

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF062919\
 Data File : BF115310.D
 Acq On : 29 Jun 2019 9:14
 Operator : HP/JU
 Sample : PB121004BSD
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB121004BSD

Quant Time: Jun 30 01:40:33 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF062119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 28 05:26:43 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.60	152	202474	20.00	ng	0.00
21) Naphthalene-d8	7.88	136	775887	20.00	ng	0.00
39) Acenaphthene-d10	9.62	164	378051	20.00	ng	0.00
64) Phenanthrene-d10	11.10	188	736298	20.00	ng	0.00
76) Chrysene-d12	13.72	240	523007	20.00	ng	0.00
87) Perylene-d12	15.08	264	637478	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.21	112	1506746	114.84	ng	0.02
7) Phenol-d6	6.25	99	1808377	113.55	ng	0.01
23) Nitrobenzene-d5	7.17	82	1069093	84.76	ng	0.00
42) 2,4,6-Tribromophenol	10.41	330	532418	133.55	ng	0.00
45) 2-Fluorobiphenyl	8.96	172	2040767	91.69	ng	0.00
79) Terphenyl-d14	12.68	244	2150791	87.44	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.25	88	248919	40.198	ng	99
3) Pyridine	2.90	79	640486	36.698	ng	98
4) n-Nitrosodimethylamine	2.84	42	253846	37.101	ng	96
6) Aniline	6.26	93	614054	28.055	ng	# 22
8) 2-Chlorophenol	6.38	128	622045	42.163	ng	98
9) Benzaldehyde	6.14	77	352972	33.973	ng	95
10) Phenol	6.26	94	712946	38.219	ng	89
11) bis(2-Chloroethyl)ether	6.34	93	557360	40.533	ng	99
12) 1,3-Dichlorobenzene	6.54	146	672529	41.074	ng	98
13) 1,4-Dichlorobenzene	6.62	146	683618	41.636	ng	98
14) 1,2-Dichlorobenzene	6.77	146	635537	41.798	ng	99
15) Benzyl Alcohol	6.75	79	434687	37.485	ng	98
16) 2,2'-oxybis(1-Chloropropan	6.88	45	781798	39.200	ng	95
17) 2-Methylphenol	6.87	107	521626	42.834	ng	99
18) Hexachloroethane	7.11	117	243684	41.167	ng	99
19) n-Nitroso-di-n-propylamine	7.02	70	387688	38.025	ng	99
20) 3+4-Methylphenols	7.02	107	606301	43.118	ng	# 84
22) Acetophenone	7.01	105	814563	45.858	ng	# 96
24) Nitrobenzene	7.18	77	619991	44.618	ng	96
25) Isophorone	7.42	82	1108427	42.899	ng	100
26) 2-Nitrophenol	7.50	139	342659	49.935	ng	96
27) 2,4-Dimethylphenol	7.55	122	569006	50.644	ng	99
28) bis(2-Chloroethoxy)methane	7.64	93	708114	43.361	ng	99
29) 2,4-Dichlorophenol	7.74	162	530782	45.778	ng	98
30) 1,2,4-Trichlorobenzene	7.82	180	575891	44.966	ng	99
31) Naphthalene	7.90	128	1766754	46.388	ng	99
32) Benzoic acid	7.68	122	375486	46.819	ng	98
33) 4-Chloroaniline	7.95	127	454038	26.085	ng	98
34) Hexachlorobutadiene	8.03	225	316512	45.097	ng	99
35) Caprolactam	8.32	113	104384	26.777	ng	99
36) 4-Chloro-3-methylphenol	8.44	107	525247	44.731	ng	98
37) 2-Methylnaphthalene	8.60	142	1186033	46.185	ng	99
38) 1-Methylnaphthalene	8.69	142	1110300	45.270	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.76	216	509580	47.700	ng	99

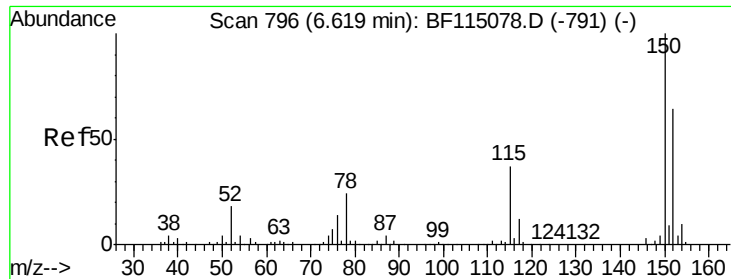
Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF062919\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.75	237	618825	97.689	ng	100
43) 2,4,6-Trichlorophenol	8.87	196	379795	46.049	ng	99
44) 2,4,5-Trichlorophenol	8.91	196	403520	47.509	ng	97
46) 1,1'-Biphenyl	9.06	154	1387475	45.868	ng	98
47) 2-Chloronaphthalene	9.08	162	1100538	44.852	ng	98
48) 2-Nitroaniline	9.17	65	313389	43.809	ng	94
49) Acenaphthylene	9.49	152	1728482	45.213	ng	99
50) Dimethylphthalate	9.37	163	1238450	44.526	ng	99
51) 2,6-Dinitrotoluene	9.42	165	295296	45.986	ng	92
52) Acenaphthene	9.66	154	1010199	42.229	ng	98
53) 3-Nitroaniline	9.58	138	221418	28.256	ng	99
54) 2,4-Dinitrophenol	9.69	184	317428	94.592	ng	92
55) Dibenzofuran	9.84	168	1511868	44.033	ng	99
56) 4-Nitrophenol	9.75	139	530419	84.431	ng	95
57) 2,4-Dinitrotoluene	9.82	165	384185	46.336	ng	95
58) Fluorene	10.17	166	1080471	47.654	ng	97
59) 2,3,4,6-Tetrachlorophenol	9.95	232	340212	47.769	ng	98
60) Diethylphthalate	10.06	149	1213881	43.417	ng	99
61) 4-Chlorophenyl-phenylether	10.17	204	523357	48.742	ng	99
62) 4-Nitroaniline	10.19	138	329256	41.883	ng	99
63) Azobenzene	10.33	77	1140994	43.692	ng	98
65) 4,6-Dinitro-2-methylphenol	10.22	198	200598	50.872	ng	85
66) n-Nitrosodiphenylamine	10.29	169	1026787	44.761	ng	100
67) 4-Bromophenyl-phenylether	10.65	248	358099	44.858	ng	98
68) Hexachlorobenzene	10.72	284	393952	45.465	ng	95
69) Atrazine	10.82	200	328474	44.514	ng	99
70) Pentachlorophenol	10.91	266	481381	87.203	ng	96
71) Phenanthrene	11.12	178	1697304	42.814	ng	99
72) Anthracene	11.18	178	1758733	43.949	ng	99
73) Carbazole	11.33	167	1570583	43.952	ng	100
74) Di-n-butylphthalate	11.68	149	1819236	44.057	ng	100
75) Fluoranthene	12.31	202	1756040	44.396	ng	97
77) Benzidine	12.43	184	880790	37.927	ng	99
78) Pyrene	12.53	202	1789346	44.518	ng	99
80) Butylbenzylphthalate	13.16	149	804452	45.353	ng	97
81) Benzo(a)anthracene	13.71	228	1641670	43.746	ng	100
82) 3,3'-Dichlorobenzidine	13.68	252	463397	34.194	ng	99
83) Chrysene	13.75	228	1559164	45.356	ng	100
84) Bis(2-ethylhexyl)phthalate	13.73	149	1047312	45.061	ng	99
85) Di-n-octyl phthalate	14.34	149	1812224	46.407	ng	99
86) Indeno(1,2,3-cd)pyrene	16.35	276	1930587	47.461	ng	99
88) Benzo(b)fluoranthene	14.71	252	1728653	43.459	ng	100
89) Benzo(k)fluoranthene	14.74	252	1557223	43.655	ng	97
90) Benzo(a)pyrene	15.03	252	1648486	45.981	ng	99
91) Dibenzo(a,h)anthracene	16.37	278	1580927	47.235	ng	99
92) Benzo(g,h,i)perylene	16.74	276	1636130	48.299	ng	99

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

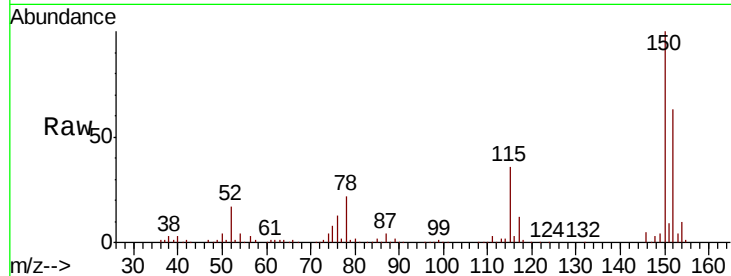


#1

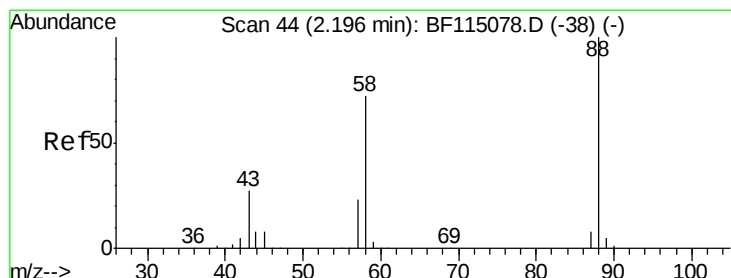
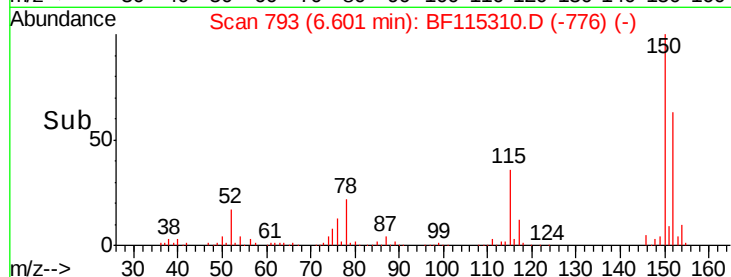
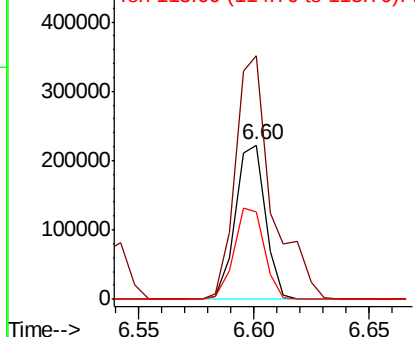
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.60 min Scan# 793
Delta R.T. 0.00 min
Lab File: BF115310.D
Acq: 29 Jun 2019 9:14

Instrument :
BNA_F
ClientSampleId :
PB121004BSD

Tgt Ion: 152 Resp: 202474
Ion Ratio Lower Upper
152 100
150 157.6 124.2 186.2
115 56.4 46.1 69.1



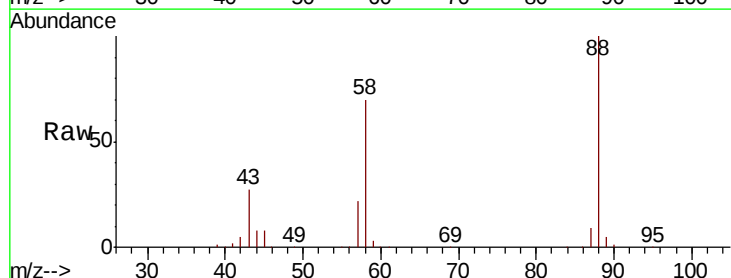
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



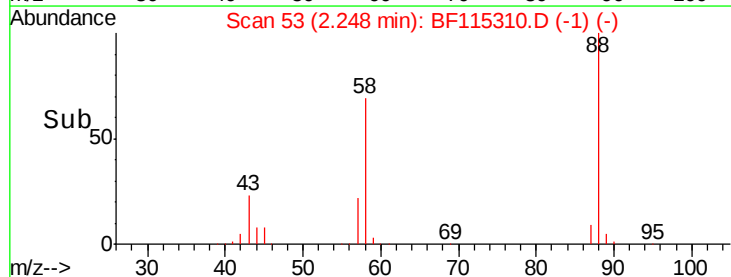
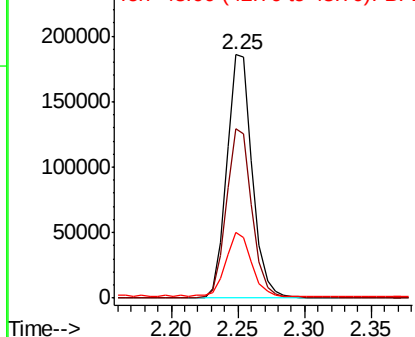
#2

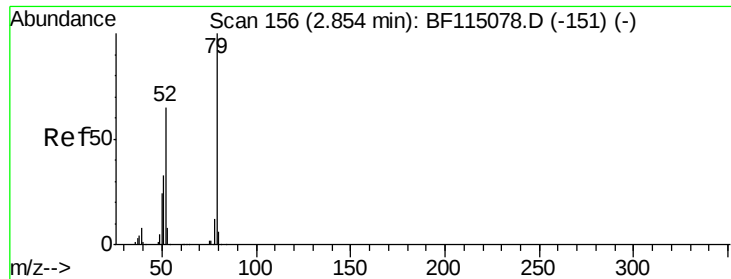
1,4-Dioxane
Concen: 40.198 ng
RT: 2.25 min Scan# 53
Delta R.T. 0.09 min
Lab File: BF115310.D
Acq: 29 Jun 2019 9:14

Tgt Ion: 88 Resp: 248919
Ion Ratio Lower Upper
88 100
58 69.5 56.1 84.1
43 26.4 21.3 31.9



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

Pyridine

Concen: 36.698 ng

RT: 2.90 min Scan# 163

Delta R.T. 0.09 min

Lab File: BF115310.D

Acq: 29 Jun 2019 9:14

Instrument :

BNA_F

ClientSampleId :

PB121004BSD

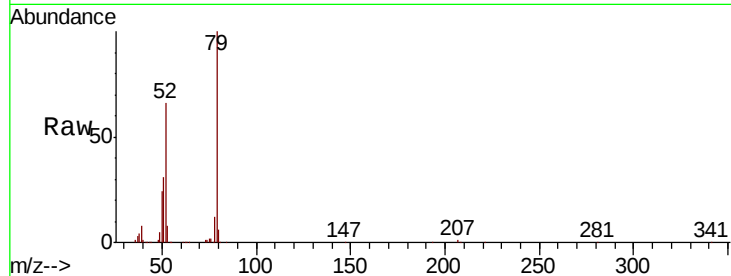
Tgt Ion: 79 Resp: 640486

Ion Ratio Lower Upper

79 100

52 66.2 52.3 78.5

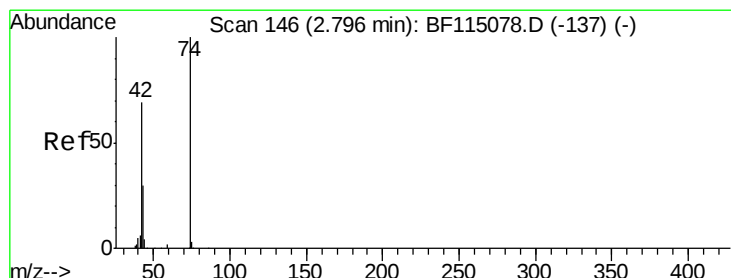
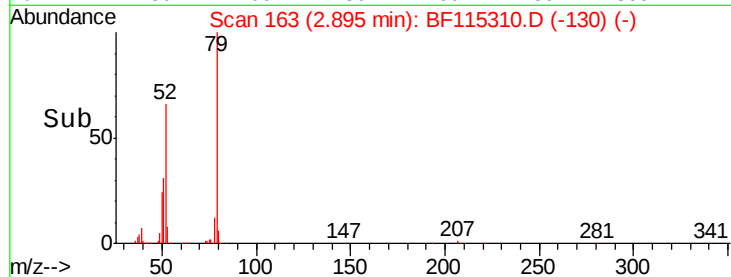
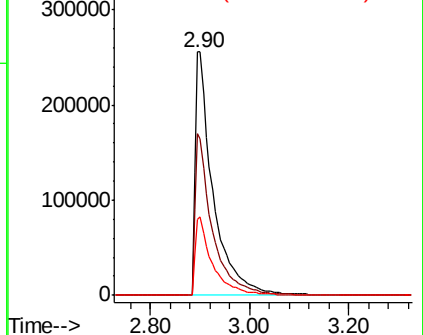
51 31.2 26.1 39.1



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 52.00 (51.70 to 52.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 37.101 ng

RT: 2.84 min Scan# 154

Delta R.T. 0.09 min

Lab File: BF115310.D

Acq: 29 Jun 2019 9:14

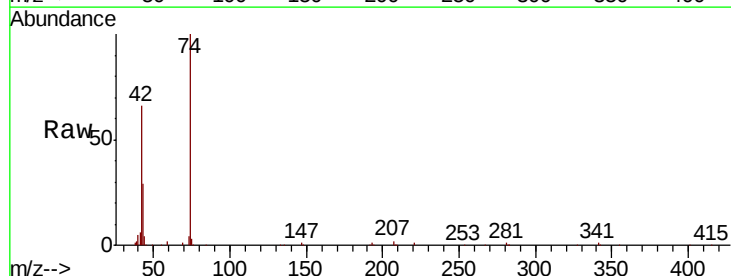
Tgt Ion: 42 Resp: 253846

Ion Ratio Lower Upper

42 100

74 151.3 116.6 175.0

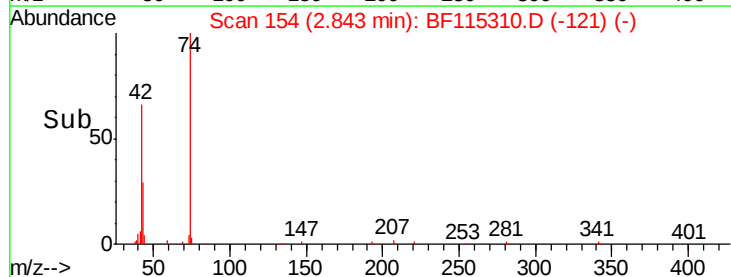
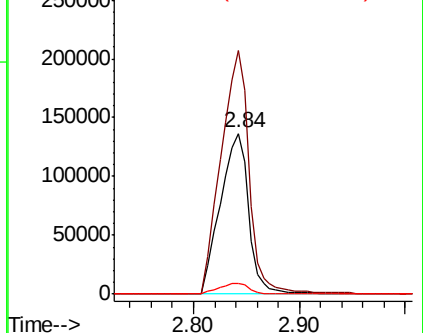
44 6.7 5.3 7.9

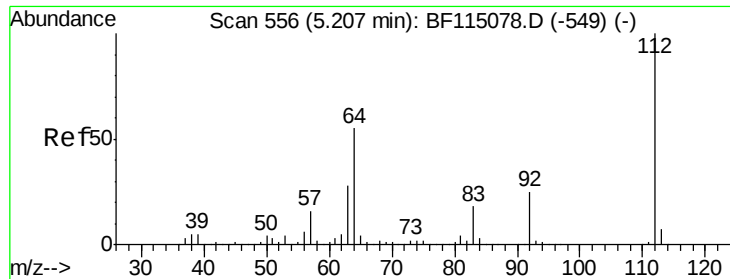


Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 114.838 ng

RT: 5.21 min Scan# 556

Delta R.T. 0.02 min

Lab File: BF115310.D

Acq: 29 Jun 2019 9:14

Instrument :

BNA_F

ClientSampleId :

PB121004BSD

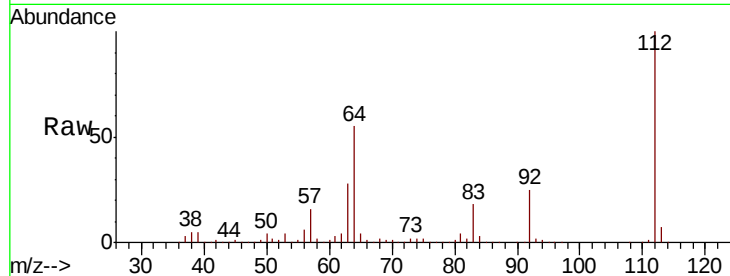
Tgt Ion: 112 Resp: 1506746

Ion Ratio Lower Upper

112 100

64 54.6 43.8 65.6

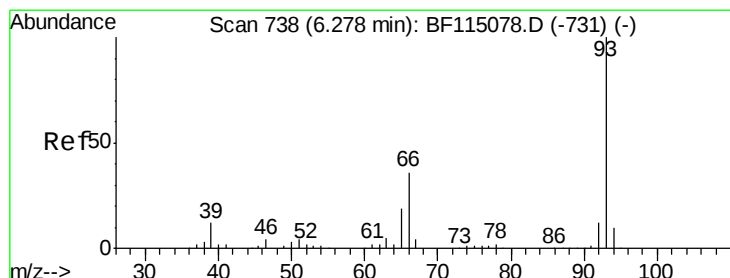
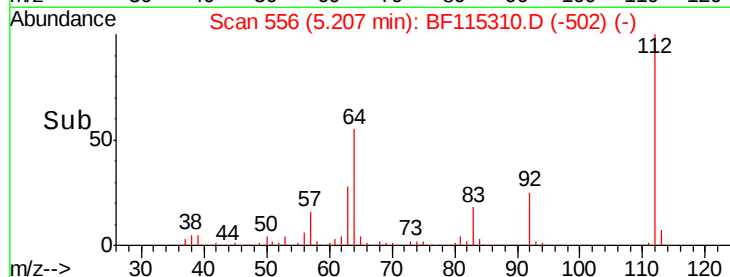
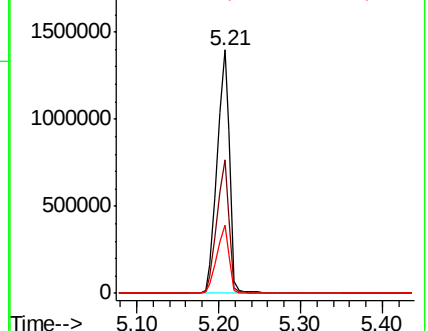
63 28.3 22.2 33.4



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 28.055 ng

RT: 6.26 min Scan# 735

Delta R.T. 0.00 min

Lab File: BF115310.D

Acq: 29 Jun 2019 9:14

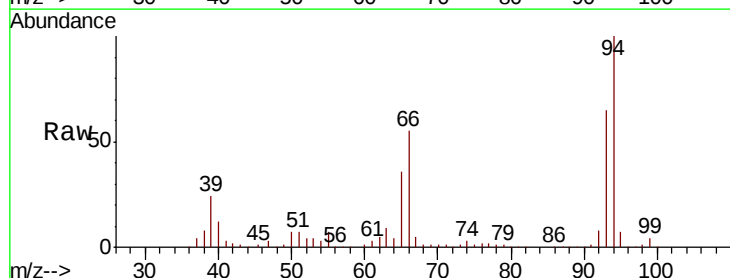
Tgt Ion: 93 Resp: 614054

Ion Ratio Lower Upper

93 100

66 84.0 30.0 45.0#

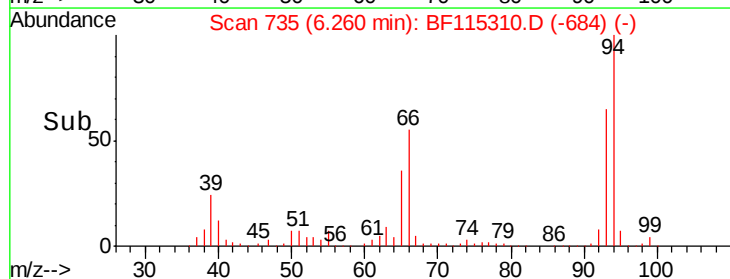
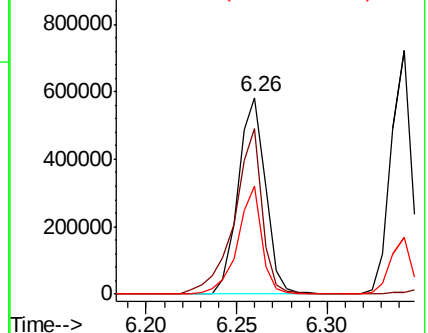
65 55.0 15.6 23.4#

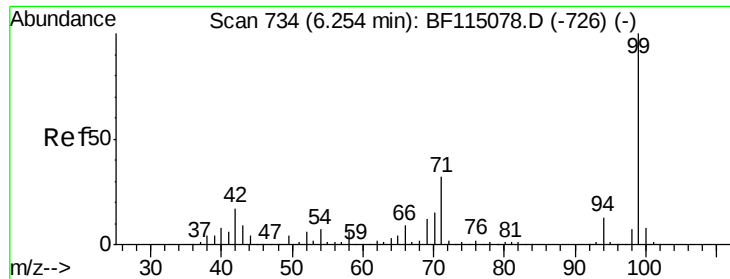


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 113.554 ng

RT: 6.25 min Scan# 733

Delta R.T. 0.01 min

Lab File: BF115310.D

Acq: 29 Jun 2019 9:14

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BNA_F

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PB121004BSD

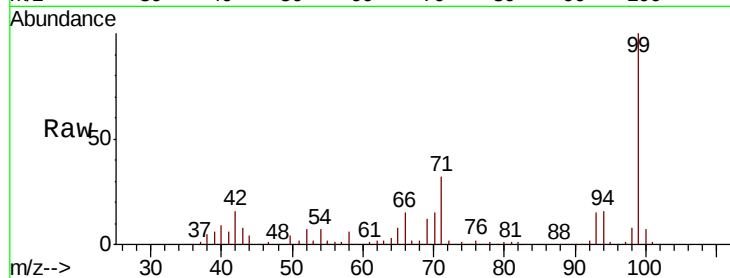
Tgt Ion: 99 Resp: 1808377

Ion Ratio Lower Upper

99 100

42 16.3 13.6 20.4

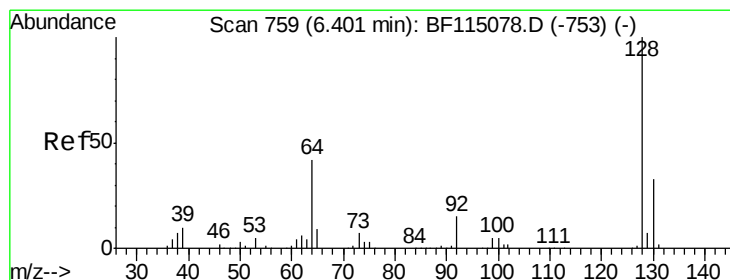
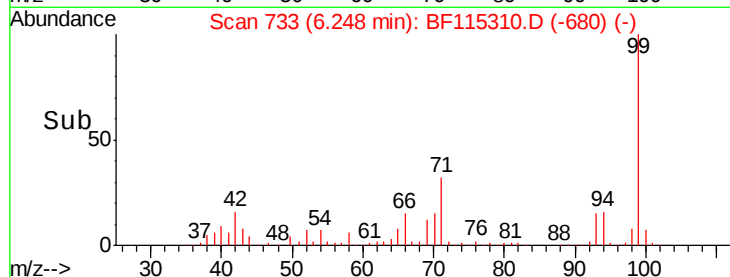
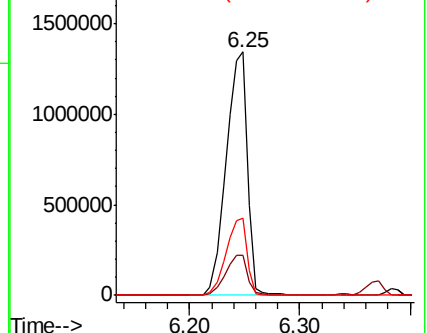
71 31.7 25.5 38.3



