

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071819\
 Data File : BF115648.D
 Acq On : 18 Jul 2019 15:32
 Operator : HP/JU
 Sample : PB121479BSD
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 18 16:41:56 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	6.89	152	188292	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	795700	20.00	ng	0.00
39) Acenaphthene-d10	9.92	164	410858	20.00	ng	0.00
64) Phenanthrene-d10	11.40	188	776727	20.00	ng	0.00
76) Chrysene-d12	14.04	240	461930	20.00	ng	-0.01
87) Perylene-d12	15.50	264	331549	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.52	112	1217806	105.79	ng	0.02
7) Phenol-d6	6.52	99	1609965	110.22	ng	0.00
23) Nitrobenzene-d5	7.45	82	995604	72.75	ng	0.00
42) 2,4,6-Tribromophenol	10.71	330	471017	98.22	ng	0.00
45) 2-Fluorobiphenyl	9.24	172	1764970	75.19	ng	-0.01
79) Terphenyl-d14	12.99	244	1828136	73.02	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.78	88	219015	38.142	ng	98
3) Pyridine	3.53	79	456870	29.326	ng	99
4) n-Nitrosodimethylamine	3.47	42	208139	36.828	ng	94
6) Aniline	6.55	93	490804	24.145	ng	99
8) 2-Chlorophenol	6.67	128	500282	37.800	ng	98
9) Benzaldehyde	6.43	77	47946	5.253	ng	97
10) Phenol	6.53	94	631585	37.248	ng	86
11) bis(2-Chloroethyl)ether	6.62	93	484558	37.535	ng	98
12) 1,3-Dichlorobenzene	6.83	146	488929	32.858	ng	99
13) 1,4-Dichlorobenzene	6.90	146	507610	34.190	ng	98
14) 1,2-Dichlorobenzene	7.06	146	477852	35.209	ng	97
15) Benzyl Alcohol	7.03	79	413869	35.718	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.16	45	622848	36.647	ng	98
17) 2-Methylphenol	7.14	107	434861	38.127	ng	100
18) Hexachloroethane	7.40	117	190771	34.619	ng	96
19) n-Nitroso-di-n-propylamine	7.30	70	354607	37.224	ng	97
20) 3+4-Methylphenols	7.29	107	507606	37.468	ng	93
22) Acetophenone	7.29	105	685586	38.139	ng	# 98
24) Nitrobenzene	7.46	77	539476	36.550	ng	96
25) Isophorone	7.70	82	989790	36.147	ng	98
26) 2-Nitrophenol	7.78	139	290862	38.286	ng	98
27) 2,4-Dimethylphenol	7.82	122	497554	43.772	ng	100
28) bis(2-Chloroethoxy)methane	7.91	93	636802	37.908	ng	99
29) 2,4-Dichlorophenol	8.02	162	447431	37.848	ng	100
30) 1,2,4-Trichlorobenzene	8.11	180	474326	35.496	ng	98
31) Naphthalene	8.19	128	1426039	37.005	ng	97
32) Benzoic acid	7.95	122	344942	36.977	ng	98
33) 4-Chloroaniline	8.23	127	384003	22.497	ng	99
34) Hexachlorobutadiene	8.31	225	264763	34.550	ng	98
35) Caprolactam	8.60	113	90952	24.897	ng	96
36) 4-Chloro-3-methylphenol	8.72	107	474706	38.711	ng	99
37) 2-Methylnaphthalene	8.88	142	994884	38.947	ng	98
38) 1-Methylnaphthalene	8.98	142	905948	37.339	ng	98
40) 1,2,4,5-Tetrachlorobenzene	9.05	216	441457	35.681	ng	98

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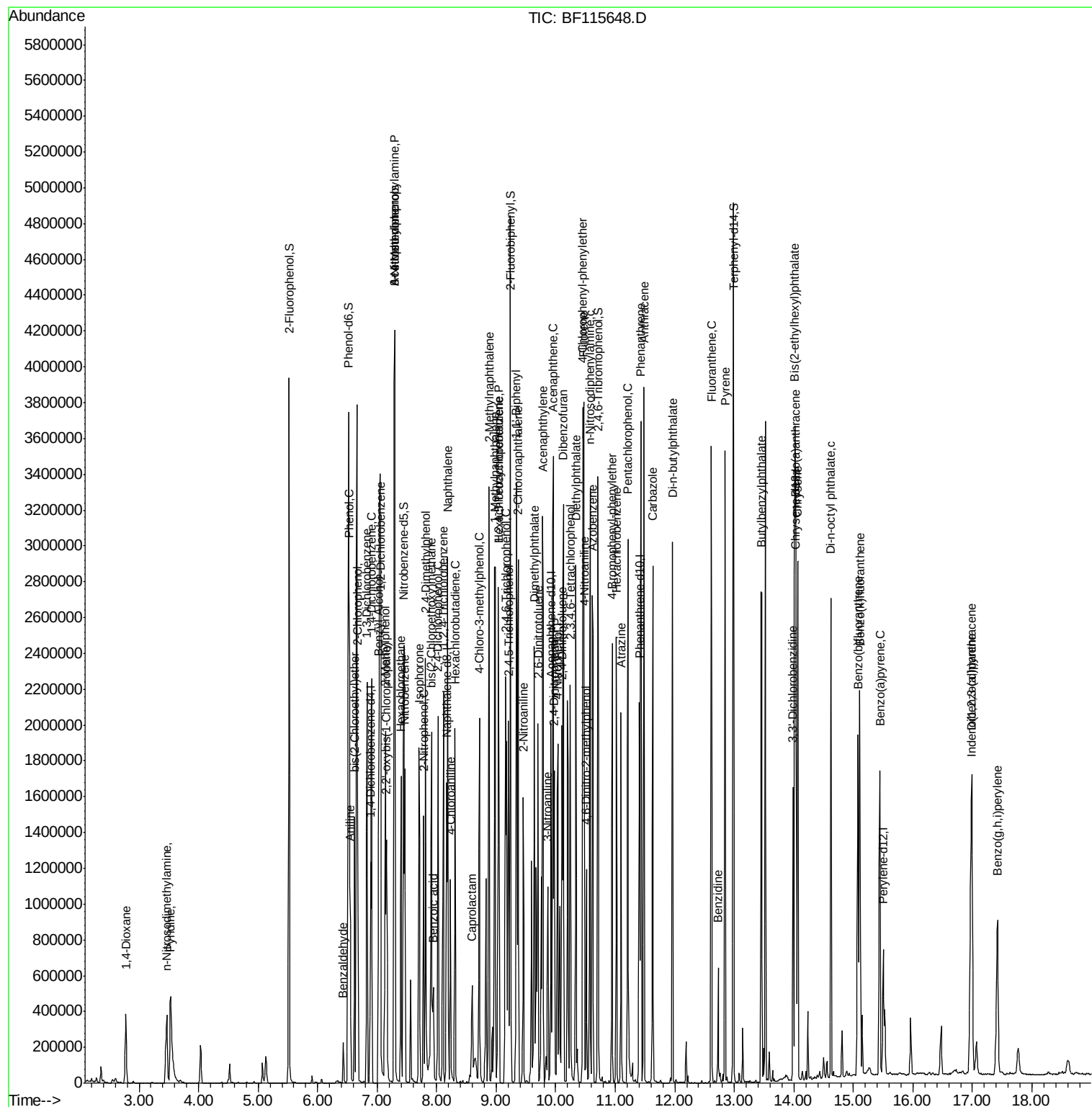
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.03	237	338606	47.977	ng	99
43) 2,4,6-Trichlorophenol	9.16	196	307111	33.943	ng	100
44) 2,4,5-Trichlorophenol	9.20	196	332284	35.861	ng	98
46) 1,1'-Biphenyl	9.34	154	1165644	36.290	ng	98
47) 2-Chloronaphthalene	9.37	162	908696	33.976	ng	97
48) 2-Nitroaniline	9.46	65	274487	33.159	ng	100
49) Acenaphthylene	9.78	152	1451168	36.618	ng	98
50) Dimethylphthalate	9.64	163	1123536	36.347	ng	99
51) 2,6-Dinitrotoluene	9.70	165	263920	37.569	ng	97
52) Acenaphthene	9.96	154	990460	38.712	ng	99
53) 3-Nitroaniline	9.87	138	194832	24.270	ng	93
54) 2,4-Dinitrophenol	9.97	184	259577	71.971	ng	96
55) Dibenzofuran	10.13	168	1325584	36.483	ng	100
56) 4-Nitrophenol	10.03	139	380125	62.096	ng	98
57) 2,4-Dinitrotoluene	10.10	165	353140	38.802	ng	98
58) Fluorene	10.47	166	934279	35.968	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.25	232	296893	38.329	ng	99
60) Diethylphthalate	10.34	149	1087247	37.539	ng	100
61) 4-Chlorophenyl-phenylether	10.46	204	496909	34.497	ng	97
62) 4-Nitroaniline	10.48	138	238459	30.967	ng	97
63) Azobenzene	10.62	77	1094383	38.956	ng	96
65) 4,6-Dinitro-2-methylphenol	10.52	198	172747	36.402	ng	95
66) n-Nitrosodiphenylamine	10.57	169	868722	35.955	ng	98
67) 4-Bromophenyl-phenylether	10.95	248	300358	33.839	ng	99
68) Hexachlorobenzene	11.02	284	351765	34.703	ng	97
69) Atrazine	11.10	200	266444	33.616	ng	99
70) Pentachlorophenol	11.21	266	413662	66.722	ng	99
71) Phenanthrene	11.43	178	1450289	36.426	ng	98
72) Anthracene	11.48	178	1455701	35.378	ng	99
73) Carbazole	11.63	167	1253165	34.731	ng	99
74) Di-n-butylphthalate	11.96	149	1643558	36.979	ng	100
75) Fluoranthene	12.62	202	1450048	34.465	ng	99
77) Benzidine	12.73	184	253759	15.507	ng	100
78) Pyrene	12.85	202	1454212	37.158	ng	98
80) Butylbenzylphthalate	13.46	149	651223	39.034	ng	97
81) Benzo(a)anthracene	14.03	228	1103818	36.272	ng	98
82) 3,3'-Dichlorobenzidine	13.99	252	335622	31.023	ng	98
83) Chrysene	14.07	228	1107234	36.244	ng	97
84) Bis(2-ethylhexyl)phthalate	14.02	149	853957	41.322	ng	99
85) Di-n-octyl phthalate	14.62	149	1358589	41.318	ng	99
86) Indeno(1,2,3-cd)pyrene	16.97	276	983997	37.913	ng	99
88) Benzo(b)fluoranthene	15.07	252	1038576	48.647	ng	100
89) Benzo(k)fluoranthene	15.11	252	943210	49.554	ng	97
90) Benzo(a)pyrene	15.44	252	896197	48.841	ng	100
91) Dibenzo(a,h)anthracene	16.99	278	825149	51.223	ng	99
92) Benzo(g,h,i)perylene	17.42	276	771714	48.035	ng	98

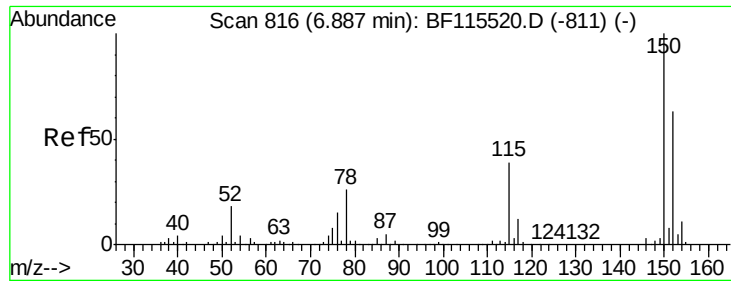
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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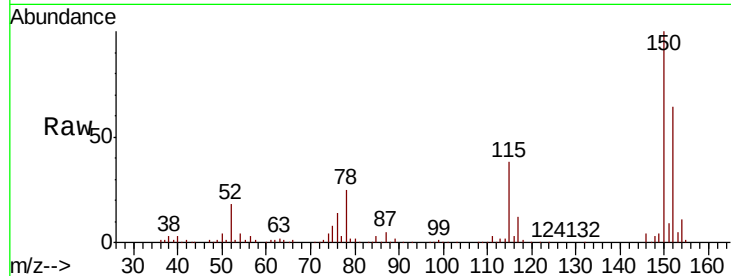


#1

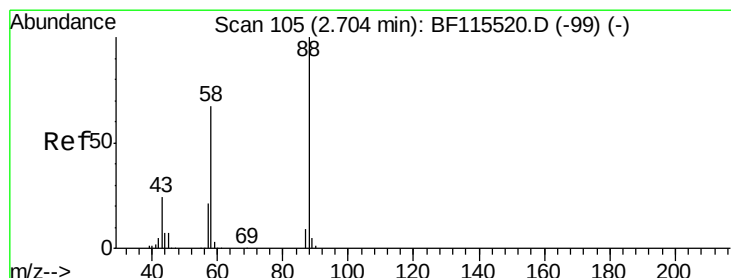
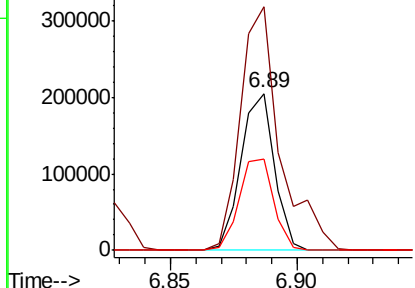
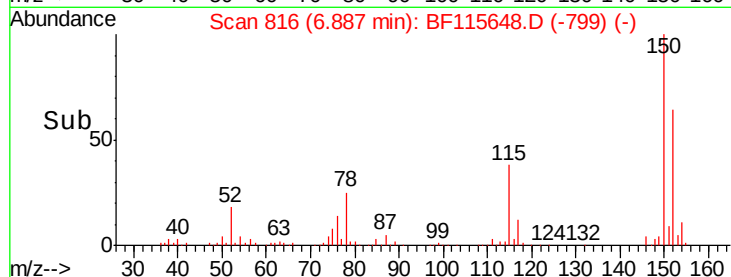
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.89 min Scan# 816
Delta R.T. 0.00 min
Lab File: BF115648.D
Acq: 18 Jul 2019 15:32

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 188292
Ion Ratio Lower Upper
152 100
150 155.2 129.7 194.5
115 58.5 48.2 72.4



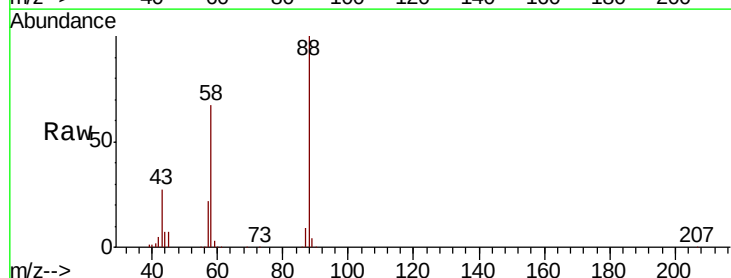
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



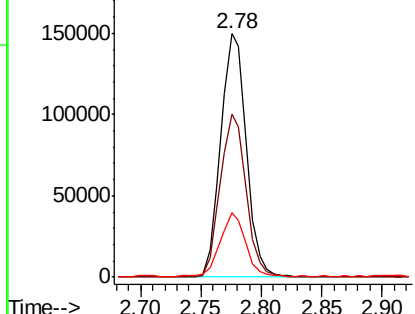
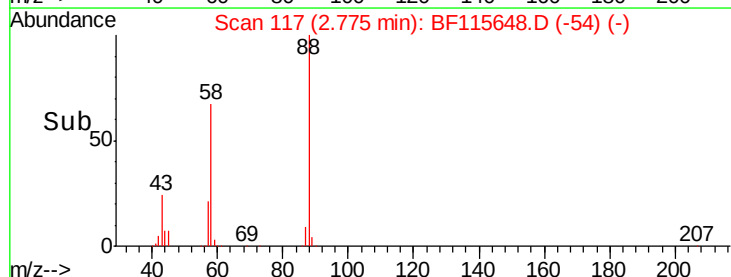
#2

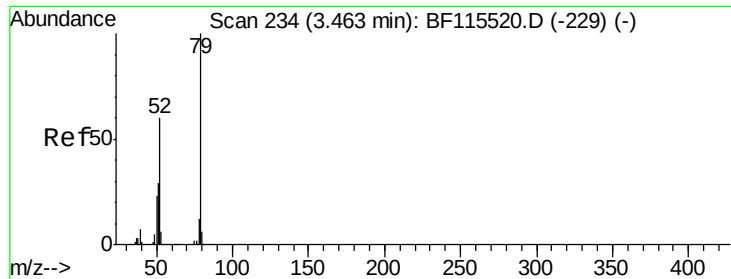
1,4-Dioxane
Concen: 38.142 ng
RT: 2.78 min Scan# 117
Delta R.T. 0.07 min
Lab File: BF115648.D
Acq: 18 Jul 2019 15:32

Tgt Ion: 88 Resp: 219015
Ion Ratio Lower Upper
88 100
58 67.6 52.6 79.0
43 25.3 19.1 28.7



Abundance Ion 88.00 (87.70 to 88.70): BF1
Ion 58.00 (57.70 to 58.70): BF1
Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 29.326 ng

RT: 3.53 min Scan# 245

Delta R.T. 0.06 min

Lab File: BF115648.D

Acq: 18 Jul 2019 15:32

Instrument :

BNA_F

ClientSampleId :

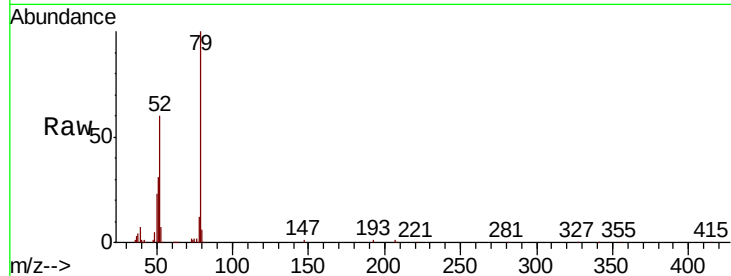
Tot Ion: 79 Resp: 456870

Ion Ratio Lower Upper

79 100

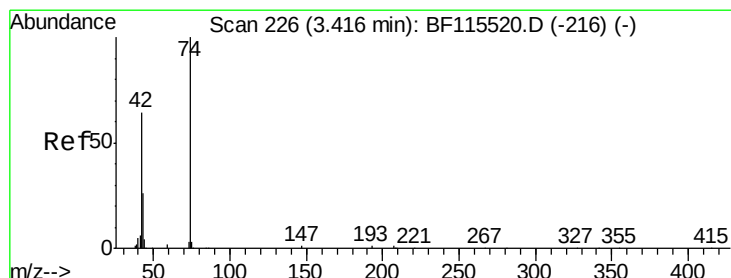
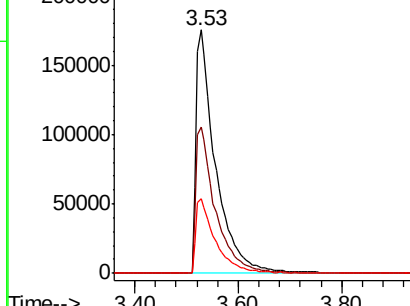
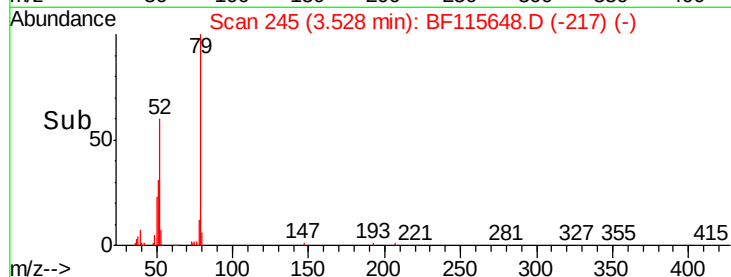
52 60.2 47.8 71.6

51 30.8 23.8 35.8



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

3.53



#4

n-Nitrosodimethylamine

Concen: 36.828 ng

RT: 3.47 min Scan# 235

Delta R.T. 0.05 min

Lab File: BF115648.D

Acq: 18 Jul 2019 15:32

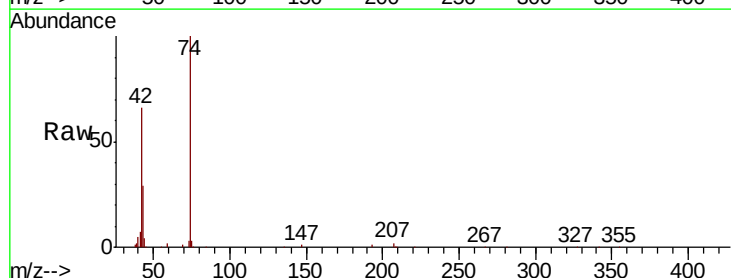
Tgt Ion: 42 Resp: 208139

Ion Ratio Lower Upper

42 100

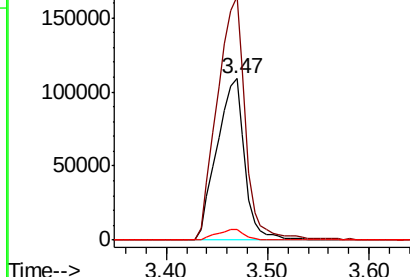
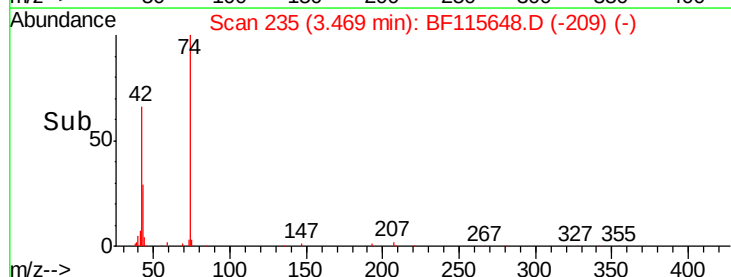
74 151.1 127.5 191.3

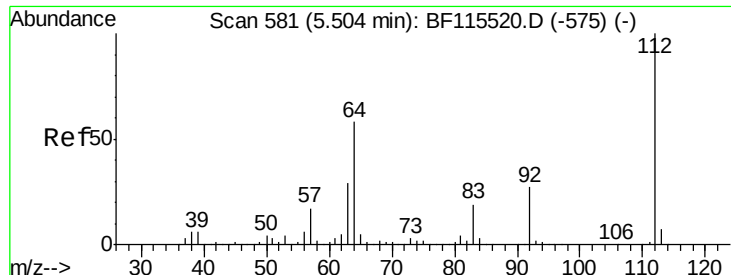
44 6.4 5.0 7.6



Abundance Ion 42.00 (41.70 to 42.70): BF1
Ion 74.00 (73.70 to 74.70): BF1
Ion 44.00 (43.70 to 44.70): BF1

3.47





#5

2-Fluorophenol

Concen: 105.792 ng

RT: 5.52 min Scan# 584

Delta R.T. 0.02 min

Lab File: BF115648.D

Acq: 18 Jul 2019 15:32

Instrument :

BNA_F

ClientSampleId :

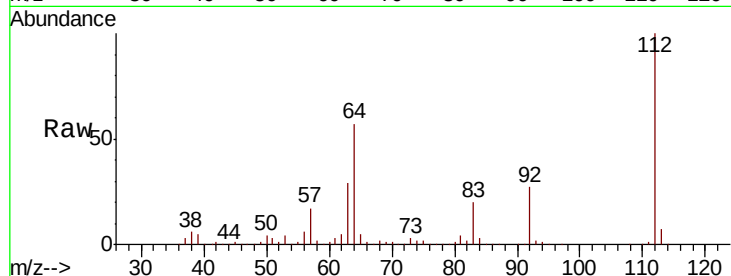
Tot Ion:112 Resp: 1217806

Ion Ratio Lower Upper

112 100

64 57.1 46.8 70.2

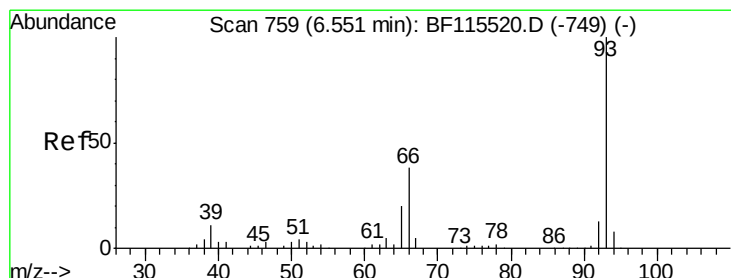
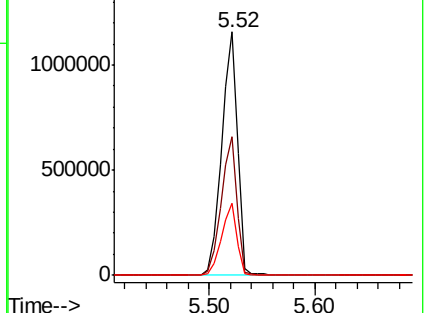
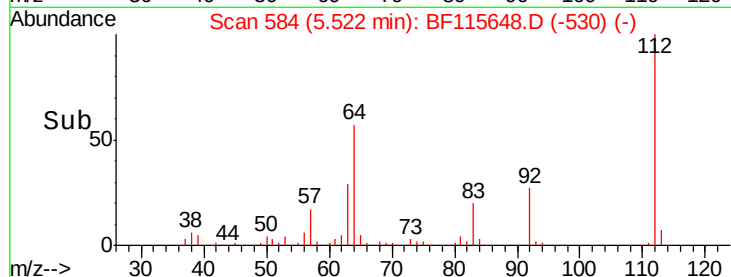
63 29.4 24.1 36.1



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 24.145 ng

RT: 6.55 min Scan# 758

Delta R.T. -0.01 min

Lab File: BF115648.D

Acq: 18 Jul 2019 15:32

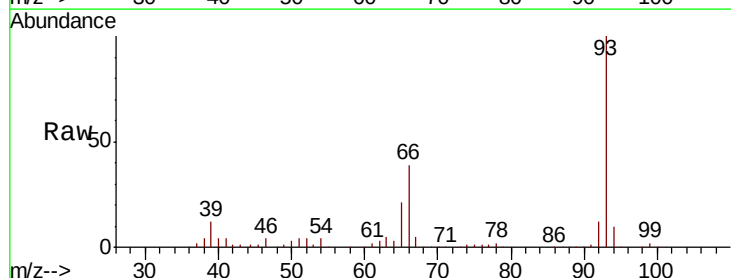
Tgt Ion: 93 Resp: 490804

Ion Ratio Lower Upper

93 100

66 39.1 31.7 47.5

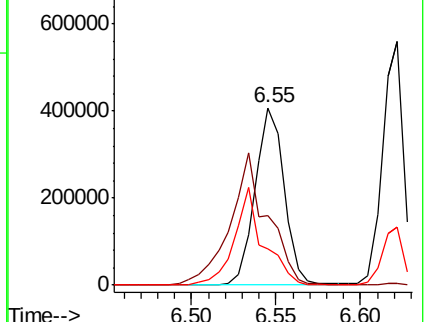
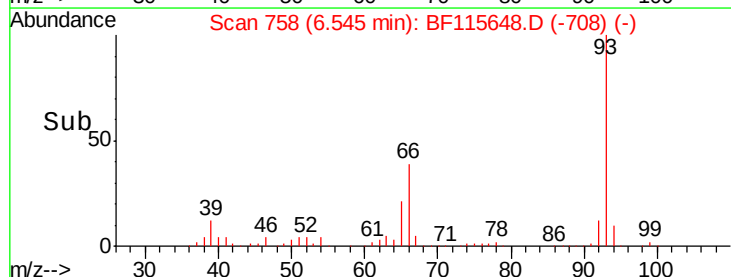
65 20.5 16.2 24.2

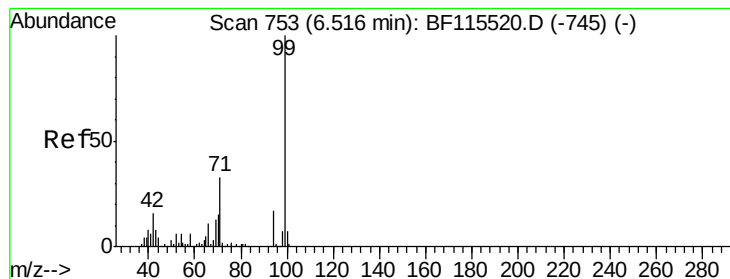


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 110.222 ng

RT: 6.52 min Scan# 754

Delta R.T. 0.01 min

Lab File: BF115648.D

Acq: 18 Jul 2019 15:32

Instrument :

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ClientSampleId :

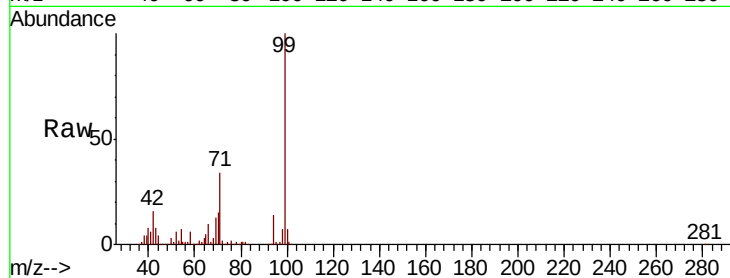
Tot Ion: 99 Resp: 1609965

Ion Ratio Lower Upper

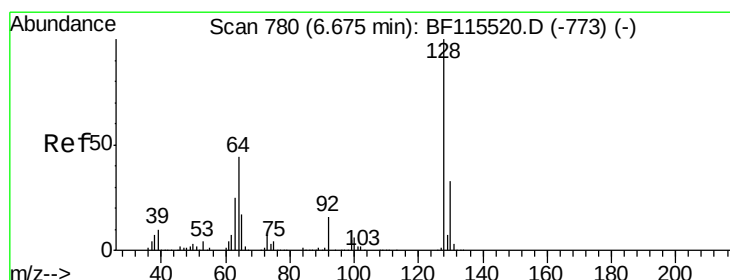
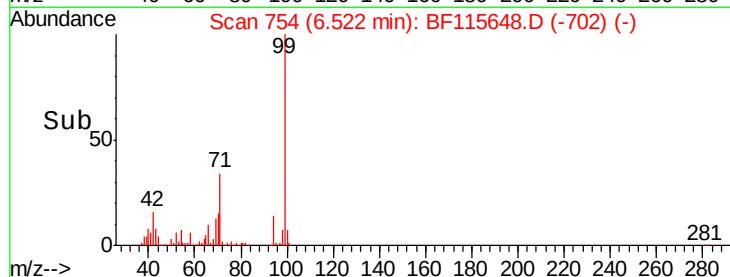
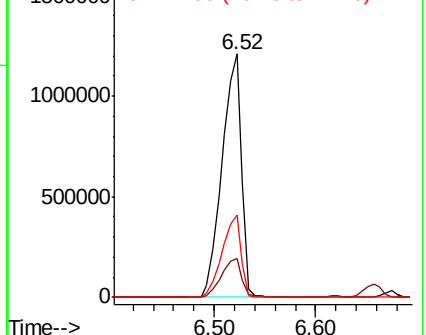
99 100

42 16.1 13.6 20.4

71 33.8 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: 37.800 ng

RT: 6.67 min Scan# 780

Delta R.T. 0.00 min

Lab File: BF115648.D

Acq: 18 Jul 2019 15:32

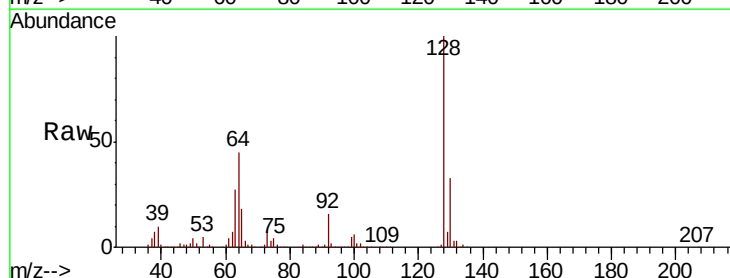
Tgt Ion: 128 Resp: 500282

Ion Ratio Lower Upper

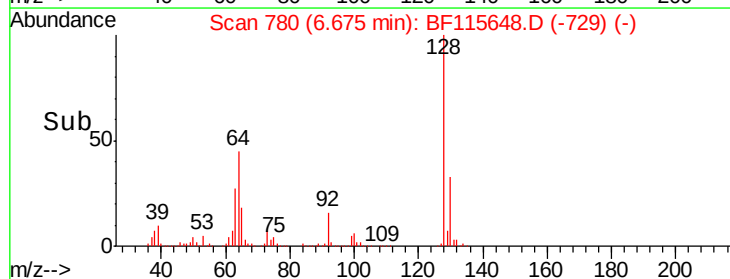
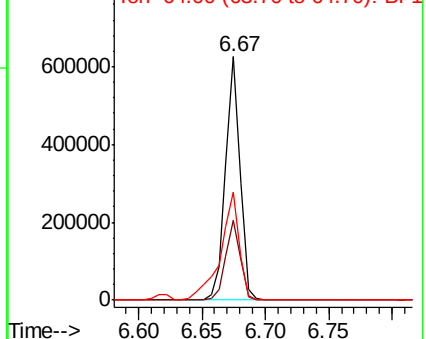
128 100

