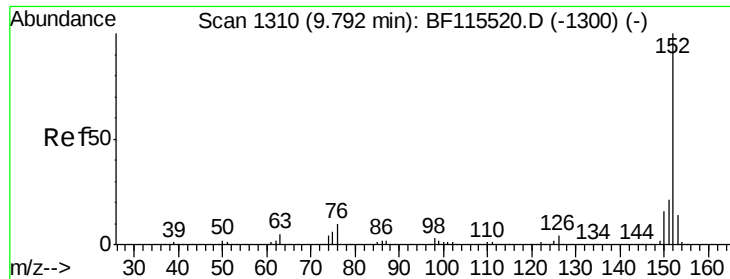
#48
2-Nitroaniline
Concen: 40.816 ng
RT: 9.45 min Scan# 1252
Delta R.T. -0.01 min
Lab File: BF115741.D
Acq: 24 Jul 2019 9:24

Tgt Ion: 65 Resp: 239028
Ion Ratio Lower Upper
65 100
92 71.0 57.8 86.6
138 114.9 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: 41.739 ng

RT: 9.77 min Scan# 1307

Delta R.T. -0.02 min

Lab File: BF115741.D

Acq: 24 Jul 2019 9:24

Instrument :

BNA_F

ClientSampleId :

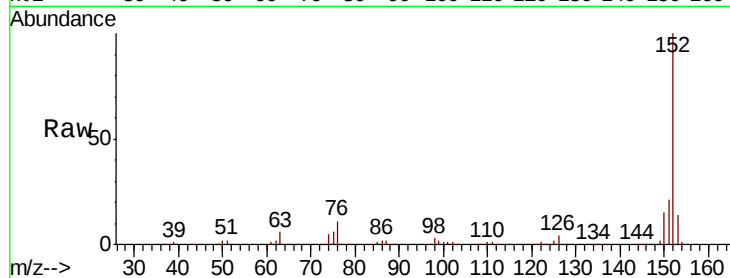
Tot Ion:152 Resp: 1170172

Ion Ratio Lower Upper

152 100

151 20.9 17.7 26.5

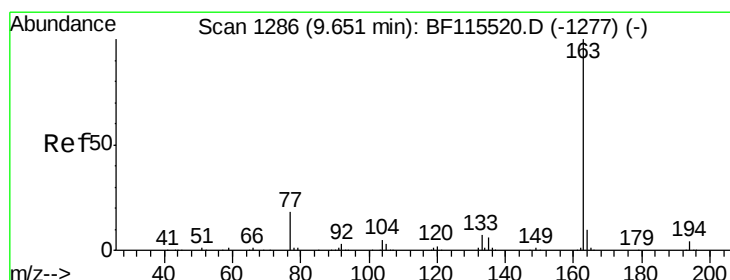
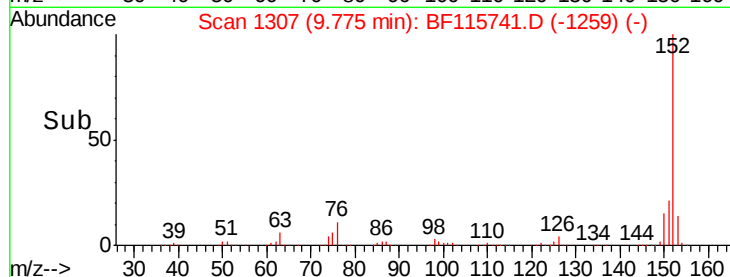
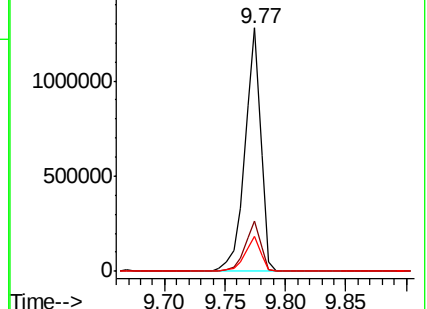
153 14.2 12.0 18.0



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: 40.551 ng

RT: 9.63 min Scan# 1283

Delta R.T. -0.02 min

Lab File: BF115741.D

Acq: 24 Jul 2019 9:24

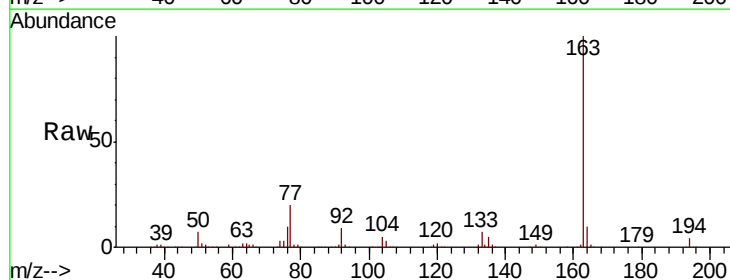
Tgt Ion:163 Resp: 886766

Ion Ratio Lower Upper

163 100

194 3.8 3.3 4.9

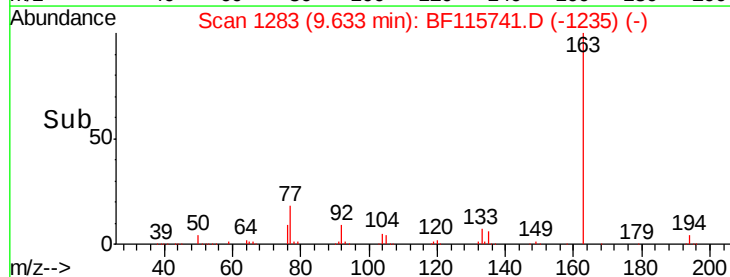
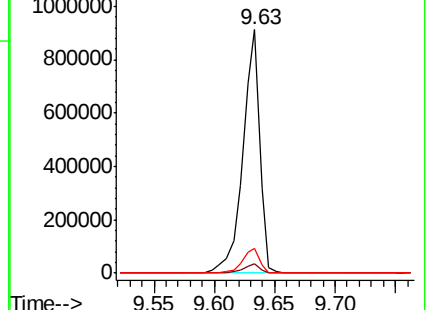
164 10.1 8.7 13.1

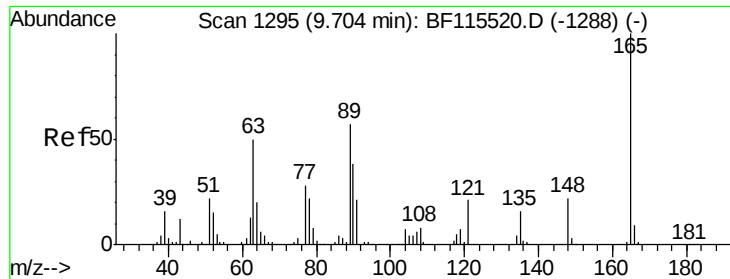


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

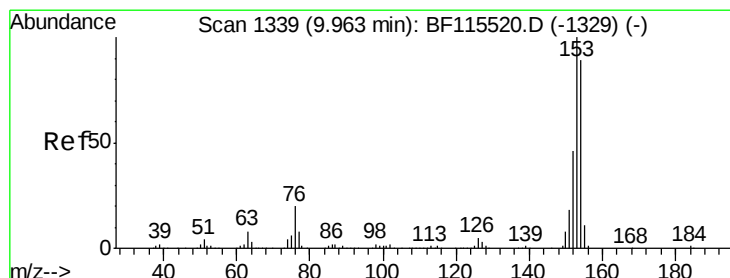
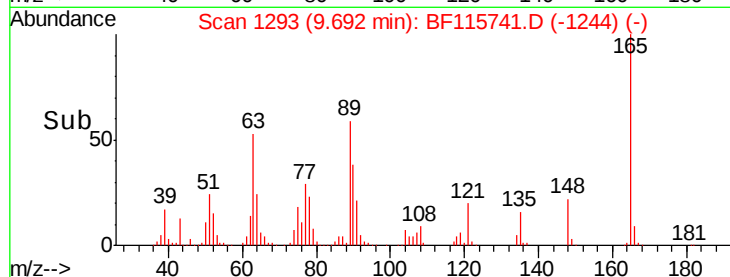
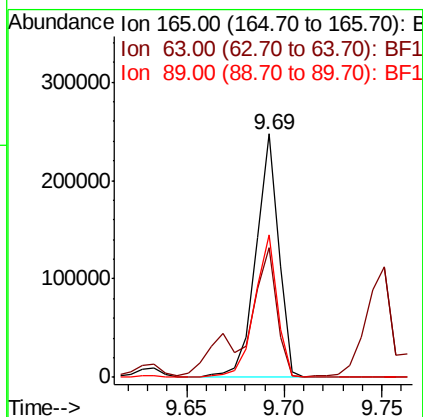
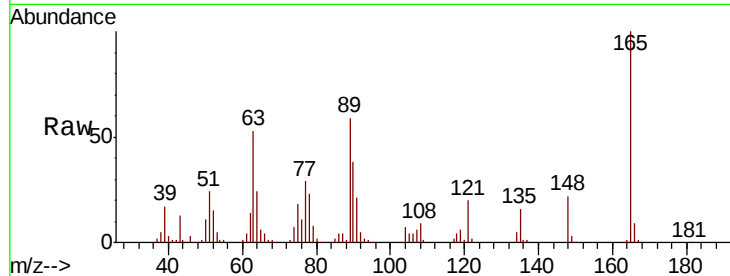




#51
 2,6-Dinitrotoluene
 Concen: 40.203 ng
 RT: 9.69 min Scan# 1293
 Delta R.T. -0.01 min
 Lab File: BF115741.D
 Acq: 24 Jul 2019 9:24

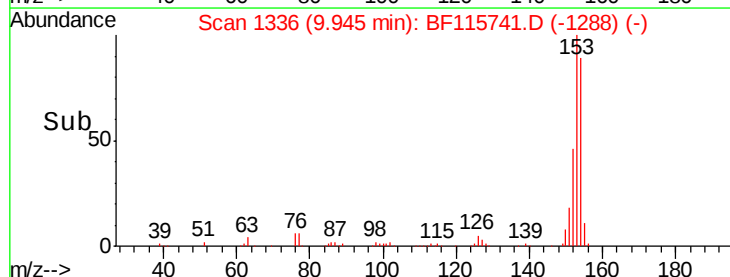
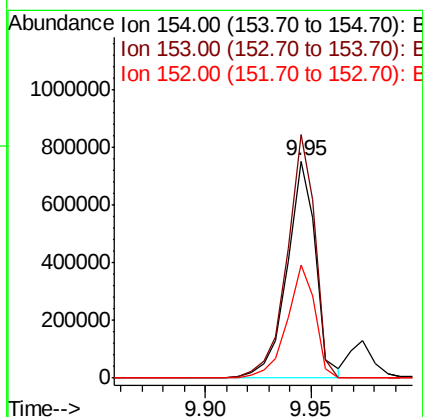
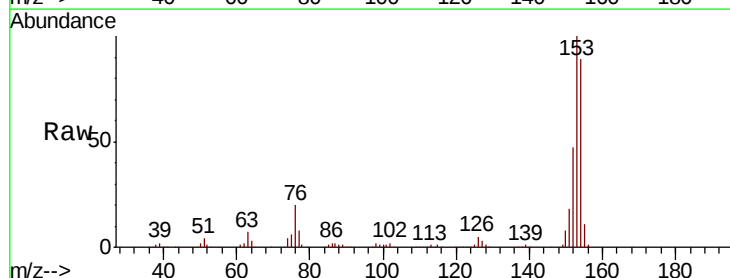
Instrument :
 BNA_F
 ClientSampleId :

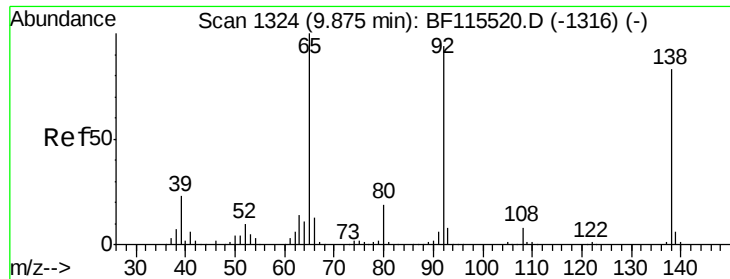
Tot Ion:165 Resp: 199794
 Ion Ratio Lower Upper
 165 100
 63 53.2 40.6 61.0
 89 58.5 43.9 65.9



#52
 Acenaphthene
 Concen: 39.326 ng
 RT: 9.95 min Scan# 1336
 Delta R.T. -0.02 min
 Lab File: BF115741.D
 Acq: 24 Jul 2019 9:24

Tgt Ion:154 Resp: 711817
 Ion Ratio Lower Upper
 154 100
 153 112.3 88.6 133.0
 152 52.2 42.3 63.5

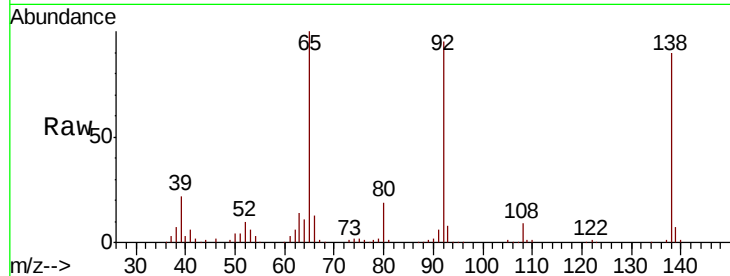




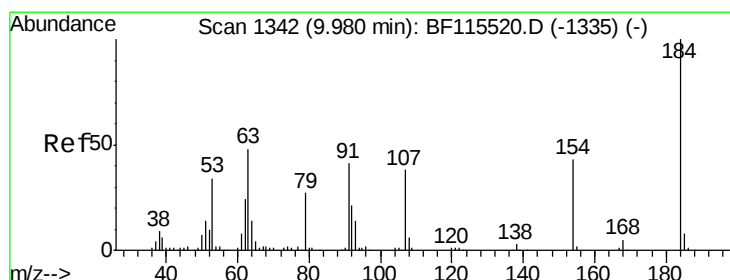
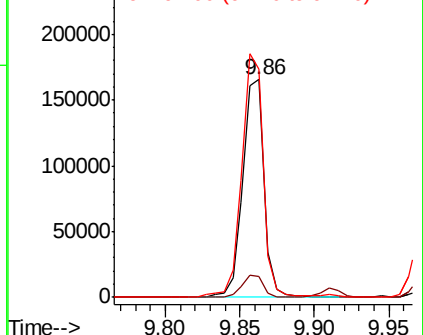
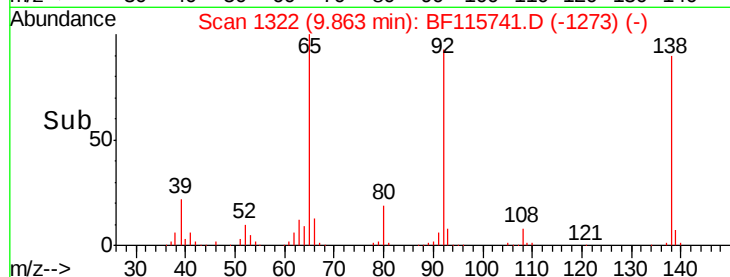
#53
 3-Nitroaniline
 Concen: 28.970 ng
 RT: 9.86 min Scan# 1322
 Delta R.T. -0.01 min
 Lab File: BF115741.D
 Acq: 24 Jul 2019 9:24