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: 42.163 ng

RT: 6.38 min Scan# 756

Delta R.T. 0.00 min

Lab File: BF115310.D

Acq: 29 Jun 2019 9:14

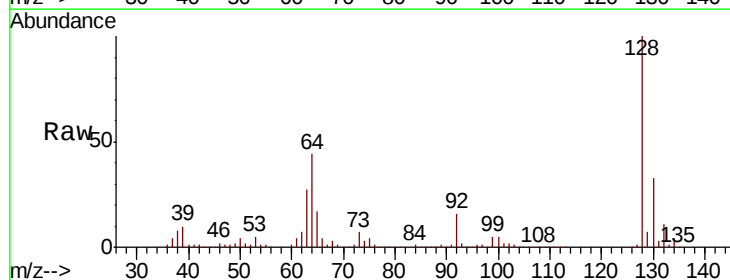
Tgt Ion: 128 Resp: 622045

Ion Ratio Lower Upper

128 100

130 32.5 12.9 52.9

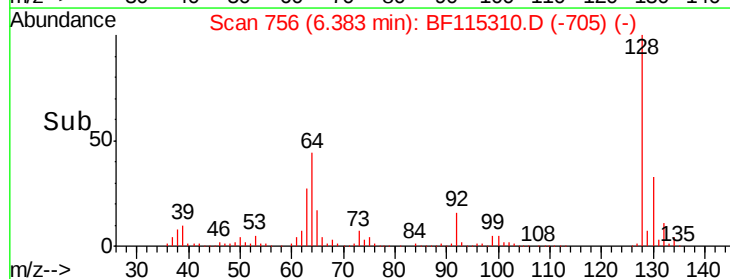
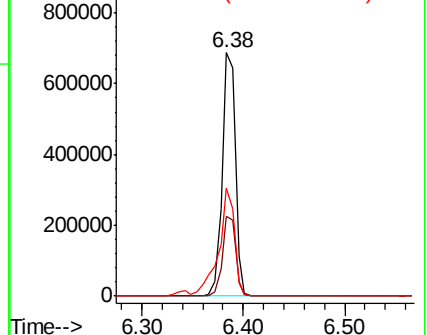
64 44.4 22.9 62.9

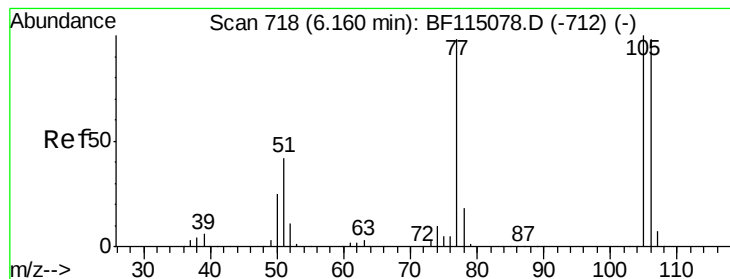


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 33.973 ng

RT: 6.14 min Scan# 715

Delta R.T. 0.00 min

Lab File: BF115310.D

Acq: 29 Jun 2019 9:14

Instrument :

BNA_F

ClientSampleId :

PB121004BSD

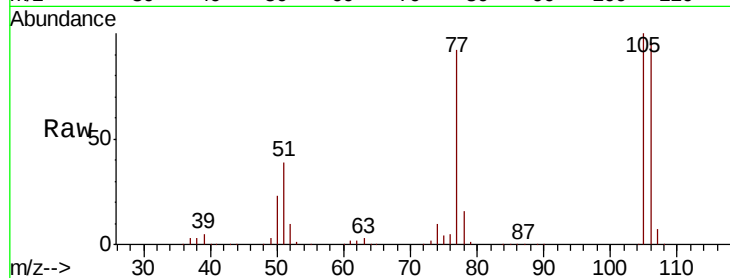
Tgt Ion: 77 Resp: 352972

Ion Ratio Lower Upper

77 100

105 108.2 81.5 121.5

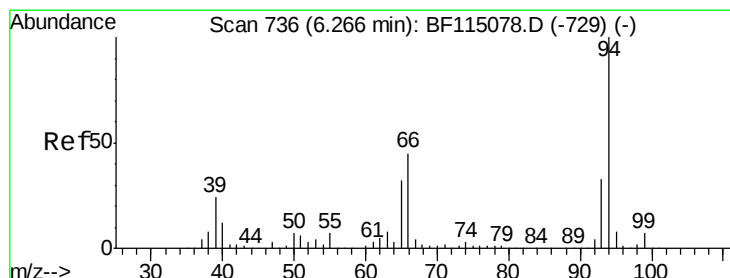
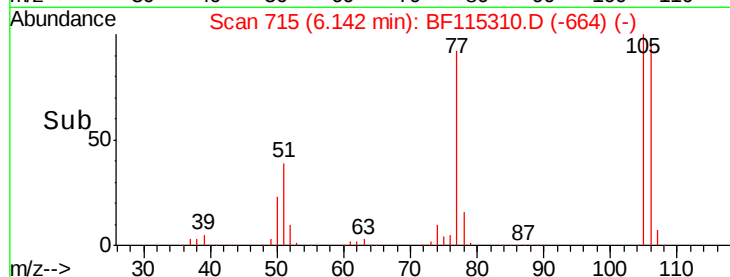
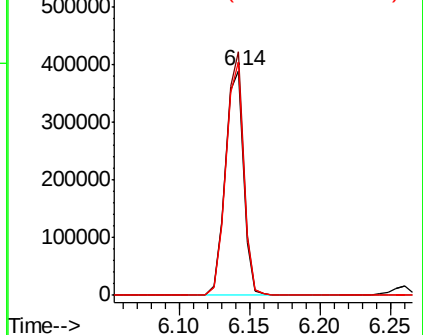
106 103.7 79.7 119.7



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E



#10

Phenol

Concen: 38.219 ng

RT: 6.26 min Scan# 735

Delta R.T. 0.01 min

Lab File: BF115310.D

Acq: 29 Jun 2019 9:14

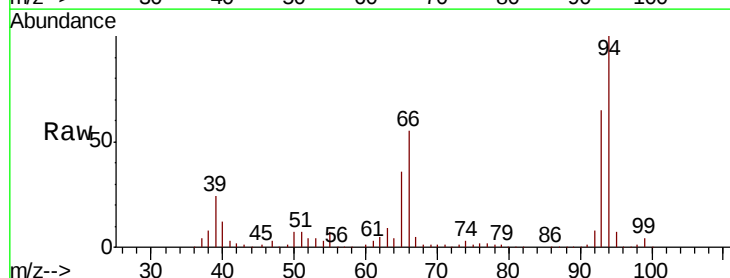
Tgt Ion: 94 Resp: 712946

Ion Ratio Lower Upper

94 100

65 35.8 11.9 51.9

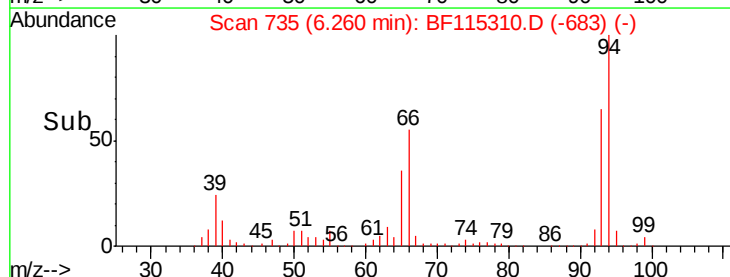
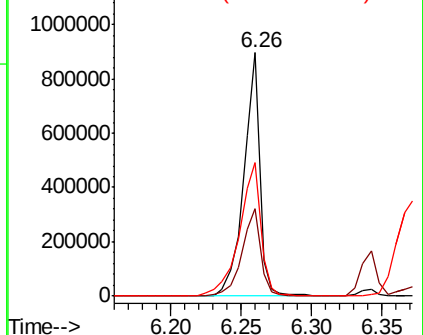
66 54.6 25.2 65.2

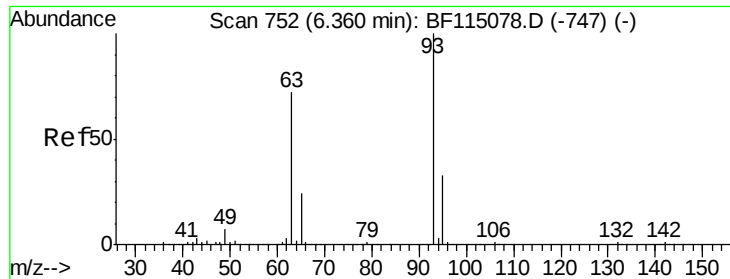


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

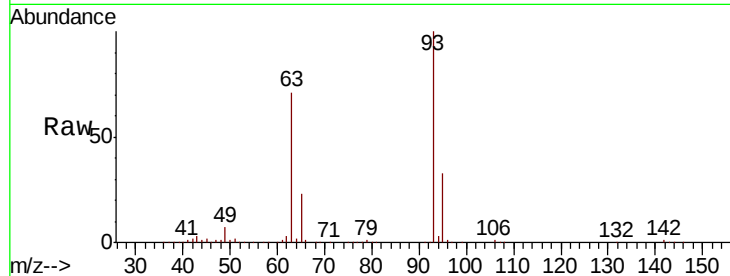




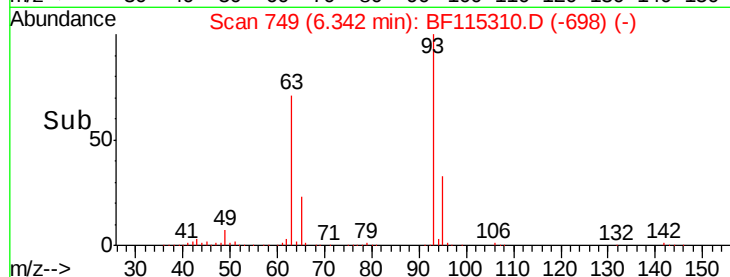
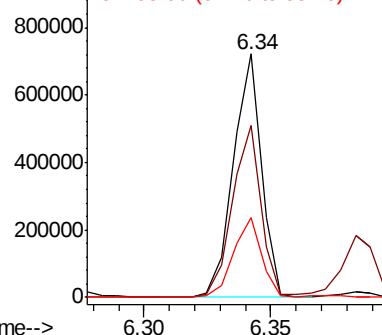
#11
 bis(2-Chloroethyl)ether
 Concen: 40.533 ng
 RT: 6.34 min Scan# 749
 Delta R.T. 0.00 min
 Lab File: BF115310.D
 Acq: 29 Jun 2019 9:14

Instrument :
 BNA_F
 ClientSampleId :
 PB121004BSD

Tgt Ion:	93	Resp:	557360
Ion	Ratio	Lower	Upper
93	100		
63	70.5	51.5	91.5
95	32.8	13.4	53.4

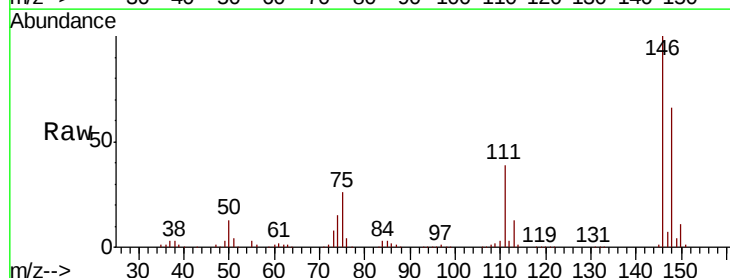


Abundance Ion 93.00 (92.70 to 93.70): BF1
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 95.00 (94.70 to 95.70): BF1

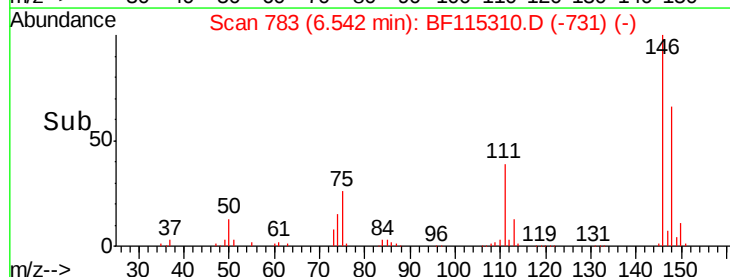
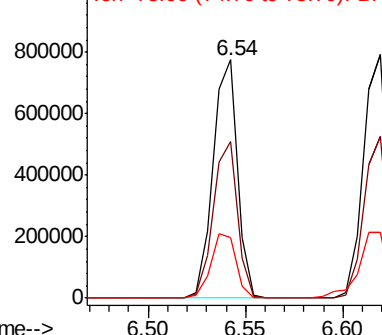


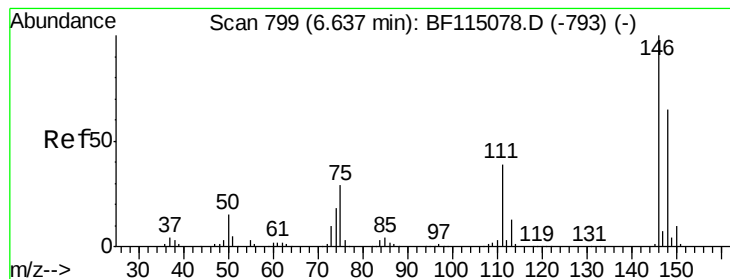
#12
 1,3-Dichlorobenzene
 Concen: 41.074 ng
 RT: 6.54 min Scan# 783
 Delta R.T. 0.01 min
 Lab File: BF115310.D
 Acq: 29 Jun 2019 9:14

Tgt Ion:	146	Resp:	672529
Ion	Ratio	Lower	Upper
146	100		
148	65.5	52.6	78.8
75	25.6	22.6	34.0



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: 41.636 ng

RT: 6.62 min Scan# 796

Delta R.T. 0.00 min

Lab File: BF115310.D

Acq: 29 Jun 2019 9:14

Instrument :

BNA_F

ClientSampleId :

PB121004BSD

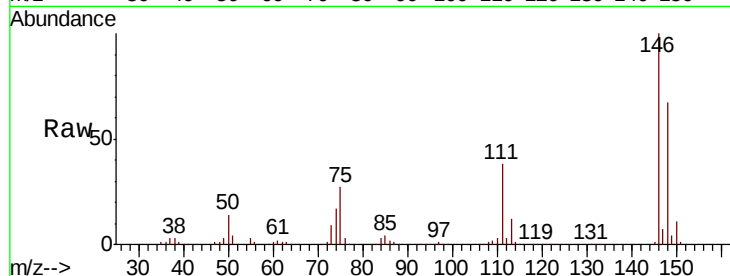
Tgt Ion:146 Resp: 683618

Ion Ratio Lower Upper

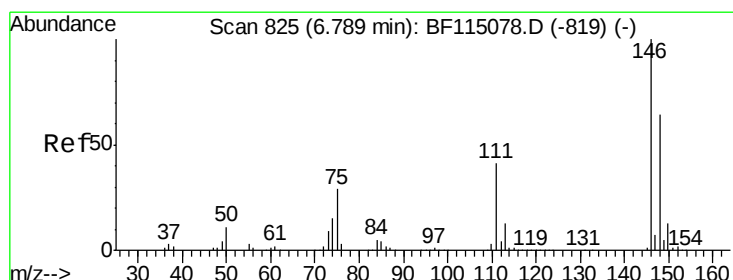
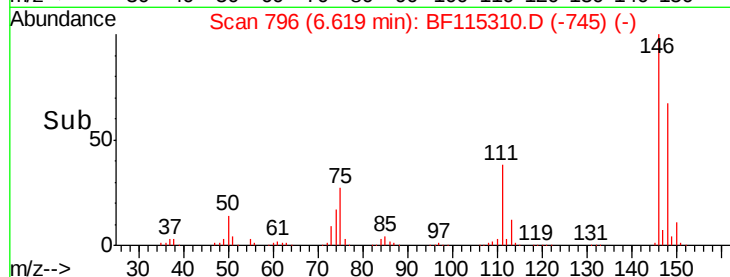
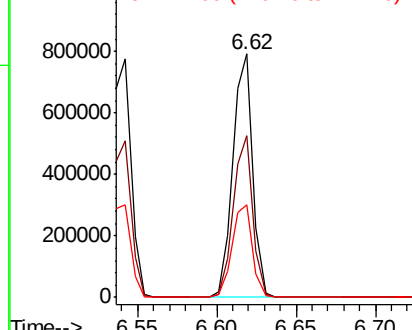
146 100

148 66.5 51.9 77.9

111 38.3 31.4 47.0



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: 41.798 ng

RT: 6.77 min Scan# 822

Delta R.T. 0.00 min

Lab File: BF115310.D

Acq: 29 Jun 2019 9:14

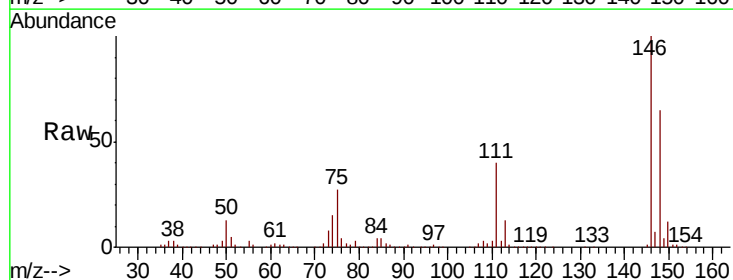
Tgt Ion:146 Resp: 635537

Ion Ratio Lower Upper

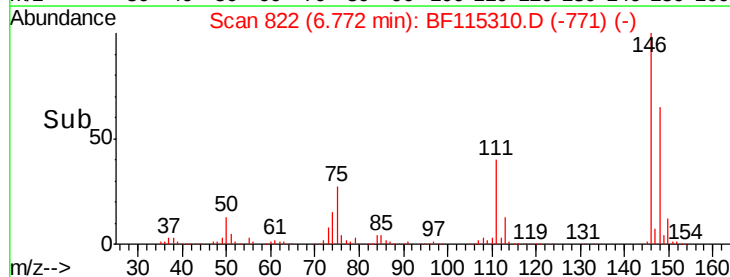
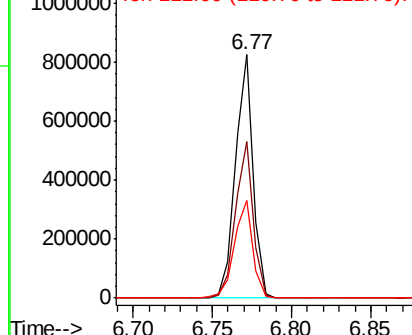
146 100

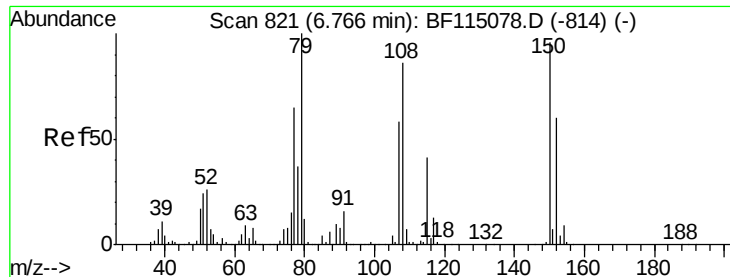
148 64.5 51.1 76.7

111 40.3 33.2 49.8



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: 37.485 ng

RT: 6.75 min Scan# 818

Delta R.T. 0.00 min

Lab File: BF115310.D

Acq: 29 Jun 2019 9:14

Instrument :

BNA_F

ClientSampleId :

PB121004BSD

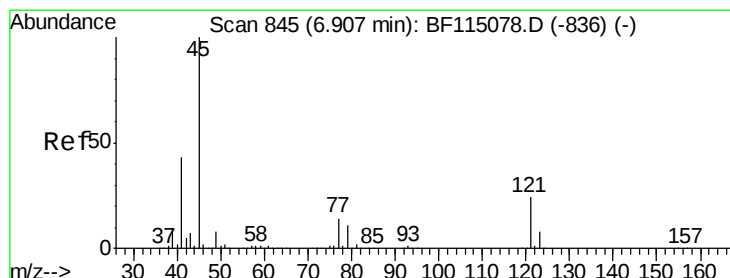
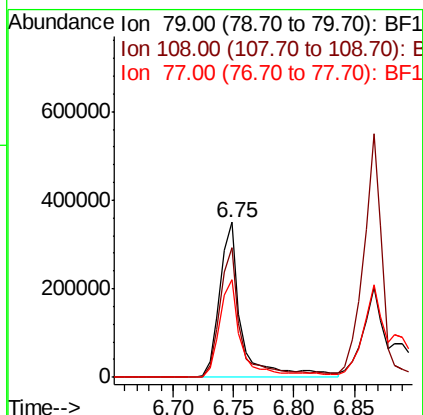
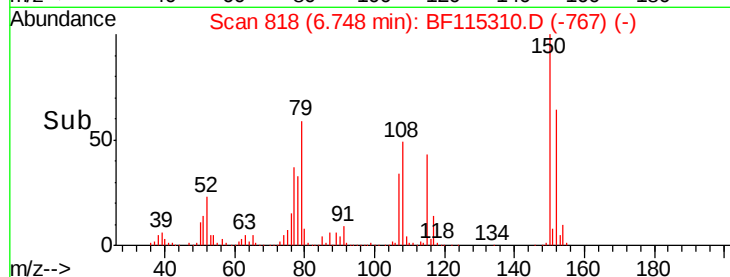
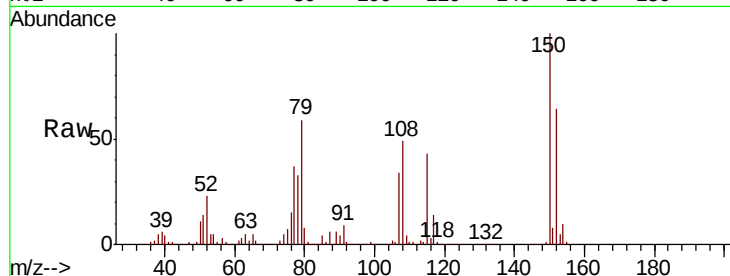
Tgt Ion: 79 Resp: 434687

Ion Ratio Lower Upper

79 100

108 84.0 68.7 103.1

77 62.9 51.7 77.5



#16

2,2'-oxybis(1-Chloropropane)

Concen: 39.200 ng

RT: 6.88 min Scan# 841

Delta R.T. -0.01 min

Lab File: BF115310.D

Acq: 29 Jun 2019 9:14

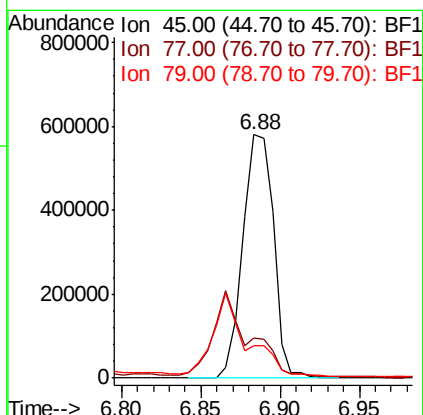
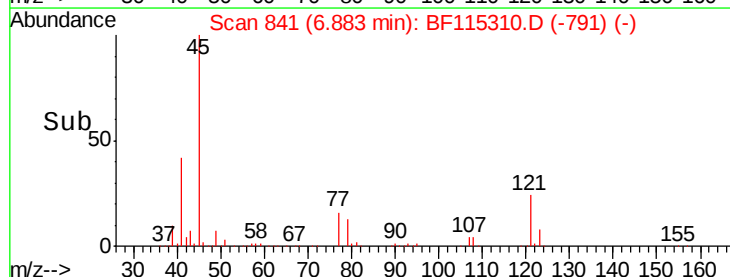
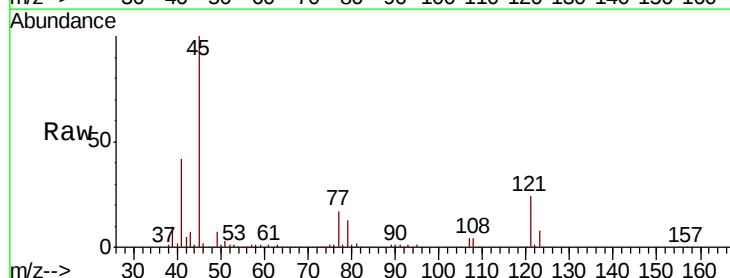
Tgt Ion: 45 Resp: 781798

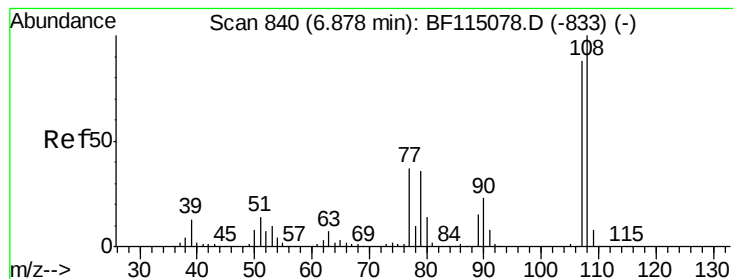
Ion Ratio Lower Upper

45 100

77 16.5 0.0 34.6

79 13.2 0.0 31.2





#17

2-Methylphenol

Concen: 42.834 ng

RT: 6.87 min Scan# 838

Delta R.T. 0.01 min

Lab File: BF115310.D

Acq: 29 Jun 2019 9:14

Instrument :

BNA_F

ClientSampleId :

PB121004BSD

Tgt Ion:107 Resp: 521626

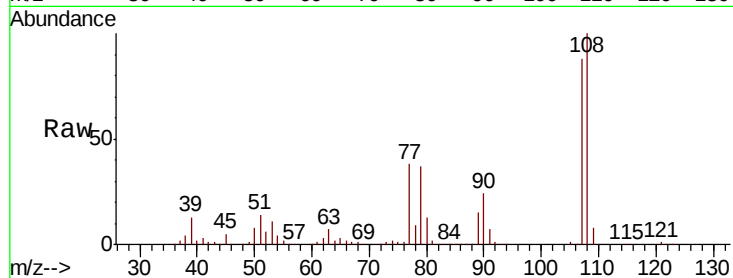
Ion Ratio Lower Upper

107 100

108 114.2 90.9 136.3

77 43.3 33.4 50.2

79 42.1 32.3 48.5

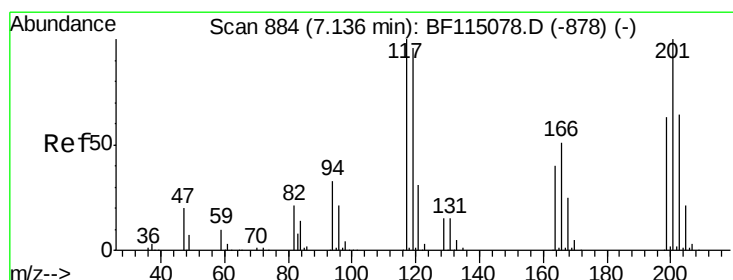
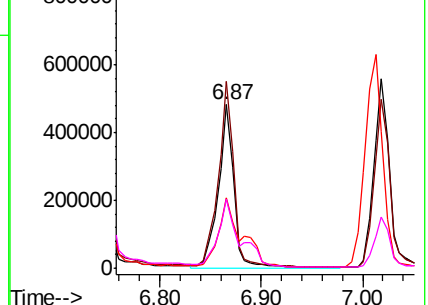
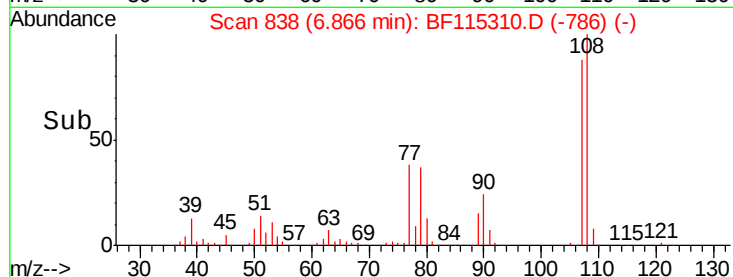


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18

Hexachloroethane

Concen: 41.167 ng

RT: 7.11 min Scan# 880

Delta R.T. 0.00 min

Lab File: BF115310.D

Acq: 29 Jun 2019 9:14

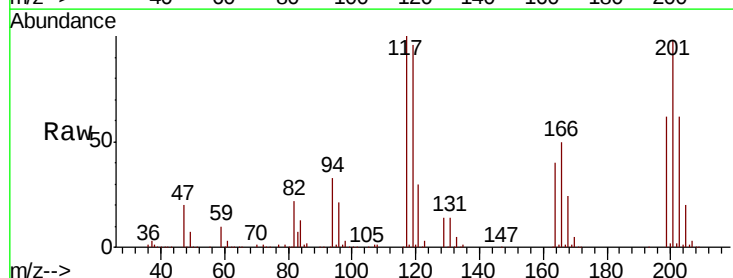
Tgt Ion:117 Resp: 243684

Ion Ratio Lower Upper

117 100

119 95.8 76.6 114.8

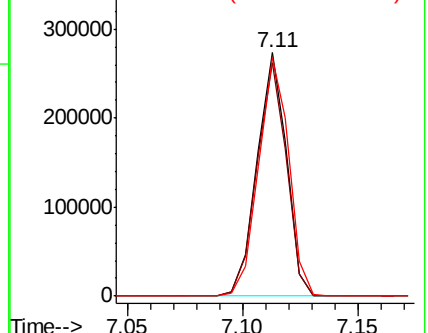
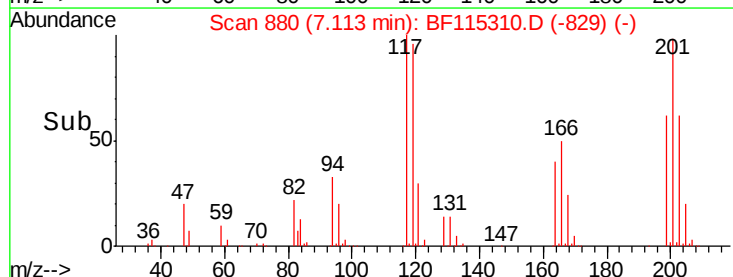
201 98.2 80.2 120.2