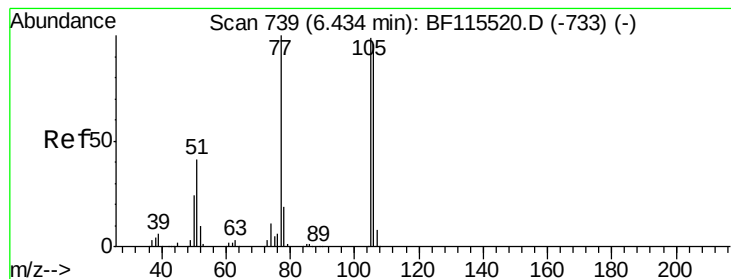
130 33.0 12.8 52.8

64 44.5 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: 5.253 ng

RT: 6.43 min Scan# 738

Delta R.T. -0.01 min

Lab File: BF115648.D

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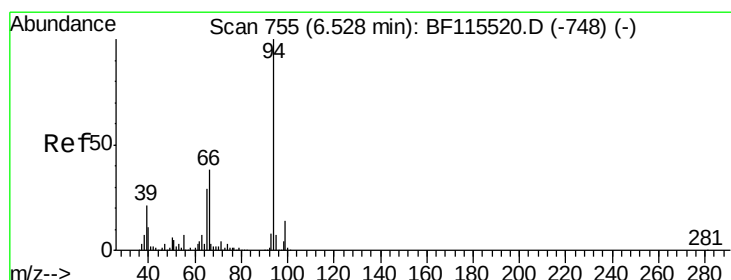
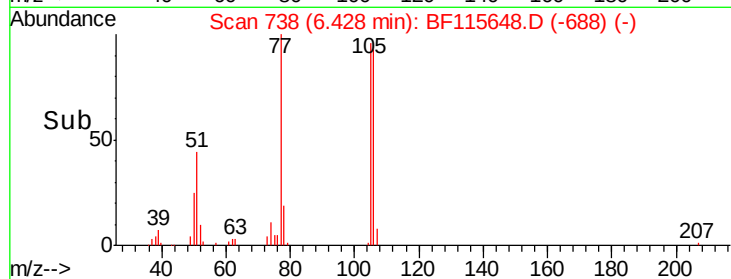
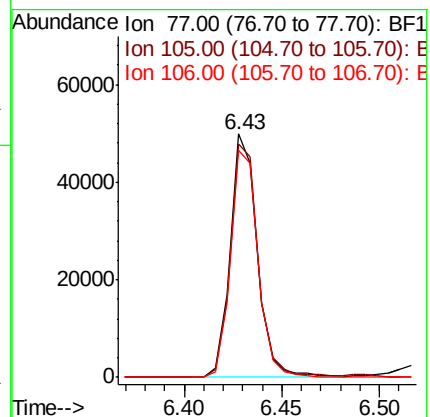
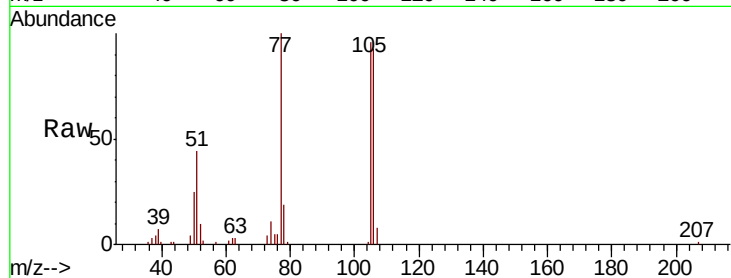
Tot Ion: 77 Resp: 47946

Ion Ratio Lower Upper

77 100

105 95.9 78.8 118.8

106 93.2 75.6 115.6



#10

Phenol

Concen: 37.248 ng

RT: 6.53 min Scan# 756

Delta R.T. 0.01 min

Lab File: BF115648.D

Acq: 18 Jul 2019 15:32

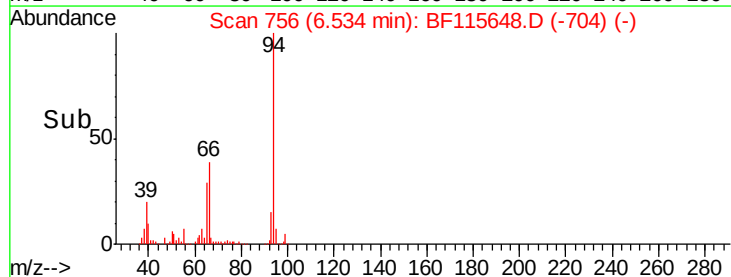
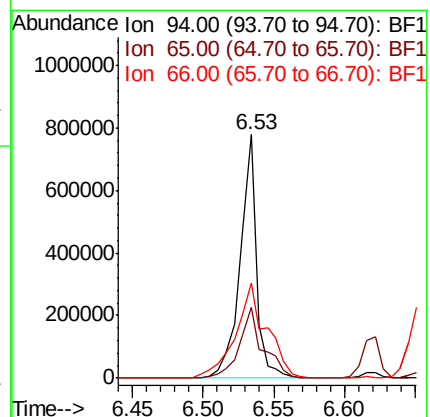
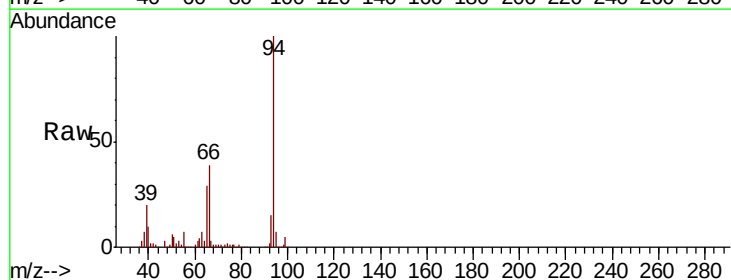
Tgt Ion: 94 Resp: 631585

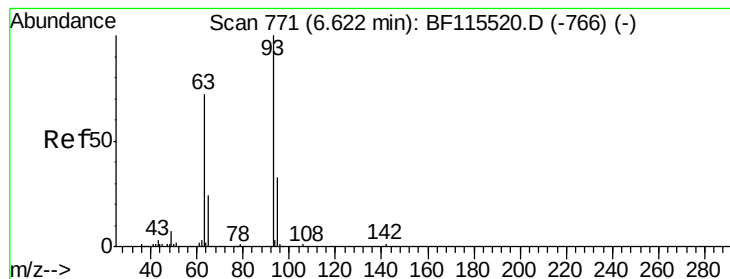
Ion Ratio Lower Upper

94 100

65 29.0 14.5 54.5

66 39.2 31.3 71.3





#11

bis(2-Chloroethyl)ether

Concen: 37.535 ng

RT: 6.62 min Scan# 771

Delta R.T. 0.00 min

Lab File: BF115648.D

Acq: 18 Jul 2019 15:32

Instrument :

BNA_F

ClientSampleId :

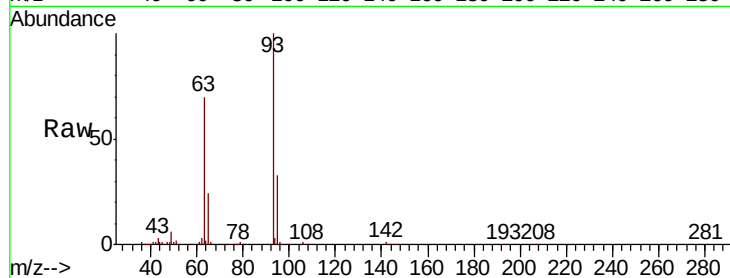
Tot Ion: 93 Resp: 484558

Ion Ratio Lower Upper

93 100

63 70.3 52.2 92.2

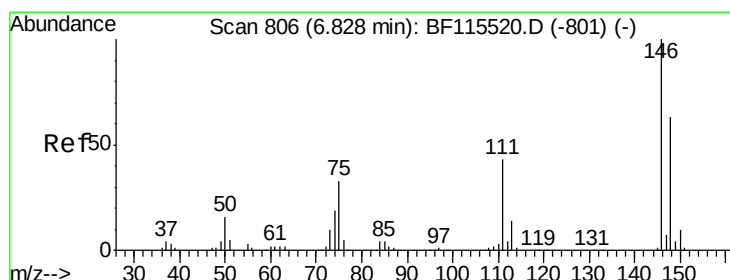
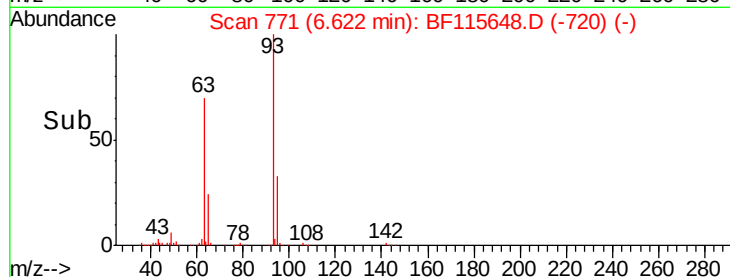
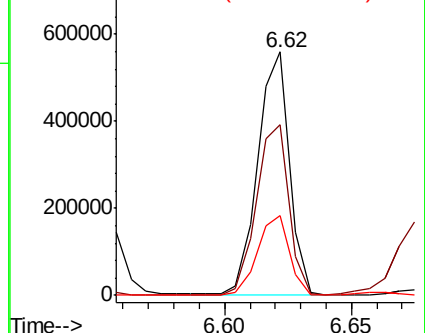
95 32.8 12.9 52.9



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: 32.858 ng

RT: 6.83 min Scan# 806

Delta R.T. 0.00 min

Lab File: BF115648.D

Acq: 18 Jul 2019 15:32

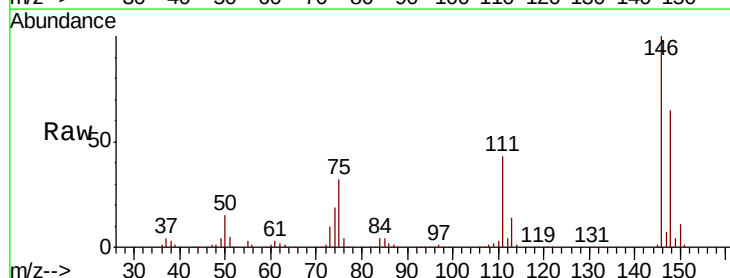
Tgt Ion: 146 Resp: 488929

Ion Ratio Lower Upper

146 100

148 65.1 52.1 78.1

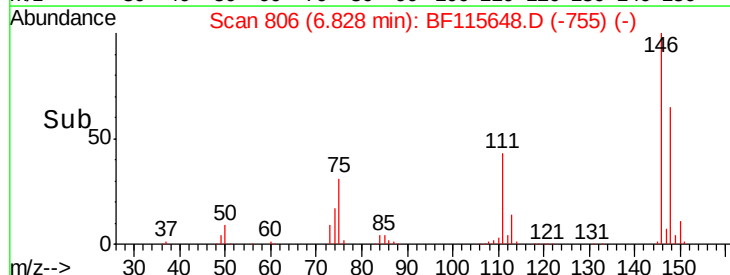
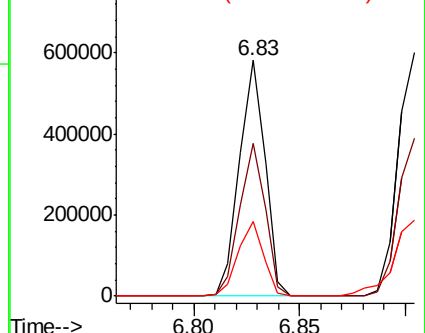
75 32.0 24.9 37.3

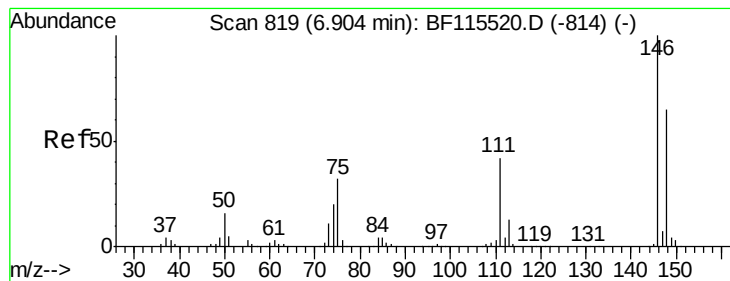


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF1





#13

1,4-Dichlorobenzene

Concen: 34.190 ng

RT: 6.90 min Scan# 819

Delta R.T. 0.00 min

Lab File: BF115648.D

Acq: 18 Jul 2019 15:32

Instrument :

BNA_F

ClientSampleId :

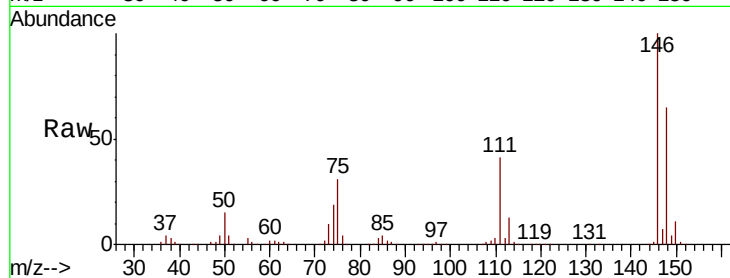
Tot Ion:146 Resp: 507610

Ion Ratio Lower Upper

146 100

148 64.6 51.8 77.6

111 40.6 35.5 53.3

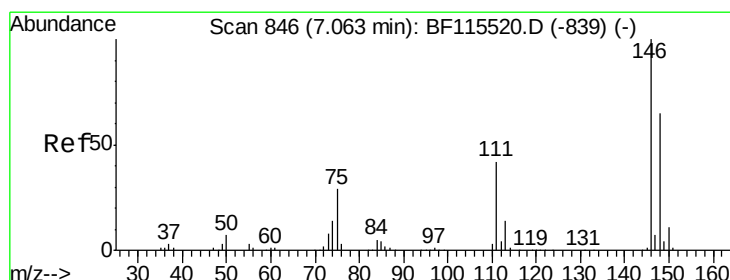
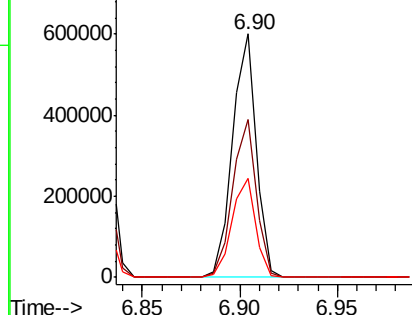
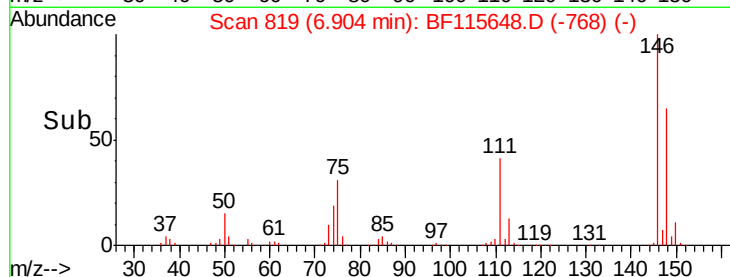


Abundance

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: 35.209 ng

RT: 7.06 min Scan# 845

Delta R.T. -0.01 min

Lab File: BF115648.D

Acq: 18 Jul 2019 15:32

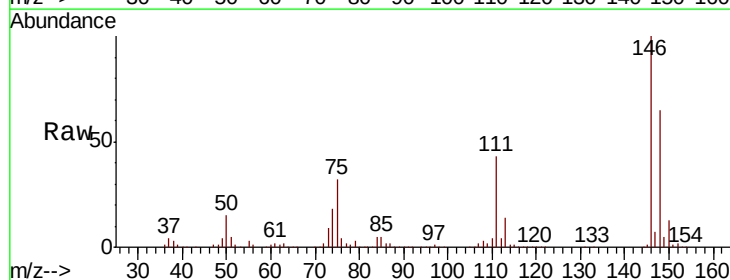
Tgt Ion:146 Resp: 477852

Ion Ratio Lower Upper

146 100

148 64.6 51.1 76.7

111 42.6 37.6 56.4

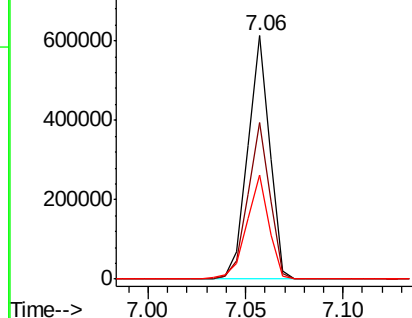
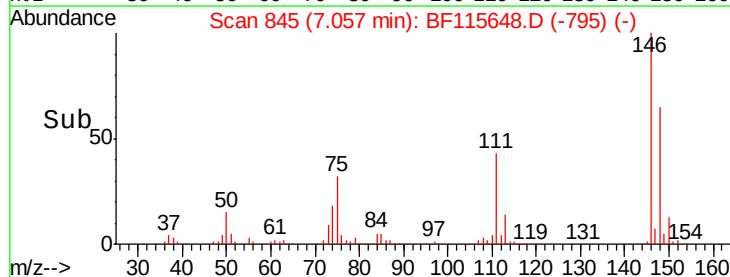


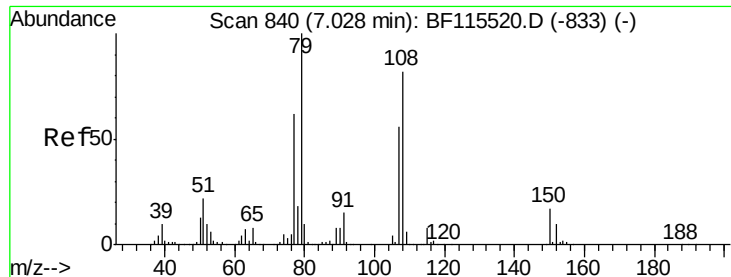
Abundance

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: 35.718 ng

RT: 7.03 min Scan# 840

Delta R.T. 0.00 min

Lab File: BF115648.D

Acq: 18 Jul 2019 15:32

Instrument :

BNA_F

ClientSampleId :

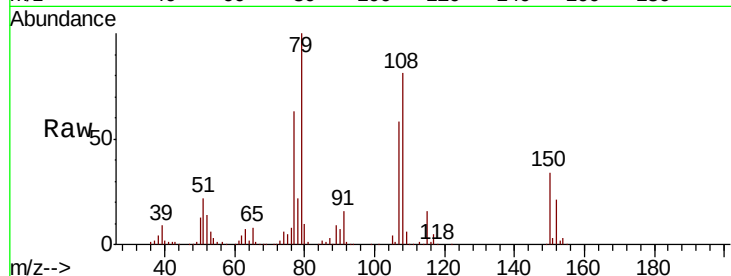
Tot Ion: 79 Resp: 413869

Ion Ratio Lower Upper

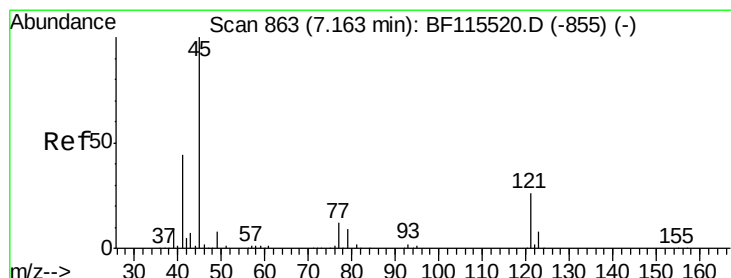
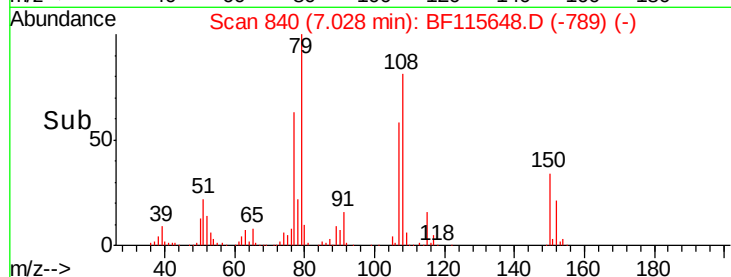
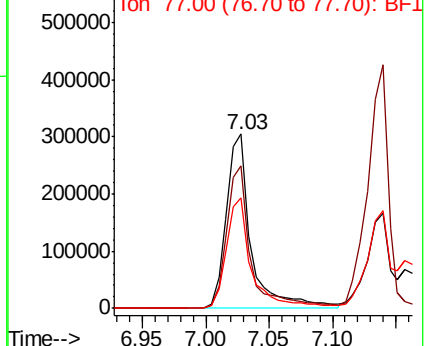
79 100

108 81.5 64.2 96.4

77 63.1 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: 36.647 ng

RT: 7.16 min Scan# 862

Delta R.T. -0.01 min

Lab File: BF115648.D

Acq: 18 Jul 2019 15:32

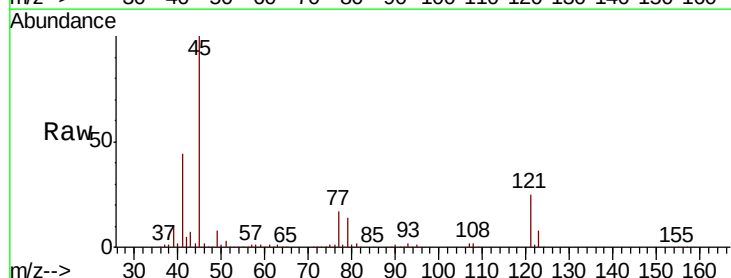
Tgt Ion: 45 Resp: 622848

Ion Ratio Lower Upper

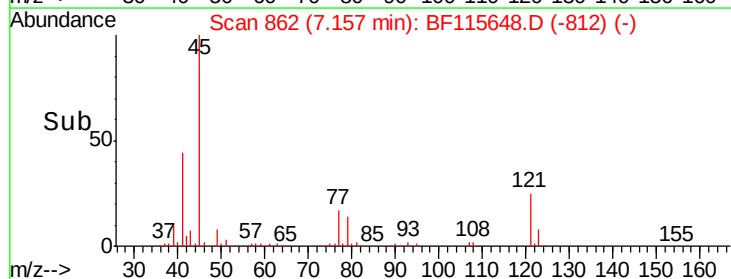
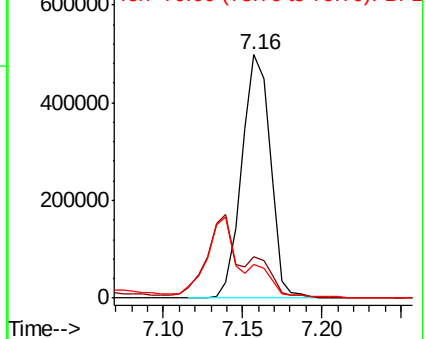
45 100

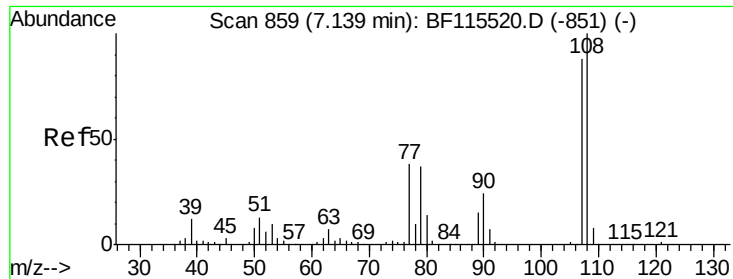
77 16.9 0.0 38.1

79 13.7 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

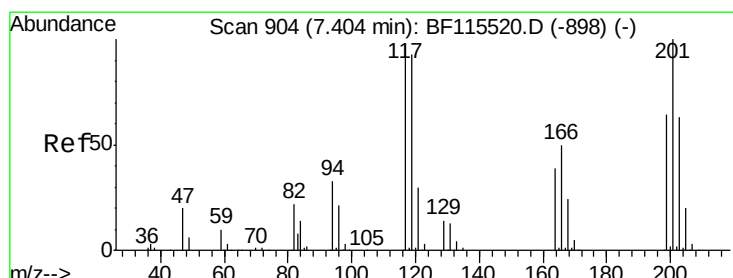
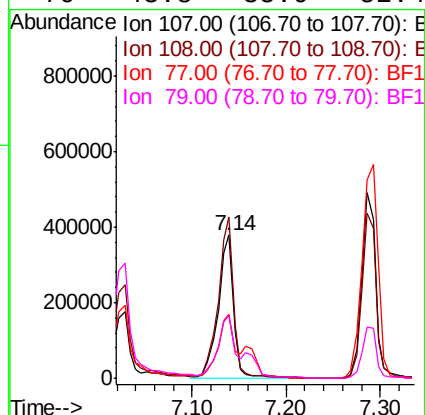
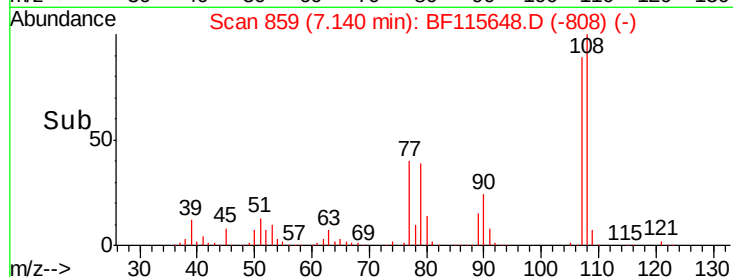
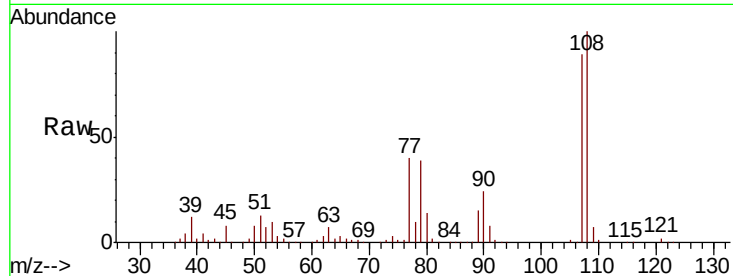




#17
2-Methylphenol
Concen: 38.127 ng
RT: 7.14 min Scan# 859
Delta R.T. 0.00 min
Lab File: BF115648.D
Acq: 18 Jul 2019 15:32

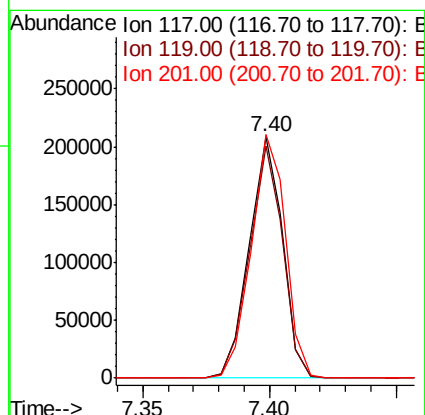
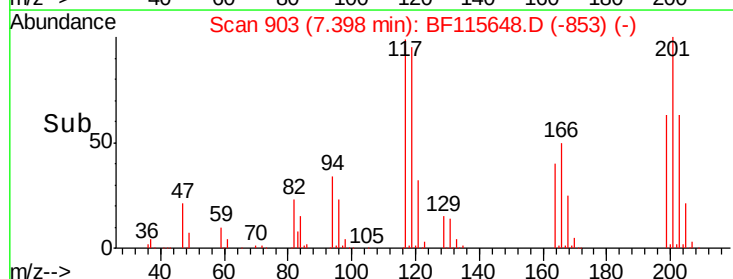
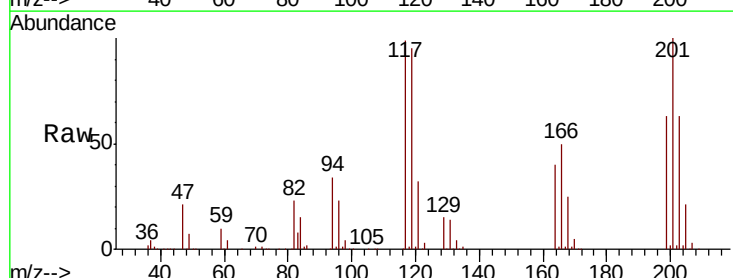
Instrument :
BNA_F
ClientSampleId :

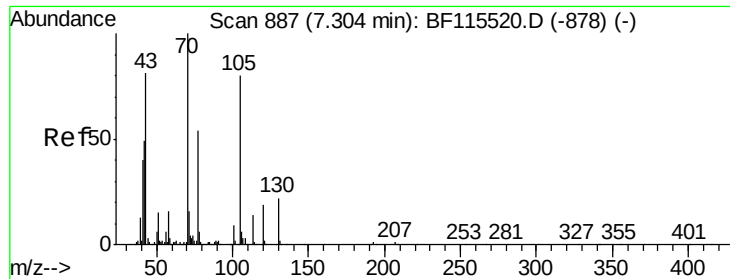
Tot Ion:107 Resp: 434861
Ion Ratio Lower Upper
107 100
108 112.3 89.4 134.2
77 44.9 35.7 53.5
79 43.8 35.0 52.4



#18
Hexachloroethane
Concen: 34.619 ng
RT: 7.40 min Scan# 903
Delta R.T. -0.01 min
Lab File: BF115648.D
Acq: 18 Jul 2019 15:32

Tgt Ion:117 Resp: 190771
Ion Ratio Lower Upper
117 100
119 96.4 77.7 116.5
201 101.0 86.0 129.0

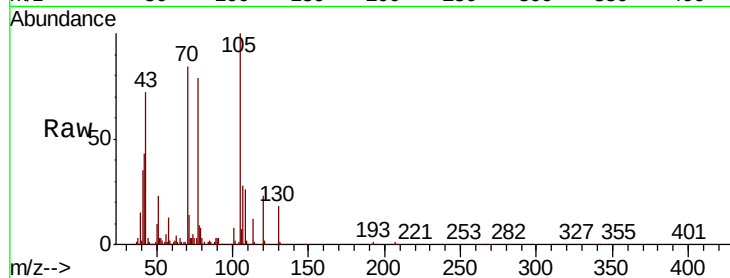




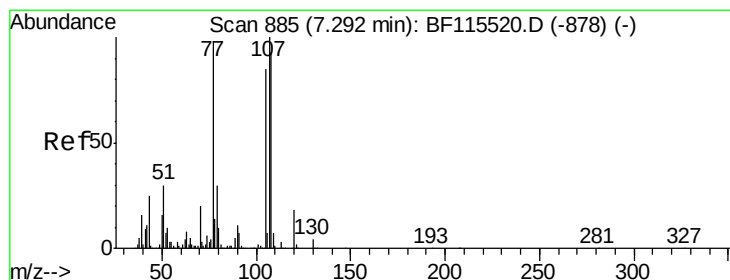
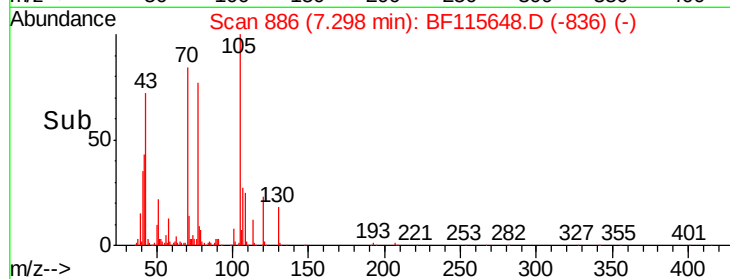
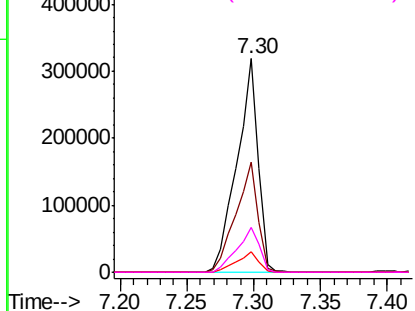
#19
n-Nitroso-di-n-propylamine
Concen: 37.224 ng
RT: 7.30 min Scan# 886
Delta R.T. -0.01 min
Lab File: BF115648.D
Acq: 18 Jul 2019 15:32

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	70	Resp:	354607
Ion	Ratio	Lower	Upper
70	100		
42	51.6	39.6	59.4
101	9.5	8.1	12.1
130	21.2	18.2	27.2

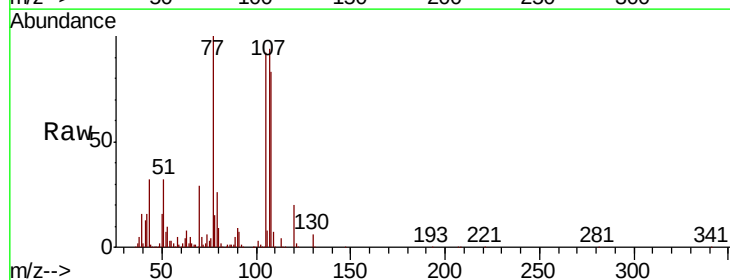


Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

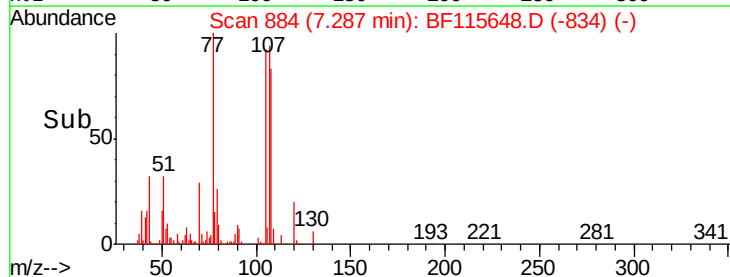
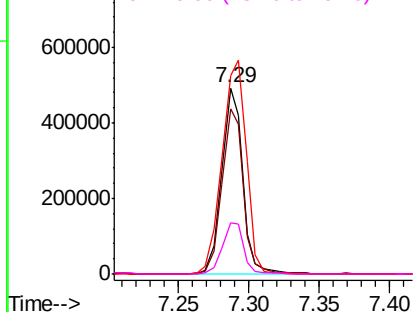


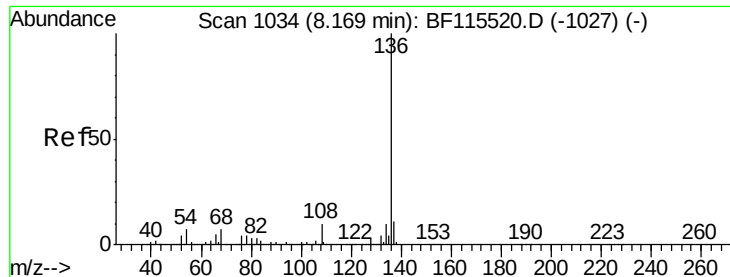
#20
3+4-Methylphenols
Concen: 37.468 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.01 min
Lab File: BF115648.D
Acq: 18 Jul 2019 15:32

