

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072919\
 Data File : BF115833.D
 Acq On : 29 Jul 2019 11:05
 Operator : HP/JU
 Sample : SSTDICC020
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 29 13:12:22 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF072919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 29 13:05:20 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	140590	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	575984	20.00	ng	0.00
39) Acenaphthene-d10	9.90	164	282486	20.00	ng	0.00
64) Phenanthrene-d10	11.38	188	548657	20.00	ng	0.00
76) Chrysene-d12	14.02	240	440068	20.00	ng	0.00
87) Perylene-d12	15.48	264	492161	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.48	112	383149	44.58	ng	0.00
7) Phenol-d6	6.49	99	496620	45.54	ng	0.00
23) Nitrobenzene-d5	7.42	82	442764	44.70	ng	0.00
42) 2,4,6-Tribromophenol	10.68	330	132789	40.27	ng	0.00
45) 2-Fluorobiphenyl	9.22	172	789976	48.95	ng	0.00
79) Terphenyl-d14	12.96	244	881238	36.95	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.63	88	90611	21.134	ng	99
3) Pyridine	3.39	79	235787	20.270	ng	99
4) n-Nitrosodimethylamine	3.32	42	101190	23.980	ng	100
6) Aniline	6.52	93	331198	21.822	ng	98
8) 2-Chlorophenol	6.65	128	213926	21.648	ng	97
9) Benzaldehyde	6.41	77	160163	23.500	ng	99
10) Phenol	6.50	94	286872	22.659	ng	93
11) bis(2-Chloroethyl)ether	6.59	93	200298	20.780	ng	99
12) 1,3-Dichlorobenzene	6.80	146	239543	21.560	ng	98
13) 1,4-Dichlorobenzene	6.88	146	242856	21.908	ng	99
14) 1,2-Dichlorobenzene	7.03	146	227479	22.448	ng	98
15) Benzyl Alcohol	7.00	79	186027	21.502	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.13	45	272850	21.501	ng	100
17) 2-Methylphenol	7.11	107	176451	20.720	ng	98
18) Hexachloroethane	7.37	117	85636	20.813	ng	99
19) n-Nitroso-di-n-propylamine	7.27	70	148401	20.864	ng	99
20) 3+4-Methylphenols	7.26	107	220567	21.805	ng	96
22) Acetophenone	7.27	105	291970	22.438	ng	# 93
24) Nitrobenzene	7.44	77	238577	22.330	ng	98
25) Isophorone	7.68	82	409516	20.660	ng	98
26) 2-Nitrophenol	7.76	139	109923	19.988	ng	91
27) 2,4-Dimethylphenol	7.79	122	165179	20.075	ng	99
28) bis(2-Chloroethoxy)methane	7.89	93	253579	20.853	ng	99
29) 2,4-Dichlorophenol	8.00	162	178870	20.902	ng	99
30) 1,2,4-Trichlorobenzene	8.09	180	200120	20.688	ng	100
31) Naphthalene	8.16	128	628845	22.543	ng	99
32) Benzoic acid	7.90	122	120999	17.919	ng	96
33) 4-Chloroaniline	8.21	127	265217	21.465	ng	98
34) Hexachlorobutadiene	8.29	225	114888	20.711	ng	99
35) Caprolactam	8.56	113	55565	21.013	ng	99
36) 4-Chloro-3-methylphenol	8.69	107	189614	21.361	ng	97
37) 2-Methylnaphthalene	8.86	142	408049	22.068	ng	98
38) 1-Methylnaphthalene	8.95	142	392798	22.365	ng	100
40) 1,2,4,5-Tetrachlorobenzene	9.02	216	181371	21.321	ng	99

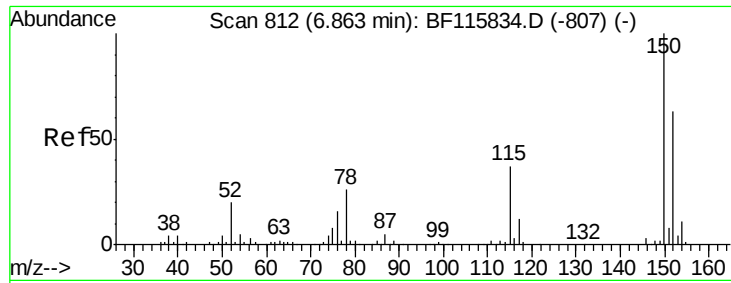
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072919\
 Data File : BF115833.D
 Acq On : 29 Jul 2019 11:05
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.01	237	53810	11.089	ng	99
43) 2,4,6-Trichlorophenol	9.13	196	120097	19.306	ng	98
44) 2,4,5-Trichlorophenol	9.17	196	125551	19.707	ng	98
46) 1,1'-Biphenyl	9.32	154	489262	22.154	ng	99
47) 2-Chloronaphthalene	9.34	162	397442	21.613	ng	98
48) 2-Nitroaniline	9.43	65	127356	22.376	ng	95
49) Acenaphthylene	9.76	152	614101	22.538	ng	98
50) Dimethylphthalate	9.61	163	445701	20.971	ng	99
51) 2,6-Dinitrotoluene	9.67	165	97566	20.200	ng	95
52) Acenaphthene	9.93	154	365301	20.766	ng	99
53) 3-Nitroaniline	9.85	138	119629	21.674	ng	91
54) 2,4-Dinitrophenol	9.96	184	35733	14.410	ng	96
55) Dibenzofuran	10.10	168	542454	21.714	ng	100
56) 4-Nitrophenol	10.00	139	80083	19.027	ng	96
57) 2,4-Dinitrotoluene	10.08	165	132547	21.182	ng	98
58) Fluorene	10.45	166	420553	23.548	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.22	232	107822	20.246	ng	98
60) Diethylphthalate	10.31	149	417495	20.965	ng	99
61) 4-Chlorophenyl-phenylether	10.43	204	204538	20.652	ng	97
62) 4-Nitroaniline	10.45	138	123917	23.405	ng	97
63) Azobenzene	10.59	77	444444	23.010	ng	98
65) 4,6-Dinitro-2-methylphenol	10.49	198	56580	16.879	ng	94
66) n-Nitrosodiphenylamine	10.55	169	360990	21.152	ng	99
67) 4-Bromophenyl-phenylether	10.92	248	124071	19.789	ng	96
68) Hexachlorobenzene	11.00	284	144391	20.166	ng	95
69) Atrazine	11.07	200	112225	20.044	ng	98
70) Pentachlorophenol	11.19	266	68769	15.703	ng	95
71) Phenanthrene	11.40	178	626686	22.283	ng	99
72) Anthracene	11.46	178	637292	21.927	ng	98
73) Carbazole	11.61	167	594032	23.307	ng	99
74) Di-n-butylphthalate	11.93	149	637584	20.309	ng	99
75) Fluoranthene	12.59	202	672333	22.623	ng	97
77) Benzidine	12.71	184	324072	20.788	ng	98
78) Pyrene	12.82	202	703291	18.863	ng	98
80) Butylbenzylphthalate	13.43	149	267864	16.853	ng	96
81) Benzo(a)anthracene	14.00	228	627097	21.630	ng	98
82) 3,3'-Dichlorobenzidine	13.96	252	224763	21.808	ng	99
83) Chrysene	14.04	228	605356	20.800	ng	99
84) Bis(2-ethylhexyl)phthalate	13.99	149	359766	18.274	ng	99
85) Di-n-octyl phthalate	14.60	149	606379	19.358	ng	100
86) Indeno(1,2,3-cd)pyrene	16.95	276	579218	23.425	ng	100
88) Benzo(b)fluoranthene	15.06	252	608410	19.198	ng	97
89) Benzo(k)fluoranthene	15.08	252	568011	20.103	ng	98
90) Benzo(a)pyrene	15.42	252	553486	20.320	ng	98
91) Dibenzo(a,h)anthracene	16.96	278	481556	20.138	ng	99
92) Benzo(g,h,i)perylene	17.39	276	457625	19.189	ng	99

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

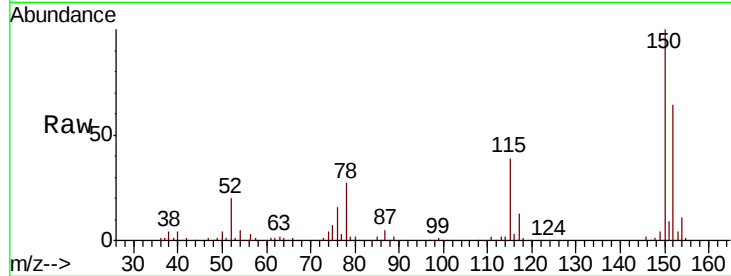


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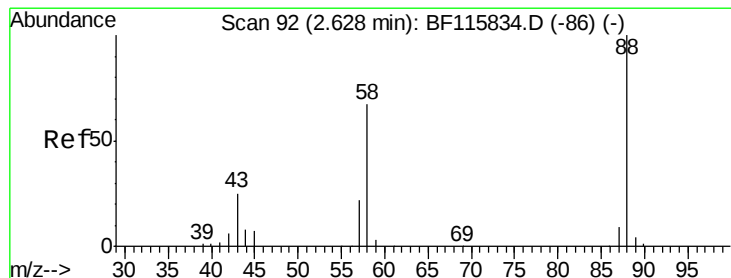
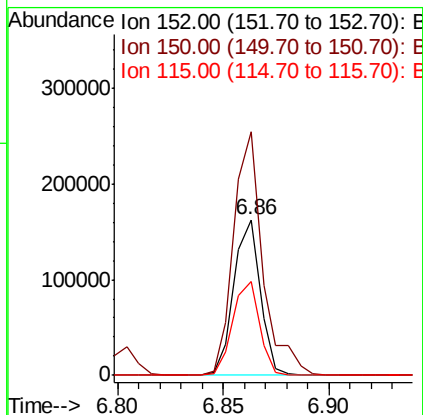
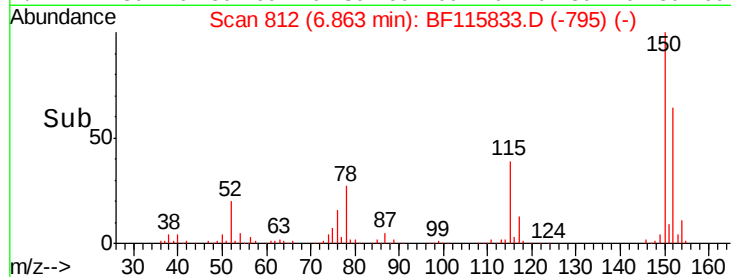
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.86 min Scan# 812
 Delta R.T. 0.00 min
 Lab File: BF115833.D
 Acq: 29 Jul 2019 11:05

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:152 Resp: 140590
 Ion Ratio Lower Upper
 152 100
 150 156.4 127.6 191.4
 115 60.5 47.7 71.5



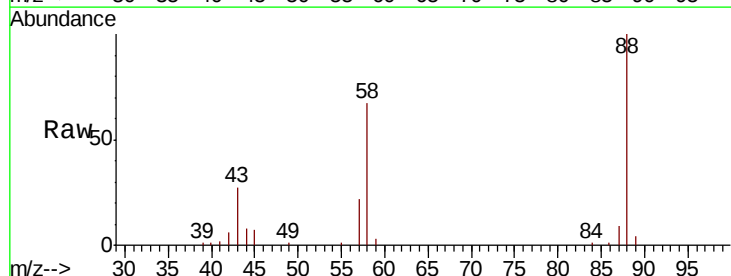
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



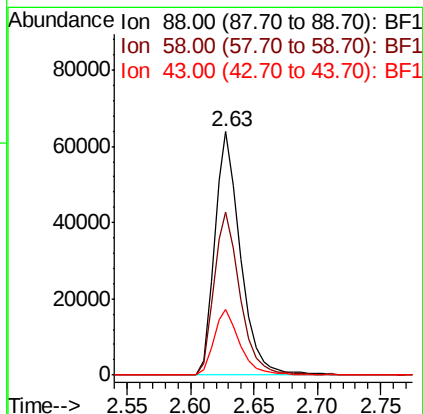
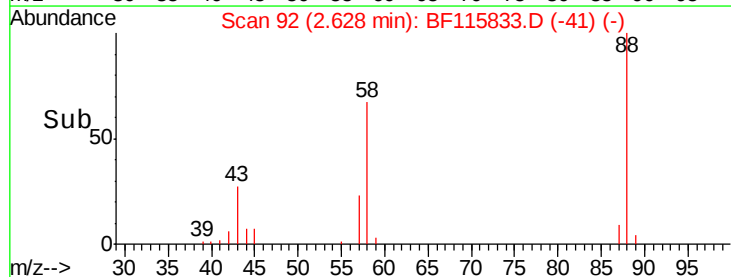
#2

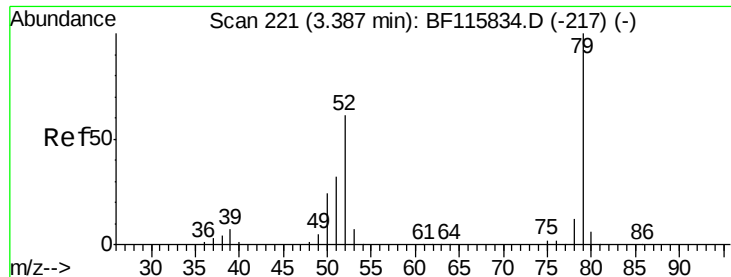
1,4-Dioxane
 Concen: 21.134 ng
 RT: 2.63 min Scan# 92
 Delta R.T. 0.00 min
 Lab File: BF115833.D
 Acq: 29 Jul 2019 11:05

Tgt Ion: 88 Resp: 90611
 Ion Ratio Lower Upper
 88 100
 58 67.5 54.4 81.6
 43 26.8 21.1 31.7



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: 20.270 ng

RT: 3.39 min Scan# 221

Delta R.T. 0.00 min

Lab File: BF115833.D

Acq: 29 Jul 2019 11:05

Instrument :

BNA_F

ClientSampled :

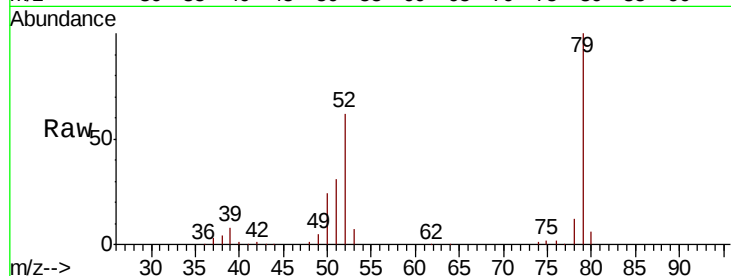
Tot Ion: 79 Resp: 235787

Ion Ratio Lower Upper

79 100

52 62.2 48.6 73.0

51 31.3 25.3 37.9



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

150000

100000

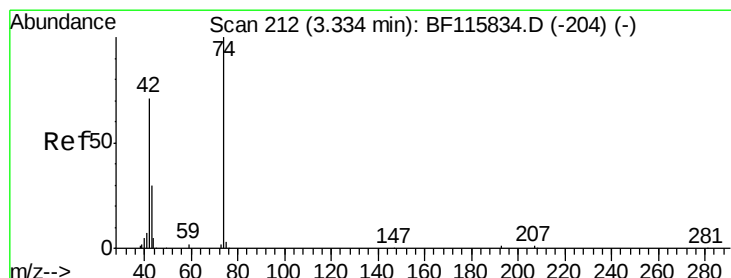
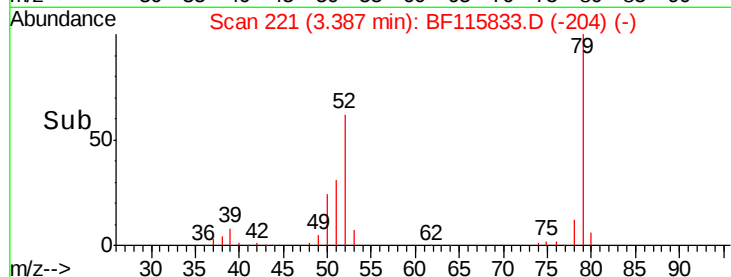
50000

0

3.39

3.30 3.40 3.50 3.60

Time-->



#4

n-Nitrosodimethylamine

Concen: 23.980 ng

RT: 3.32 min Scan# 210

Delta R.T. -0.01 min

Lab File: BF115833.D

Acq: 29 Jul 2019 11:05

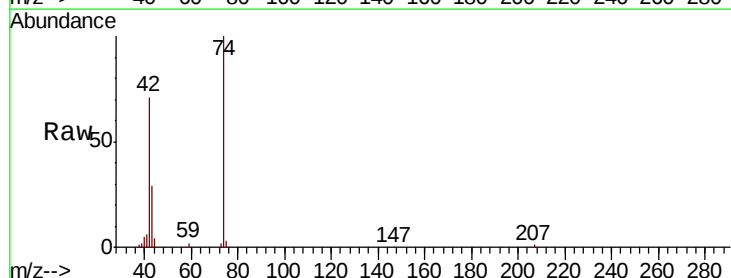
Tgt Ion: 42 Resp: 101190

Ion Ratio Lower Upper

42 100

74 141.4 113.0 169.6

44 6.0 5.4 8.0



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

100000

80000

60000

40000

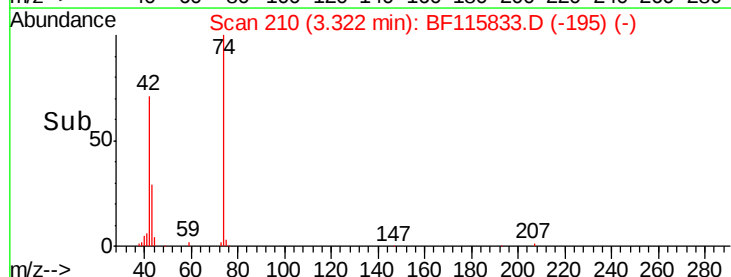
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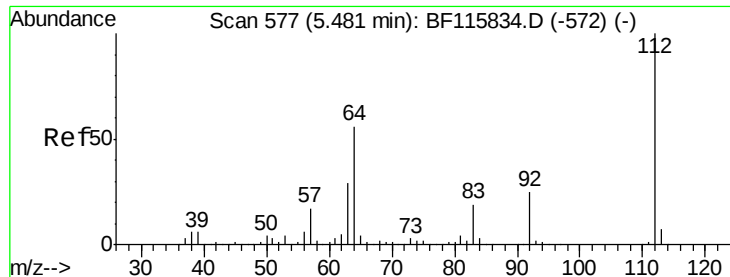
0

3.32

3.30 3.40 3.50

Time-->





#5

2-Fluorophenol

Concen: 44.578 ng

RT: 5.48 min Scan# 577

Delta R.T. 0.00 min

Lab File: BF115833.D

Acq: 29 Jul 2019 11:05

Instrument :

BNA_F

ClientSampled :

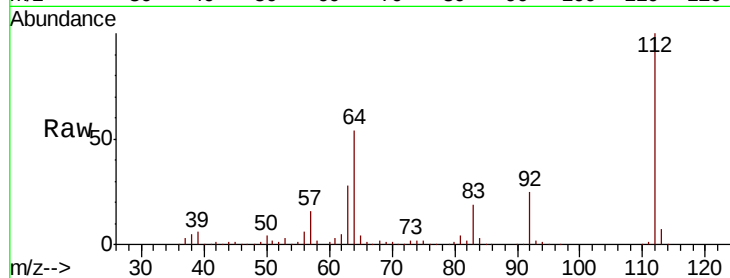
Tot Ion:112 Resp: 383149

Ion Ratio Lower Upper

112 100

64 54.0 44.9 67.3

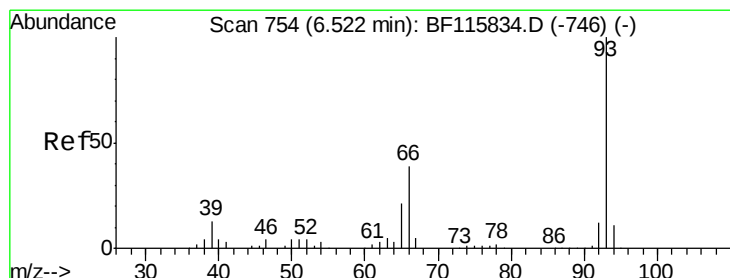
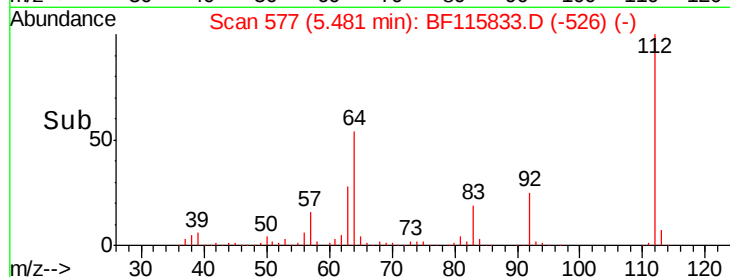
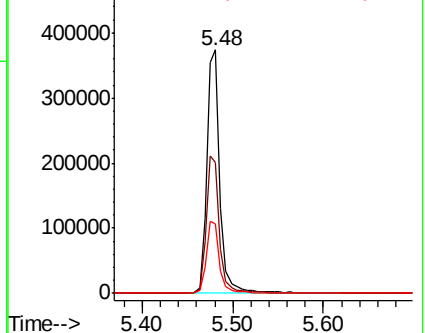
63 28.4 23.4 35.0



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 21.822 ng

RT: 6.52 min Scan# 754

Delta R.T. 0.00 min

Lab File: BF115833.D

Acq: 29 Jul 2019 11:05

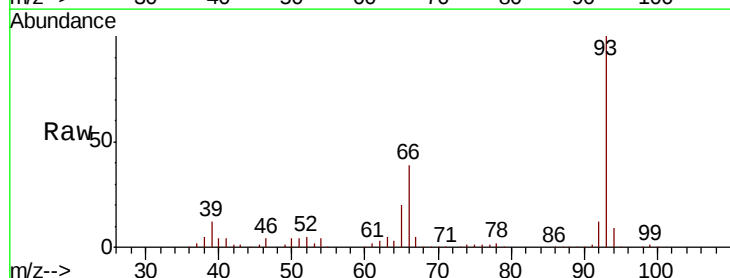
Tgt Ion: 93 Resp: 331198

Ion Ratio Lower Upper

93 100

66 38.7 31.9 47.9

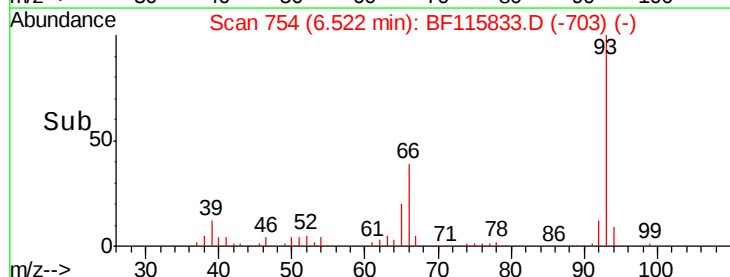
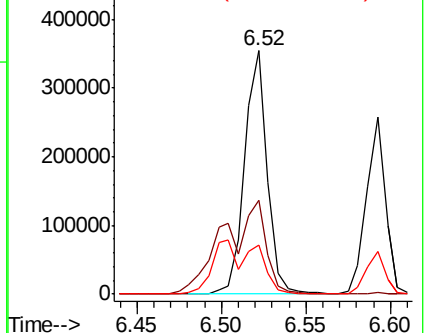
65 20.2 17.0 25.6

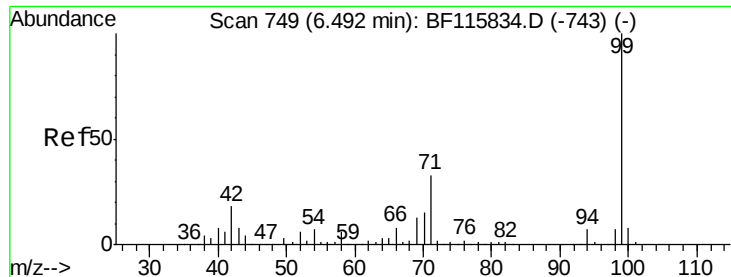


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 45.536 ng

RT: 6.49 min Scan# 748

Delta R.T. -0.01 min

Lab File: BF115833.D

Acq: 29 Jul 2019 11:05

Instrument :

BNA_F

ClientSampleId :

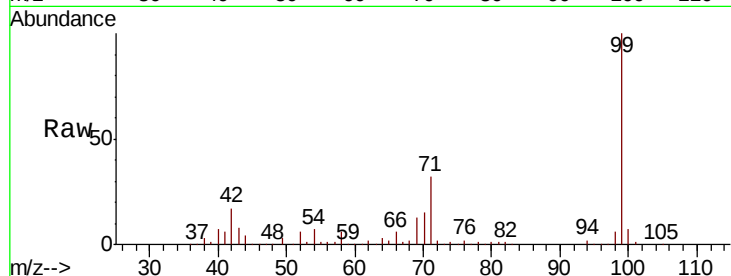
Tot Ion: 99 Resp: 496620

Ion Ratio Lower Upper

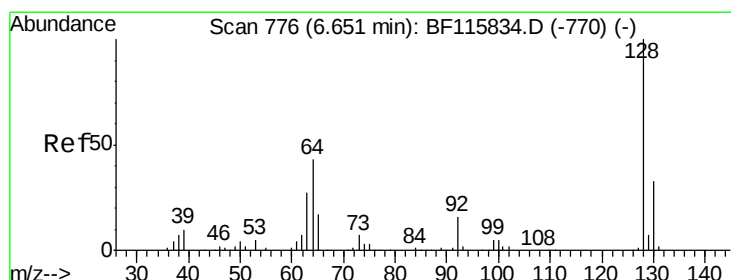
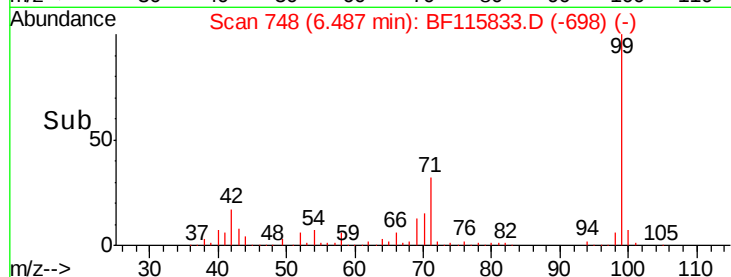
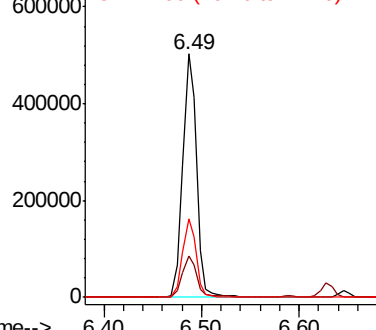
99 100

42 17.1 14.1 21.1

71 32.2 26.4 39.6



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: 21.648 ng

RT: 6.65 min Scan# 775

Delta R.T. -0.01 min

Lab File: BF115833.D

Acq: 29 Jul 2019 11:05

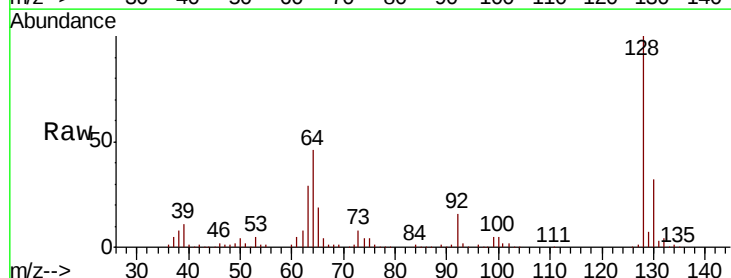
Tgt Ion: 128 Resp: 213926

Ion Ratio Lower Upper

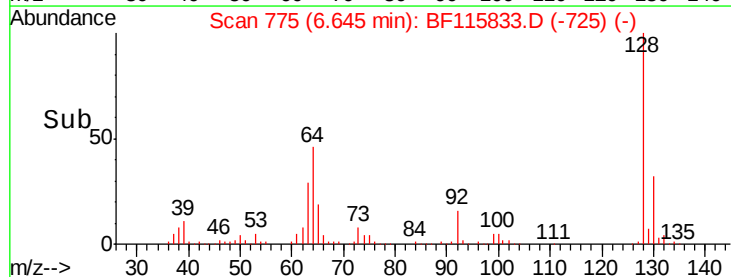
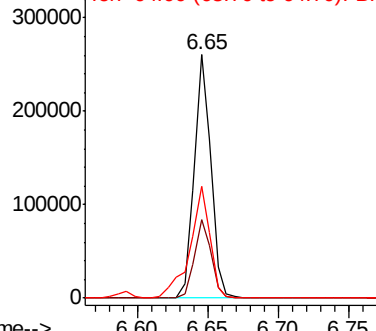
128 100

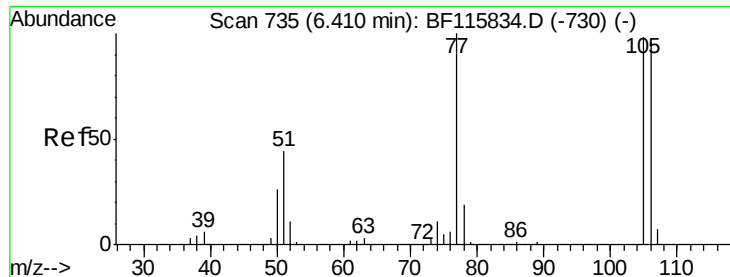
130 32.4 13.4 53.4

64 46.0 23.6 63.6



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

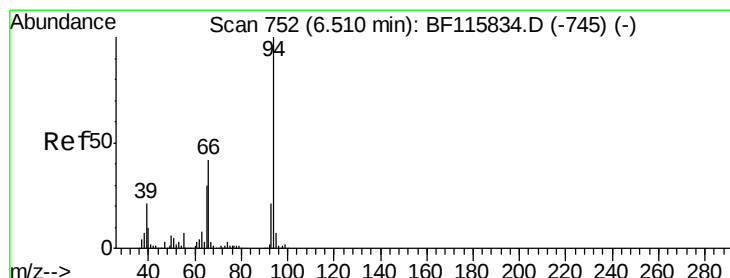
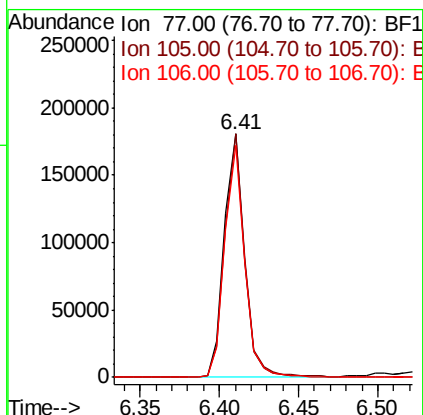
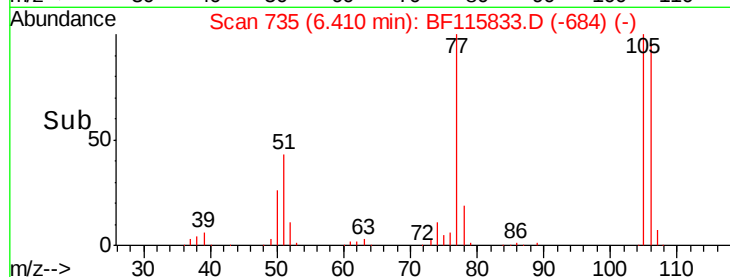
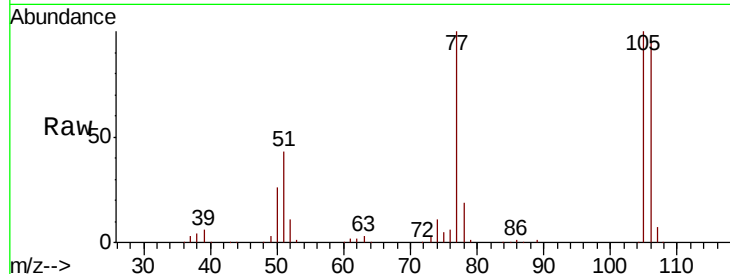




#9
Benzaldehyde
Concen: 23.500 ng
RT: 6.41 min Scan# 735
Delta R.T. 0.00 min
Lab File: BF115833.D
Acq: 29 Jul 2019 11:05