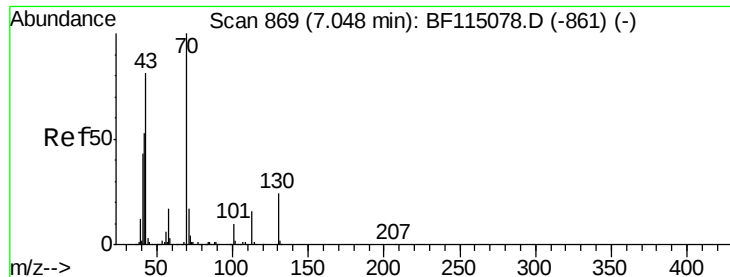


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

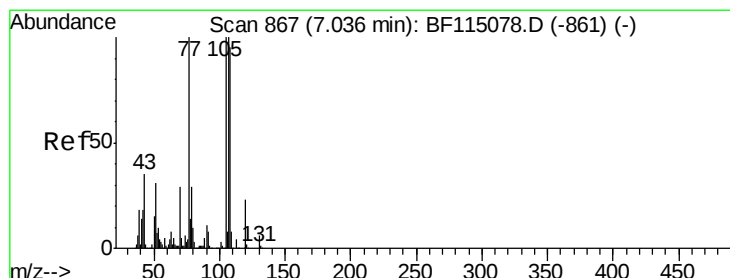
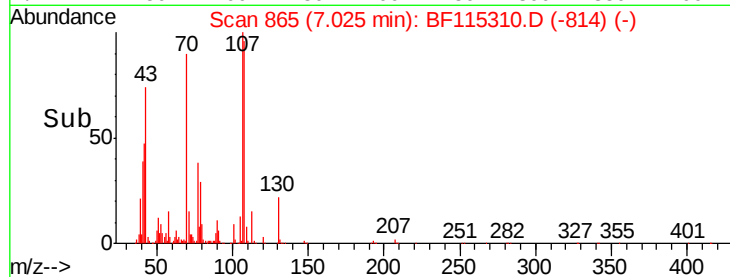
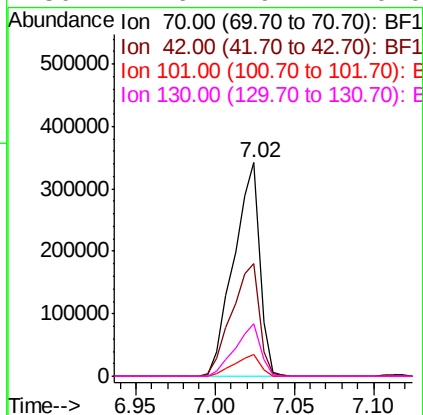
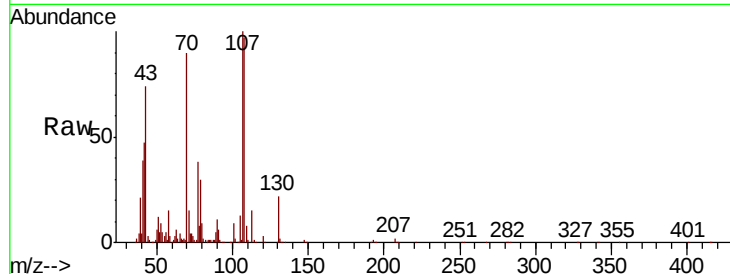




#19
n-Nitroso-di-n-propylamine
Concen: 38.025 ng
RT: 7.02 min Scan# 865
Delta R.T. 0.00 min
Lab File: BF115310.D
Acq: 29 Jun 2019 9:14

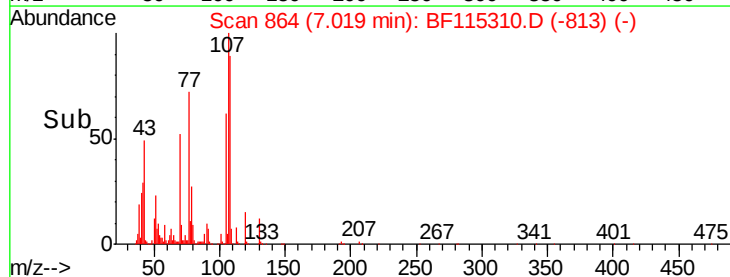
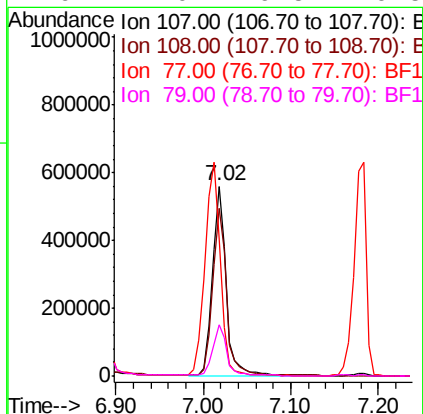
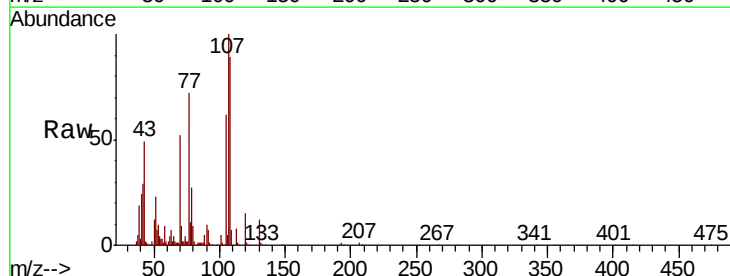
Instrument :
BNA_F
ClientSampleId :
PB121004BSD

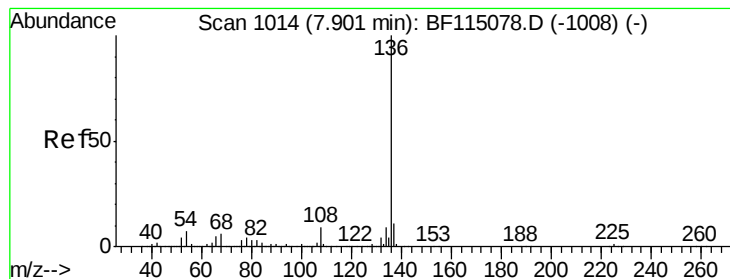
Tgt Ion:	70	Resp:	387688
Ion	Ratio	Lower	Upper
70	100		
42	52.7	42.6	63.8
101	10.3	8.0	12.0
130	24.6	19.4	29.0



#20
3+4-Methylphenols
Concen: 43.118 ng
RT: 7.02 min Scan# 864
Delta R.T. 0.00 min
Lab File: BF115310.D
Acq: 29 Jun 2019 9:14

Tgt Ion:	107	Resp:	606301
Ion	Ratio	Lower	Upper
107	100		
108	88.7	75.5	115.5
77	72.2	80.2	120.2#
79	27.0	9.5	49.5





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.88 min Scan# 1011

Delta R.T. 0.00 min

Lab File: BF115310.D

Acq: 29 Jun 2019 9:14

Instrument :

BNA_F

ClientSampleId :

PB121004BSD

Tgt Ion:136 Resp: 775887

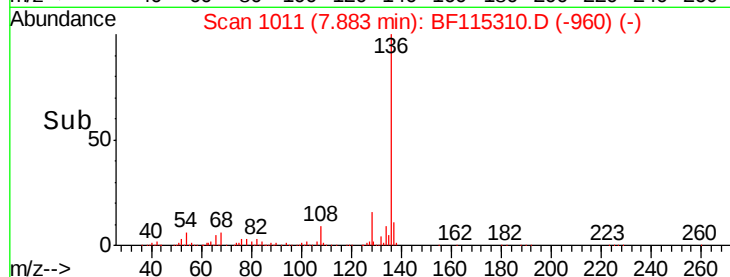
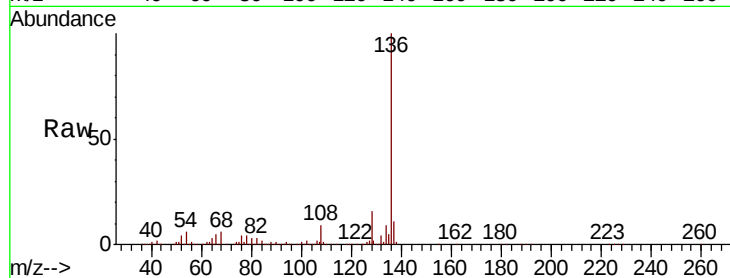
Ion Ratio Lower Upper

136 100

137 11.0 8.9 13.3

54 6.5 5.6 8.4

68 5.6 4.8 7.2

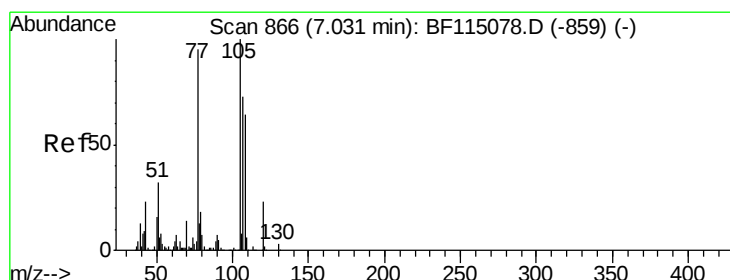
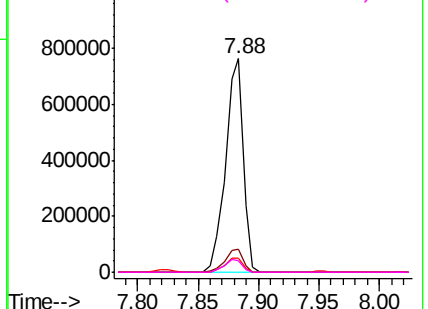


Abundance Ion 136.00 (135.70 to 136.70): E

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: 45.858 ng

RT: 7.01 min Scan# 863

Delta R.T. 0.00 min

Lab File: BF115310.D

Acq: 29 Jun 2019 9:14

Tgt Ion:105 Resp: 814563

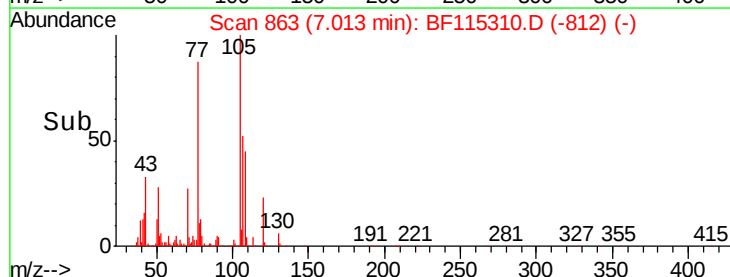
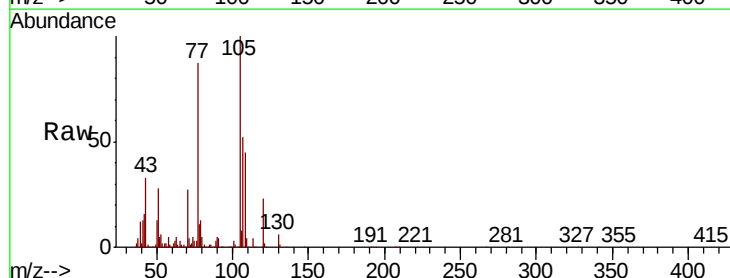
Ion Ratio Lower Upper

105 100

71 4.5 1.9 2.9#

51 28.3 25.8 38.8

120 23.3 18.5 27.7

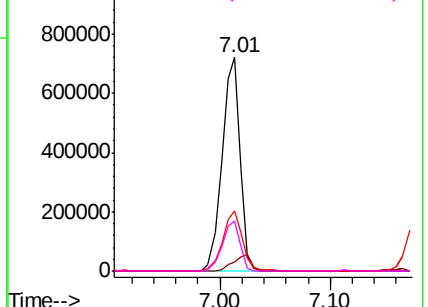


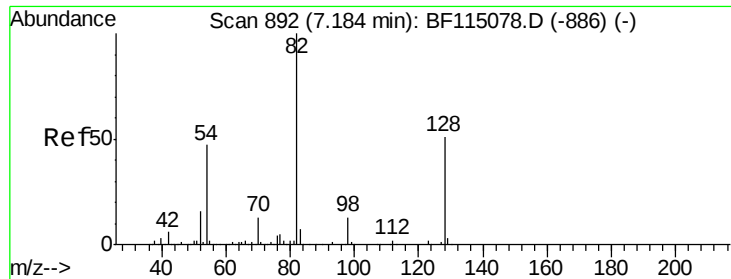
Abundance Ion 105.00 (104.70 to 105.70): E

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

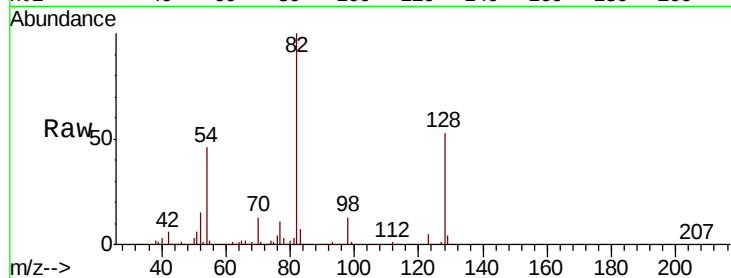




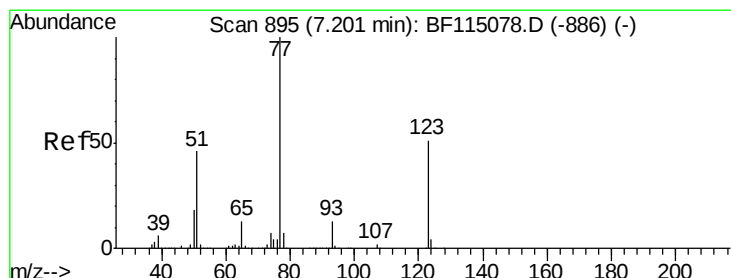
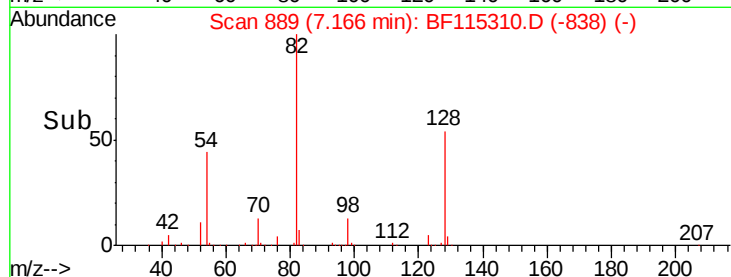
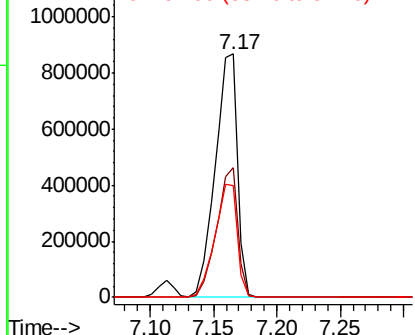
#23
 Nitrobenzene-d5
 Concen: 84.762 ng
 RT: 7.17 min Scan# 889
 Delta R.T. 0.00 min
 Lab File: BF115310.D
 Acq: 29 Jun 2019 9:14

Instrument :
 BNA_F
 ClientSampleId :
 PB121004BSD

Tgt Ion: 82 Resp: 1069093
 Ion Ratio Lower Upper
 82 100
 128 53.5 40.4 60.6
 54 45.7 37.5 56.3

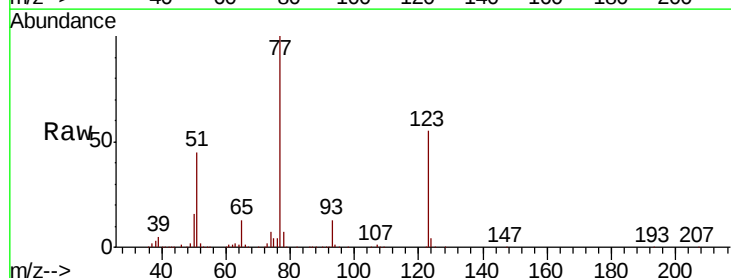


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

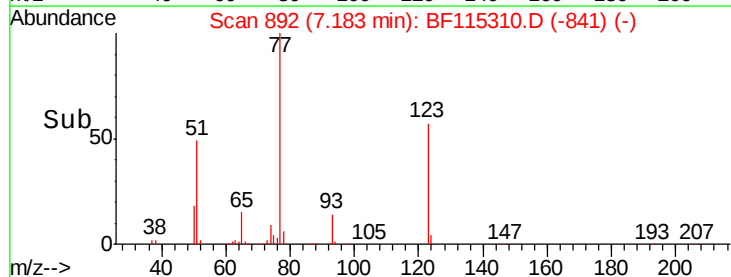
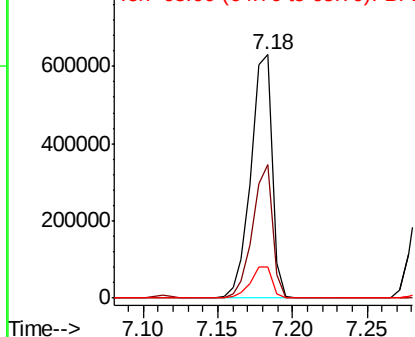


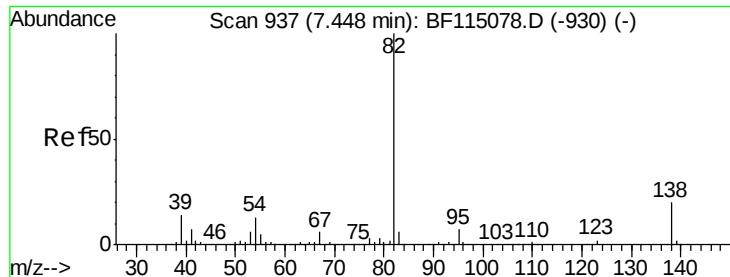
#24
 Nitrobenzene
 Concen: 44.618 ng
 RT: 7.18 min Scan# 892
 Delta R.T. 0.00 min
 Lab File: BF115310.D
 Acq: 29 Jun 2019 9:14

Tgt Ion: 77 Resp: 619991
 Ion Ratio Lower Upper
 77 100
 123 54.9 41.0 61.6
 65 13.0 10.5 15.7



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

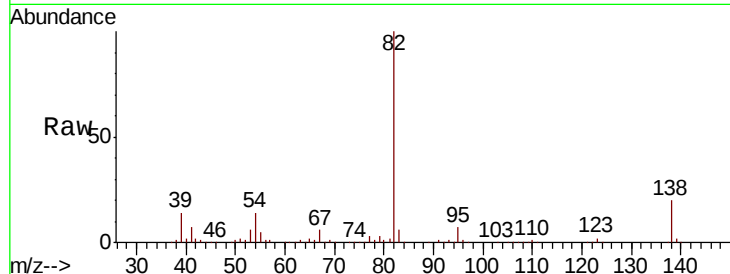




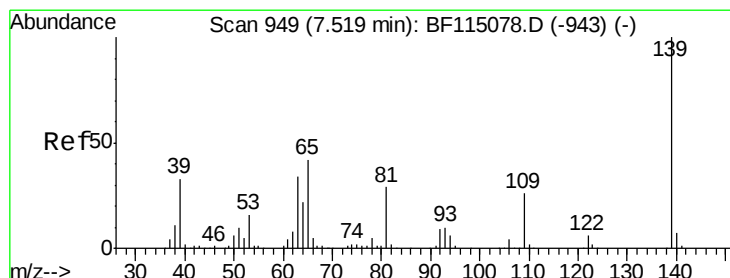
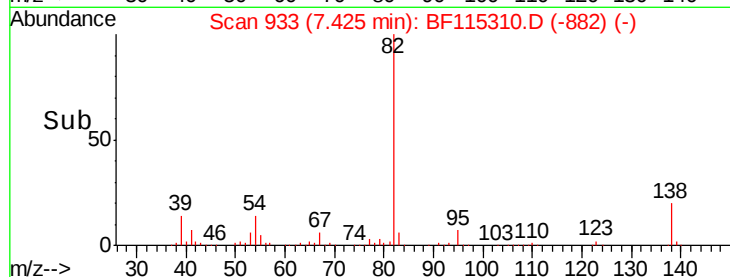
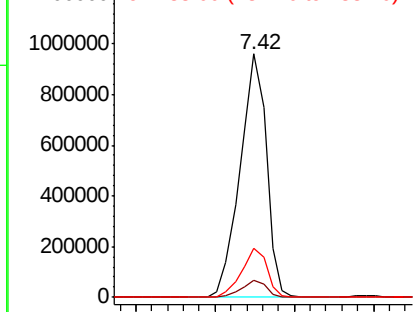
#25
Isophorone
Concen: 42.899 ng
RT: 7.42 min Scan# 933
Delta R.T. 0.00 min
Lab File: BF115310.D
Acq: 29 Jun 2019 9:14

Instrument :
BNA_F
ClientSampleId :
PB121004BSD

Tgt Ion: 82 Resp: 1108427
Ion Ratio Lower Upper
82 100
95 6.8 5.4 8.2
138 19.9 15.9 23.9

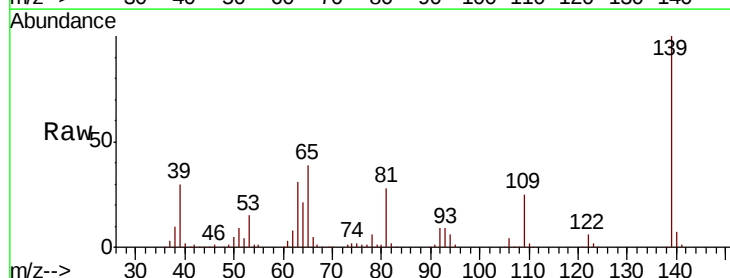


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): BF1

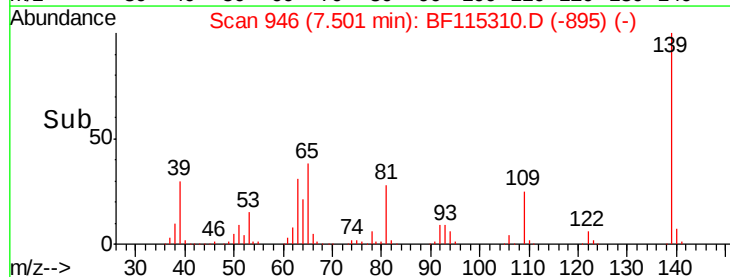
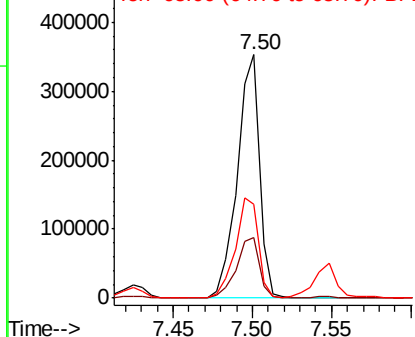


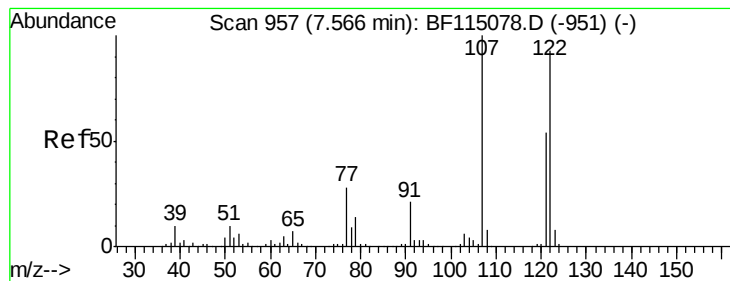
#26
2-Nitrophenol
Concen: 49.935 ng
RT: 7.50 min Scan# 946
Delta R.T. 0.00 min
Lab File: BF115310.D
Acq: 29 Jun 2019 9:14

Tgt Ion: 139 Resp: 342659
Ion Ratio Lower Upper
139 100
109 25.0 20.4 30.6
65 38.6 33.6 50.4



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





#27

2,4-Dimethylphenol

Concen: 50.644 ng

RT: 7.55 min Scan# 954

Delta R.T. 0.00 min

Lab File: BF115310.D

Acq: 29 Jun 2019 9:14

Instrument :

BNA_F

ClientSampleId :

PB121004BSD

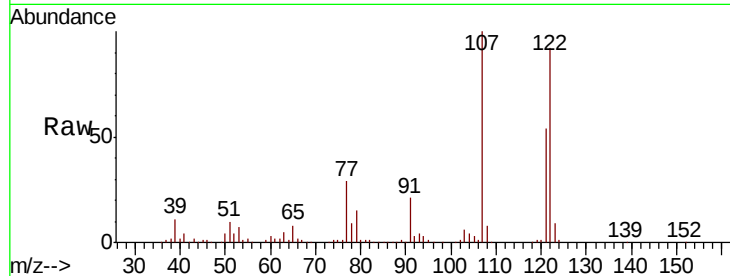
Tgt Ion: 122 Resp: 569006

Ion Ratio Lower Upper

122 100

107 108.7 85.8 128.6

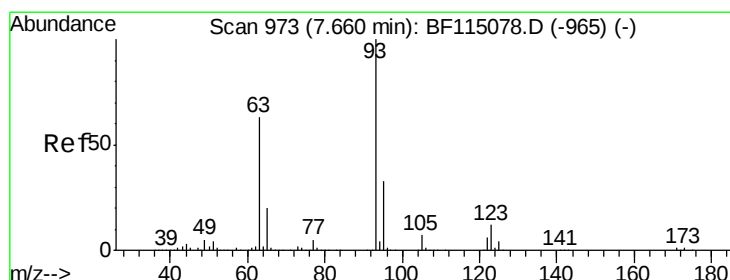
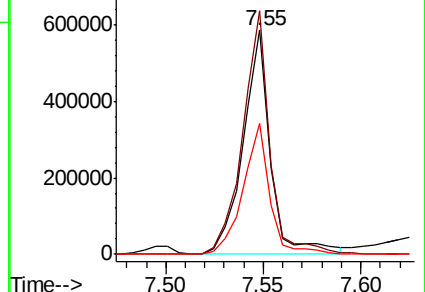
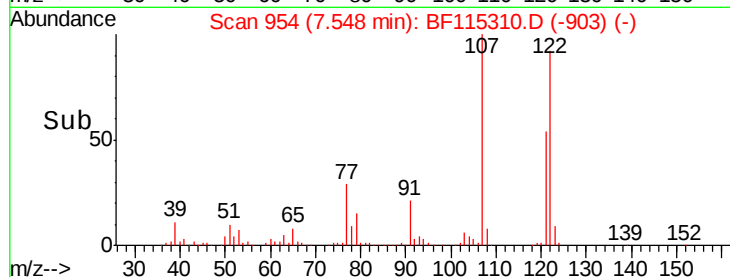
121 58.2 46.3 69.5



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: 43.361 ng

RT: 7.64 min Scan# 970

Delta R.T. 0.00 min

Lab File: BF115310.D

Acq: 29 Jun 2019 9:14

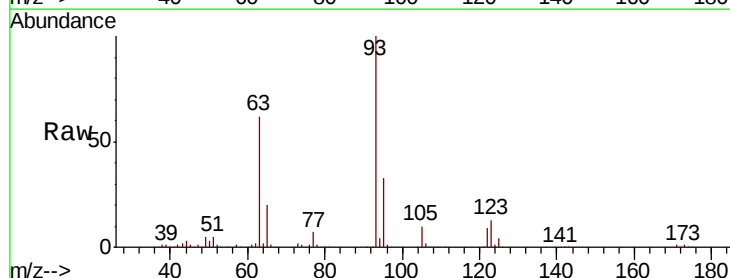
Tgt Ion: 93 Resp: 708114

Ion Ratio Lower Upper

93 100

95 33.0 26.2 39.4

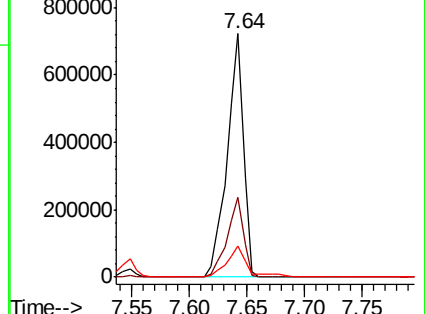
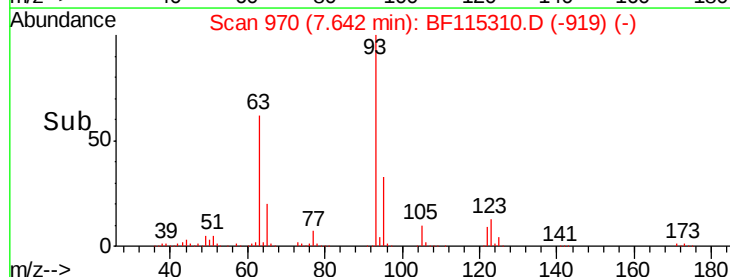
123 12.9 9.7 14.5