Tgt Ion:	107	Resp:	507606
Ion	Ratio	Lower	Upper
107	100		
108	88.8	72.9	112.9
77	106.6	77.6	117.6
79	27.3	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

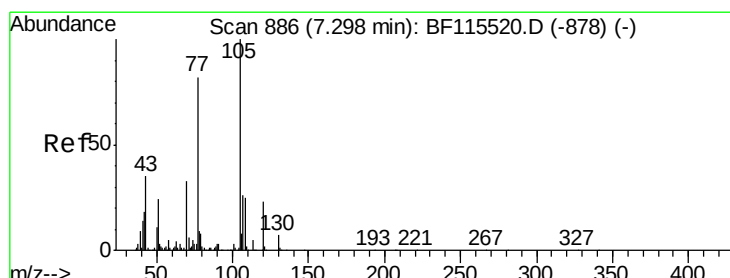
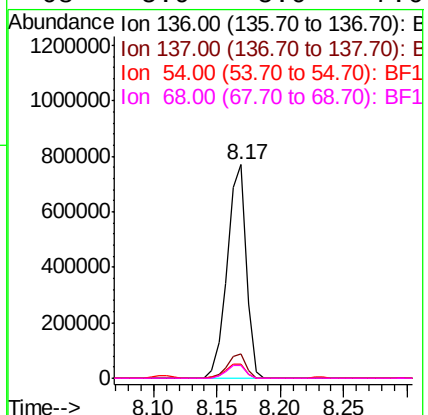
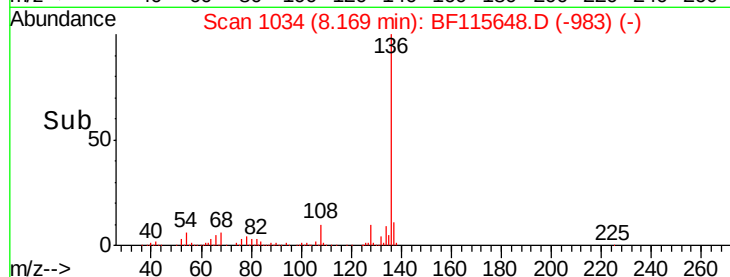
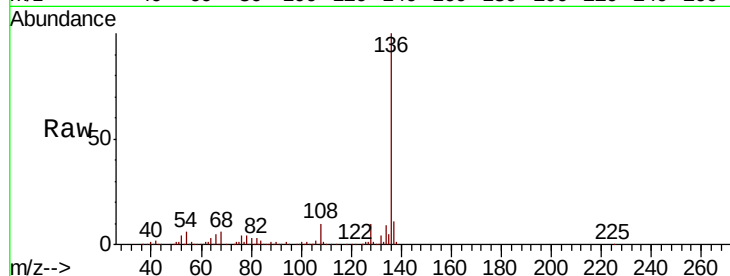




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.17 min Scan# 1034
Delta R.T. 0.00 min
Lab File: BF115648.D
Acq: 18 Jul 2019 15:32

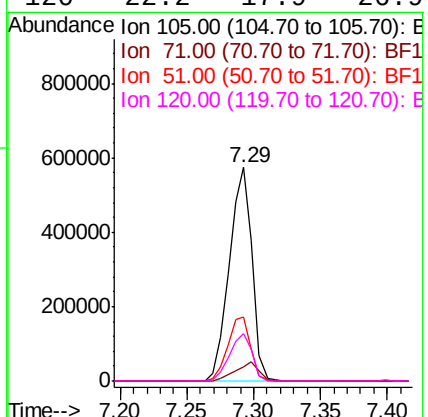
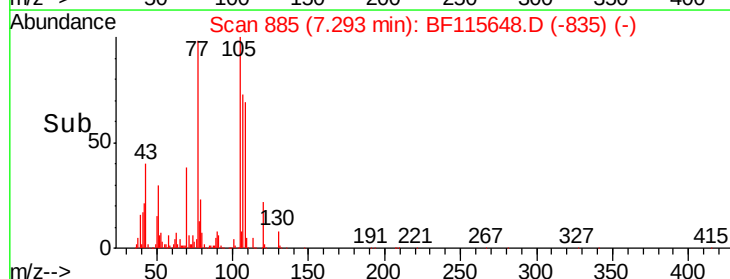
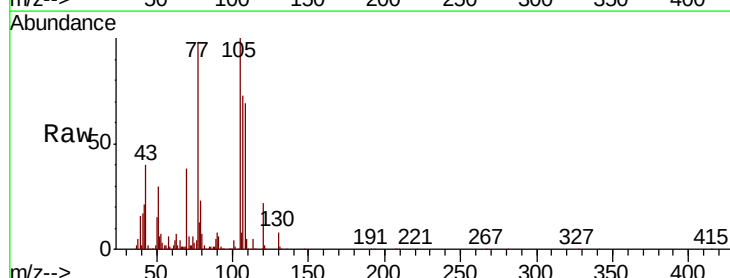
Instrument :
BNA_F
ClientSampled :

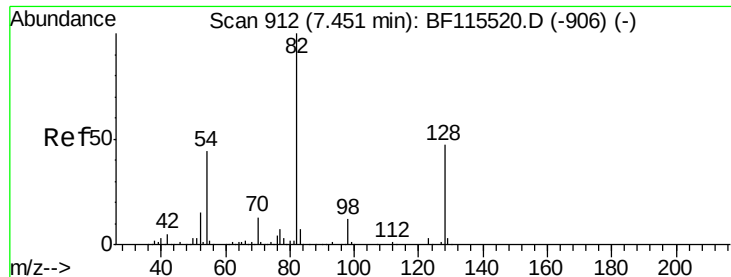
Tot Ion:136	Resp: 795700
Ion Ratio	Lower Upper
136 100	
137 11.1	9.0 13.4
54 6.5	5.6 8.4
68 5.9	5.0 7.6



#22
Acetophenone
Concen: 38.139 ng
RT: 7.29 min Scan# 885
Delta R.T. -0.01 min
Lab File: BF115648.D
Acq: 18 Jul 2019 15:32

Tgt	Ion:105	Resp:	685586
Ion	Ratio	Lower	Upper
105	100		
71	6.5	3.5	5.3#
51	30.3	25.6	38.4
120	22.2	17.9	26.9

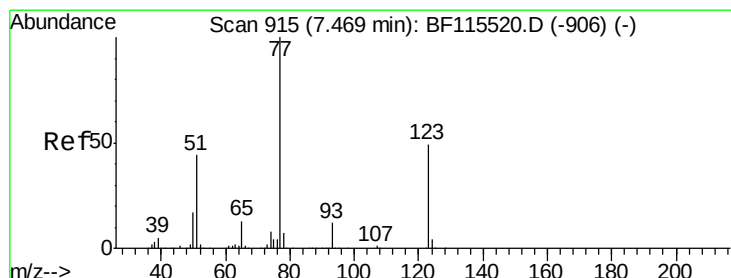
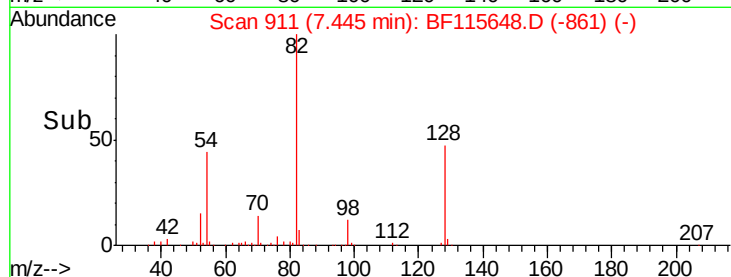
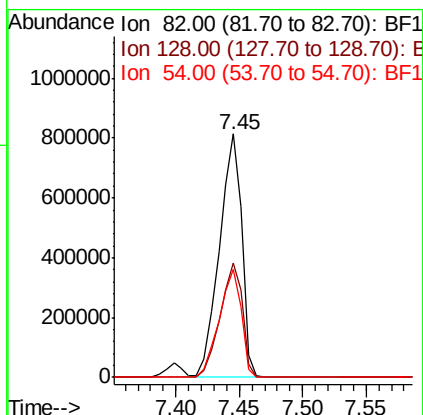
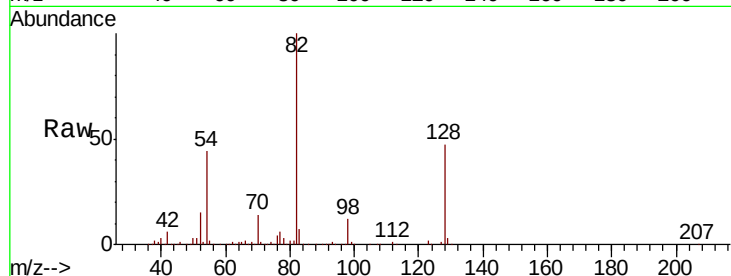




#23
 Nitrobenzene-d5
 Concen: 72.755 ng
 RT: 7.45 min Scan# 911
 Delta R.T. -0.01 min
 Lab File: BF115648.D
 Acq: 18 Jul 2019 15:32

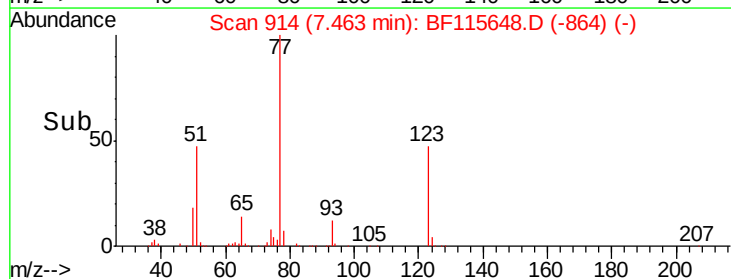
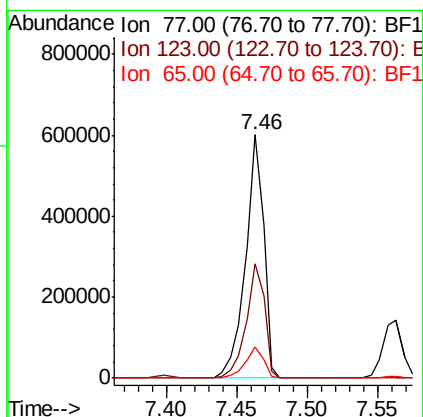
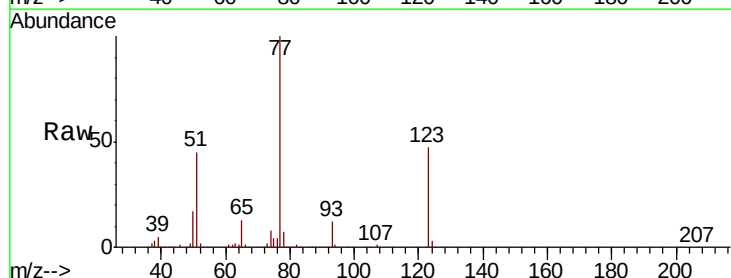
Instrument :
 BNA_F
 ClientSampleId :

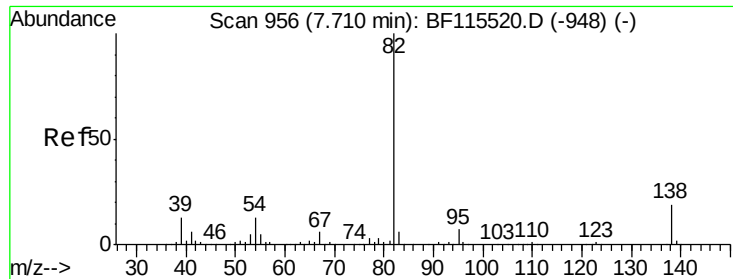
Tot Ion	82	Resp	995604
Ion Ratio	100	Lower	Upper
128	46.7	38.6	57.8
54	44.5	35.6	53.4



#24
 Nitrobenzene
 Concen: 36.550 ng
 RT: 7.46 min Scan# 914
 Delta R.T. -0.01 min
 Lab File: BF115648.D
 Acq: 18 Jul 2019 15:32

Tgt Ion	77	Resp	539476
Ion Ratio	100	Lower	Upper
123	46.9	40.0	60.0
65	13.0	11.0	16.4





#25

Isophorone

Concen: 36.147 ng

RT: 7.70 min Scan# 955

Delta R.T. -0.01 min

Lab File: BF115648.D

Acq: 18 Jul 2019 15:32

Instrument :

BNA_F

ClientSampled :

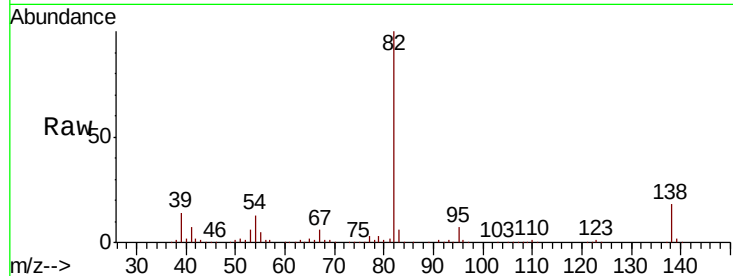
Tot Ion: 82 Resp: 989790

Ion Ratio Lower Upper

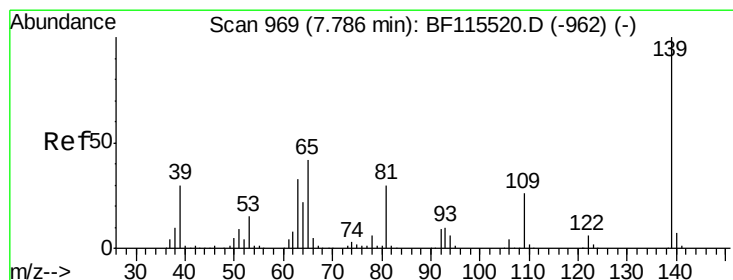
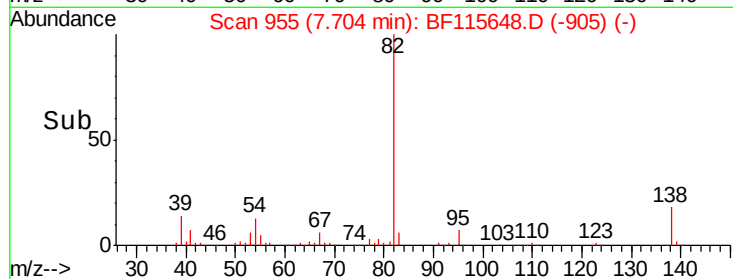
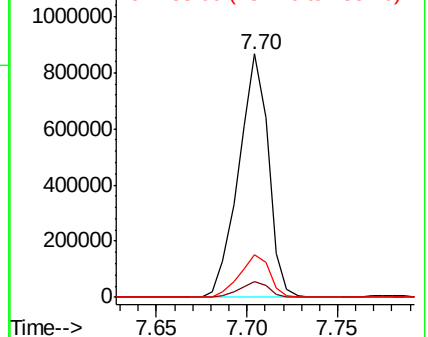
82 100

95 6.7 5.5 8.3

138 17.6 14.9 22.3



Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 38.286 ng

RT: 7.78 min Scan# 968

Delta R.T. -0.01 min

Lab File: BF115648.D

Acq: 18 Jul 2019 15:32

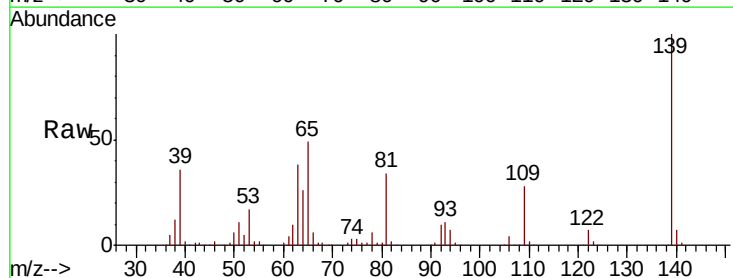
Tgt Ion: 139 Resp: 290862

Ion Ratio Lower Upper

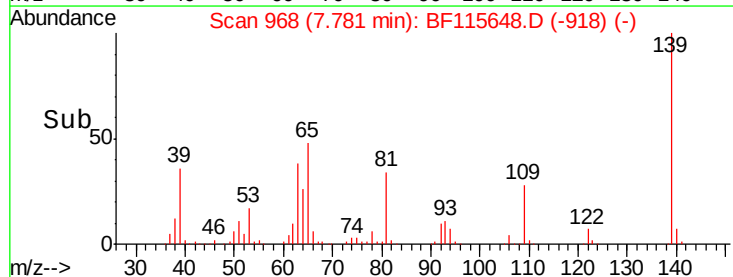
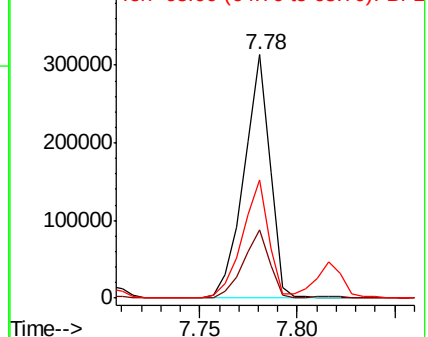
139 100

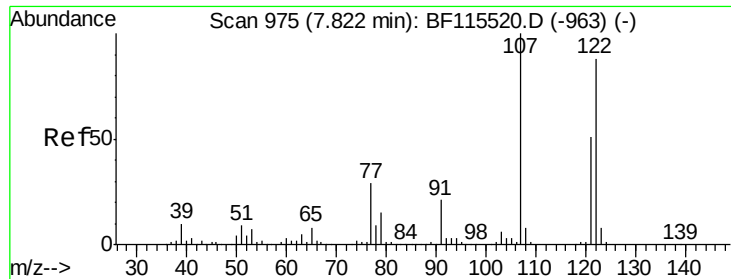
109 27.8 23.3 34.9

65 48.5 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: 43.772 ng

RT: 7.82 min Scan# 974

Delta R.T. -0.01 min

Lab File: BF115648.D

Acq: 18 Jul 2019 15:32

Instrument :

BNA_F

ClientSampleId :

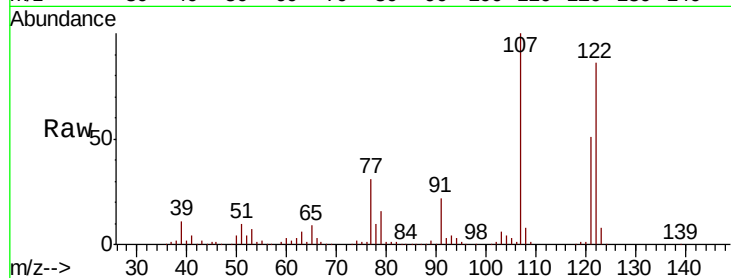
Tot Ion:122 Resp: 497554

Ion Ratio Lower Upper

122 100

107 116.1 92.9 139.3

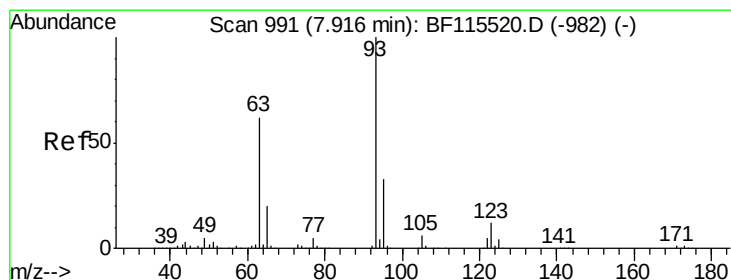
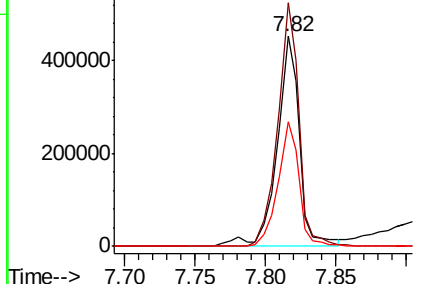
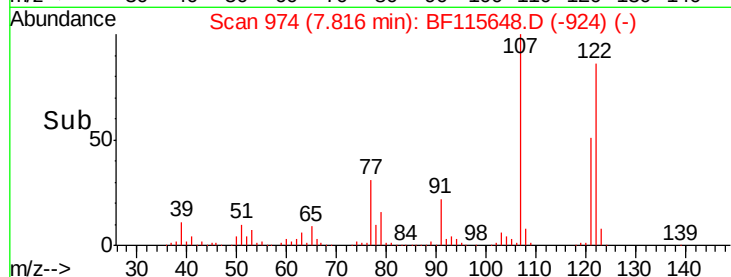
121 59.3 46.9 70.3



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 37.908 ng

RT: 7.91 min Scan# 990

Delta R.T. -0.01 min

Lab File: BF115648.D

Acq: 18 Jul 2019 15:32

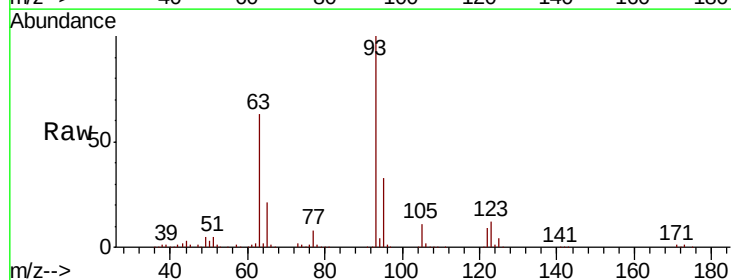
Tgt Ion: 93 Resp: 636802

Ion Ratio Lower Upper

93 100

95 32.6 27.0 40.4

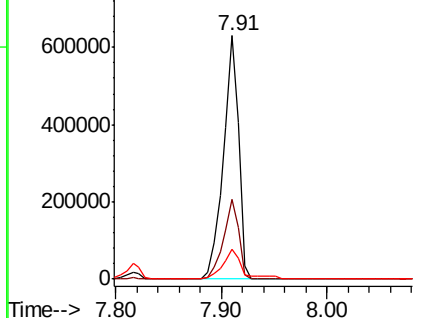
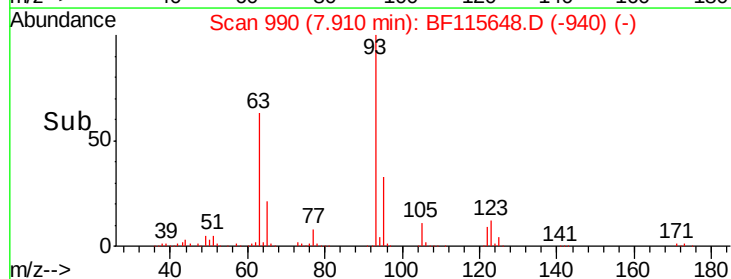
123 12.4 9.9 14.9

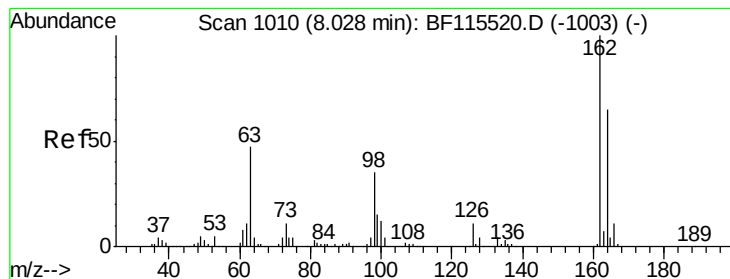


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 37.848 ng

RT: 8.02 min Scan# 1009

Delta R.T. -0.01 min

Lab File: BF115648.D

Acq: 18 Jul 2019 15:32

Instrument :

BNA_F

ClientSampled :

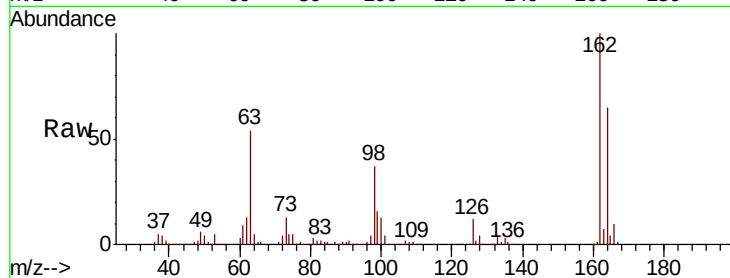
Tot Ion:162 Resp: 447431

Ion Ratio Lower Upper

162 100

164 64.9 44.9 84.9

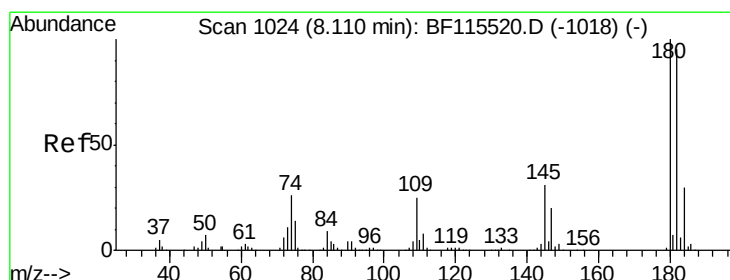
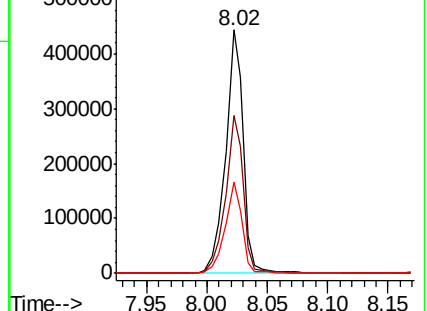
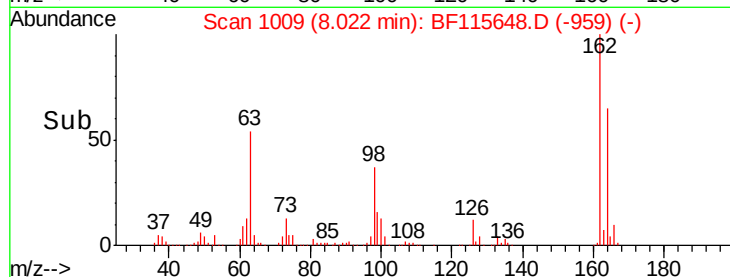
98 37.5 17.7 57.7



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: 35.496 ng

RT: 8.11 min Scan# 1024

Delta R.T. 0.00 min

Lab File: BF115648.D

Acq: 18 Jul 2019 15:32

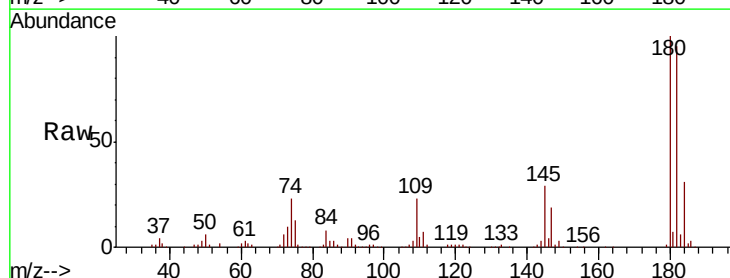
Tgt Ion:180 Resp: 474326

Ion Ratio Lower Upper

180 100

182 94.7 75.0 112.6

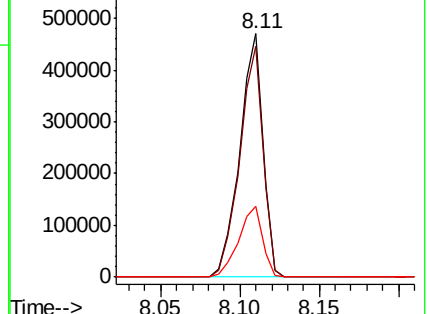
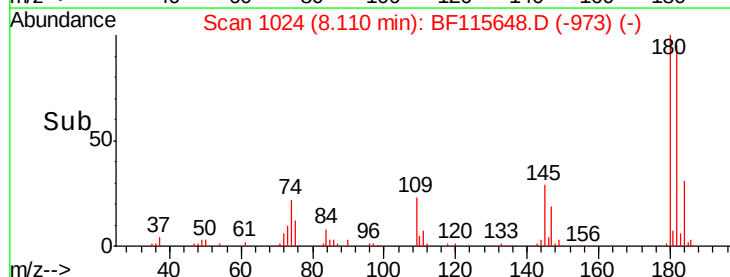
145 29.0 25.1 37.7

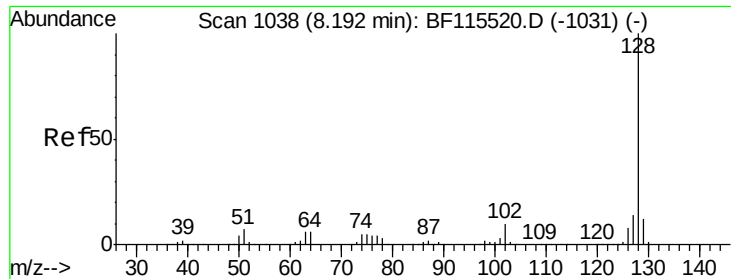


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 37.005 ng

RT: 8.19 min Scan# 1037

Delta R.T. -0.01 min

Lab File: BF115648.D

Acq: 18 Jul 2019 15:32

Instrument :

BNA_F

ClientSampleId :

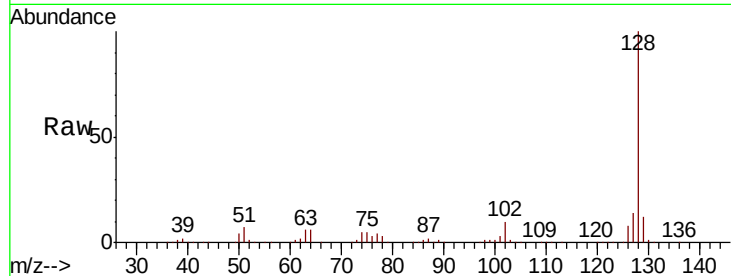
Tot Ion:128 Resp: 1426039

Ion Ratio Lower Upper

128 100

129 11.6 9.9 14.9

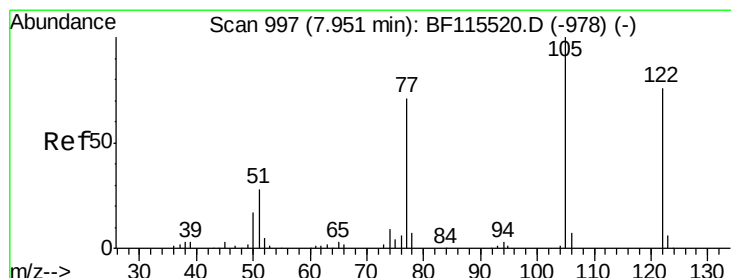
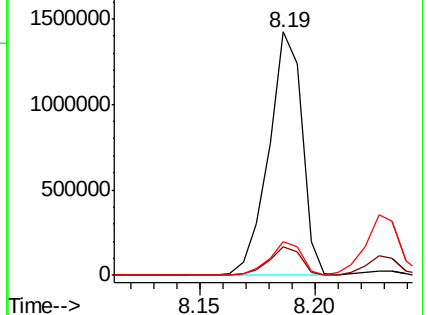
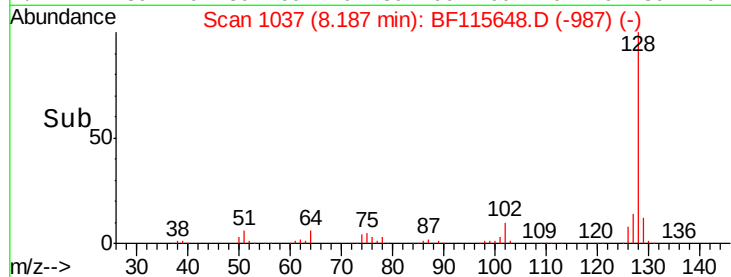
127 13.8 12.1 18.1



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: 36.977 ng

RT: 7.95 min Scan# 996

Delta R.T. -0.01 min

Lab File: BF115648.D

Acq: 18 Jul 2019 15:32

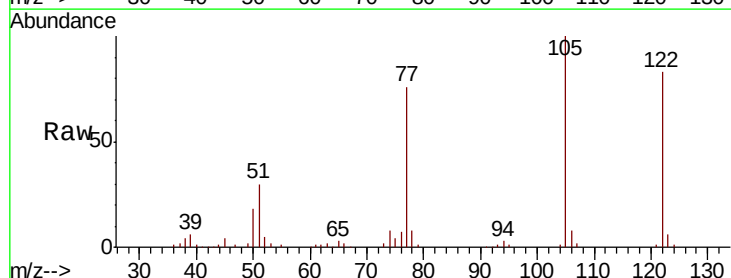
Tgt Ion:122 Resp: 344942

Ion Ratio Lower Upper

122 100

105 120.3 102.5 142.5

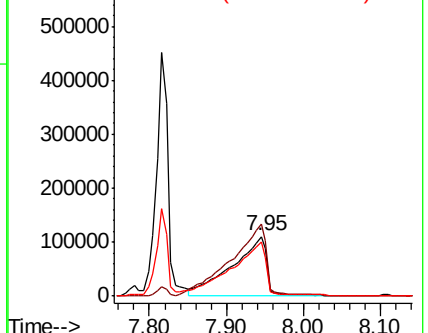
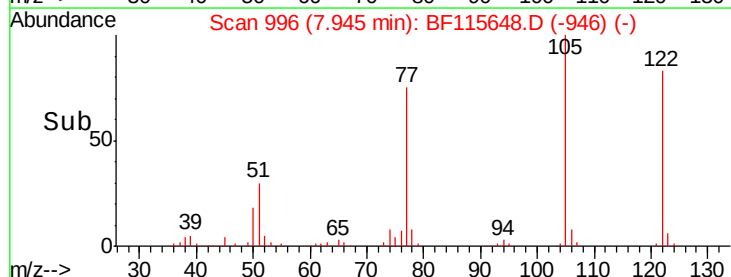
77 91.1 70.2 110.2