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:138 Resp: 164524
 Ion Ratio Lower Upper
 138 100
 108 9.7 8.4 12.6
 92 105.2 88.0 132.0

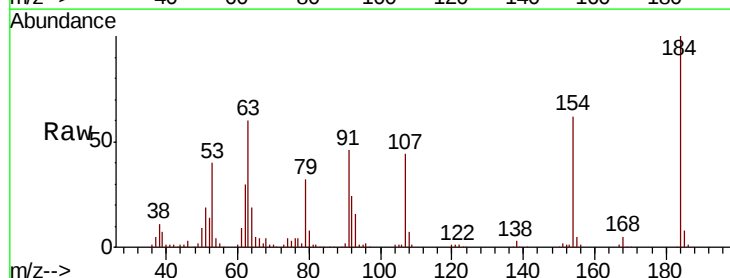


Abundance Ion 138.00 (137.70 to 138.70): E
 Ion 108.00 (107.70 to 108.70): E
 Ion 92.00 (91.70 to 92.70): BF1

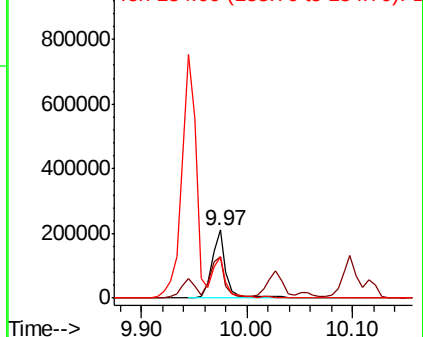
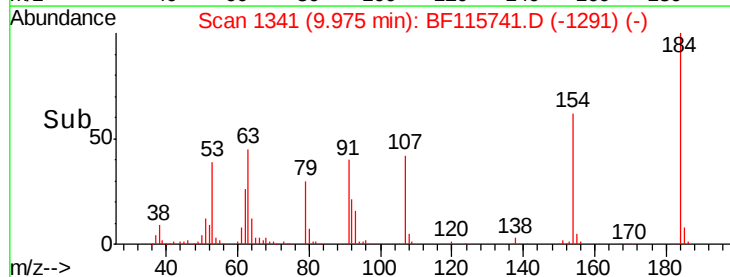


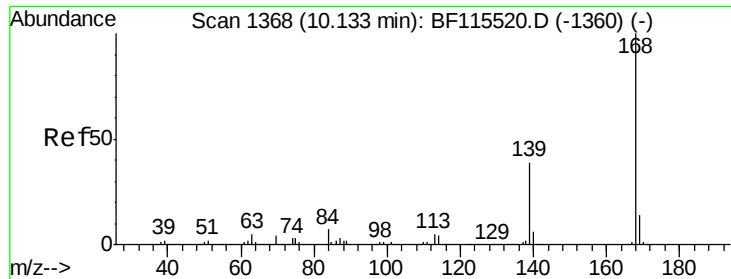
#54
 2,4-Dinitrophenol
 Concen: 77.048 ng
 RT: 9.97 min Scan# 1341
 Delta R.T. -0.01 min
 Lab File: BF115741.D
 Acq: 24 Jul 2019 9:24

Tgt Ion:184 Resp: 196590
 Ion Ratio Lower Upper
 184 100
 63 60.1 48.7 73.1
 154 61.7 48.6 73.0



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

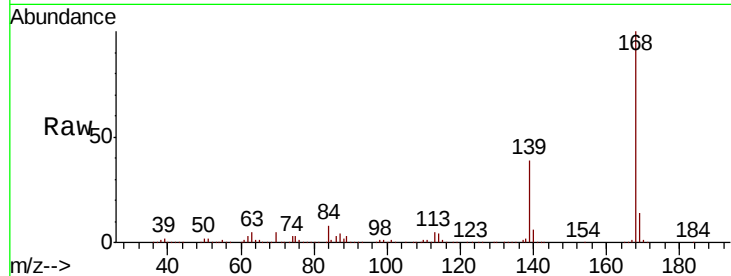




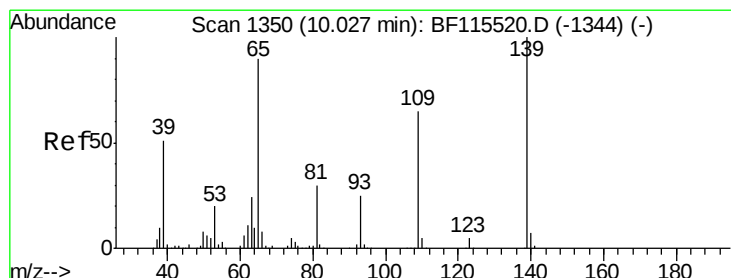
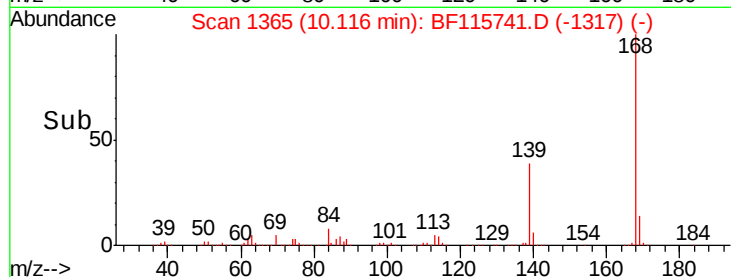
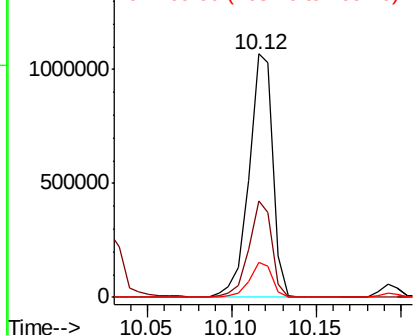
#55
Dibenzofuran
Concen: 41.285 ng
RT: 10.12 min Scan# 1365
Delta R.T. -0.02 min
Lab File: BF115741.D
Acq: 24 Jul 2019 9:24

Instrument :
BNA_F
ClientSampleId :

Tot Ion:168 Resp: 1061217
Ion Ratio Lower Upper
168 100
139 39.4 31.1 46.7
169 14.2 11.1 16.7

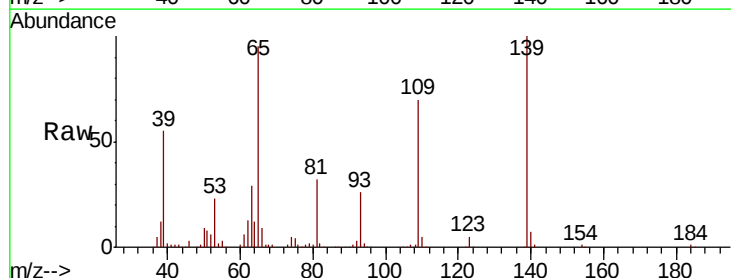


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

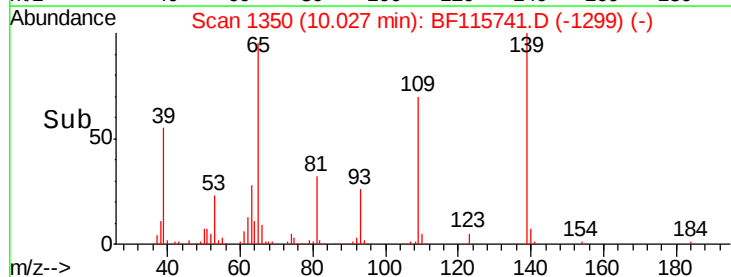
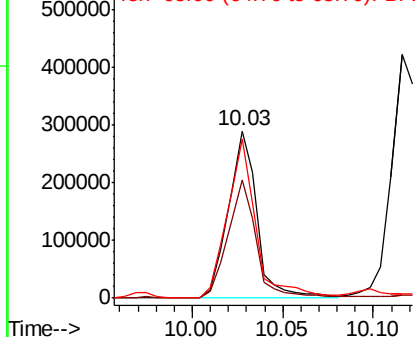


#56
4-Nitrophenol
Concen: 73.685 ng
RT: 10.03 min Scan# 1350
Delta R.T. -0.00 min
Lab File: BF115741.D
Acq: 24 Jul 2019 9:24

Tgt Ion:139 Resp: 319102
Ion Ratio Lower Upper
139 100
109 70.5 46.4 86.4
65 95.1 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

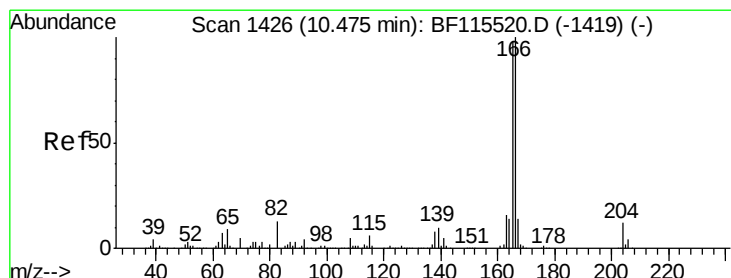
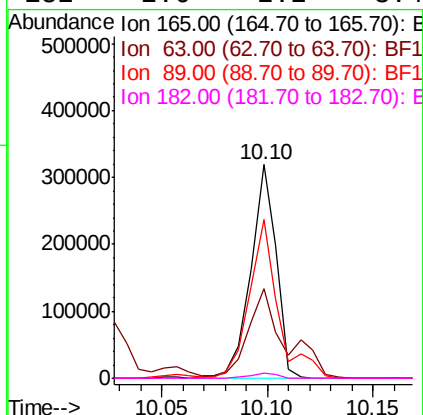
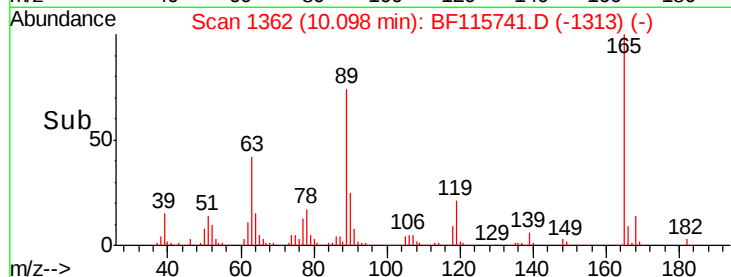
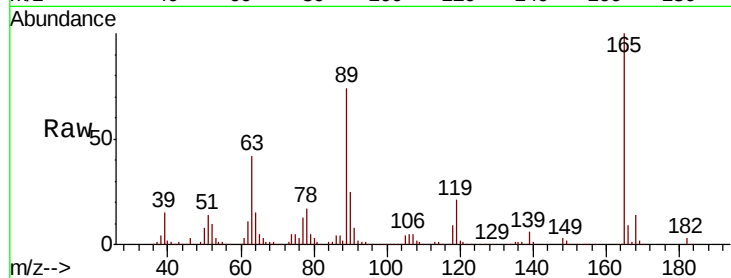




#57
2,4-Dinitrotoluene
Concen: 41.593 ng
RT: 10.10 min Scan# 1362
Delta R.T. -0.01 min
Lab File: BF115741.D
Acq: 24 Jul 2019 9:24

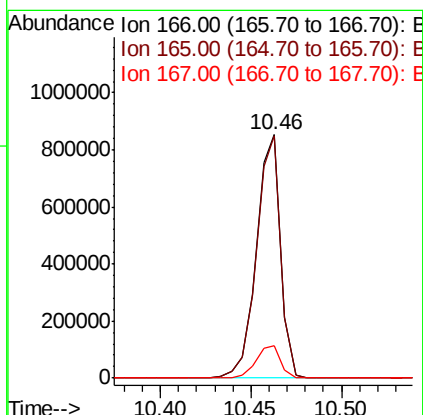
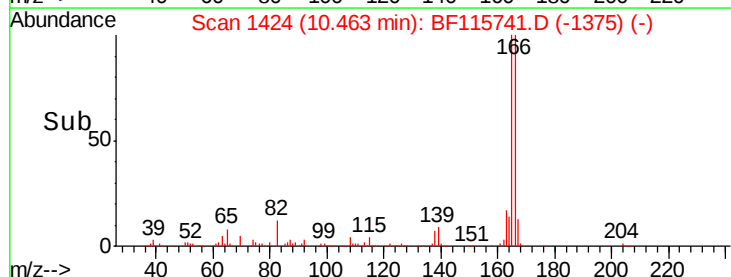
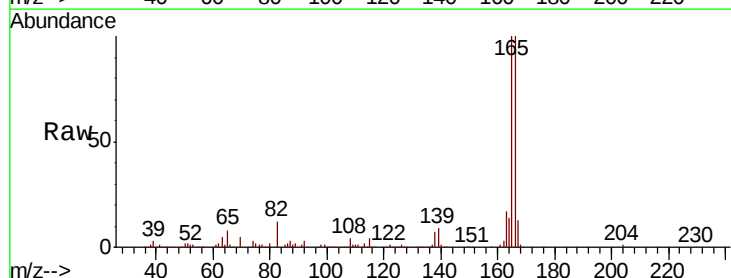
Instrument :
BNA_F
ClientSampleId :

Tot Ion:165	Resp:	267794
Ion Ratio	Lower	Upper
165	100	
63	41.9	34.9 52.3
89	74.2	57.5 86.3
182	2.6	2.2 3.4



#58
Fluorene
Concen: 42.856 ng
RT: 10.46 min Scan# 1424
Delta R.T. -0.01 min
Lab File: BF115741.D
Acq: 24 Jul 2019 9:24

Tgt Ion:166	Resp:	787506
Ion Ratio	Lower	Upper
166	100	
165	99.6	79.8 119.6
167	13.4	11.2 16.8