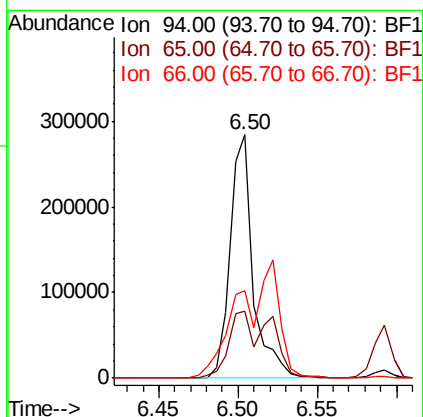
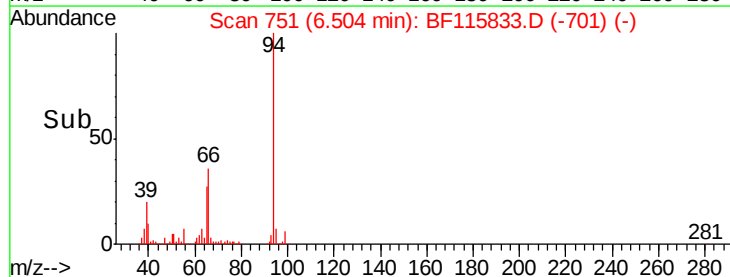
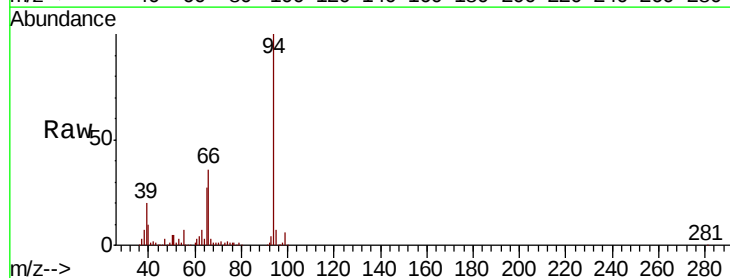
Instrument :
BNA_F
ClientSampled :

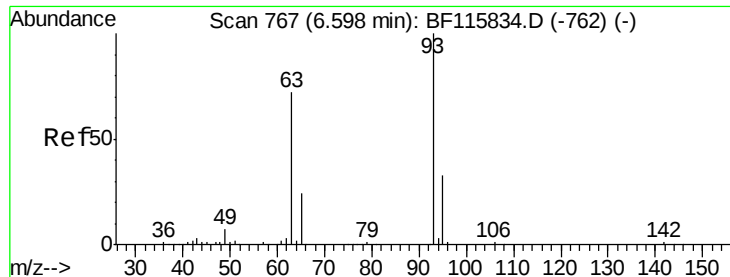
Tot Ion	Ratio	Lower	Upper
77	100		
105	99.9	77.8	117.8
106	95.5	76.1	116.1



#10
Phenol
Concen: 22.659 ng
RT: 6.50 min Scan# 751
Delta R.T. -0.01 min
Lab File: BF115833.D
Acq: 29 Jul 2019 11:05

Tgt Ion	Ratio	Lower	Upper
94	100		
65	27.5	9.7	49.7
66	36.0	21.5	61.5





#11

bis(2-Chloroethyl)ether

Concen: 20.780 ng

RT: 6.59 min Scan# 766

Delta R.T. -0.01 min

Lab File: BF115833.D

Acq: 29 Jul 2019 11:05

Instrument :

BNA_F

ClientSampleId :

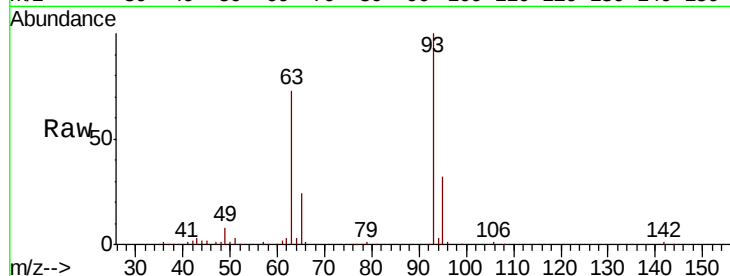
Tot Ion: 93 Resp: 200298

Ion Ratio Lower Upper

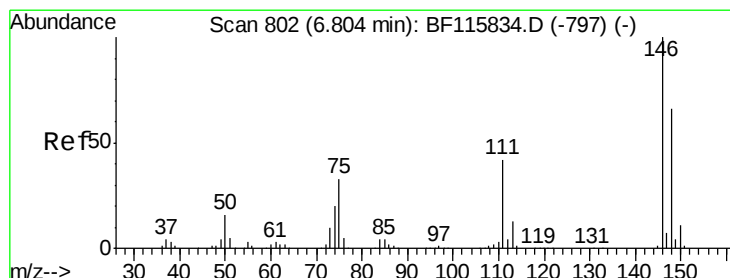
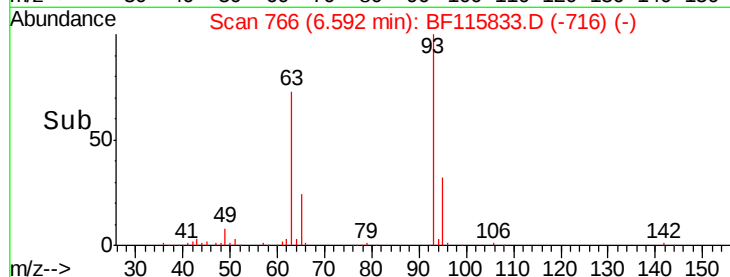
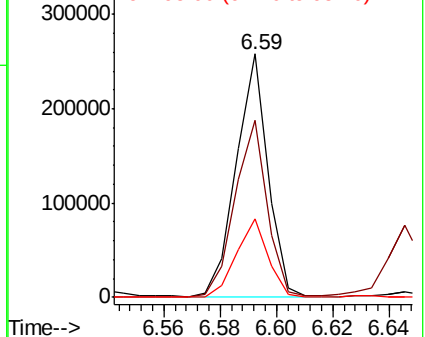
93 100

63 72.8 51.9 91.9

95 32.2 12.7 52.7



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: 21.560 ng

RT: 6.80 min Scan# 802

Delta R.T. 0.00 min

Lab File: BF115833.D

Acq: 29 Jul 2019 11:05

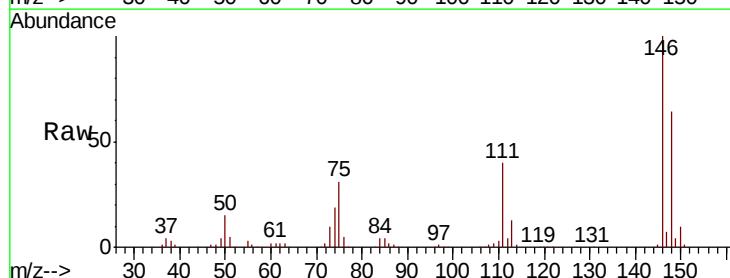
Tgt Ion: 146 Resp: 239543

Ion Ratio Lower Upper

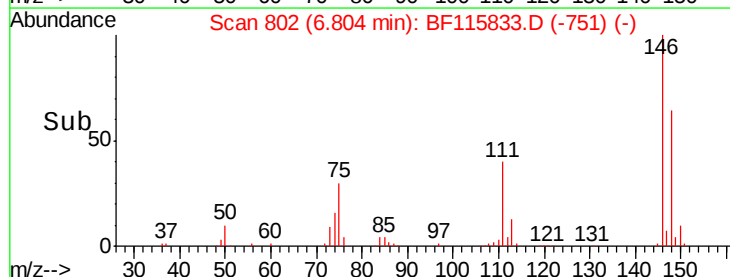
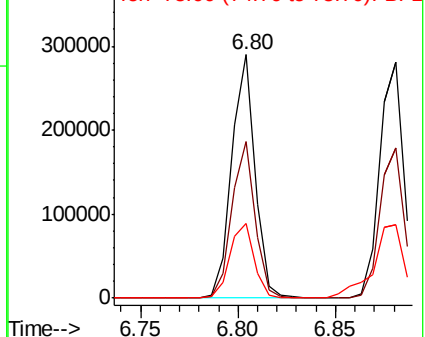
146 100

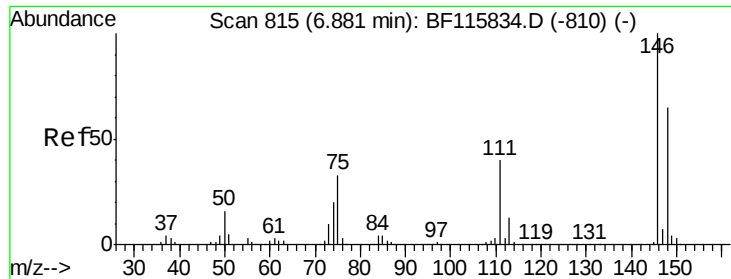
148 64.3 52.5 78.7

75 30.8 26.5 39.7



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

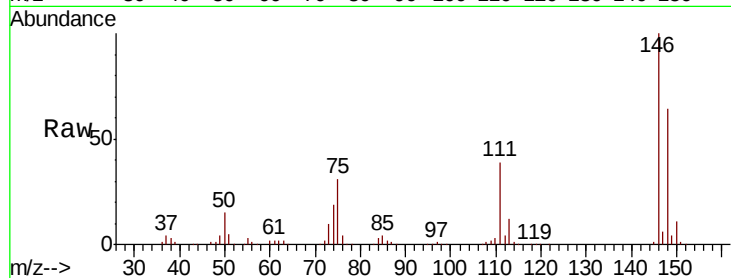




#13
 1,4-Dichlorobenzene
 Concen: 21.908 ng
 RT: 6.88 min Scan# 815
 Delta R.T. 0.00 min
 Lab File: BF115833.D
 Acq: 29 Jul 2019 11:05

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.8	51.6	77.4
111	39.2	31.9	47.9

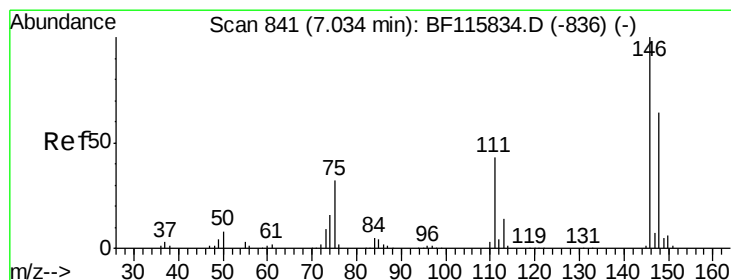
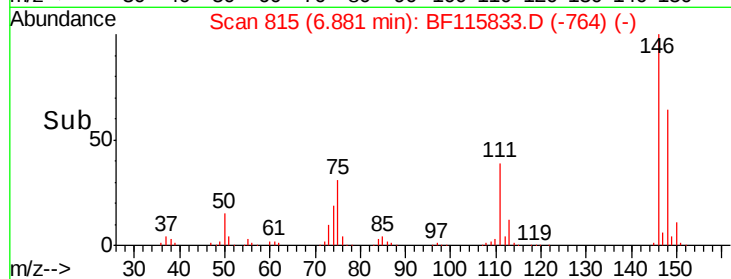
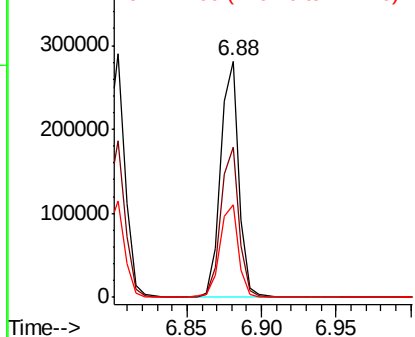


Abundance

Ion 146.00 (145.70 to 146.70): E

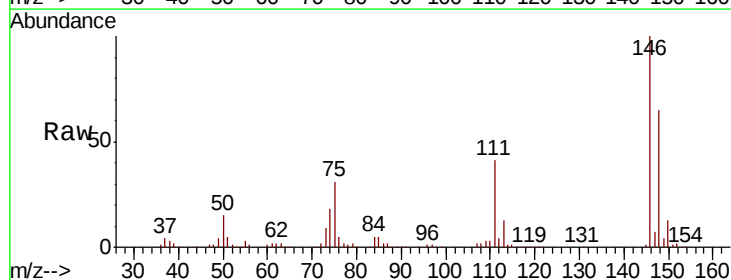
Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14
 1,2-Dichlorobenzene
 Concen: 22.448 ng
 RT: 7.03 min Scan# 841
 Delta R.T. 0.00 min
 Lab File: BF115833.D
 Acq: 29 Jul 2019 11:05

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.6	50.9	76.3
111	41.4	34.4	51.6

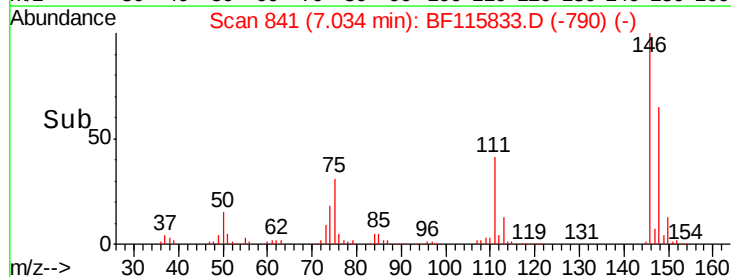
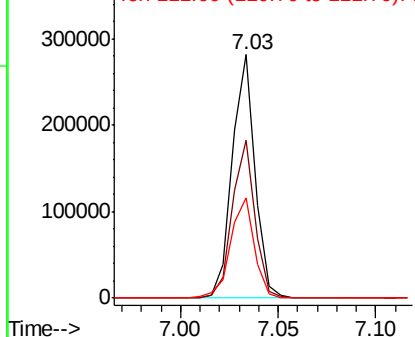


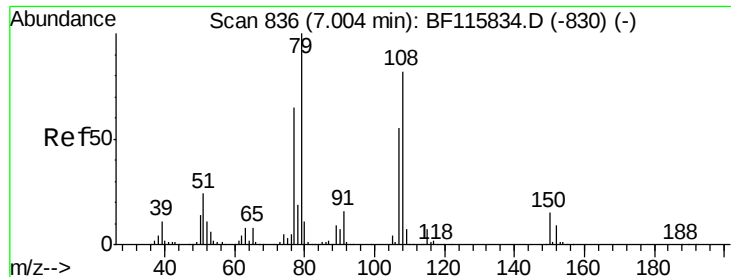
Abundance

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: 21.502 ng

RT: 7.00 min Scan# 835

Delta R.T. -0.01 min

Lab File: BF115833.D

Acq: 29 Jul 2019 11:05

Instrument :

BNA_F

ClientSampled :

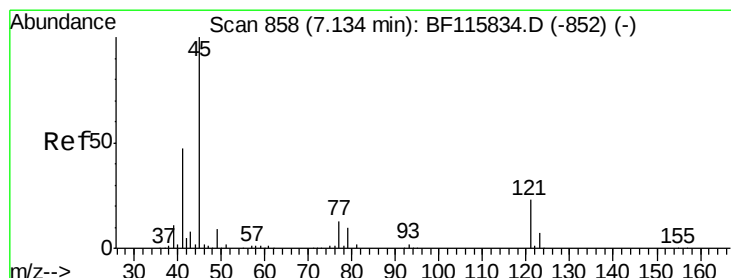
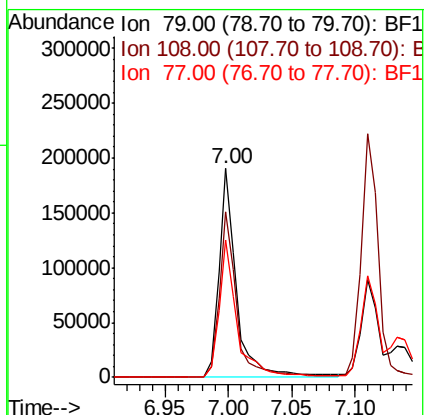
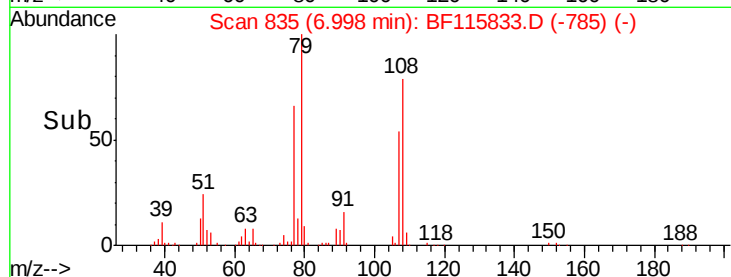
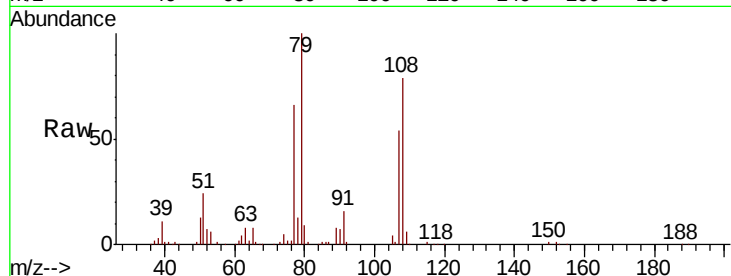
Tot Ion: 79 Resp: 186027

Ion Ratio Lower Upper

79 100

108 79.3 65.4 98.2

77 65.5 52.2 78.2



#16

2,2'-oxybis(1-chloropropane)

Concen: 21.501 ng

RT: 7.13 min Scan# 858

Delta R.T. 0.00 min

Lab File: BF115833.D

Acq: 29 Jul 2019 11:05

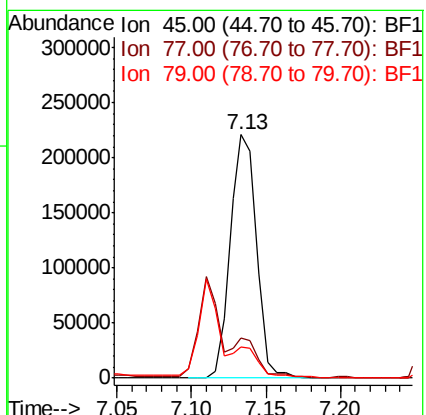
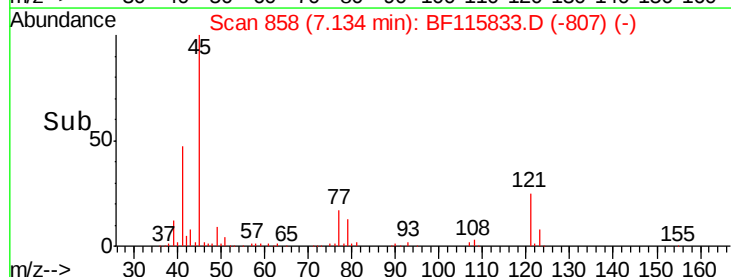
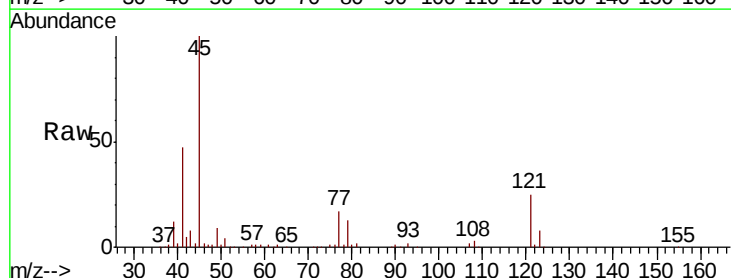
Tgt Ion: 45 Resp: 272850

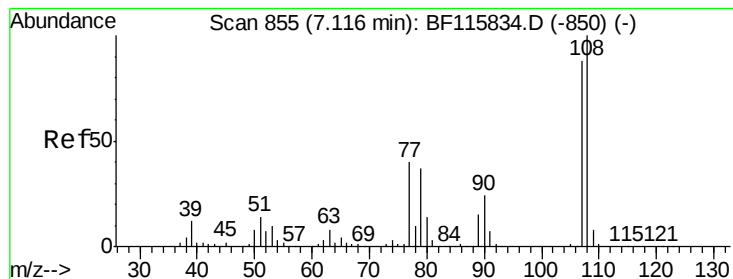
Ion Ratio Lower Upper

45 100

77 16.6 0.0 36.5

79 12.7 0.0 32.7





#17

2-Methylphenol

Concen: 20.720 ng

RT: 7.11 min Scan# 854

Delta R.T. -0.01 min

Lab File: BF115833.D

Acq: 29 Jul 2019 11:05

Instrument :

BNA_F

ClientSampleId :

Tot Ion:107 Resp: 176451

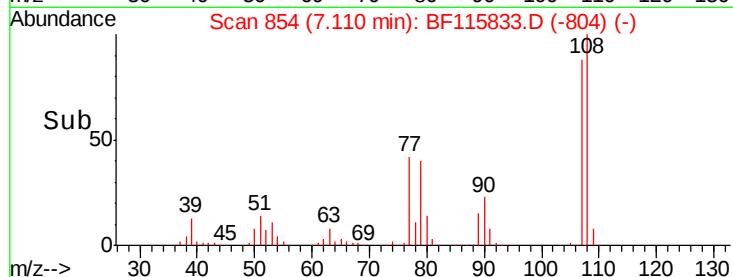
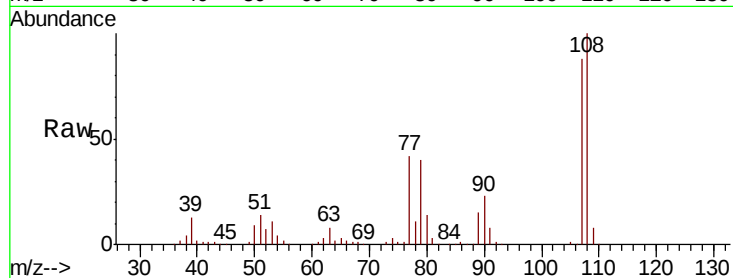
Ion Ratio Lower Upper

107 100

108 113.7 91.4 137.2

77 47.3 36.6 54.8

79 45.8 34.7 52.1

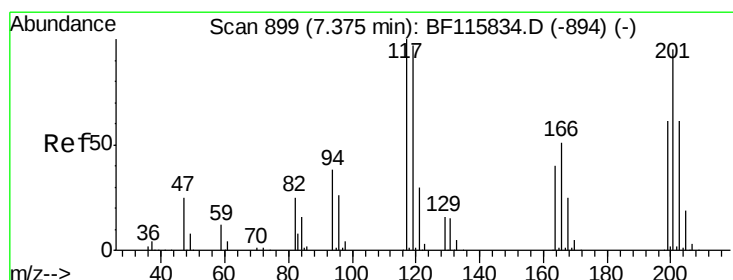
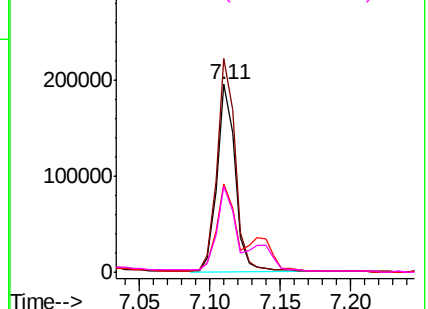


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18

Hexachloroethane

Concen: 20.813 ng

RT: 7.37 min Scan# 899

Delta R.T. 0.00 min

Lab File: BF115833.D

Acq: 29 Jul 2019 11:05

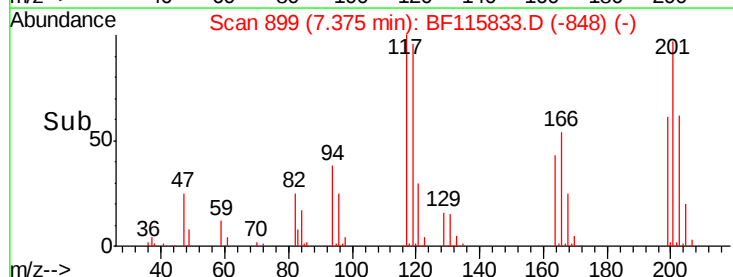
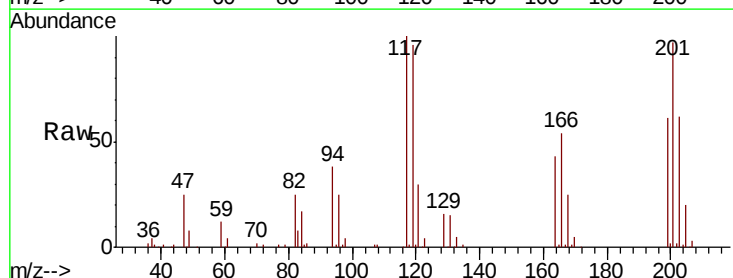
Tgt Ion:117 Resp: 85636

Ion Ratio Lower Upper

117 100

119 96.3 77.5 116.3

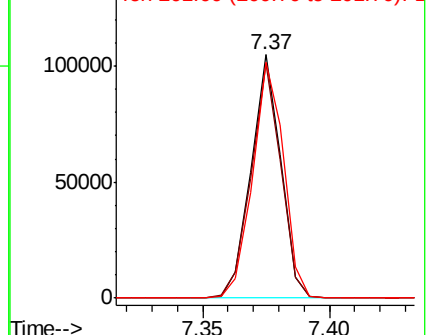
201 96.9 75.9 113.9

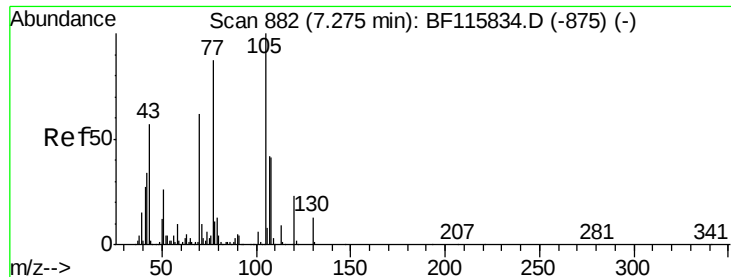


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

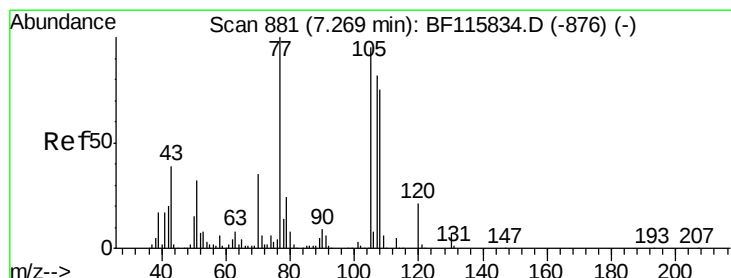
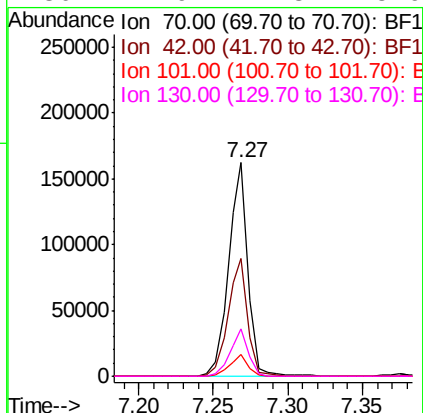
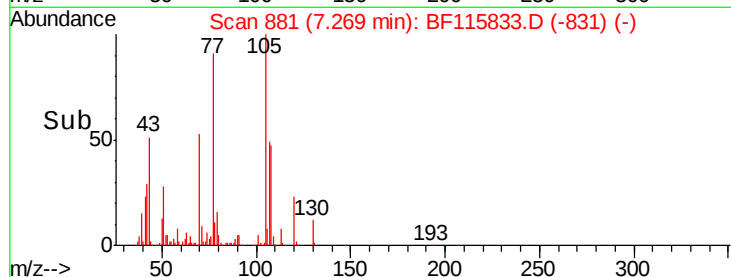
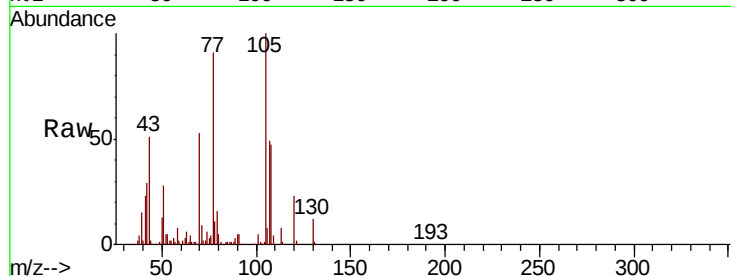




#19
n-Nitroso-di-n-propylamine
Concen: 20.864 ng
RT: 7.27 min Scan# 881
Delta R.T. -0.01 min
Lab File: BF115833.D
Acq: 29 Jul 2019 11:05

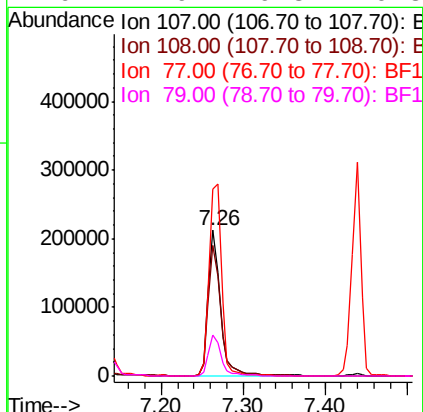
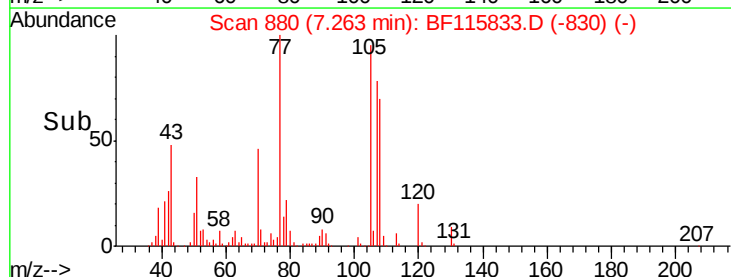
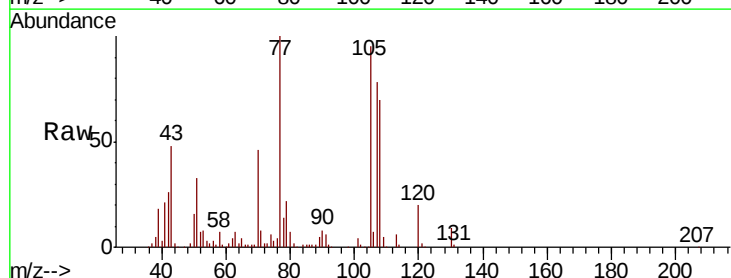
Instrument :
BNA_F
ClientSampled :

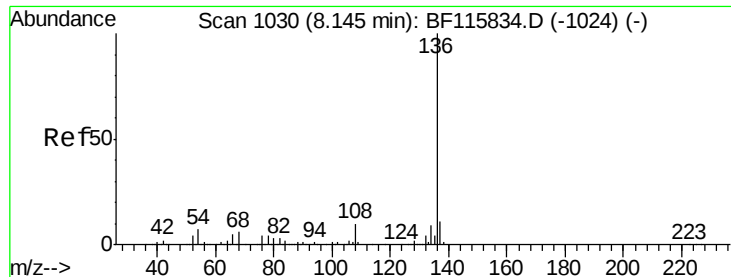
Tot Ion: 70 Resp: 148401
Ion Ratio Lower Upper
70 100
42 55.0 43.4 65.0
101 10.1 7.9 11.9
130 21.9 17.3 25.9



#20
3+4-Methylphenols
Concen: 21.805 ng
RT: 7.26 min Scan# 880
Delta R.T. -0.01 min
Lab File: BF115833.D
Acq: 29 Jul 2019 11:05

Tgt Ion:107 Resp: 220567
Ion Ratio Lower Upper
107 100
108 89.2 71.2 111.2
77 128.0 102.2 142.2
79 27.9 9.3 49.3





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.15 min Scan# 1030

Delta R.T. 0.00 min

Lab File: BF115833.D

Acq: 29 Jul 2019 11:05

Instrument :

BNA_F

ClientSampled :

Tot Ion:136 Resp: 575984

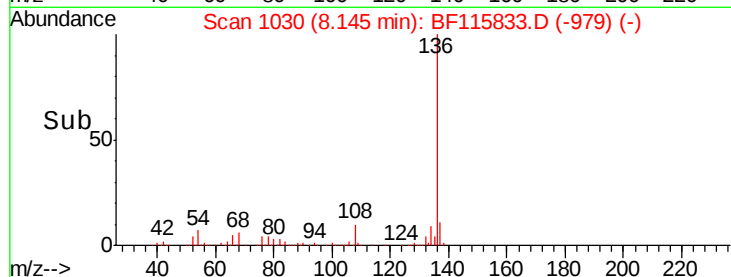
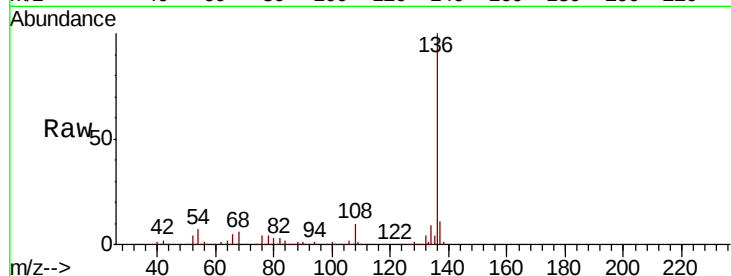
Ion Ratio Lower Upper

136 100

137 11.1 9.0 13.4

54 6.8 5.4 8.2

68 6.1 4.6 7.0

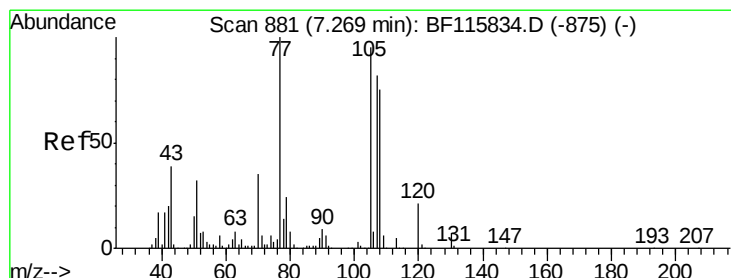
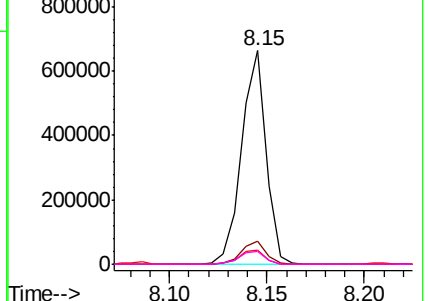