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

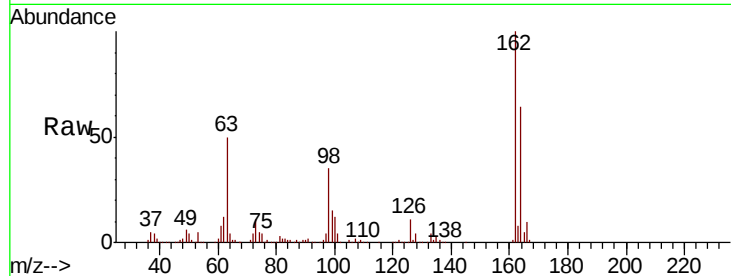




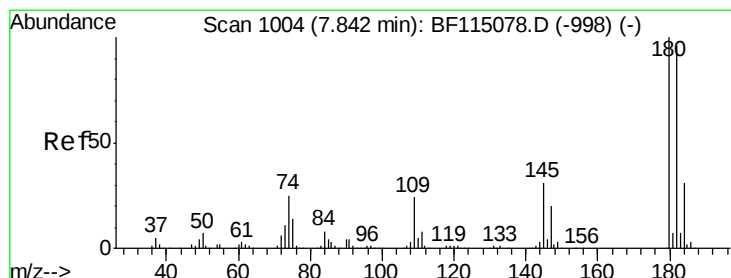
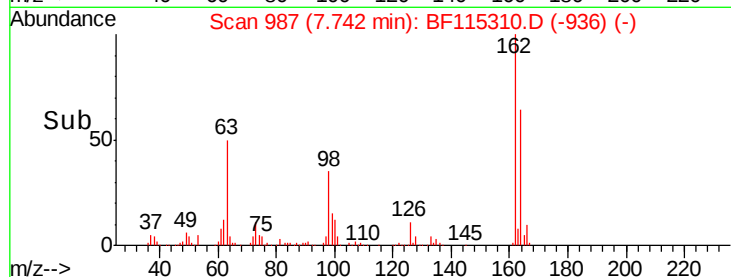
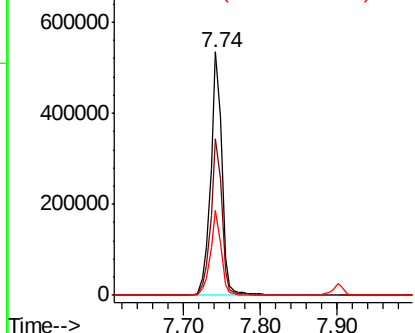
#29
2,4-Dichlorophenol
Concen: 45.778 ng
RT: 7.74 min Scan# 987
Delta R.T. 0.00 min
Lab File: BF115310.D
Acq: 29 Jun 2019 9:14

Instrument :
BNA_F
ClientSampleId :
PB121004BSD

Tgt Ion:162 Resp: 530782
Ion Ratio Lower Upper
162 100
164 64.2 45.3 85.3
98 34.8 12.5 52.5

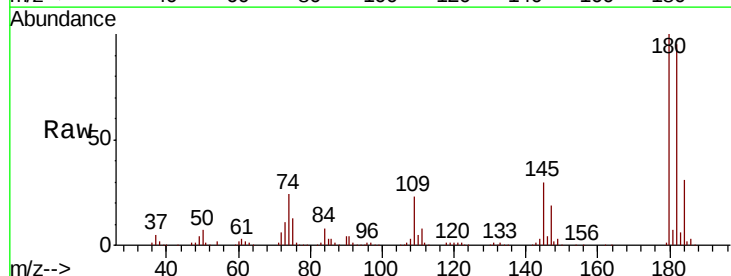


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

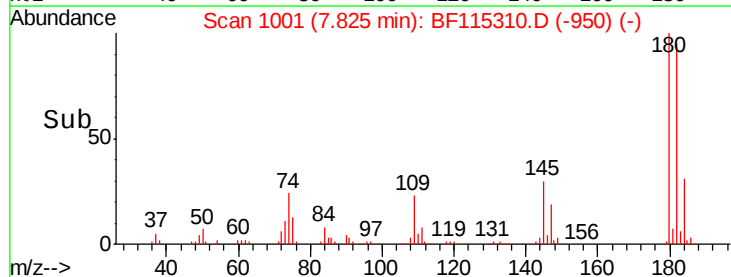
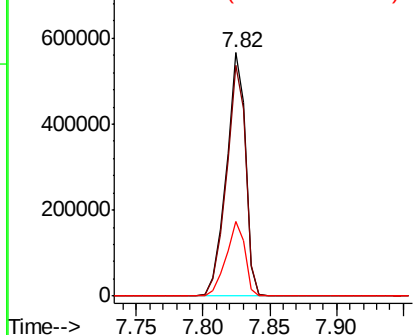


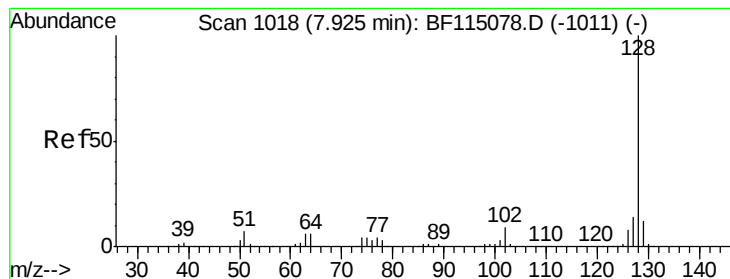
#30
1,2,4-Trichlorobenzene
Concen: 44.966 ng
RT: 7.82 min Scan# 1001
Delta R.T. 0.00 min
Lab File: BF115310.D
Acq: 29 Jun 2019 9:14

Tgt Ion:180 Resp: 575891
Ion Ratio Lower Upper
180 100
182 94.9 76.4 114.6
145 30.5 24.8 37.2



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: 46.388 ng

RT: 7.90 min Scan# 1014

Delta R.T. 0.00 min

Lab File: BF115310.D

Acq: 29 Jun 2019 9:14

Instrument :

BNA_F

ClientSampleId :

PB121004BSD

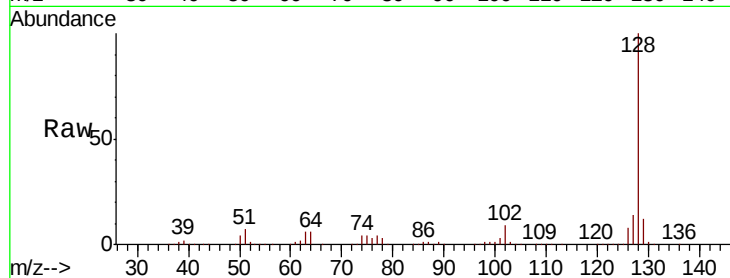
Tgt Ion:128 Resp: 1766754

Ion Ratio Lower Upper

128 100

129 11.9 9.6 14.4

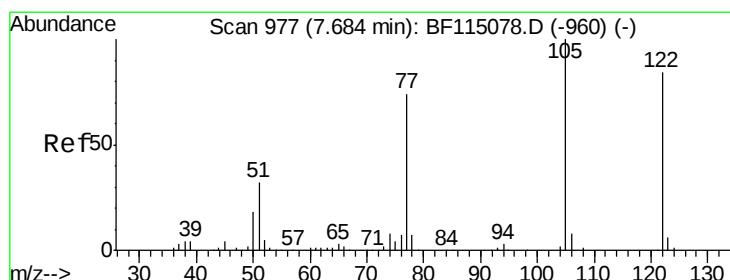
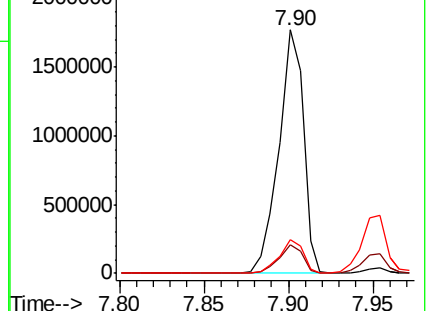
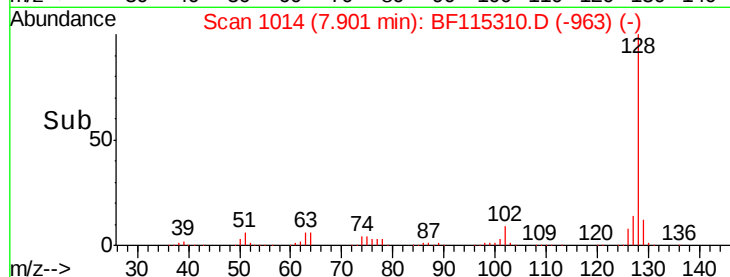
127 13.8 11.4 17.0



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: 46.819 ng

RT: 7.68 min Scan# 976

Delta R.T. 0.01 min

Lab File: BF115310.D

Acq: 29 Jun 2019 9:14

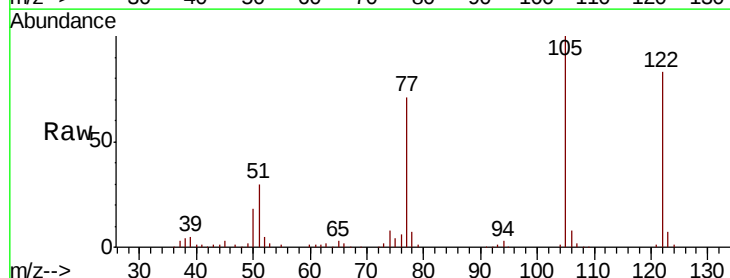
Tgt Ion:122 Resp: 375486

Ion Ratio Lower Upper

122 100

105 119.8 98.2 138.2

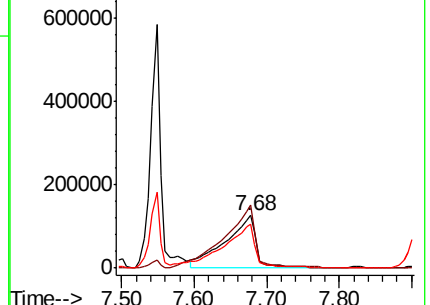
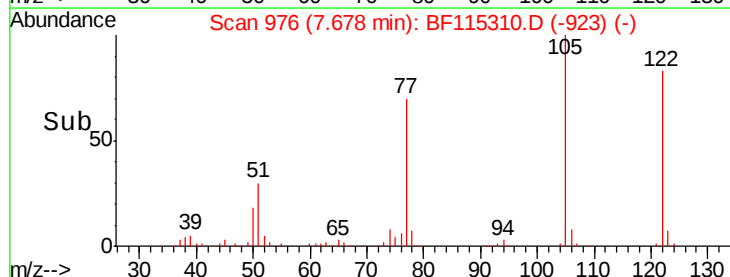
77 84.6 67.0 107.0



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

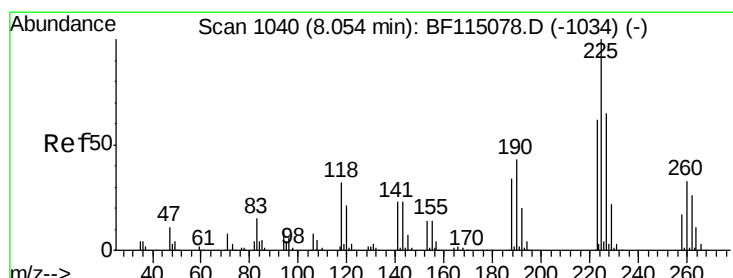
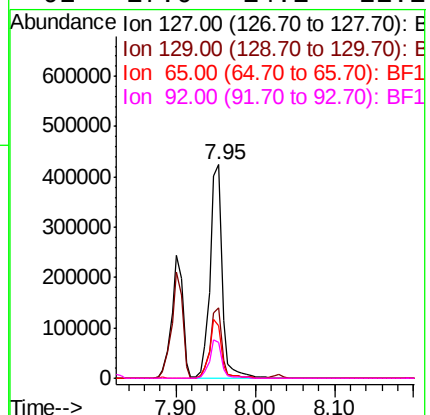
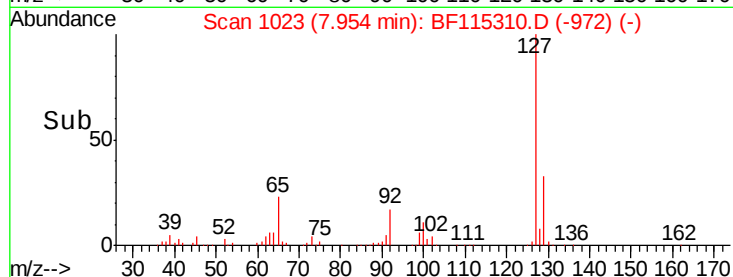
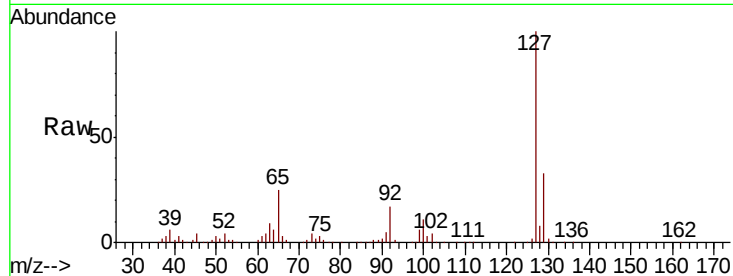




#33
4-Chloroaniline
Concen: 26.085 ng
RT: 7.95 min Scan# 1023
Delta R.T. 0.00 min
Lab File: BF115310.D
Acq: 29 Jun 2019 9:14

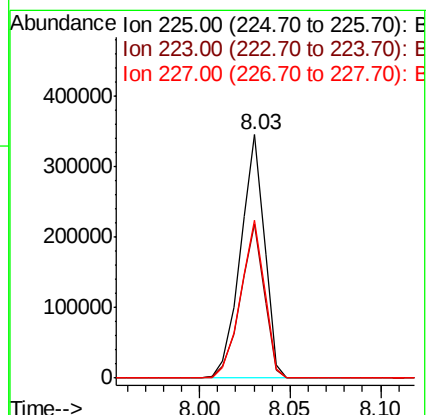
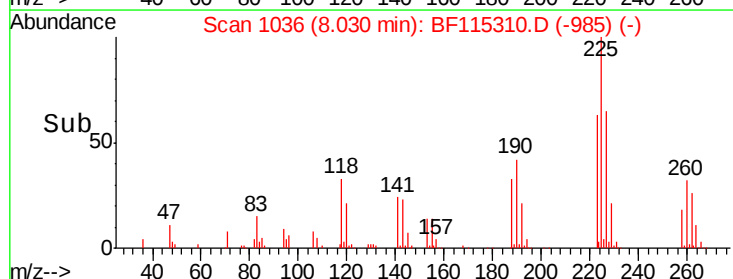
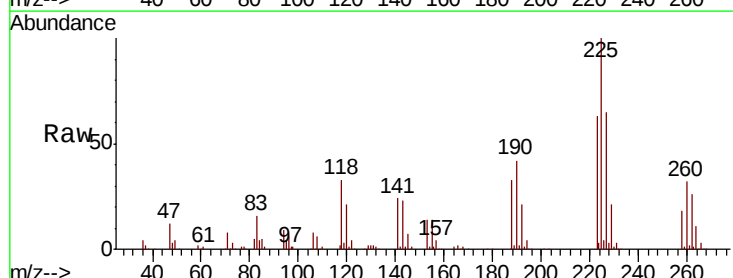
Instrument :
BNA_F
ClientSampleId :
PB121004BSD

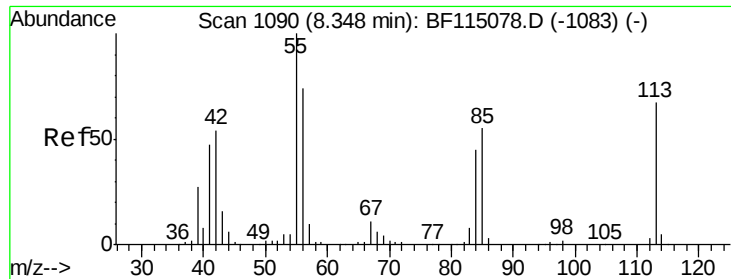
Tgt Ion:	127	Resp:	454038
Ion	Ratio	Lower	Upper
127	100		
129	32.7	26.1	39.1
65	24.6	21.4	32.2
92	17.0	14.1	21.1



#34
Hexachlorobutadiene
Concen: 45.097 ng
RT: 8.03 min Scan# 1036
Delta R.T. 0.00 min
Lab File: BF115310.D
Acq: 29 Jun 2019 9:14

Tgt Ion:	225	Resp:	316512
Ion	Ratio	Lower	Upper
225	100		
223	63.4	49.4	74.2
227	64.9	51.8	77.8

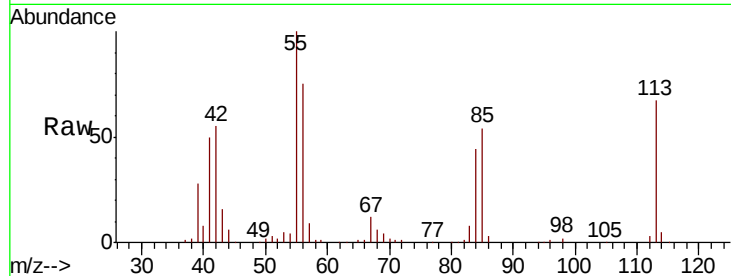




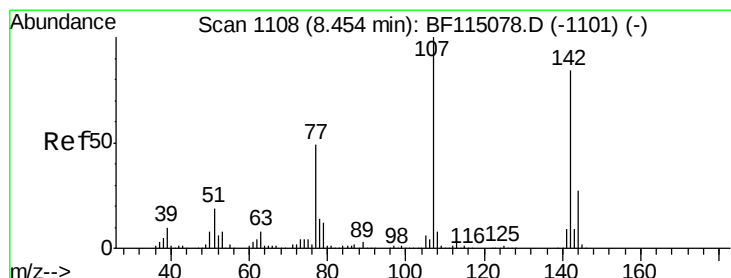
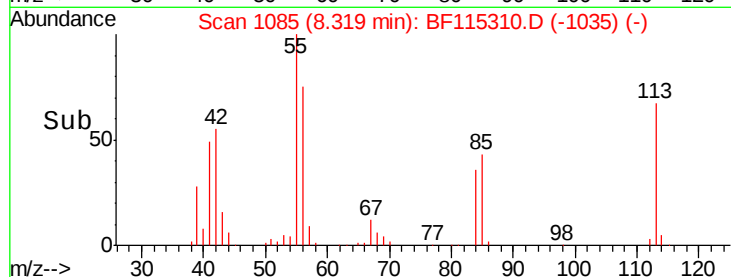
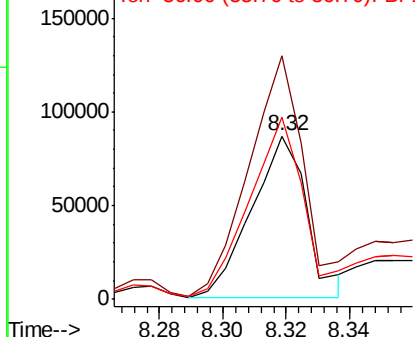
#35
 Caprolactam
 Concen: 26.777 ng
 RT: 8.32 min Scan# 1085
 Delta R.T. -0.01 min
 Lab File: BF115310.D
 Acq: 29 Jun 2019 9:14

Instrument :
 BNA_F
 ClientSampleId :
 PB121004BSD

Tgt Ion:113 Resp: 104384
 Ion Ratio Lower Upper
 113 100
 55 149.0 130.2 170.2
 56 111.6 91.6 131.6

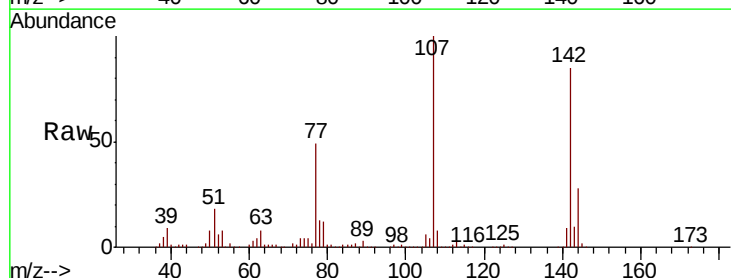


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

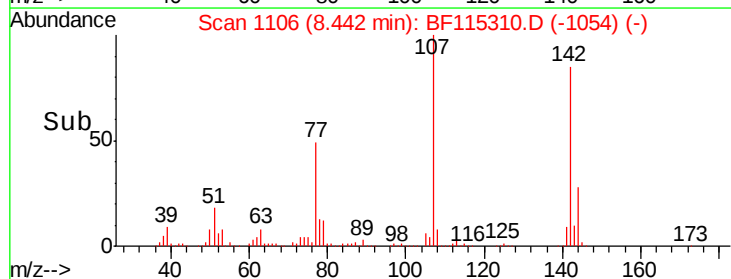
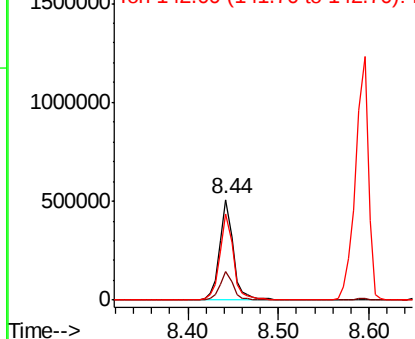


#36
 4-Chloro-3-methylphenol
 Concen: 44.731 ng
 RT: 8.44 min Scan# 1106
 Delta R.T. 0.01 min
 Lab File: BF115310.D
 Acq: 29 Jun 2019 9:14

Tgt Ion:107 Resp: 525247
 Ion Ratio Lower Upper
 107 100
 144 27.8 21.7 32.5
 142 85.4 67.0 100.4



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

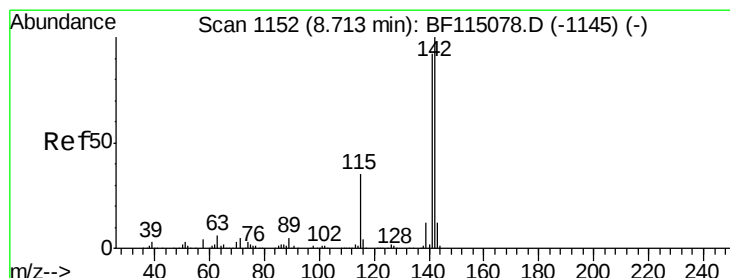
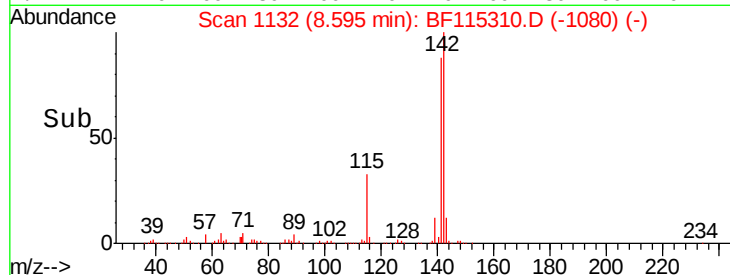
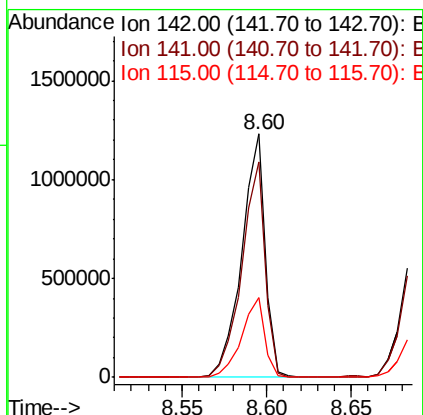
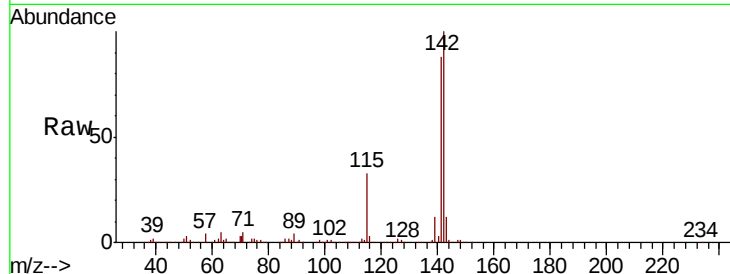




#37
 2-Methylnaphthalene
 Concen: 46.185 ng
 RT: 8.60 min Scan# 1132
 Delta R.T. 0.01 min
 Lab File: BF115310.D
 Acq: 29 Jun 2019 9:14

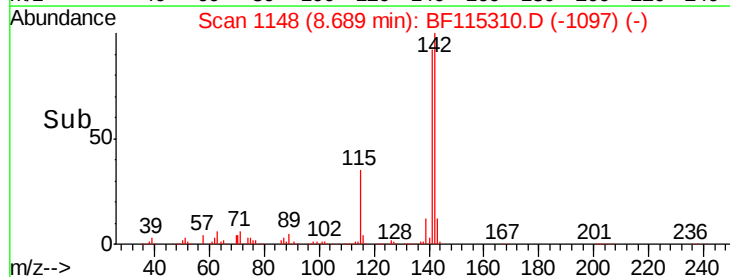
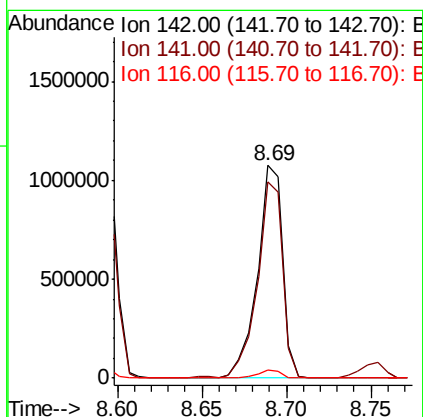
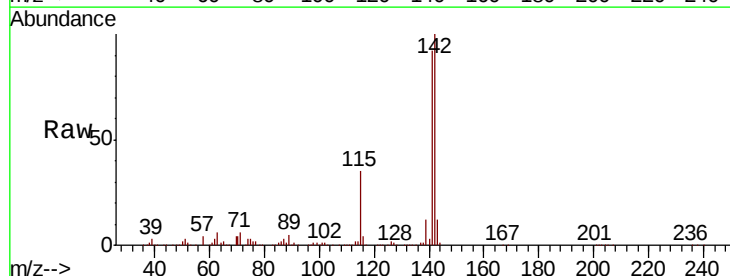
Instrument :
 BNA_F
 ClientSampleId :
 PB121004BSD

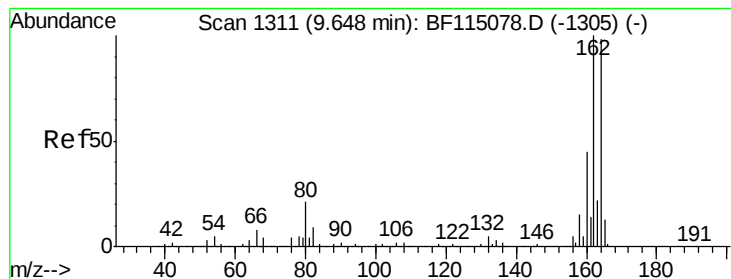
Tgt Ion:142 Resp: 1186033
 Ion Ratio Lower Upper
 142 100
 141 88.3 69.8 104.6
 115 32.6 26.7 40.1



#38
 1-Methylnaphthalene
 Concen: 45.270 ng
 RT: 8.69 min Scan# 1148
 Delta R.T. 0.00 min
 Lab File: BF115310.D
 Acq: 29 Jun 2019 9:14