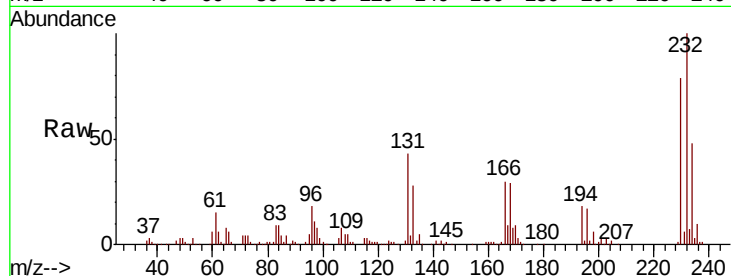




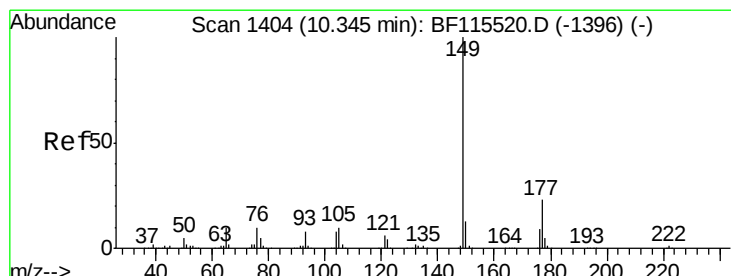
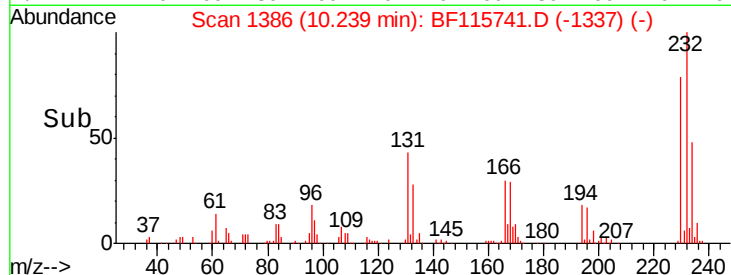
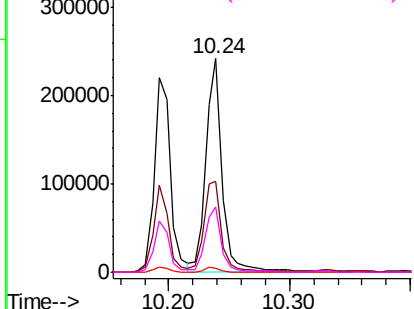
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 40.548 ng
 RT: 10.24 min Scan# 1386
 Delta R.T. -0.01 min
 Lab File: BF115741.D
 Acq: 24 Jul 2019 9:24

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:232	Resp:	222189
Ion Ratio	Lower	Upper
232	100	
131	46.2	35.9 53.9
130	2.3	1.8 2.6
166	30.3	24.8 37.2

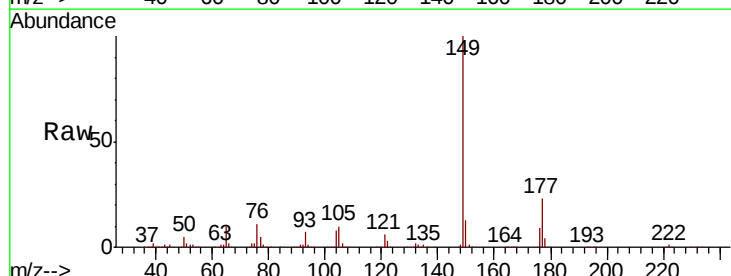


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

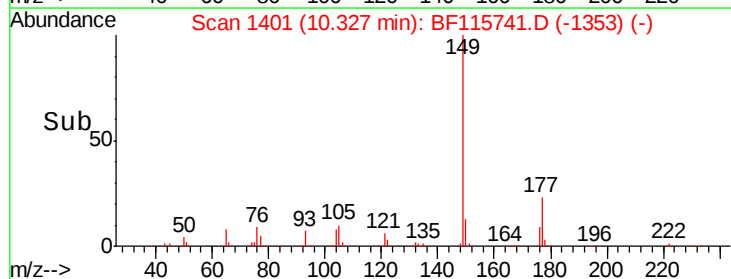
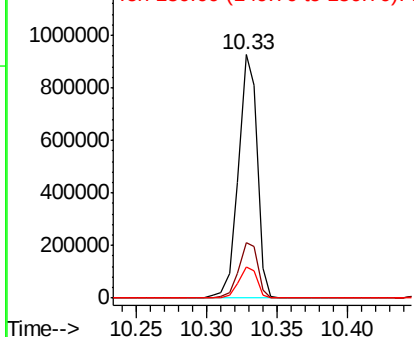


#60
 Diethylphthalate
 Concen: 41.818 ng
 RT: 10.33 min Scan# 1401
 Delta R.T. -0.02 min
 Lab File: BF115741.D
 Acq: 24 Jul 2019 9:24

Tgt Ion:149	Resp:	856835
Ion Ratio	Lower	Upper
149	100	
177	22.7	19.5 29.3
150	12.6	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

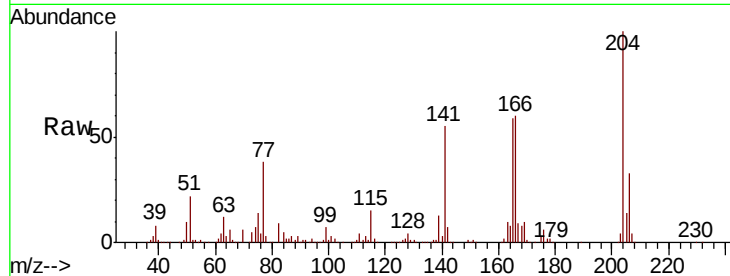




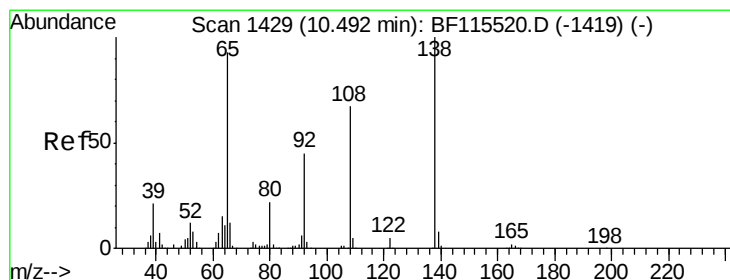
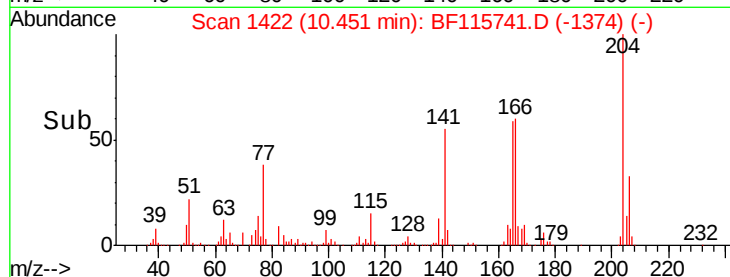
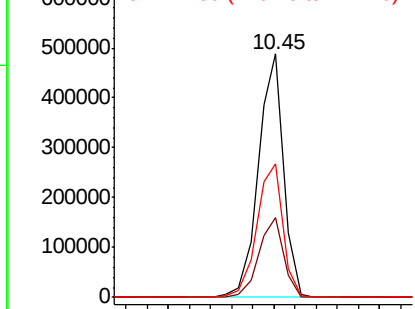
#61
4-Chlorophenyl-phenylether
Concen: 39.773 ng
RT: 10.45 min Scan# 1422
Delta R.T. -0.02 min
Lab File: BF115741.D
Acq: 24 Jul 2019 9:24

Instrument :
BNA_F
ClientSampled :

Tot Ion:204 Resp: 405306
Ion Ratio Lower Upper
204 100
206 33.0 26.7 40.1
141 55.0 44.2 66.2

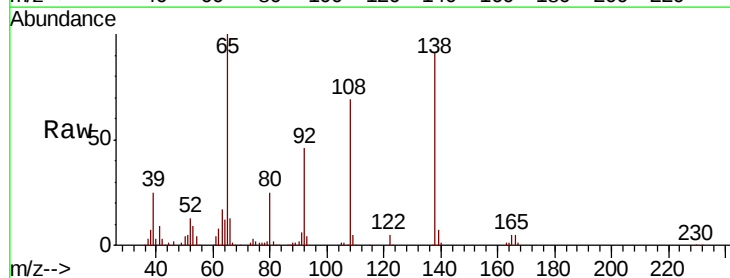


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

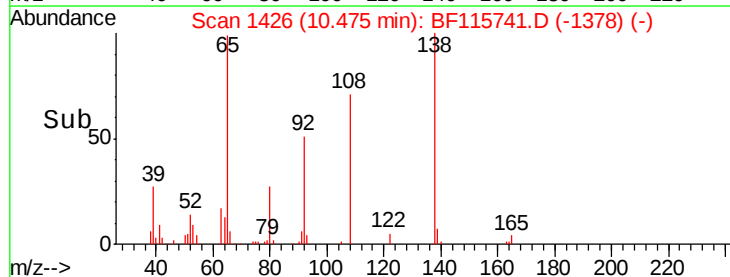
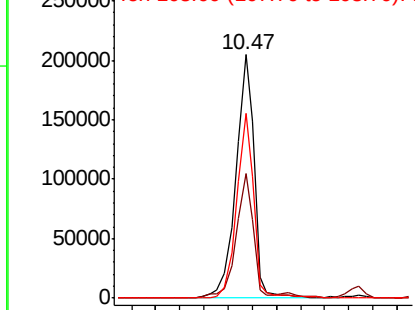


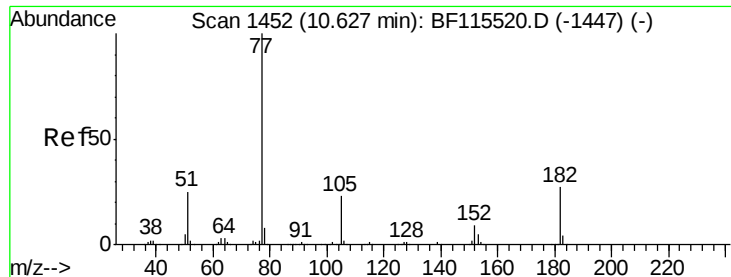
#62
4-Nitroaniline
Concen: 39.814 ng
RT: 10.47 min Scan# 1426
Delta R.T. -0.02 min
Lab File: BF115741.D
Acq: 24 Jul 2019 9:24

Tgt Ion:138 Resp: 216889
Ion Ratio Lower Upper
138 100
92 50.9 27.1 67.1
108 76.0 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: 44.295 ng

RT: 10.61 min Scan# 1449

Delta R.T. -0.02 min

Lab File: BF115741.D

Acq: 24 Jul 2019 9:24

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 77 Resp: 880318

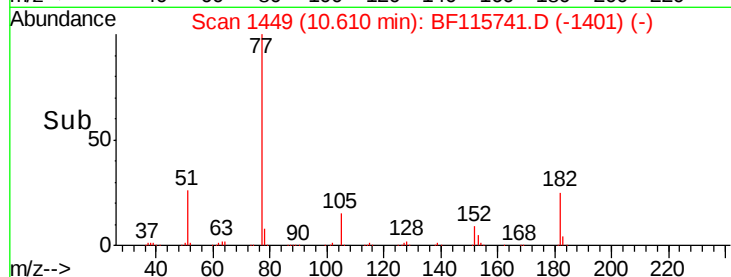
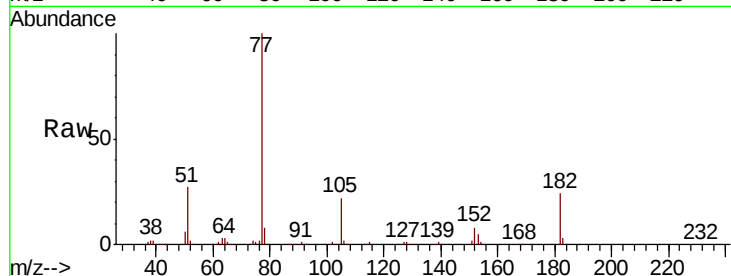
Ion Ratio Lower Upper

77 100

182 24.4 6.9 46.9

105 22.4 3.9 43.9

51 26.5 7.3 47.3

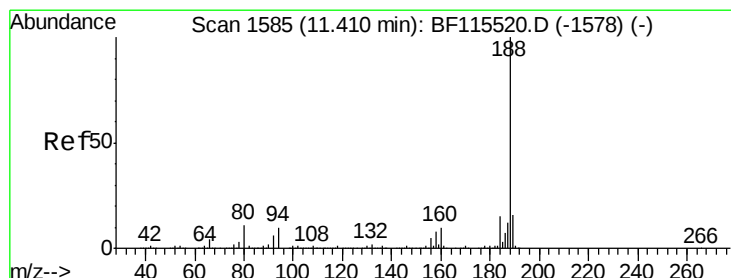
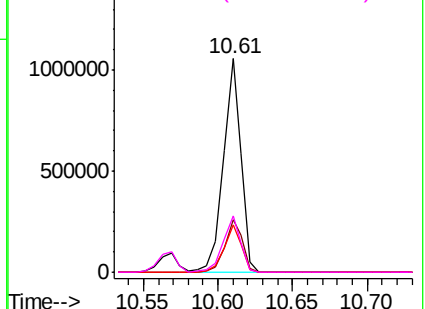


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

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: BF115741.D

Acq: 24 Jul 2019 9:24

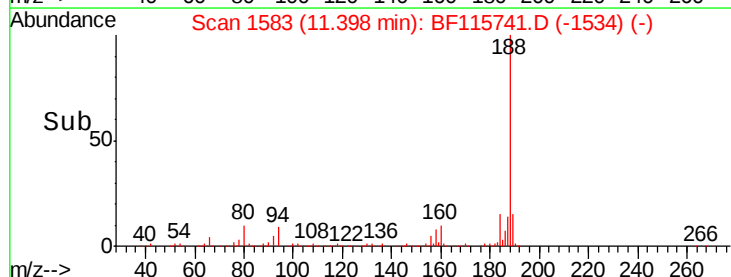
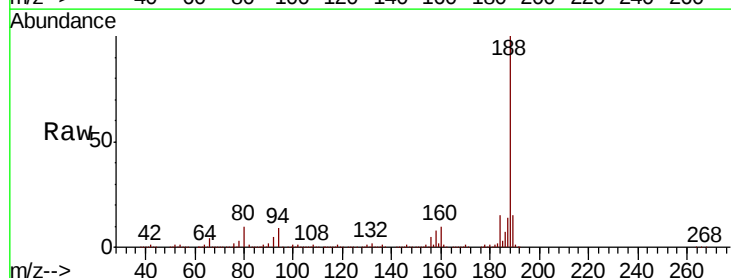
Tgt Ion: 188 Resp: 564622