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 22.438 ng

RT: 7.27 min Scan# 881

Delta R.T. 0.00 min

Lab File: BF115833.D

Acq: 29 Jul 2019 11:05

Tgt Ion:105 Resp: 291970

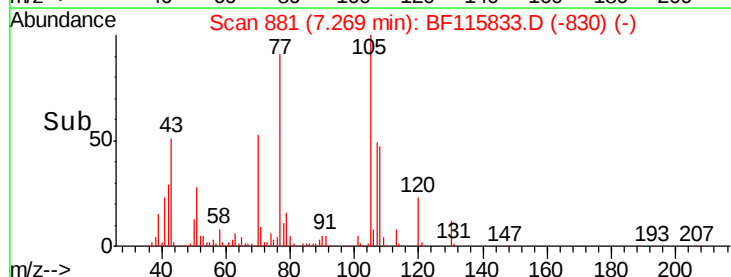
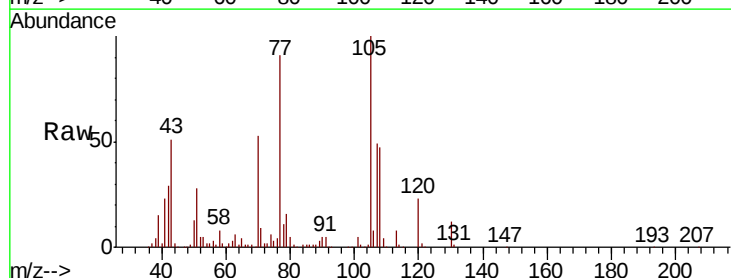
Ion Ratio Lower Upper

105 100

71 8.8 5.0 7.6#

51 28.4 27.0 40.6

120 22.8 17.4 26.2

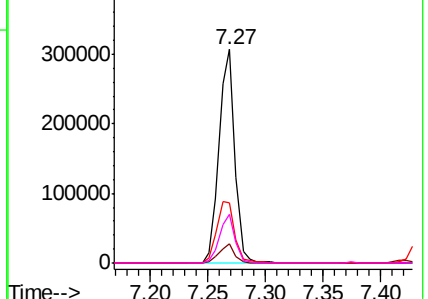


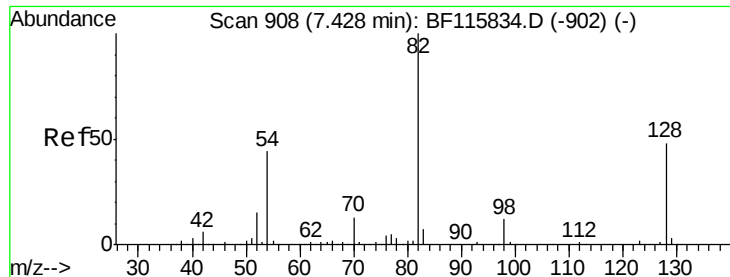
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

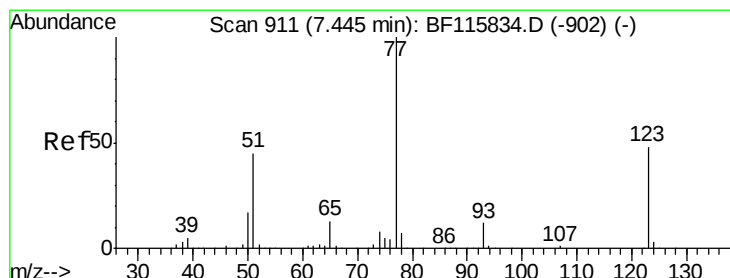
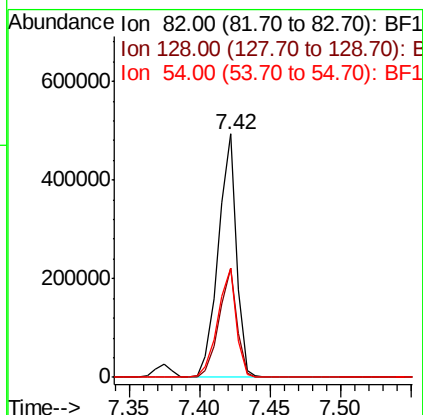
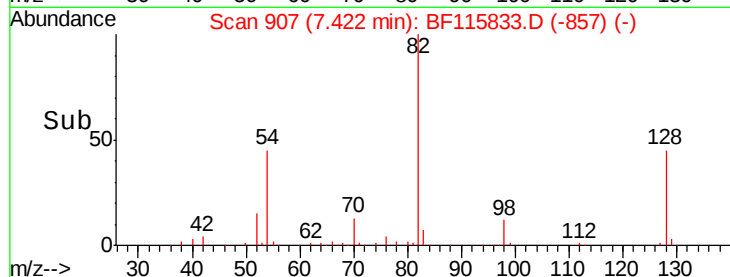
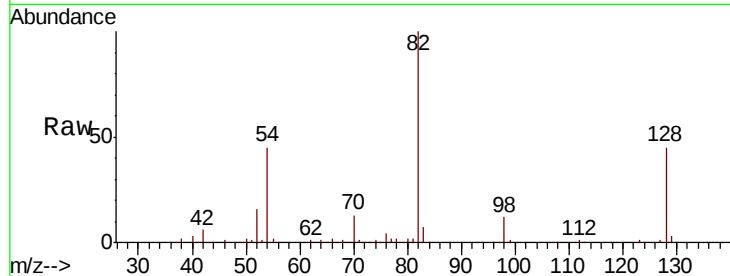




#23
Nitrobenzene-d5
Concen: 44.698 ng
RT: 7.42 min Scan# 907
Delta R.T. -0.01 min
Lab File: BF115833.D
Acq: 29 Jul 2019 11:05

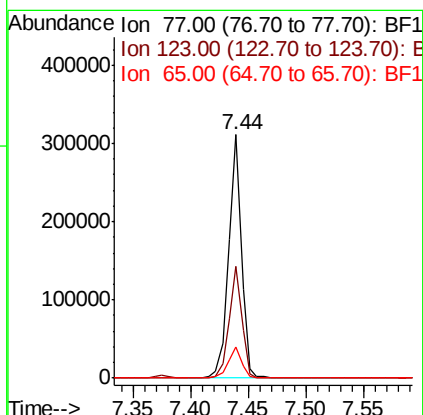
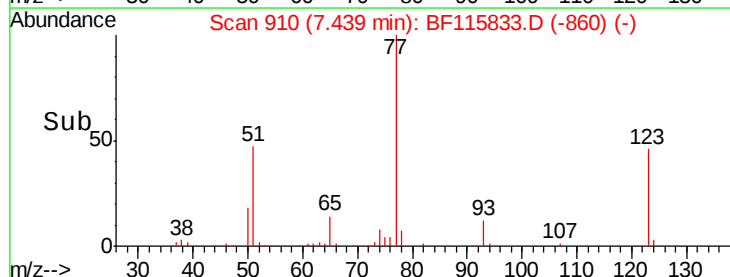
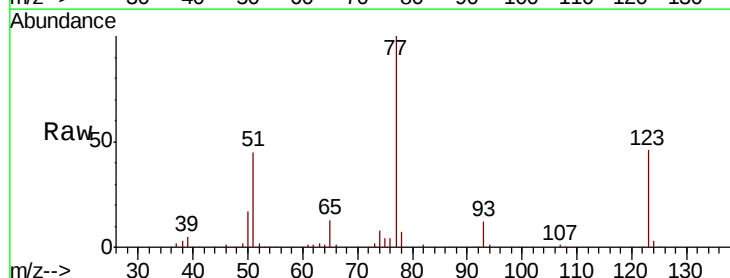
Instrument :
BNA_F
ClientSampleId :

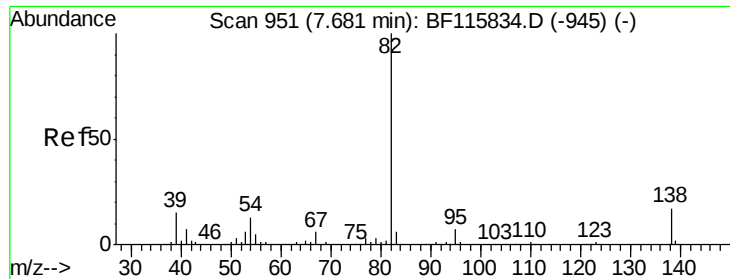
Tot Ion: 82 Resp: 442764
Ion Ratio Lower Upper
82 100
128 44.8 38.0 57.0
54 44.7 35.4 53.0



#24
Nitrobenzene
Concen: 22.330 ng
RT: 7.44 min Scan# 910
Delta R.T. -0.01 min
Lab File: BF115833.D
Acq: 29 Jul 2019 11:05

Tgt Ion: 77 Resp: 238577
Ion Ratio Lower Upper
77 100
123 46.1 38.2 57.2
65 13.0 10.7 16.1





#25

Isophorone

Concen: 20.660 ng

RT: 7.68 min Scan# 951

Delta R.T. 0.00 min

Lab File: BF115833.D

Acq: 29 Jul 2019 11:05

Instrument :

BNA_F

ClientSampleId :

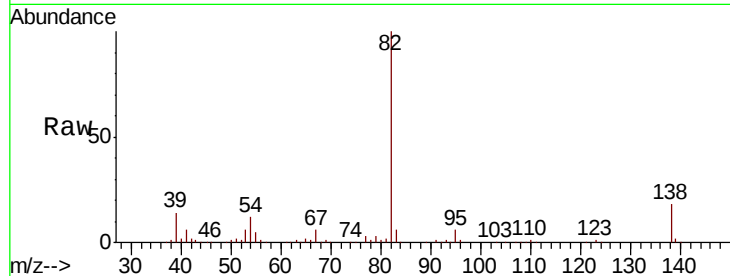
Tot Ion: 82 Resp: 409516

Ion Ratio Lower Upper

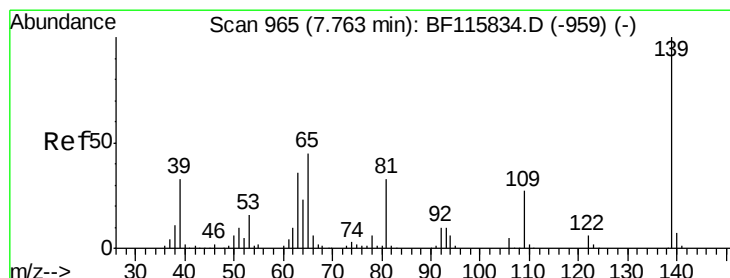
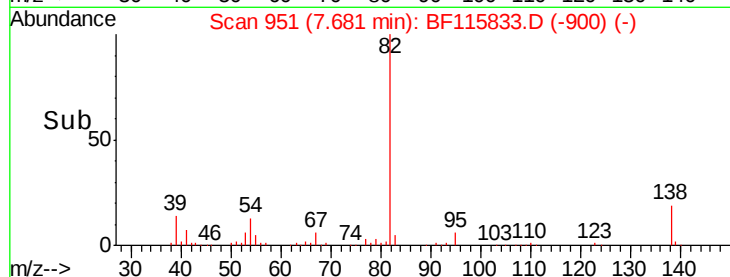
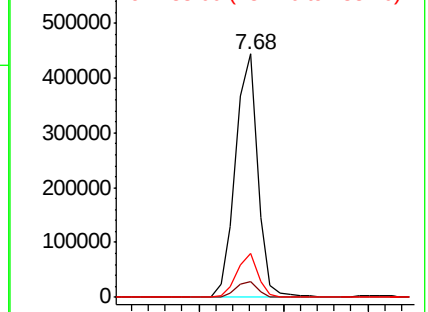
82 100

95 6.4 5.4 8.0

138 18.0 13.8 20.6



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: 19.988 ng

RT: 7.76 min Scan# 964

Delta R.T. -0.01 min

Lab File: BF115833.D

Acq: 29 Jul 2019 11:05

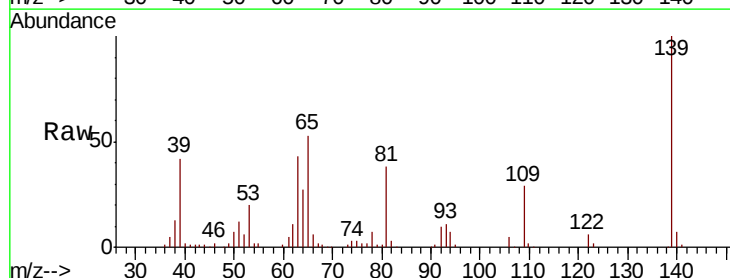
Tgt Ion: 139 Resp: 109923

Ion Ratio Lower Upper

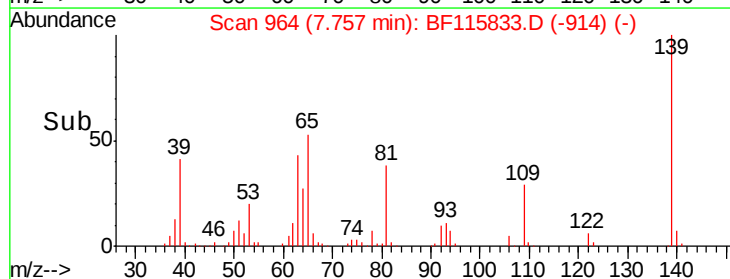
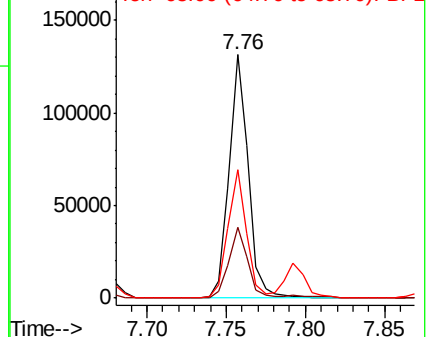
139 100

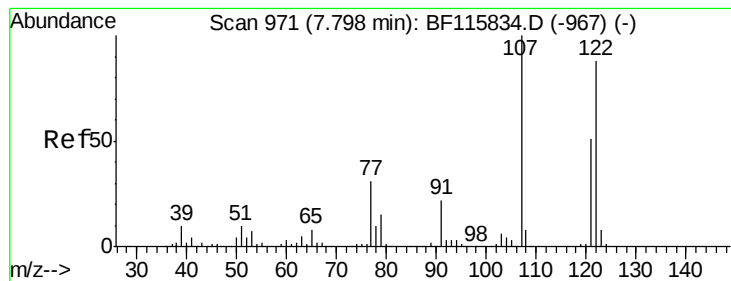
109 29.2 22.0 33.0

65 52.8 35.7 53.5



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





#27

2,4-Dimethylphenol

Concen: 20.075 ng

RT: 7.79 min Scan# 970

Delta R.T. -0.01 min

Lab File: BF115833.D

Acq: 29 Jul 2019 11:05

Instrument :

BNA_F

ClientSampleId :

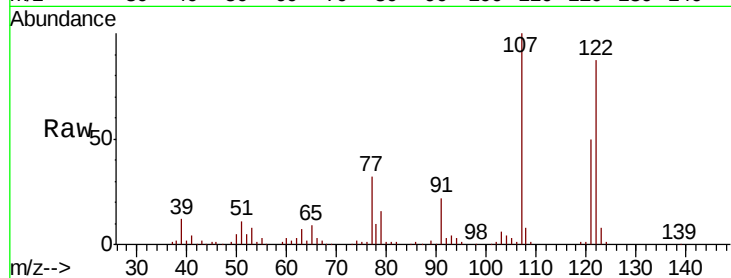
Tot Ion:122 Resp: 165179

Ion Ratio Lower Upper

122 100

107 114.7 90.6 135.8

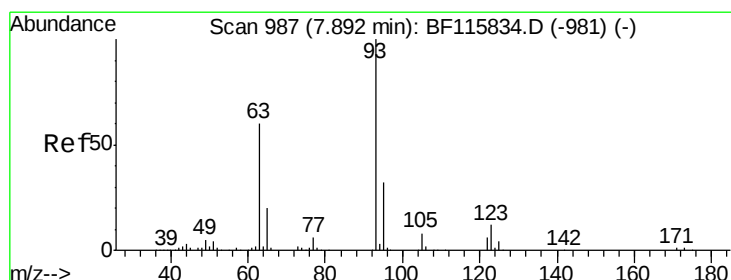
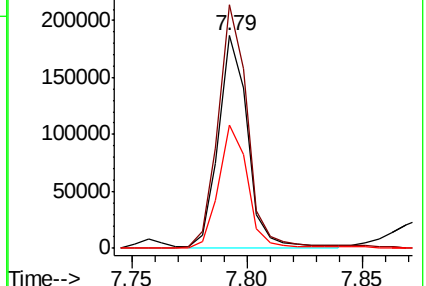
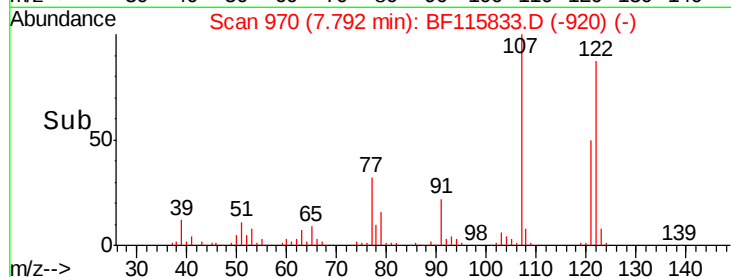
121 57.9 46.2 69.4



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: 20.853 ng

RT: 7.89 min Scan# 986

Delta R.T. -0.01 min

Lab File: BF115833.D

Acq: 29 Jul 2019 11:05

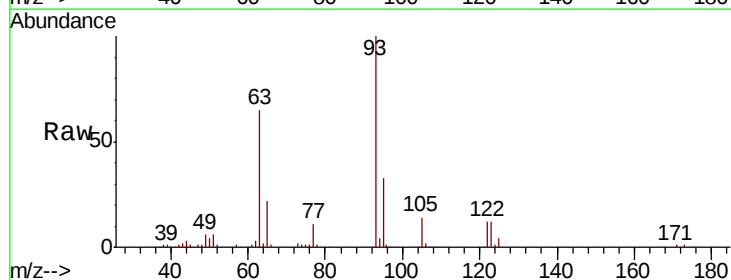
Tgt Ion: 93 Resp: 253579

Ion Ratio Lower Upper

93 100

95 32.7 25.9 38.9

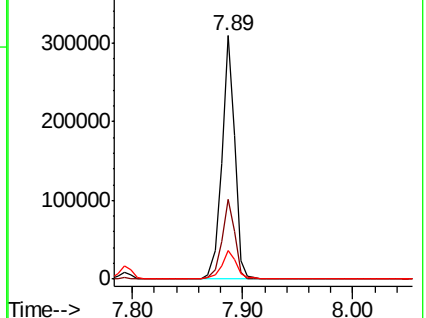
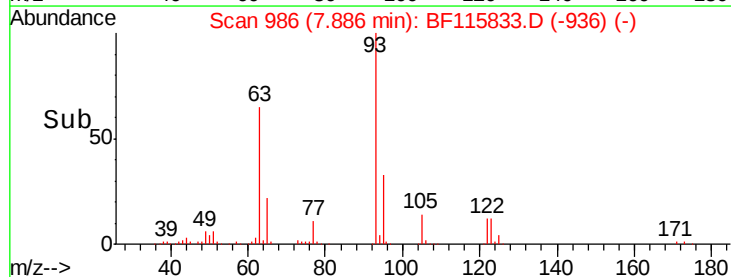
123 11.9 10.0 15.0

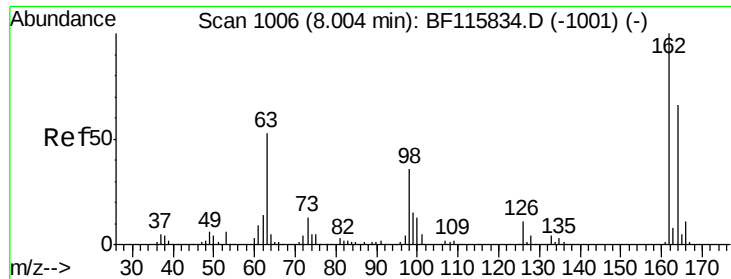


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

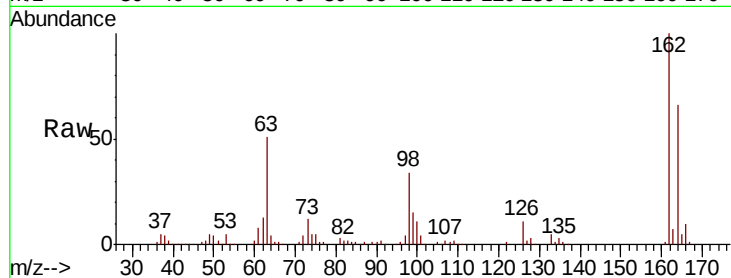




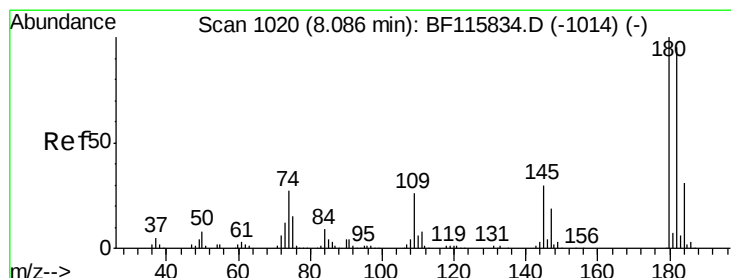
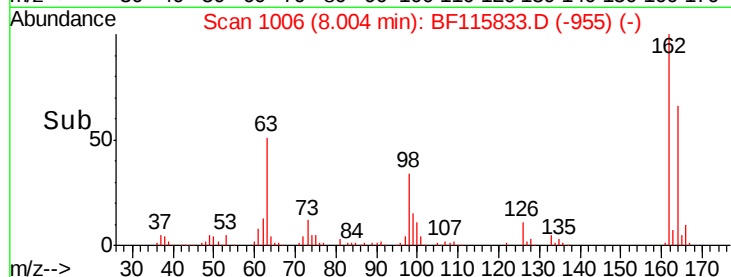
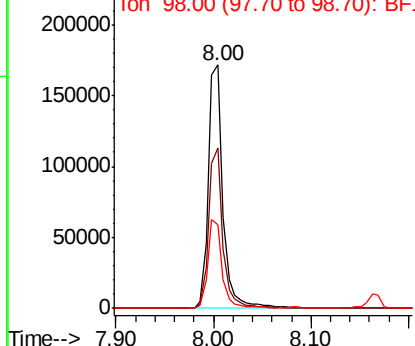
#29
 2,4-Dichlorophenol
 Concen: 20.902 ng
 RT: 8.00 min Scan# 1006
 Delta R.T. 0.00 min
 Lab File: BF115833.D
 Acq: 29 Jul 2019 11:05

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
162	100		
164	66.0	46.0	86.0
98	34.5	16.1	56.1

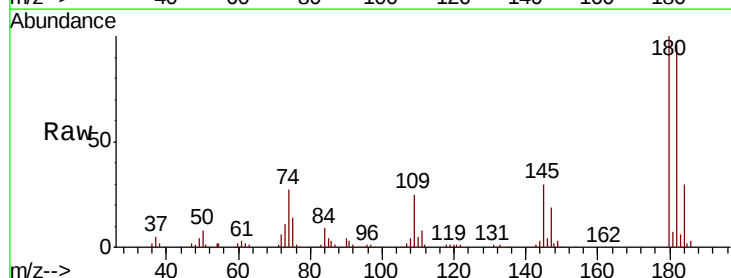


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

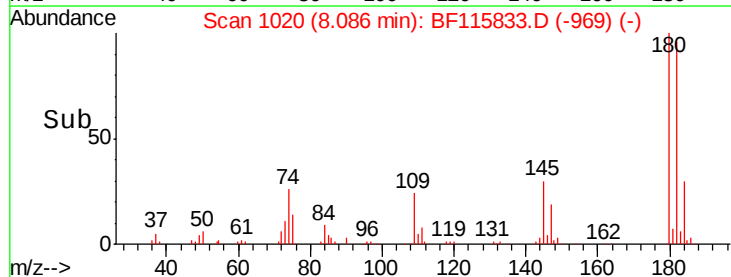
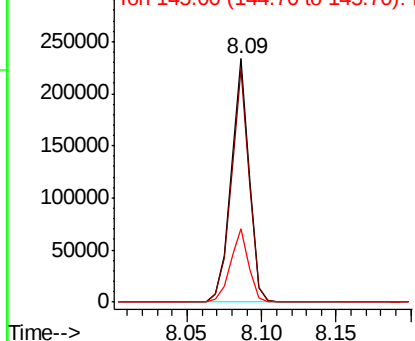


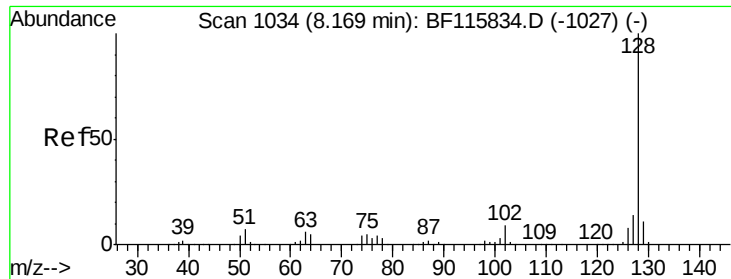
#30
 1,2,4-Trichlorobenzene
 Concen: 20.688 ng
 RT: 8.09 min Scan# 1020
 Delta R.T. 0.00 min
 Lab File: BF115833.D
 Acq: 29 Jul 2019 11:05

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.9	76.2	114.4
145	30.2	24.2	36.2



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

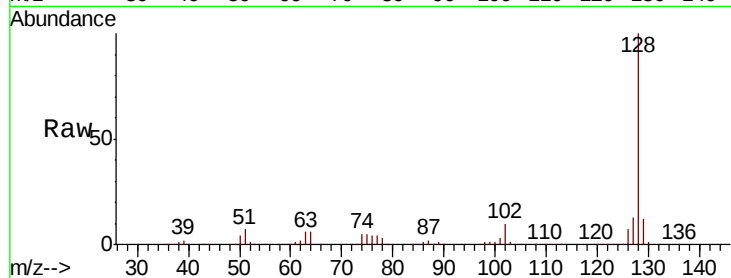




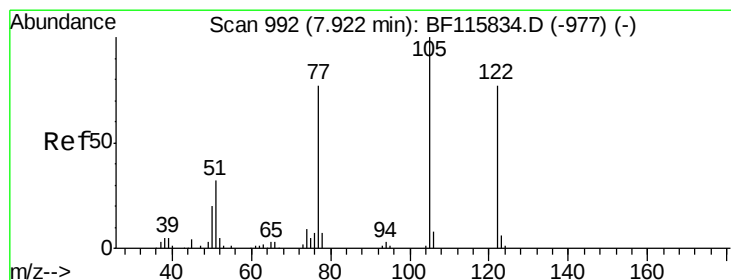
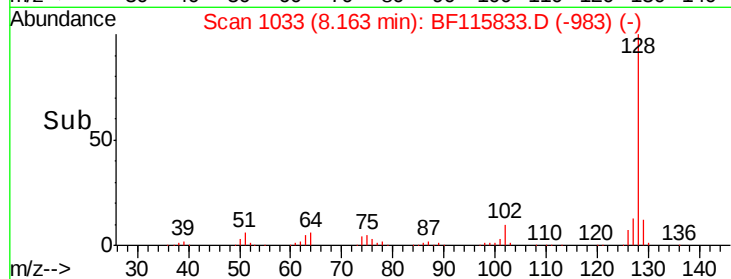
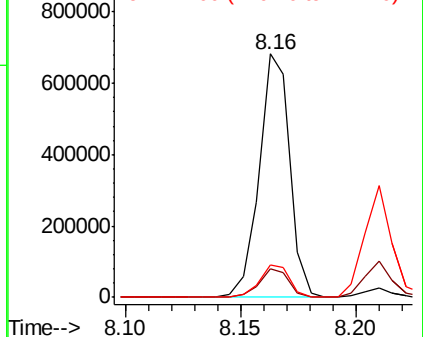
#31
Naphthalene
Concen: 22.543 ng
RT: 8.16 min Scan# 1033
Delta R.T. -0.01 min
Lab File: BF115833.D
Acq: 29 Jul 2019 11:05

Instrument :
BNA_F
ClientSampleId :

Tot Ion:128 Resp: 628845
Ion Ratio Lower Upper
128 100
129 11.6 9.2 13.8
127 13.2 11.0 16.6

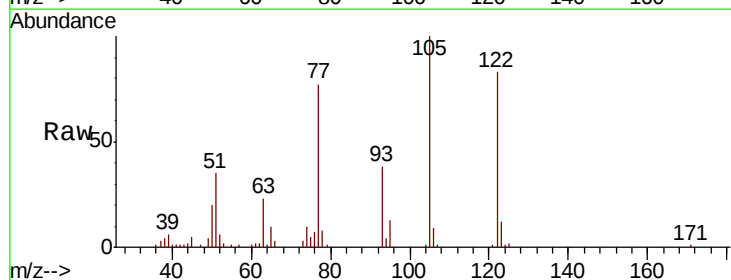


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

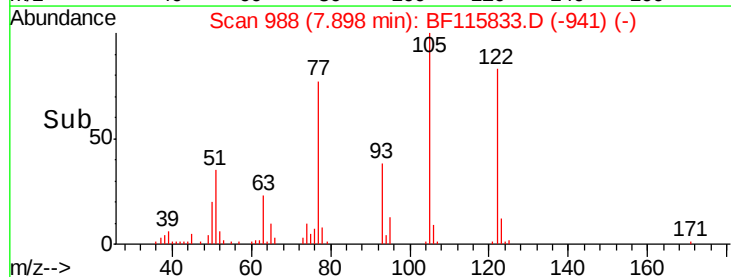
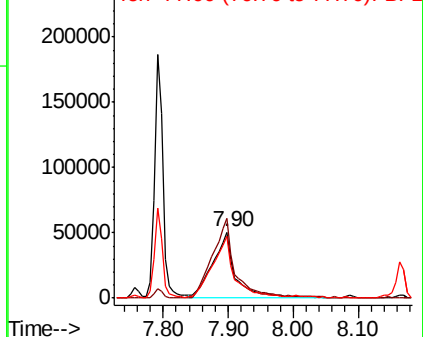


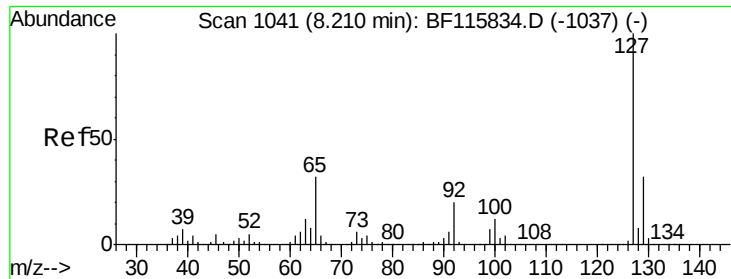
#32
Benzoic acid
Concen: 17.919 ng
RT: 7.90 min Scan# 988
Delta R.T. -0.02 min
Lab File: BF115833.D
Acq: 29 Jul 2019 11:05

Tgt Ion:122 Resp: 120999
Ion Ratio Lower Upper
122 100
105 120.1 103.8 143.8
77 92.9 76.8 116.8



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

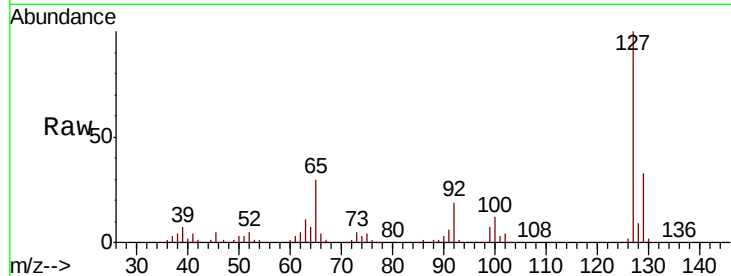




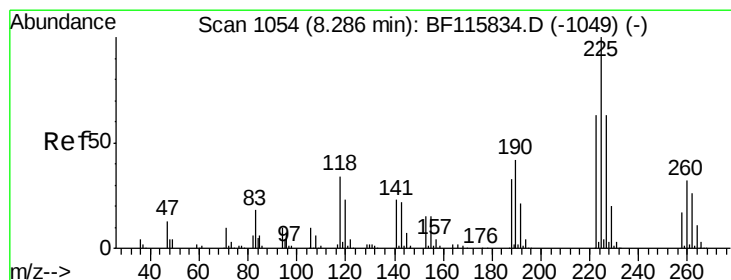
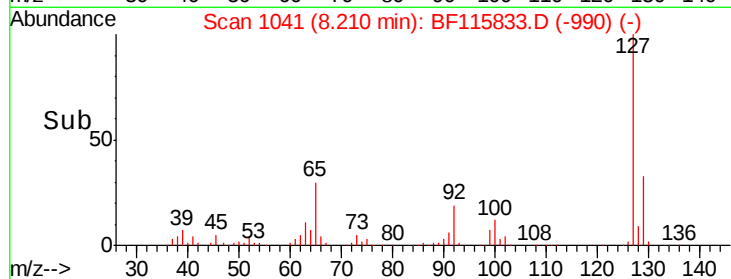
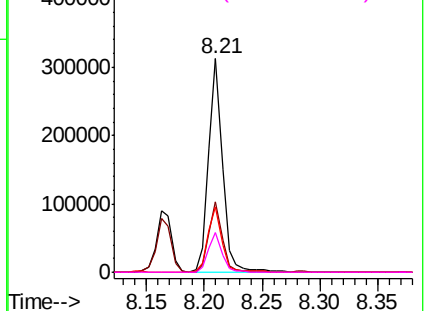
#33
4-Chloroaniline
Concen: 21.465 ng
RT: 8.21 min Scan# 1041
Delta R.T. 0.00 min
Lab File: BF115833.D
Acq: 29 Jul 2019 11:05