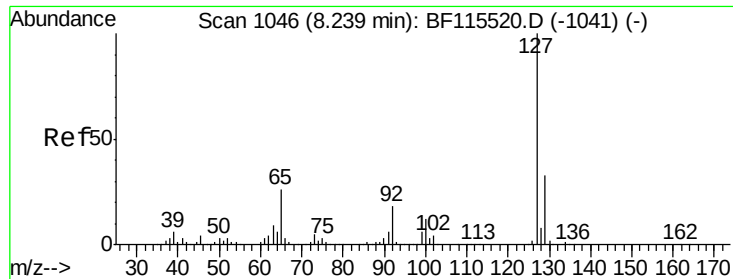


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

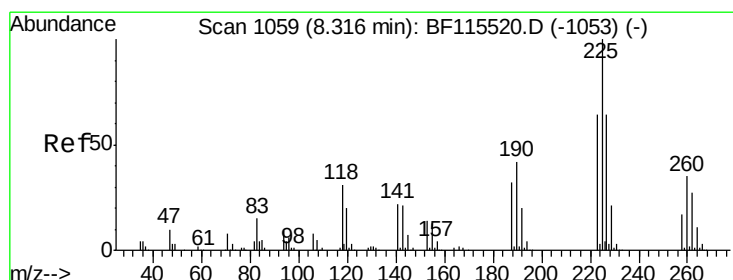
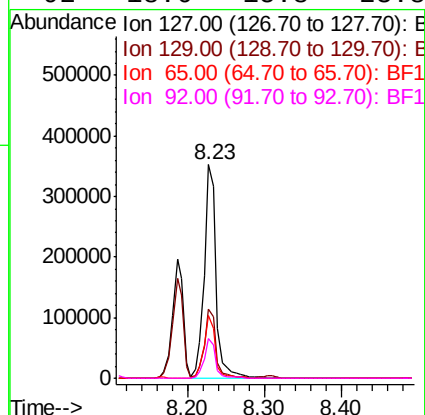
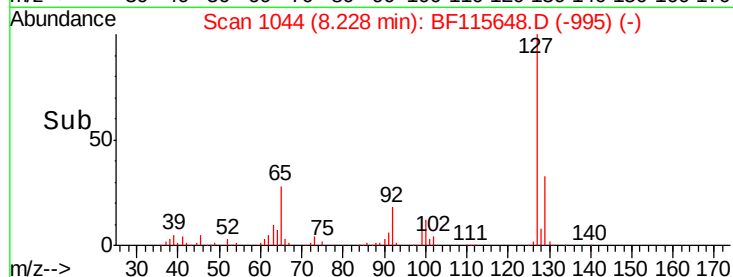
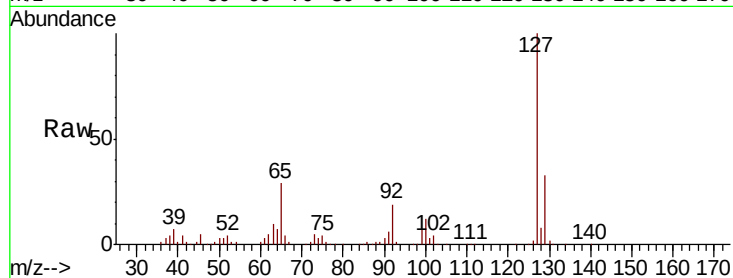




#33
4-Chloroaniline
Concen: 22.497 ng
RT: 8.23 min Scan# 1044
Delta R.T. -0.01 min
Lab File: BF115648.D
Acq: 18 Jul 2019 15:32

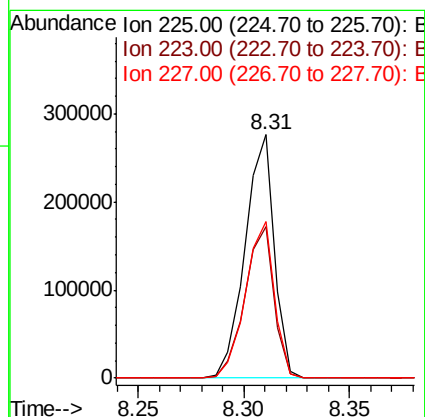
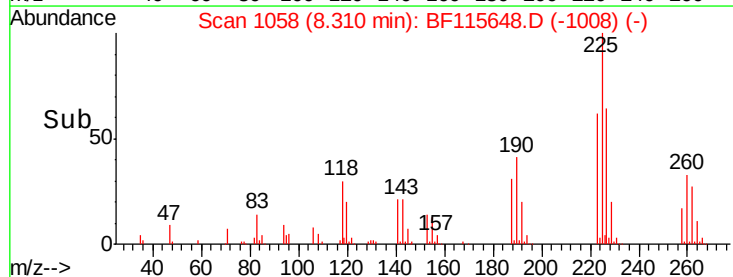
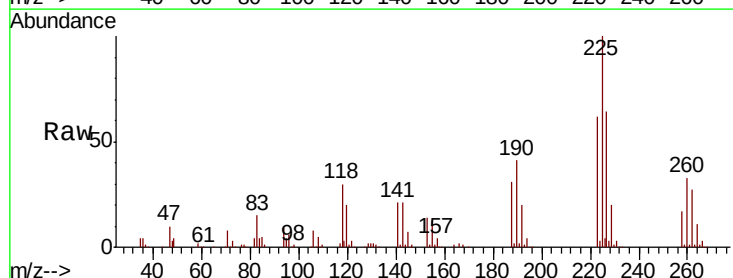
Instrument :
BNA_F
ClientSampleId :

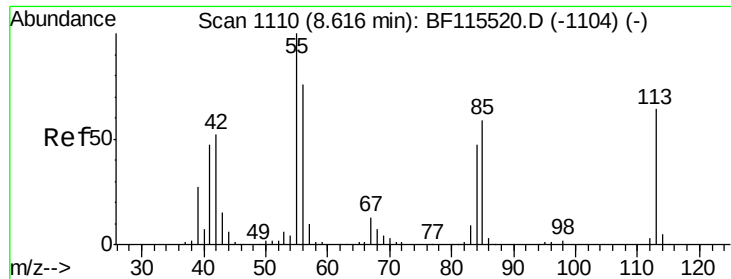
Tot Ion:	127	Resp:	384003
Ion	Ratio	Lower	Upper
127	100		
129	32.6	26.6	39.8
65	29.4	23.7	35.5
92	18.6	15.8	23.8



#34
Hexachlorobutadiene
Concen: 34.550 ng
RT: 8.31 min Scan# 1058
Delta R.T. -0.01 min
Lab File: BF115648.D
Acq: 18 Jul 2019 15:32

Tgt Ion:	225	Resp:	264763
Ion	Ratio	Lower	Upper
225	100		
223	62.2	50.9	76.3
227	64.3	50.7	76.1

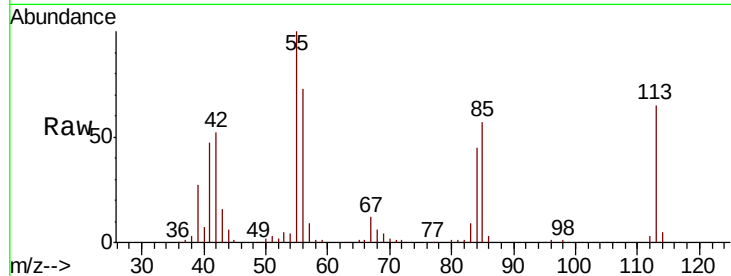




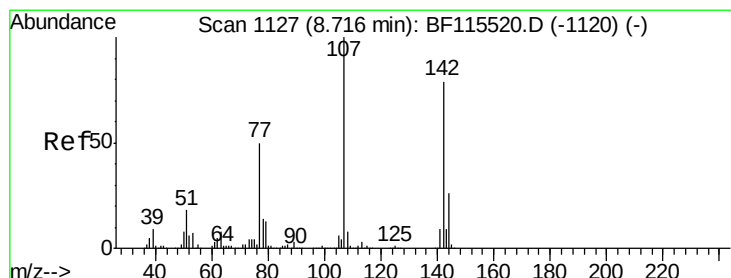
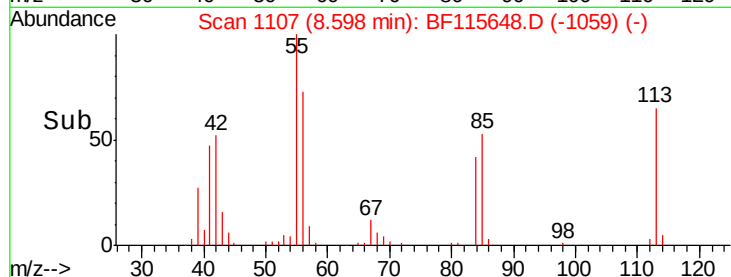
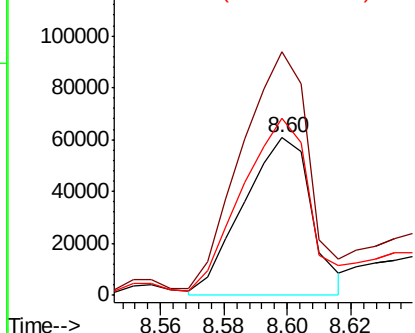
#35
Caprolactam
Concen: 24.897 ng
RT: 8.60 min Scan# 1107
Delta R.T. -0.02 min
Lab File: BF115648.D
Acq: 18 Jul 2019 15:32

Instrument :
BNA_F
ClientSampled :

Tot Ion:113 Resp: 90952
Ion Ratio Lower Upper
113 100
55 154.4 126.9 166.9
56 112.5 90.3 130.3

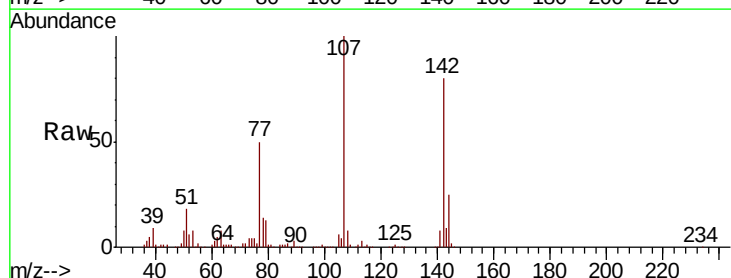


Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF1
Ion 56.00 (55.70 to 56.70): BF1

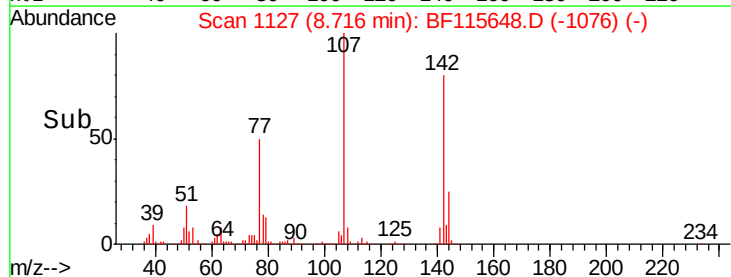
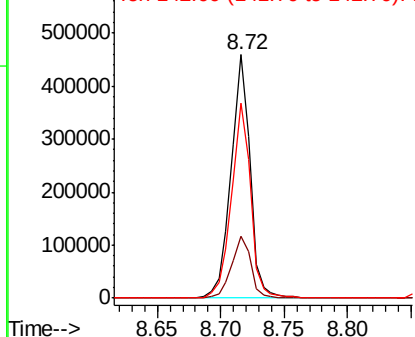


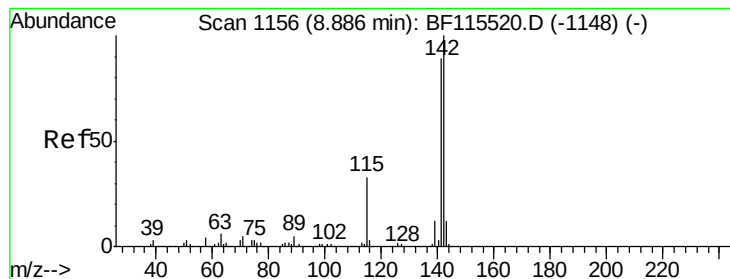
#36
4-Chloro-3-methylphenol
Concen: 38.711 ng
RT: 8.72 min Scan# 1127
Delta R.T. 0.00 min
Lab File: BF115648.D
Acq: 18 Jul 2019 15:32

Tgt Ion:107 Resp: 474706
Ion Ratio Lower Upper
107 100
144 25.4 20.6 30.8
142 79.8 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: 38.947 ng

RT: 8.88 min Scan# 1155

Delta R.T. -0.01 min

Lab File: BF115648.D

Acq: 18 Jul 2019 15:32

Instrument :

BNA_F

ClientSampleId :

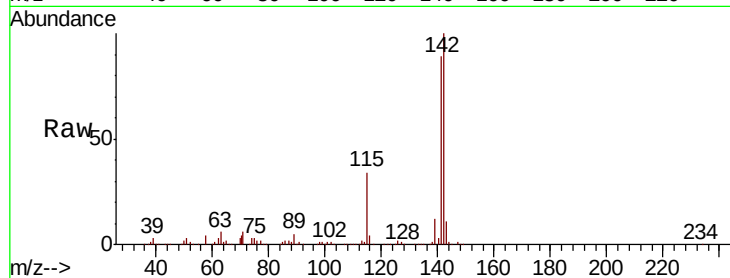
Tot Ion:142 Resp: 994884

Ion Ratio Lower Upper

142 100

141 89.0 72.0 108.0

115 34.3 29.9 44.9

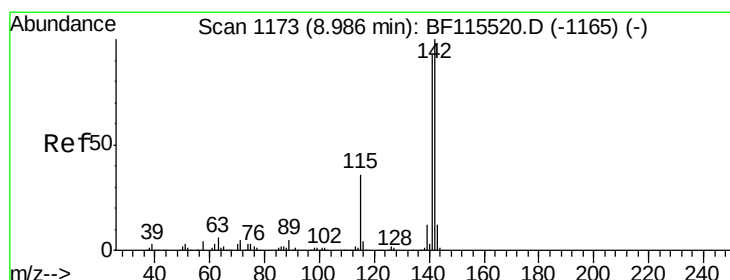
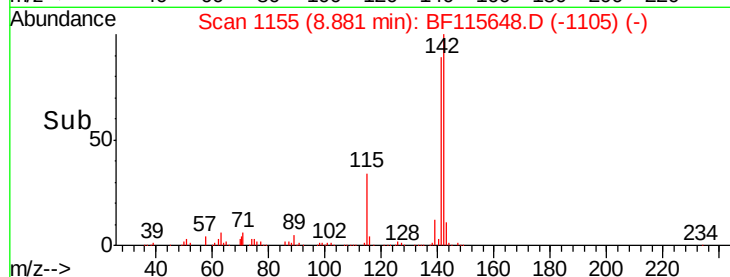
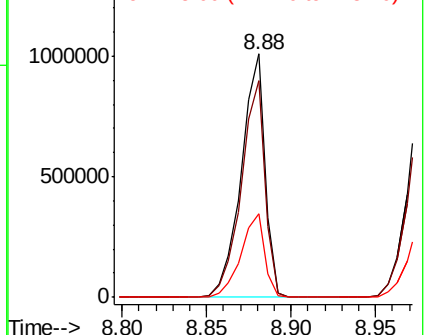


Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 37.339 ng

RT: 8.98 min Scan# 1172

Delta R.T. -0.01 min

Lab File: BF115648.D

Acq: 18 Jul 2019 15:32

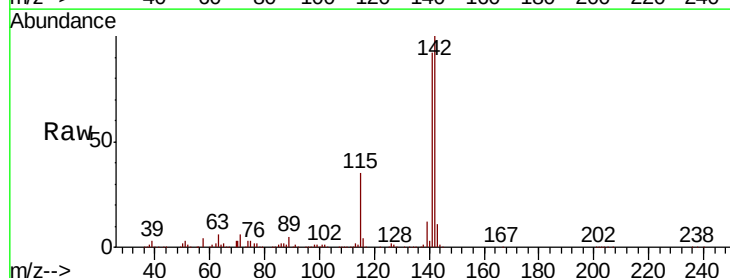
Tgt Ion:142 Resp: 905948

Ion Ratio Lower Upper

142 100

141 92.0 75.3 112.9

116 3.6 3.3 4.9

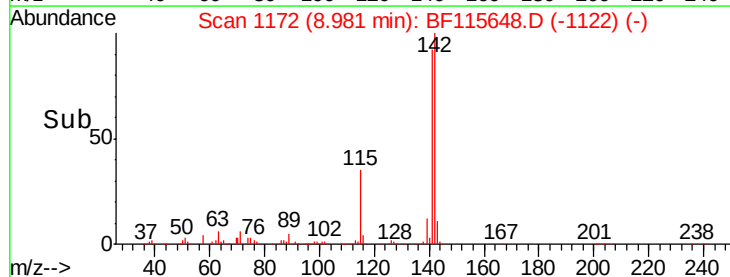
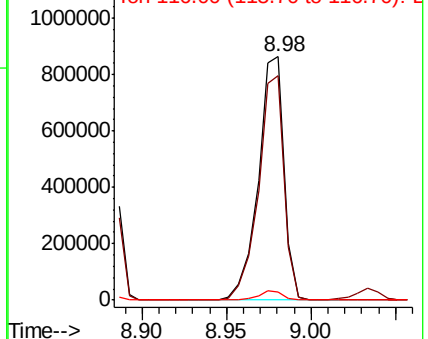


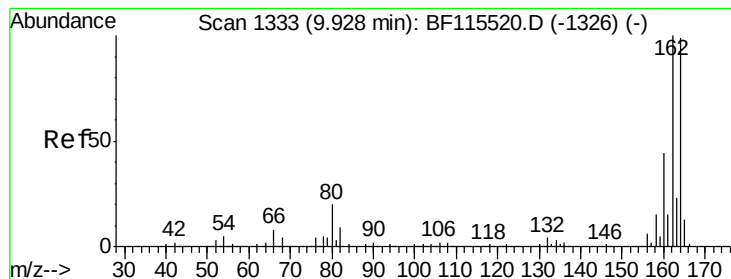
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.92 min Scan# 1332

Delta R.T. -0.01 min

Lab File: BF115648.D

Acq: 18 Jul 2019 15:32

Instrument :

BNA_F

ClientSampleId :

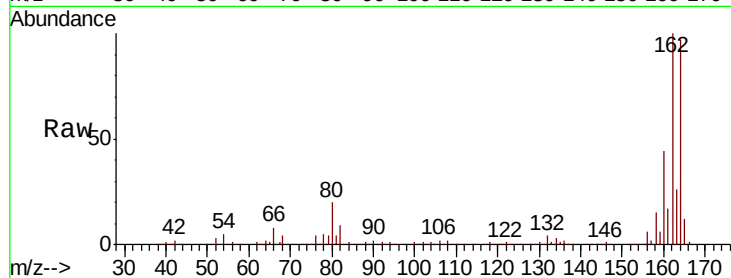
Tot Ion:164 Resp: 410858

Ion Ratio Lower Upper

164 100

162 103.3 82.9 124.3

160 45.7 36.8 55.2

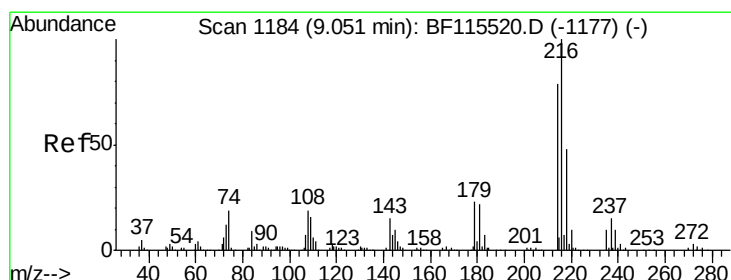
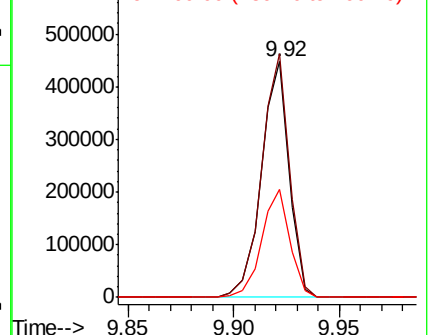
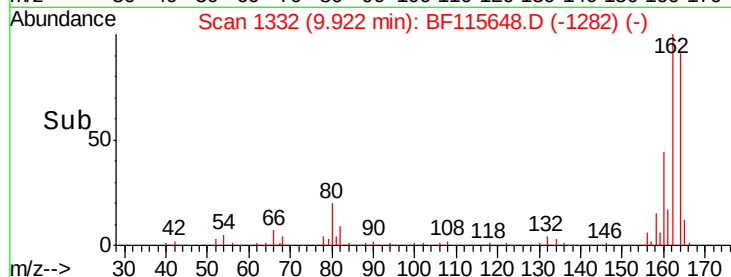


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 35.681 ng

RT: 9.05 min Scan# 1183

Delta R.T. -0.01 min

Lab File: BF115648.D

Acq: 18 Jul 2019 15:32

Tgt Ion:216 Resp: 441457

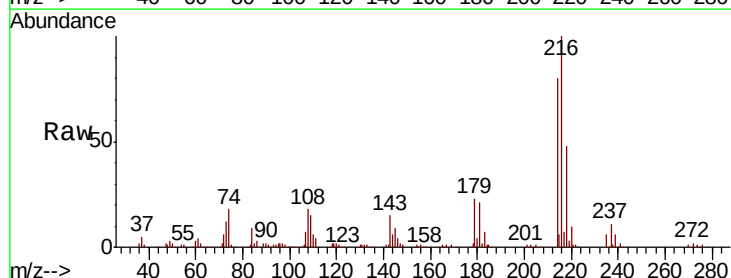
Ion Ratio Lower Upper

216 100

214 79.2 65.1 97.7

179 22.0 18.3 27.5

108 20.1 15.7 23.5



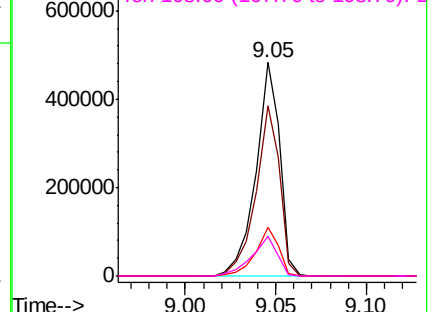
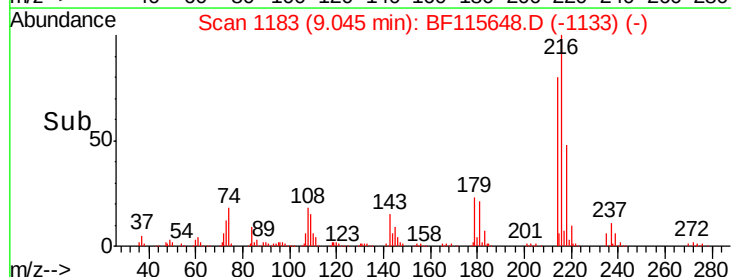
Abundance

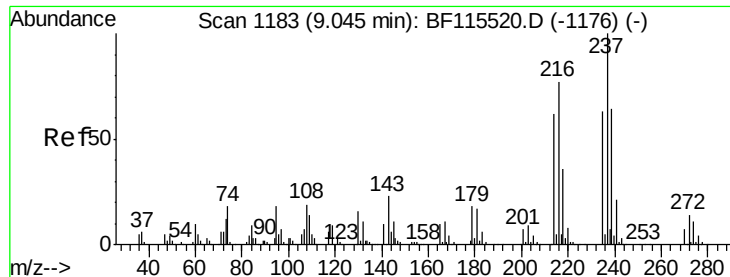
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 47.977 ng

RT: 9.03 min Scan# 1181

Delta R.T. -0.01 min

Lab File: BF115648.D

Acq: 18 Jul 2019 15:32

Instrument :

BNA_F

ClientSampleId :

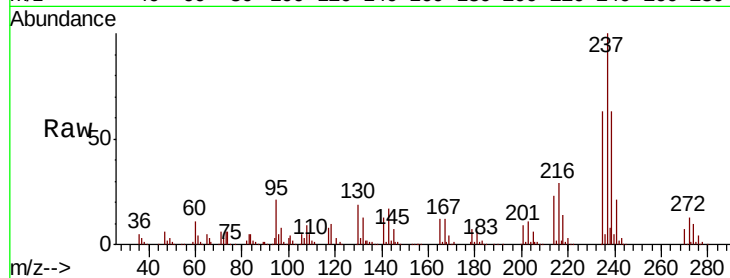
Tot Ion:237 Resp: 338606

Ion Ratio Lower Upper

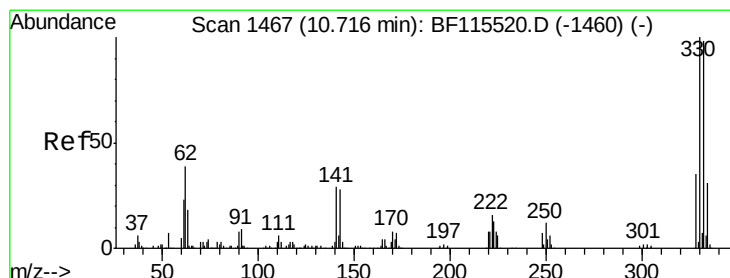
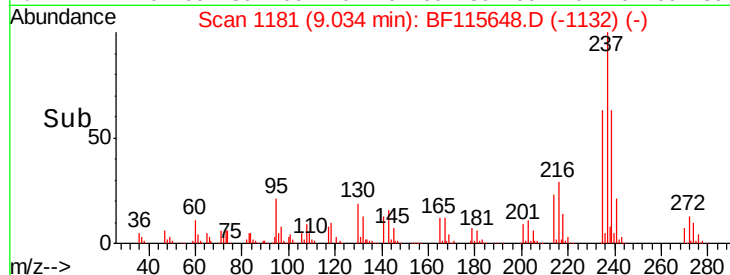
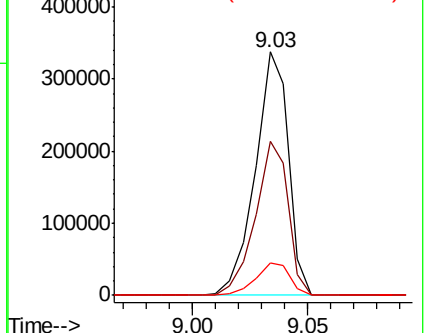
237 100

235 63.0 43.6 83.6

272 13.3 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: 98.216 ng

RT: 10.71 min Scan# 1466

Delta R.T. -0.01 min

Lab File: BF115648.D

Acq: 18 Jul 2019 15:32

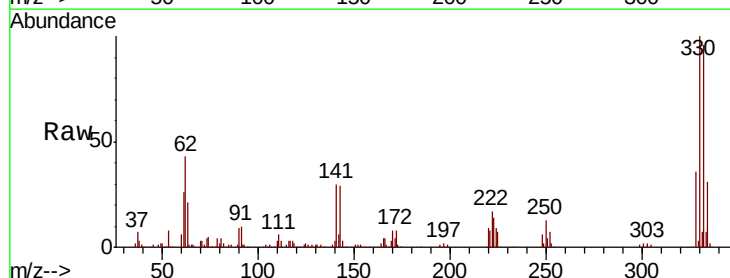
Tgt Ion:330 Resp: 471017

Ion Ratio Lower Upper

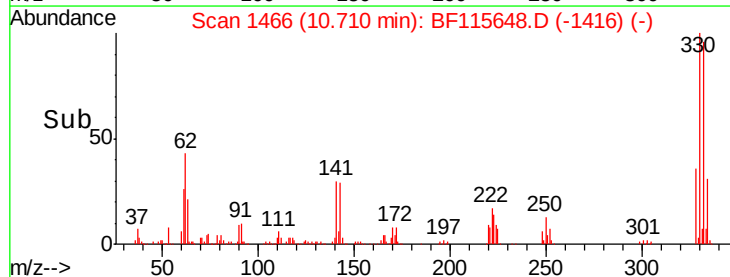
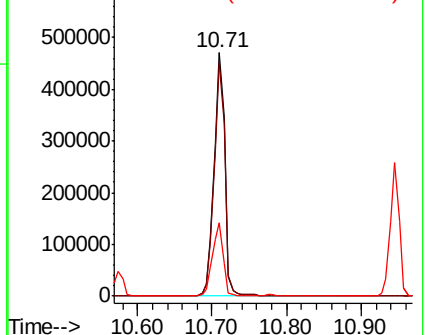
330 100

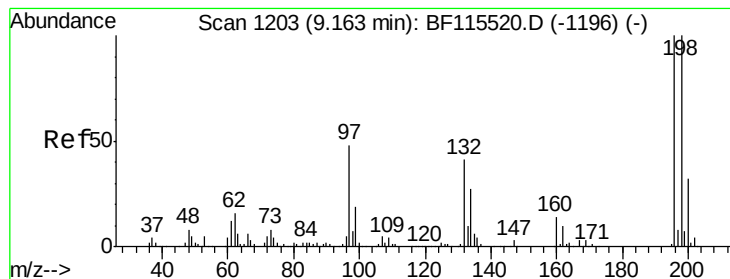
332 95.5 77.4 116.2

141 30.4 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: 33.943 ng

RT: 9.16 min Scan# 1202

Delta R.T. -0.01 min

Lab File: BF115648.D

Acq: 18 Jul 2019 15:32

Instrument :

BNA_F

ClientSampled :

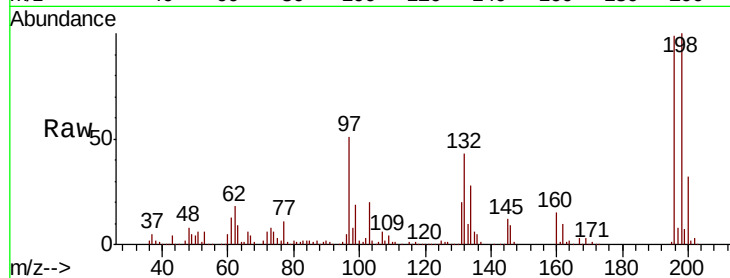
Tot Ion:196 Resp: 307111

Ion Ratio Lower Upper

196 100

198 100.7 80.6 121.0

200 32.6 25.8 38.6

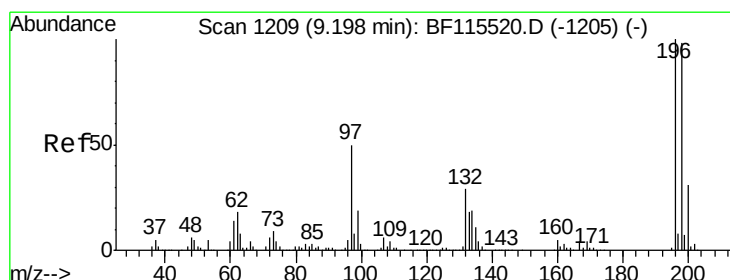
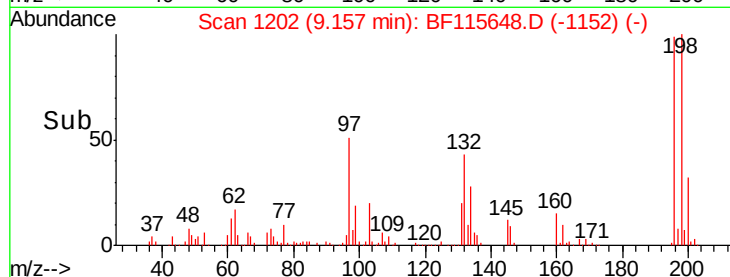
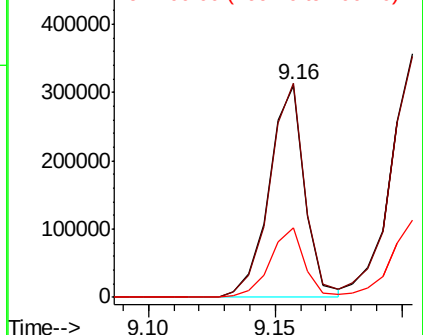


Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#44

2,4,5-Trichlorophenol

Concen: 35.861 ng

RT: 9.20 min Scan# 1210

Delta R.T. 0.01 min

Lab File: BF115648.D

Acq: 18 Jul 2019 15:32

Tgt Ion:196 Resp: 332284

Ion Ratio Lower Upper

196 100

198 98.8 79.6 119.4

97 44.2 37.8 56.6

132 27.7 22.8 34.2

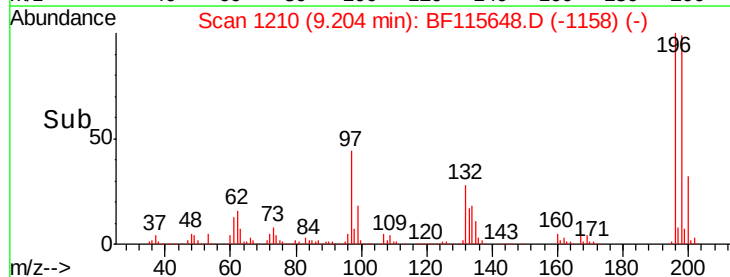
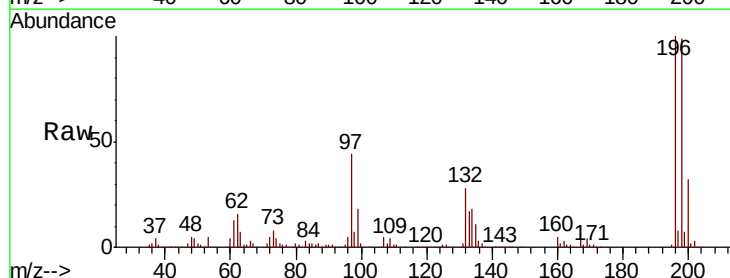
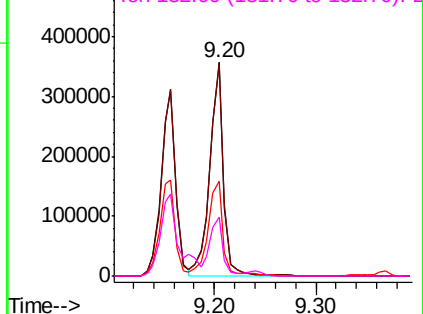
Abundance