Ion Ratio Lower Upper

188 100

94 9.3 7.8 11.6

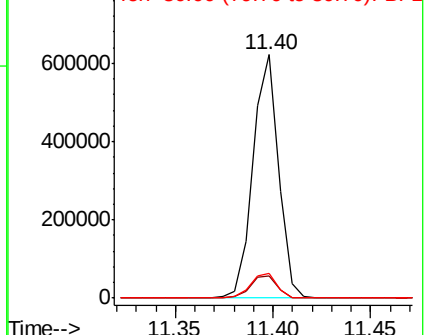
80 10.4 8.6 13.0



Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

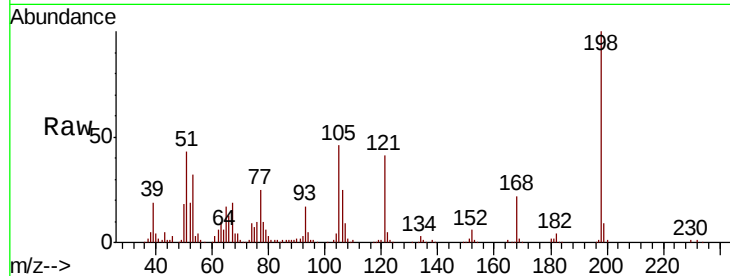




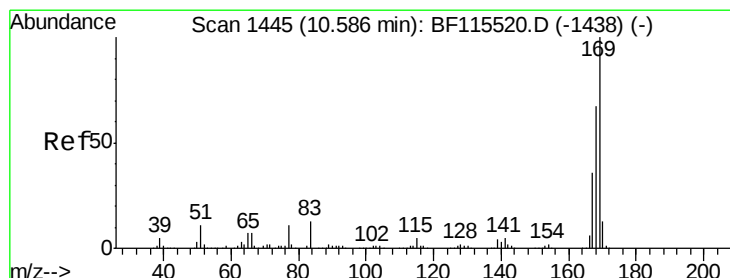
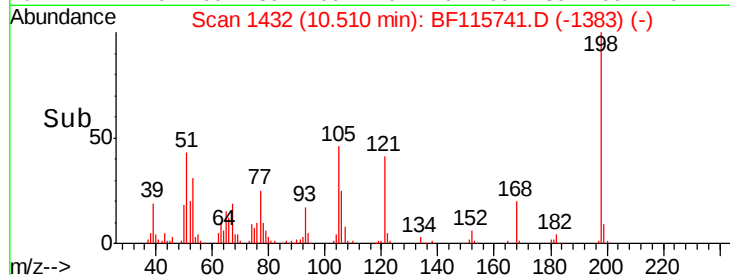
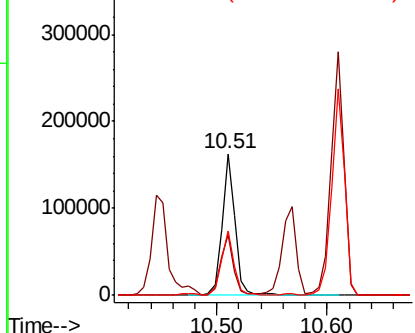
#65
 4,6-Dinitro-2-methylphenol
 Concen: 38.510 ng
 RT: 10.51 min Scan# 1432
 Delta R.T. -0.01 min
 Lab File: BF115741.D
 Acq: 24 Jul 2019 9:24

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
198	100		
51	42.8	19.1	59.1
105	45.7	23.6	63.6

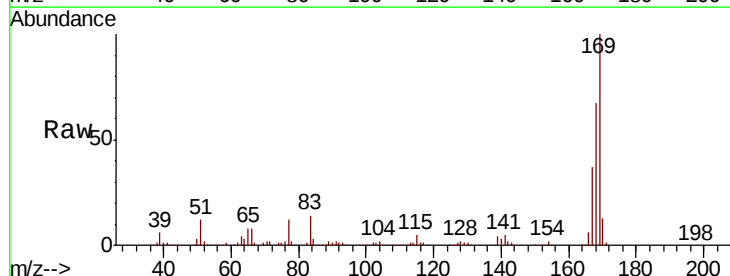


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

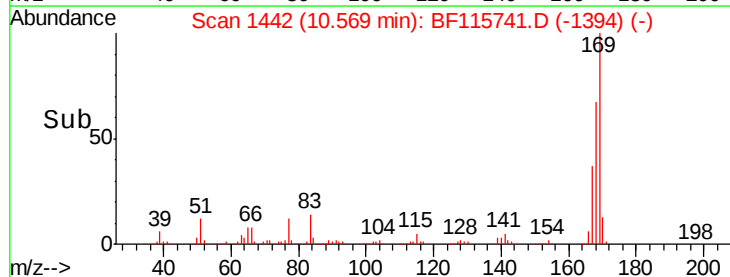
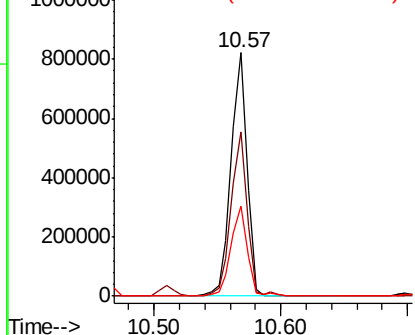


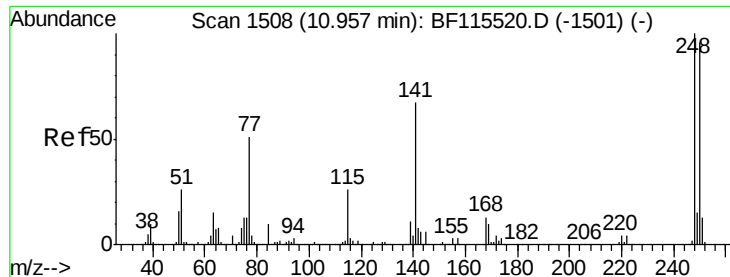
#66
 n-Nitrosodiphenylamine
 Concen: 40.595 ng
 RT: 10.57 min Scan# 1442
 Delta R.T. -0.02 min
 Lab File: BF115741.D
 Acq: 24 Jul 2019 9:24

Tgt Ion	Ratio	Lower	Upper
169	100		
168	67.4	54.3	81.5
167	37.2	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

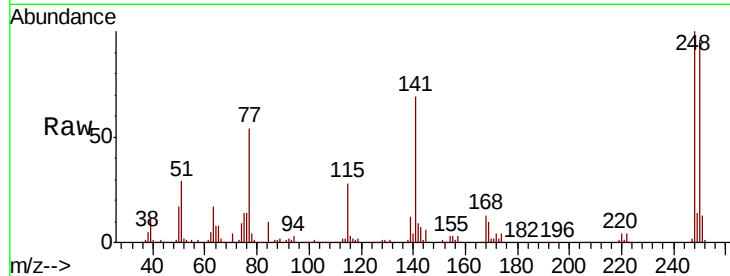




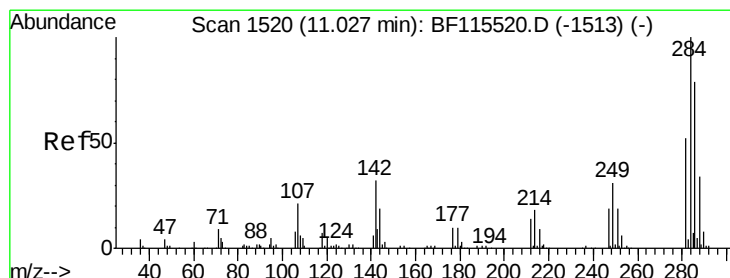
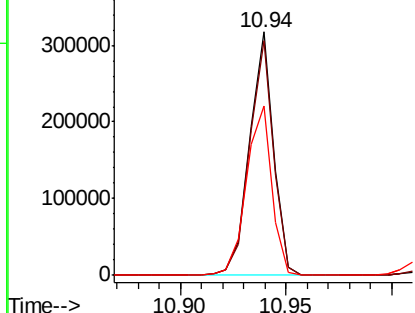
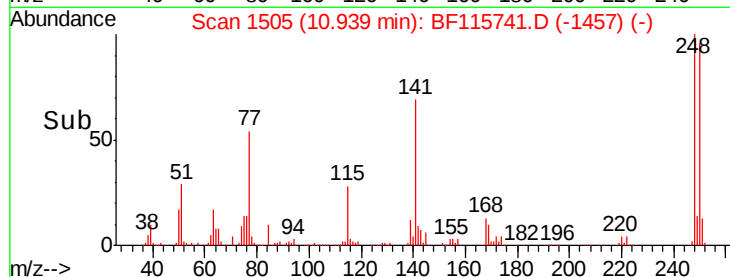
#67
 4-Bromophenyl-phenylether
 Concen: 38.908 ng
 RT: 10.94 min Scan# 1505
 Delta R.T. -0.02 min
 Lab File: BF115741.D
 Acq: 24 Jul 2019 9:24

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:248 Resp: 251047
 Ion Ratio Lower Upper
 248 100
 250 96.4 78.0 117.0
 141 69.4 57.7 86.5

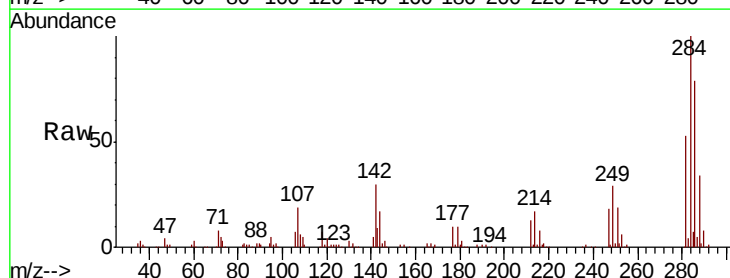


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

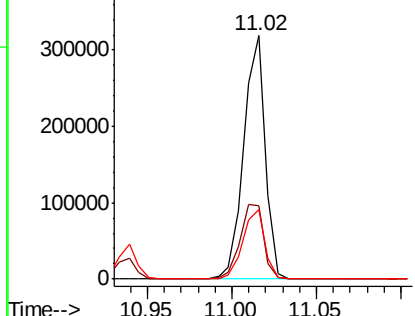
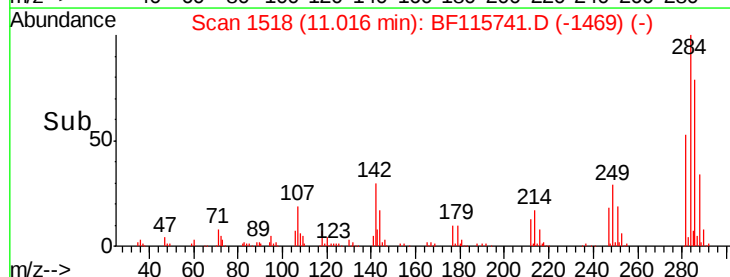


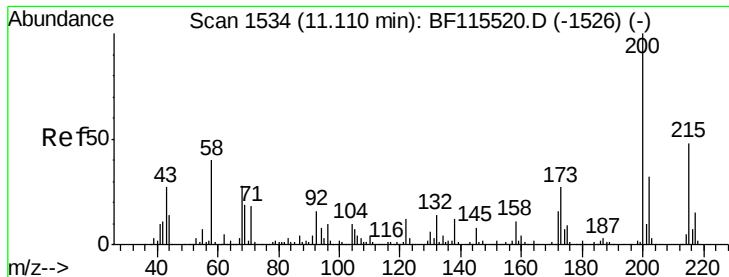
#68
 Hexachlorobenzene
 Concen: 38.576 ng
 RT: 11.02 min Scan# 1518
 Delta R.T. -0.01 min
 Lab File: BF115741.D
 Acq: 24 Jul 2019 9:24

Tgt Ion:284 Resp: 284248
 Ion Ratio Lower Upper
 284 100
 142 30.3 22.2 33.2
 249 28.6 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

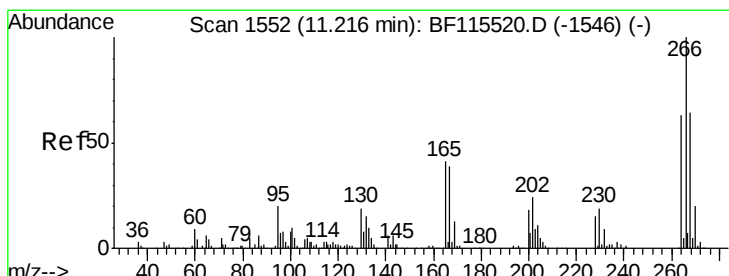
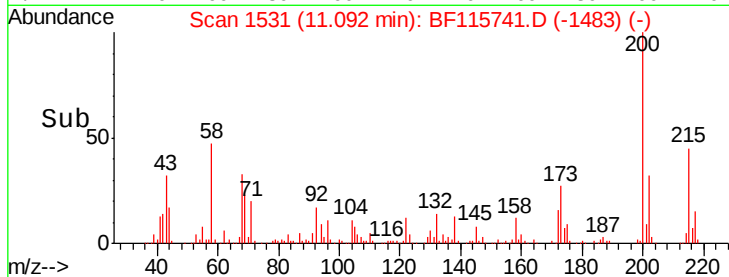
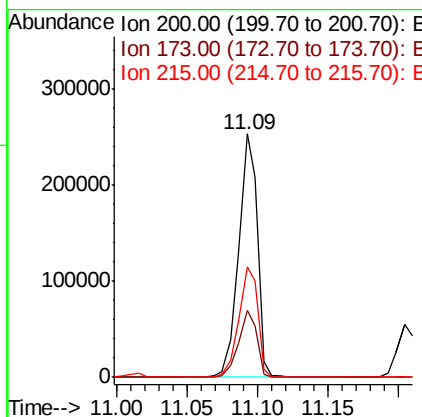
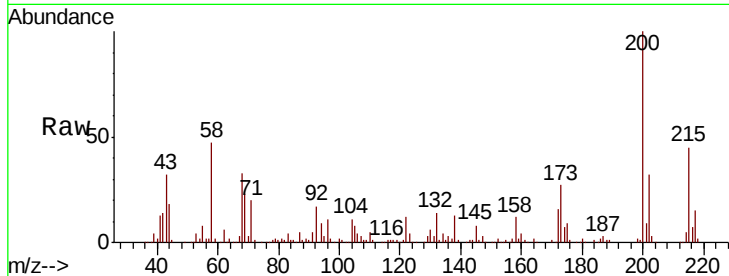




#69
Atrazine
Concen: 40.489 ng
RT: 11.09 min Scan# 1531
Delta R.T. -0.02 min
Lab File: BF115741.D
Acq: 24 Jul 2019 9:24