Instrument :
BNA_F
ClientSampled :

Tot Ion:	127	Resp:	265217
Ion	Ratio	Lower	Upper
127	100		
129	32.7	25.8	38.6
65	30.4	25.4	38.0
92	18.7	15.6	23.4

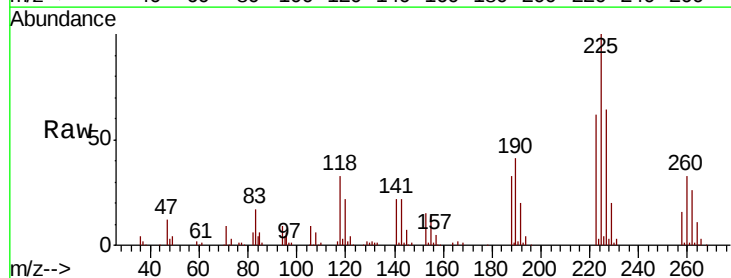


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

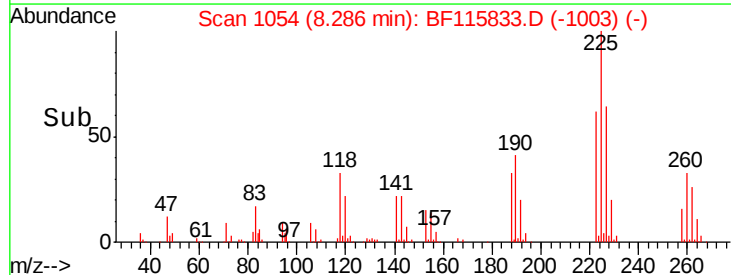
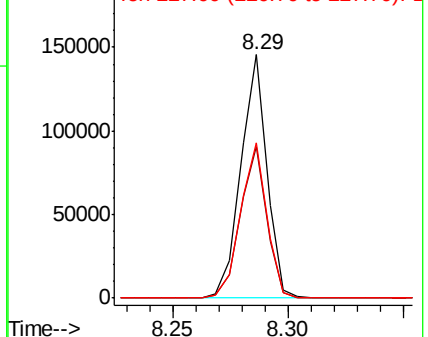


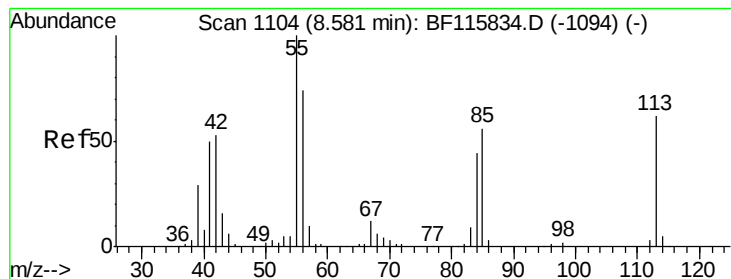
#34
Hexachlorobutadiene
Concen: 20.711 ng
RT: 8.29 min Scan# 1054
Delta R.T. 0.00 min
Lab File: BF115833.D
Acq: 29 Jul 2019 11:05

Tgt Ion:	225	Resp:	114888
Ion	Ratio	Lower	Upper
225	100		
223	62.4	50.2	75.4
227	63.6	50.2	75.4



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





#35

Caprolactam

Concen: 21.013 ng

RT: 8.56 min Scan# 1101

Delta R.T. -0.02 min

Lab File: BF115833.D

Acq: 29 Jul 2019 11:05

Instrument :

BNA_F

ClientSampled :

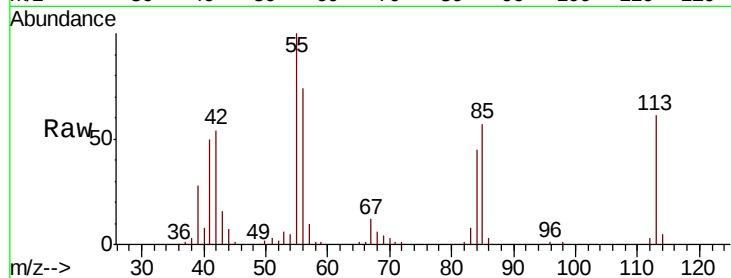
Tot Ion:113 Resp: 55565

Ion Ratio Lower Upper

113 100

55 163.4 141.2 181.2

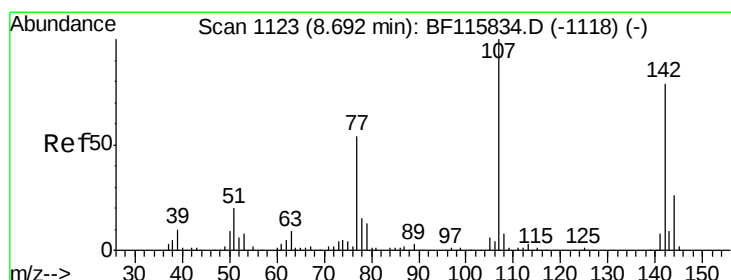
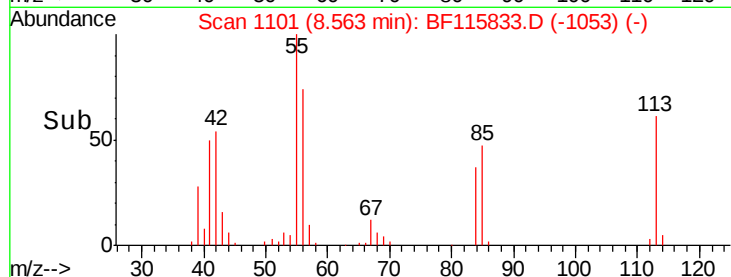
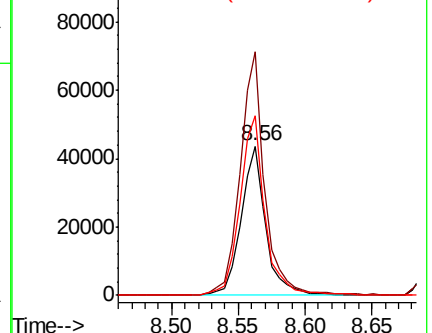
56 120.7 100.0 140.0



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: 21.361 ng

RT: 8.69 min Scan# 1122

Delta R.T. -0.01 min

Lab File: BF115833.D

Acq: 29 Jul 2019 11:05

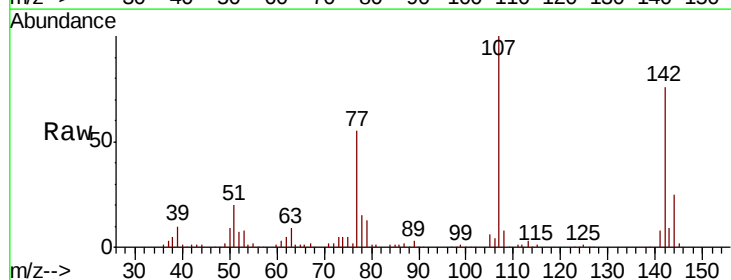
Tgt Ion:107 Resp: 189614

Ion Ratio Lower Upper

107 100

144 24.8 20.4 30.6

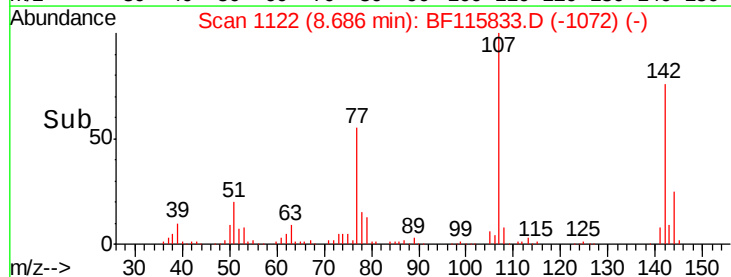
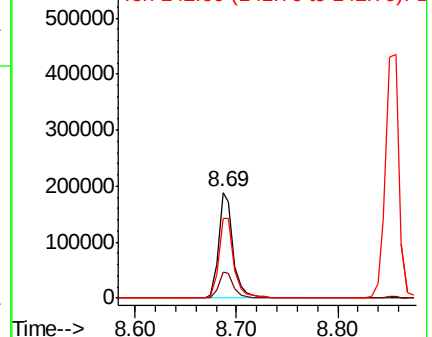
142 75.6 63.4 95.0

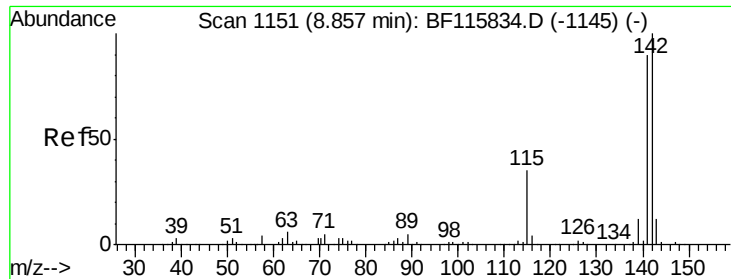


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

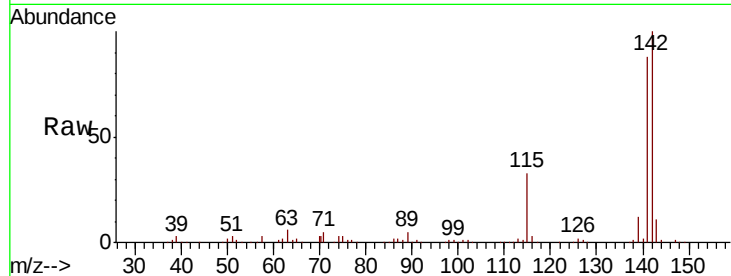




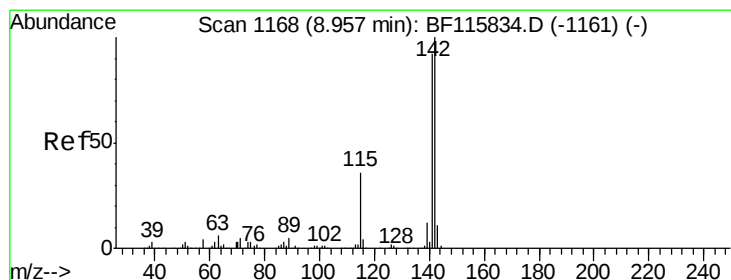
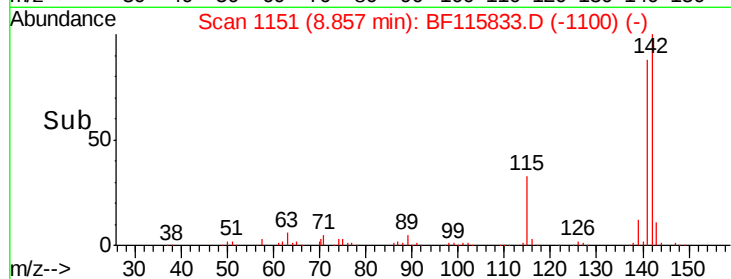
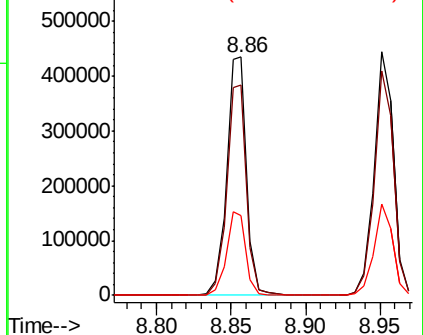
#37
2-Methylnaphthalene
Concen: 22.068 ng
RT: 8.86 min Scan# 1151
Delta R.T. 0.00 min
Lab File: BF115833.D
Acq: 29 Jul 2019 11:05

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.4	71.9	107.9
115	33.5	27.9	41.9

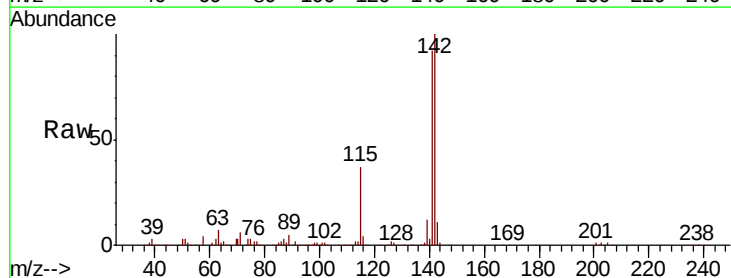


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

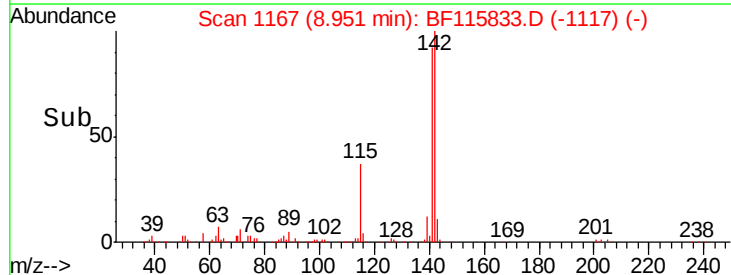
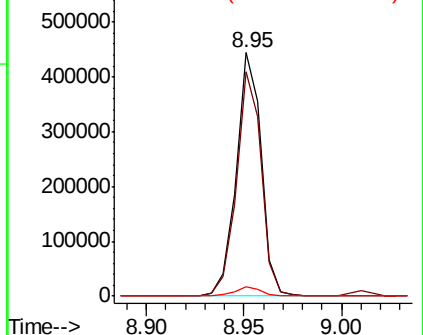


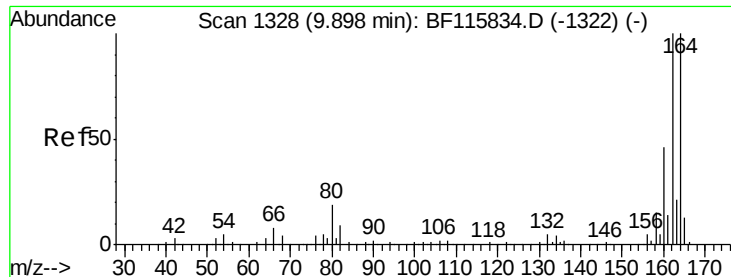
#38
1-Methylnaphthalene
Concen: 22.365 ng
RT: 8.95 min Scan# 1167
Delta R.T. -0.01 min
Lab File: BF115833.D
Acq: 29 Jul 2019 11:05

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.0	73.8	110.8
116	3.9	3.0	4.4



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





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.90 min Scan# 1328

Delta R.T. 0.00 min

Lab File: BF115833.D

Acq: 29 Jul 2019 11:05

Instrument :

BNA_F

ClientSampleId :

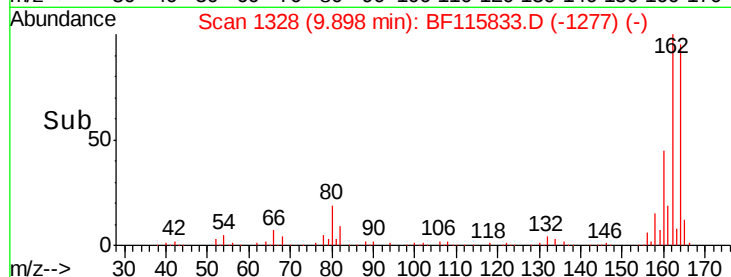
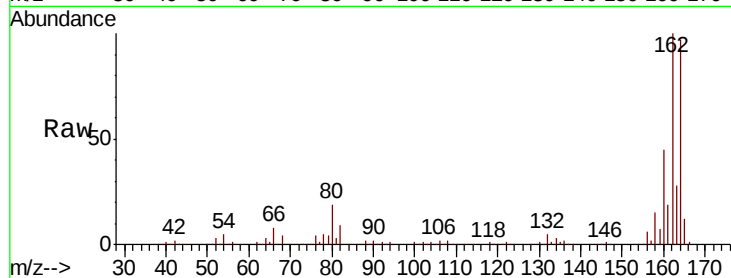
Tot Ion:164 Resp: 282486

Ion Ratio Lower Upper

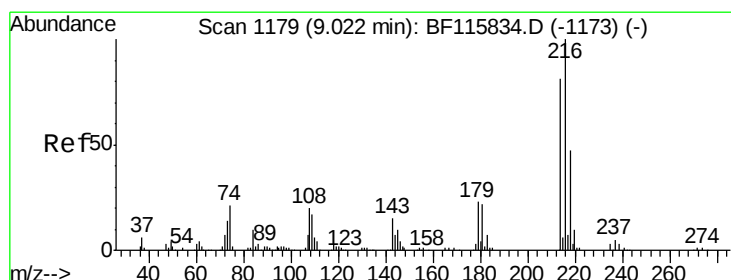
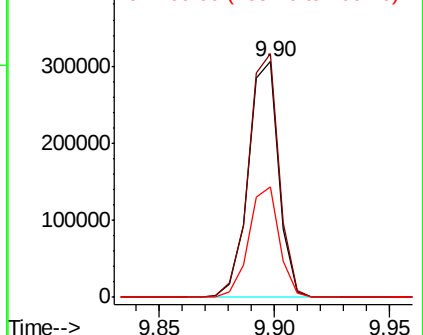
164 100

162 103.4 80.3 120.5

160 46.9 36.9 55.3



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: 21.321 ng

RT: 9.02 min Scan# 1179

Delta R.T. 0.00 min

Lab File: BF115833.D

Acq: 29 Jul 2019 11:05

Tgt Ion:216 Resp: 181371

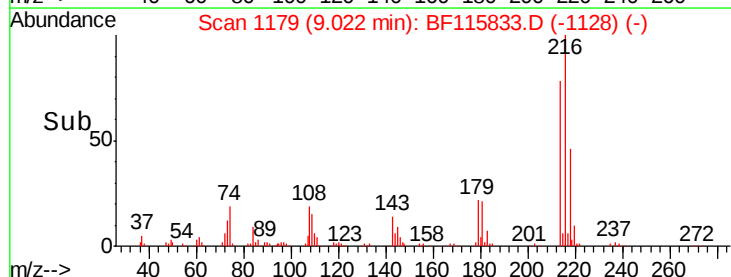
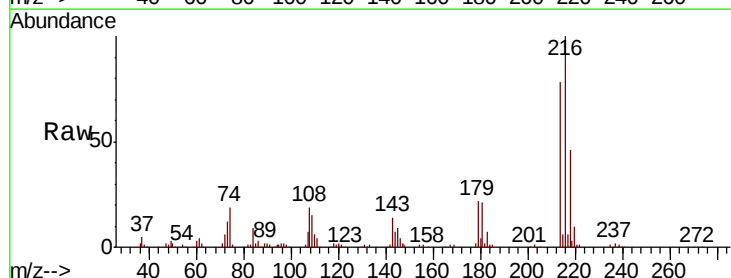
Ion Ratio Lower Upper

216 100

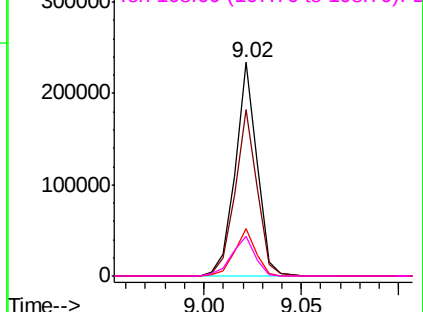
214 78.7 64.0 96.0

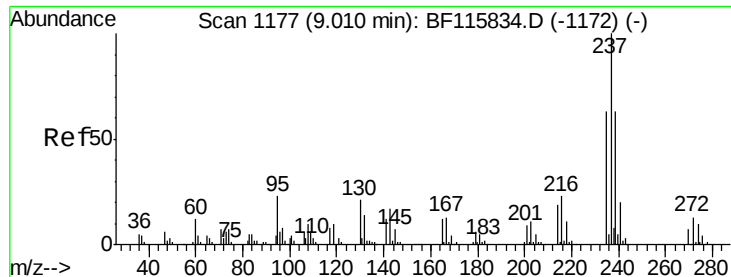
179 21.8 17.8 26.8

108 20.2 16.2 24.4



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: 11.089 ng

RT: 9.01 min Scan# 1177

Delta R.T. 0.00 min

Lab File: BF115833.D

Acq: 29 Jul 2019 11:05

Instrument :

BNA_F

ClientSampleId :

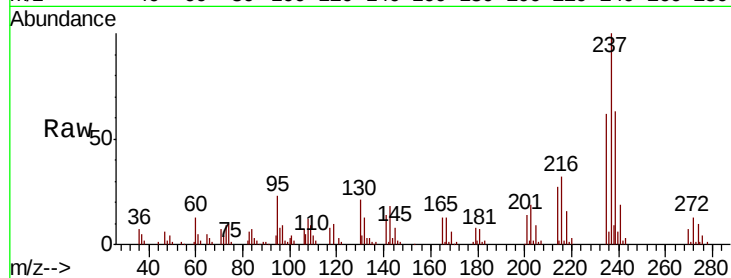
Tot Ion:237 Resp: 53810

Ion Ratio Lower Upper

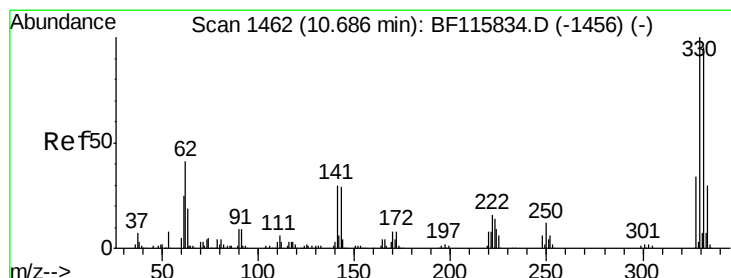
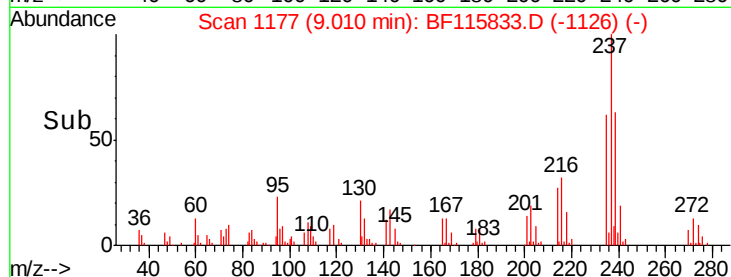
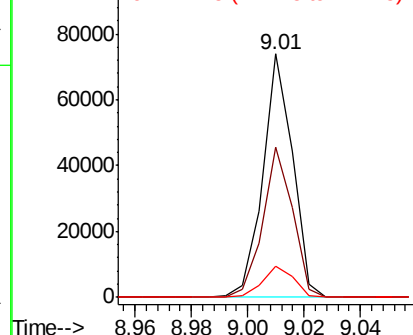
237 100

235 61.6 42.7 82.7

272 13.0 0.0 32.8



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: 40.272 ng

RT: 10.68 min Scan# 1461

Delta R.T. -0.01 min

Lab File: BF115833.D

Acq: 29 Jul 2019 11:05

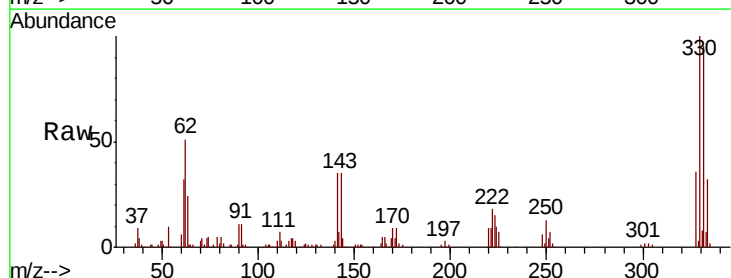
Tgt Ion:330 Resp: 132789

Ion Ratio Lower Upper

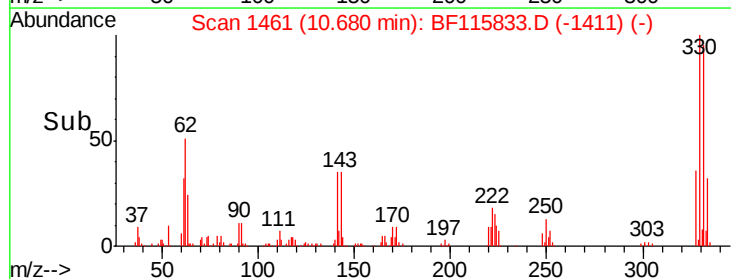
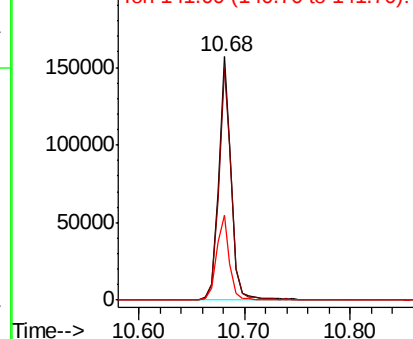
330 100

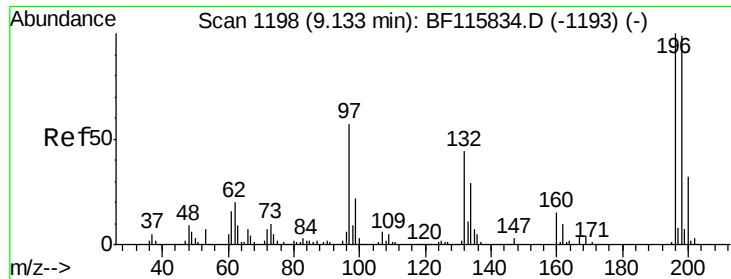
332 95.9 76.7 115.1

141 35.3 27.2 40.8



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

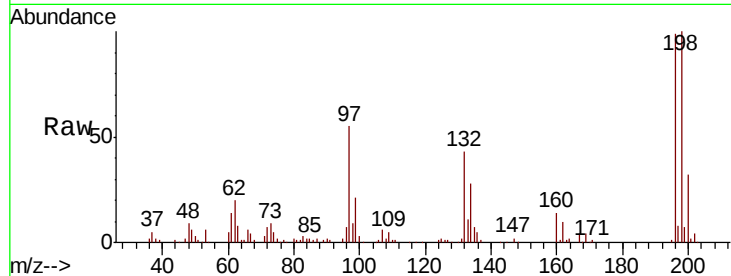




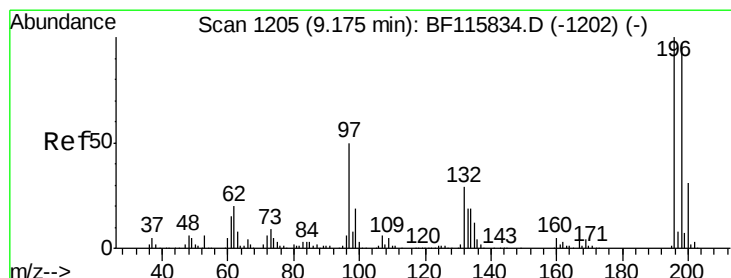
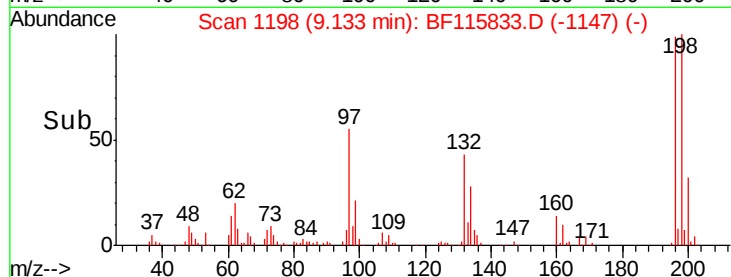
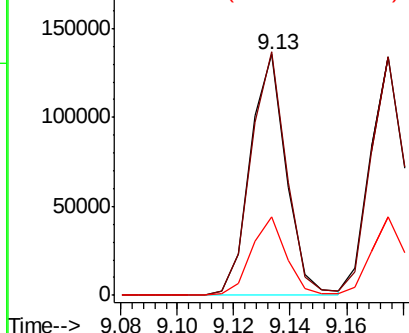
#43
 2,4,6-Trichlorophenol
 Concen: 19.306 ng
 RT: 9.13 min Scan# 1198
 Delta R.T. 0.00 min
 Lab File: BF115833.D
 Acq: 29 Jul 2019 11:05

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	196	Resp	120097
Ion Ratio	Lower	Upper	
196	100		
198	101.1	79.3	118.9
200	32.5	25.3	37.9



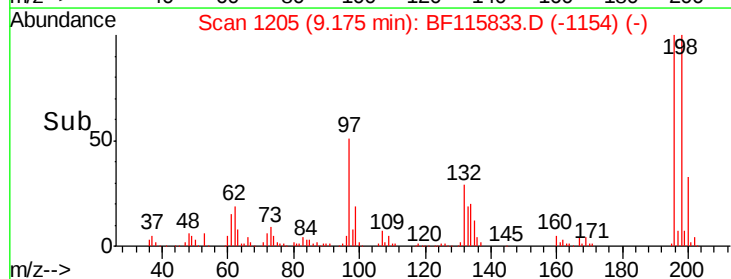
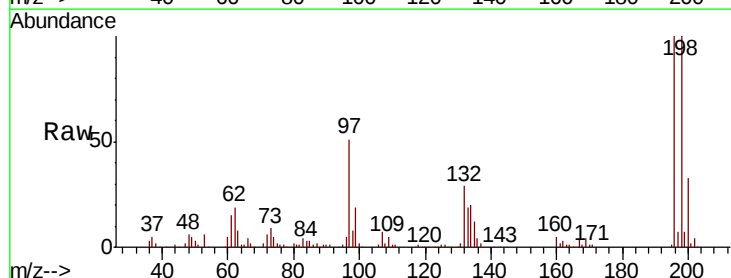
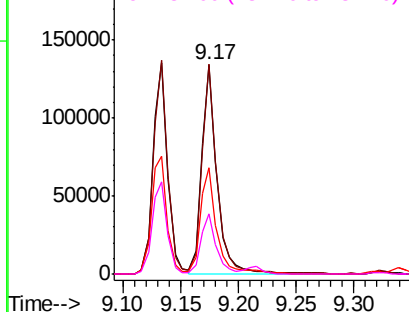
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

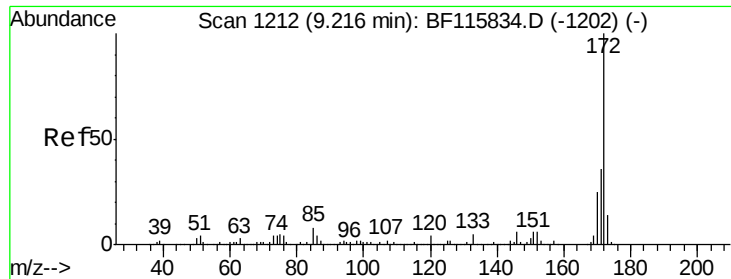


#44
 2,4,5-Trichlorophenol
 Concen: 19.707 ng
 RT: 9.17 min Scan# 1205
 Delta R.T. 0.00 min
 Lab File: BF115833.D
 Acq: 29 Jul 2019 11:05

Tgt Ion	196	Resp	125551
Ion Ratio	Lower	Upper	
196	100		
198	100.0	77.9	116.9
97	50.8	40.2	60.4
132	28.9	23.0	34.6