Tgt Ion:142 Resp: 1110300
 Ion Ratio Lower Upper
 142 100
 141 92.1 73.8 110.8
 116 3.7 2.8 4.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.62 min Scan# 1307

Delta R.T. 0.00 min

Lab File: BF115310.D

Acq: 29 Jun 2019 9:14

Instrument :

BNA_F

ClientSampleId :

PB121004BSD

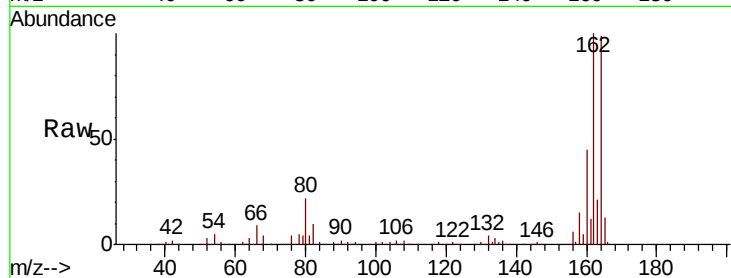
Tgt Ion:164 Resp: 378051

Ion Ratio Lower Upper

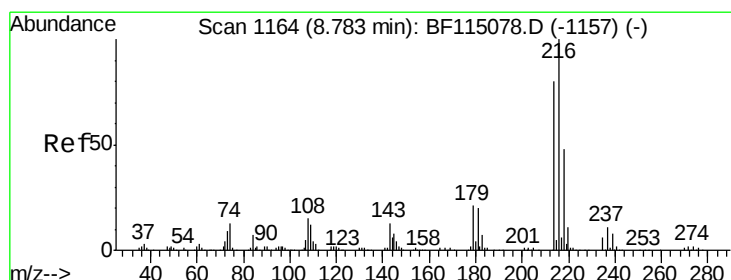
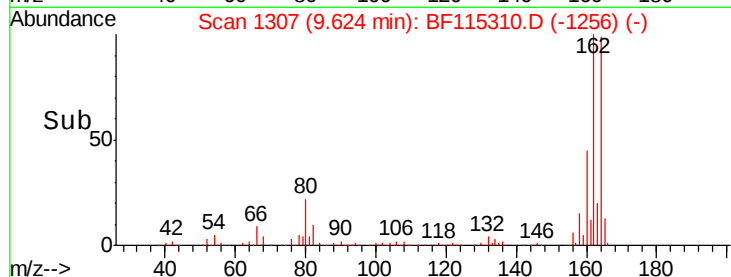
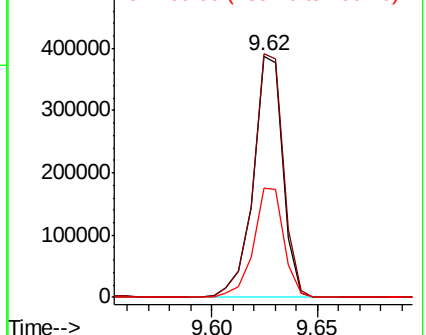
164 100

162 100.8 81.7 122.5

160 45.1 37.0 55.4



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: 47.700 ng

RT: 8.76 min Scan# 1160

Delta R.T. 0.00 min

Lab File: BF115310.D

Acq: 29 Jun 2019 9:14

Tgt Ion:216 Resp: 509580

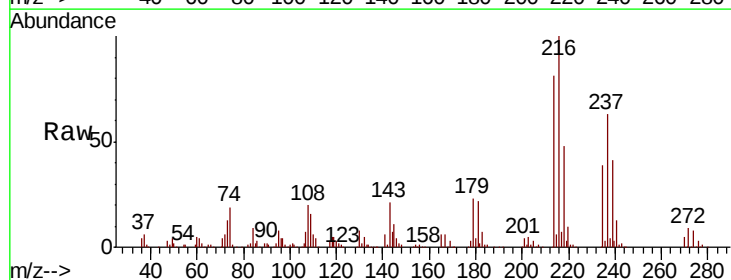
Ion Ratio Lower Upper

216 100

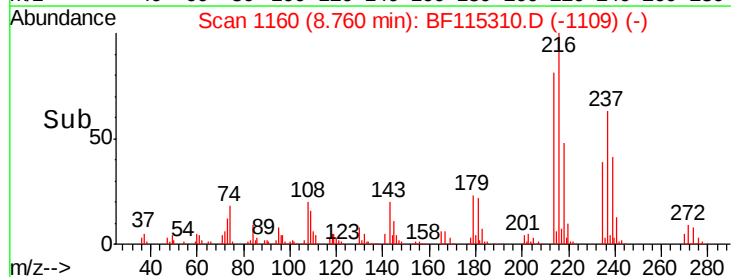
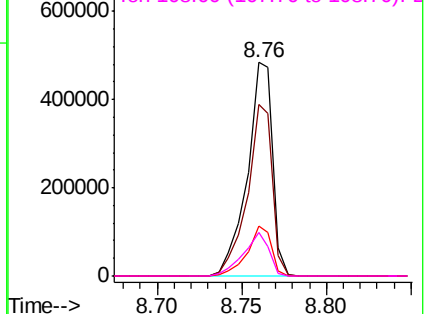
214 79.0 63.8 95.6

179 22.0 17.6 26.4

108 20.8 15.7 23.5



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





#41

Hexachlorocyclopentadiene

Concen: 97.689 ng

RT: 8.75 min Scan# 1159

Delta R.T. 0.00 min

Lab File: BF115310.D

Acq: 29 Jun 2019 9:14

Instrument :

BNA_F

ClientSampleId :

PB121004BSD

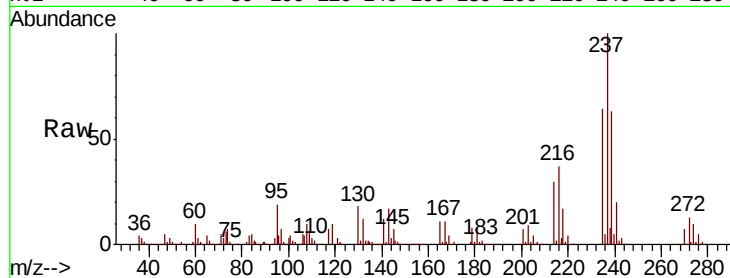
Tgt Ion: 237 Resp: 618825

Ion Ratio Lower Upper

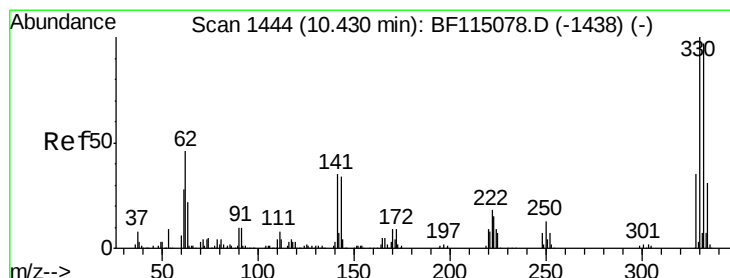
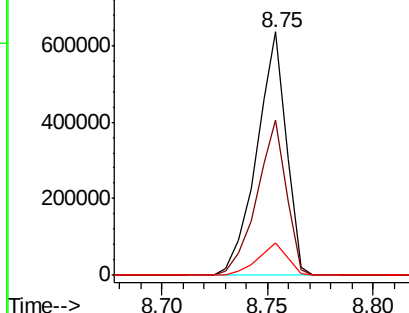
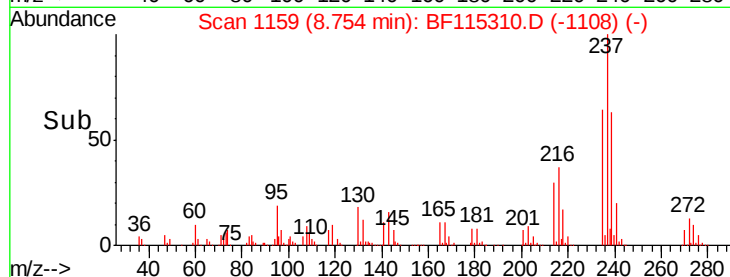
237 100

235 63.7 43.9 83.9

272 13.4 0.0 33.8



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: 133.549 ng

RT: 10.41 min Scan# 1441

Delta R.T. 0.01 min

Lab File: BF115310.D

Acq: 29 Jun 2019 9:14

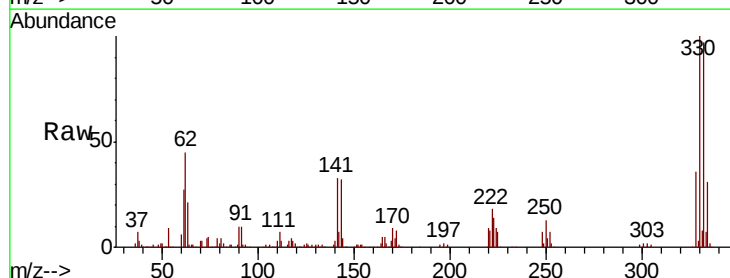
Tgt Ion: 330 Resp: 532418

Ion Ratio Lower Upper

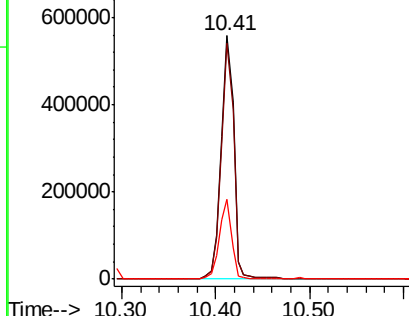
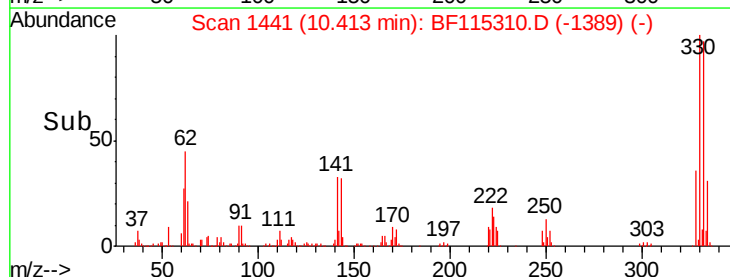
330 100

332 96.7 77.3 115.9

141 31.8 28.2 42.2



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

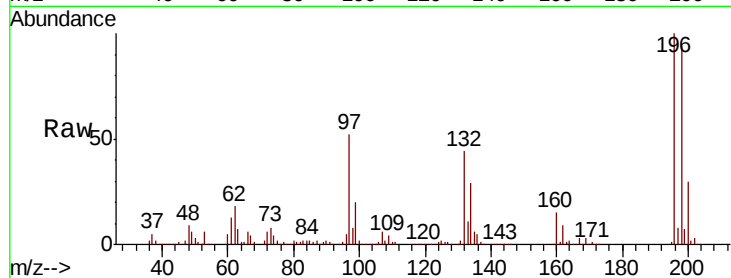




#43
 2,4,6-Trichlorophenol
 Concen: 46.049 ng
 RT: 8.87 min Scan# 1179
 Delta R.T. 0.00 min
 Lab File: BF115310.D
 Acq: 29 Jun 2019 9:14

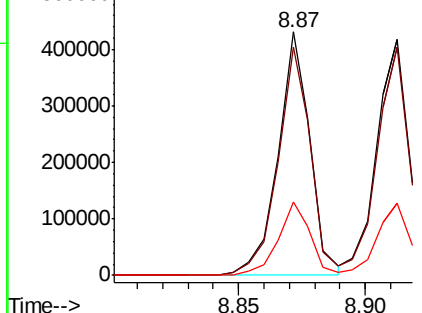
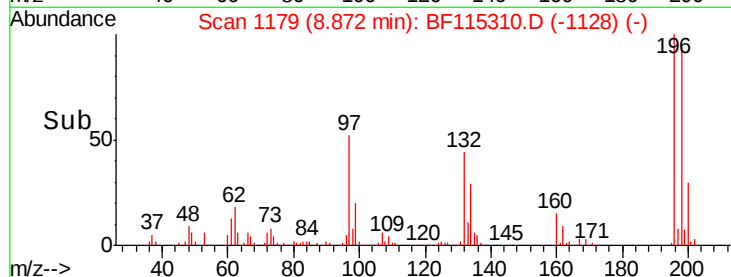
Instrument :
 BNA_F
 ClientSampleId :
 PB121004BSD

Tgt Ion	Ratio	Lower	Upper
196	100		
198	93.8	76.3	114.5
200	30.4	24.2	36.4



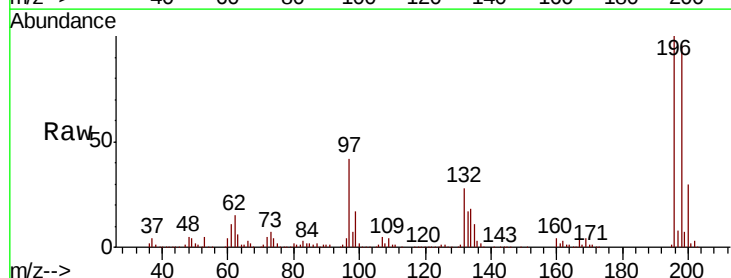
Abundance vs Time-->

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



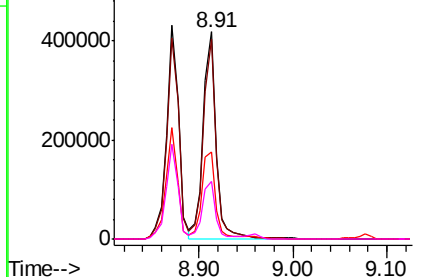
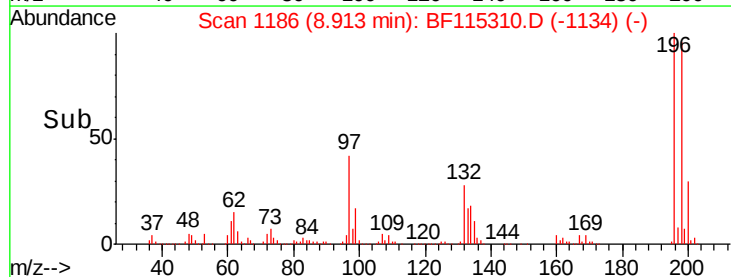
#44
 2,4,5-Trichlorophenol
 Concen: 47.509 ng
 RT: 8.91 min Scan# 1186
 Delta R.T. 0.01 min
 Lab File: BF115310.D
 Acq: 29 Jun 2019 9:14

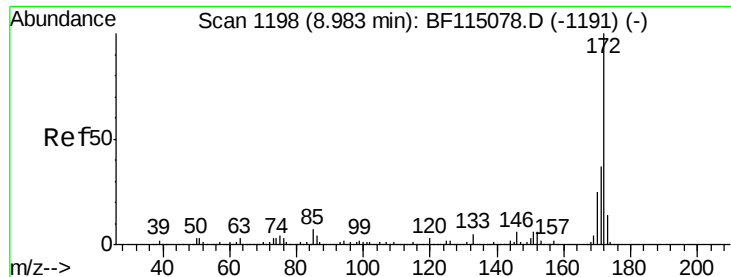
Tgt Ion	Ratio	Lower	Upper
196	100		
198	96.5	77.1	115.7
97	41.9	37.7	56.5
132	27.6	23.1	34.7



Abundance vs Time-->

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

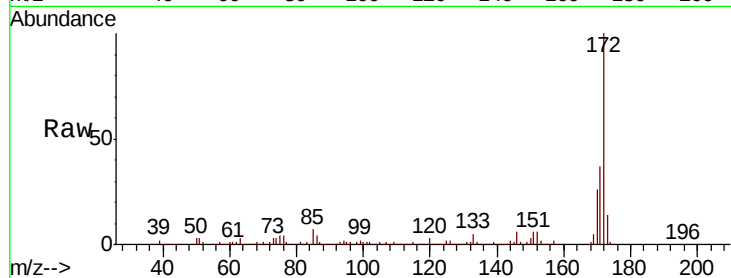




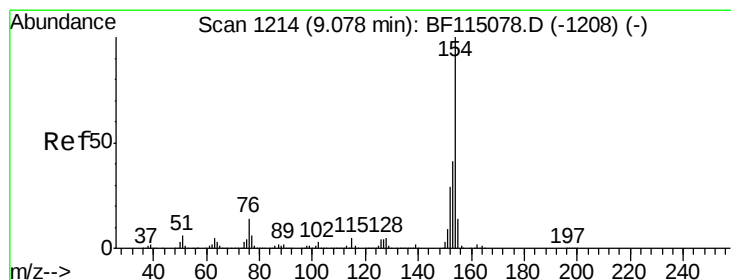
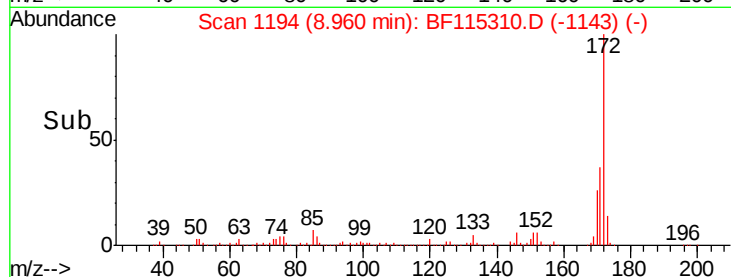
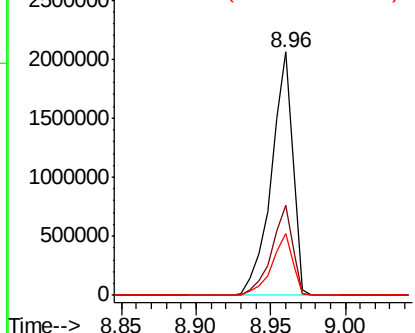
#45
 2-Fluorobiphenyl
 Concen: 91.694 ng
 RT: 8.96 min Scan# 1194
 Delta R.T. 0.00 min
 Lab File: BF115310.D
 Acq: 29 Jun 2019 9:14

Instrument :
 BNA_F
 ClientSampleId :
 PB121004BSD

Tgt Ion:172 Resp: 2040767
 Ion Ratio Lower Upper
 172 100
 171 37.1 29.8 44.6
 170 25.6 20.3 30.5

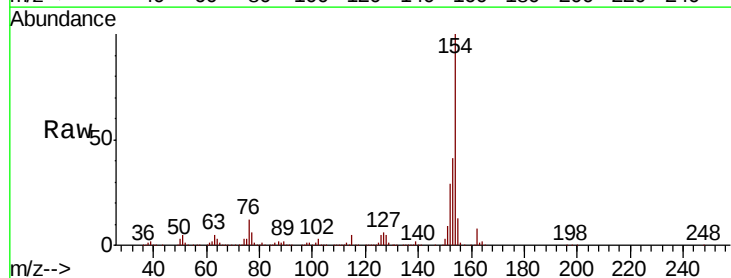


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

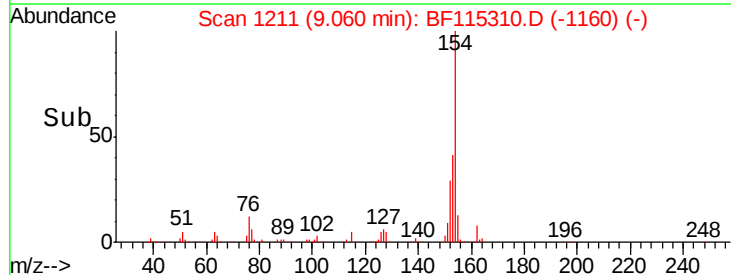
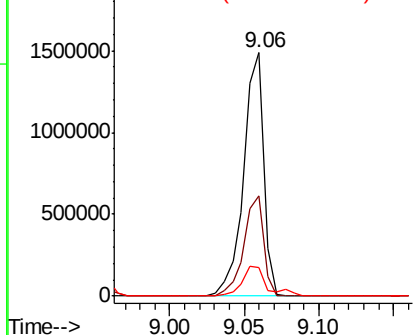


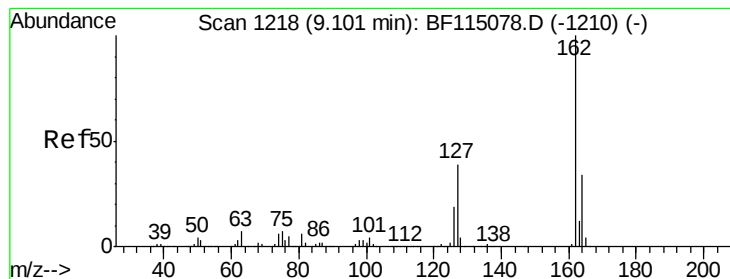
#46
 1,1'-Biphenyl
 Concen: 45.868 ng
 RT: 9.06 min Scan# 1211
 Delta R.T. 0.00 min
 Lab File: BF115310.D
 Acq: 29 Jun 2019 9:14

Tgt Ion:154 Resp: 1387475
 Ion Ratio Lower Upper
 154 100
 153 41.1 20.9 60.9
 76 12.0 0.0 34.1



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: 44.852 ng

RT: 9.08 min Scan# 1214

Delta R.T. 0.00 min

Lab File: BF115310.D

Acq: 29 Jun 2019 9:14

Instrument :

BNA_F

ClientSampleId :

PB121004BSD

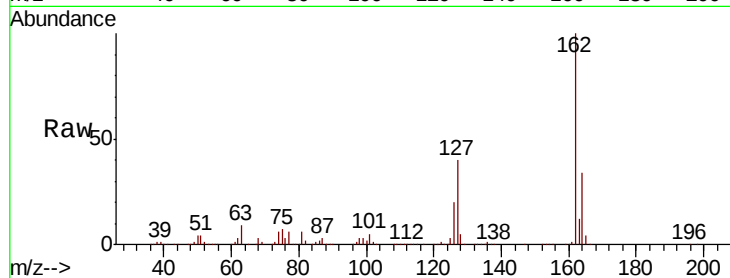
Tgt Ion: 162 Resp: 1100538

Ion Ratio Lower Upper

162 100

127 40.3 30.8 46.2

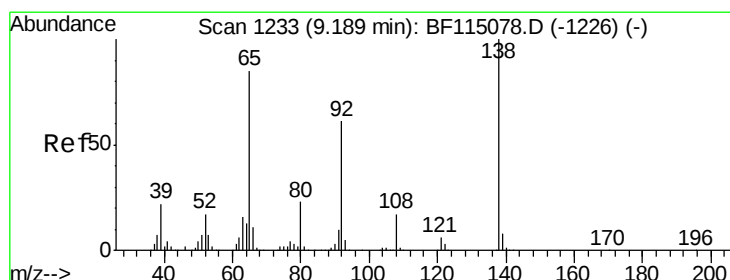
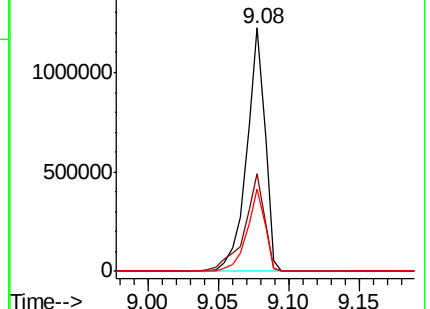
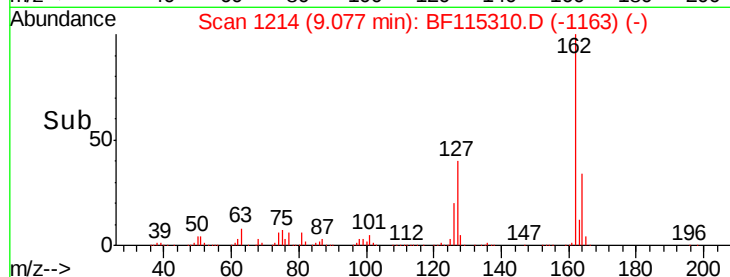
164 33.7 27.0 40.4



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: 43.809 ng

RT: 9.17 min Scan# 1230

Delta R.T. 0.00 min

Lab File: BF115310.D

Acq: 29 Jun 2019 9:14

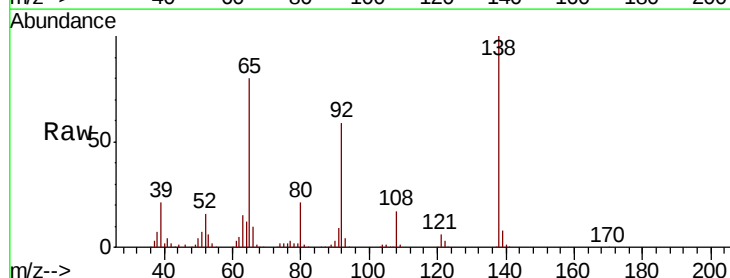
Tgt Ion: 65 Resp: 313389

Ion Ratio Lower Upper

65 100

92 74.2 57.4 86.2

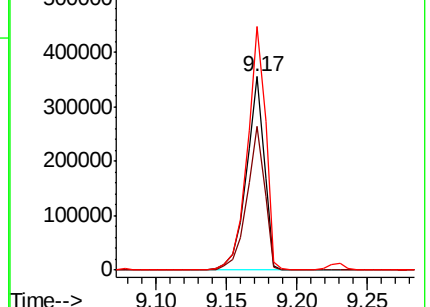
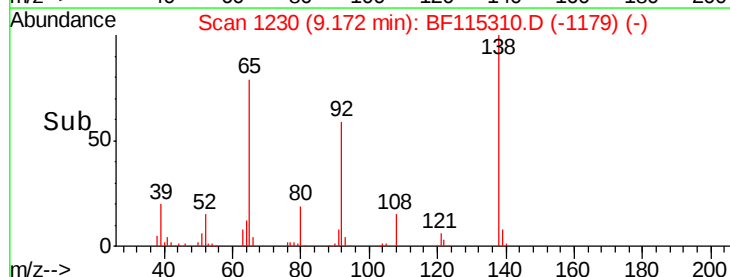
138 125.7 94.1 141.1

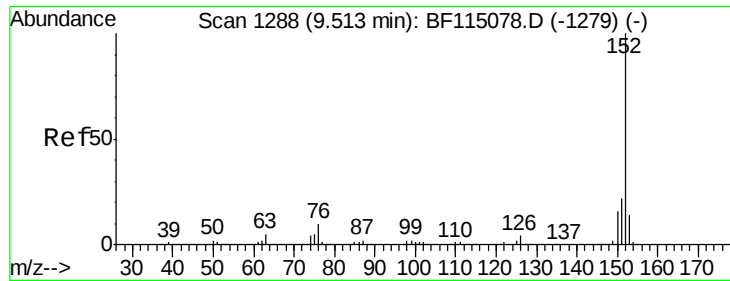


Abundance Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 45.213 ng

RT: 9.49 min Scan# 1284

Delta R.T. 0.00 min

Lab File: BF115310.D

Acq: 29 Jun 2019 9:14

Instrument :

BNA_F

ClientSampleId :

PB121004BSD

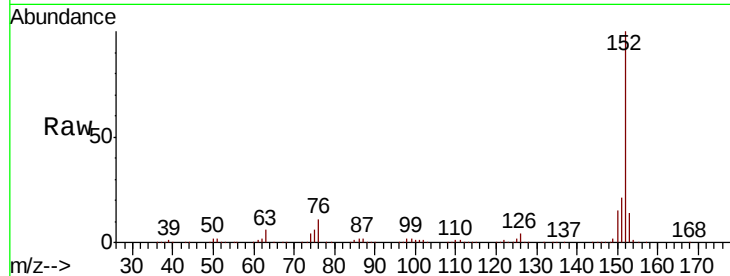
Tgt Ion:152 Resp: 1728482

Ion Ratio Lower Upper

152 100

151 21.3 17.2 25.8

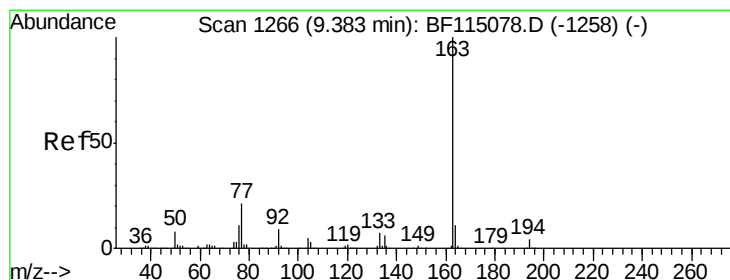
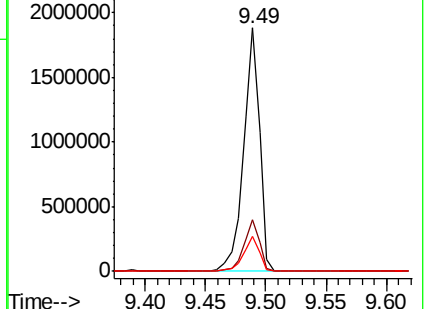
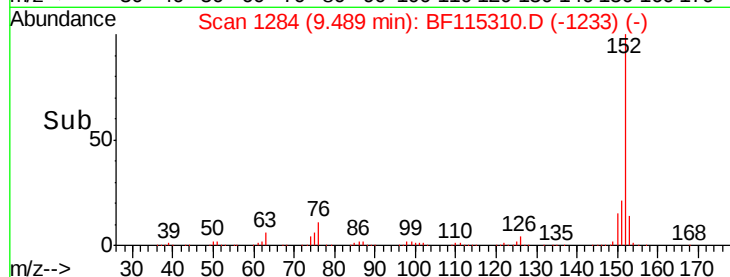
153 14.3 11.0 16.6