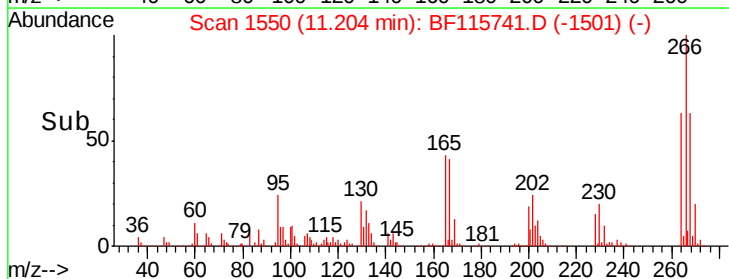
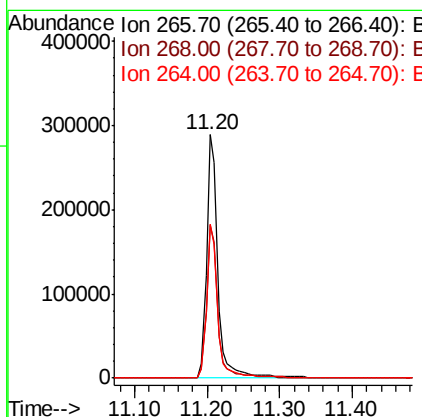
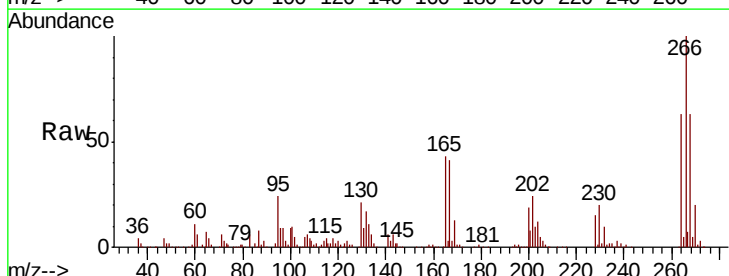
Instrument :
BNA_F
ClientSampleId :

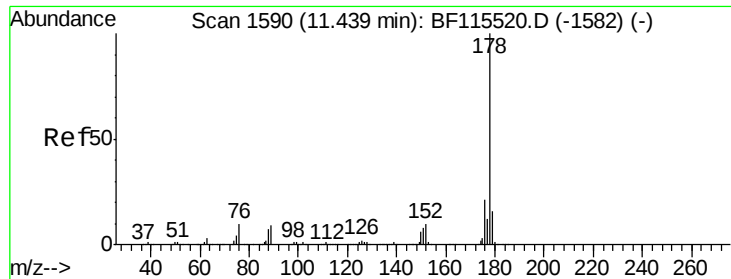
Tot Ion	Ratio	Lower	Upper
200	100		
173	27.3	6.9	46.9
215	45.4	27.9	67.9



#70
Pentachlorophenol
Concen: 69.833 ng
RT: 11.20 min Scan# 1550
Delta R.T. -0.01 min
Lab File: BF115741.D
Acq: 24 Jul 2019 9:24

Tgt Ion	Ratio	Lower	Upper
266	100		
268	62.9	51.6	77.4
264	63.4	50.6	76.0

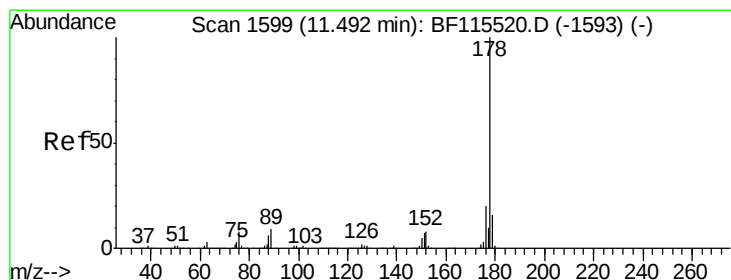
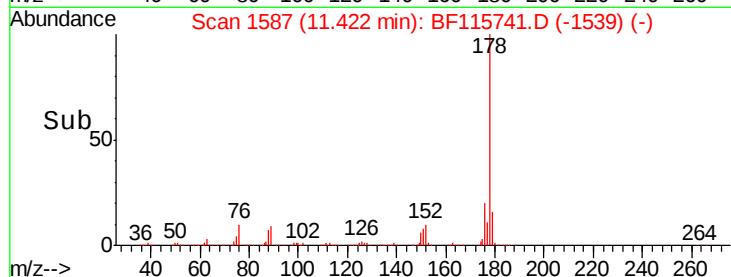
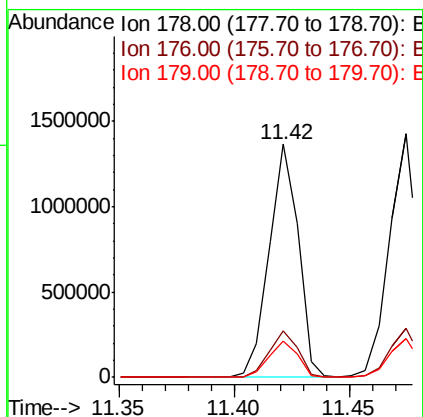
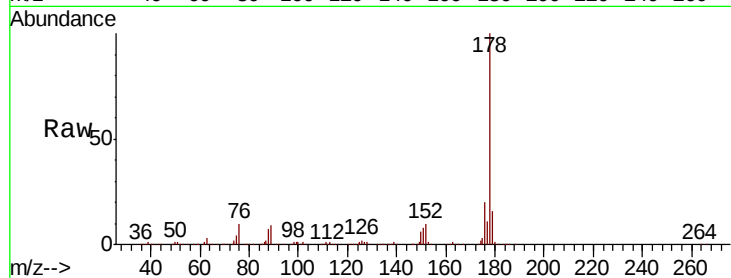




#71
Phenanthrene
Concen: 41.468 ng
RT: 11.42 min Scan# 1587
Delta R.T. -0.02 min
Lab File: BF115741.D
Acq: 24 Jul 2019 9:24

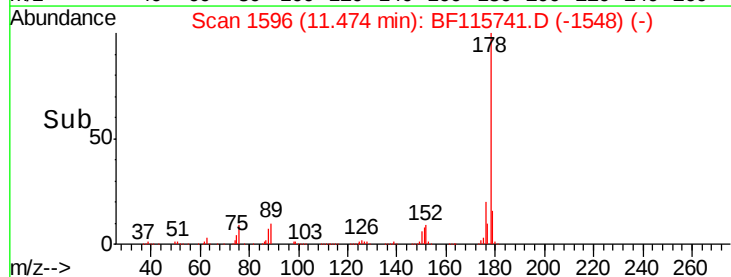
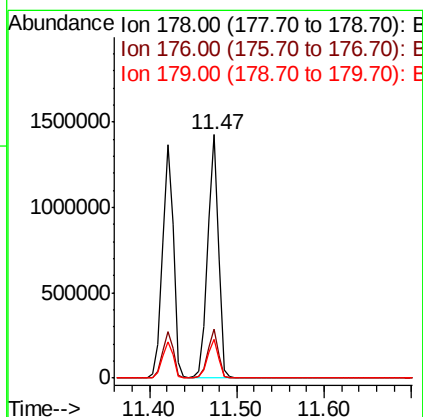
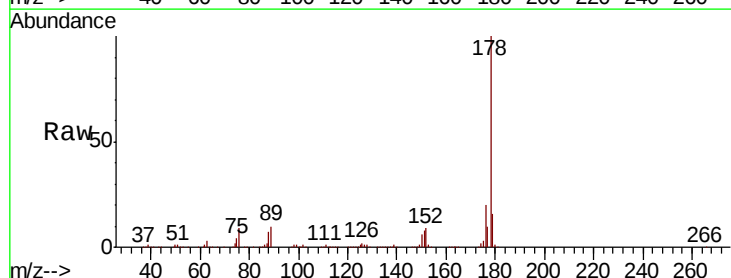
Instrument :
BNA_F
ClientSampleId :

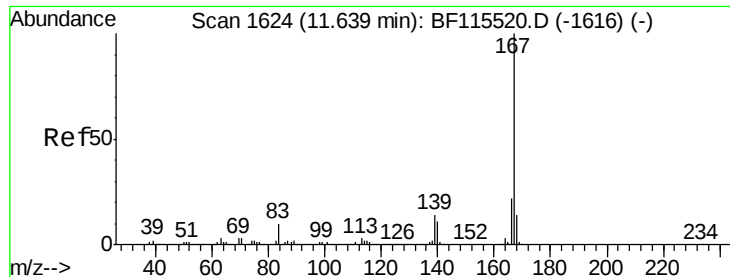
Tot Ion:178 Resp: 1200162
Ion Ratio Lower Upper
178 100
176 20.2 17.2 25.8
179 15.8 13.5 20.3



#72
Anthracene
Concen: 41.058 ng
RT: 11.47 min Scan# 1596
Delta R.T. -0.02 min
Lab File: BF115741.D
Acq: 24 Jul 2019 9:24

Tgt Ion:178 Resp: 1228064
Ion Ratio Lower Upper
178 100
176 20.0 15.9 23.9
179 16.1 12.7 19.1

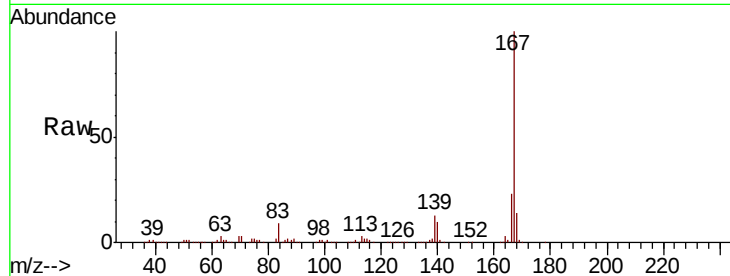




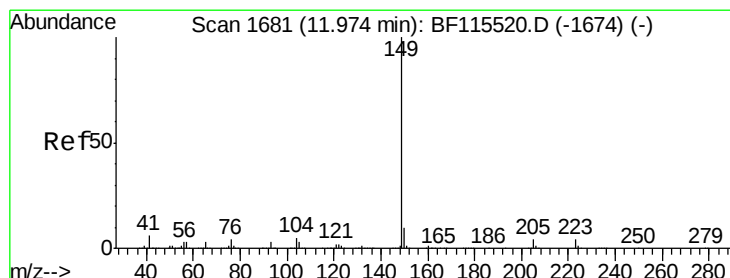
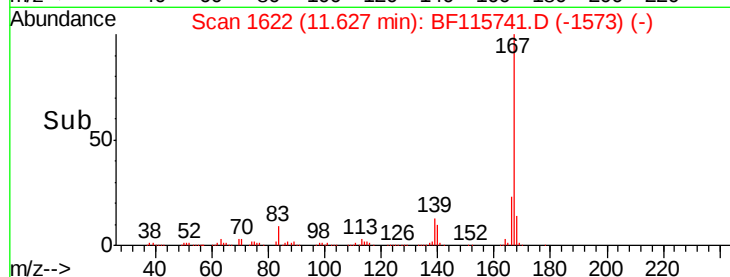
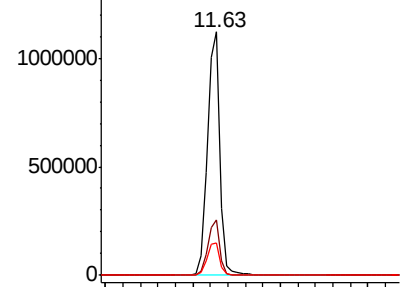
#73
 Carbazole
 Concen: 42.058 ng
 RT: 11.63 min Scan# 1622
 Delta R.T. -0.01 min
 Lab File: BF115741.D
 Acq: 24 Jul 2019 9:24

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:167 Resp: 1103143
 Ion Ratio Lower Upper
 167 100
 166 22.6 18.1 27.1
 139 13.3 11.3 16.9

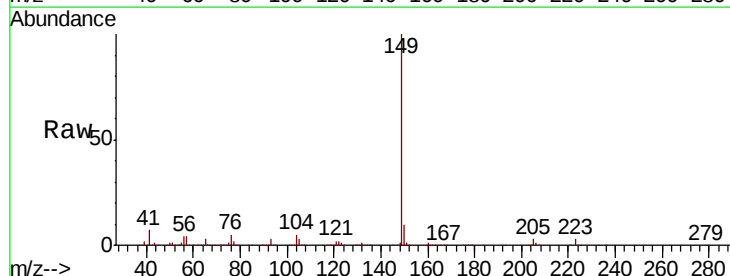


Abundance Ion 167.00 (166.70 to 167.70): E
 1500000 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E

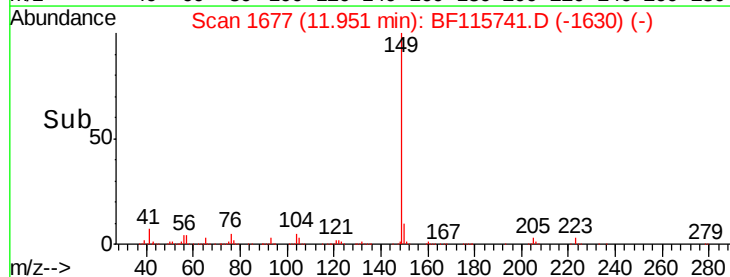
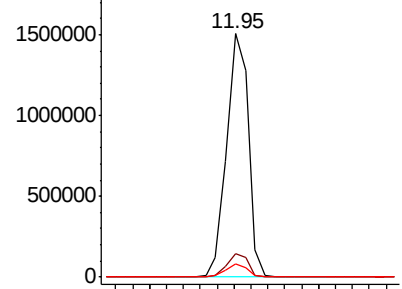


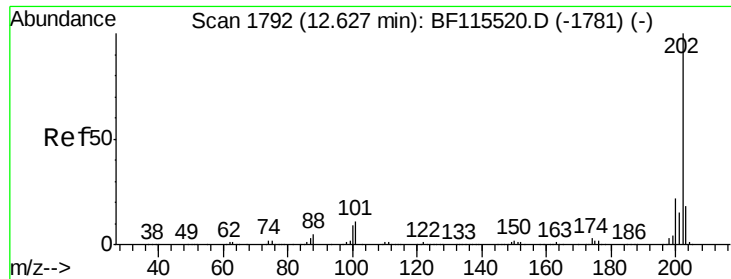
#74
 Di-n-butylphthalate
 Concen: 41.752 ng
 RT: 11.95 min Scan# 1677
 Delta R.T. -0.02 min
 Lab File: BF115741.D
 Acq: 24 Jul 2019 9:24

Tgt Ion:149 Resp: 1348945
 Ion Ratio Lower Upper
 149 100
 150 9.9 7.7 11.5
 104 5.5 3.8 5.8



Abundance Ion 149.00 (148.70 to 149.70): E
 2000000 Ion 150.00 (149.70 to 150.70): E
 Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 42.022 ng

RT: 12.61 min Scan# 1789

Delta R.T. -0.02 min

Lab File: BF115741.D

Acq: 24 Jul 2019 9:24

Instrument :

BNA_F

ClientSampleId :