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

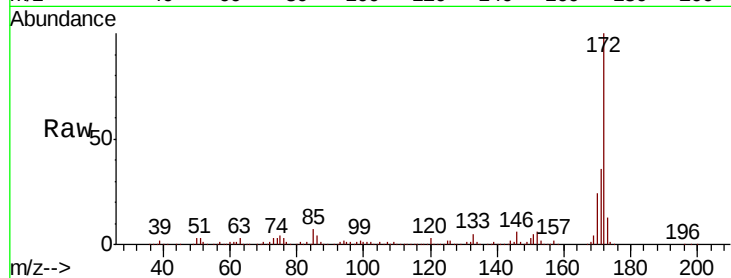




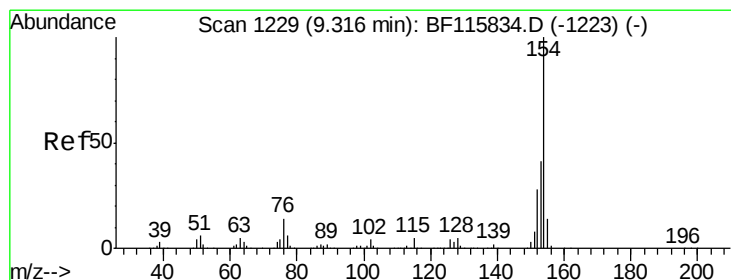
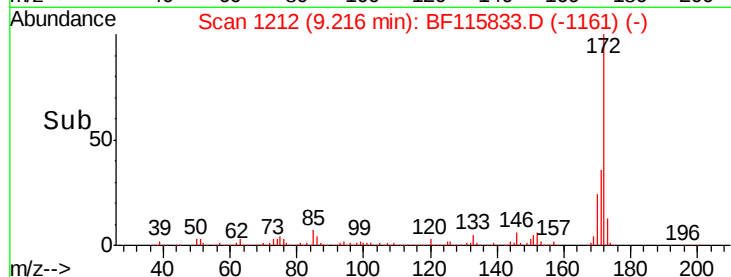
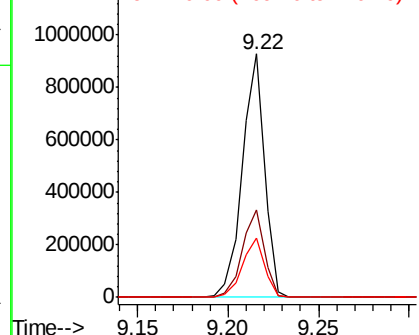
#45
 2-Fluorobiphenyl
 Concen: 48.947 ng
 RT: 9.22 min Scan# 1212
 Delta R.T. 0.00 min
 Lab File: BF115833.D
 Acq: 29 Jul 2019 11:05

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.1	43.7
170	24.3	20.1	30.1

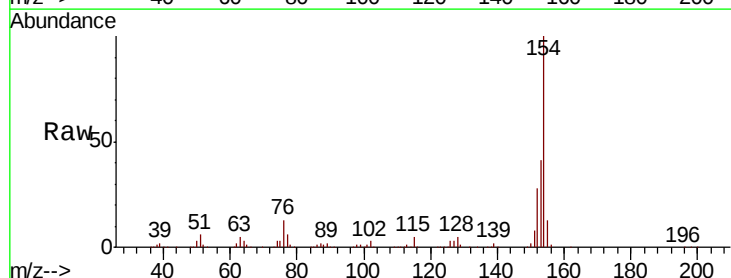


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

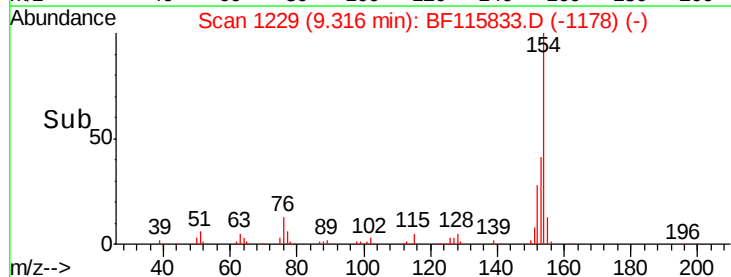
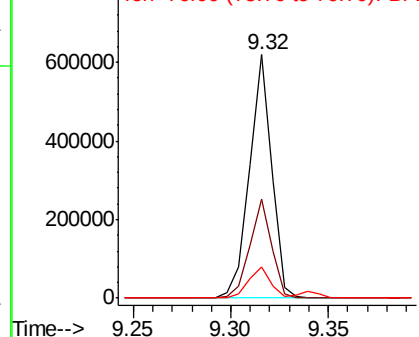


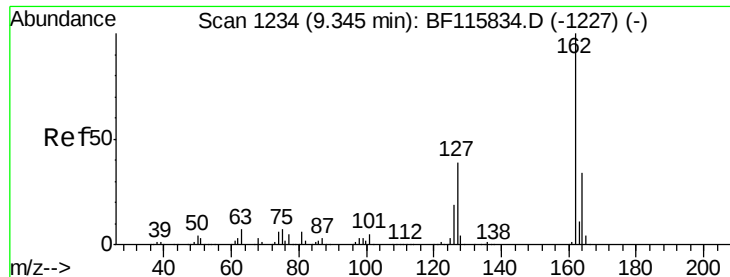
#46
 1,1'-Biphenyl
 Concen: 22.154 ng
 RT: 9.32 min Scan# 1229
 Delta R.T. 0.00 min
 Lab File: BF115833.D
 Acq: 29 Jul 2019 11:05

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.8	20.9	60.9
76	13.0	0.0	33.9



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

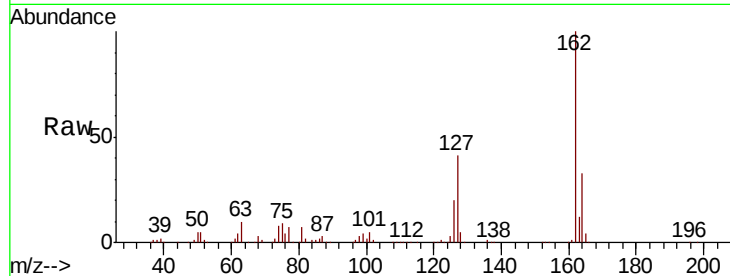




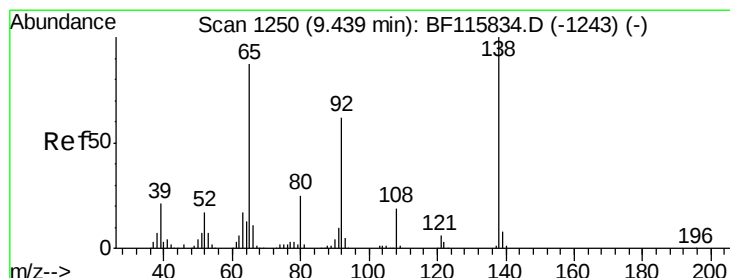
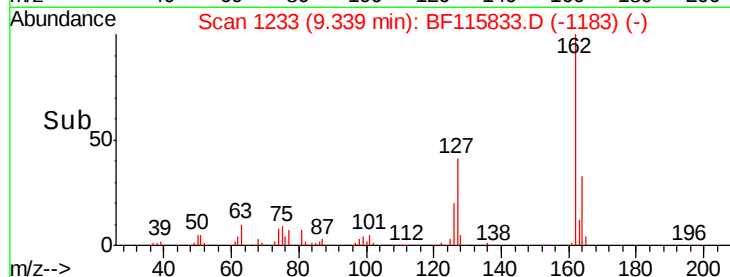
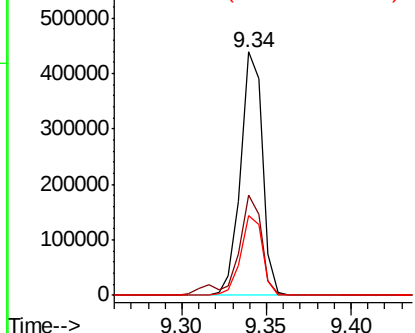
#47
2-Chloronaphthalene
Concen: 21.613 ng
RT: 9.34 min Scan# 1233
Delta R.T. -0.01 min
Lab File: BF115833.D
Acq: 29 Jul 2019 11:05

Instrument :
BNA_F
ClientSampleId :

Tot Ion:162 Resp: 397442
Ion Ratio Lower Upper
162 100
127 41.2 31.7 47.5
164 32.9 27.0 40.4

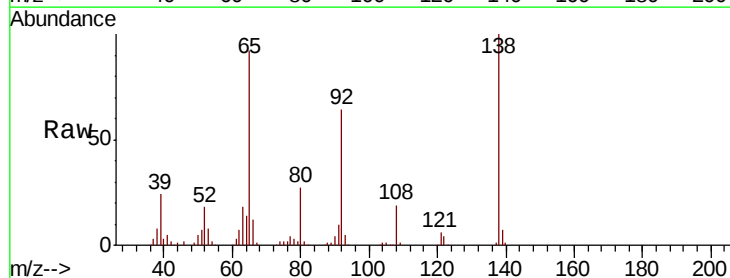


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

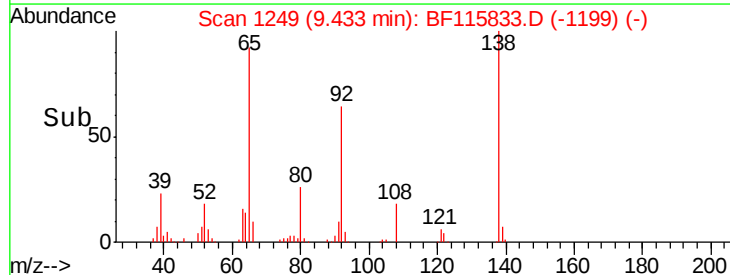
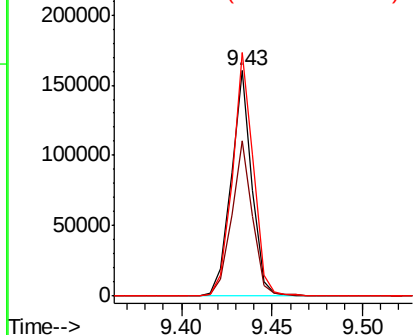


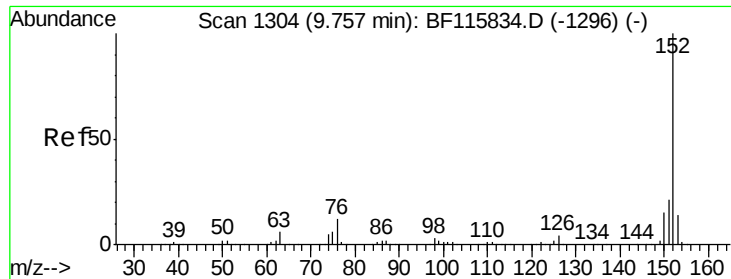
#48
2-Nitroaniline
Concen: 22.376 ng
RT: 9.43 min Scan# 1249
Delta R.T. -0.01 min
Lab File: BF115833.D
Acq: 29 Jul 2019 11:05

Tgt Ion: 65 Resp: 127356
Ion Ratio Lower Upper
65 100
92 68.8 57.0 85.6
138 108.1 92.3 138.5



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: 22.538 ng

RT: 9.76 min Scan# 1304

Delta R.T. 0.00 min

Lab File: BF115833.D

Acq: 29 Jul 2019 11:05

Instrument :

BNA_F

ClientSampleId :

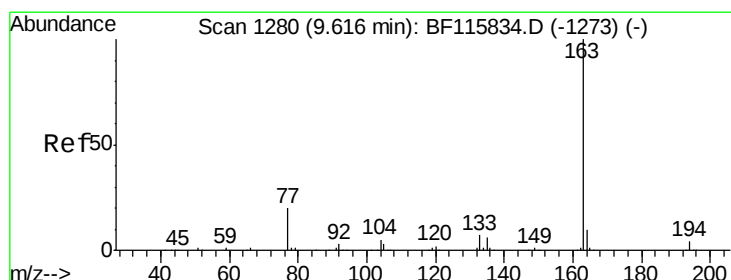
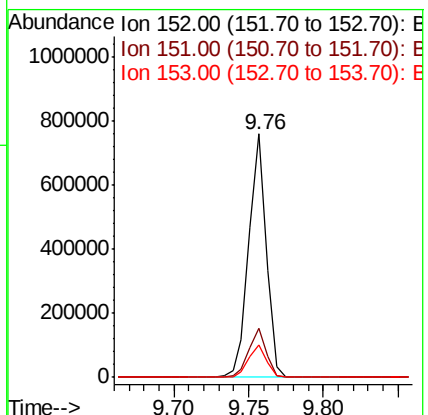
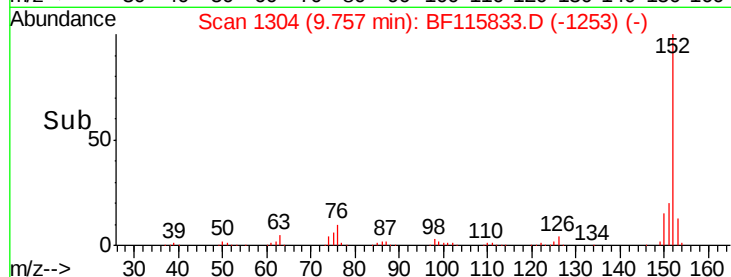
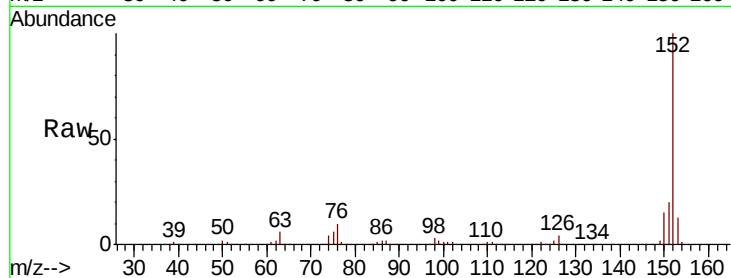
Tot Ion:152 Resp: 614101

Ion Ratio Lower Upper

152 100

151 20.0 16.6 24.8

153 13.4 11.5 17.3



#50

Dimethylphthalate

Concen: 20.971 ng

RT: 9.61 min Scan# 1279

Delta R.T. -0.01 min

Lab File: BF115833.D

Acq: 29 Jul 2019 11:05

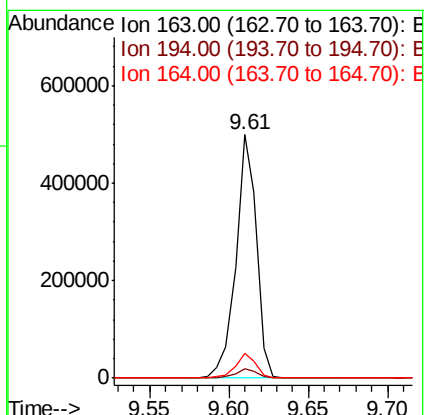
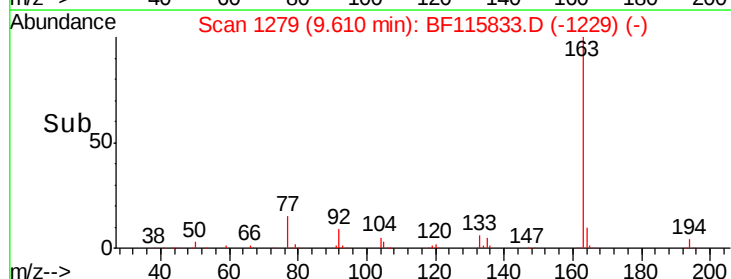
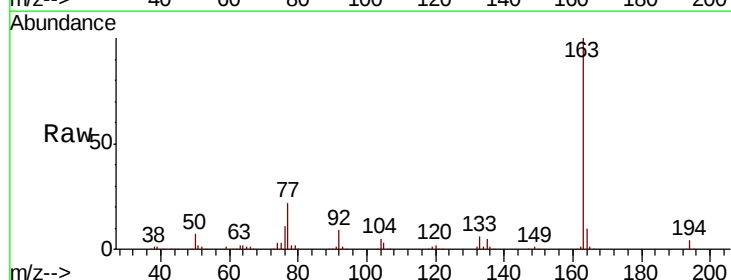
Tgt Ion:163 Resp: 445701

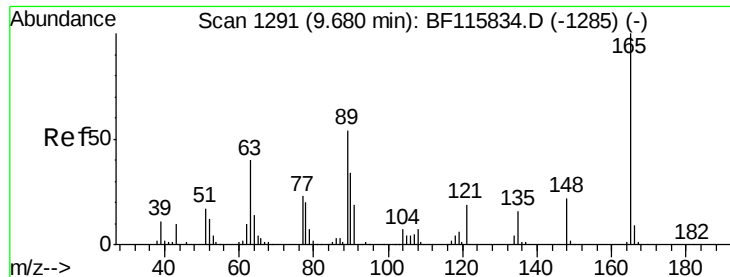
Ion Ratio Lower Upper

163 100

194 3.7 3.0 4.6

164 10.1 8.4 12.6





#51

2,6-Dinitrotoluene

Concen: 20.200 ng

RT: 9.67 min Scan# 1290

Delta R.T. -0.01 min

Lab File: BF115833.D

Acq: 29 Jul 2019 11:05

Instrument :

BNA_F

ClientSampleId :

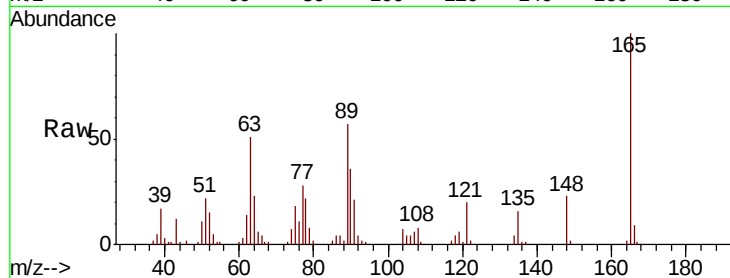
Tot Ion:165 Resp: 97566

Ion Ratio Lower Upper

165 100

63 51.1 37.8 56.8

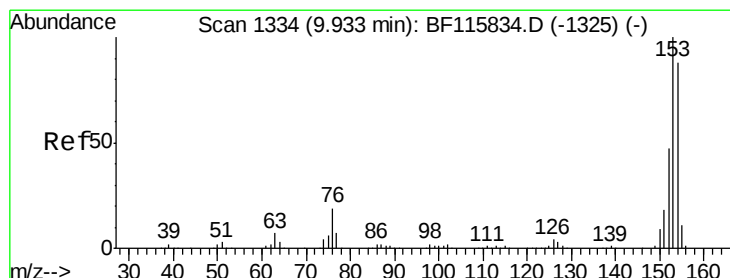
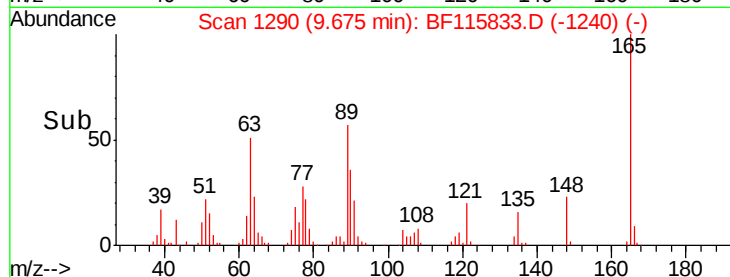
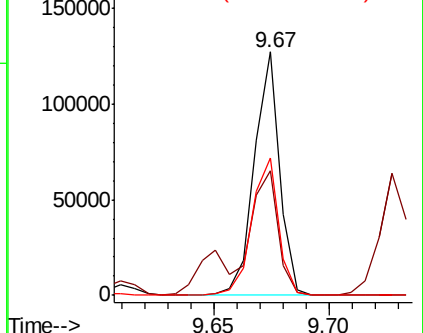
89 56.5 43.0 64.6



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: 20.766 ng

RT: 9.93 min Scan# 1333

Delta R.T. -0.01 min

Lab File: BF115833.D

Acq: 29 Jul 2019 11:05

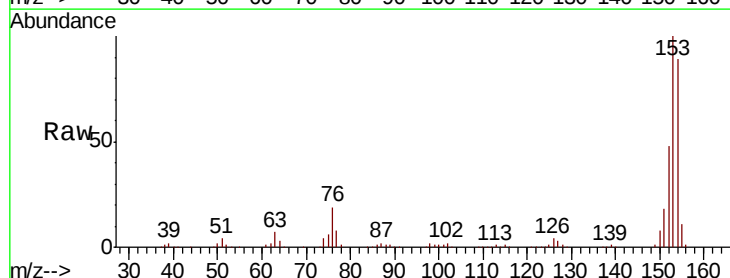
Tgt Ion:154 Resp: 365301

Ion Ratio Lower Upper

154 100

153 112.1 91.0 136.6

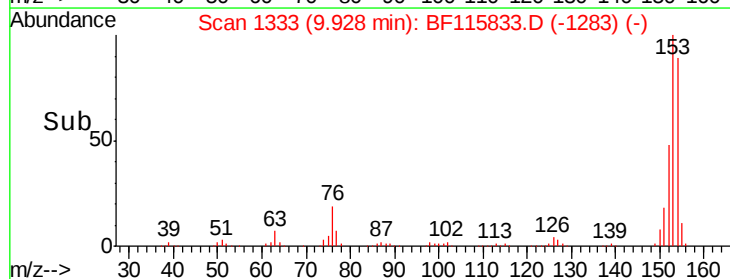
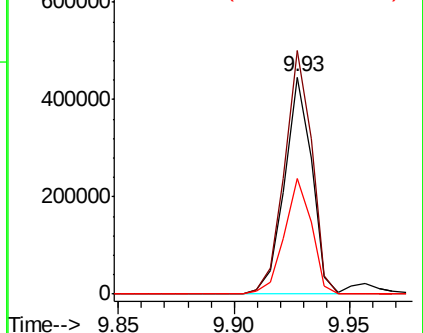
152 53.4 42.6 64.0

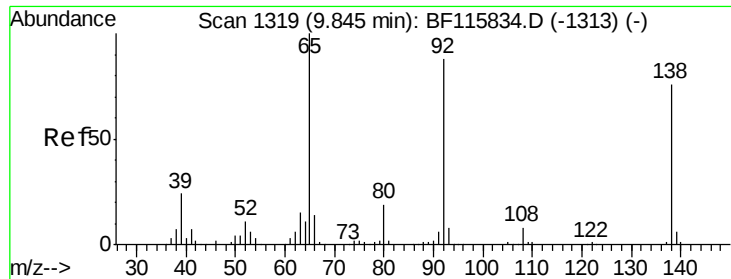


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

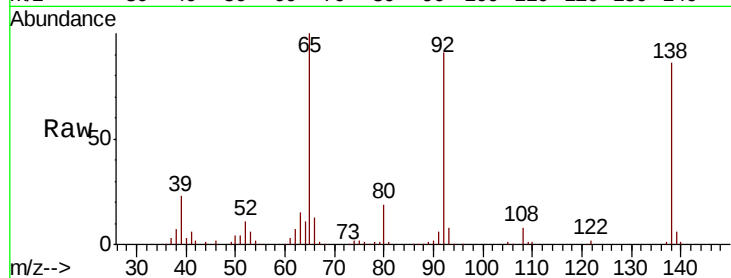




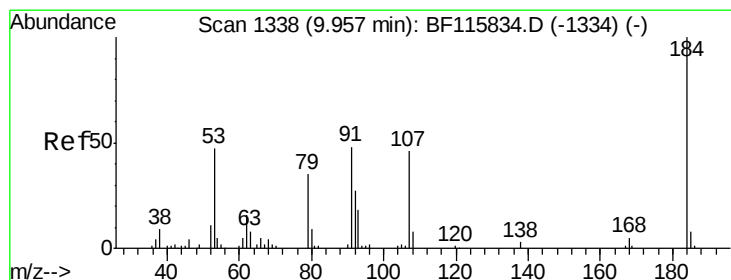
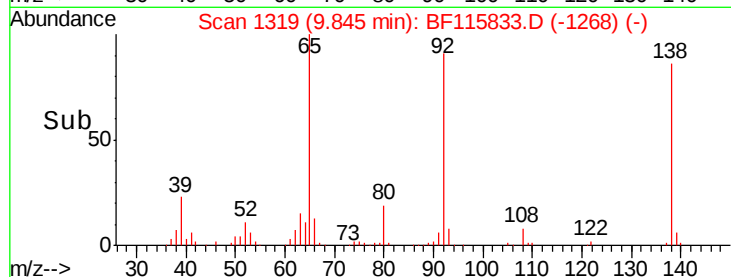
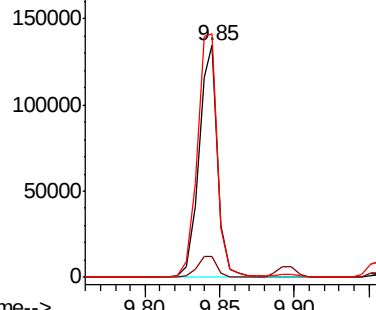
#53
3-Nitroaniline
Concen: 21.674 ng
RT: 9.85 min Scan# 1319
Delta R.T. 0.00 min
Lab File: BF115833.D
Acq: 29 Jul 2019 11:05

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 119629
Ion Ratio Lower Upper
138 100
108 9.2 8.0 12.0
92 105.0 92.3 138.5

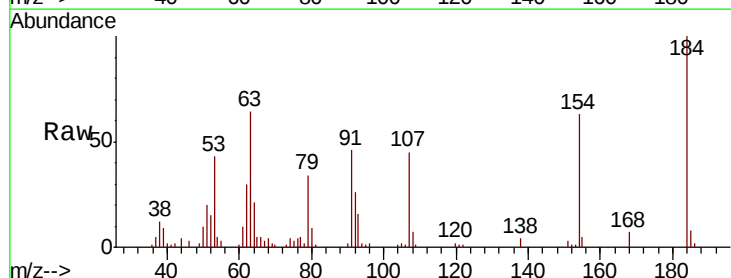


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

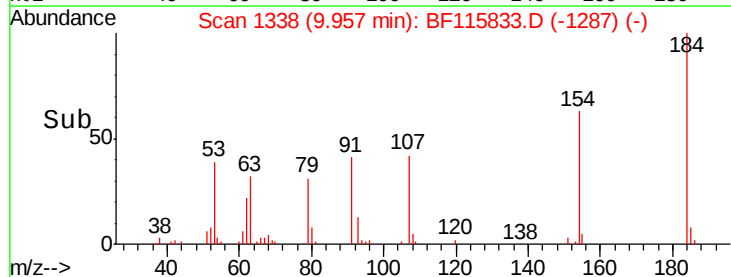
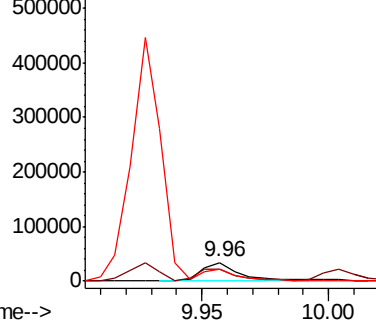


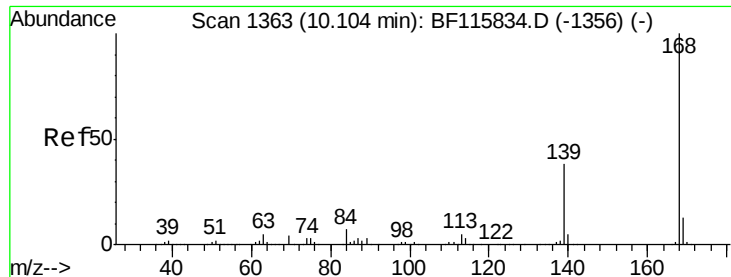
#54
2,4-Dinitrophenol
Concen: 14.410 ng
RT: 9.96 min Scan# 1338
Delta R.T. 0.00 min
Lab File: BF115833.D
Acq: 29 Jul 2019 11:05

Tgt Ion:184 Resp: 35733
Ion Ratio Lower Upper
184 100
63 64.2 55.4 83.2
154 63.1 51.4 77.2



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

Dibenzenofuran

Concen: 21.714 ng

RT: 10.10 min Scan# 1362

Delta R.T. -0.01 min

Lab File: BF115833.D

Acq: 29 Jul 2019 11:05

Instrument :

BNA_F

ClientSampleId :

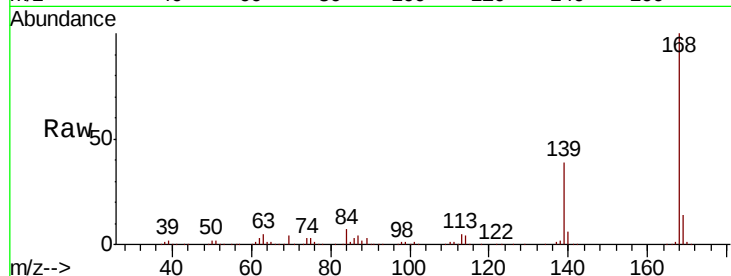
Tot Ion:168 Resp: 542454

Ion Ratio Lower Upper

168 100

139 38.9 31.0 46.4

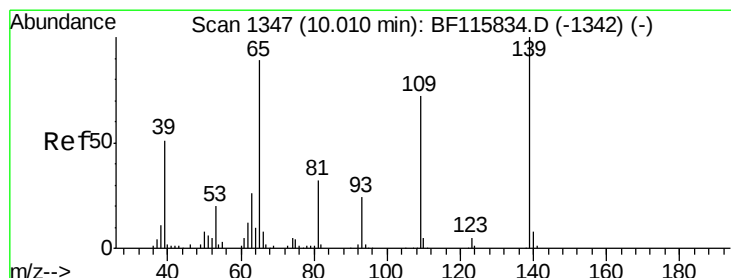
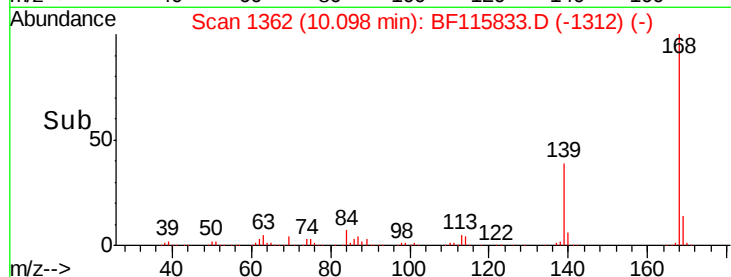
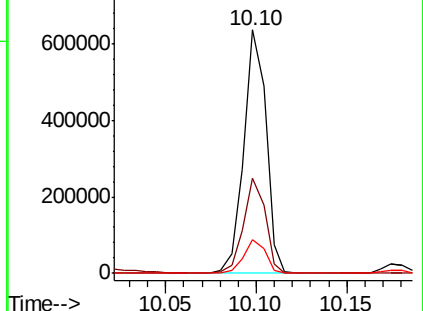
169 13.7 10.8 16.2



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: 19.027 ng

RT: 10.00 min Scan# 1346

Delta R.T. -0.01 min

Lab File: BF115833.D

Acq: 29 Jul 2019 11:05

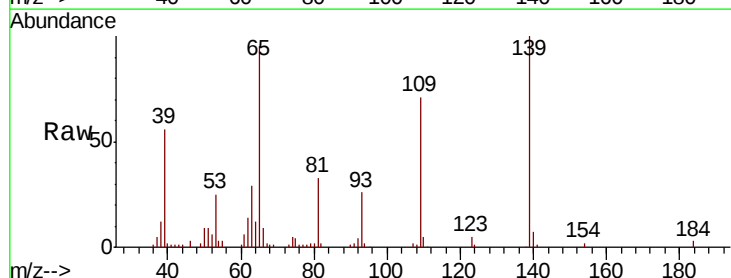
Tgt Ion:139 Resp: 80083

Ion Ratio Lower Upper

139 100

109 70.8 51.5 91.5

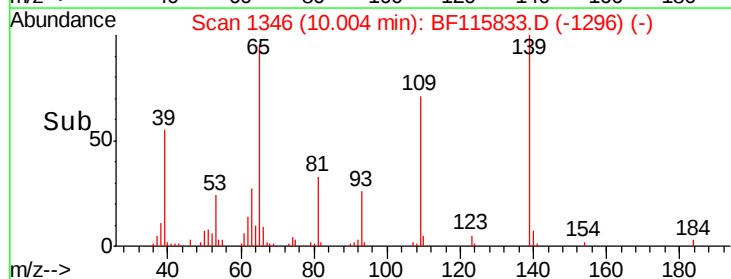
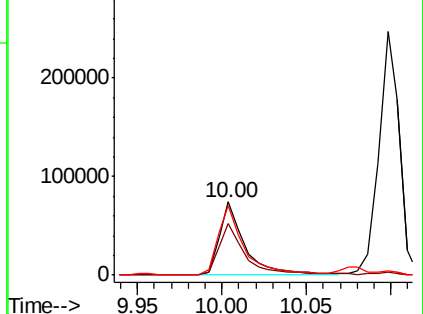
65 95.1 69.7 109.7