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 44.526 ng

RT: 9.37 min Scan# 1263

Delta R.T. 0.01 min

Lab File: BF115310.D

Acq: 29 Jun 2019 9:14

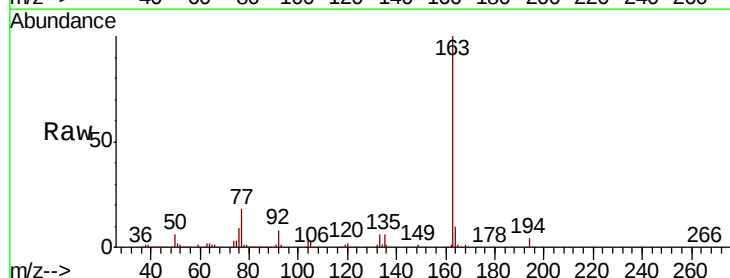
Tgt Ion:163 Resp: 1238450

Ion Ratio Lower Upper

163 100

194 4.2 3.2 4.8

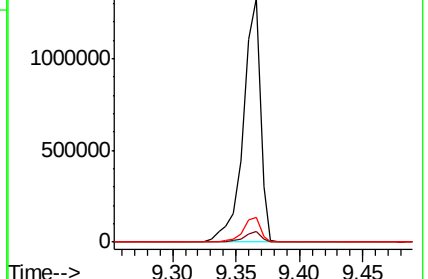
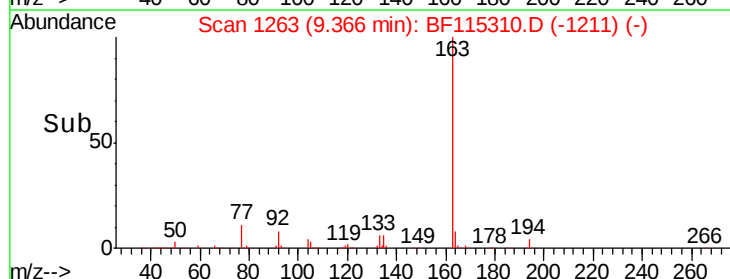
164 10.1 8.6 13.0

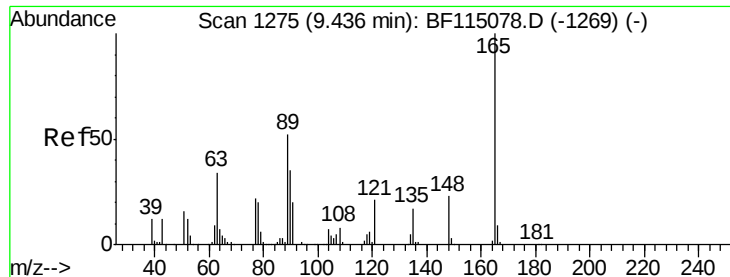


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

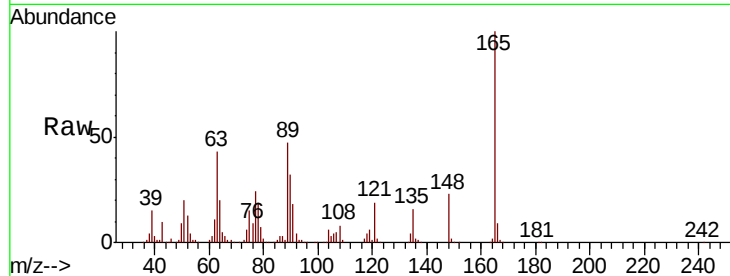




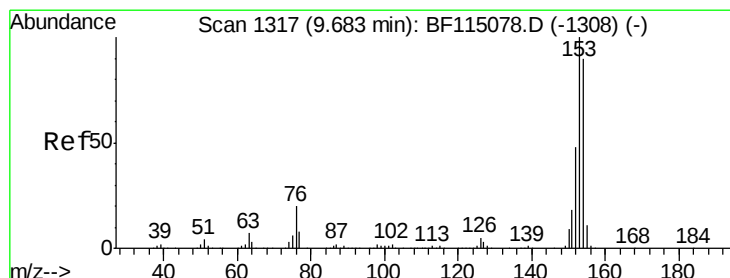
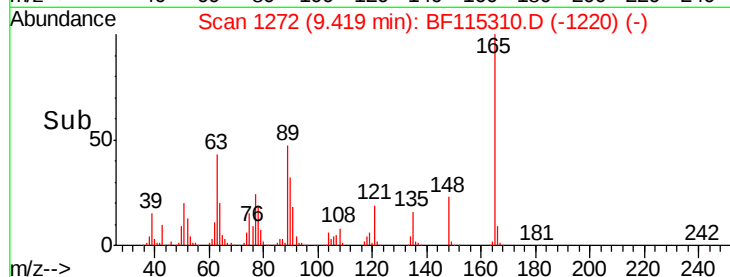
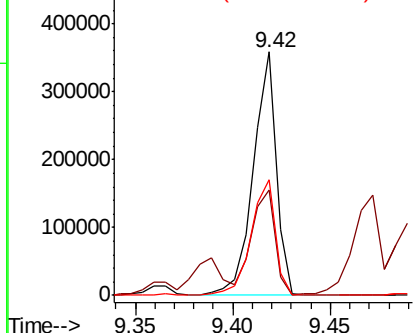
#51
2,6-Dinitrotoluene
Concen: 45.986 ng
RT: 9.42 min Scan# 1272
Delta R.T. 0.01 min
Lab File: BF115310.D
Acq: 29 Jun 2019 9:14

Instrument :
BNA_F
ClientSampleId :
PB121004BSD

Tgt Ion:165 Resp: 295296
Ion Ratio Lower Upper
165 100
63 43.2 39.4 59.2
89 47.3 42.0 63.0

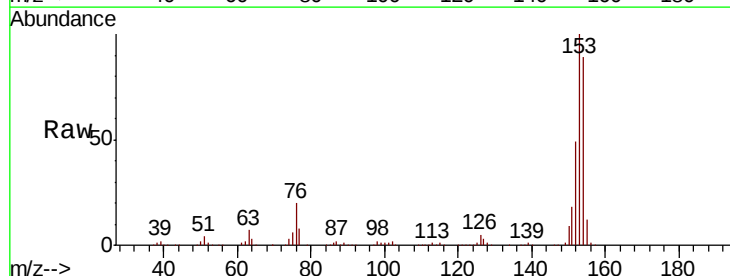


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1

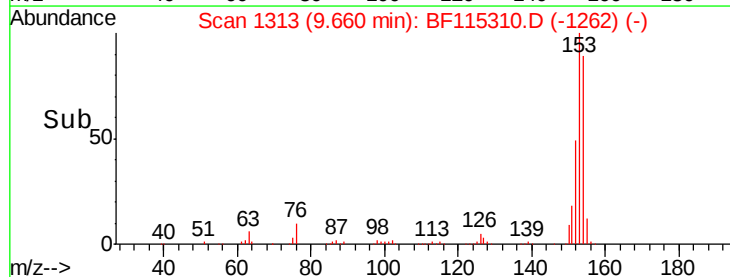
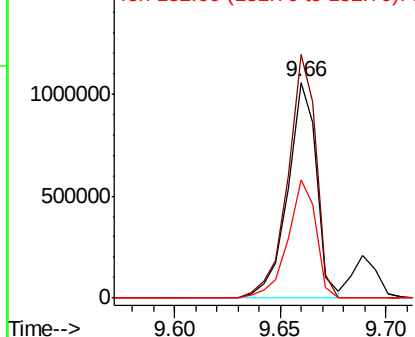


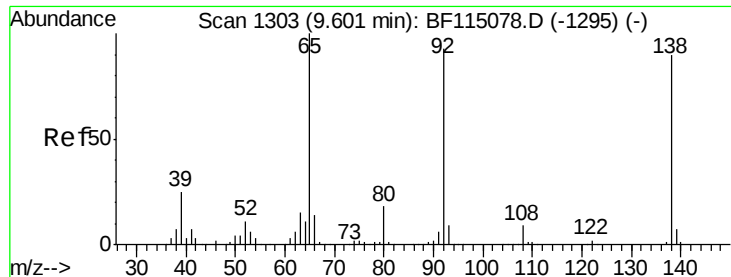
#52
Acenaphthene
Concen: 42.229 ng
RT: 9.66 min Scan# 1313
Delta R.T. 0.00 min
Lab File: BF115310.D
Acq: 29 Jun 2019 9:14

Tgt Ion:154 Resp: 1010199
Ion Ratio Lower Upper
154 100
153 112.7 88.7 133.1
152 54.9 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

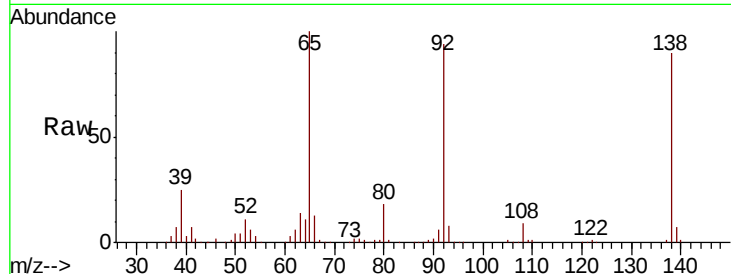




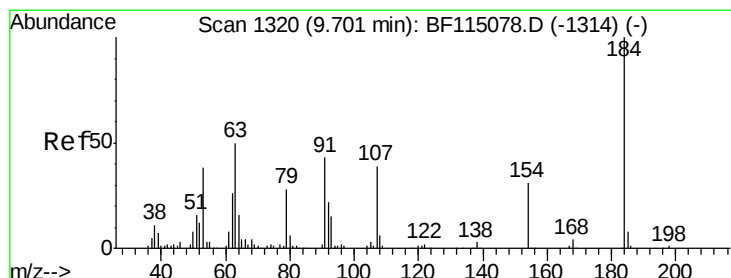
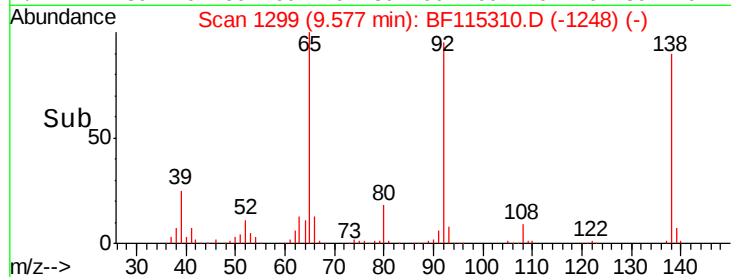
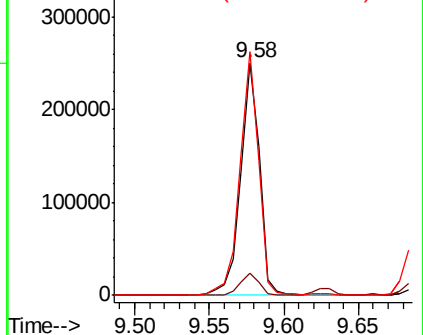
#53
 3-Nitroaniline
 Concen: 28.256 ng
 RT: 9.58 min Scan# 1299
 Delta R.T. 0.00 min
 Lab File: BF115310.D
 Acq: 29 Jun 2019 9:14

Instrument :
 BNA_F
 ClientSampleId :
 PB121004BSD

Tgt Ion:138 Resp: 221418
 Ion Ratio Lower Upper
 138 100
 108 9.5 7.8 11.6
 92 104.8 82.9 124.3

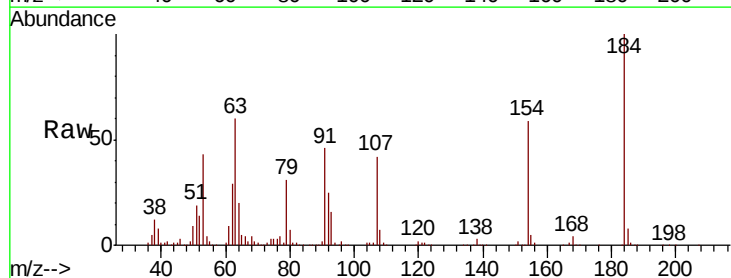


Abundance Ion 138.00 (137.70 to 138.70): E
 Ion 108.00 (107.70 to 108.70): E
 Ion 92.00 (91.70 to 92.70): BF1

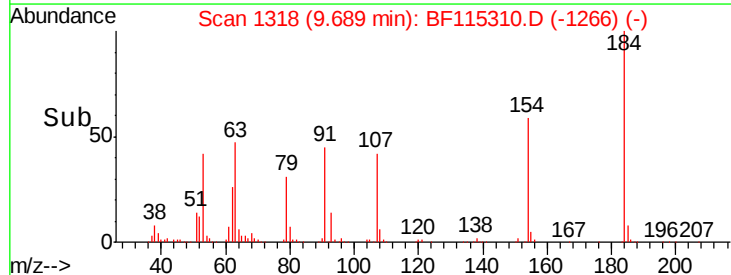
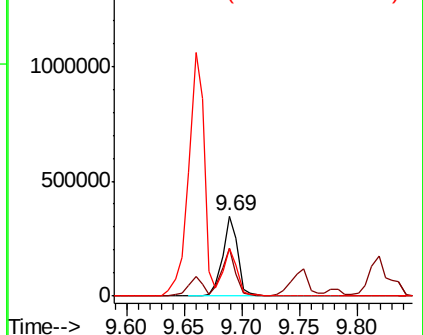


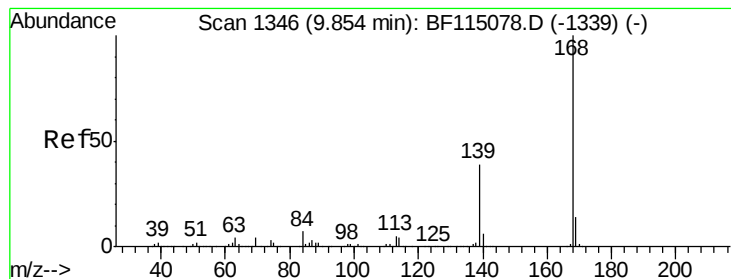
#54
 2,4-Dinitrophenol
 Concen: 94.592 ng
 RT: 9.69 min Scan# 1318
 Delta R.T. 0.01 min
 Lab File: BF115310.D
 Acq: 29 Jun 2019 9:14

Tgt Ion:184 Resp: 317428
 Ion Ratio Lower Upper
 184 100
 63 60.3 41.9 62.9
 154 59.4 44.7 67.1



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





#55

Dibenzofuran

Concen: 44.033 ng

RT: 9.84 min Scan# 1343

Delta R.T. 0.01 min

Lab File: BF115310.D

Acq: 29 Jun 2019 9:14

Instrument :

BNA_F

ClientSampleId :

PB121004BSD

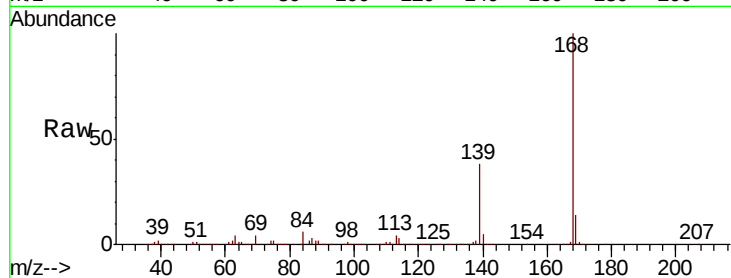
Tgt Ion:168 Resp: 1511868

Ion Ratio Lower Upper

168 100

139 38.3 31.1 46.7

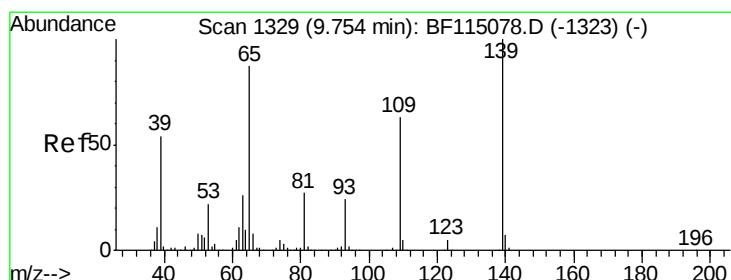
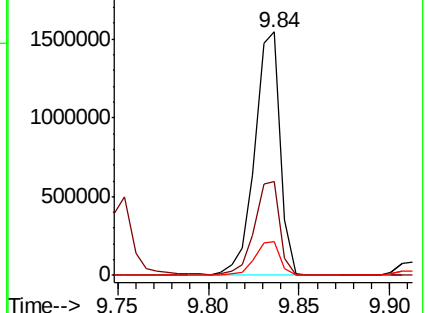
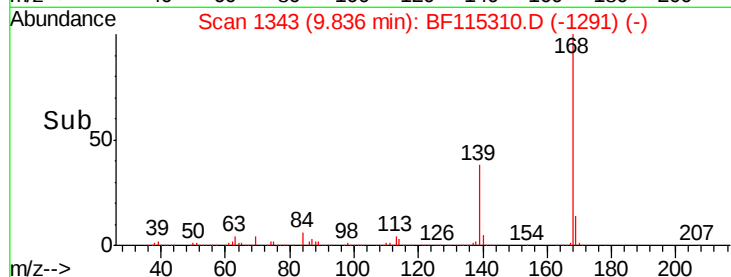
169 14.0 11.3 16.9



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: 84.431 ng

RT: 9.75 min Scan# 1329

Delta R.T. 0.02 min

Lab File: BF115310.D

Acq: 29 Jun 2019 9:14

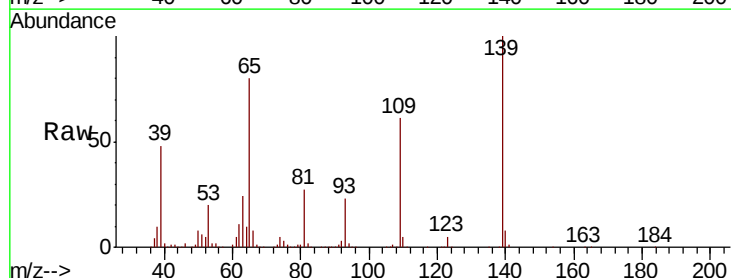
Tgt Ion:139 Resp: 530419

Ion Ratio Lower Upper

139 100

109 61.4 43.0 83.0

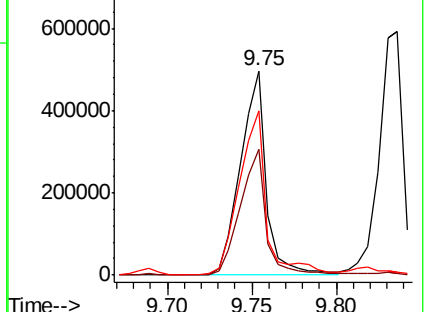
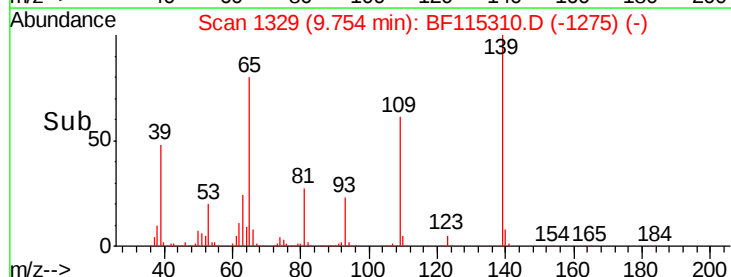
65 80.3 67.0 107.0

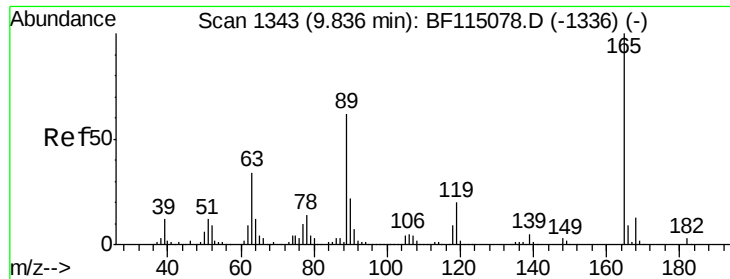


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

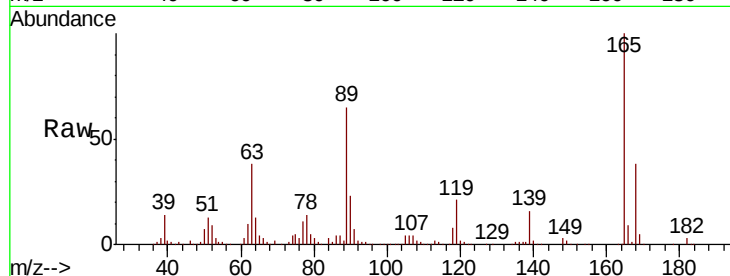




#57
2,4-Dinitrotoluene
Concen: 46.336 ng
RT: 9.82 min Scan# 1340
Delta R.T. 0.01 min
Lab File: BF115310.D
Acq: 29 Jun 2019 9:14

Instrument :
BNA_F
ClientSampleId :
PB121004BSD

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	384185		
63	38.3	27.5	41.3	
89	65.1	49.9	74.9	
182	2.5	2.1	3.1	

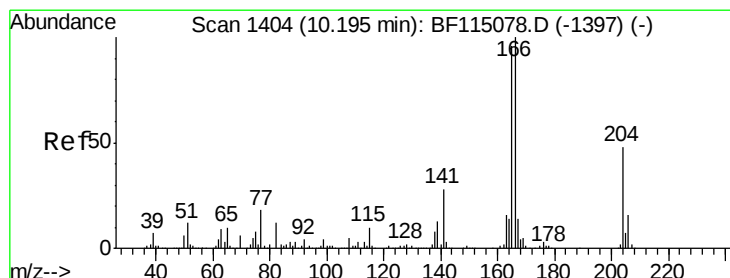
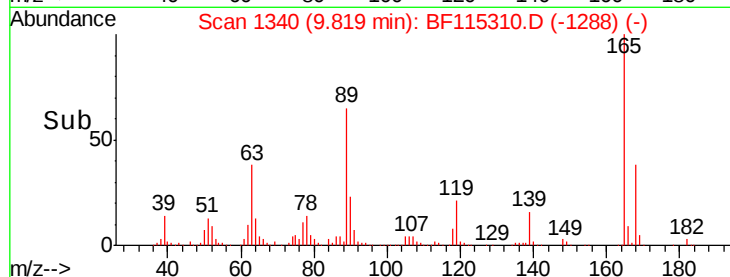
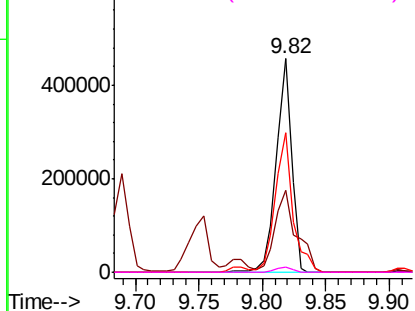


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

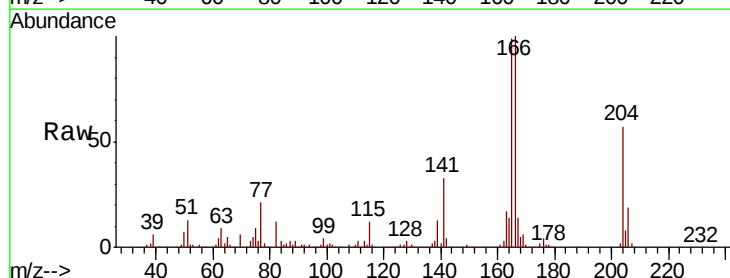
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 47.654 ng
RT: 10.17 min Scan# 1400
Delta R.T. 0.00 min
Lab File: BF115310.D
Acq: 29 Jun 2019 9:14

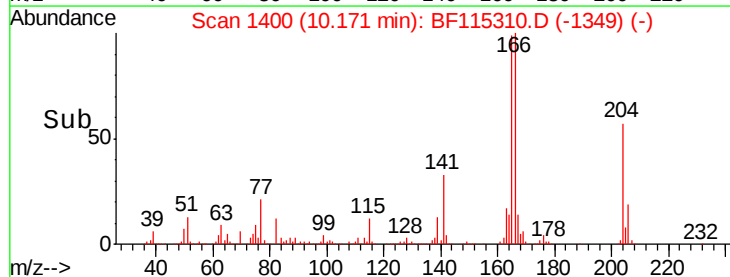
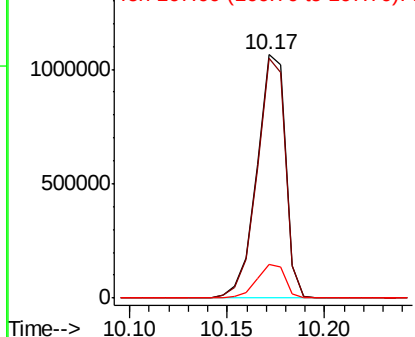
Tgt Ion	Ratio	Resp	Lower	Upper
166	100	1080471		
165	98.5	76.5	114.7	
167	13.9	11.0	16.4	



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

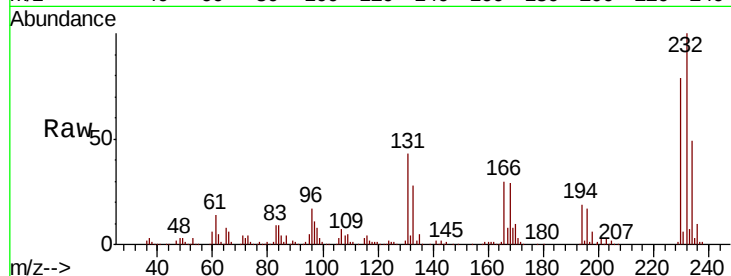




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 47.769 ng
 RT: 9.95 min Scan# 1363
 Delta R.T. 0.01 min
 Lab File: BF115310.D
 Acq: 29 Jun 2019 9:14

Instrument :
 BNA_F
 ClientSampleId :
 PB121004BSD

Tgt Ion	Ratio	Lower	Upper
232	100		
131	45.9	37.4	56.0
130	2.2	1.8	2.6
166	29.2	24.6	36.8



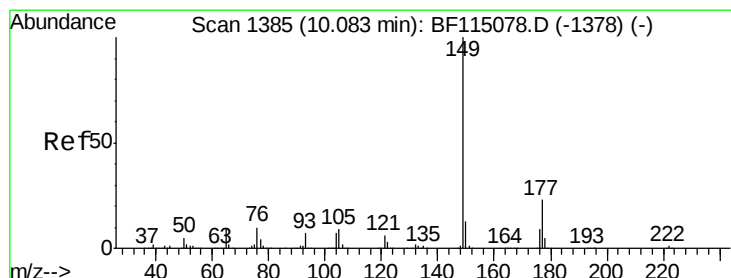
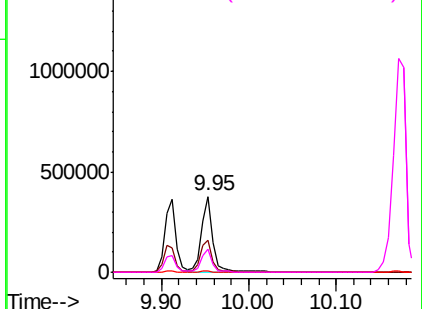
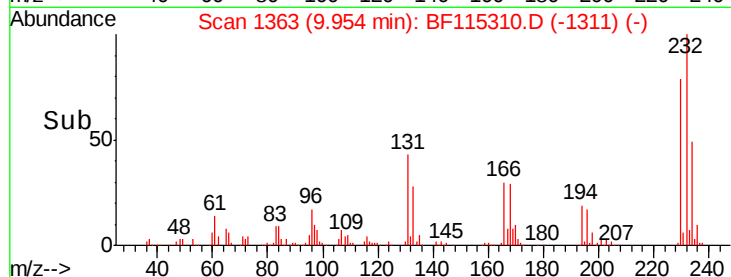
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