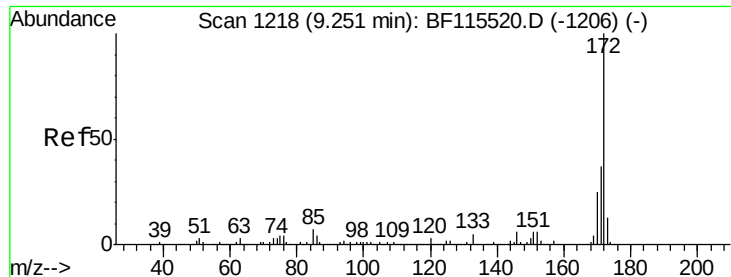
Ion 196.00 (195.70 to 196.70): E

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

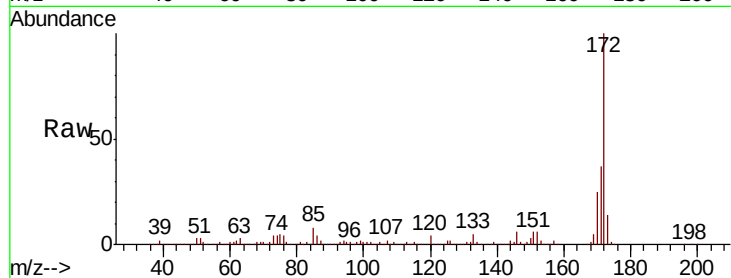




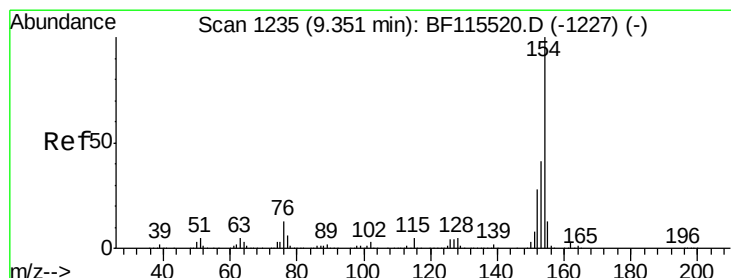
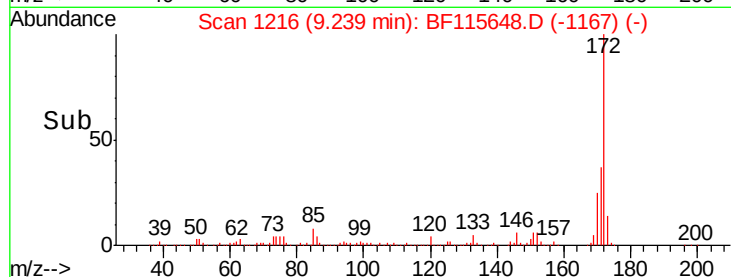
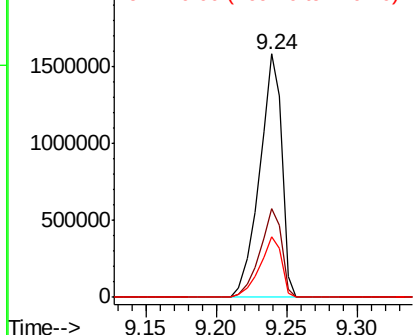
#45
2-Fluorobiphenyl
Concen: 75.189 ng
RT: 9.24 min Scan# 1216
Delta R.T. -0.01 min
Lab File: BF115648.D
Acq: 18 Jul 2019 15:32

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 1764970
Ion Ratio Lower Upper
172 100
171 36.6 30.6 46.0
170 24.9 20.5 30.7

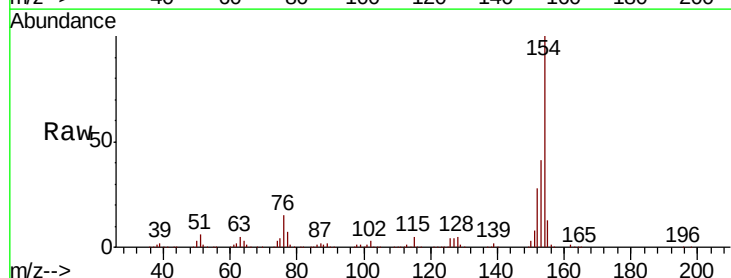


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

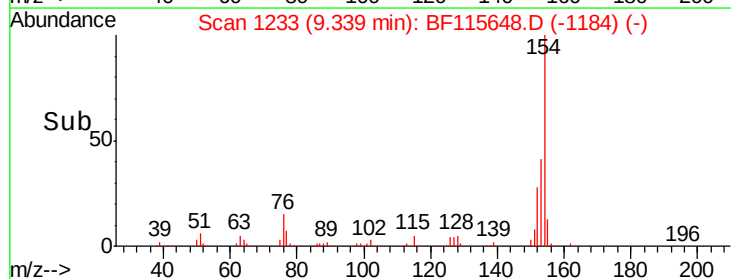
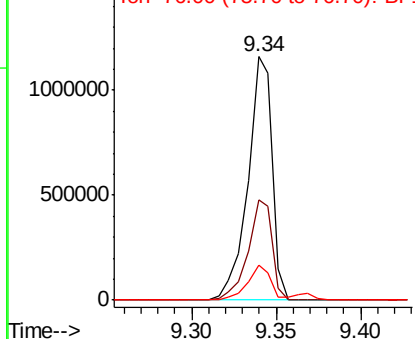


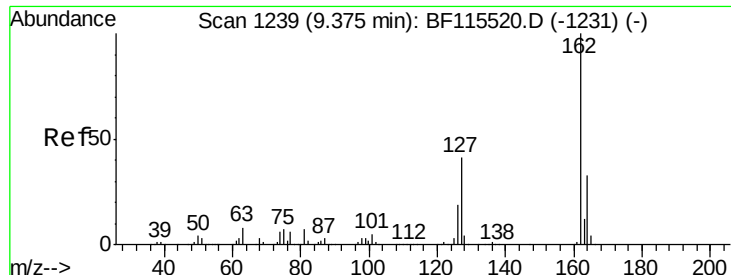
#46
1,1'-Biphenyl
Concen: 36.290 ng
RT: 9.34 min Scan# 1233
Delta R.T. -0.01 min
Lab File: BF115648.D
Acq: 18 Jul 2019 15:32

Tgt Ion:154 Resp: 1165644
Ion Ratio Lower Upper
154 100
153 41.3 22.6 62.6
76 14.6 0.0 33.4



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

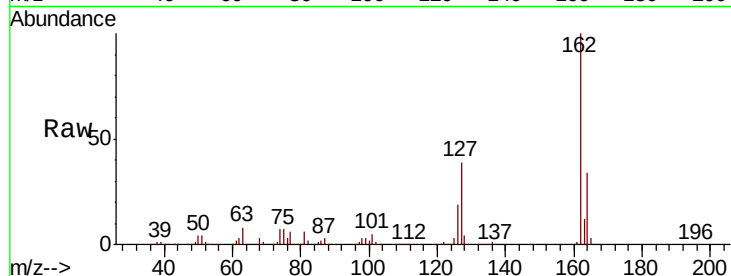




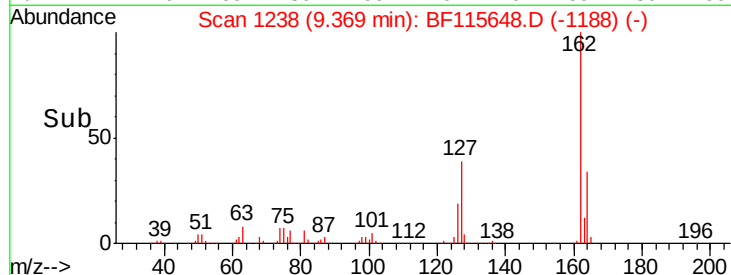
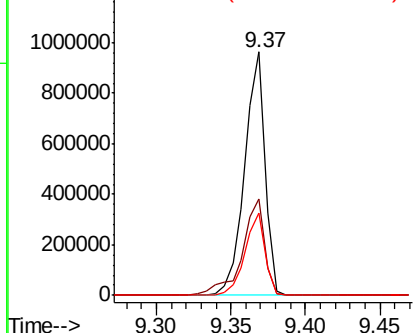
#47
2-Chloronaphthalene
Concen: 33.976 ng
RT: 9.37 min Scan# 1238
Delta R.T. -0.01 min
Lab File: BF115648.D
Acq: 18 Jul 2019 15:32

Instrument :
BNA_F
ClientSampleId :

Tot Ion:162 Resp: 908696
Ion Ratio Lower Upper
162 100
127 39.4 34.1 51.1
164 33.6 27.4 41.2

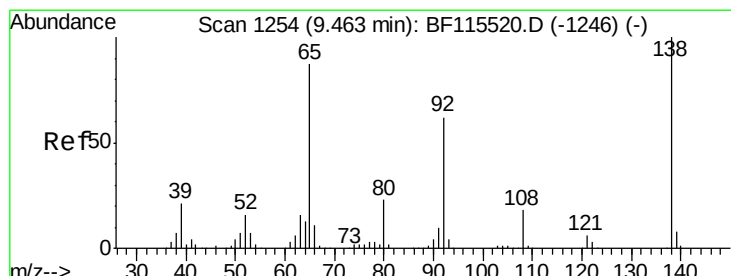


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

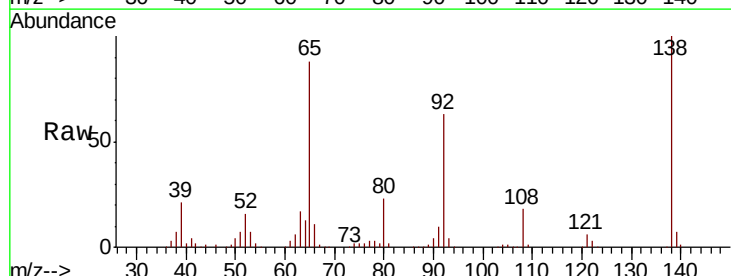
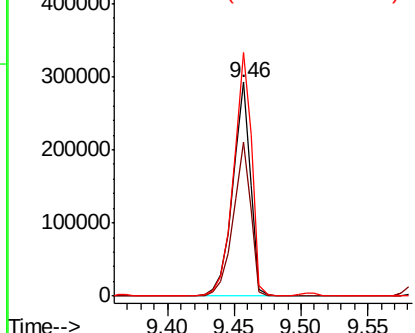


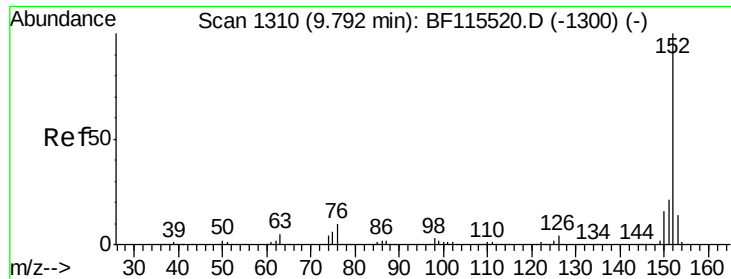
#48
2-Nitroaniline
Concen: 33.159 ng
RT: 9.46 min Scan# 1253
Delta R.T. -0.01 min
Lab File: BF115648.D
Acq: 18 Jul 2019 15:32

Tgt Ion: 65 Resp: 274487
Ion Ratio Lower Upper
65 100
92 72.0 57.8 86.6
138 113.8 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: 36.618 ng

RT: 9.78 min Scan# 1308

Delta R.T. -0.01 min

Lab File: BF115648.D

Acq: 18 Jul 2019 15:32

Instrument :

BNA_F

ClientSampleId :

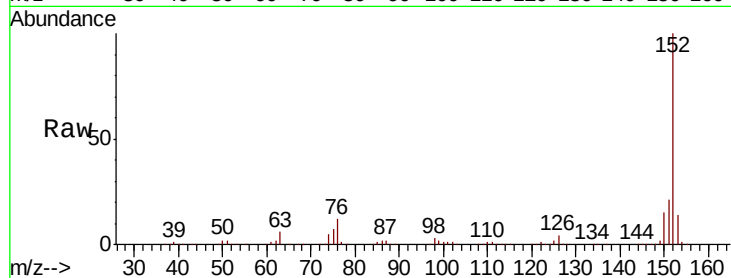
Tot Ion:152 Resp: 1451168

Ion Ratio Lower Upper

152 100

151 21.0 17.7 26.5

153 14.4 12.0 18.0

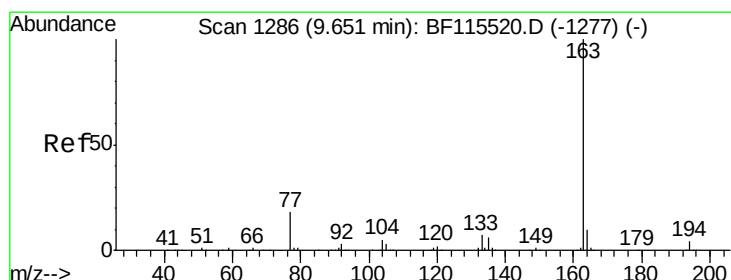
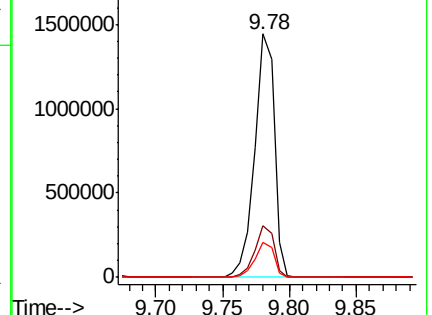
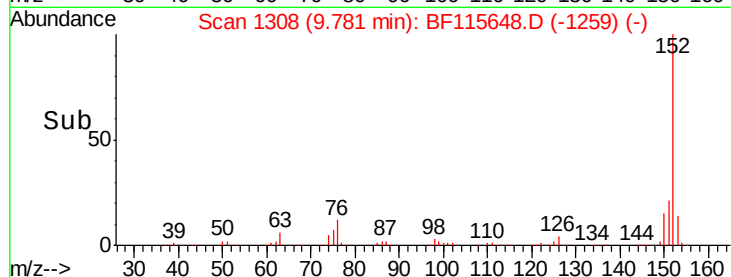


Abundance

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: 36.347 ng

RT: 9.64 min Scan# 1284

Delta R.T. -0.01 min

Lab File: BF115648.D

Acq: 18 Jul 2019 15:32

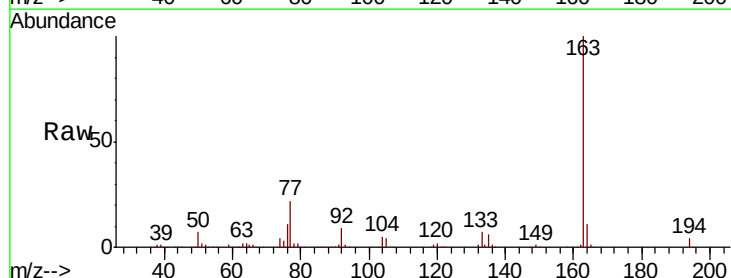
Tgt Ion:163 Resp: 1123536

Ion Ratio Lower Upper

163 100

194 3.8 3.3 4.9

164 10.6 8.7 13.1

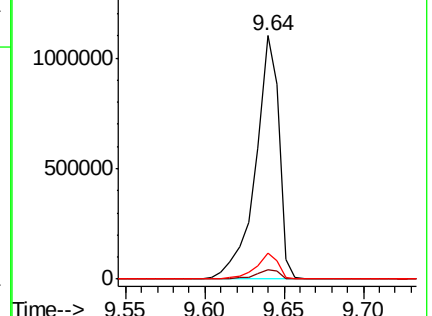
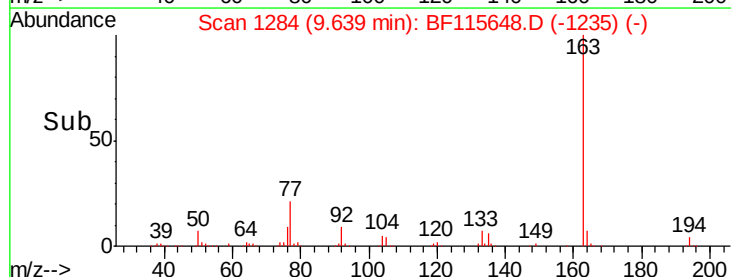


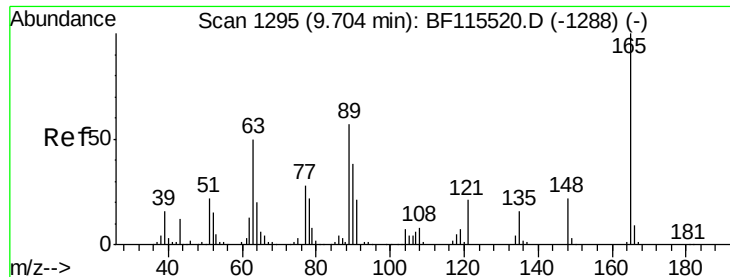
Abundance

Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 37.569 ng

RT: 9.70 min Scan# 1294

Delta R.T. -0.01 min

Lab File: BF115648.D

Acq: 18 Jul 2019 15:32

Instrument :

BNA_F

ClientSampled :

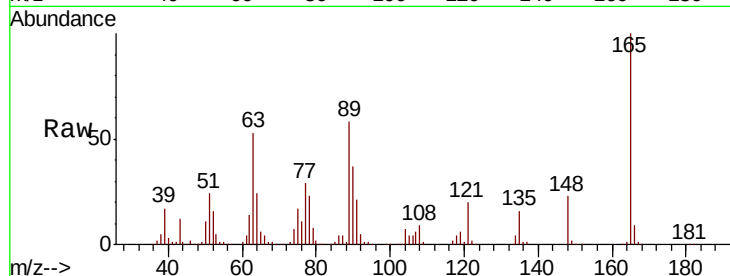
Tot Ion:165 Resp: 263920

Ion Ratio Lower Upper

165 100

63 52.7 40.6 61.0

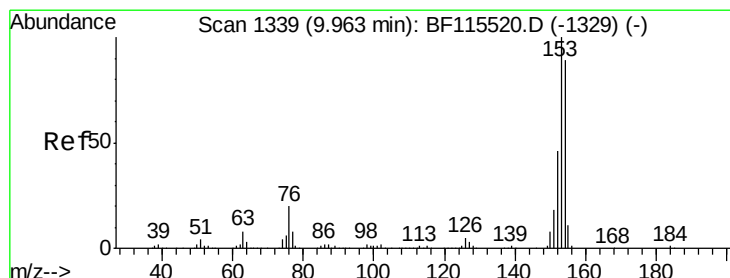
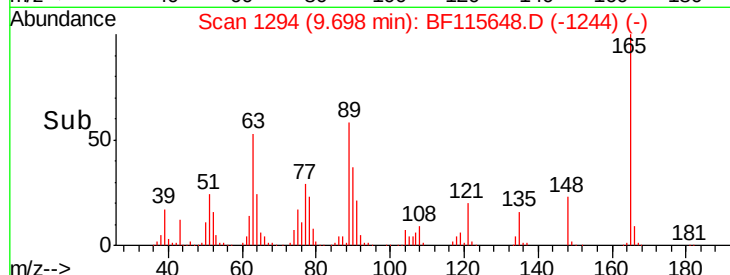
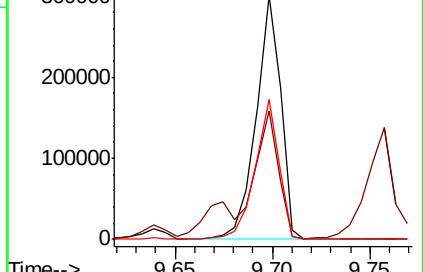
89 57.7 43.9 65.9



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1



#52

Acenaphthene

Concen: 38.712 ng

RT: 9.96 min Scan# 1338

Delta R.T. -0.01 min

Lab File: BF115648.D

Acq: 18 Jul 2019 15:32

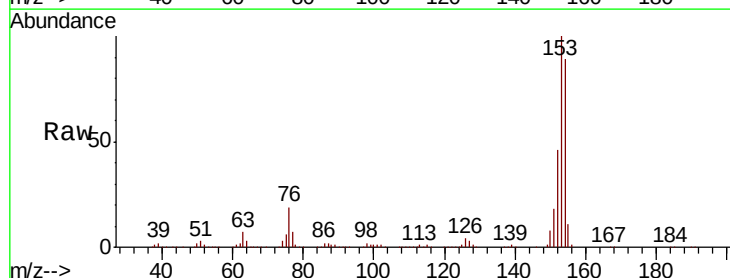
Tgt Ion:154 Resp: 990460

Ion Ratio Lower Upper

154 100

153 112.4 88.6 133.0

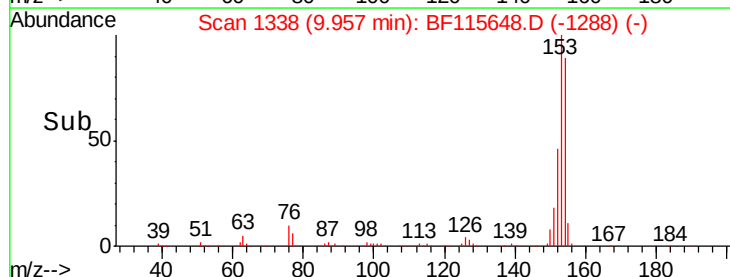
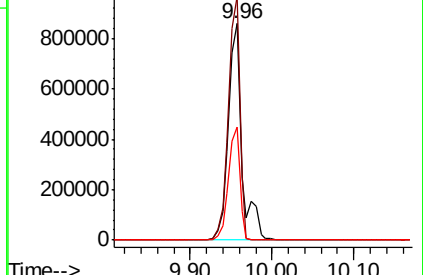
152 52.2 42.3 63.5

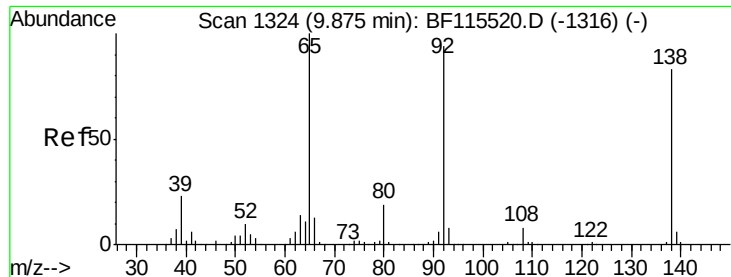


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

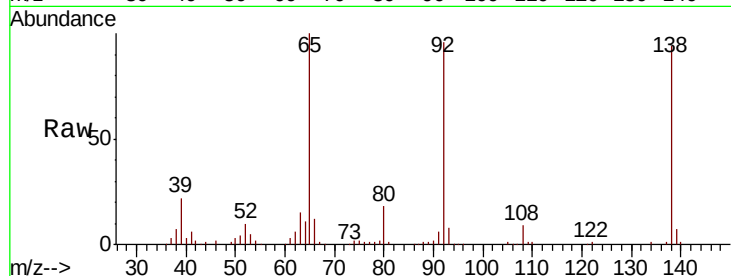




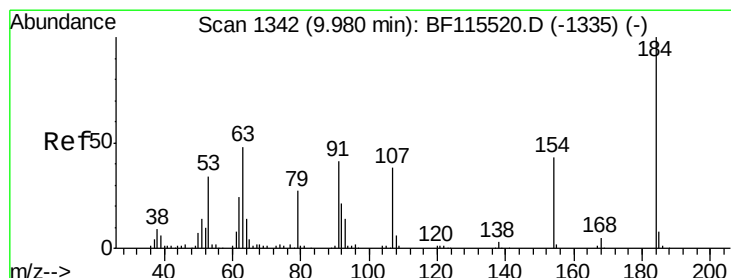
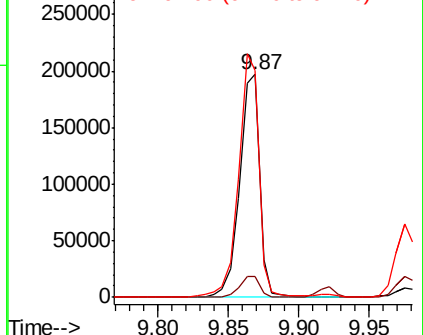
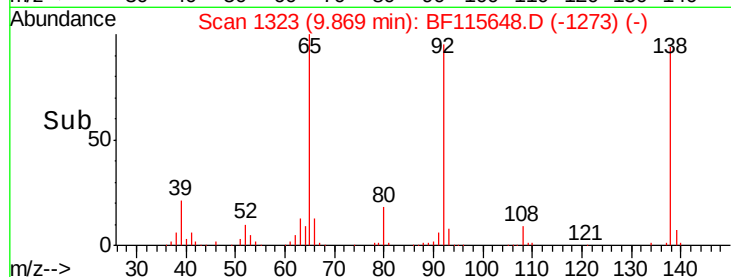
#53
3-Nitroaniline
Concen: 24.270 ng
RT: 9.87 min Scan# 1323
Delta R.T. -0.01 min
Lab File: BF115648.D
Acq: 18 Jul 2019 15:32

Instrument :
BNA_F
ClientSampled :

Tot Ion:138 Resp: 194832
Ion Ratio Lower Upper
138 100
108 9.5 8.4 12.6
92 101.8 88.0 132.0

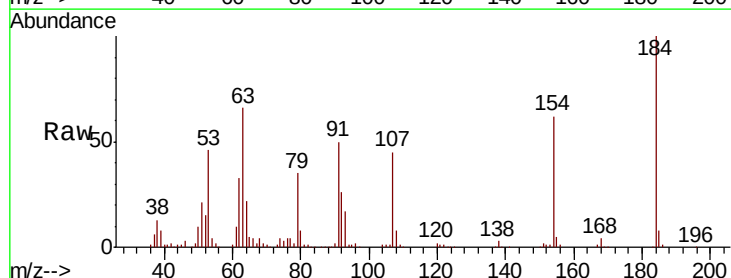


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

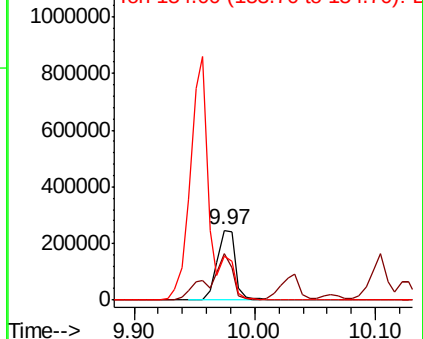
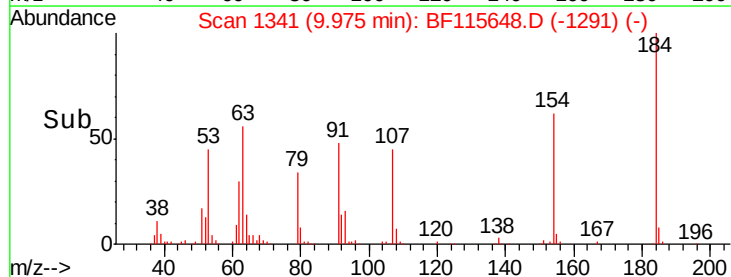


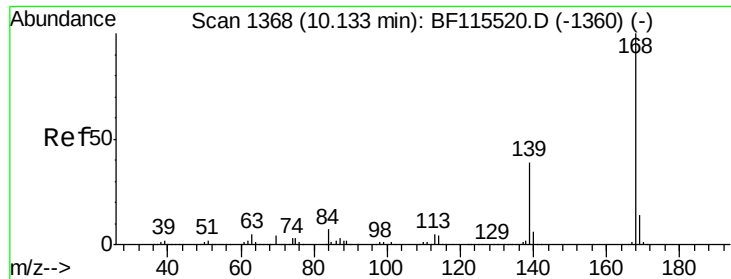
#54
2,4-Dinitrophenol
Concen: 71.971 ng
RT: 9.97 min Scan# 1341
Delta R.T. -0.01 min
Lab File: BF115648.D
Acq: 18 Jul 2019 15:32

Tgt Ion:184 Resp: 259577
Ion Ratio Lower Upper
184 100
63 65.6 48.7 73.1
154 62.4 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

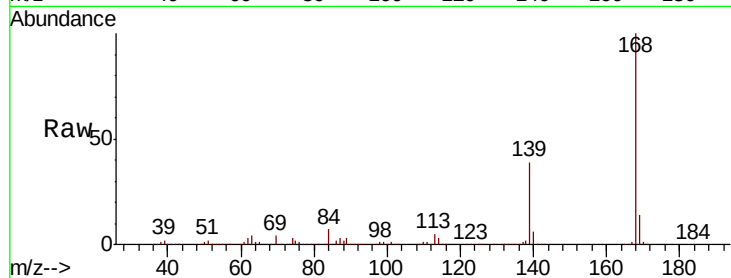




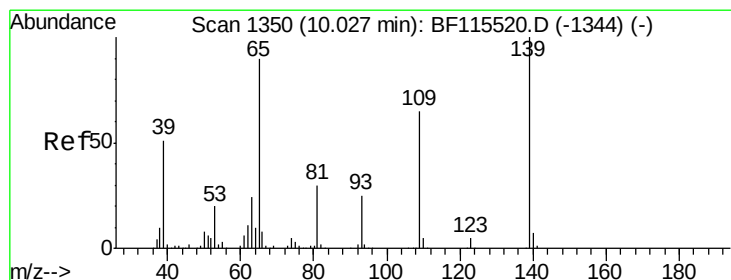
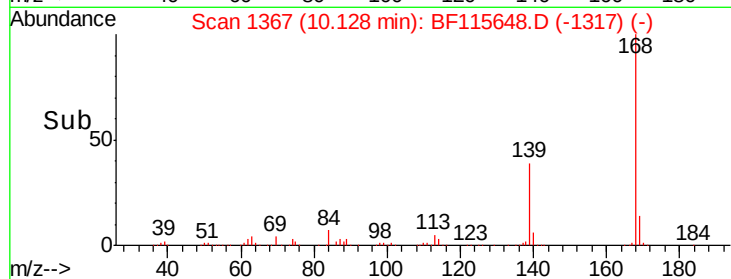
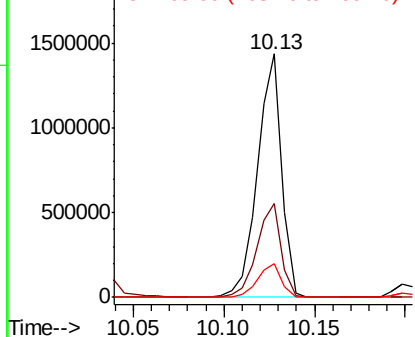
#55
Dibenzofuran
Concen: 36.483 ng
RT: 10.13 min Scan# 1367
Delta R.T. -0.01 min
Lab File: BF115648.D
Acq: 18 Jul 2019 15:32

Instrument :
BNA_F
ClientSampleId :

Tot Ion:168 Resp: 1325584
Ion Ratio Lower Upper
168 100
139 38.6 31.1 46.7
169 14.0 11.1 16.7

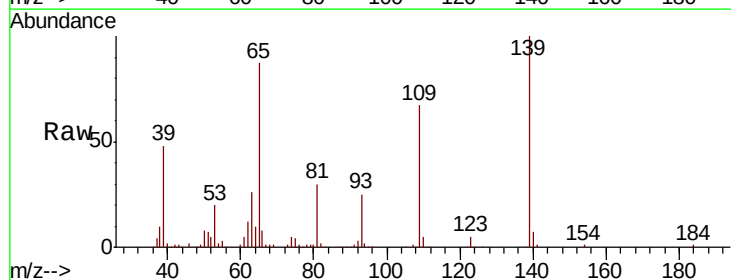


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

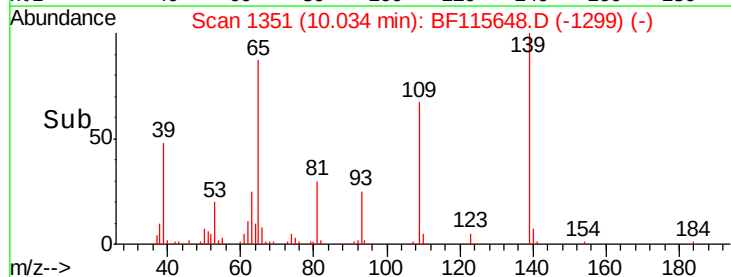
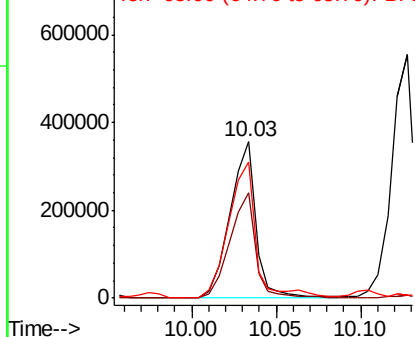


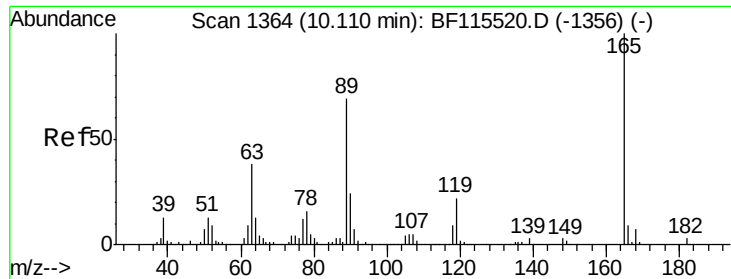
#56
4-Nitrophenol
Concen: 62.096 ng
RT: 10.03 min Scan# 1351
Delta R.T. 0.01 min
Lab File: BF115648.D
Acq: 18 Jul 2019 15:32