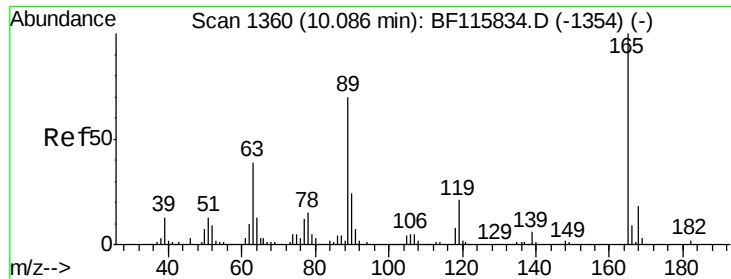


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

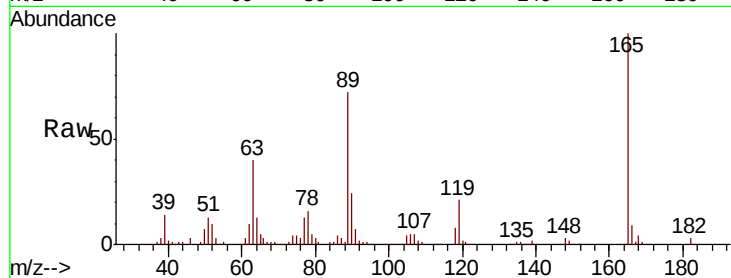




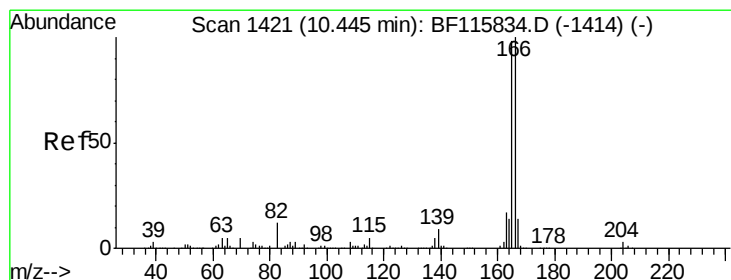
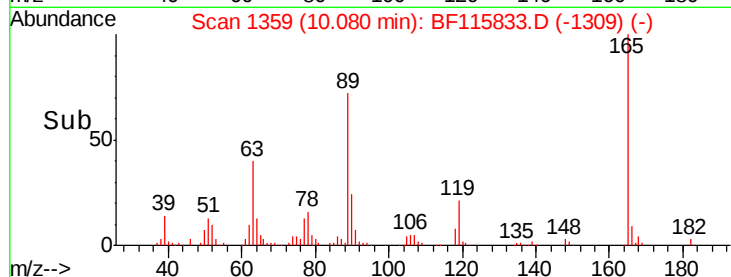
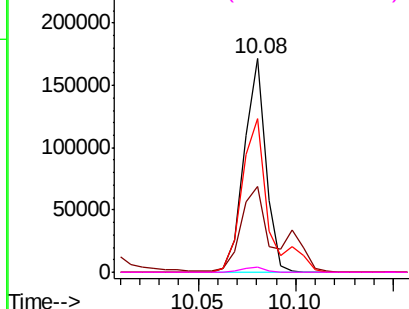
#57
2,4-Dinitrotoluene
Concen: 21.182 ng
RT: 10.08 min Scan# 1359
Delta R.T. -0.01 min
Lab File: BF115833.D
Acq: 29 Jul 2019 11:05

Instrument :
BNA_F
ClientSampleId :

Tot Ion:165	Resp:	132547	
Ion Ratio	Lower	Upper	
165 100			
63 40.3	31.8	47.6	
89 71.9	56.2	84.4	
182 2.6	2.0	3.0	

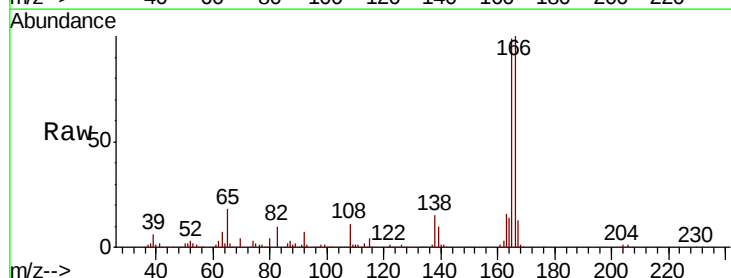


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

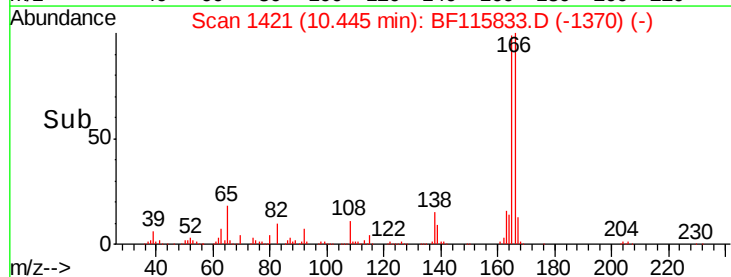
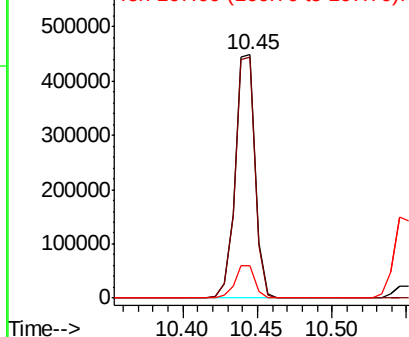


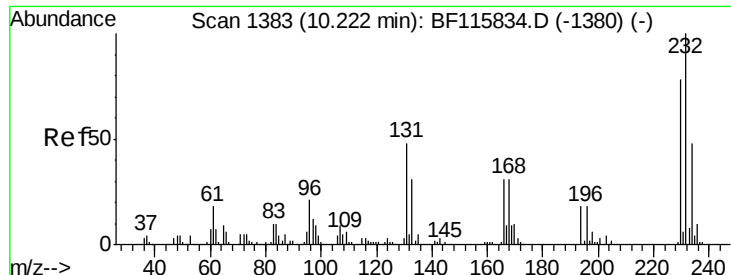
#58
Fluorene
Concen: 23.548 ng
RT: 10.45 min Scan# 1421
Delta R.T. 0.00 min
Lab File: BF115833.D
Acq: 29 Jul 2019 11:05

Tgt	Ion:166	Resp:	420553
Ion	Ratio	Lower	Upper
166	100		
165	98.8	78.6	118.0
167	13.3	11.0	16.4



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E

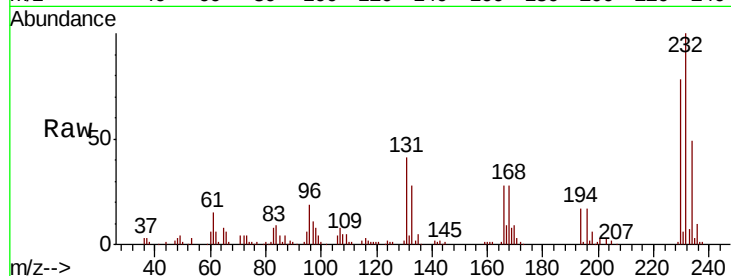




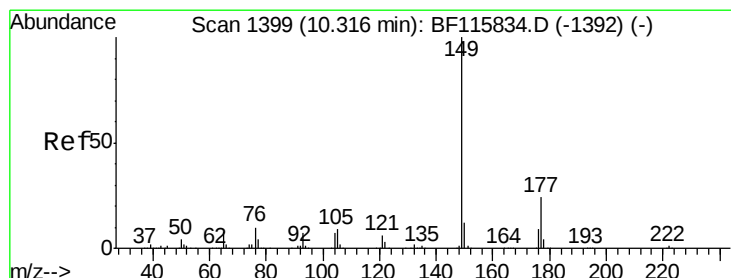
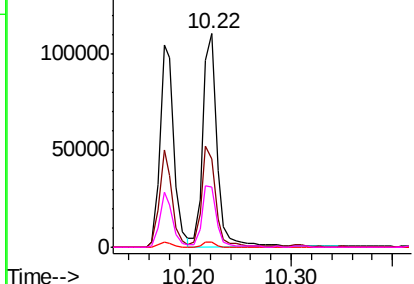
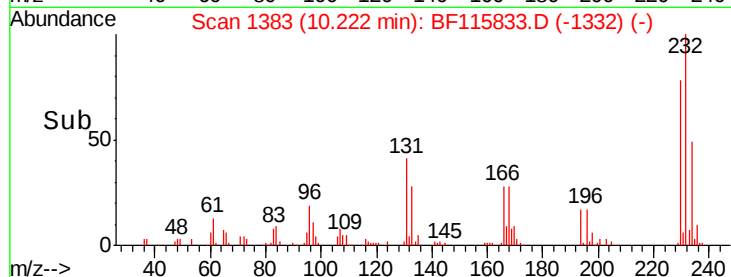
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 20.246 ng
 RT: 10.22 min Scan# 1383
 Delta R.T. 0.00 min
 Lab File: BF115833.D
 Acq: 29 Jul 2019 11:05

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:232 Resp: 107822
 Ion Ratio Lower Upper
 232 100
 131 47.7 36.9 55.3
 130 2.2 1.8 2.8
 166 30.5 23.8 35.6

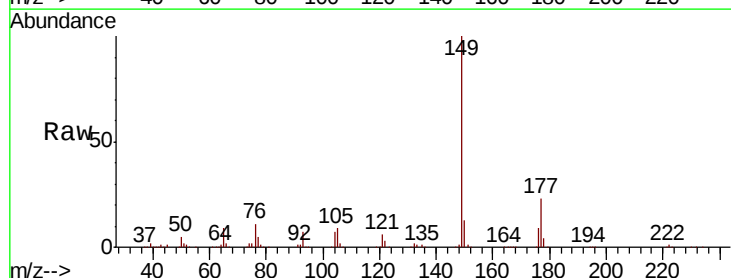


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

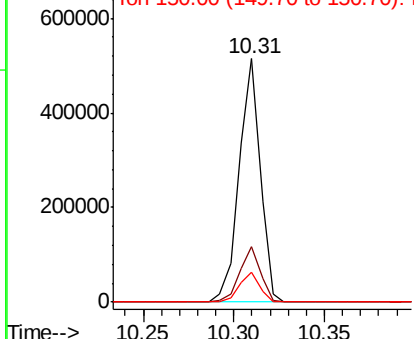
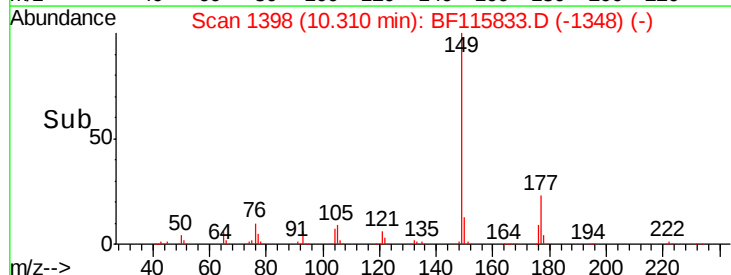


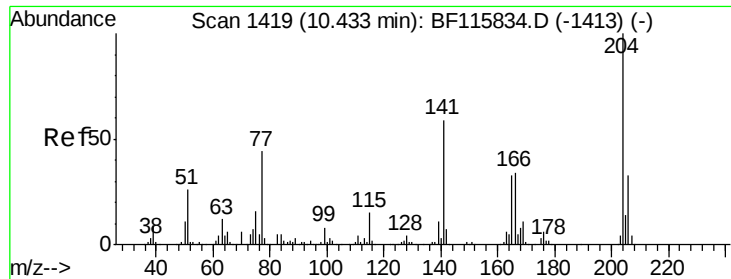
#60
 Diethylphthalate
 Concen: 20.965 ng
 RT: 10.31 min Scan# 1398
 Delta R.T. -0.01 min
 Lab File: BF115833.D
 Acq: 29 Jul 2019 11:05

Tgt Ion:149 Resp: 417495
 Ion Ratio Lower Upper
 149 100
 177 22.7 18.9 28.3
 150 12.5 9.8 14.8



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

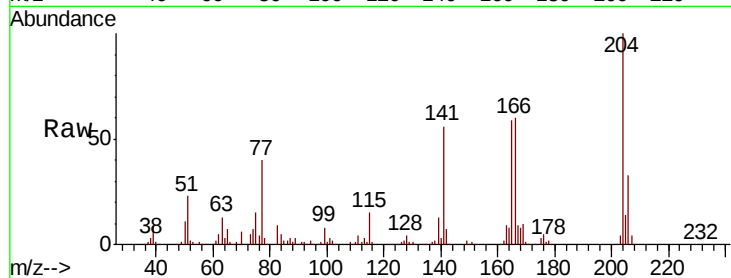




#61
4-Chlorophenyl-phenylether
Concen: 20.652 ng
RT: 10.43 min Scan# 1419
Delta R.T. 0.00 min
Lab File: BF115833.D
Acq: 29 Jul 2019 11:05

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.2	26.3	39.5
141	55.8	46.8	70.2

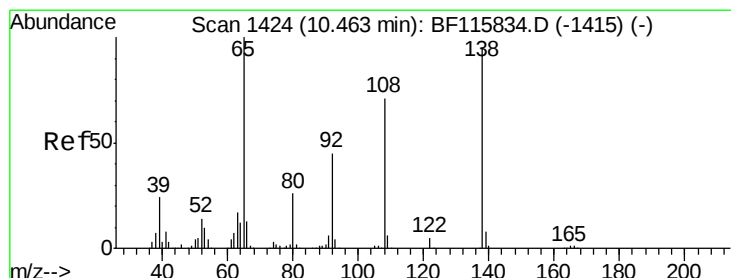
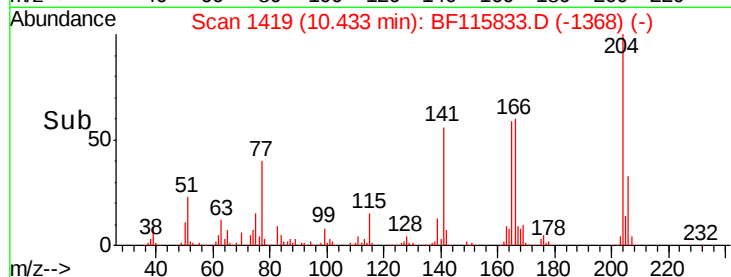
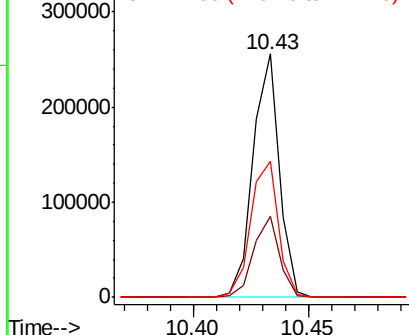


Abundance

Ion 204.00 (203.70 to 204.70): E

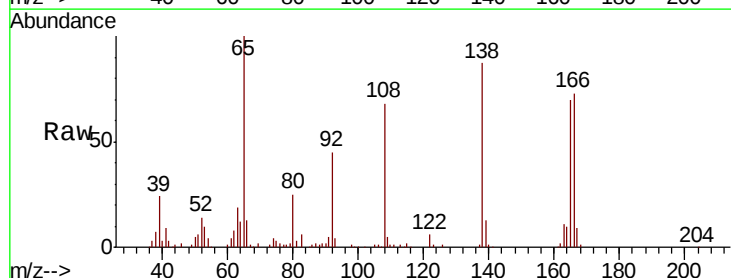
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62
4-Nitroaniline
Concen: 23.405 ng
RT: 10.45 min Scan# 1422
Delta R.T. -0.01 min
Lab File: BF115833.D
Acq: 29 Jul 2019 11:05

Tgt Ion	Ratio	Lower	Upper
138	100		
92	51.1	28.1	68.1
108	77.9	55.5	95.5

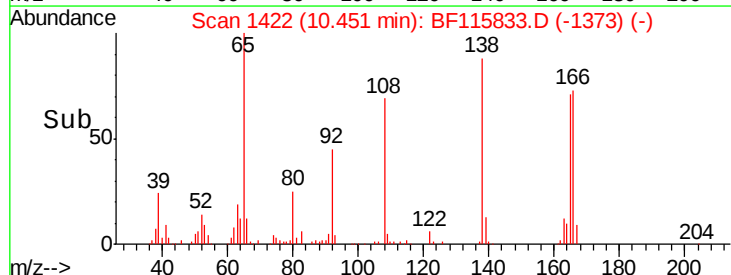
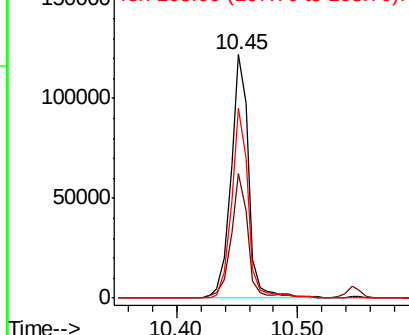


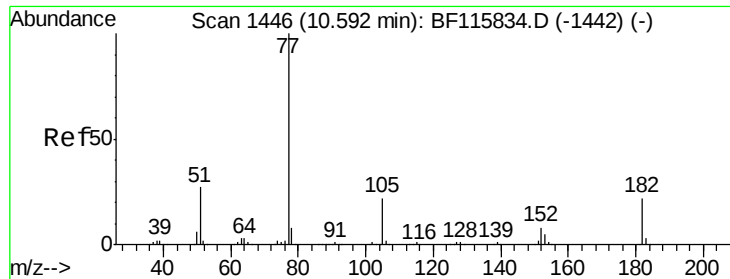
Abundance

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

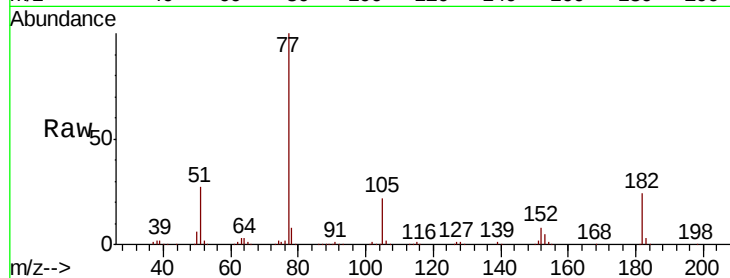




#63
Azobenzene
Concen: 23.010 ng
RT: 10.59 min Scan# 1446
Delta R.T. 0.00 min
Lab File: BF115833.D
Acq: 29 Jul 2019 11:05

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	23.7	2.2	42.2	
105	22.2	1.8	41.8	
51	26.6	7.2	47.2	



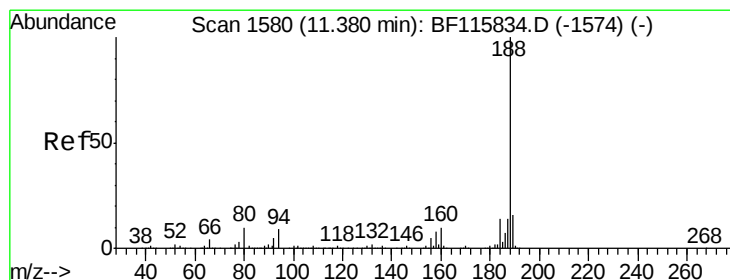
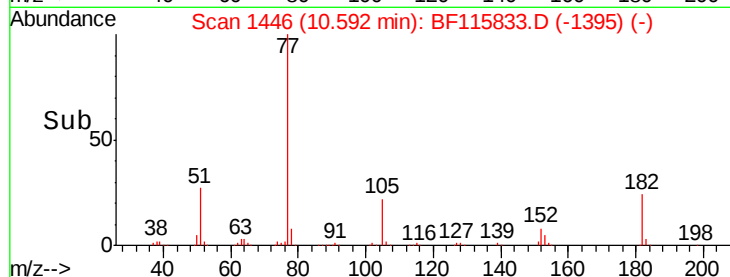
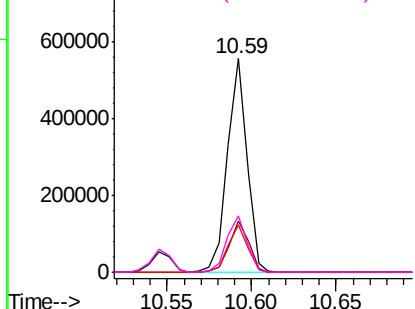
Abundance

Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): E

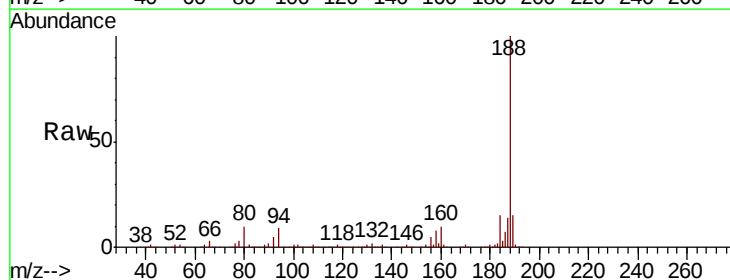
Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF1



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.38 min Scan# 1580
Delta R.T. 0.00 min
Lab File: BF115833.D
Acq: 29 Jul 2019 11:05

Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	9.5	7.4	11.2	
80	9.7	8.1	12.1	

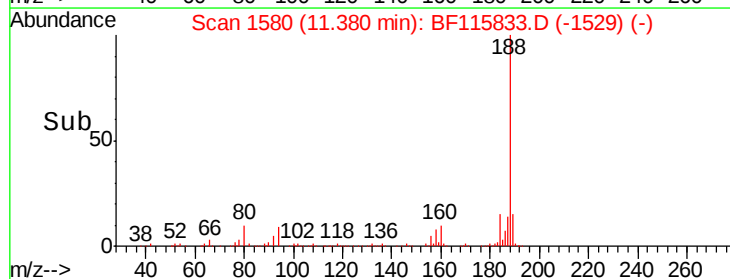
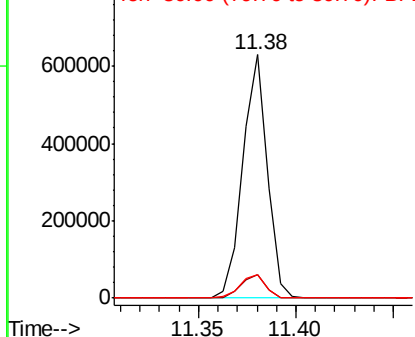


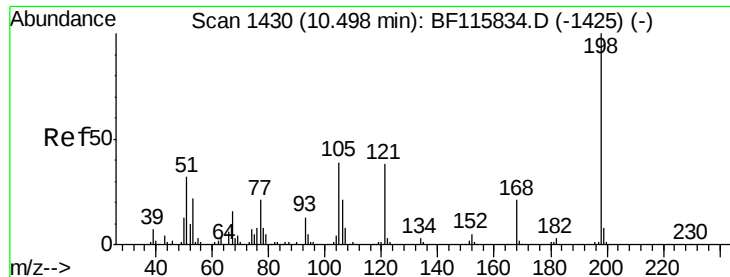
Abundance

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

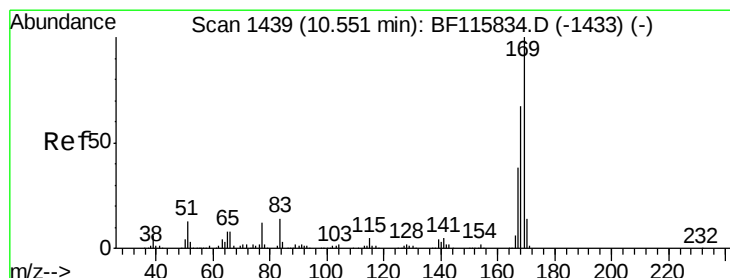
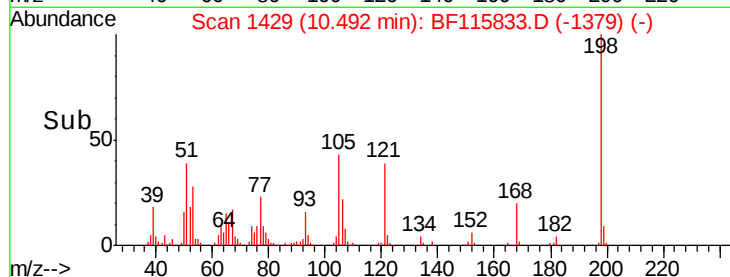
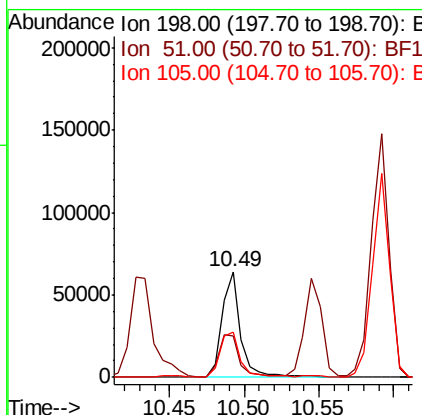
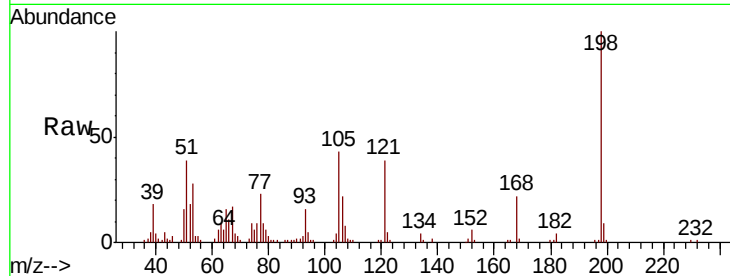




#65
 4,6-Dinitro-2-methylphenol
 Concen: 16.879 ng
 RT: 10.49 min Scan# 1429
 Delta R.T. -0.01 min
 Lab File: BF115833.D
 Acq: 29 Jul 2019 11:05

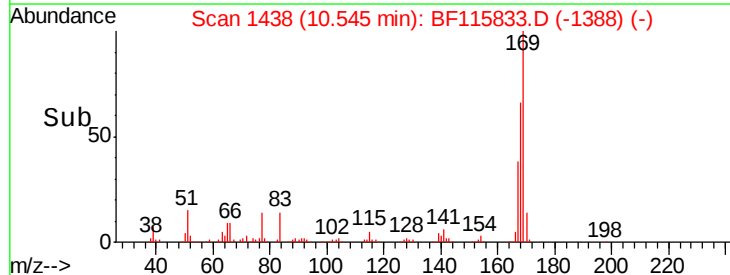
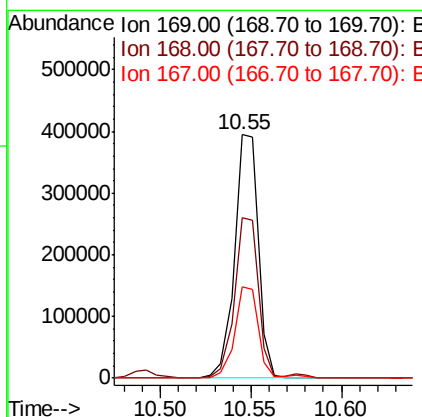
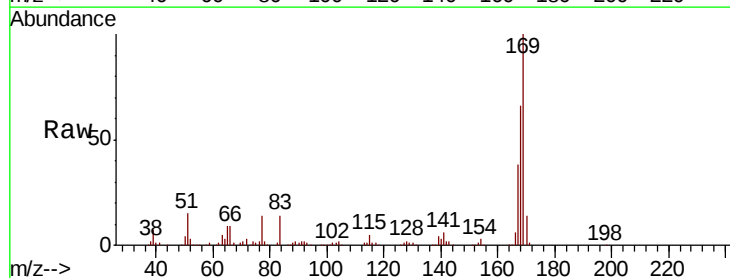
Instrument :
 BNA_F
 ClientSampleId :

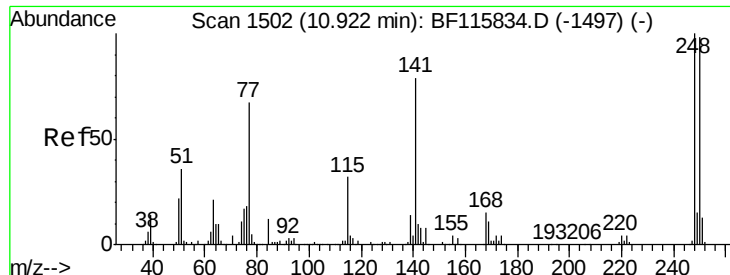
Tot Ion	Ratio	Lower	Upper
198	100		
51	38.9	14.3	54.3
105	42.7	19.5	59.5



#66
 n-Nitrosodiphenylamine
 Concen: 21.152 ng
 RT: 10.55 min Scan# 1438
 Delta R.T. -0.01 min
 Lab File: BF115833.D
 Acq: 29 Jul 2019 11:05

Tgt Ion	Ratio	Lower	Upper
169	100		
168	66.1	53.4	80.2
167	37.7	30.2	45.2

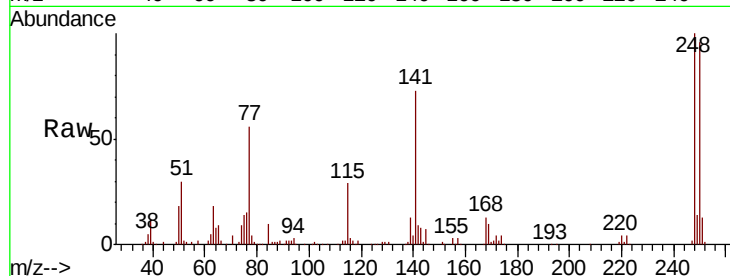




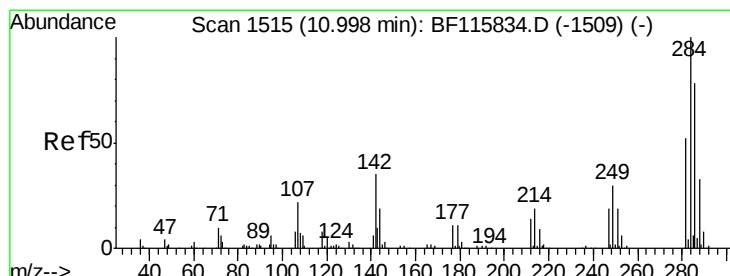
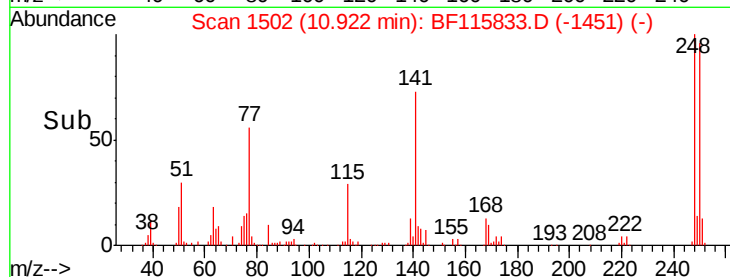
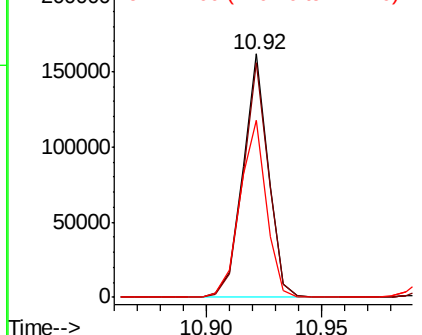
#67
4-Bromophenyl-phenylether
Concen: 19.789 ng
RT: 10.92 min Scan# 1502
Delta R.T. 0.00 min
Lab File: BF115833.D
Acq: 29 Jul 2019 11:05

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 124071
Ion Ratio Lower Upper
248 100
250 96.3 78.2 117.4
141 72.5 63.0 94.6

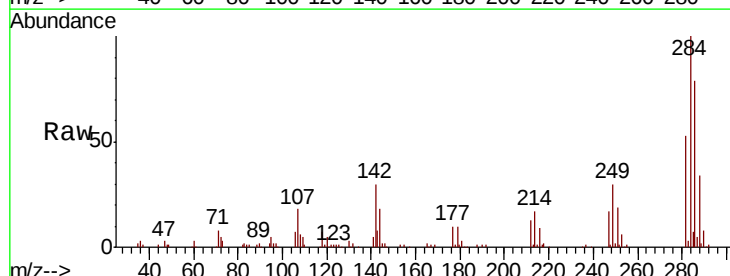


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

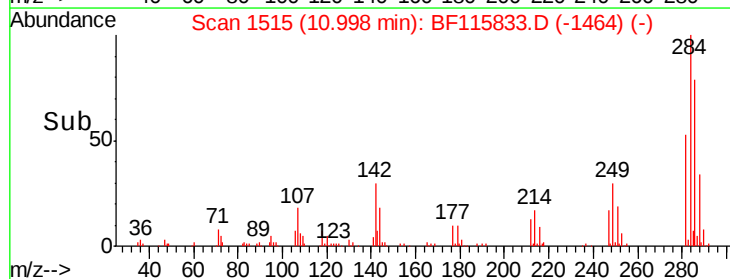
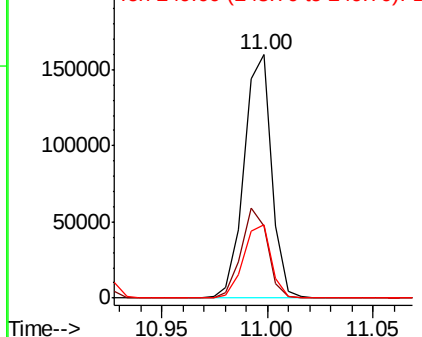


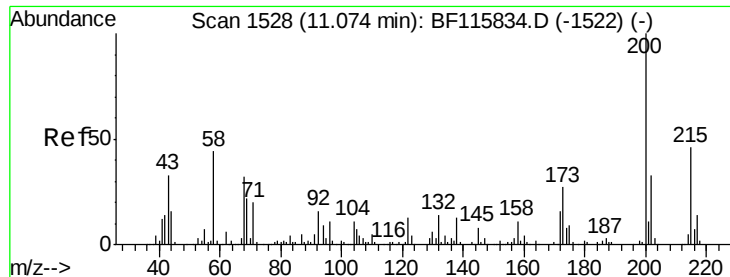
#68
Hexachlorobenzene
Concen: 20.166 ng
RT: 11.00 min Scan# 1515
Delta R.T. 0.00 min
Lab File: BF115833.D
Acq: 29 Jul 2019 11:05