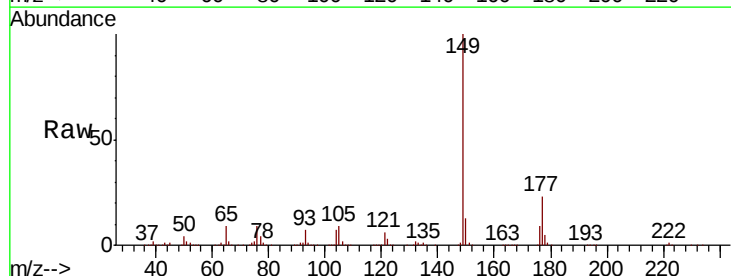
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
 Diethylphthalate
 Concen: 43.417 ng
 RT: 10.06 min Scan# 1381
 Delta R.T. 0.00 min
 Lab File: BF115310.D
 Acq: 29 Jun 2019 9:14

Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.8	18.7	28.1
150	12.9	10.4	15.6

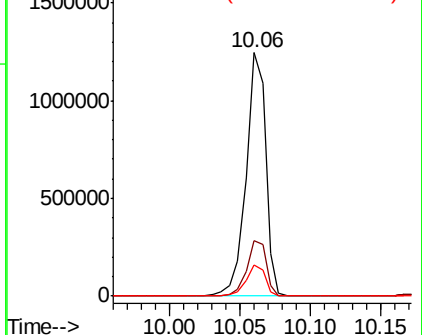
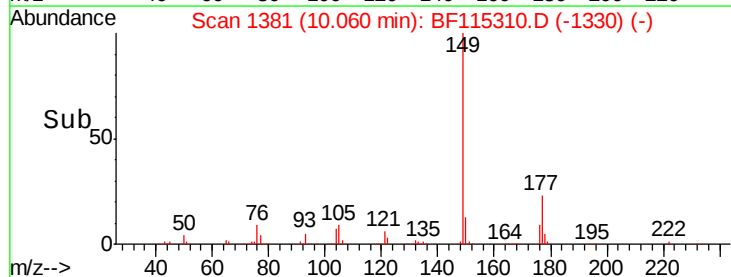


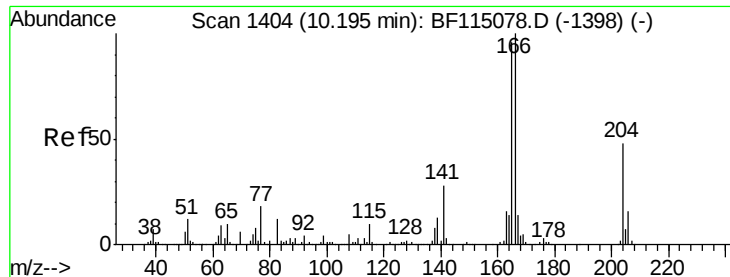
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

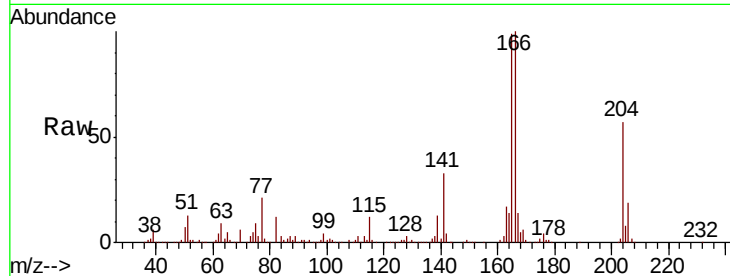




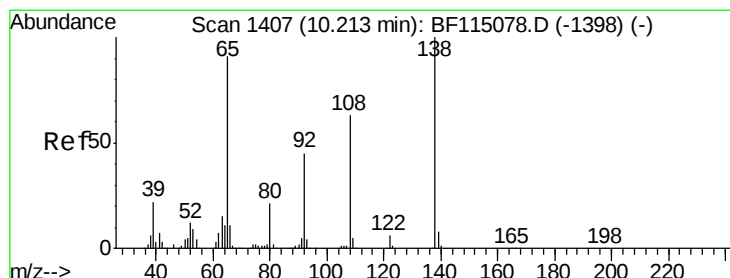
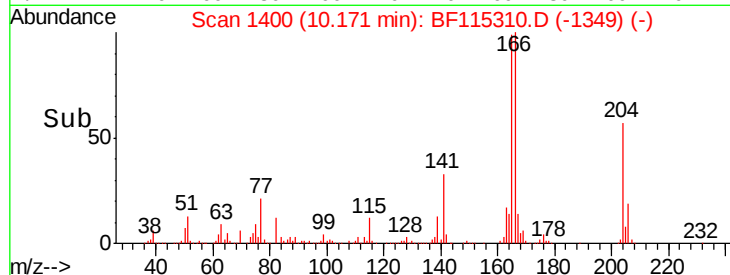
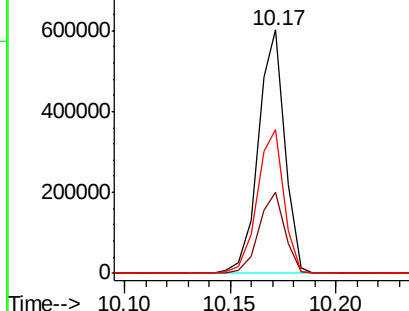
#61
 4-Chlorophenyl-phenylether
 Concen: 48.742 ng
 RT: 10.17 min Scan# 1400
 Delta R.T. 0.00 min
 Lab File: BF115310.D
 Acq: 29 Jun 2019 9:14

Instrument :
 BNA_F
 ClientSampleId :
 PB121004BSD

Tgt Ion:204 Resp: 523357
 Ion Ratio Lower Upper
 204 100
 206 33.1 26.6 40.0
 141 59.0 46.7 70.1

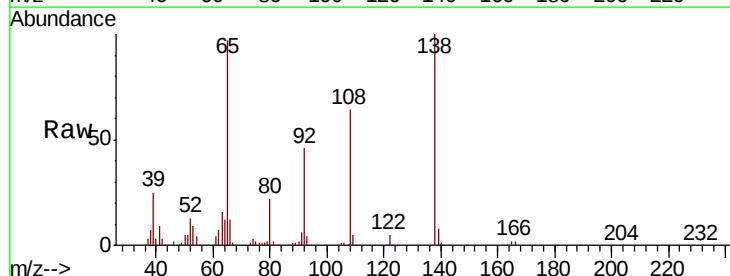


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

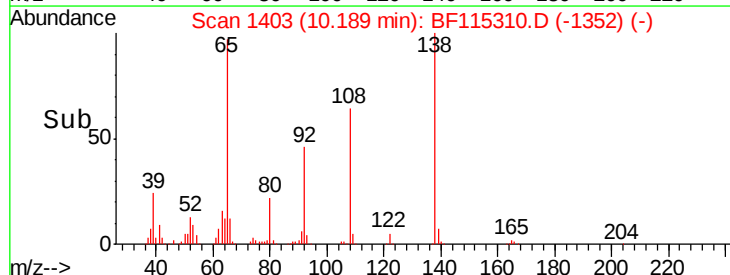
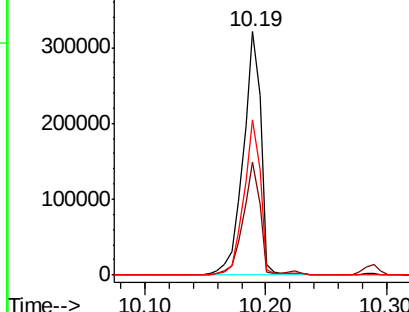


#62
 4-Nitroaniline
 Concen: 41.883 ng
 RT: 10.19 min Scan# 1403
 Delta R.T. 0.00 min
 Lab File: BF115310.D
 Acq: 29 Jun 2019 9:14

Tgt Ion:138 Resp: 329256
 Ion Ratio Lower Upper
 138 100
 92 46.3 24.8 64.8
 108 63.8 43.3 83.3



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

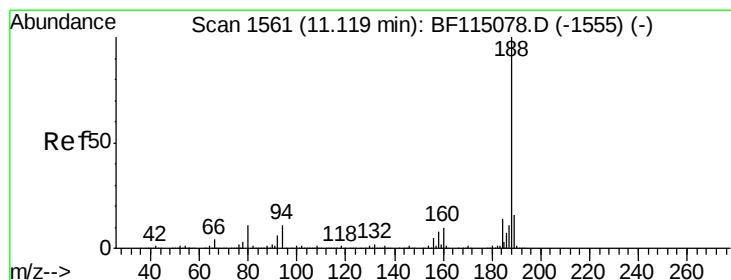
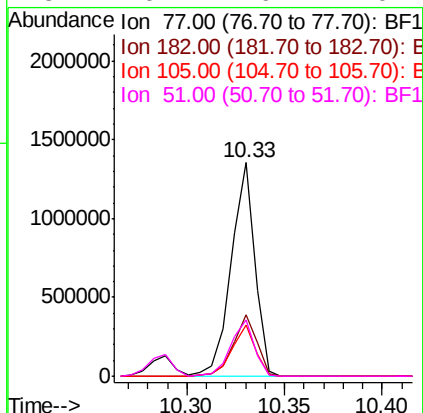
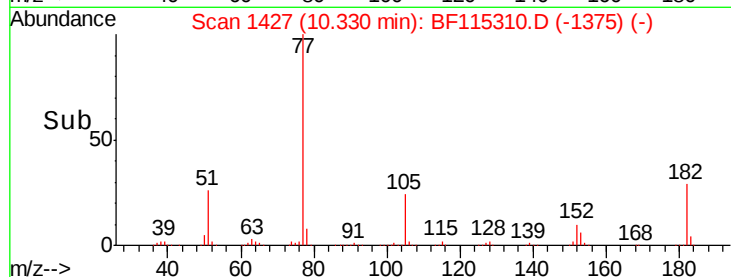
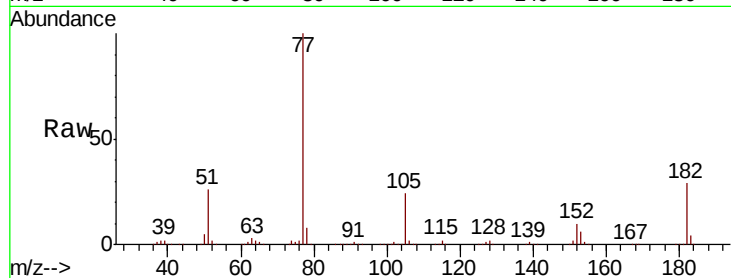




#63
Azobenzene
Concen: 43.692 ng
RT: 10.33 min Scan# 1427
Delta R.T. 0.01 min
Lab File: BF115310.D
Acq: 29 Jun 2019 9:14

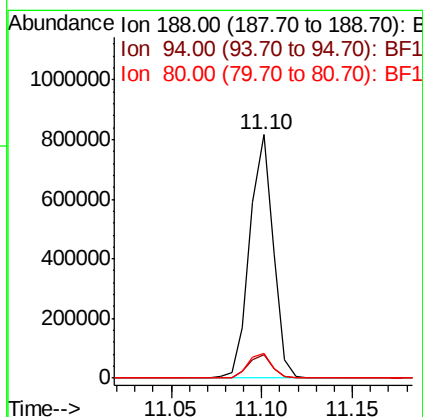
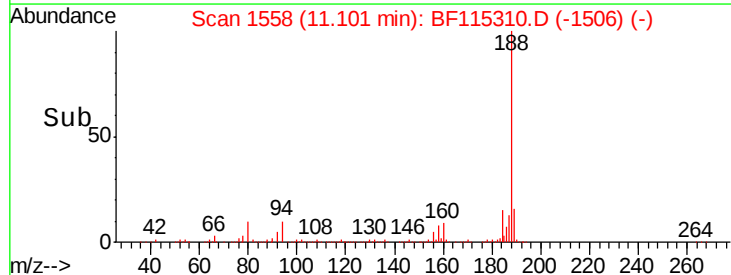
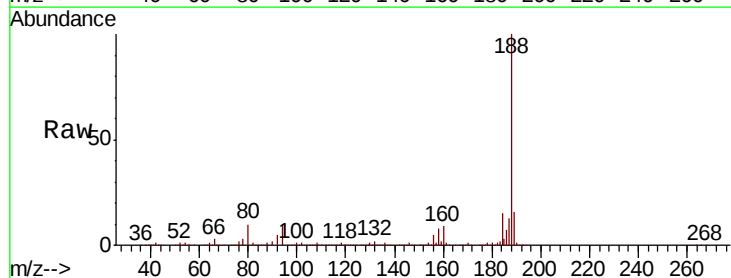
Instrument :
BNA_F
ClientSampleId :
PB121004BSD

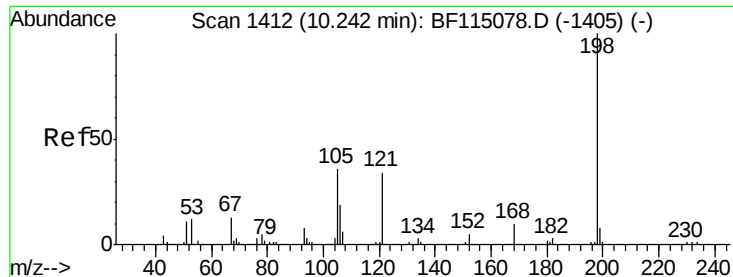
Tgt Ion: 77 Resp: 1140994
Ion Ratio Lower Upper
77 100
182 28.5 10.1 50.1
105 23.9 4.5 44.5
51 26.2 6.4 46.4



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.10 min Scan# 1558
Delta R.T. 0.01 min
Lab File: BF115310.D
Acq: 29 Jun 2019 9:14

Tgt Ion: 188 Resp: 736298
Ion Ratio Lower Upper
188 100
94 9.6 8.6 12.8
80 9.9 8.8 13.2

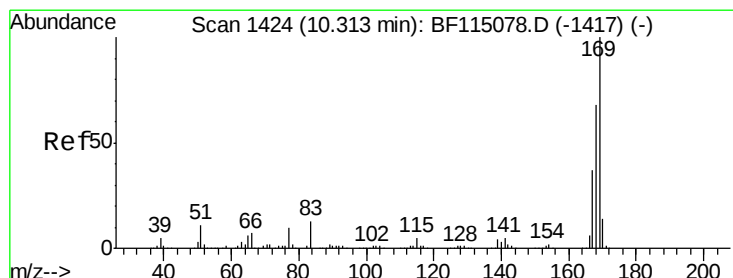
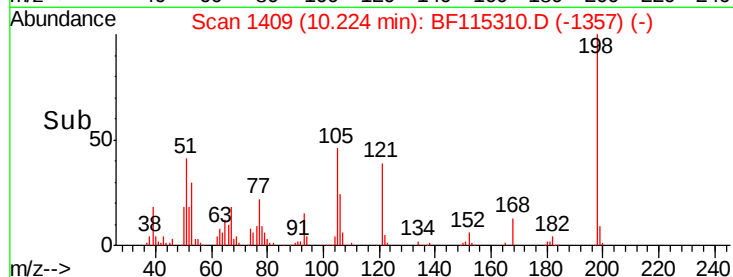
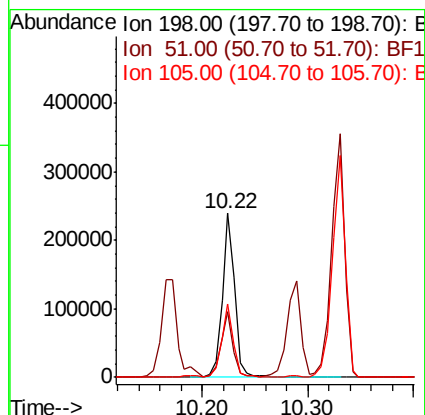
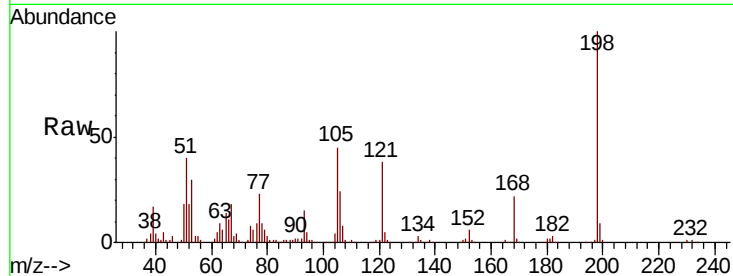




#65
4,6-Dinitro-2-methylphenol
Concen: 50.872 ng
RT: 10.22 min Scan# 1409
Delta R.T. 0.01 min
Lab File: BF115310.D
Acq: 29 Jun 2019 9:14

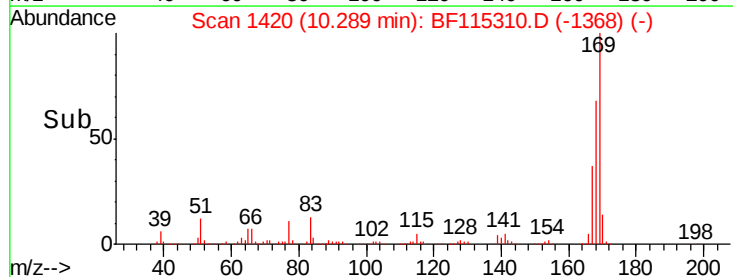
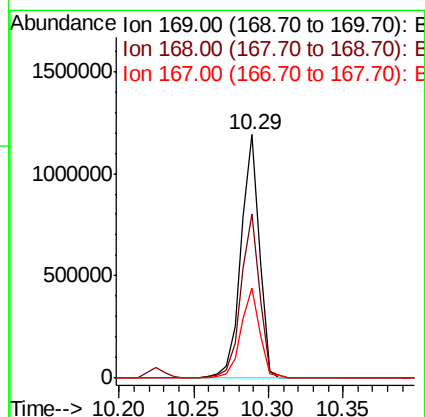
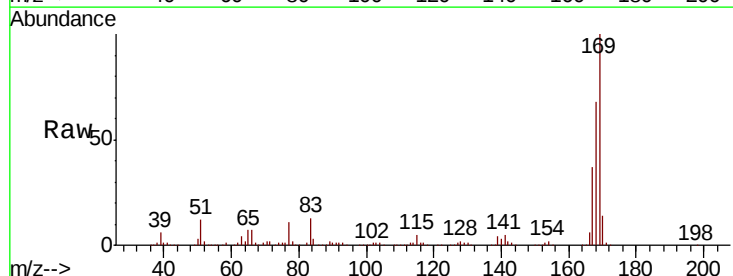
Instrument :
BNA_F
ClientSampleId :
PB121004BSD

Tgt Ion:198 Resp: 200598
Ion Ratio Lower Upper
198 100
51 40.3 11.0 51.0
105 44.9 17.3 57.3



#66
n-Nitrosodiphenylamine
Concen: 44.761 ng
RT: 10.29 min Scan# 1420
Delta R.T. 0.01 min
Lab File: BF115310.D
Acq: 29 Jun 2019 9:14

Tgt Ion:169 Resp: 1026787
Ion Ratio Lower Upper
169 100
168 67.7 54.2 81.4
167 37.0 29.4 44.0

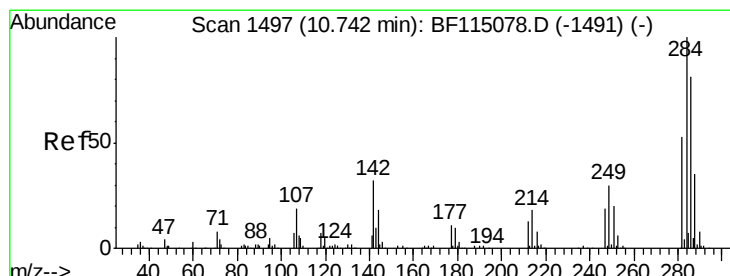
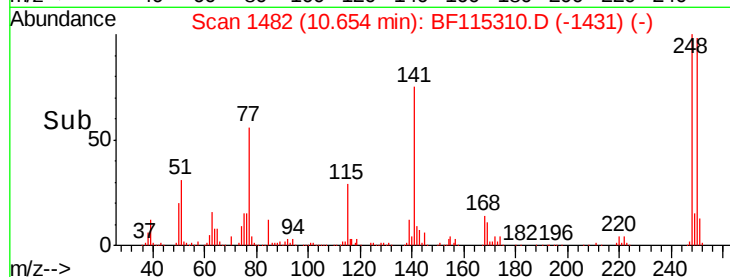
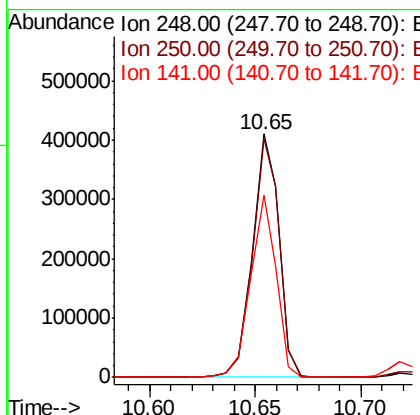
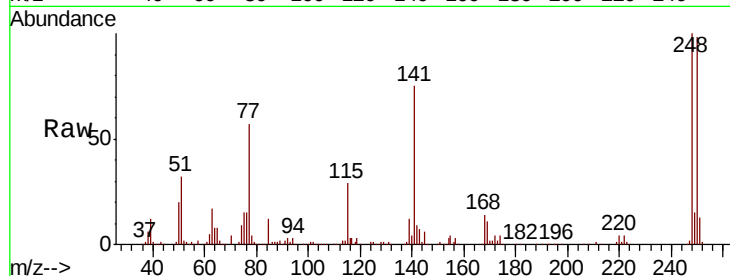




#67
 4-Bromophenyl-phenylether
 Concen: 44.858 ng
 RT: 10.65 min Scan# 1482
 Delta R.T. 0.00 min
 Lab File: BF115310.D
 Acq: 29 Jun 2019 9:14

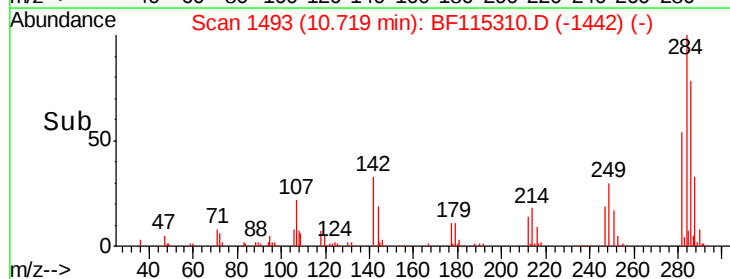
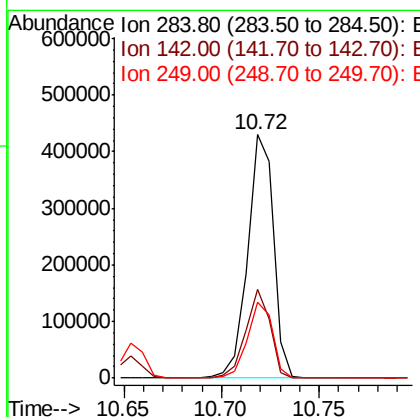
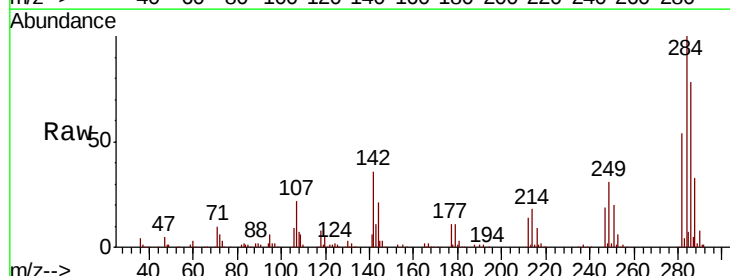
Instrument :
 BNA_F
 ClientSampleId :
 PB121004BSD

Tgt Ion: 248 Resp: 358099
 Ion Ratio Lower Upper
 248 100
 250 98.1 76.2 114.2
 141 74.8 59.6 89.4



#68
 Hexachlorobenzene
 Concen: 45.465 ng
 RT: 10.72 min Scan# 1493
 Delta R.T. 0.00 min
 Lab File: BF115310.D
 Acq: 29 Jun 2019 9:14

Tgt Ion: 284 Resp: 393952
 Ion Ratio Lower Upper
 284 100
 142 36.4 25.8 38.8
 249 31.3 24.2 36.4

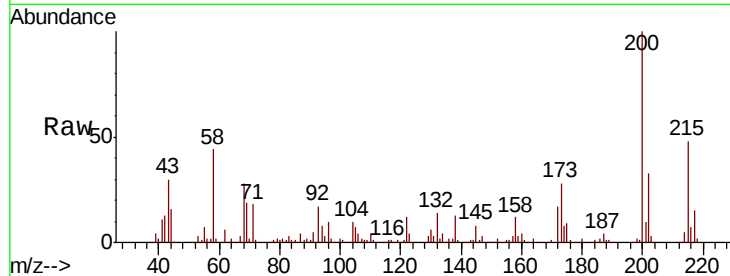




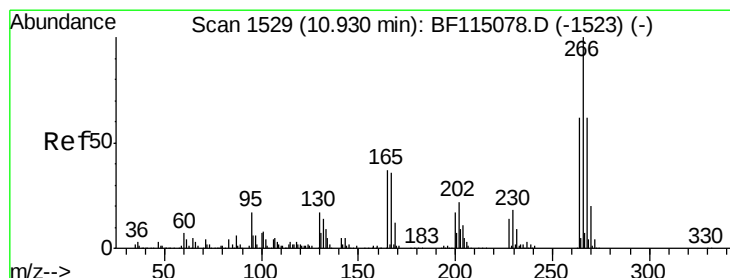
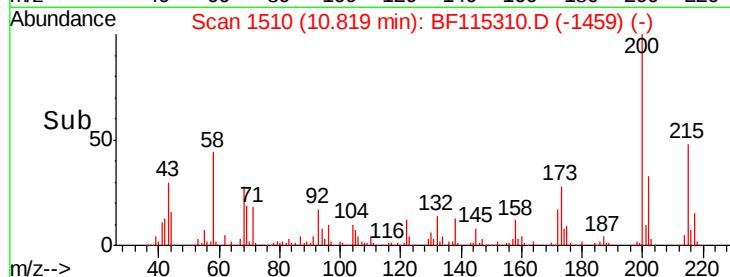
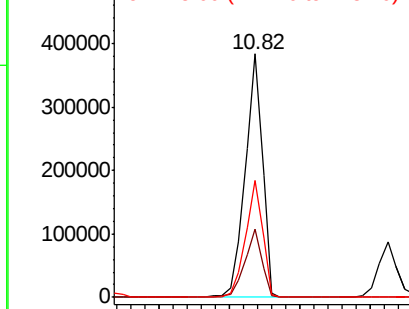
#69
 Atrazine
 Concen: 44.514 ng
 RT: 10.82 min Scan# 1510
 Delta R.T. 0.00 min
 Lab File: BF115310.D
 Acq: 29 Jun 2019 9:14

Instrument :
 BNA_F
 ClientSampleId :
 PB121004BSD

Tgt Ion	Ratio	Lower	Upper
200	100		
173	28.2	7.4	47.4
215	47.8	27.8	67.8

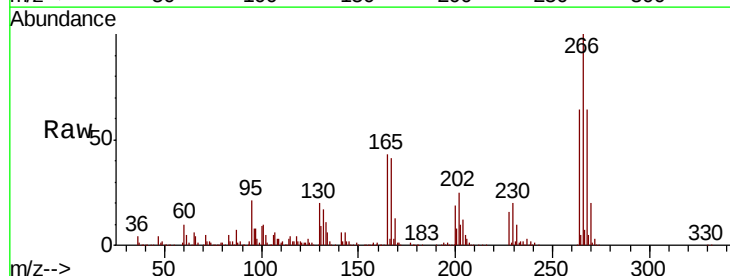


Abundance Ion 200.00 (199.70 to 200.70): E
 Ion 173.00 (172.70 to 173.70): E
 Ion 215.00 (214.70 to 215.70): E