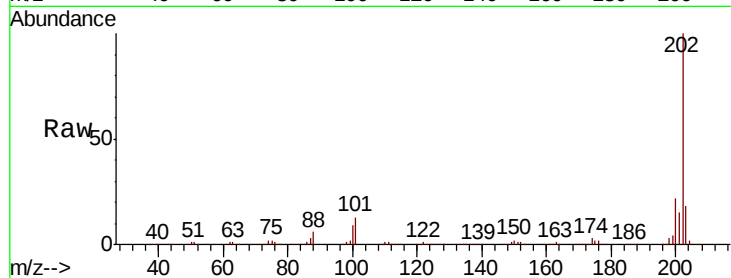
Tot Ion:202 Resp: 1285214

Ion Ratio Lower Upper

202 100

101 13.0 0.0 31.4

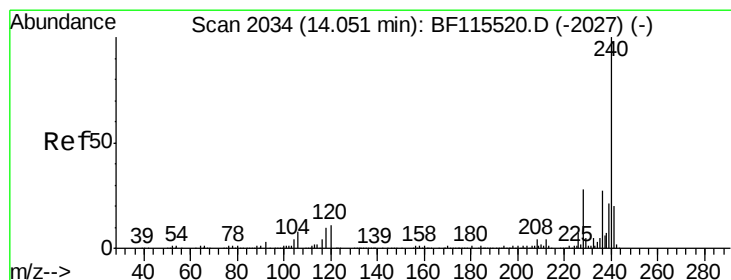
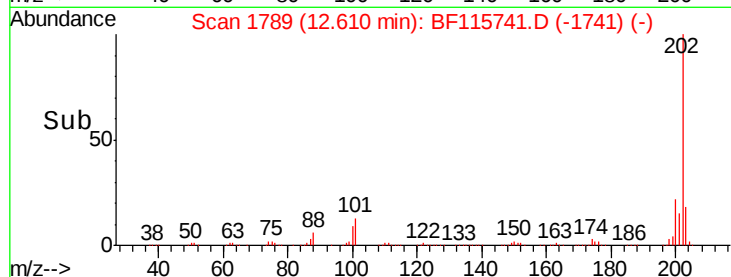
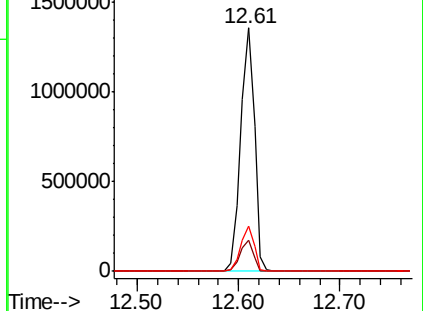
203 18.4 0.0 38.1



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.04 min Scan# 2032

Delta R.T. -0.01 min

Lab File: BF115741.D

Acq: 24 Jul 2019 9:24

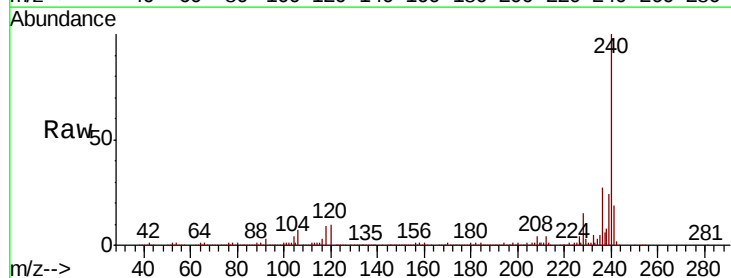
Tgt Ion:240 Resp: 413994

Ion Ratio Lower Upper

240 100

120 10.2 8.6 13.0

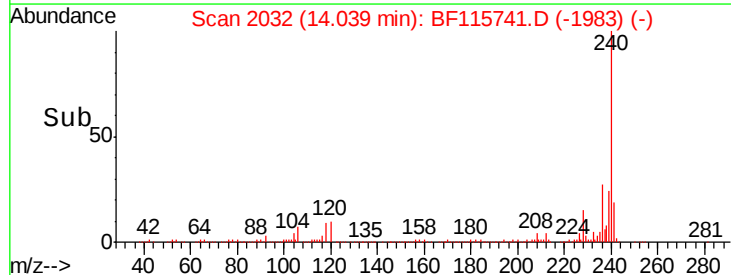
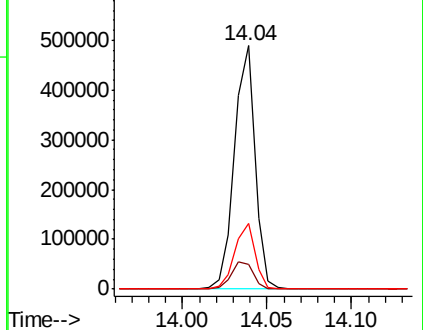
236 26.9 21.3 31.9



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 29.515 ng

RT: 12.72 min Scan# 1808

Delta R.T. -0.02 min

Lab File: BF115741.D

Acq: 24 Jul 2019 9:24

Instrument :

BNA_F

ClientSampleId :

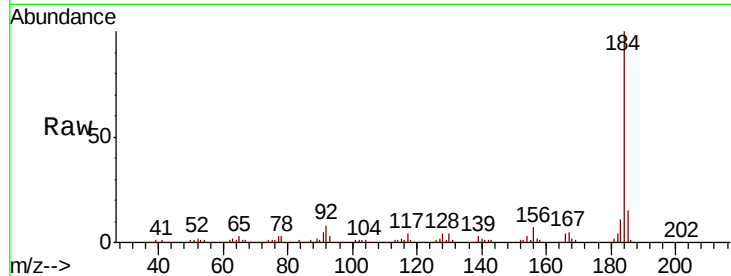
Tot Ion:184 Resp: 432864

Ion Ratio Lower Upper

184 100

185 14.8 12.0 18.0

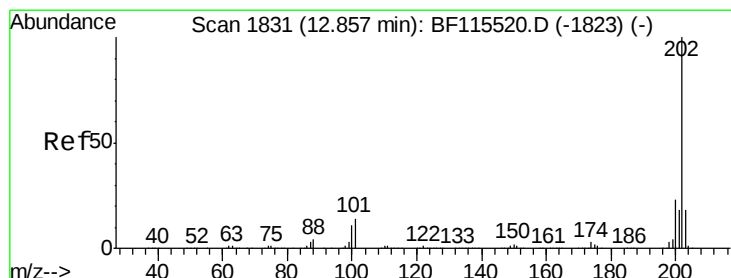
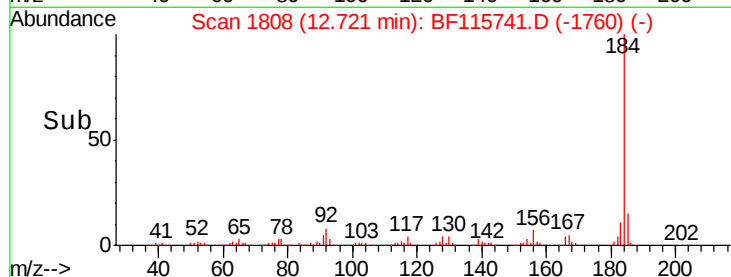
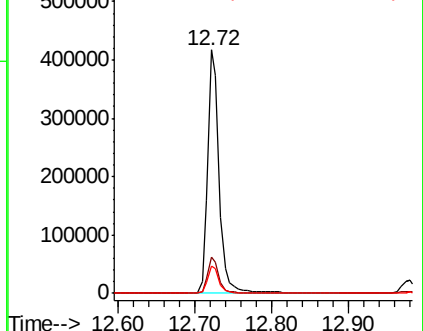
183 11.2 9.3 13.9



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: 36.843 ng

RT: 12.84 min Scan# 1828

Delta R.T. -0.02 min

Lab File: BF115741.D

Acq: 24 Jul 2019 9:24

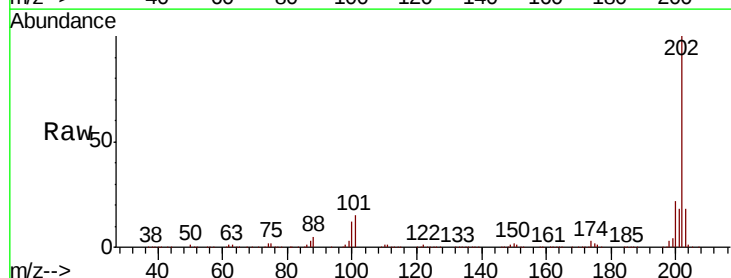
Tgt Ion:202 Resp: 1292265

Ion Ratio Lower Upper

202 100

200 22.5 18.7 28.1

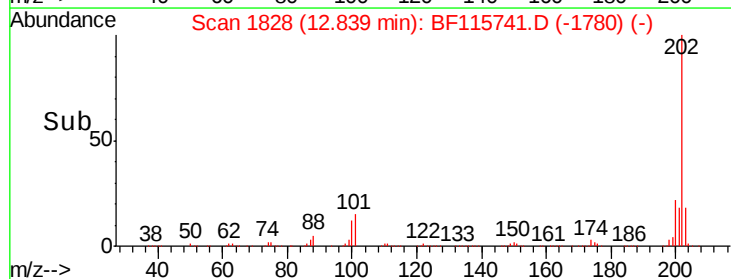
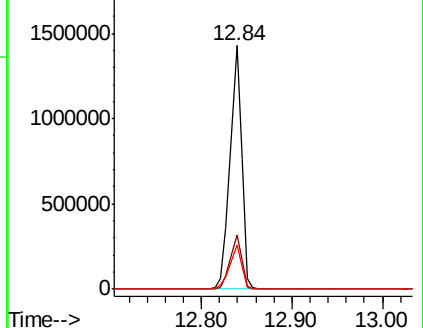
203 18.0 15.2 22.8



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: 75.718 ng

RT: 12.98 min Scan# 1852

Delta R.T. -0.02 min

Lab File: BF115741.D

Acq: 24 Jul 2019 9:24

Instrument :

BNA_F

ClientSampleId :

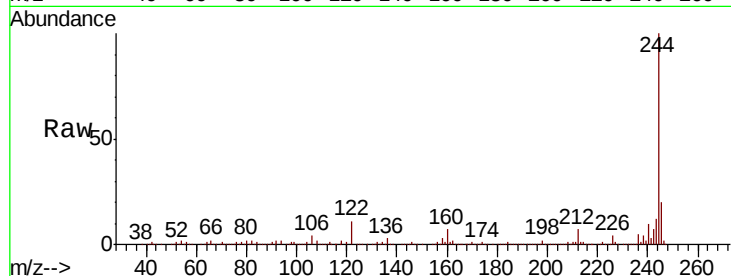
Tot Ion:244 Resp: 1698848

Ion Ratio Lower Upper

244 100

212 7.1 6.0 9.0

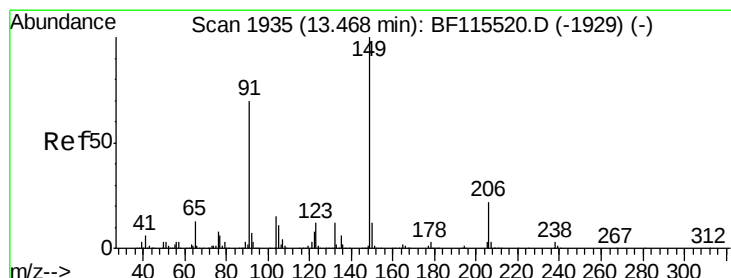
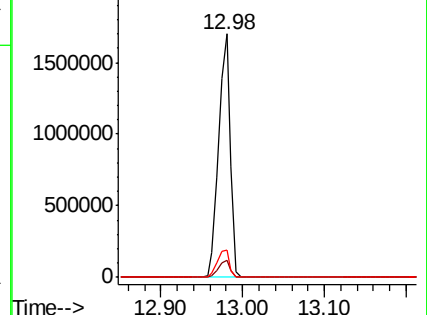
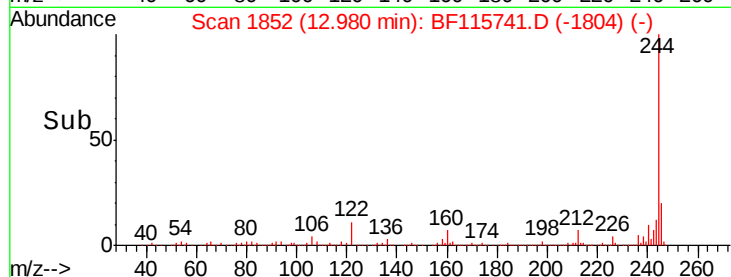
122 11.4 8.6 12.8



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 39.806 ng

RT: 13.45 min Scan# 1932

Delta R.T. -0.02 min

Lab File: BF115741.D

Acq: 24 Jul 2019 9:24

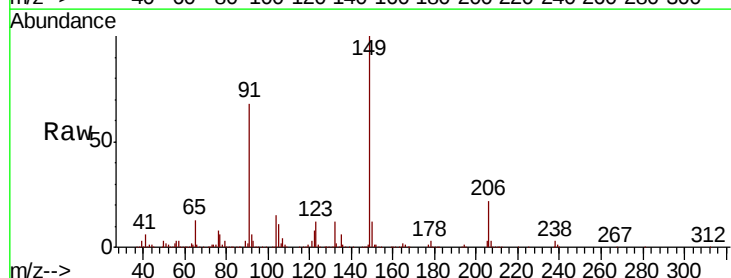
Tgt Ion:149 Resp: 595200

Ion Ratio Lower Upper

149 100

91 68.3 55.8 83.8

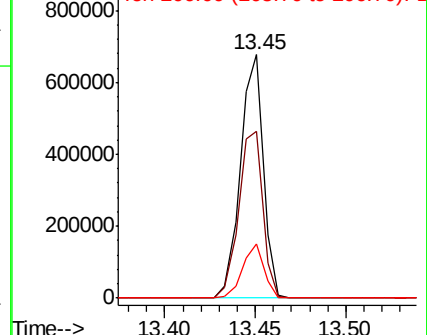
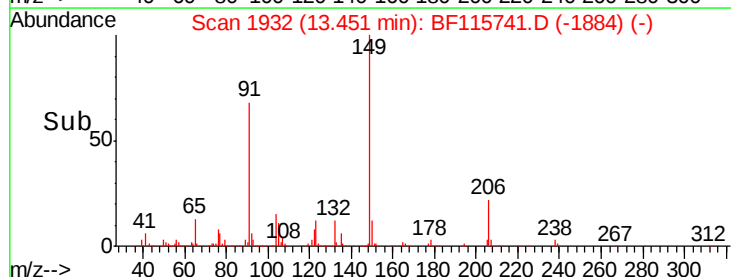
206 22.2 18.2 27.2



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 40.771 ng

RT: 14.03 min Scan# 2030

Delta R.T. -0.01 min

Lab File: BF115741.D

Acq: 24 Jul 2019 9:24

Instrument :

BNA_F

ClientSampleId :