Tgt Ion:139 Resp: 380125
Ion Ratio Lower Upper
139 100
109 67.1 46.4 86.4
65 86.9 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

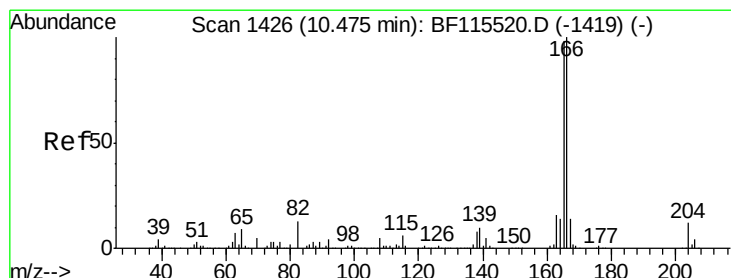
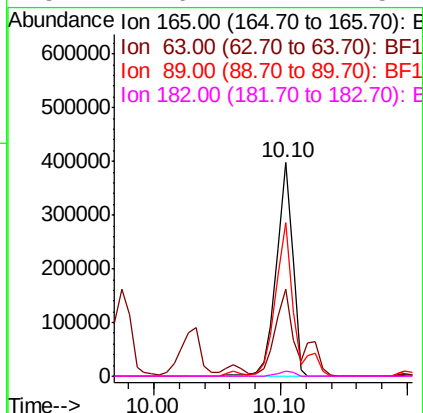
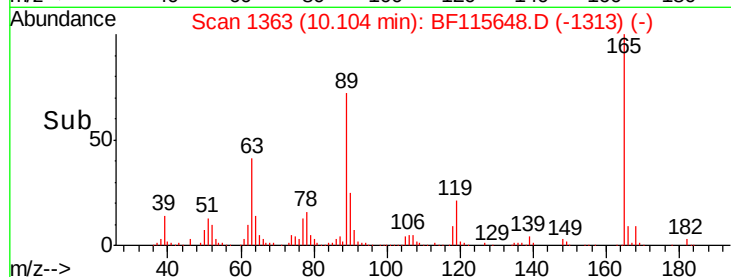
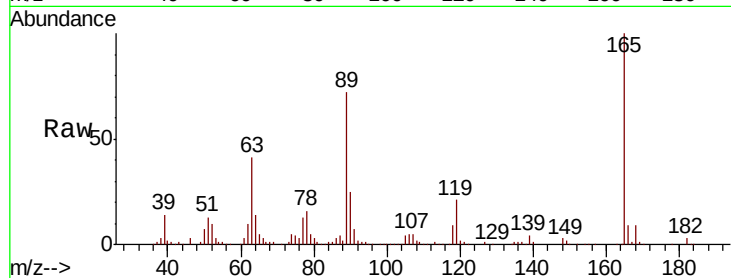




#57
2,4-Dinitrotoluene
Concen: 38.802 ng
RT: 10.10 min Scan# 1363
Delta R.T. -0.01 min
Lab File: BF115648.D
Acq: 18 Jul 2019 15:32

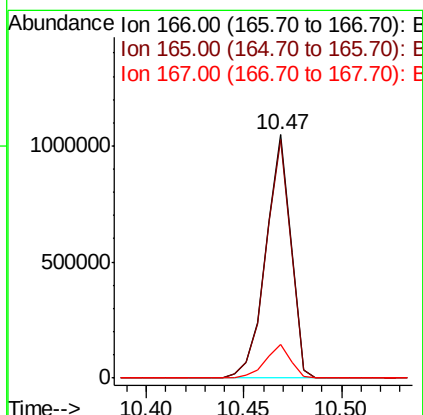
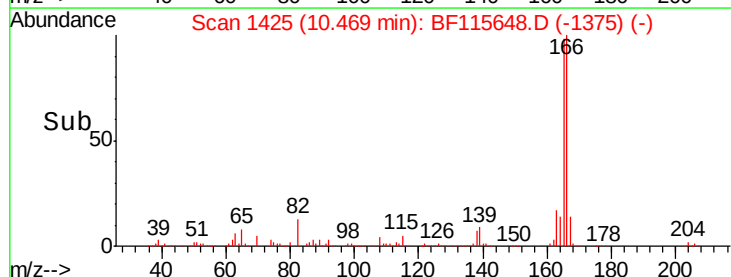
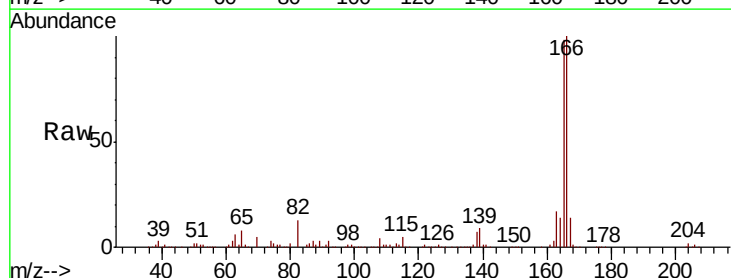
Instrument :
BNA_F
ClientSampleId :

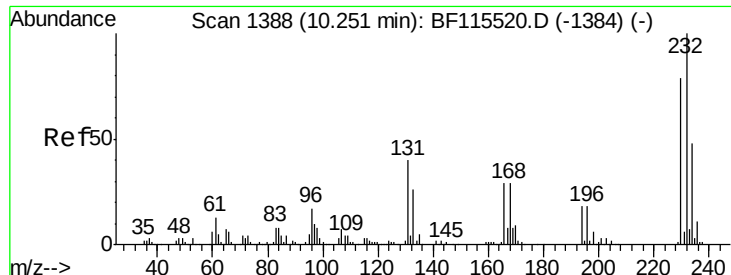
Tot Ion:165	Resp:	353140
Ion	Ratio	Lower Upper
165	100	
63	40.9	34.9 52.3
89	71.8	57.5 86.3
182	2.6	2.2 3.4



#58
Fluorene
Concen: 35.968 ng
RT: 10.47 min Scan# 1425
Delta R.T. -0.01 min
Lab File: BF115648.D
Acq: 18 Jul 2019 15:32

Tgt Ion:166	Resp:	934279
Ion	Ratio	Lower Upper
166	100	
165	97.9	79.8 119.6
167	13.7	11.2 16.8

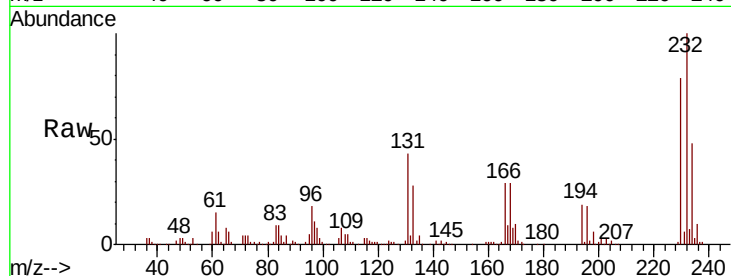




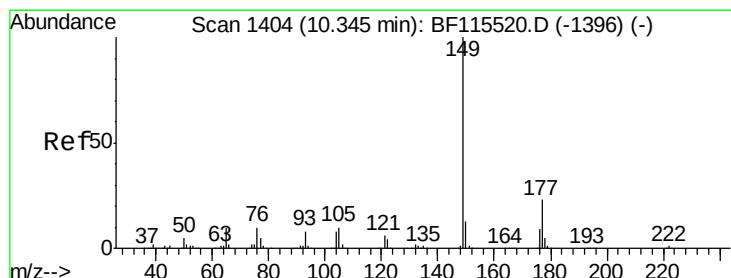
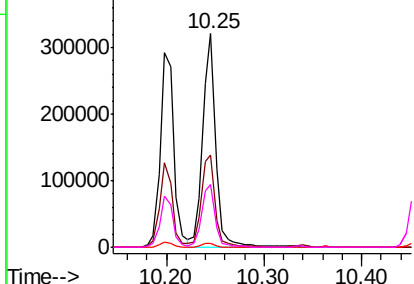
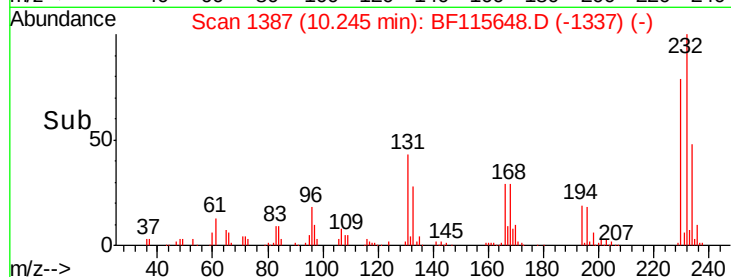
#59
2,3,4,6-Tetrachlorophenol
Concen: 38.329 ng
RT: 10.25 min Scan# 1387
Delta R.T. -0.01 min
Lab File: BF115648.D
Acq: 18 Jul 2019 15:32

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
232	100		
131	45.4	35.9	53.9
130	2.2	1.8	2.6
166	30.2	24.8	37.2

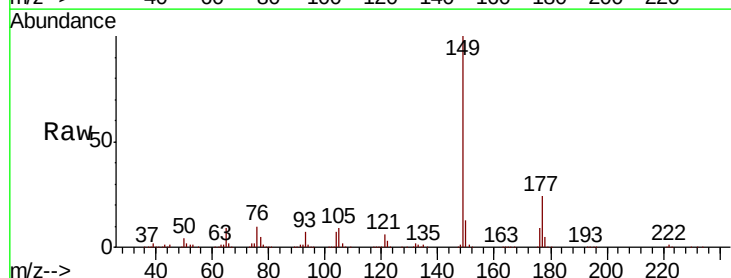


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

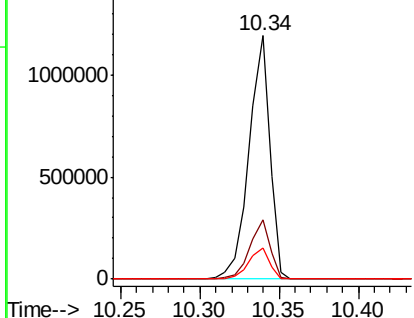
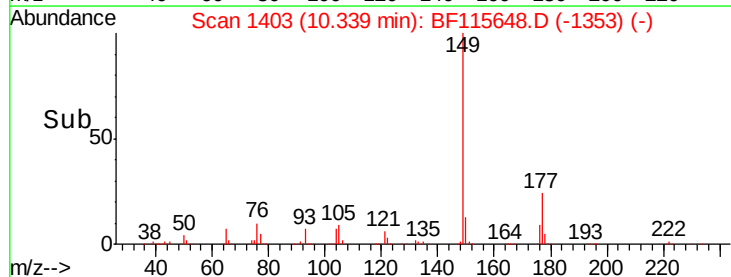


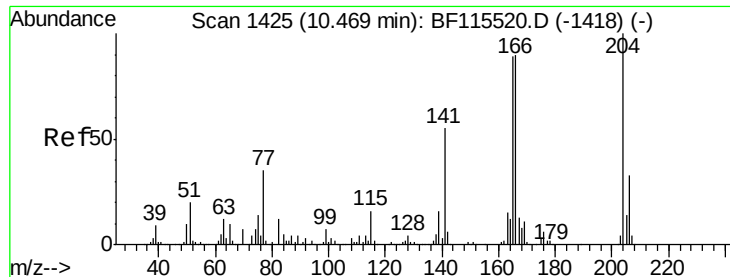
#60
Diethylphthalate
Concen: 37.539 ng
RT: 10.34 min Scan# 1403
Delta R.T. -0.01 min
Lab File: BF115648.D
Acq: 18 Jul 2019 15:32

Tgt Ion	Ratio	Lower	Upper
149	100		
177	24.1	19.5	29.3
150	13.0	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

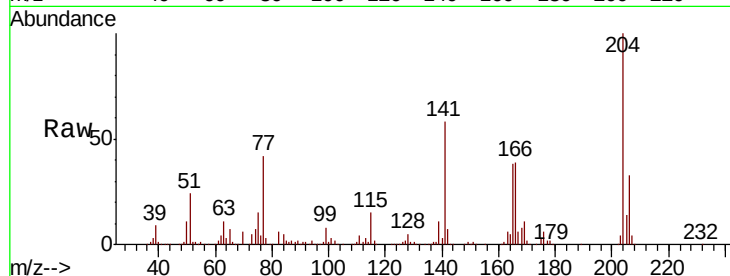




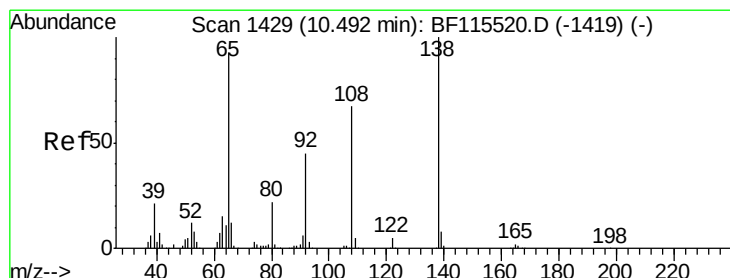
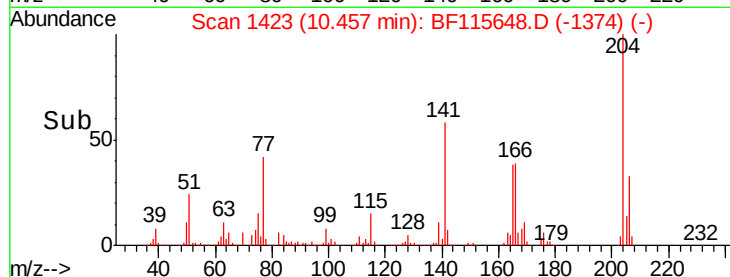
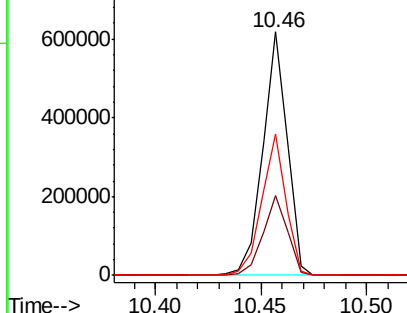
#61
4-Chlorophenyl-phenylether
Concen: 34.497 ng
RT: 10.46 min Scan# 1423
Delta R.T. -0.01 min
Lab File: BF115648.D
Acq: 18 Jul 2019 15:32

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.9	26.7	40.1
141	58.0	44.2	66.2

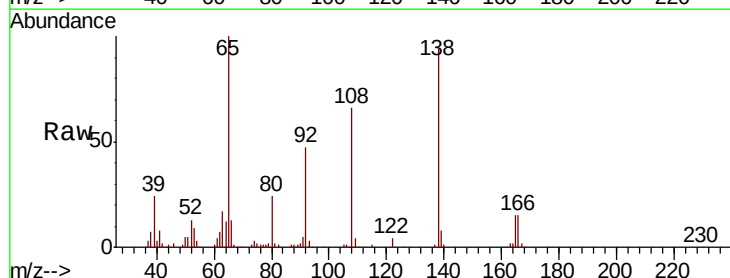


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

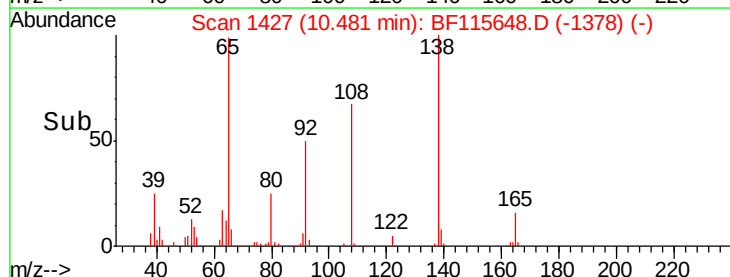
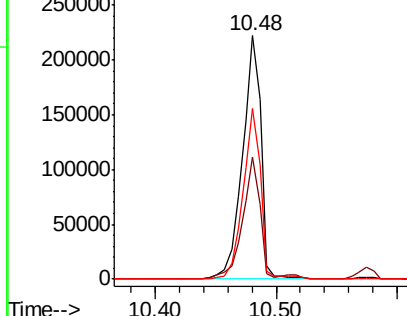


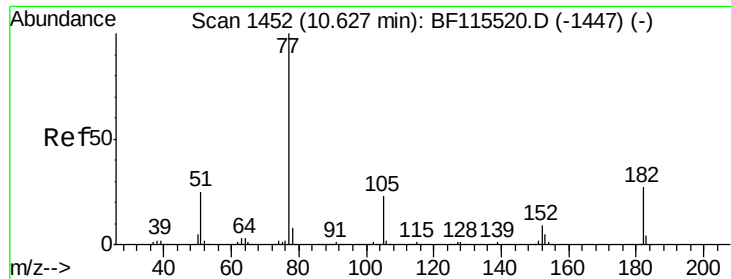
#62
4-Nitroaniline
Concen: 30.967 ng
RT: 10.48 min Scan# 1427
Delta R.T. -0.01 min
Lab File: BF115648.D
Acq: 18 Jul 2019 15:32

Tgt Ion	Ratio	Lower	Upper
138	100		
92	50.3	27.1	67.1
108	70.1	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

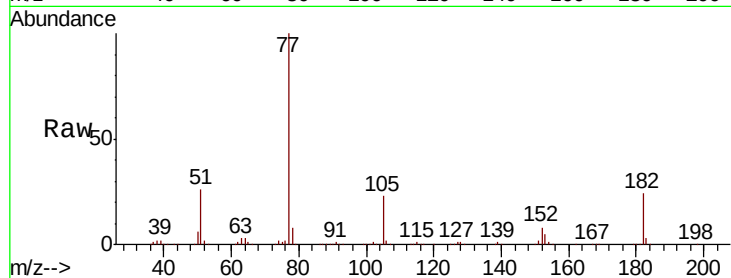




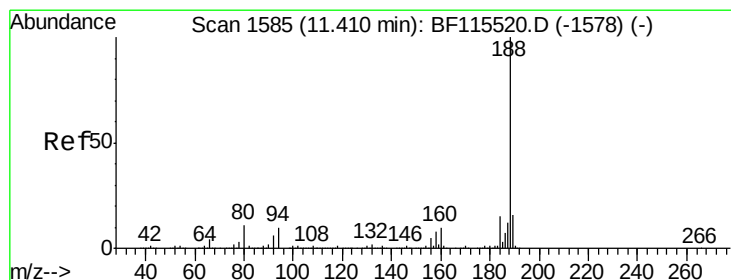
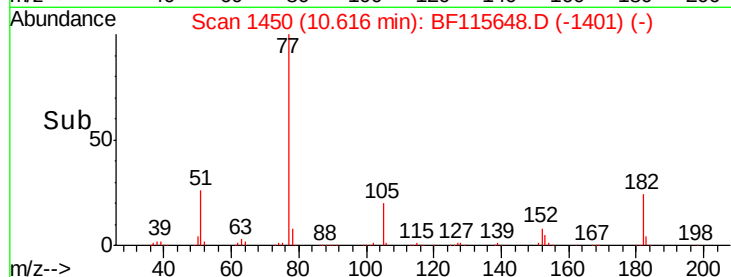
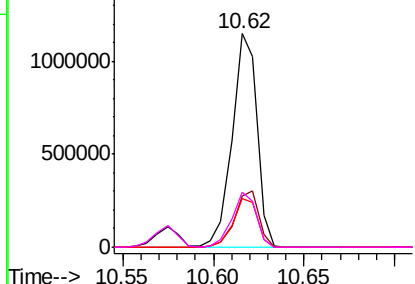
#63
Azobenzene
Concen: 38.956 ng
RT: 10.62 min Scan# 1450
Delta R.T. -0.01 min
Lab File: BF115648.D
Acq: 18 Jul 2019 15:32

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 77 Resp: 1094383
Ion Ratio Lower Upper
77 100
182 23.9 6.9 46.9
105 22.6 3.9 43.9
51 26.0 7.3 47.3

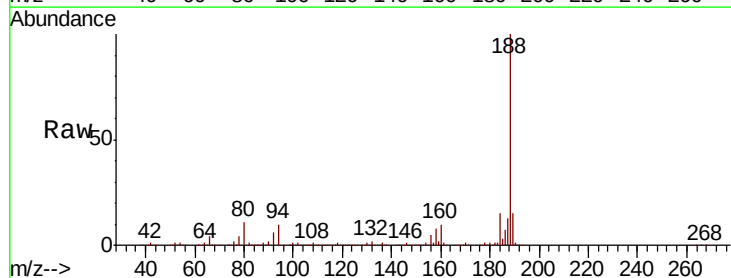


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

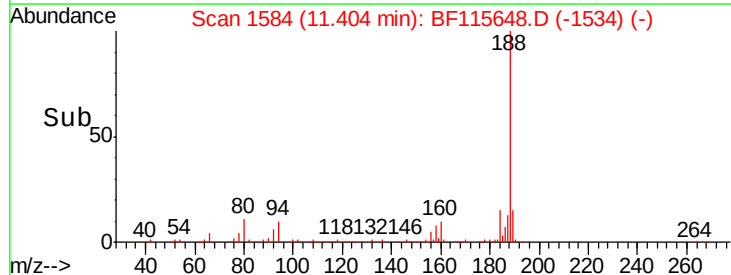
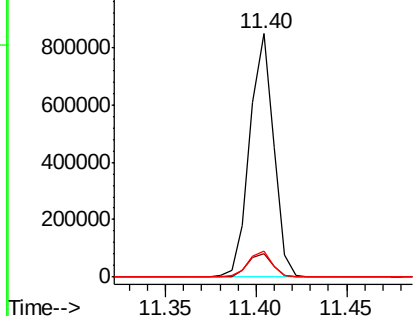


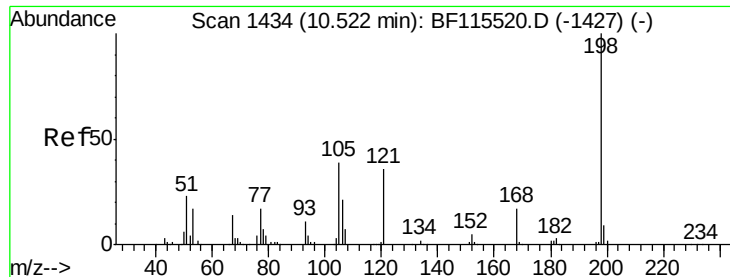
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1584
Delta R.T. -0.01 min
Lab File: BF115648.D
Acq: 18 Jul 2019 15:32

Tgt Ion: 188 Resp: 776727
Ion Ratio Lower Upper
188 100
94 9.8 7.8 11.6
80 10.9 8.6 13.0



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





#65

4,6-Dinitro-2-methylphenol

Concen: 36.402 ng

RT: 10.52 min Scan# 1433

Delta R.T. -0.01 min

Lab File: BF115648.D

Acq: 18 Jul 2019 15:32

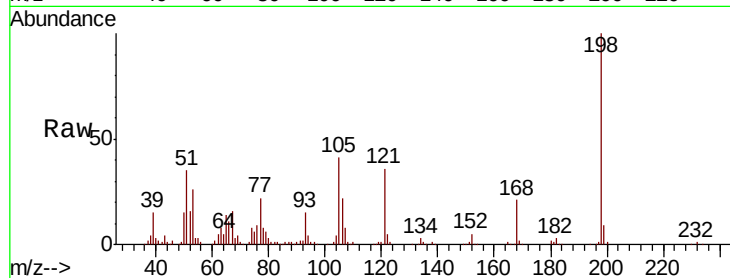
Instrument :

BNA_F

ClientSampleId :

Tot Ion:198 Resp: 172747

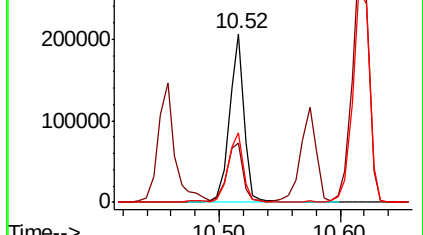
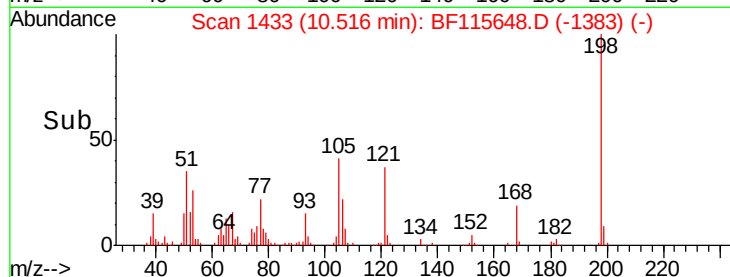
Ion	Ratio	Lower	Upper
198	100		
51	35.4	19.1	59.1
105	41.3	23.6	63.6



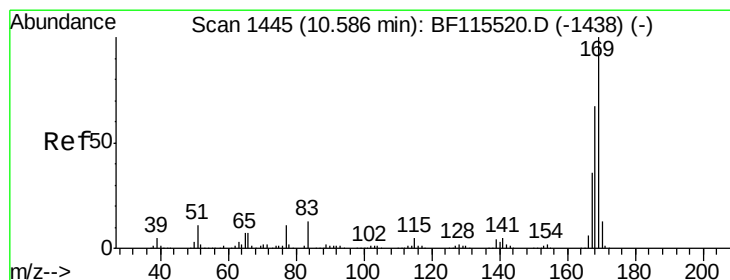
Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



Time-->



#66

n-Nitrosodiphenylamine

Concen: 35.955 ng

RT: 10.57 min Scan# 1443

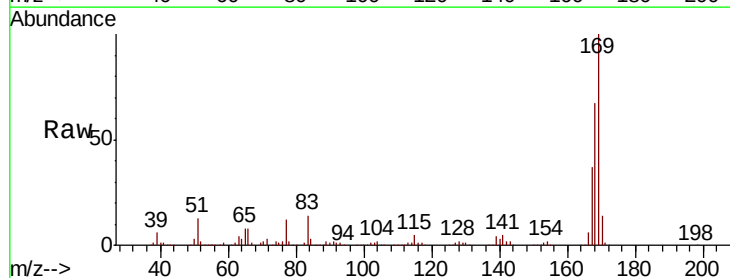
Delta R.T. -0.01 min

Lab File: BF115648.D

Acq: 18 Jul 2019 15:32

Tgt Ion:169 Resp: 868722

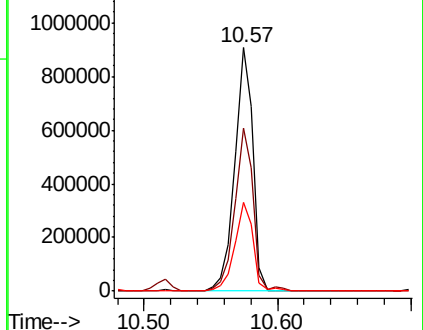
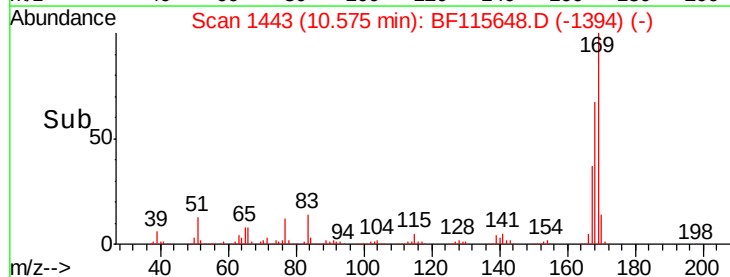
Ion	Ratio	Lower	Upper
169	100		
168	66.8	54.3	81.5
167	36.5	30.2	45.2



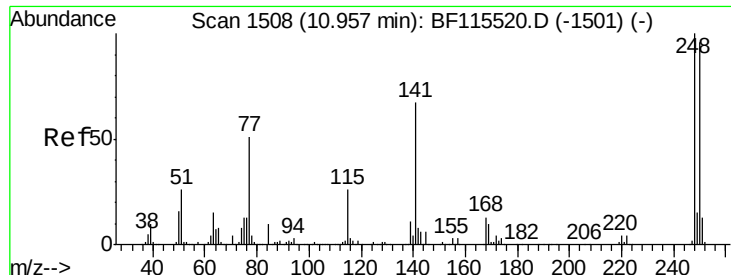
Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



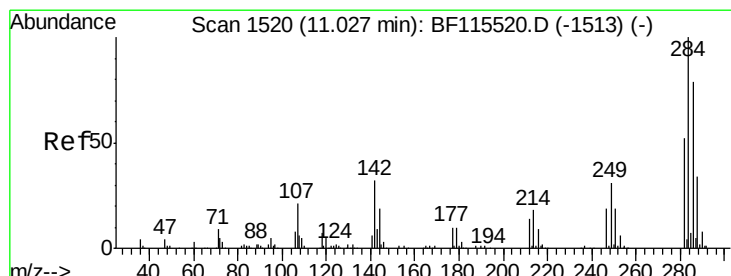
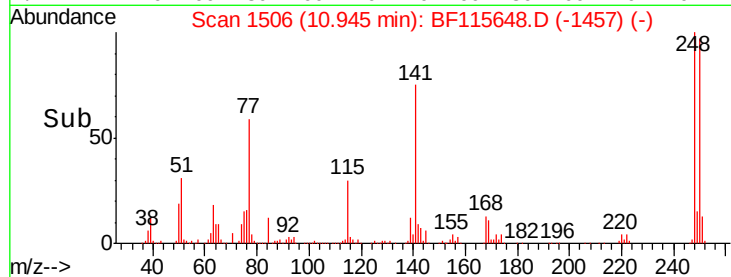
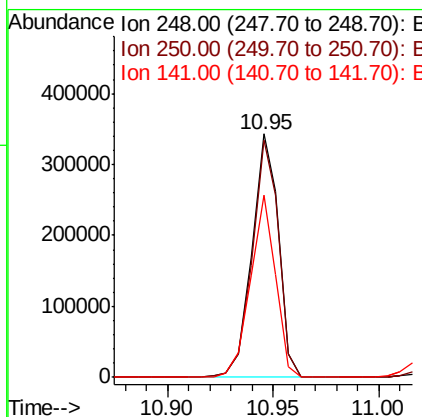
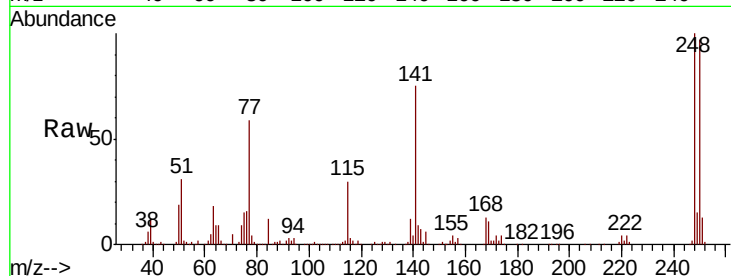
Time-->



#67
 4-Bromophenyl-phenylether
 Concen: 33.839 ng
 RT: 10.95 min Scan# 1506
 Delta R.T. -0.01 min
 Lab File: BF115648.D
 Acq: 18 Jul 2019 15:32

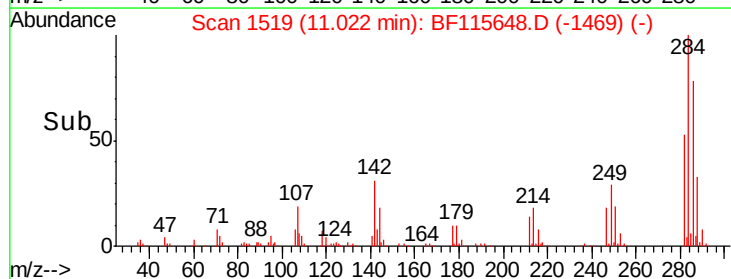
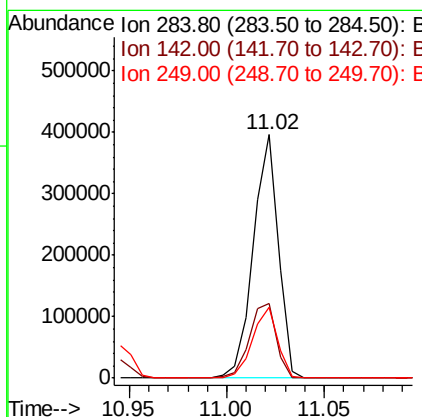
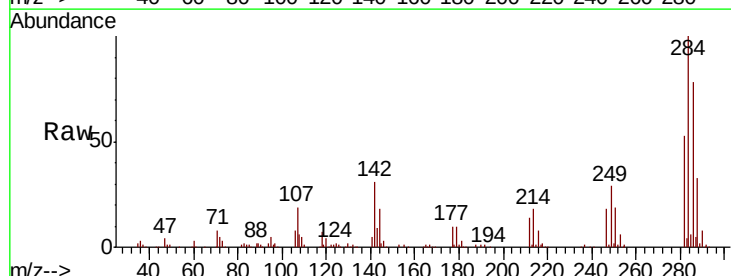
Instrument :
 BNA_F
 ClientSampleId :

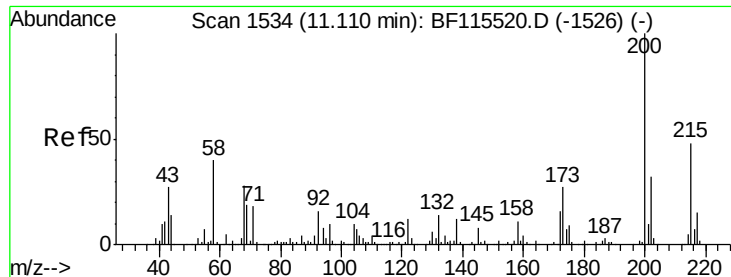
Tot Ion:	248	Resp:	300358
Ion	Ratio	Lower	Upper
248	100		
250	97.5	78.0	117.0
141	75.0	57.7	86.5