Tgt Ion:284 Resp: 144391
Ion Ratio Lower Upper
284 100
142 29.7 27.7 41.5
249 30.2 24.2 36.4



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

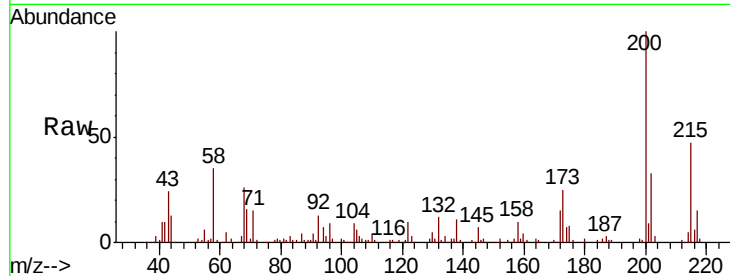




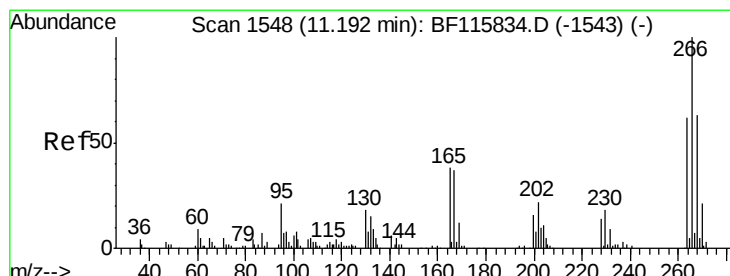
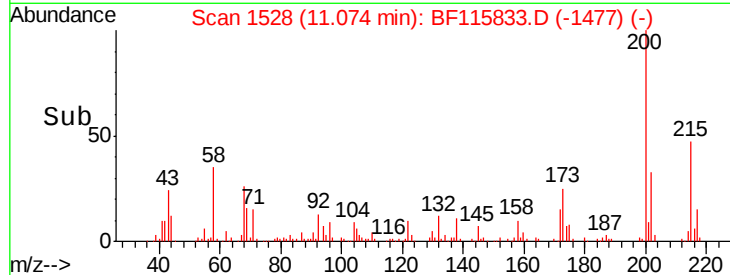
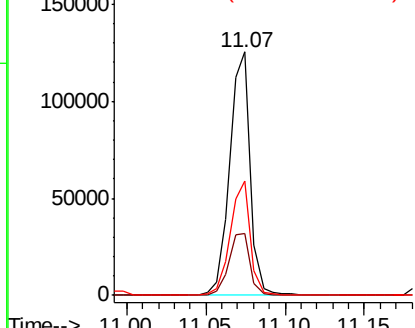
#69
Atrazine
Concen: 20.044 ng
RT: 11.07 min Scan# 1528
Delta R.T. 0.00 min
Lab File: BF115833.D
Acq: 29 Jul 2019 11:05

Instrument :
BNA_F
ClientSampleId :

Tot Ion:200 Resp: 112225
Ion Ratio Lower Upper
200 100
173 25.4 7.1 47.1
215 46.8 26.4 66.4

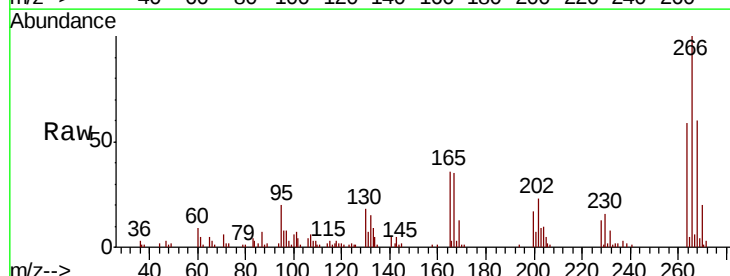


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

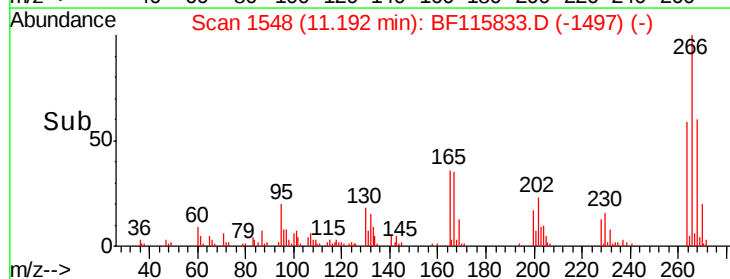
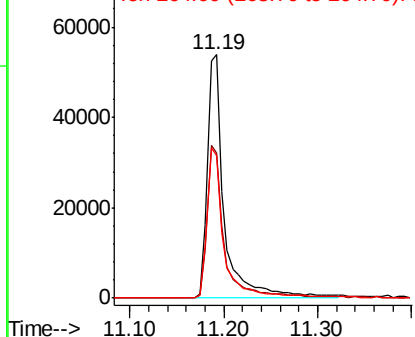


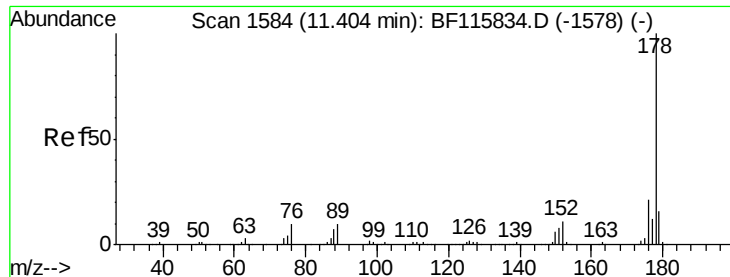
#70
Pentachlorophenol
Concen: 15.703 ng
RT: 11.19 min Scan# 1548
Delta R.T. 0.00 min
Lab File: BF115833.D
Acq: 29 Jul 2019 11:05

Tgt Ion:266 Resp: 68769
Ion Ratio Lower Upper
266 100
268 59.7 50.6 76.0
264 58.6 49.8 74.6



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: 22.283 ng

RT: 11.40 min Scan# 1584

Delta R.T. 0.00 min

Lab File: BF115833.D

Acq: 29 Jul 2019 11:05

Instrument :

BNA_F

ClientSampled :

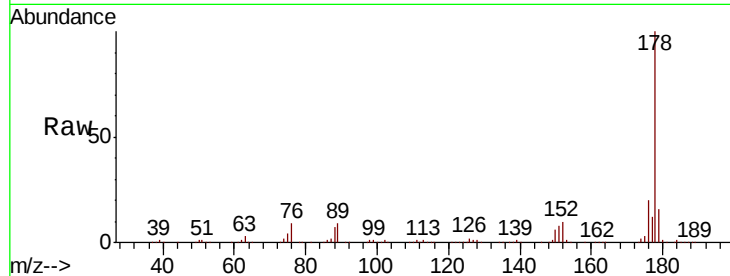
Tot Ion:178 Resp: 626686

Ion Ratio Lower Upper

178 100

176 20.2 16.5 24.7

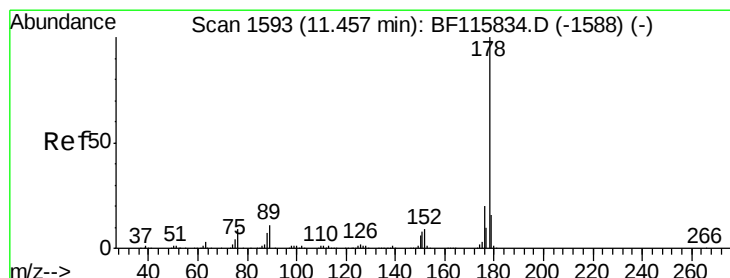
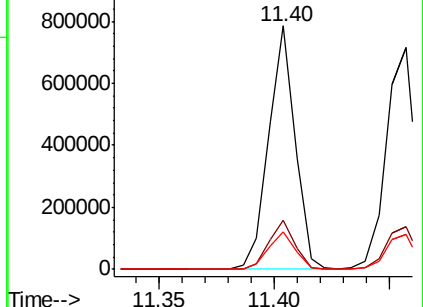
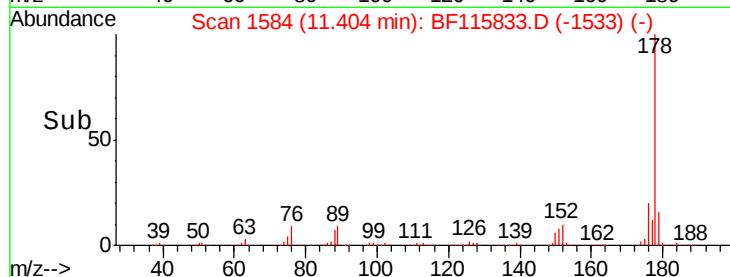
179 15.5 13.0 19.4



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 21.927 ng

RT: 11.46 min Scan# 1593

Delta R.T. 0.00 min

Lab File: BF115833.D

Acq: 29 Jul 2019 11:05

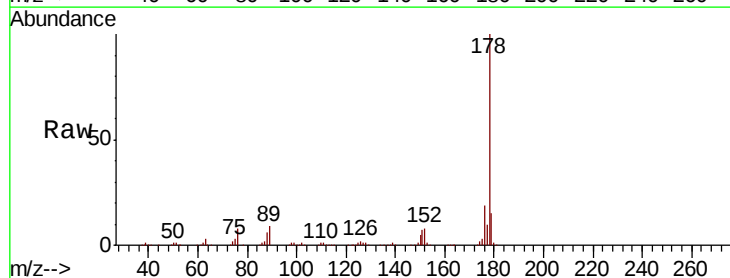
Tgt Ion:178 Resp: 637292

Ion Ratio Lower Upper

178 100

176 19.4 16.2 24.2

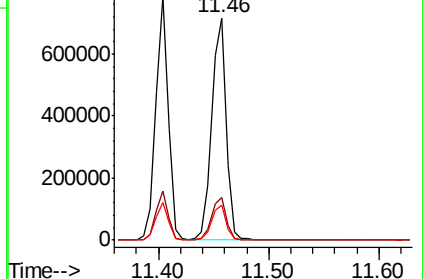
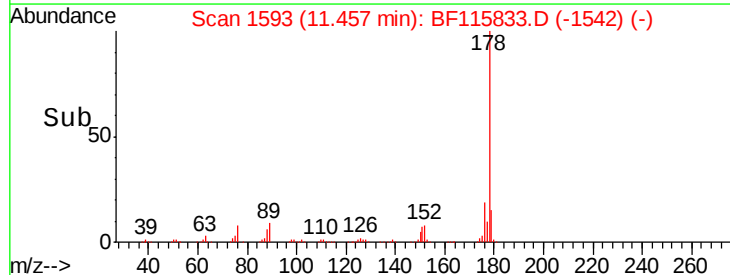
179 15.5 13.0 19.4

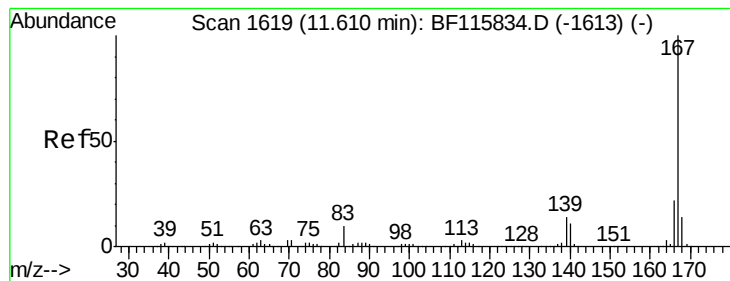


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#73

Carbazole

Concen: 23.307 ng

RT: 11.61 min Scan# 1619

Delta R.T. 0.00 min

Lab File: BF115833.D

Acq: 29 Jul 2019 11:05

Instrument :

BNA_F

ClientSampleId :

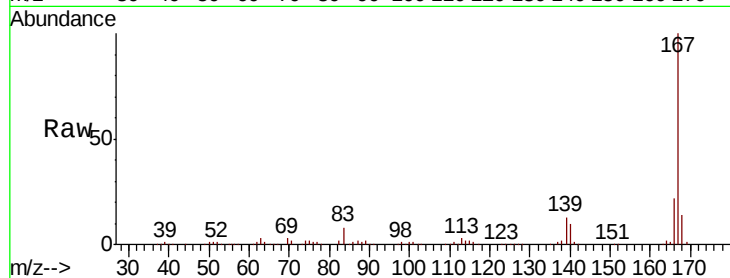
Tot Ion:167 Resp: 594032

Ion Ratio Lower Upper

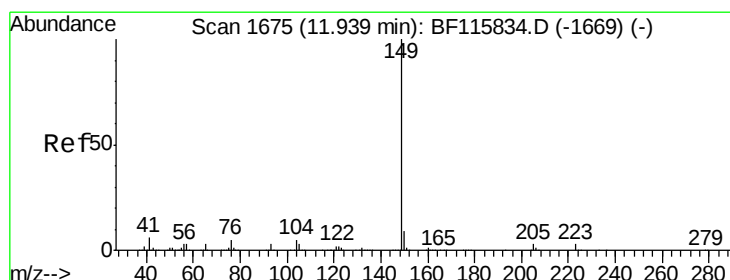
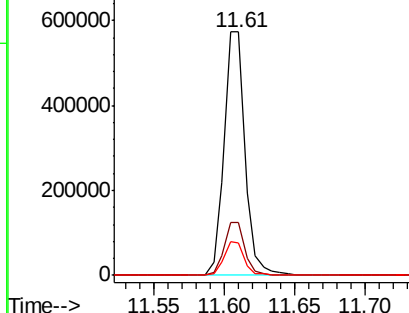
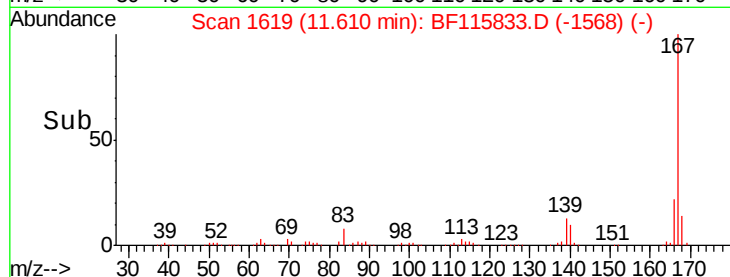
167 100

166 21.8 17.7 26.5

139 13.2 11.0 16.6



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



#74

Di-n-butylphthalate

Concen: 20.309 ng

RT: 11.93 min Scan# 1674

Delta R.T. -0.01 min

Lab File: BF115833.D

Acq: 29 Jul 2019 11:05

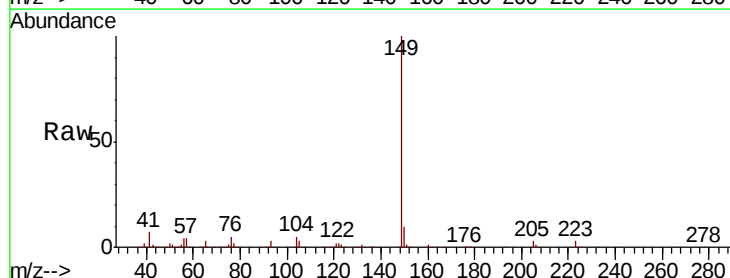
Tgt Ion:149 Resp: 637584

Ion Ratio Lower Upper

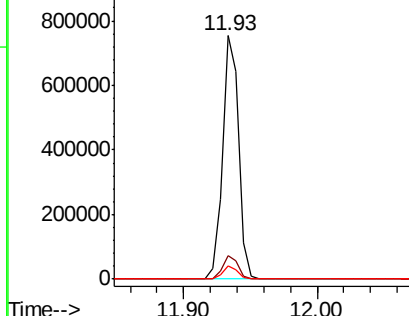
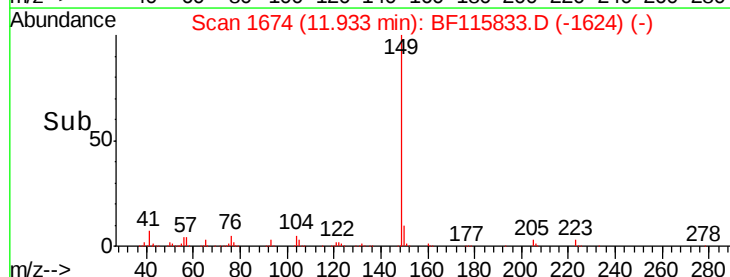
149 100

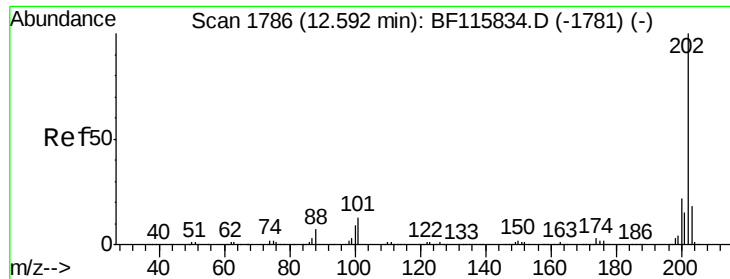
150 9.6 7.5 11.3

104 5.3 3.9 5.9



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

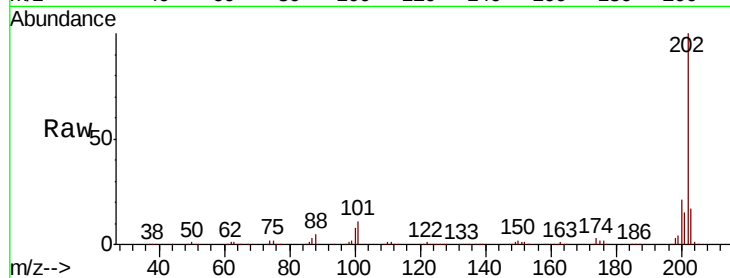




#75
 Fluoranthene
 Concen: 22.623 ng
 RT: 12.59 min Scan# 1786
 Delta R.T. 0.00 min
 Lab File: BF115833.D
 Acq: 29 Jul 2019 11:05

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
202	100		
101	10.8	0.0	32.8
203	17.4	0.0	37.9

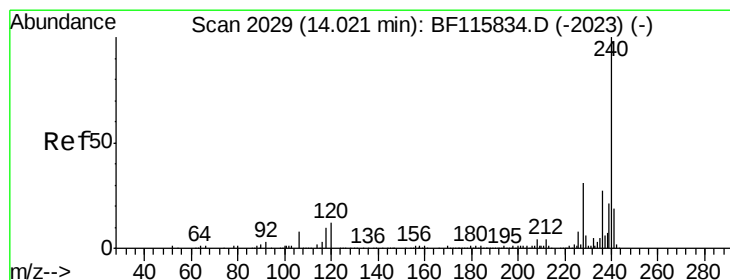
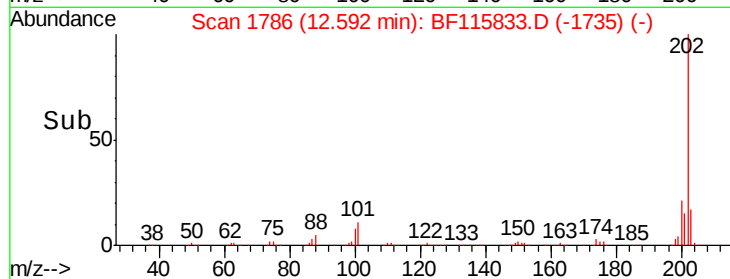
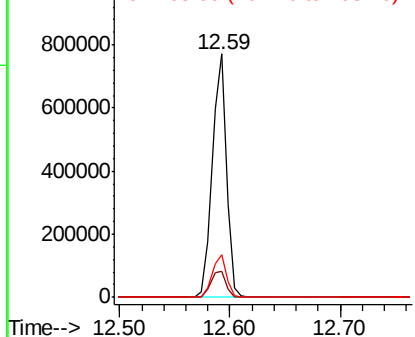


Abundance

Ion 202.00 (201.70 to 202.70): E

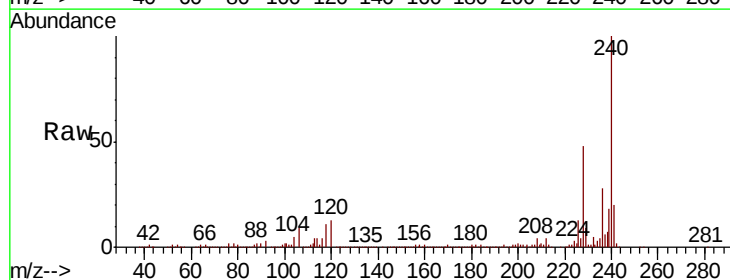
Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.02 min Scan# 2028
 Delta R.T. -0.01 min
 Lab File: BF115833.D
 Acq: 29 Jul 2019 11:05

Tgt Ion	Ratio	Lower	Upper
240	100		
120	13.0	9.3	13.9
236	27.9	21.6	32.4

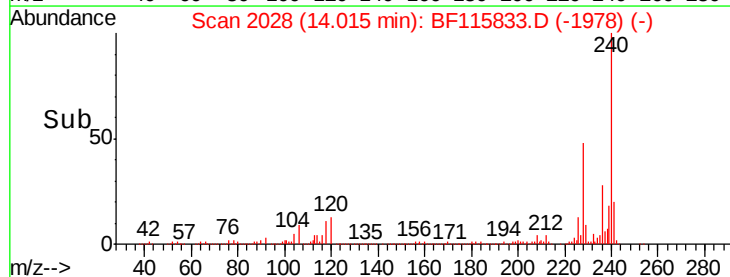
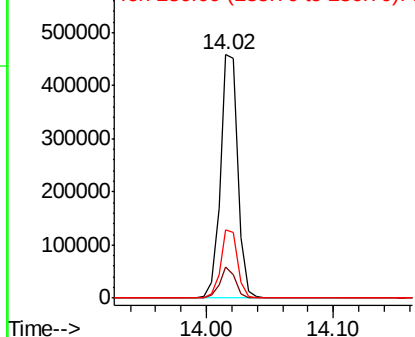


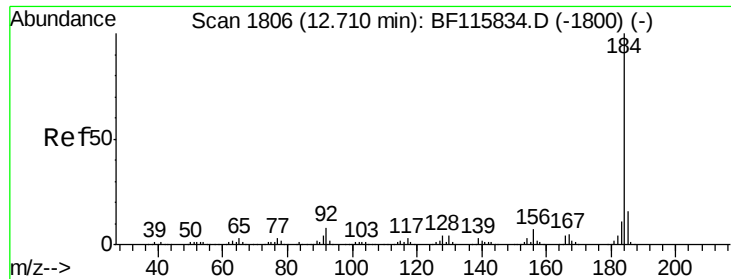
Abundance

Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 20.788 ng

RT: 12.71 min Scan# 1806

Delta R.T. 0.00 min

Lab File: BF115833.D

Acq: 29 Jul 2019 11:05

Instrument :

BNA_F

ClientSampleId :

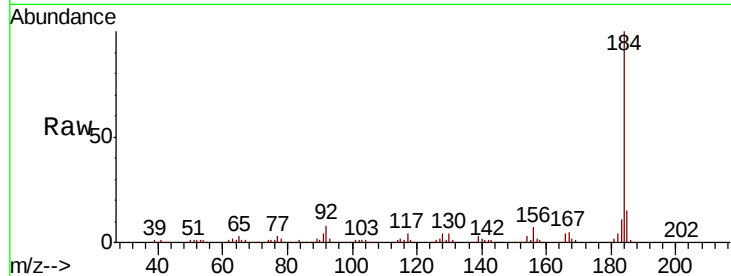
Tot Ion:184 Resp: 324072

Ion	Ratio	Lower	Upper
184	100		
185	14.8	12.7	19.1
183	11.5	9.0	13.6

184 100

185 14.8 12.7 19.1

183 11.5 9.0 13.6

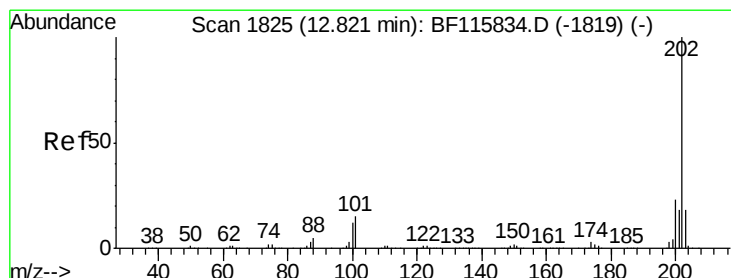
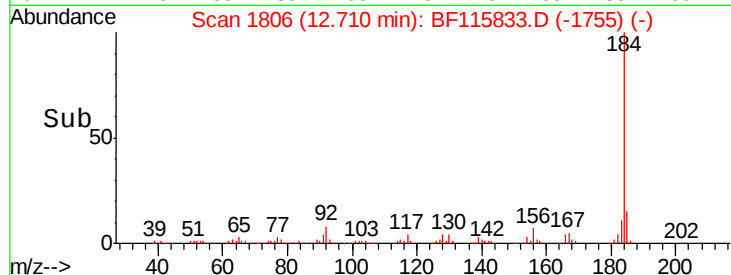
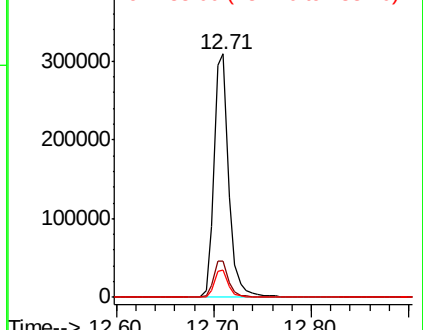


Abundance

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: 18.863 ng

RT: 12.82 min Scan# 1825

Delta R.T. 0.00 min

Lab File: BF115833.D

Acq: 29 Jul 2019 11:05

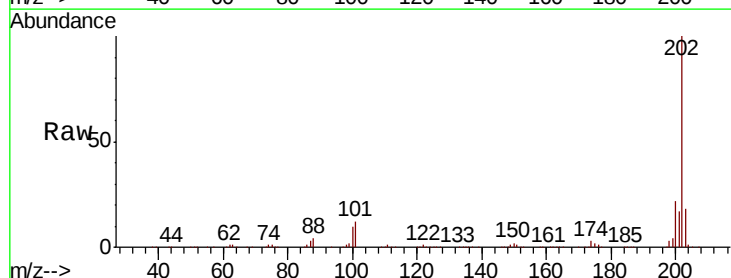
Tgt Ion:202 Resp: 703291

Ion	Ratio	Lower	Upper
202	100		
200	21.9	18.3	27.5
203	17.6	14.6	21.8

202 100

200 21.9 18.3 27.5

203 17.6 14.6 21.8

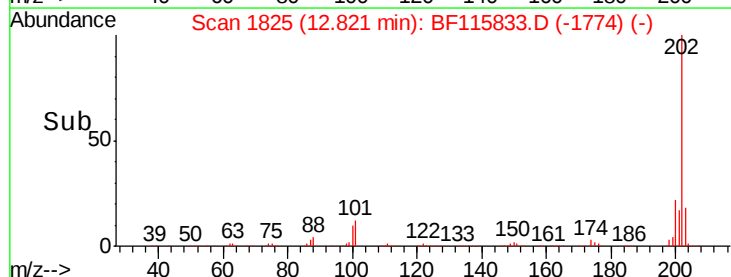
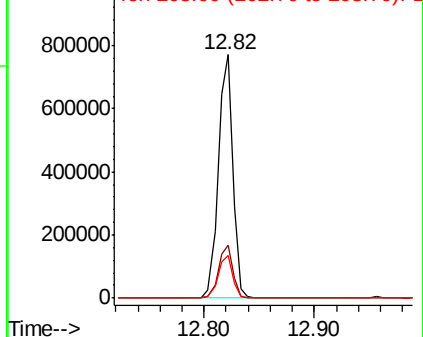


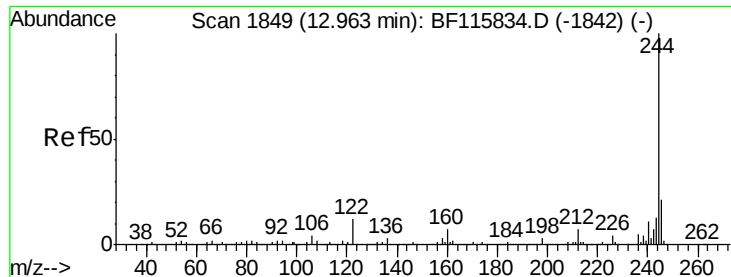
Abundance

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

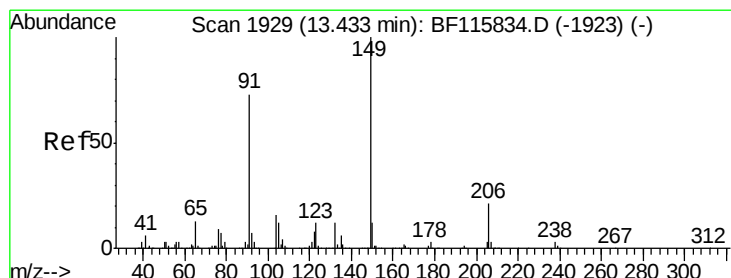
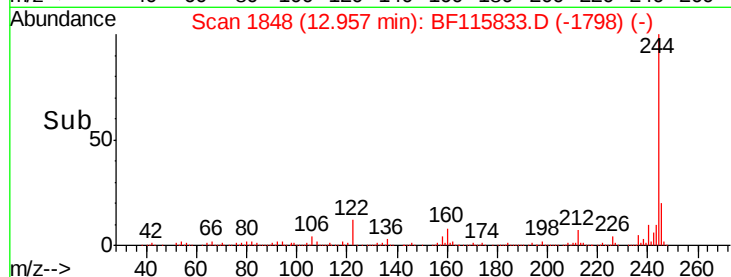
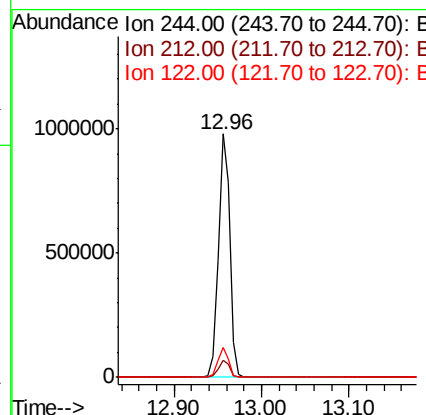
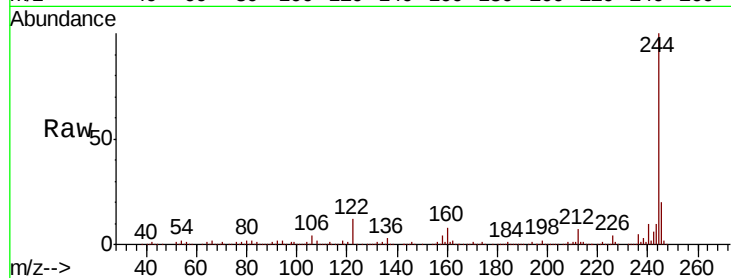




#79
 Terphenyl-d14
 Concen: 36.950 ng
 RT: 12.96 min Scan# 1848
 Delta R.T. -0.01 min
 Lab File: BF115833.D
 Acq: 29 Jul 2019 11:05

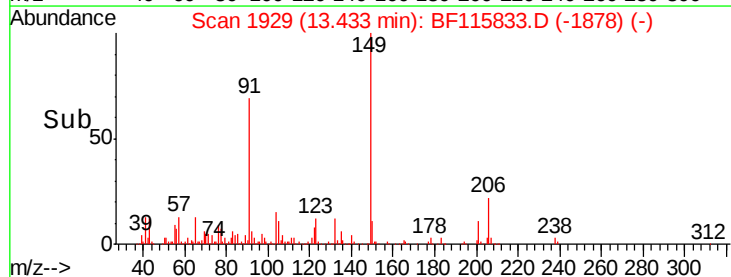
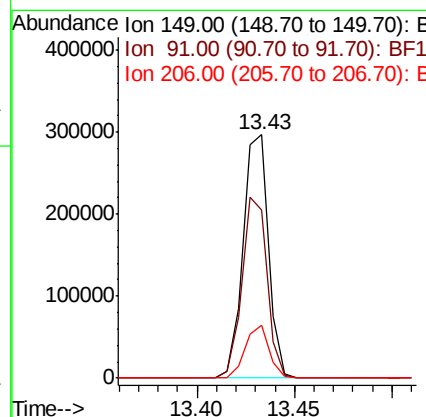
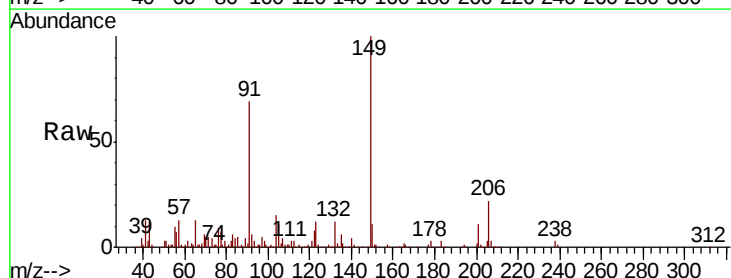
Instrument :
 BNA_F
 ClientSampled :