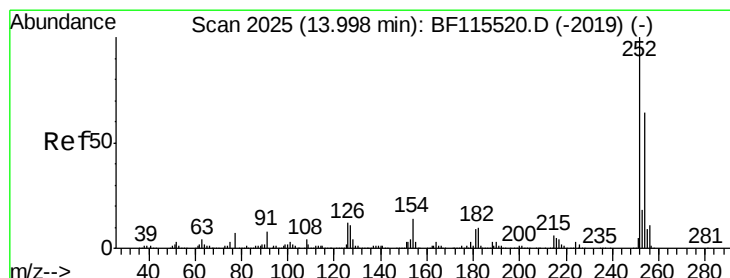
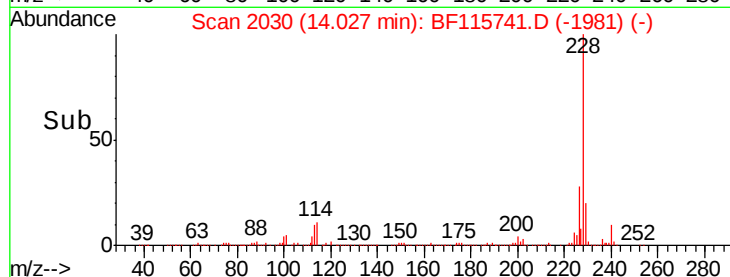
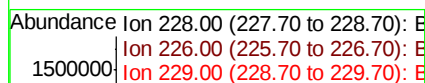
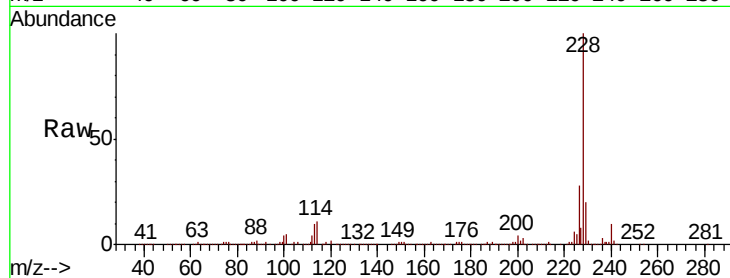
Tot Ion:228 Resp: 1111993

Ion	Ratio	Lower	Upper
228	100		
226	27.6	23.4	35.0
229	19.8	17.2	25.8

228 100

226 27.6 23.4 35.0

229 19.8 17.2 25.8



#82

3,3'-Dichlorobenzidine

Concen: 36.587 ng

RT: 13.98 min Scan# 2022

Delta R.T. -0.02 min

Lab File: BF115741.D

Acq: 24 Jul 2019 9:24

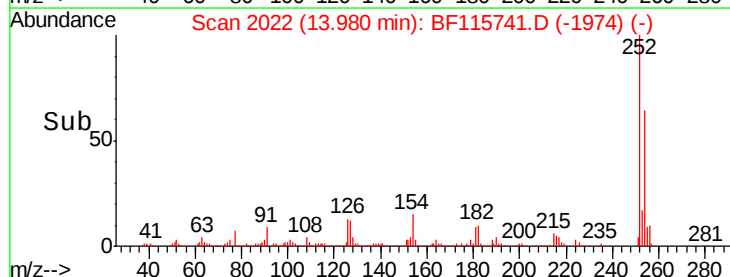
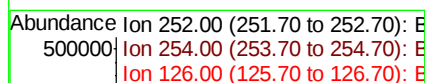
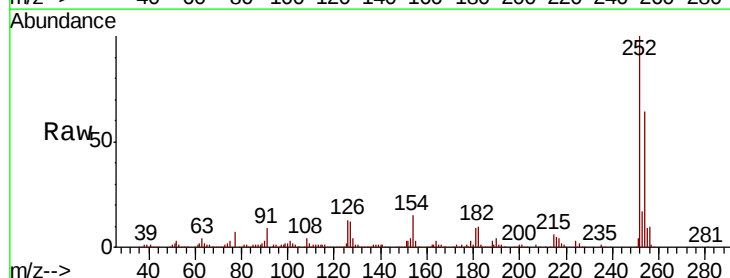
Tgt Ion:252 Resp: 354738

Ion	Ratio	Lower	Upper
252	100		
254	64.3	52.9	79.3
126	12.8	9.9	14.9

252 100

254 64.3 52.9 79.3

126 12.8 9.9 14.9

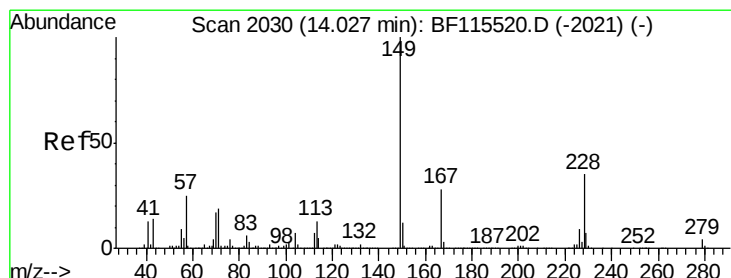
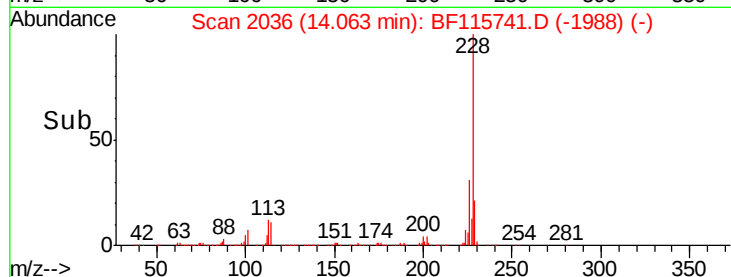
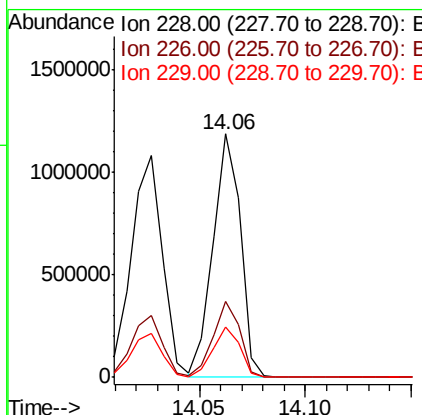
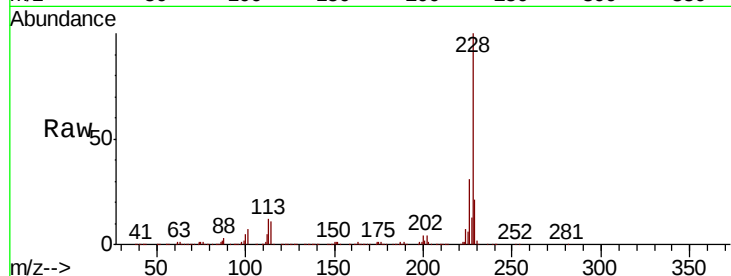




#83
 Chrvsene
 Concen: 39.408 ng
 RT: 14.06 min Scan# 2036
 Delta R.T. -0.02 min
 Lab File: BF115741.D
 Acq: 24 Jul 2019 9:24

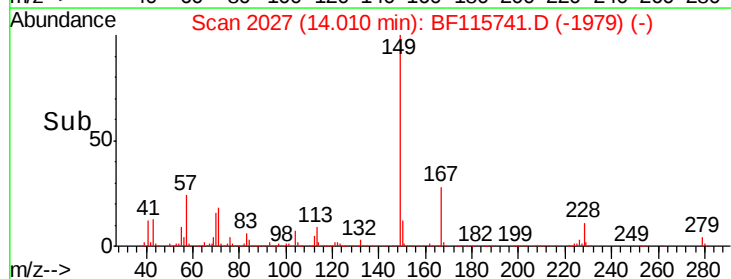
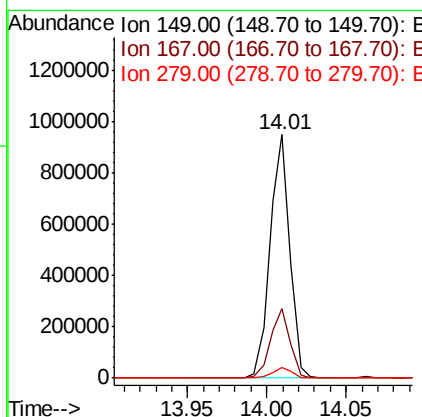
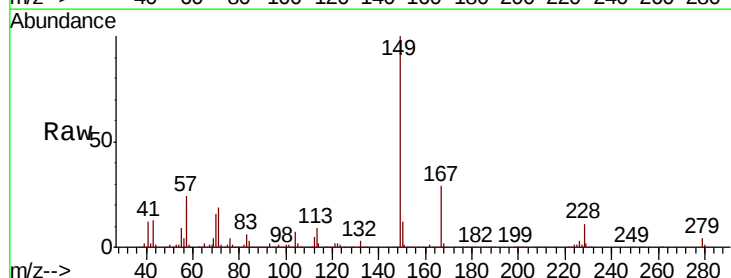
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:228 Resp: 1078970
 Ion Ratio Lower Upper
 228 100
 226 31.1 25.7 38.5
 229 20.8 16.6 25.0



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 44.936 ng
 RT: 14.01 min Scan# 2027
 Delta R.T. -0.02 min
 Lab File: BF115741.D
 Acq: 24 Jul 2019 9:24

Tgt Ion:149 Resp: 832274
 Ion Ratio Lower Upper
 149 100
 167 28.5 23.0 34.4
 279 4.4 4.2 6.2





#85

Di-n-octyl phthalate

Concen: 46.487 ng

RT: 14.62 min Scan# 2131

Delta R.T. -0.02 min

Lab File: BF115741.D

Acq: 24 Jul 2019 9:24

Instrument :

BNA_F

ClientSampleId :

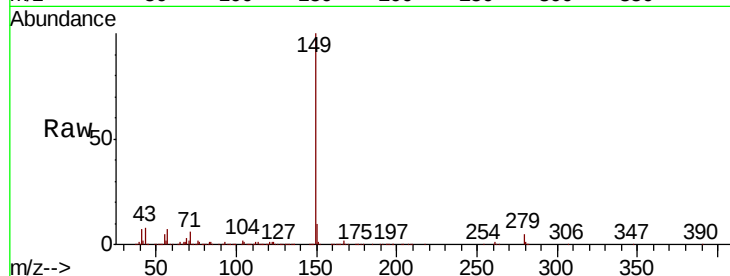
Tot Ion:149 Resp: 1369932

Ion Ratio Lower Upper

149 100

167 1.7 1.4 2.0

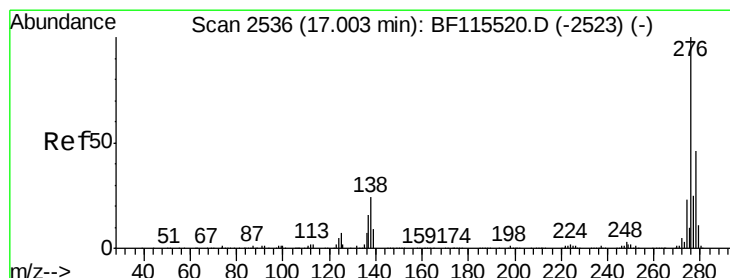
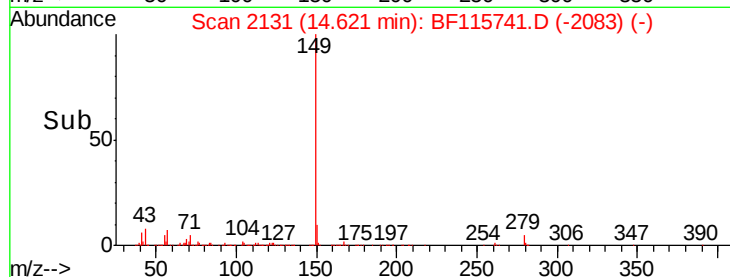
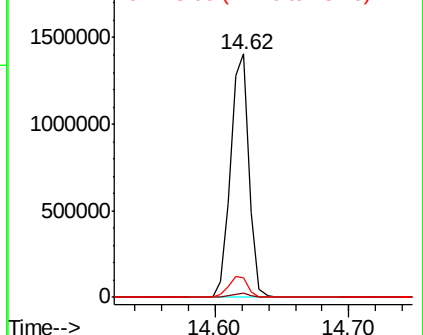
43 8.7 7.2 10.8



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: 39.272 ng

RT: 16.99 min Scan# 2533

Delta R.T. -0.02 min

Lab File: BF115741.D

Acq: 24 Jul 2019 9:24

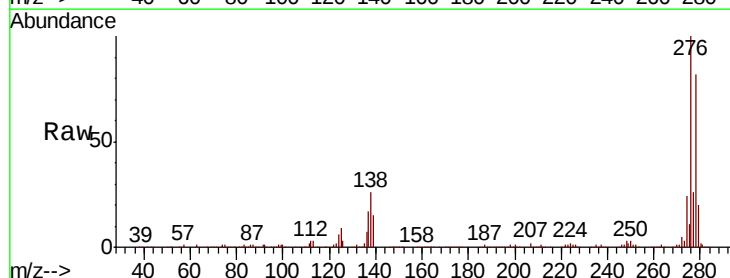
Tgt Ion:276 Resp: 913498

Ion Ratio Lower Upper

276 100

138 25.4 20.2 30.2

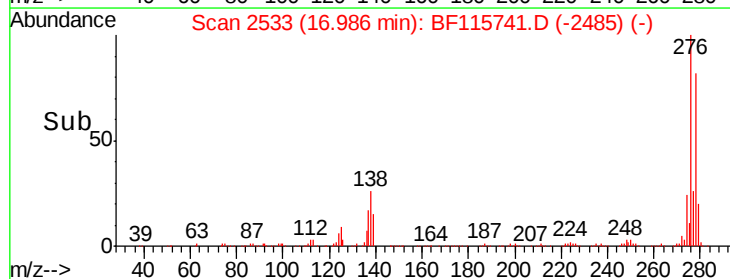
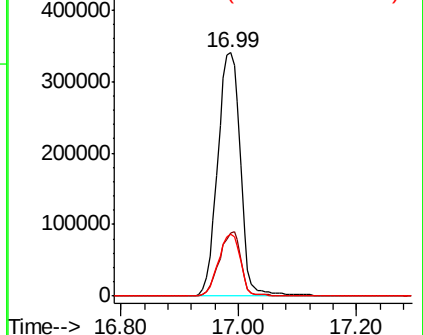
277 25.0 20.4 30.6

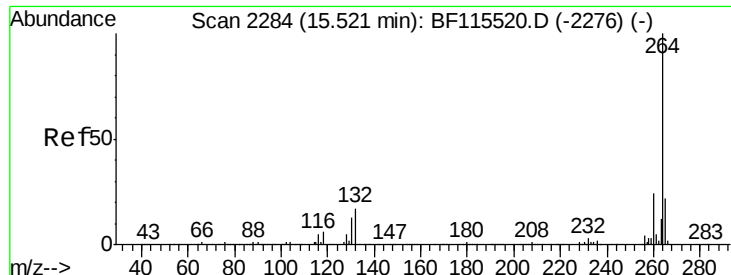


Abundance Ion 276.00 (275.70 to 276.70): E

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: BF115741.D

Acq: 24 Jul 2019 9:24

Instrument :

BNA_F

ClientSampleId :