#68
 Hexachlorobenzene
 Concen: 34.703 ng
 RT: 11.02 min Scan# 1519
 Delta R.T. -0.01 min
 Lab File: BF115648.D
 Acq: 18 Jul 2019 15:32

Tgt Ion:	284	Resp:	351765
Ion	Ratio	Lower	Upper
284	100		
142	30.9	22.2	33.2
249	29.2	23.4	35.2

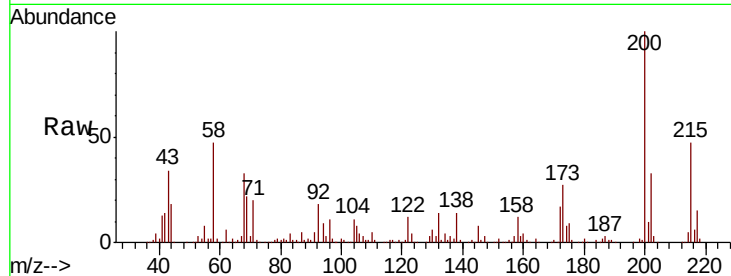




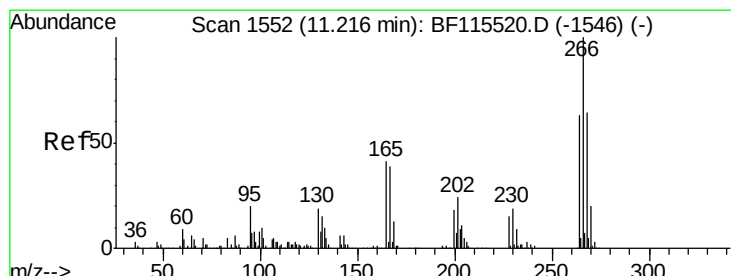
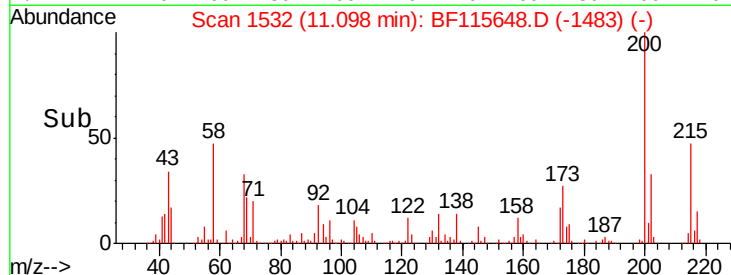
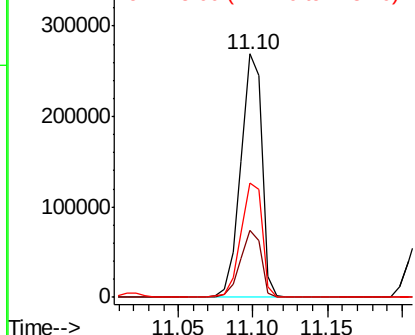
#69
Atrazine
Concen: 33.616 ng
RT: 11.10 min Scan# 1532
Delta R.T. -0.01 min
Lab File: BF115648.D
Acq: 18 Jul 2019 15:32

Instrument :
BNA_F
ClientSampleId :

Tot Ion:200 Resp: 266444
Ion Ratio Lower Upper
200 100
173 27.5 6.9 46.9
215 47.2 27.9 67.9

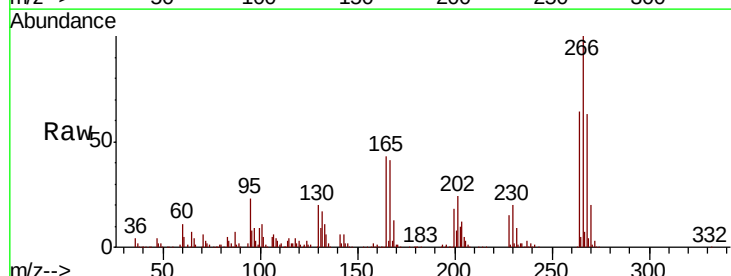


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

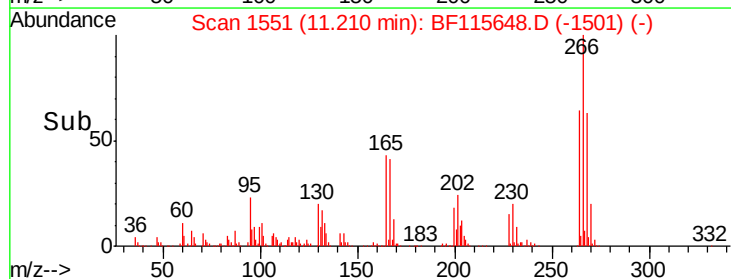
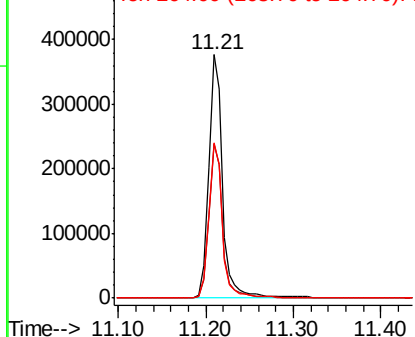


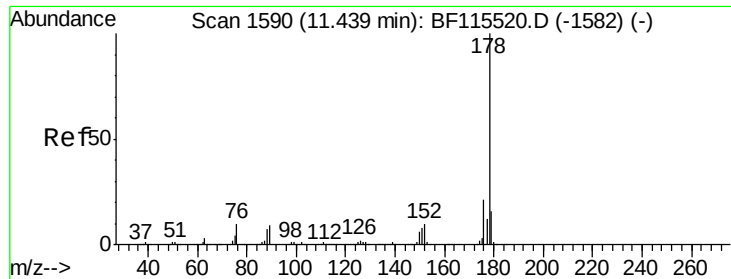
#70
Pentachlorophenol
Concen: 66.722 ng
RT: 11.21 min Scan# 1551
Delta R.T. -0.01 min
Lab File: BF115648.D
Acq: 18 Jul 2019 15:32

Tgt Ion:266 Resp: 413662
Ion Ratio Lower Upper
266 100
268 63.1 51.6 77.4
264 63.8 50.6 76.0



Abundance Ion 265.70 (265.40 to 266.40): E
Ion 268.00 (267.70 to 268.70): E
Ion 264.00 (263.70 to 264.70): E

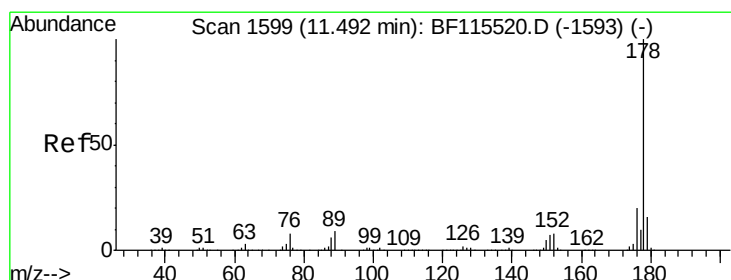
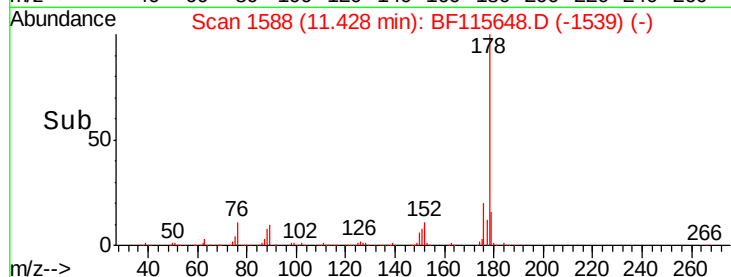
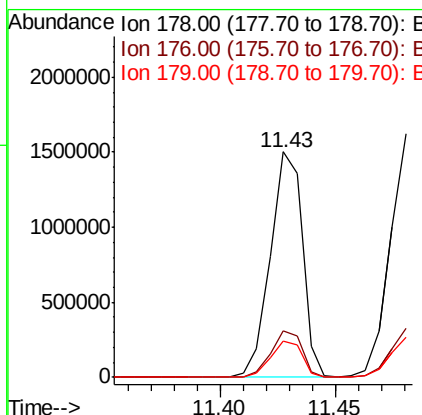
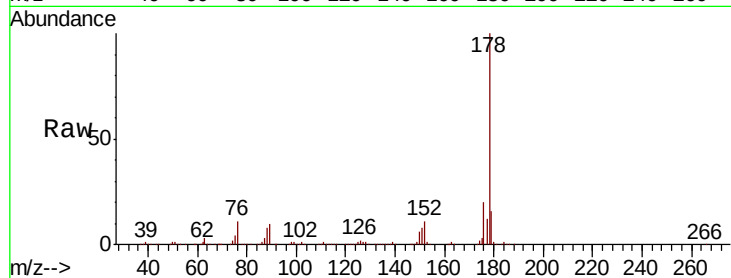




#71
Phenanthrene
Concen: 36.426 ng
RT: 11.43 min Scan# 1588
Delta R.T. -0.01 min
Lab File: BF115648.D
Acq: 18 Jul 2019 15:32

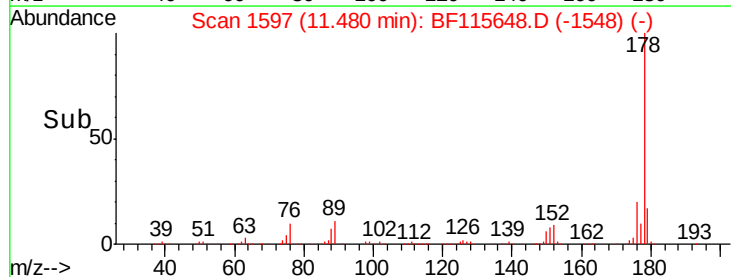
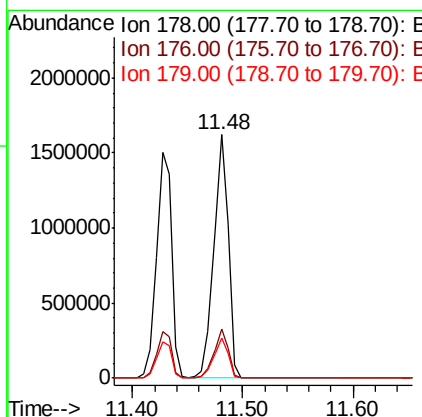
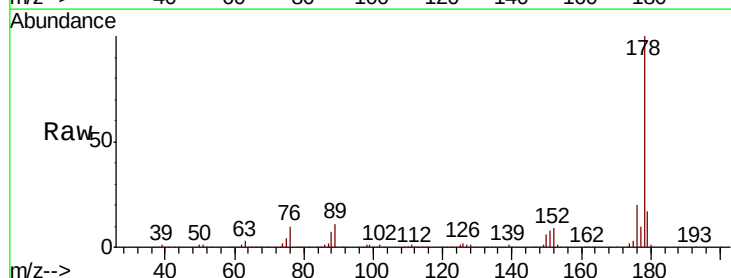
Instrument :
BNA_F
ClientSampleId :

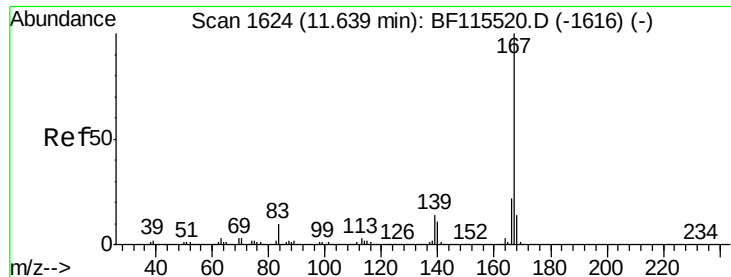
Tot Ion:178 Resp: 1450289
Ion Ratio Lower Upper
178 100
176 20.4 17.2 25.8
179 16.0 13.5 20.3



#72
Anthracene
Concen: 35.378 ng
RT: 11.48 min Scan# 1597
Delta R.T. -0.01 min
Lab File: BF115648.D
Acq: 18 Jul 2019 15:32

Tgt Ion:178 Resp: 1455701
Ion Ratio Lower Upper
178 100
176 20.2 15.9 23.9
179 16.6 12.7 19.1

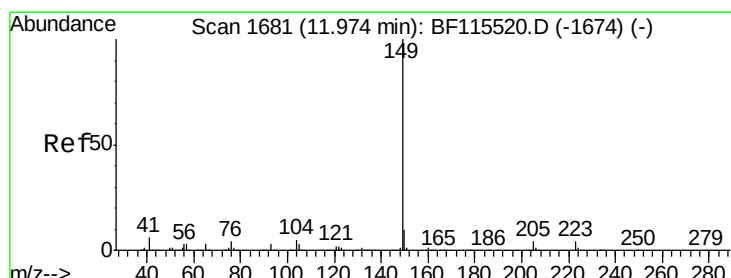
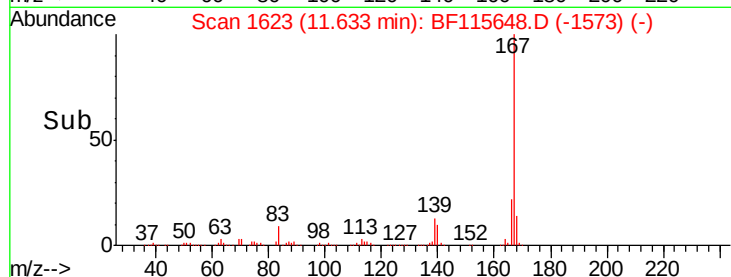
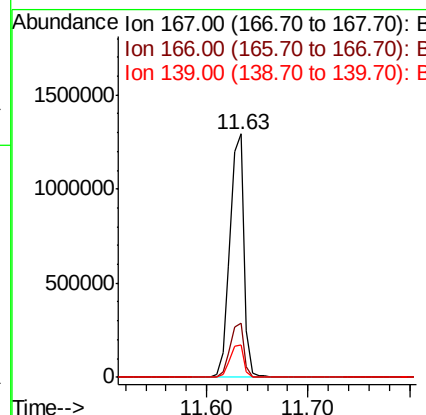
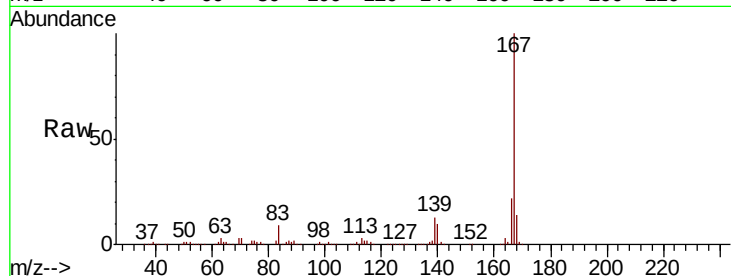




#73
 Carbazole
 Concen: 34.731 ng
 RT: 11.63 min Scan# 1623
 Delta R.T. -0.01 min
 Lab File: BF115648.D
 Acq: 18 Jul 2019 15:32

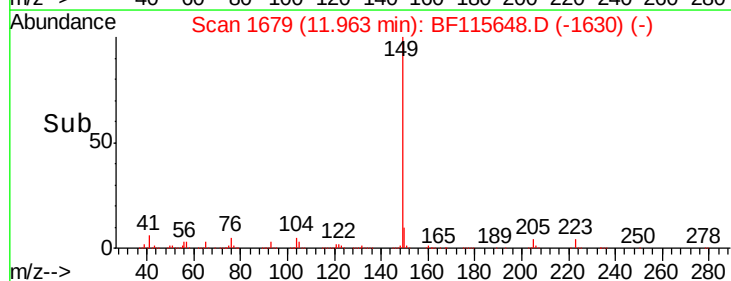
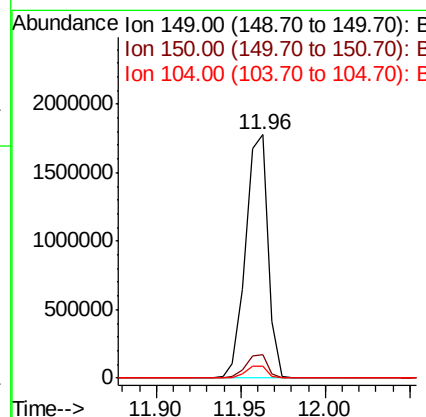
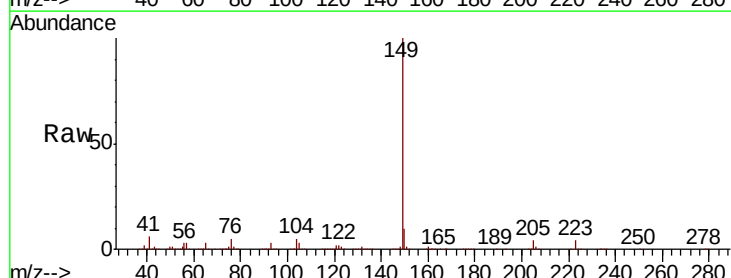
Instrument :
 BNA_F
 ClientSampleId :

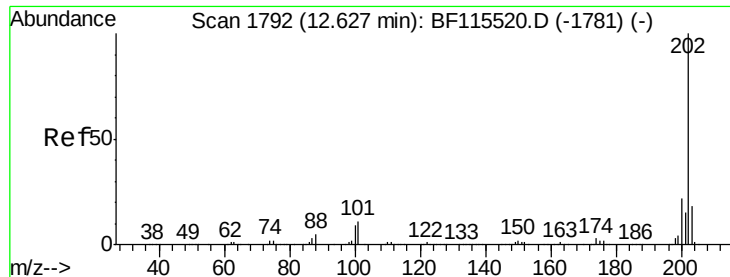
Tot Ion:167 Resp: 1253165
 Ion Ratio Lower Upper
 167 100
 166 22.5 18.1 27.1
 139 13.3 11.3 16.9



#74
 Di-n-butylphthalate
 Concen: 36.979 ng
 RT: 11.96 min Scan# 1679
 Delta R.T. -0.01 min
 Lab File: BF115648.D
 Acq: 18 Jul 2019 15:32

Tgt Ion:149 Resp: 1643558
 Ion Ratio Lower Upper
 149 100
 150 9.6 7.7 11.5
 104 4.9 3.8 5.8

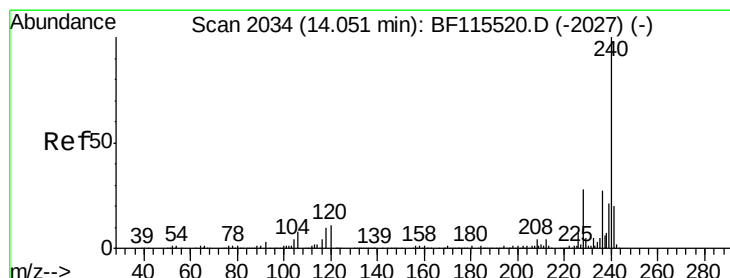
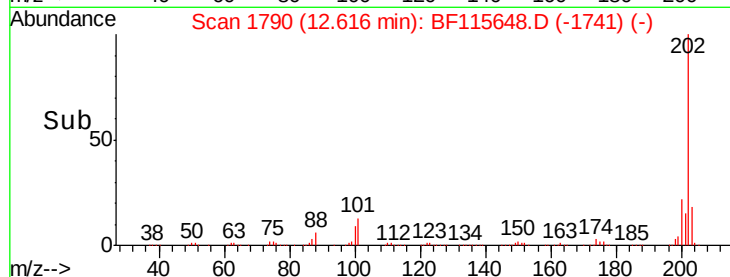
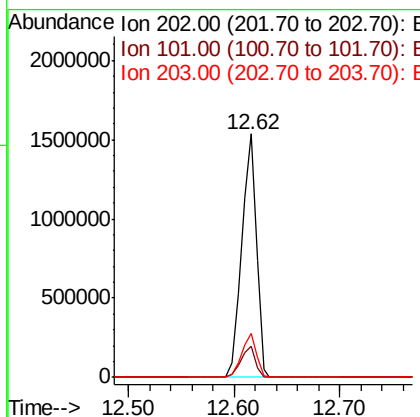
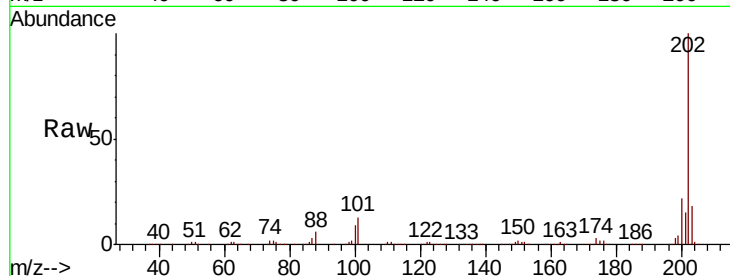




#75
 Fluoranthene
 Concen: 34.465 ng
 RT: 12.62 min Scan# 1790
 Delta R.T. -0.01 min
 Lab File: BF115648.D
 Acq: 18 Jul 2019 15:32

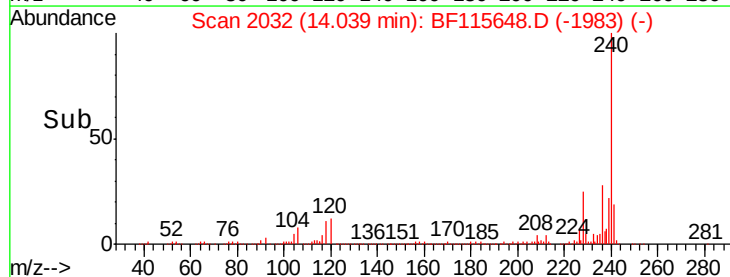
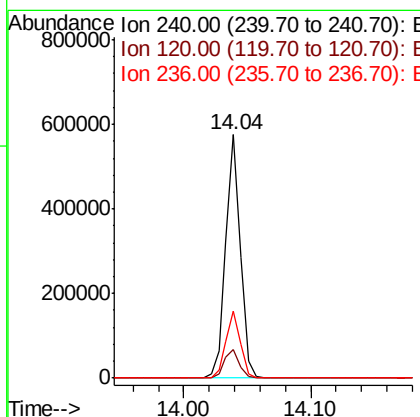
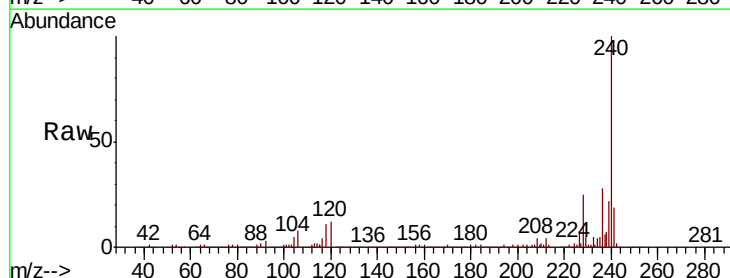
Instrument :
 BNA_F
 ClientSampleId :

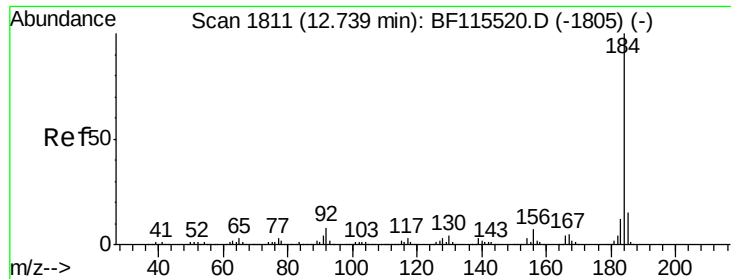
Tot Ion:202 Resp: 1450048
 Ion Ratio Lower Upper
 202 100
 101 12.6 0.0 31.4
 203 18.1 0.0 38.1



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.04 min Scan# 2032
 Delta R.T. -0.01 min
 Lab File: BF115648.D
 Acq: 18 Jul 2019 15:32

Tgt Ion:240 Resp: 461930
 Ion Ratio Lower Upper
 240 100
 120 11.8 8.6 13.0
 236 27.7 21.3 31.9





#77

Benzidine

Concen: 15.507 ng

RT: 12.73 min Scan# 1809

Delta R.T. -0.01 min

Lab File: BF115648.D

Acq: 18 Jul 2019 15:32

Instrument :

BNA_F

ClientSampleId :

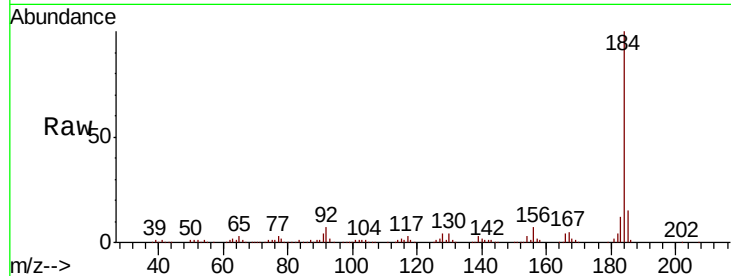
Tot Ion:184 Resp: 253759

Ion Ratio Lower Upper

184 100

185 14.7 12.0 18.0

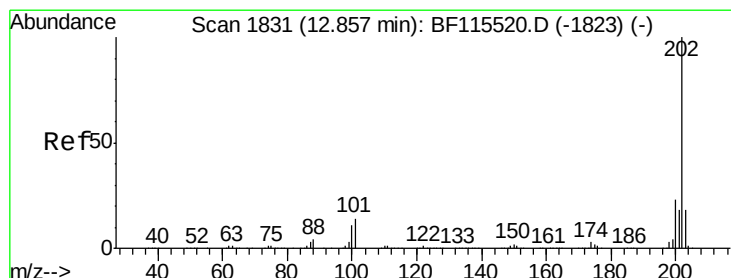
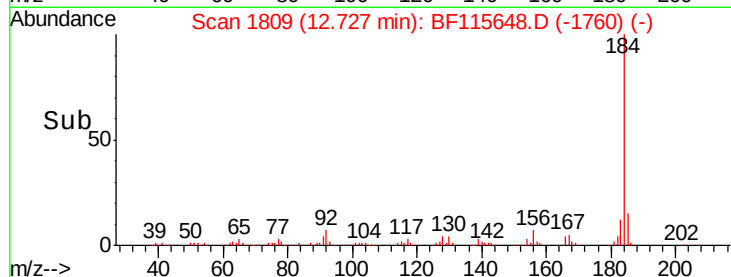
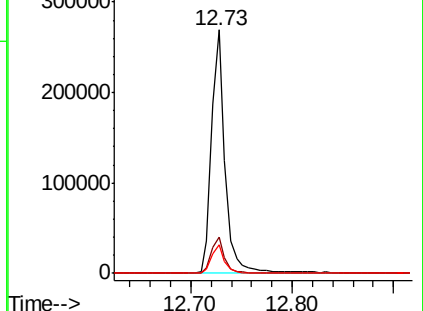
183 11.6 9.3 13.9



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: 37.158 ng

RT: 12.85 min Scan# 1829

Delta R.T. -0.01 min

Lab File: BF115648.D

Acq: 18 Jul 2019 15:32

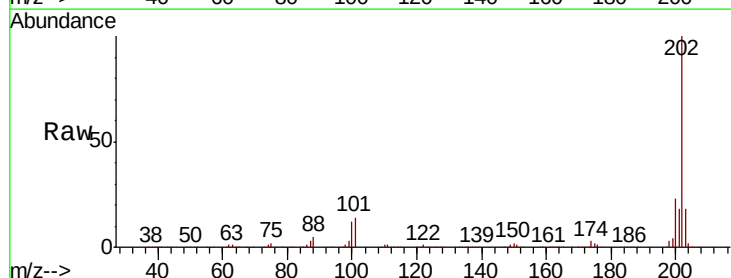
Tgt Ion:202 Resp: 1454212

Ion Ratio Lower Upper

202 100

200 22.6 18.7 28.1

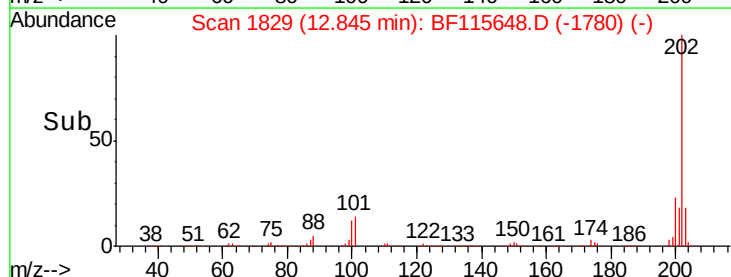
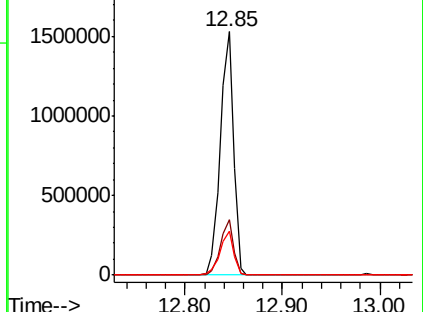
203 18.0 15.2 22.8

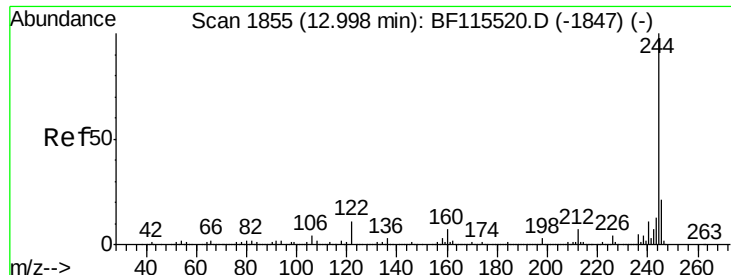


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



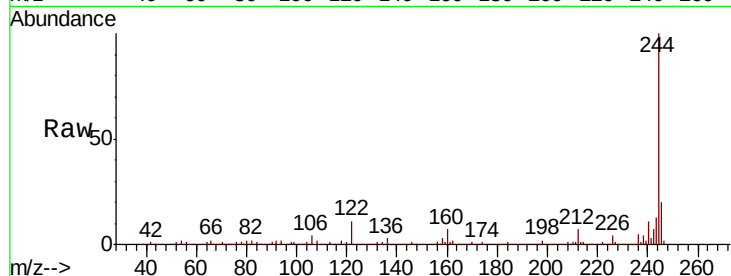


#79
 Terphenyl-d14
 Concen: 73.024 ng
 RT: 12.99 min Scan# 1853
 Delta R.T. -0.01 min
 Lab File: BF115648.D
 Acq: 18 Jul 2019 15:32

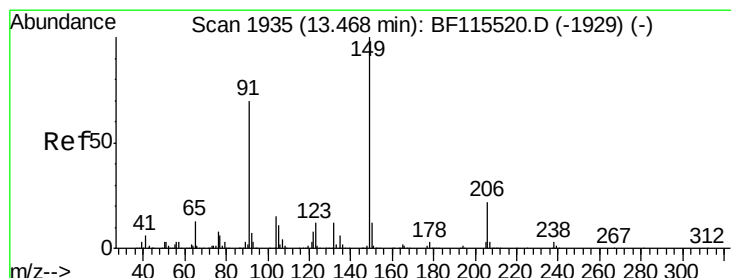
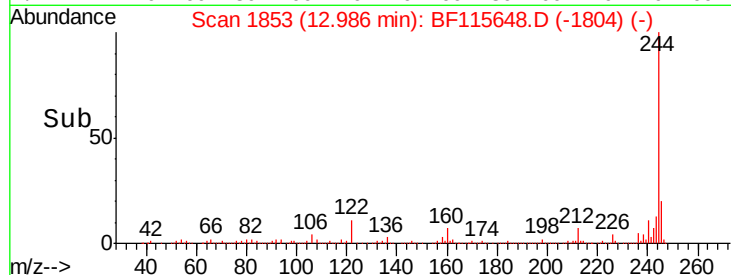
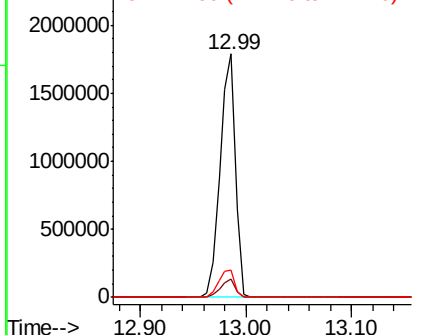
Instrument :
 BNA_F
 ClientSampled :

Tot Ion:244 Resp: 1828136

Ion	Ratio	Lower	Upper
244	100		
212	7.3	6.0	9.0
122	11.0	8.6	12.8



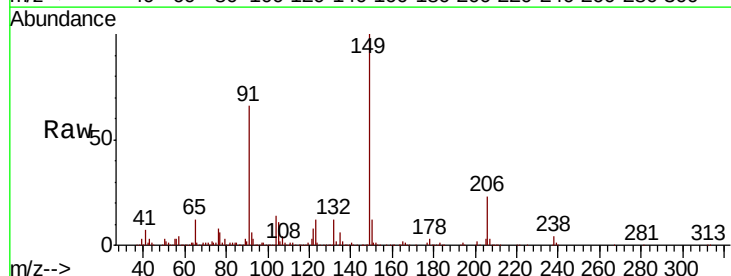
Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



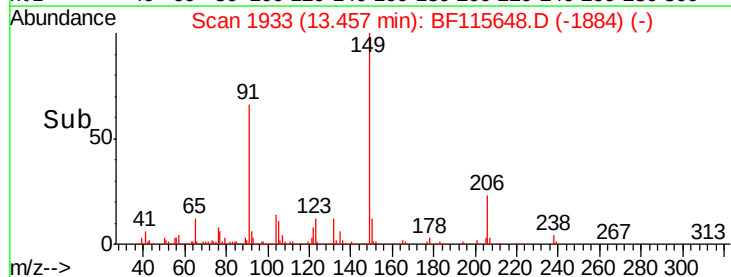
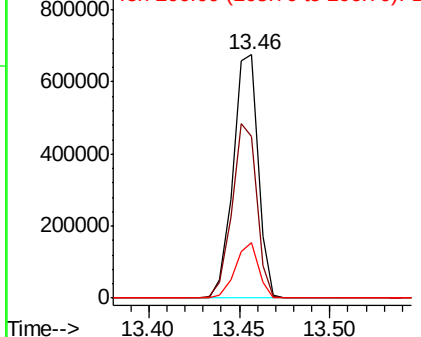
#80
 Butylbenzylphthalate
 Concen: 39.034 ng
 RT: 13.46 min Scan# 1933
 Delta R.T. -0.01 min
 Lab File: BF115648.D
 Acq: 18 Jul 2019 15:32