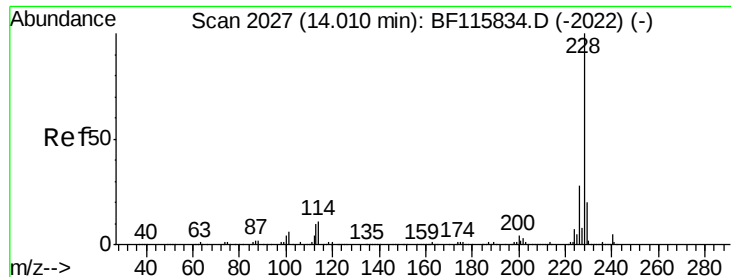
Tot Ion:244 Resp: 881238
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.8 8.8
 122 12.3 9.4 14.2



#80
 Butylbenzylphthalate
 Concen: 16.853 ng
 RT: 13.43 min Scan# 1929
 Delta R.T. 0.00 min
 Lab File: BF115833.D
 Acq: 29 Jul 2019 11:05

Tgt Ion:149 Resp: 267864
 Ion Ratio Lower Upper
 149 100
 91 69.0 58.2 87.4
 206 21.9 16.9 25.3





#81

Benzo(a)anthracene

Concen: 21.630 ng

RT: 14.00 min Scan# 2026

Delta R.T. -0.01 min

Lab File: BF115833.D

Acq: 29 Jul 2019 11:05

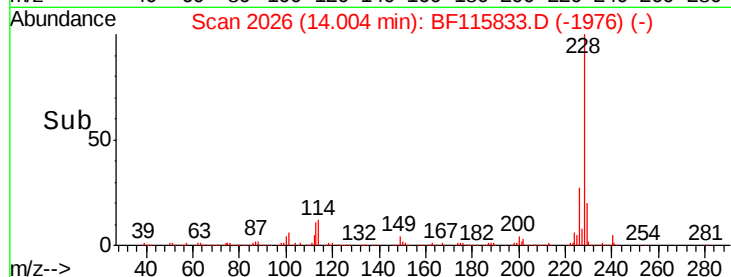
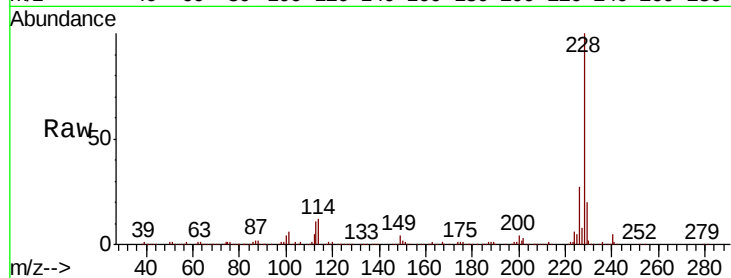
Instrument :

BNA_F

ClientSampled :

Tot Ion:228 Resp: 627097

Ion	Ratio	Lower	Upper
228	100		
226	27.0	22.3	33.5
229	19.7	16.3	24.5

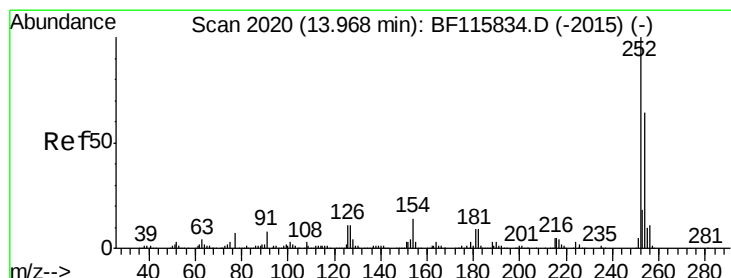
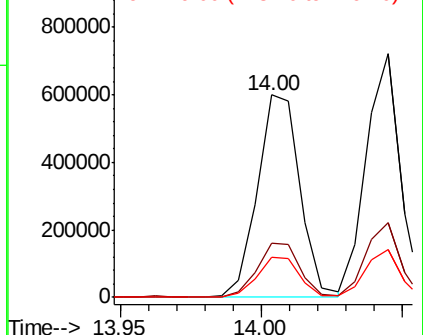


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 21.808 ng

RT: 13.96 min Scan# 2019

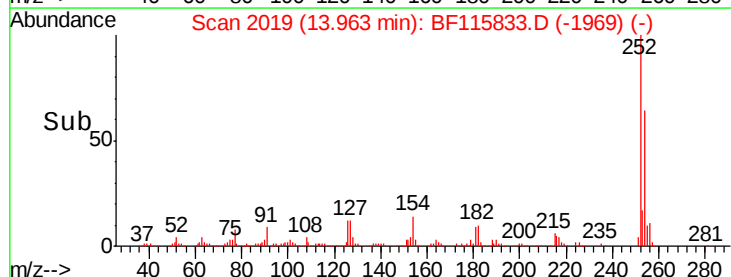
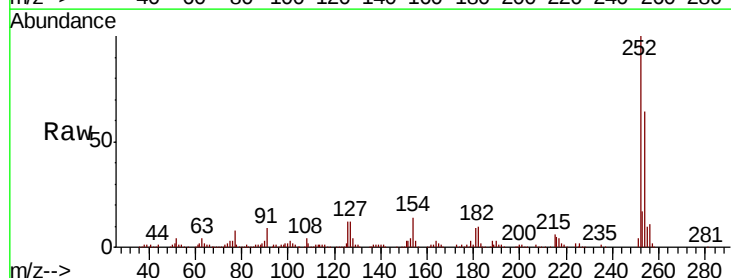
Delta R.T. -0.01 min

Lab File: BF115833.D

Acq: 29 Jul 2019 11:05

Tgt Ion:252 Resp: 224763

Ion	Ratio	Lower	Upper
252	100		
254	64.4	51.1	76.7
126	11.9	9.1	13.7

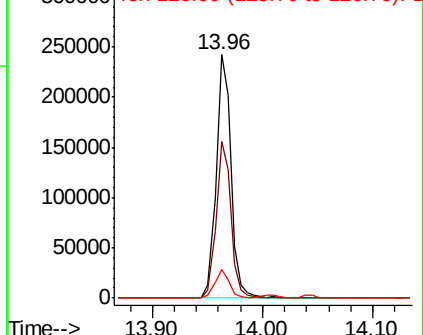


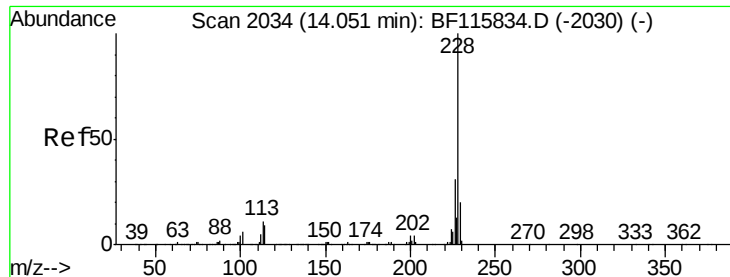
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 20.800 ng

RT: 14.04 min Scan# 2033

Delta R.T. -0.01 min

Lab File: BF115833.D

Acq: 29 Jul 2019 11:05

Instrument :

BNA_F

ClientSampleId :

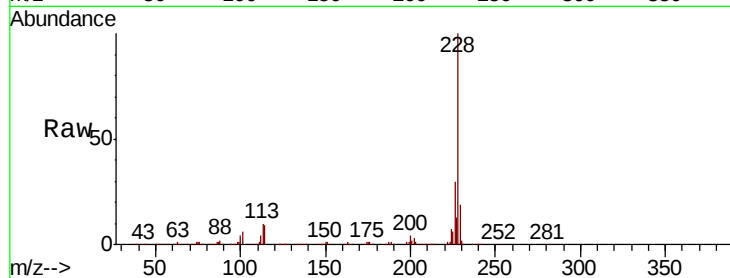
Tot Ion:228 Resp: 605356

Ion Ratio Lower Upper

228 100

226 30.4 24.9 37.3

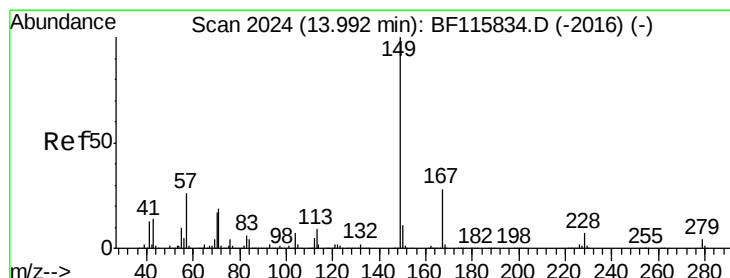
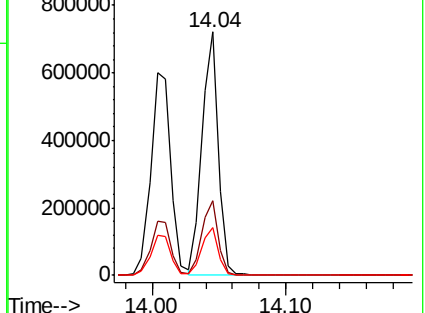
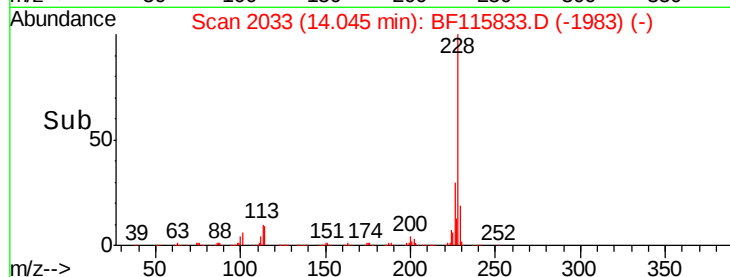
229 19.5 16.0 24.0



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: 18.274 ng

RT: 13.99 min Scan# 2024

Delta R.T. 0.00 min

Lab File: BF115833.D

Acq: 29 Jul 2019 11:05

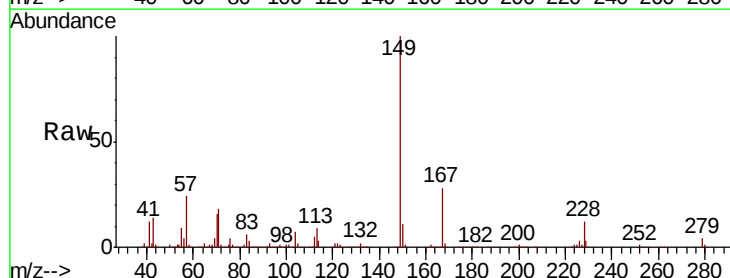
Tgt Ion:149 Resp: 359766

Ion Ratio Lower Upper

149 100

167 28.1 22.2 33.4

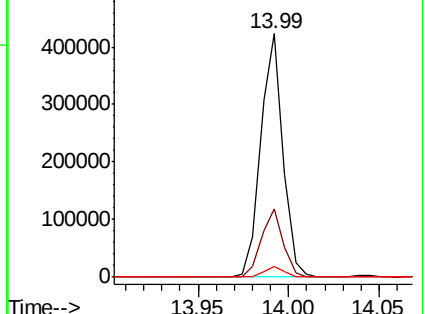
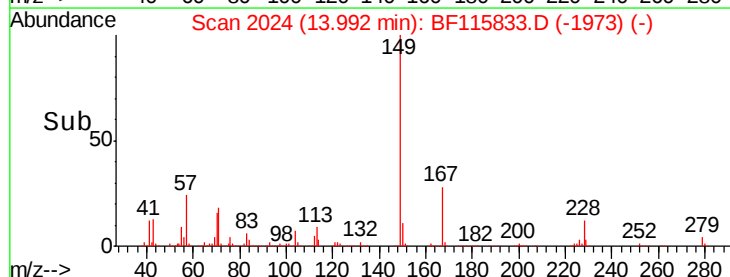
279 4.1 3.1 4.7

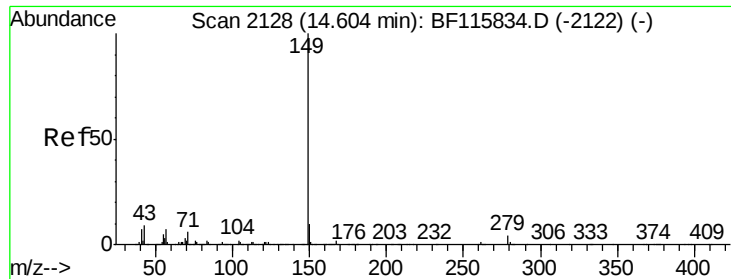


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 19.358 ng

RT: 14.60 min Scan# 2127

Delta R.T. -0.01 min

Lab File: BF115833.D

Acq: 29 Jul 2019 11:05

Instrument :

BNA_F

ClientSampleId :

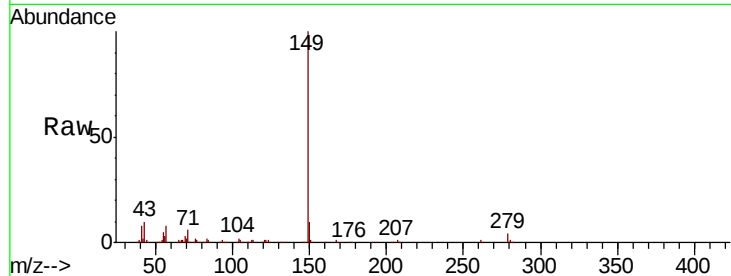
Tot Ion:149 Resp: 606379

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

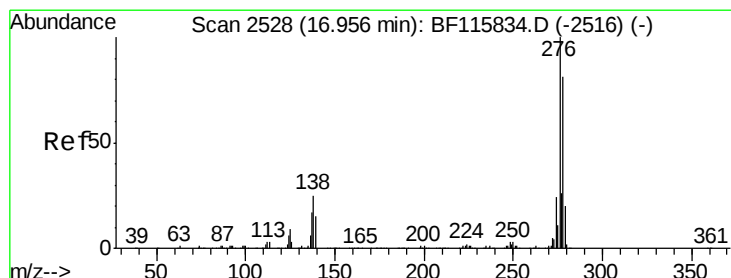
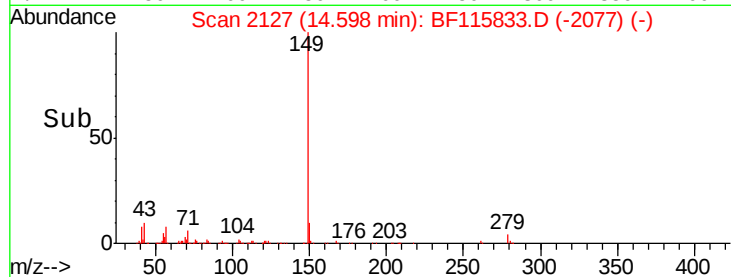
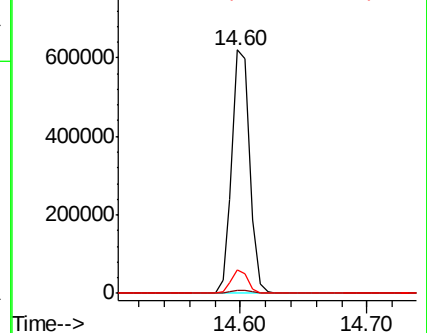
43 9.1 7.4 11.0



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: 23.425 ng

RT: 16.95 min Scan# 2527

Delta R.T. -0.01 min

Lab File: BF115833.D

Acq: 29 Jul 2019 11:05

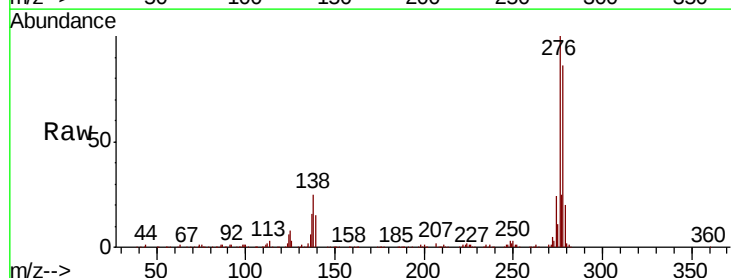
Tgt Ion:276 Resp: 579218

Ion Ratio Lower Upper

276 100

138 24.9 19.8 29.8

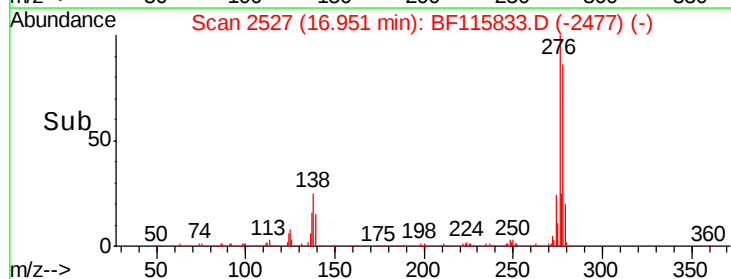
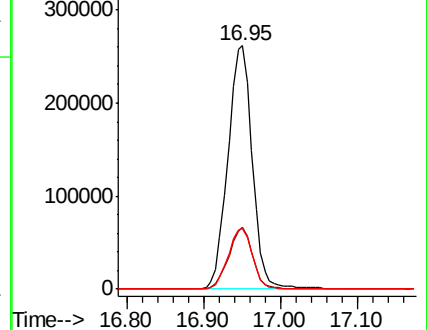
277 25.2 20.3 30.5

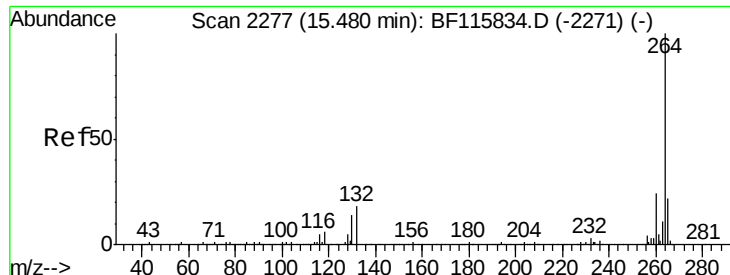


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

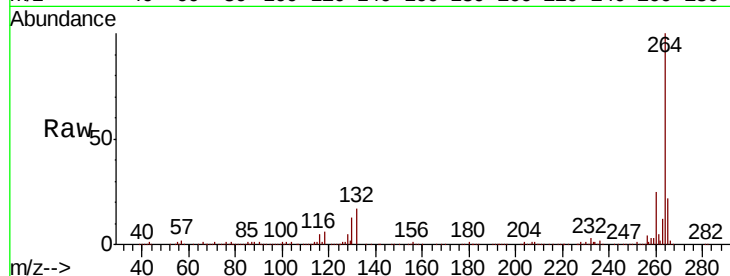




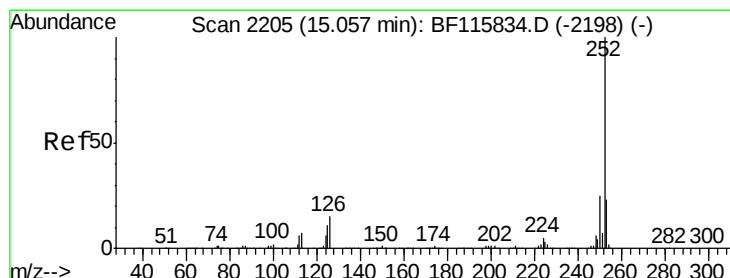
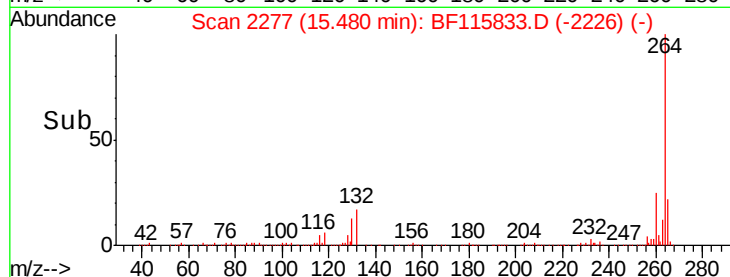
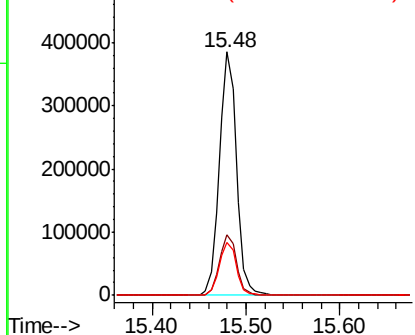
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.48 min Scan# 2277
Delta R.T. 0.00 min
Lab File: BF115833.D
Acq: 29 Jul 2019 11:05

Instrument :
BNA_F
ClientSampled :

Tot Ion:264 Resp: 492161
Ion Ratio Lower Upper
264 100
260 24.7 19.5 29.3
265 21.6 17.6 26.4

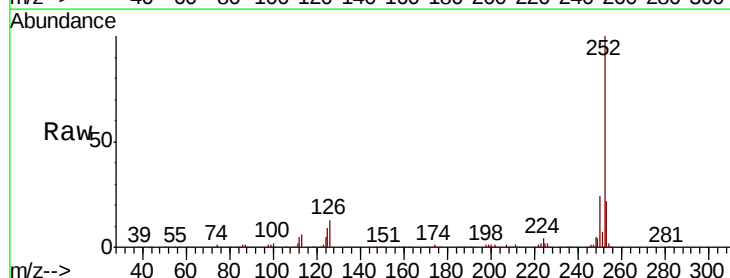


Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

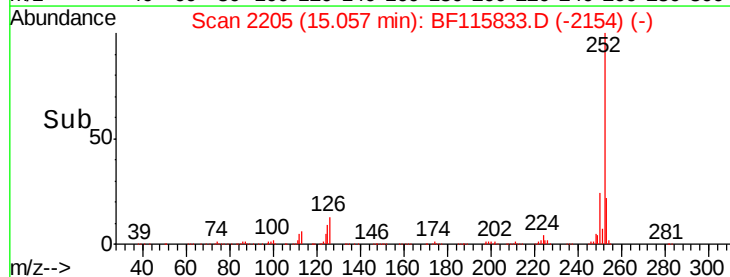
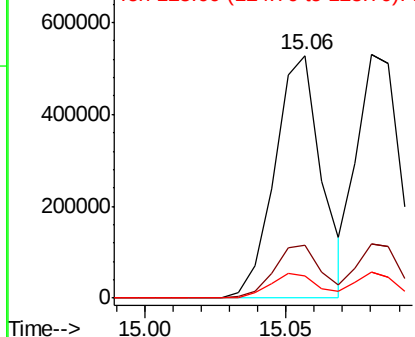


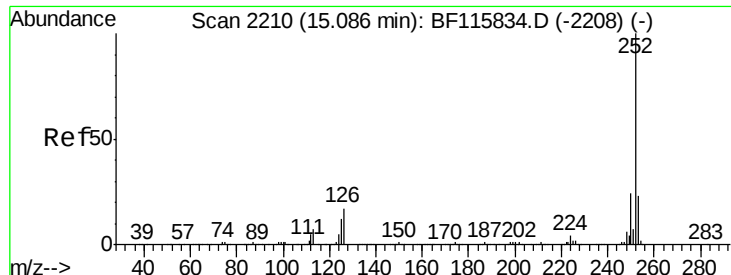
#88
Benzo(b)fluoranthene
Concen: 19.198 ng
RT: 15.06 min Scan# 2205
Delta R.T. 0.00 min
Lab File: BF115833.D
Acq: 29 Jul 2019 11:05

Tgt Ion:252 Resp: 608410
Ion Ratio Lower Upper
252 100
253 21.9 18.0 27.0
125 9.3 9.2 13.8



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

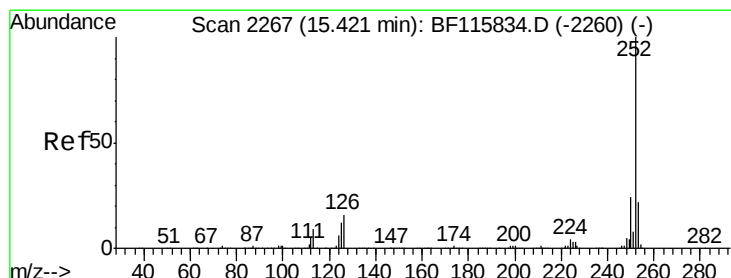
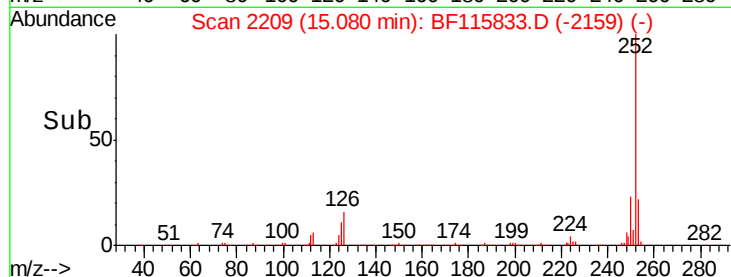
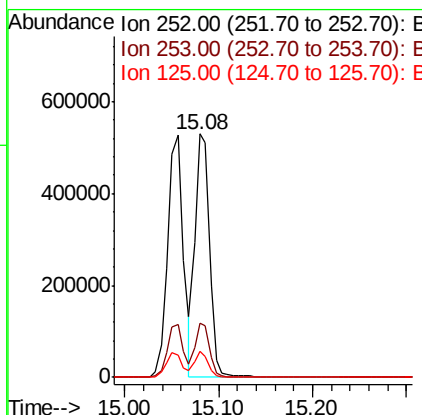
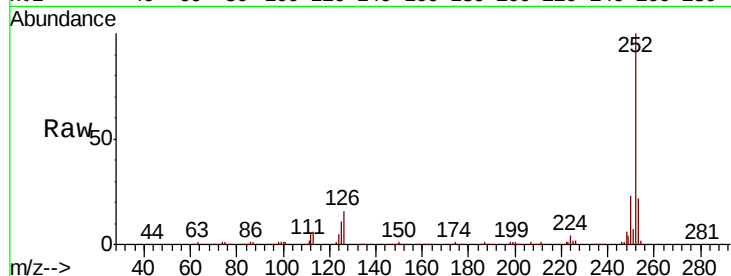




#89
Benzo(k)fluoranthene
Concen: 20.103 ng
RT: 15.08 min Scan# 2209
Delta R.T. -0.01 min
Lab File: BF115833.D
Acq: 29 Jul 2019 11:05

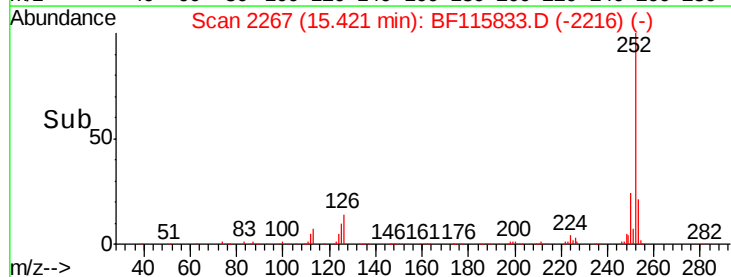
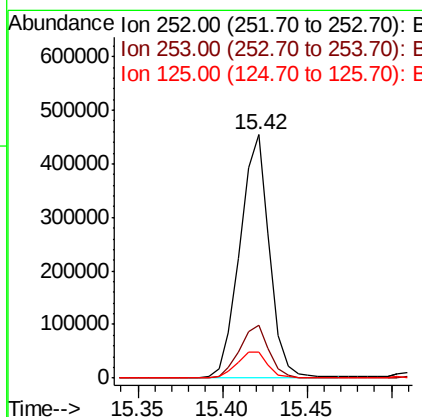
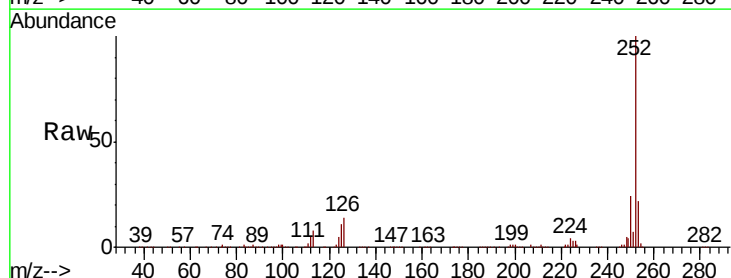
Instrument :
BNA_F
ClientSampleId :

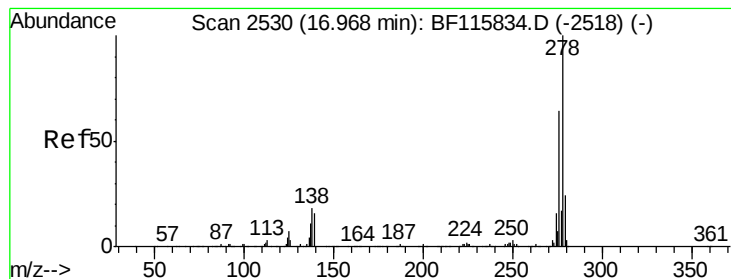
Tot Ion:252 Resp: 568011
Ion Ratio Lower Upper
252 100
253 22.0 18.3 27.5
125 10.8 9.5 14.3



#90
Benzo(a)pyrene
Concen: 20.320 ng
RT: 15.42 min Scan# 2267
Delta R.T. 0.00 min
Lab File: BF115833.D
Acq: 29 Jul 2019 11:05

Tgt Ion:252 Resp: 553486
Ion Ratio Lower Upper
252 100
253 21.5 17.4 26.2
125 10.5 9.6 14.4





#91

Dibenzo(a,h)anthracene

Concen: 20.138 ng

RT: 16.96 min Scan# 2528

Delta R.T. -0.01 min

Lab File: BF115833.D

Acq: 29 Jul 2019 11:05

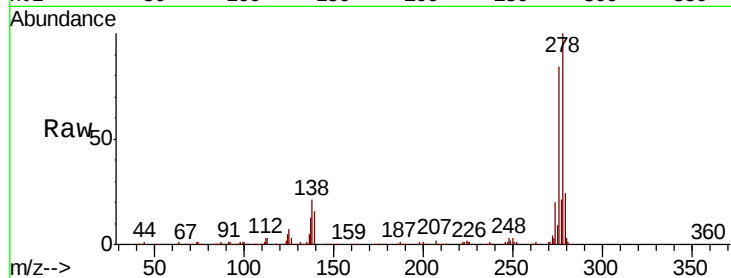
Instrument :

BNA_F

ClientSampleId :

Tot Ion:278 Resp: 481556

Ion	Ratio	Lower	Upper
278	100		
139	16.3	12.9	19.3
279	23.6	19.1	28.7

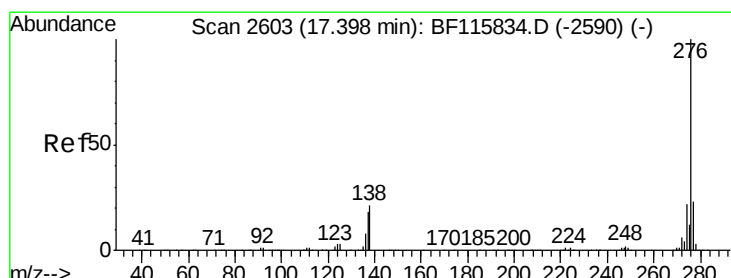
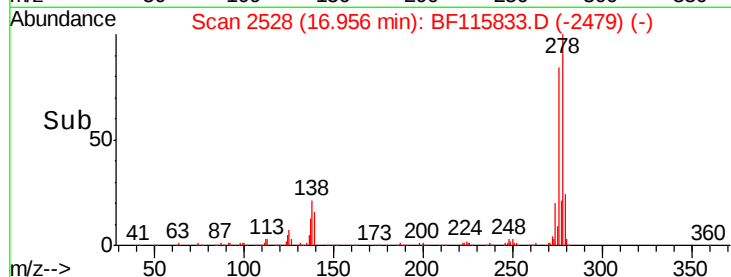
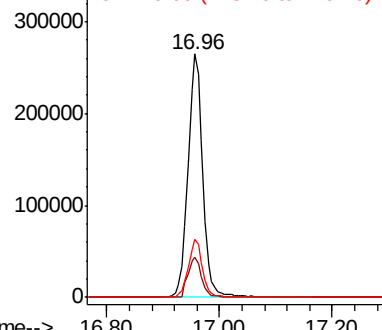


Abundance

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: 19.189 ng

RT: 17.39 min Scan# 2602

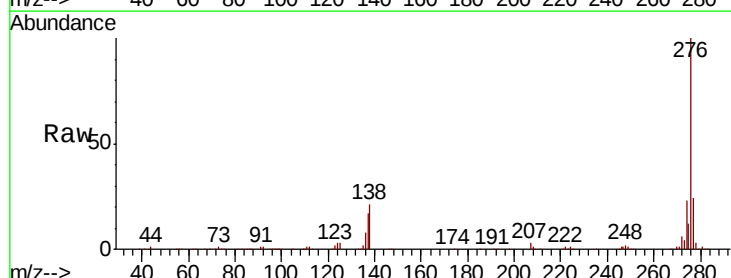
Delta R.T. -0.01 min

Lab File: BF115833.D

Acq: 29 Jul 2019 11:05

Tgt Ion:276 Resp: 457625

Ion	Ratio	Lower	Upper
276	100		
277	23.7	18.7	28.1
138	20.6	16.9	25.3



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