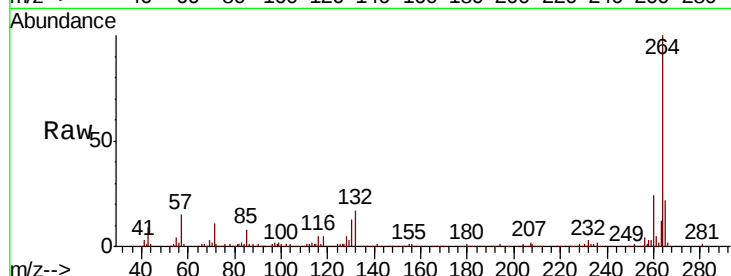
Tot Ion:264 Resp: 349226

Ion Ratio Lower Upper

264 100

260 24.4 19.8 29.8

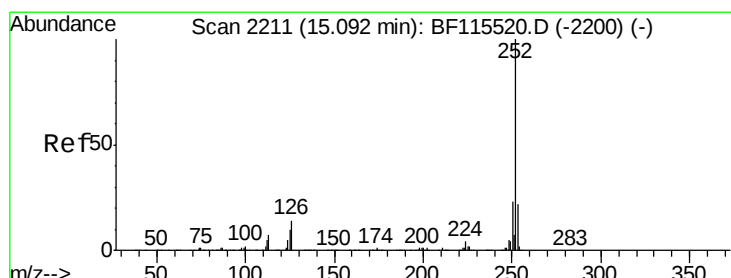
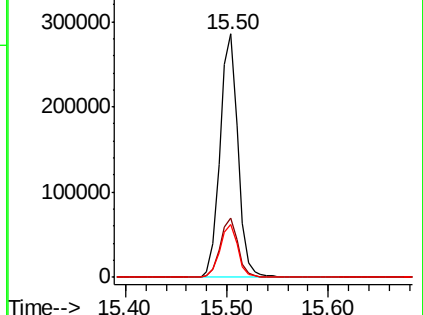
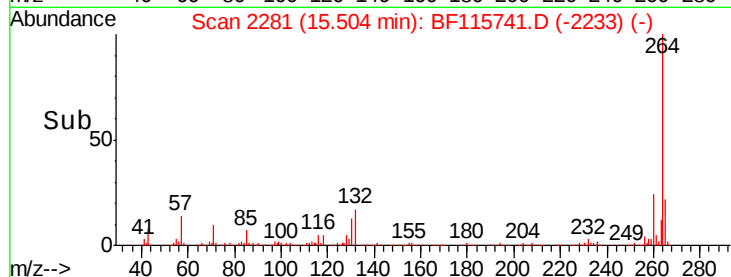
265 21.6 17.7 26.5



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: 47.426 ng

RT: 15.07 min Scan# 2208

Delta R.T. -0.02 min

Lab File: BF115741.D

Acq: 24 Jul 2019 9:24

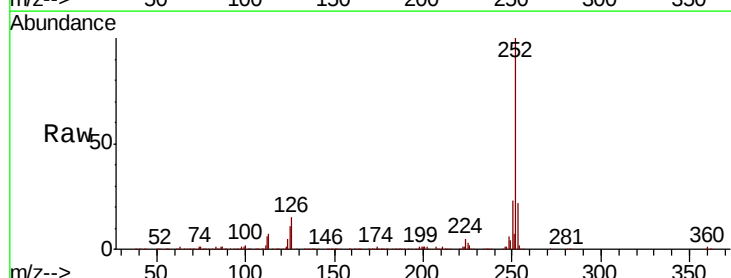
Tgt Ion:252 Resp: 1066492

Ion Ratio Lower Upper

252 100

253 22.4 18.1 27.1

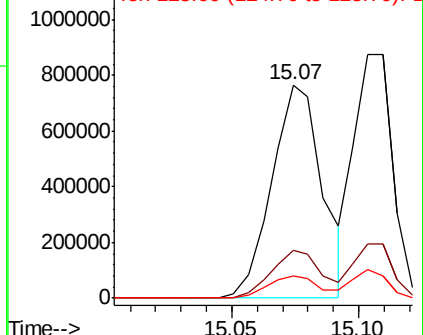
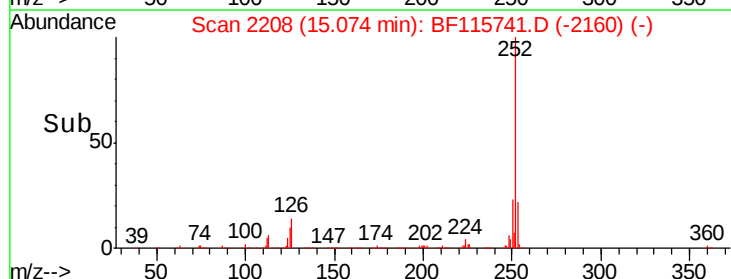
125 10.7 9.0 13.4

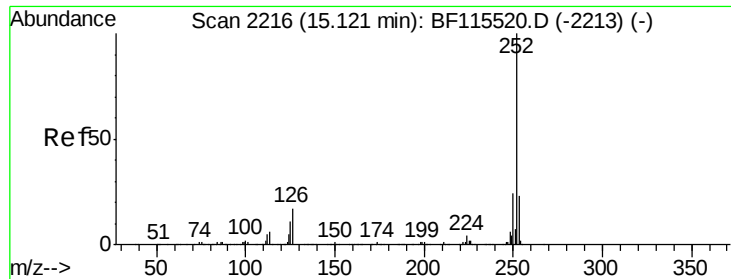


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 46.831 ng

RT: 15.11 min Scan# 2214

Delta R.T. -0.01 min

Lab File: BF115741.D

Acq: 24 Jul 2019 9:24

Instrument :

BNA_F

ClientSampled :

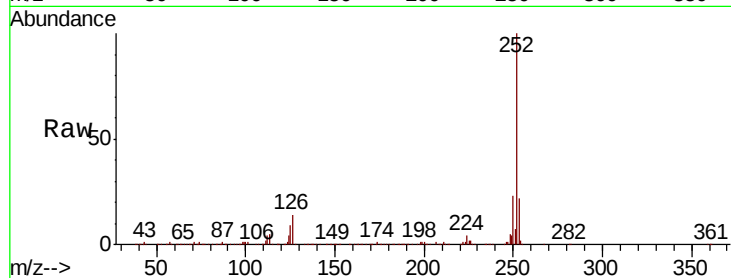
Tot Ion:252 Resp: 938901

Ion Ratio Lower Upper

252 100

253 22.2 18.6 28.0

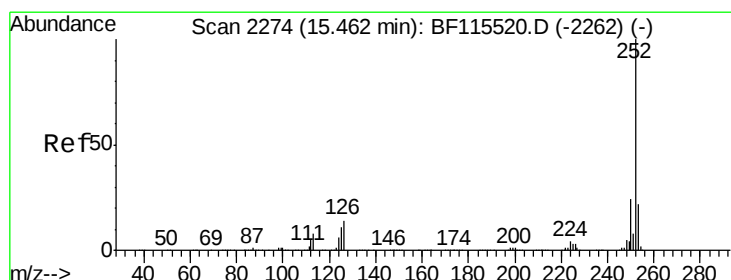
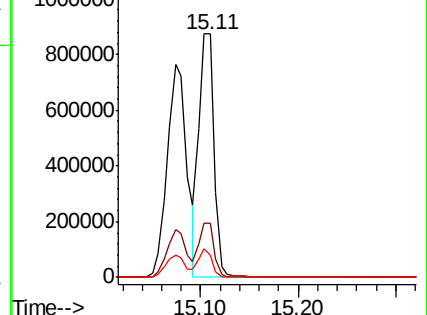
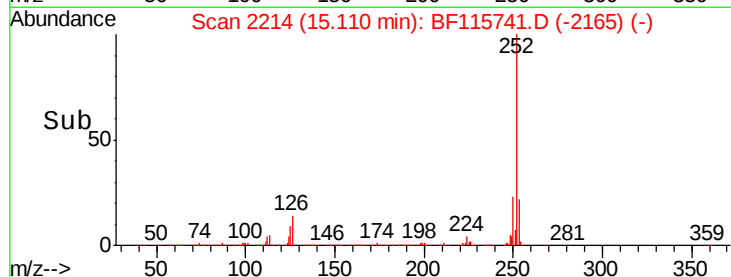
125 9.1 9.0 13.6



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 47.787 ng

RT: 15.44 min Scan# 2271

Delta R.T. -0.02 min

Lab File: BF115741.D

Acq: 24 Jul 2019 9:24

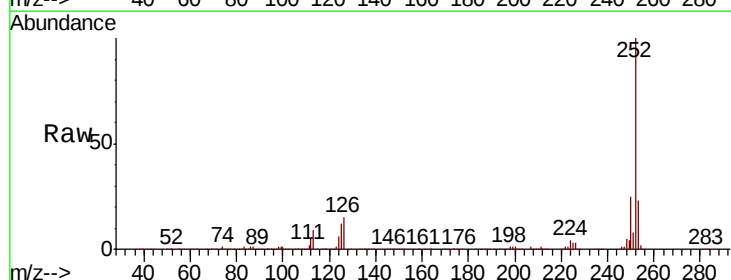
Tgt Ion:252 Resp: 923599

Ion Ratio Lower Upper

252 100

253 22.7 17.8 26.6

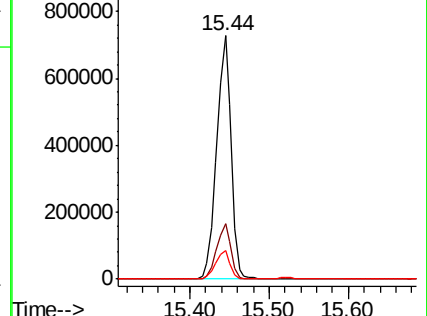
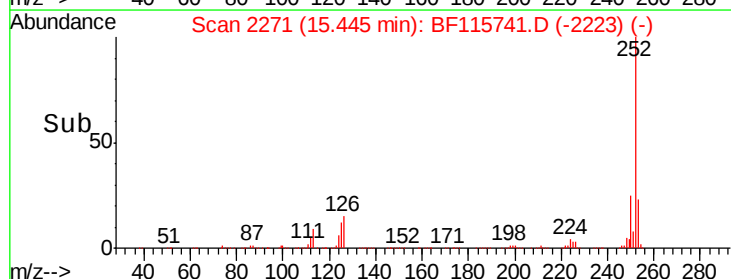
125 11.7 9.1 13.7

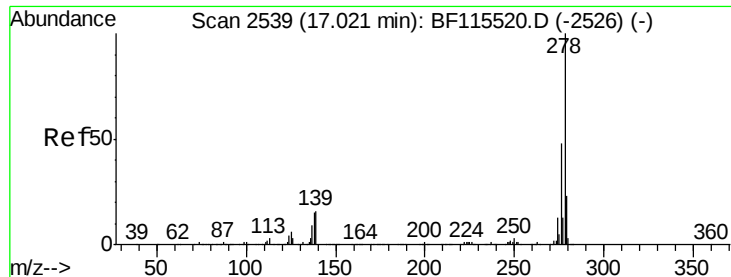


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 45.231 ng

RT: 17.00 min Scan# 2535

Delta R.T. -0.02 min

Lab File: BF115741.D

Acq: 24 Jul 2019 9:24

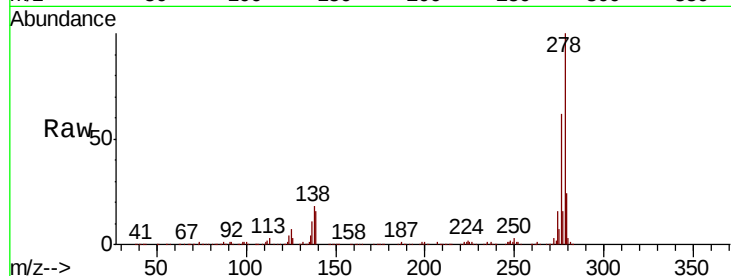
Instrument :

BNA_F

ClientSampled :

Tot Ion:278 Resp: 767469

Ion	Ratio	Lower	Upper
278	100		
139	16.0	13.1	19.7
279	23.6	19.6	29.4

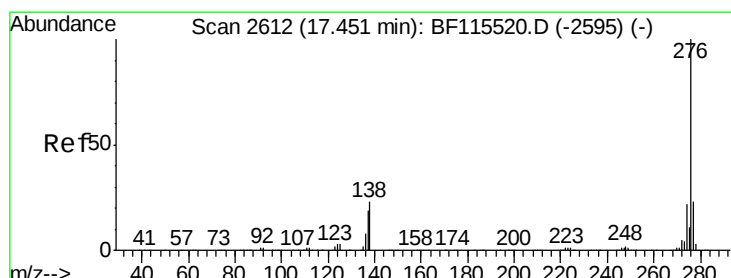
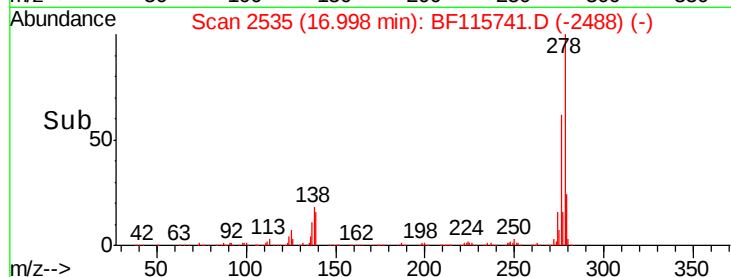
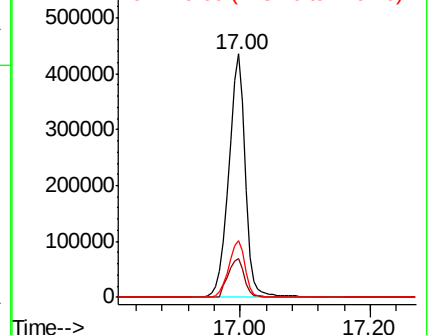


Abundance

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: 43.233 ng

RT: 17.43 min Scan# 2608

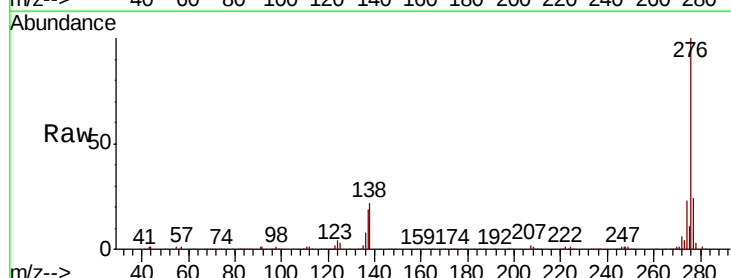
Delta R.T. -0.02 min

Lab File: BF115741.D

Acq: 24 Jul 2019 9:24

Tgt Ion:276 Resp: 731603

Ion	Ratio	Lower	Upper
276	100		
277	23.5	19.0	28.4
138	21.8	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