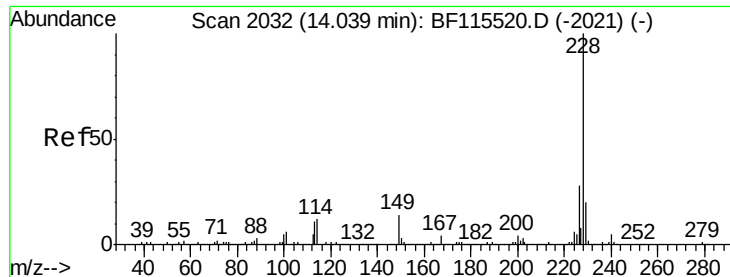
Tgt Ion:149 Resp: 651223

Ion	Ratio	Lower	Upper
149	100		
91	66.2	55.8	83.8
206	22.8	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: 36.272 ng

RT: 14.03 min Scan# 2030

Delta R.T. -0.01 min

Lab File: BF115648.D

Acq: 18 Jul 2019 15:32

Instrument :

BNA_F

ClientSampleId :

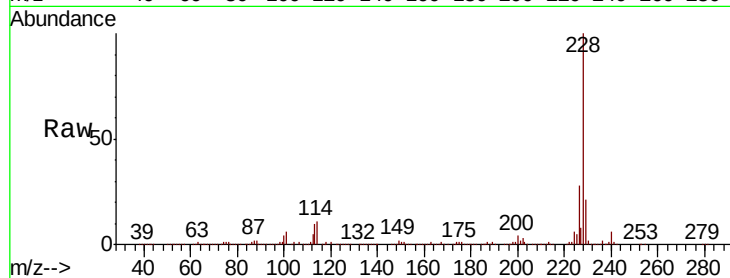
Tot Ion:228 Resp: 1103818

Ion	Ratio	Lower	Upper
228	100		
226	27.7	23.4	35.0
229	20.6	17.2	25.8

228 100

226 27.7 23.4 35.0

229 20.6 17.2 25.8

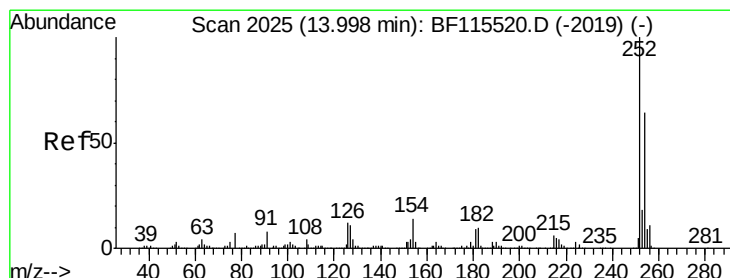
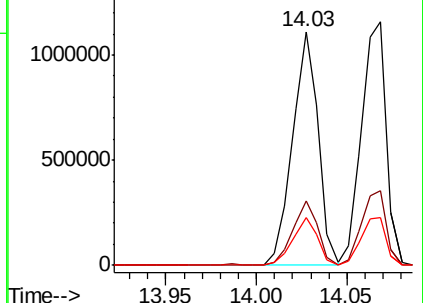
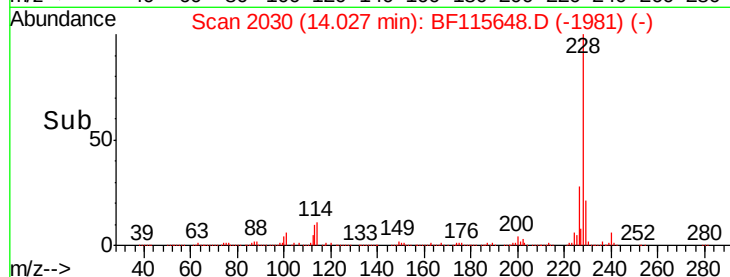


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 31.023 ng

RT: 13.99 min Scan# 2023

Delta R.T. -0.01 min

Lab File: BF115648.D

Acq: 18 Jul 2019 15:32

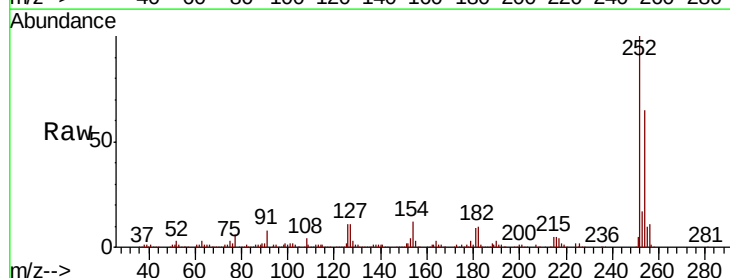
Tgt Ion:252 Resp: 335622

Ion	Ratio	Lower	Upper
252	100		
254	65.1	52.9	79.3
126	11.0	9.9	14.9

252 100

254 65.1 52.9 79.3

126 11.0 9.9 14.9

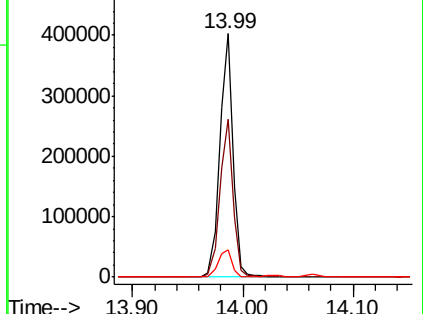
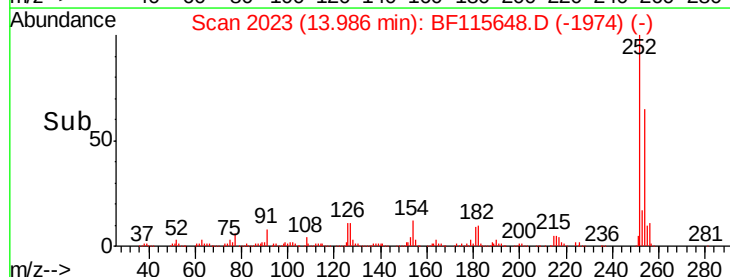


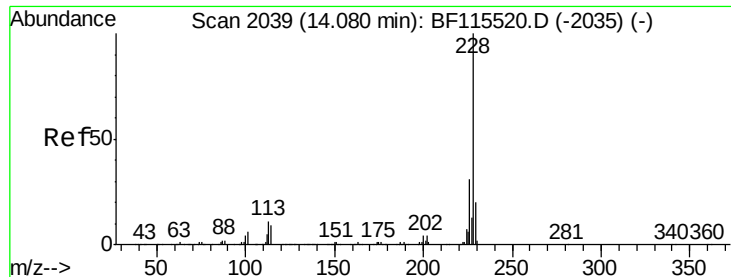
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E

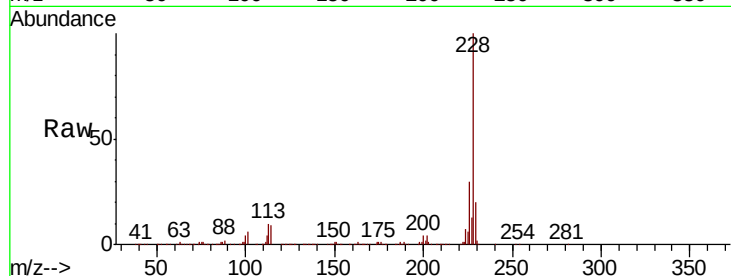




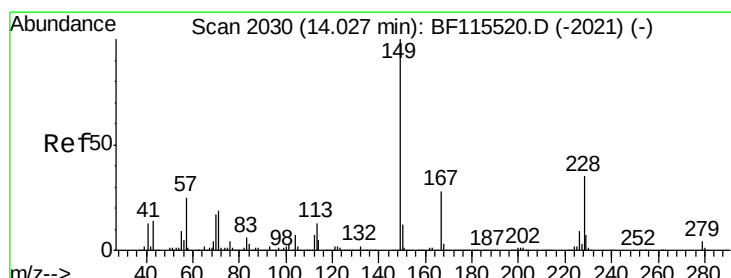
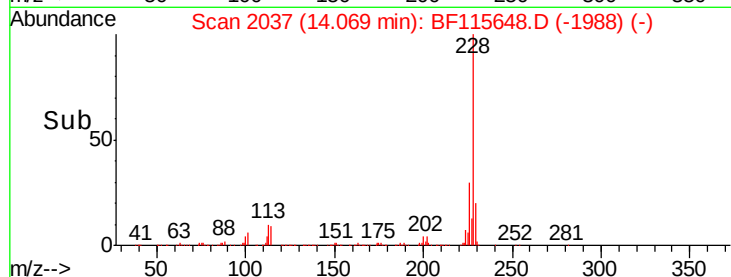
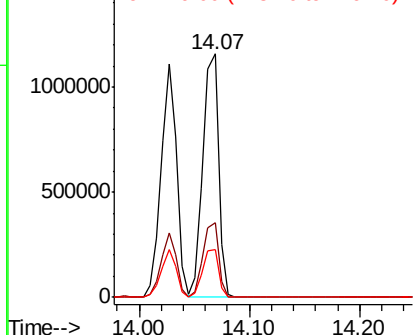
#83
 Chrysene
 Concen: 36.244 ng
 RT: 14.07 min Scan# 2037
 Delta R.T. -0.01 min
 Lab File: BF115648.D
 Acq: 18 Jul 2019 15:32

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:228 Resp: 1107234
 Ion Ratio Lower Upper
 228 100
 226 30.4 25.7 38.5
 229 19.8 16.6 25.0

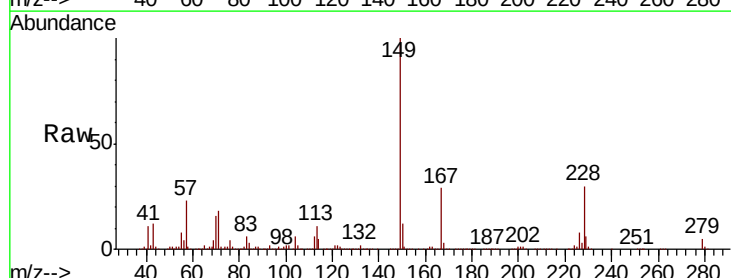


Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E

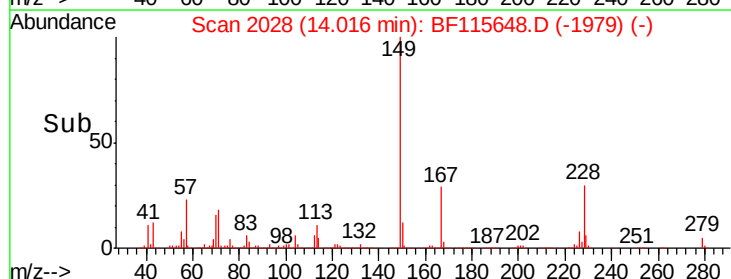
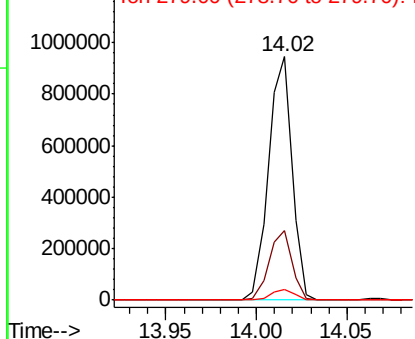


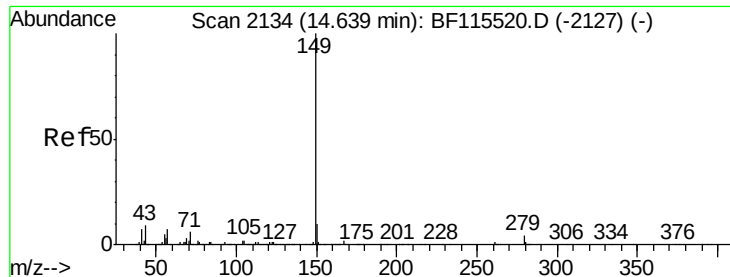
#84
 Bis(2-ethylhexyl)phthalate
 Concen: 41.322 ng
 RT: 14.02 min Scan# 2028
 Delta R.T. -0.01 min
 Lab File: BF115648.D
 Acq: 18 Jul 2019 15:32

Tgt Ion:149 Resp: 853957
 Ion Ratio Lower Upper
 149 100
 167 28.5 23.0 34.4
 279 4.6 4.2 6.2



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 41.318 ng

RT: 14.62 min Scan# 2131

Delta R.T. -0.02 min

Lab File: BF115648.D

Acq: 18 Jul 2019 15:32

Instrument :

BNA_F

ClientSampleId :

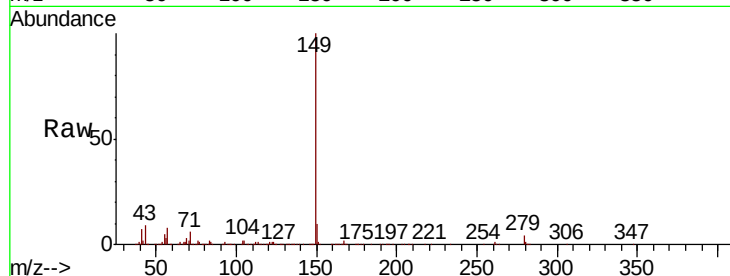
Tot Ion:149 Resp: 1358589

Ion Ratio Lower Upper

149 100

167 1.7 1.4 2.0

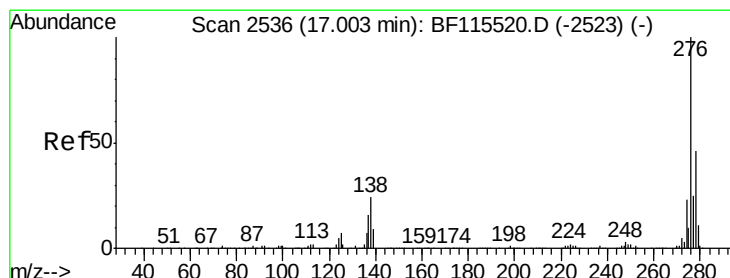
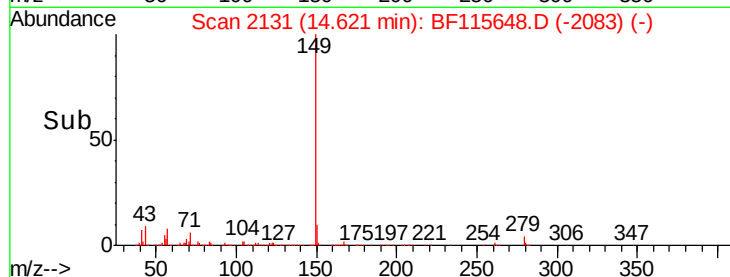
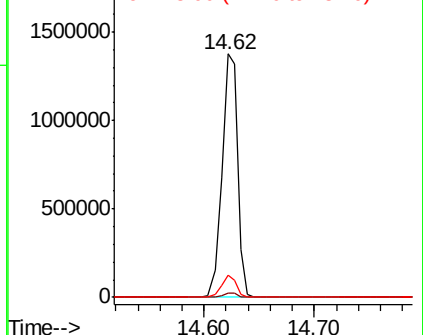
43 8.5 7.2 10.8



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: 37.913 ng

RT: 16.97 min Scan# 2531

Delta R.T. -0.03 min

Lab File: BF115648.D

Acq: 18 Jul 2019 15:32

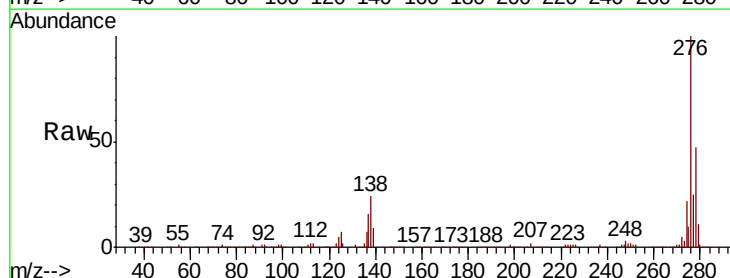
Tgt Ion:276 Resp: 983997

Ion Ratio Lower Upper

276 100

138 26.3 20.2 30.2

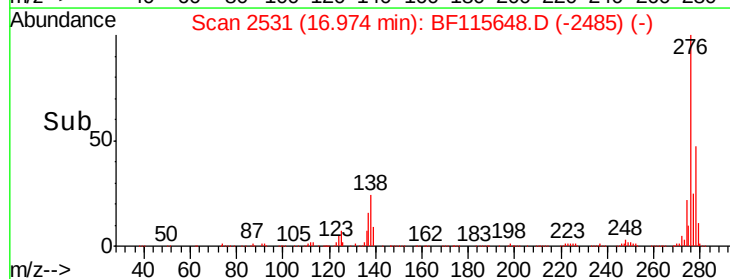
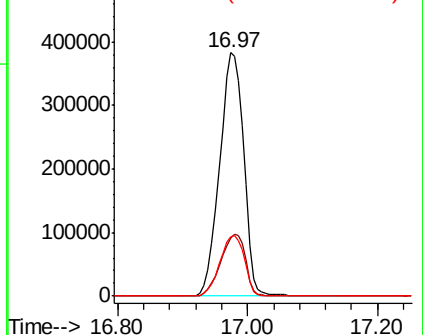
277 25.4 20.4 30.6

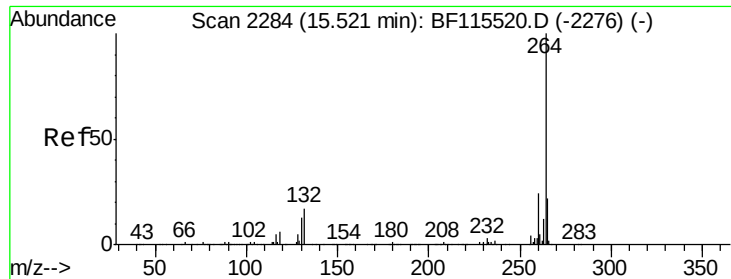


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

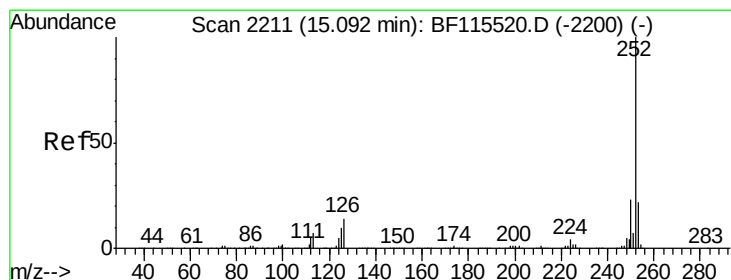
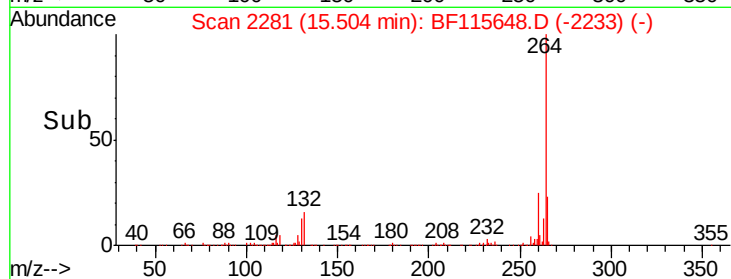
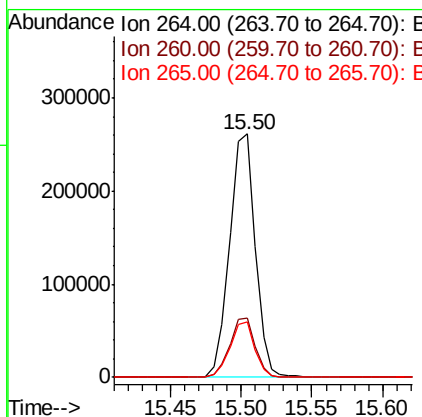
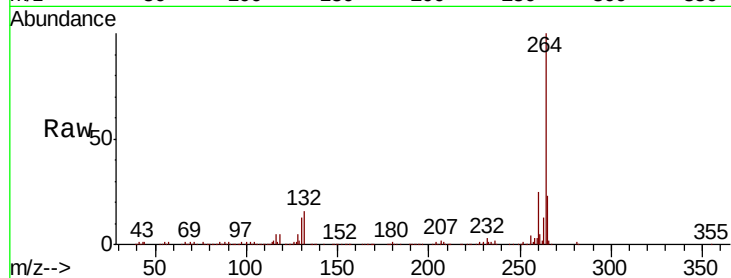




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.50 min Scan# 2281
Delta R.T. -0.02 min
Lab File: BF115648.D
Acq: 18 Jul 2019 15:32

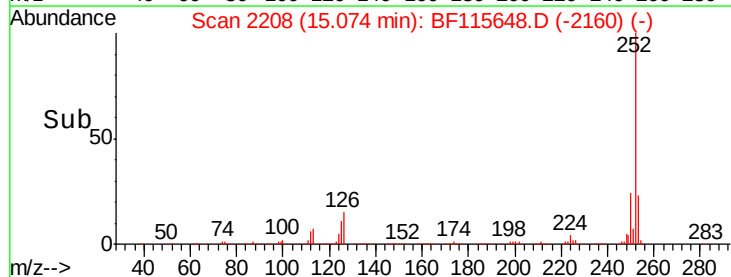
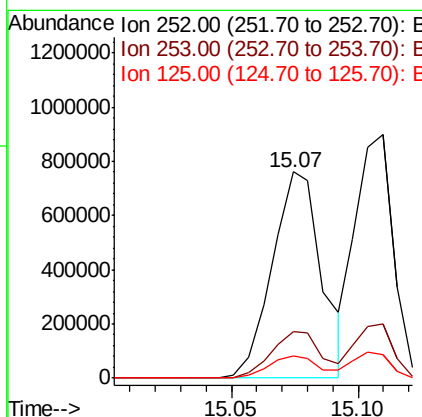
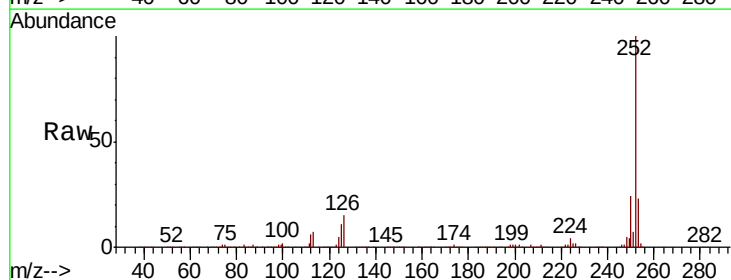
Instrument :
BNA_F
ClientSampleId :

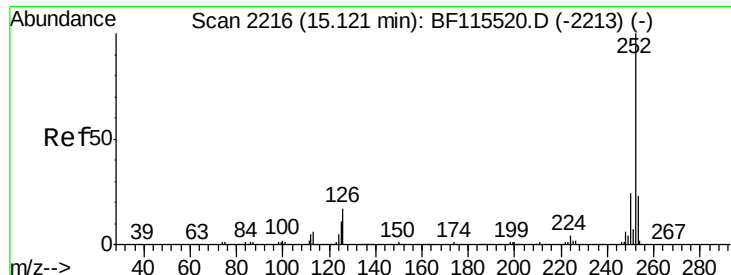
Tot Ion:264 Resp: 331549
Ion Ratio Lower Upper
264 100
260 24.5 19.8 29.8
265 22.6 17.7 26.5



#88
Benzo(b)fluoranthene
Concen: 48.647 ng
RT: 15.07 min Scan# 2208
Delta R.T. -0.02 min
Lab File: BF115648.D
Acq: 18 Jul 2019 15:32

Tgt Ion:252 Resp: 1038576
Ion Ratio Lower Upper
252 100
253 22.5 18.1 27.1
125 11.0 9.0 13.4

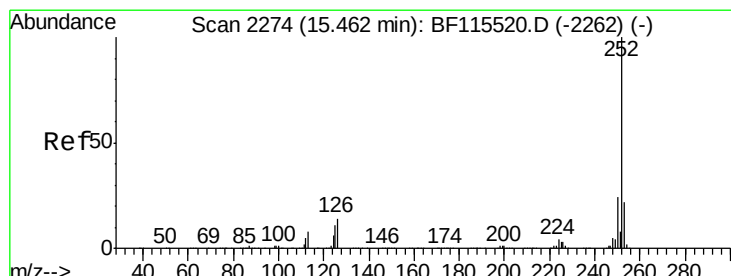
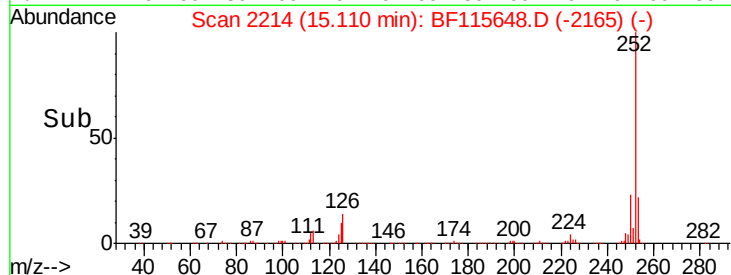
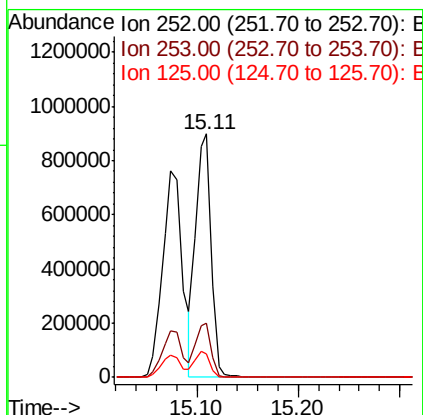
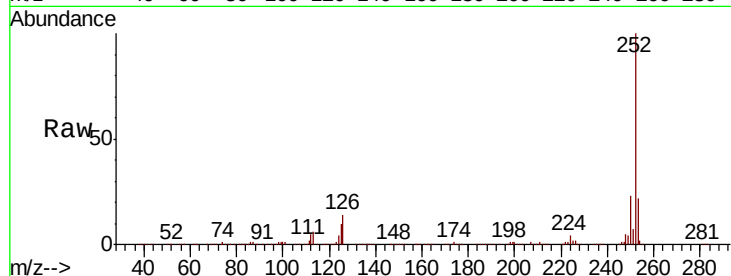




#89
Benzo(k)fluoranthene
Concen: 49.554 ng
RT: 15.11 min Scan# 2214
Delta R.T. -0.01 min
Lab File: BF115648.D
Acq: 18 Jul 2019 15:32

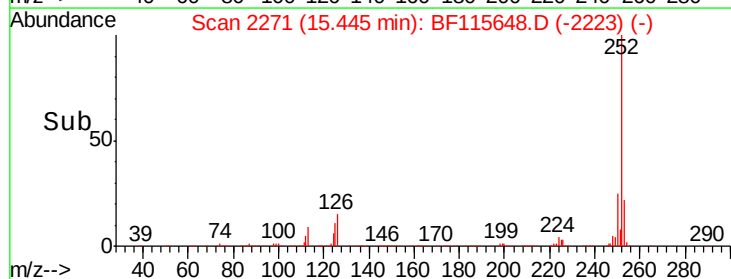
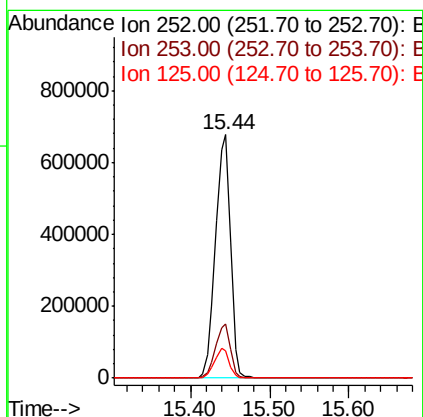
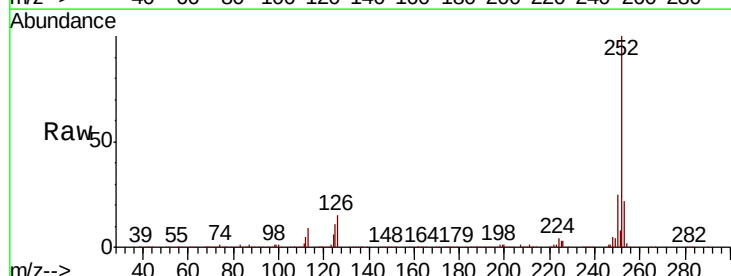
Instrument :
BNA_F
ClientSampleId :

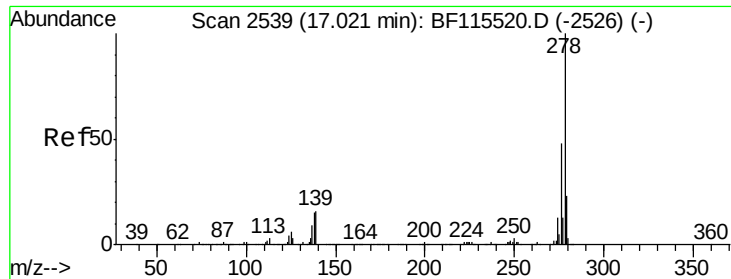
Tot Ion:252 Resp: 943210
Ion Ratio Lower Upper
252 100
253 22.3 18.6 28.0
125 9.8 9.0 13.6



#90
Benzo(a)pyrene
Concen: 48.841 ng
RT: 15.44 min Scan# 2271
Delta R.T. -0.02 min
Lab File: BF115648.D
Acq: 18 Jul 2019 15:32

Tgt Ion:252 Resp: 896197
Ion Ratio Lower Upper
252 100
253 22.5 17.8 26.6
125 11.4 9.1 13.7





#91

Dibenzo(a,h)anthracene

Concen: 51.223 ng

RT: 16.99 min Scan# 2534

Delta R.T. -0.03 min

Lab File: BF115648.D

Acq: 18 Jul 2019 15:32

Instrument :

BNA_F

ClientSampleId :

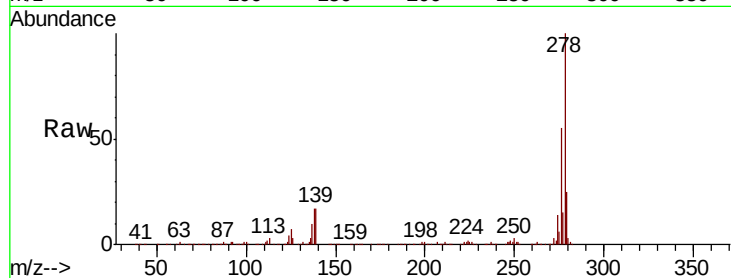
Tot Ion:278 Resp: 825149

Ion Ratio Lower Upper

278 100

139 17.2 13.1 19.7

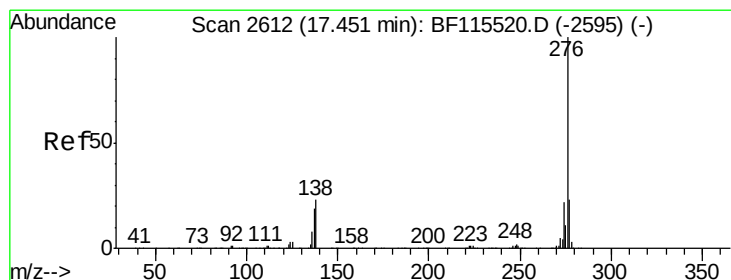
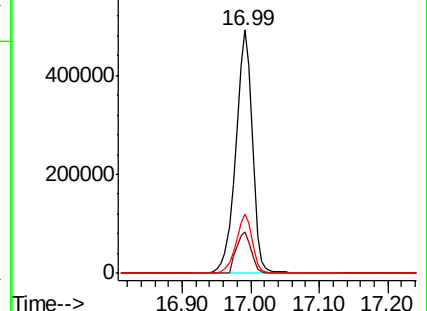
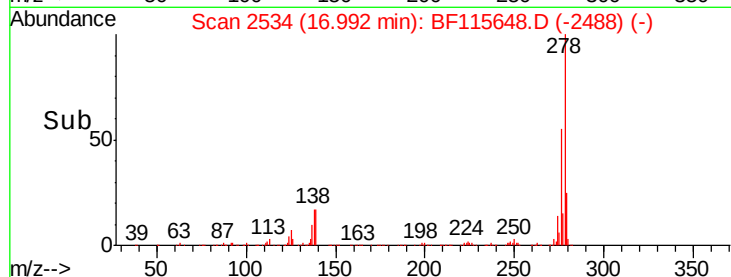
279 24.6 19.6 29.4



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: 48.035 ng

RT: 17.42 min Scan# 2607

Delta R.T. -0.03 min

Lab File: BF115648.D

Acq: 18 Jul 2019 15:32

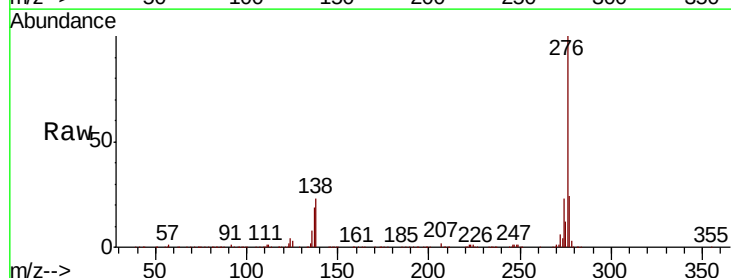
Tgt Ion:276 Resp: 771714

Ion Ratio Lower Upper

276 100

277 24.0 19.0 28.4

138 23.0 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