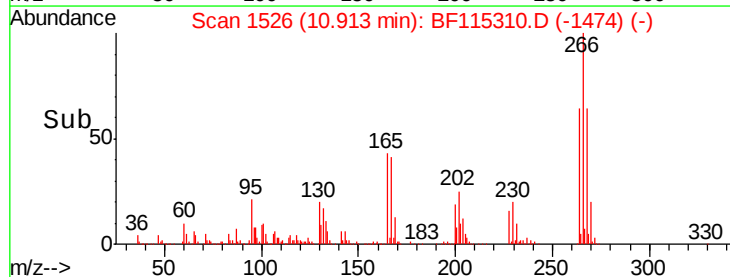
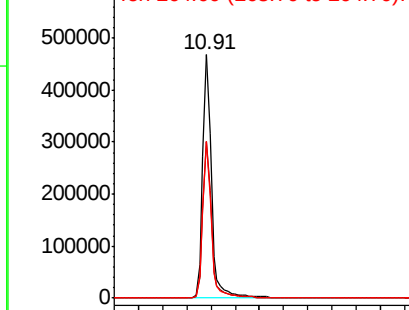


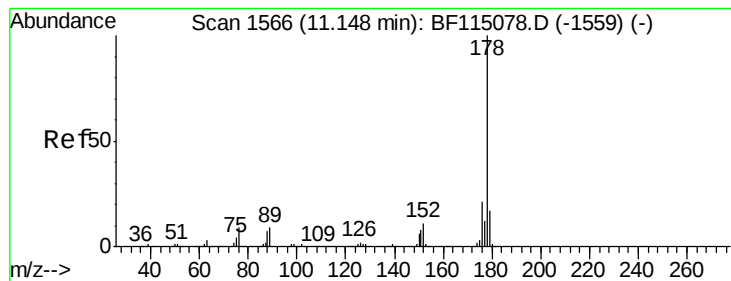
#70
 Pentachlorophenol
 Concen: 87.203 ng
 RT: 10.91 min Scan# 1526
 Delta R.T. 0.01 min
 Lab File: BF115310.D
 Acq: 29 Jun 2019 9:14

Tgt Ion	Ratio	Lower	Upper
266	100		
268	64.5	49.5	74.3
264	64.4	49.3	73.9



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: 42.814 ng

RT: 11.12 min Scan# 1562

Delta R.T. 0.00 min

Lab File: BF115310.D

Acq: 29 Jun 2019 9:14

Instrument :

BNA_F

ClientSampleId :

PB121004BSD

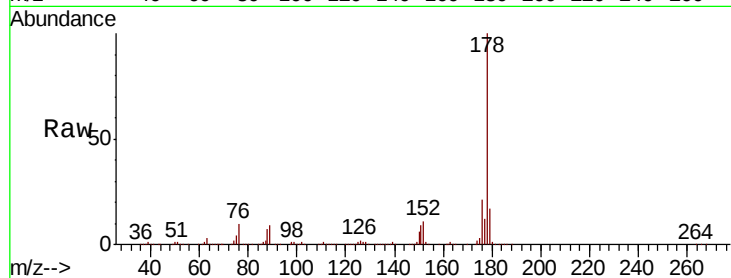
Tgt Ion:178 Resp: 1697304

Ion Ratio Lower Upper

178 100

176 20.8 16.9 25.3

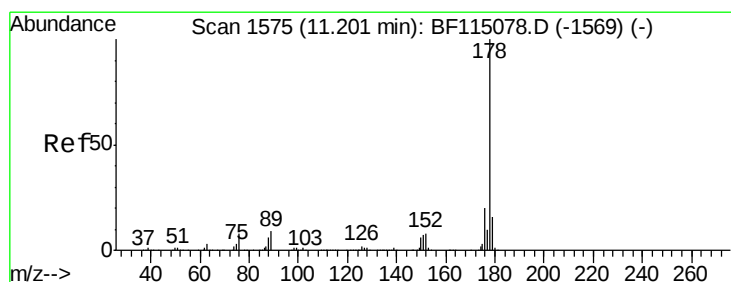
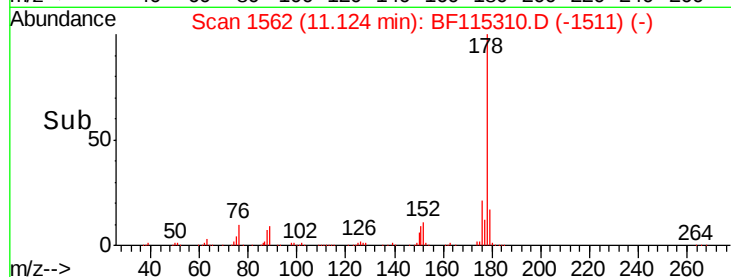
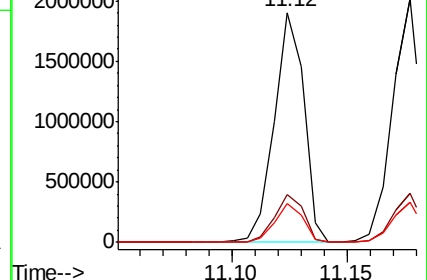
179 16.7 13.2 19.8



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: 43.949 ng

RT: 11.18 min Scan# 1571

Delta R.T. 0.01 min

Lab File: BF115310.D

Acq: 29 Jun 2019 9:14

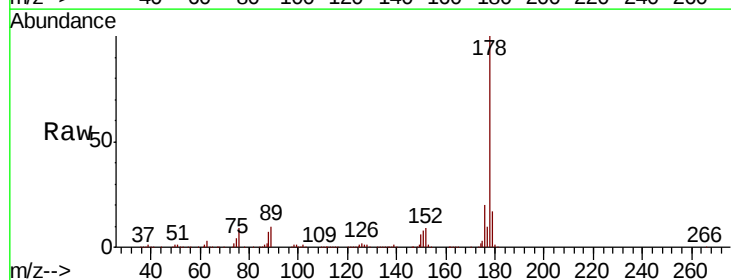
Tgt Ion:178 Resp: 1758733

Ion Ratio Lower Upper

178 100

176 20.2 16.1 24.1

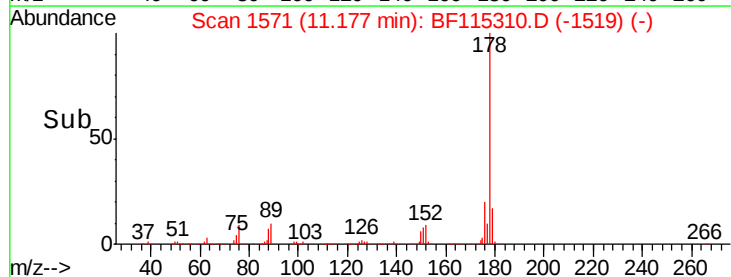
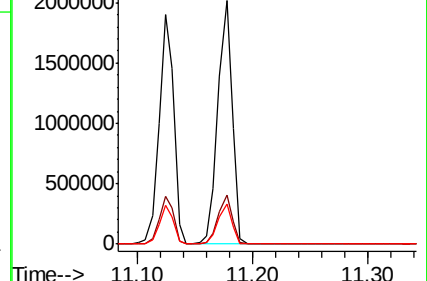
179 16.6 12.9 19.3



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

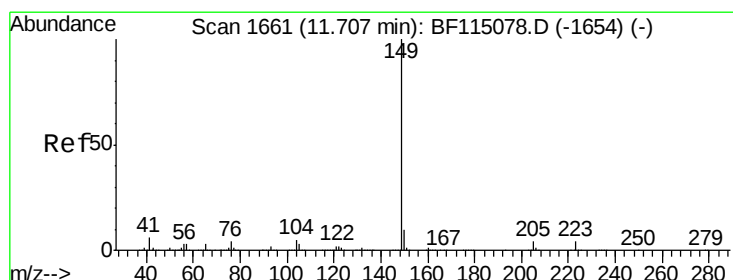
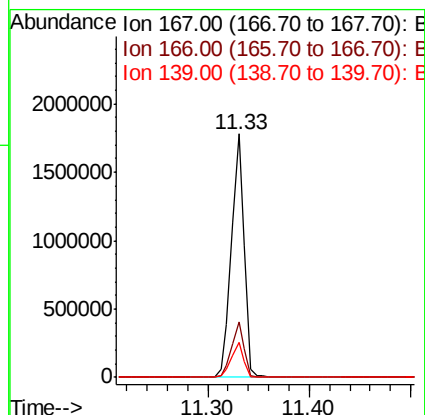
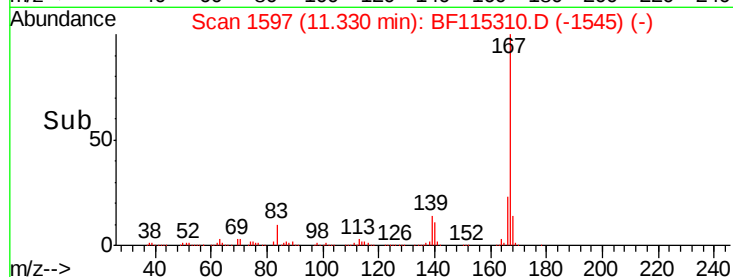
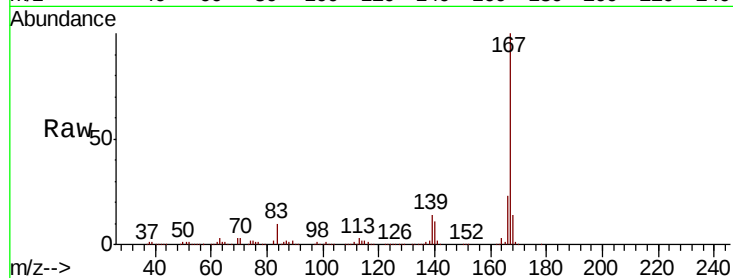




#73
 Carbazole
 Concen: 43.952 ng
 RT: 11.33 min Scan# 1597
 Delta R.T. 0.01 min
 Lab File: BF115310.D
 Acq: 29 Jun 2019 9:14

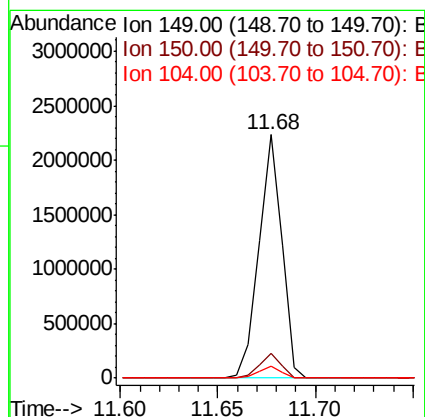
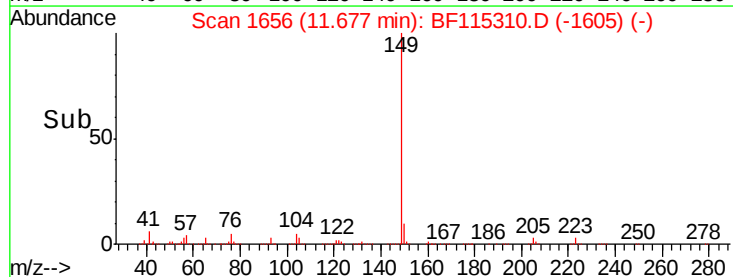
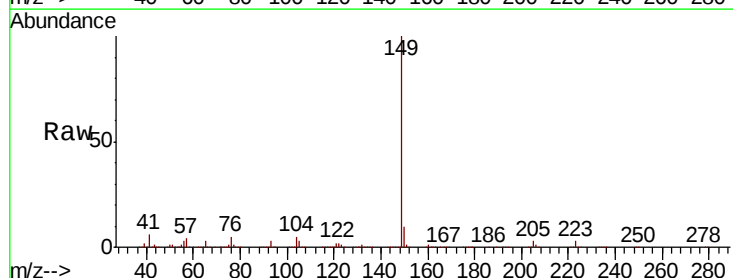
Instrument :
 BNA_F
 ClientSampleId :
 PB121004BSD

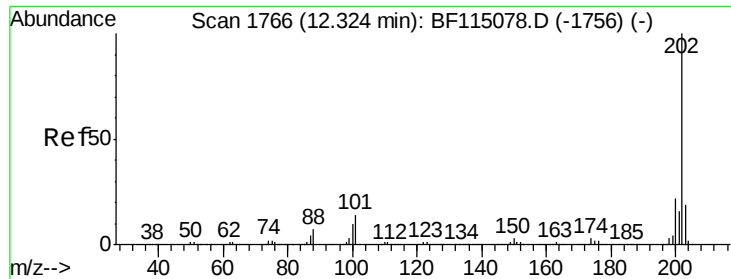
Tgt Ion:167 Resp: 1570583
 Ion Ratio Lower Upper
 167 100
 166 22.7 18.0 27.0
 139 14.1 11.1 16.7



#74
 Di-n-butylphthalate
 Concen: 44.057 ng
 RT: 11.68 min Scan# 1656
 Delta R.T. 0.00 min
 Lab File: BF115310.D
 Acq: 29 Jun 2019 9:14

Tgt Ion:149 Resp: 1819236
 Ion Ratio Lower Upper
 149 100
 150 10.0 7.8 11.8
 104 4.7 3.7 5.5





#75

Fluoranthene

Concen: 44.396 ng

RT: 12.31 min Scan# 1763

Delta R.T. 0.01 min

Lab File: BF115310.D

Acq: 29 Jun 2019 9:14

Instrument :

BNA_F

ClientSampleId :

PB121004BSD

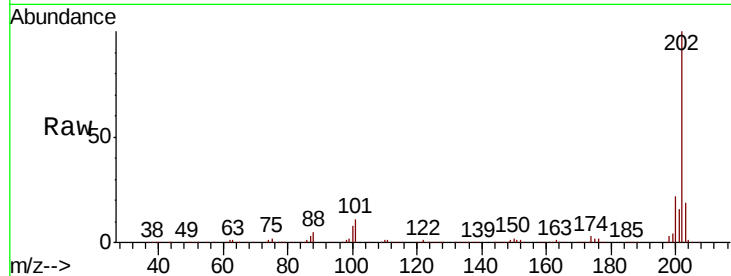
Tgt Ion: 202 Resp: 1756040

Ion Ratio Lower Upper

202 100

101 11.3 0.0 34.0

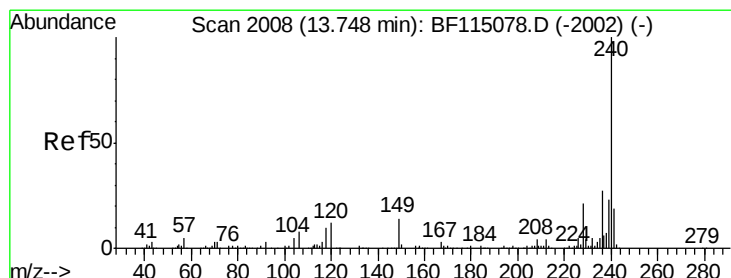
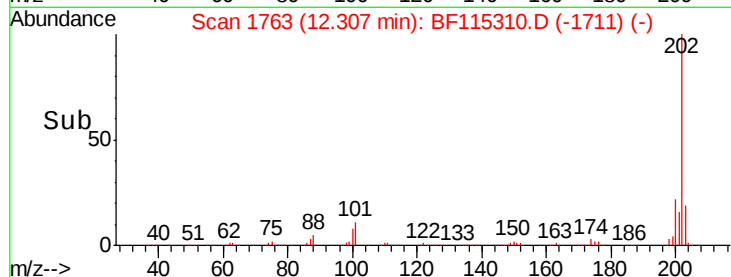
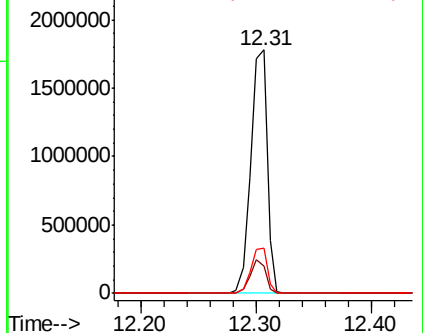
203 18.5 0.0 38.8



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: 13.72 min Scan# 2003

Delta R.T. 0.00 min

Lab File: BF115310.D

Acq: 29 Jun 2019 9:14

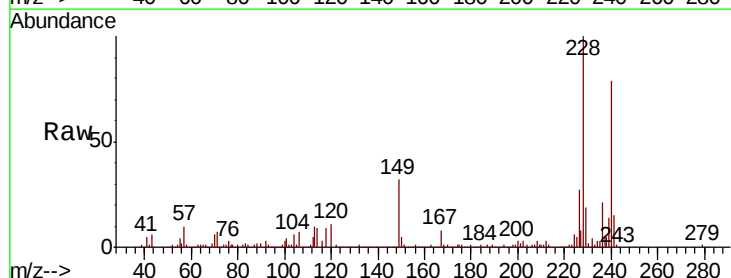
Tgt Ion: 240 Resp: 523007

Ion Ratio Lower Upper

240 100

120 13.9 9.4 14.2

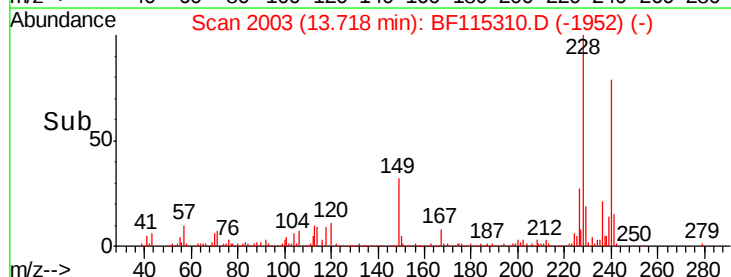
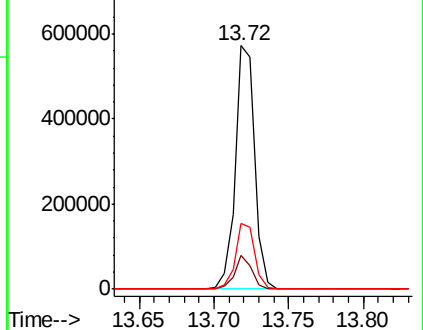
236 27.0 21.7 32.5

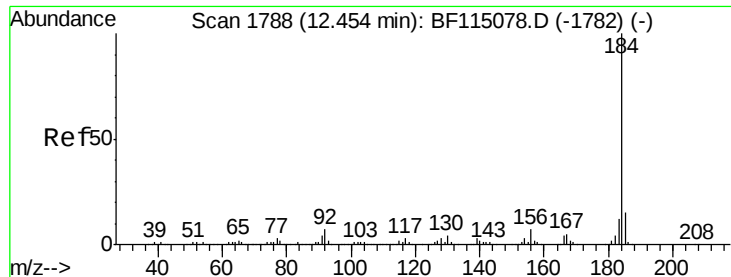


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 37.927 ng

RT: 12.43 min Scan# 1784

Delta R.T. 0.01 min

Lab File: BF115310.D

Acq: 29 Jun 2019 9:14

Instrument :

BNA_F

ClientSampleId :

PB121004BSD

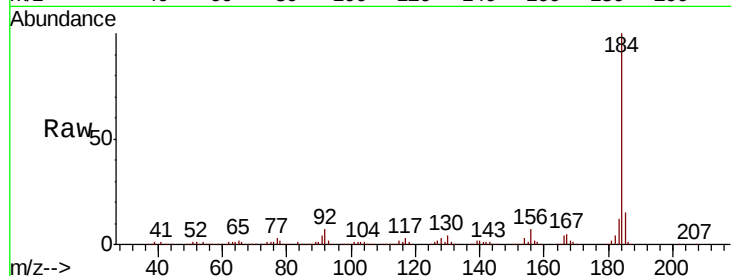
Tgt Ion:184 Resp: 880790

Ion Ratio Lower Upper

184 100

185 15.4 12.2 18.2

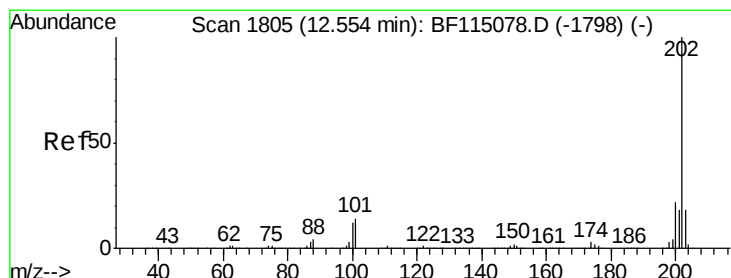
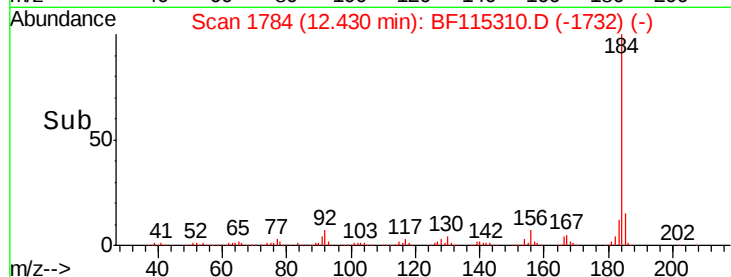
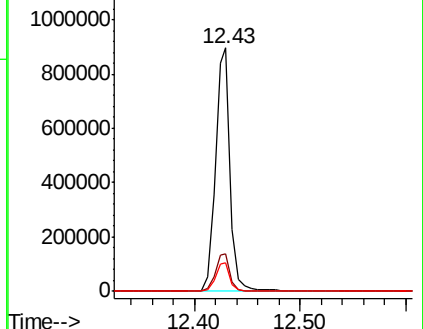
183 11.8 9.6 14.4



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: 44.518 ng

RT: 12.53 min Scan# 1801

Delta R.T. 0.01 min

Lab File: BF115310.D

Acq: 29 Jun 2019 9:14

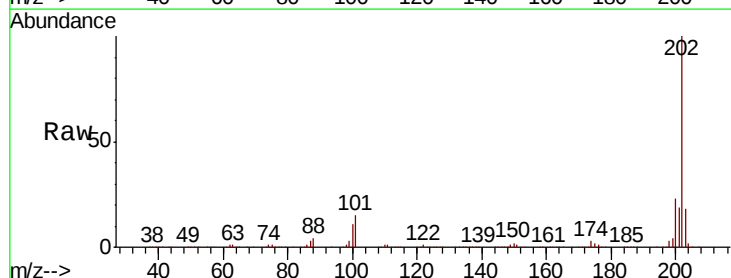
Tgt Ion:202 Resp: 1789346

Ion Ratio Lower Upper

202 100

200 22.8 17.9 26.9

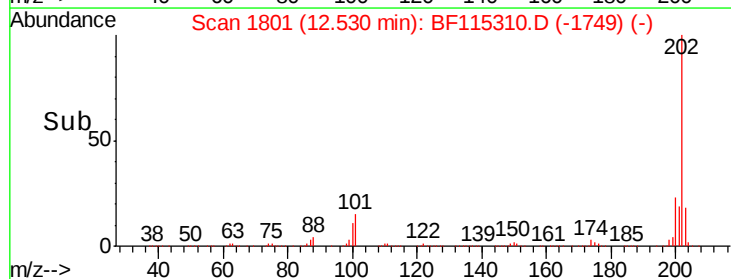
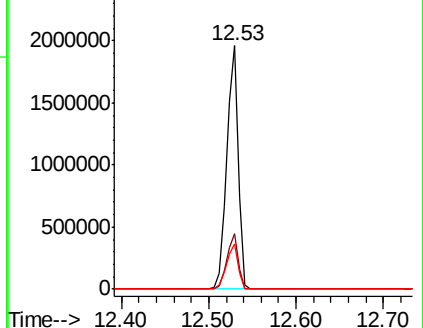
203 18.5 14.6 21.8



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: 87.435 ng

RT: 12.68 min Scan# 1827

Delta R.T. 0.00 min

Lab File: BF115310.D

Acq: 29 Jun 2019 9:14

Instrument :

BNA_F

ClientSampleId :

PB121004BSD

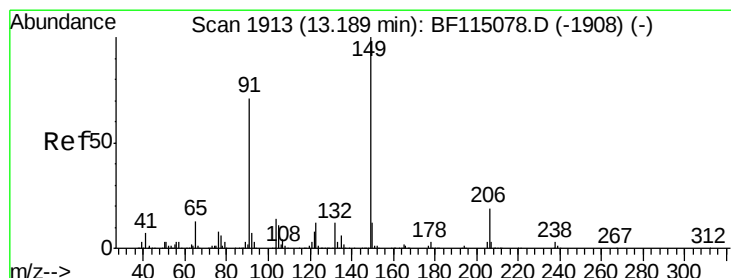
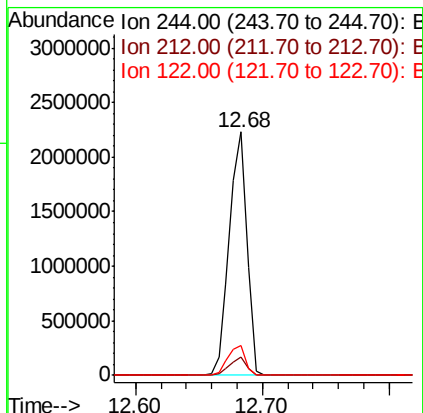
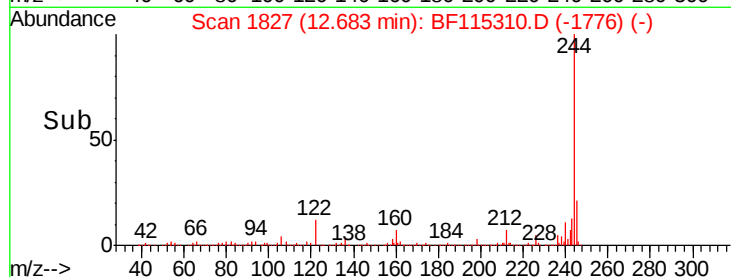
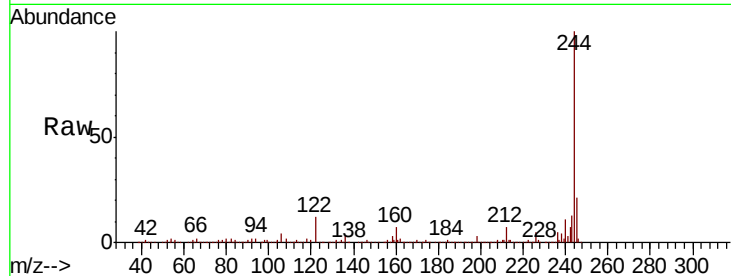
Tgt Ion:244 Resp: 2150791

Ion Ratio Lower Upper

244 100

212 7.3 5.8 8.6

122 12.1 10.4 15.6



#80

Butylbenzylphthalate

Concen: 45.353 ng

RT: 13.16 min Scan# 1908

Delta R.T. 0.00 min

Lab File: BF115310.D

Acq: 29 Jun 2019 9:14

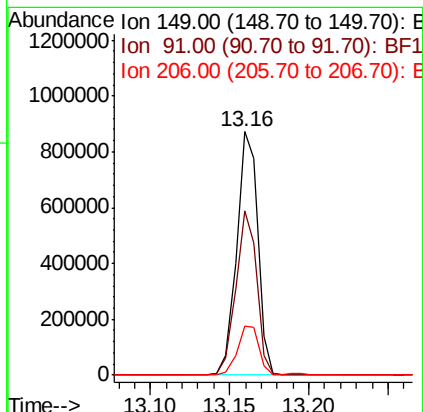
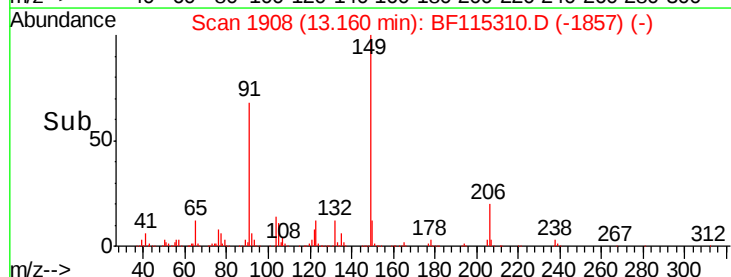
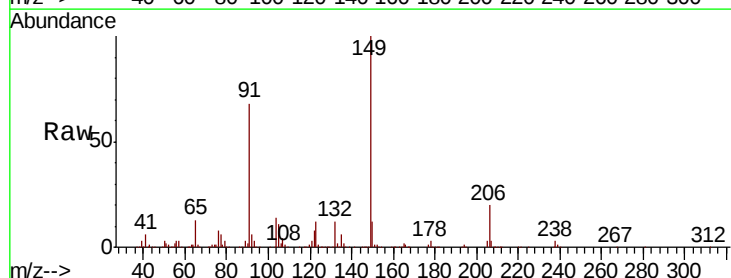
Tgt Ion:149 Resp: 804452

Ion Ratio Lower Upper

149 100

91 67.7 56.5 84.7

206 19.9 15.3 22.9





#81

Benzo(a)anthracene

Concen: 43.746 ng

RT: 13.71 min Scan# 2002

Delta R.T. 0.01 min

Lab File: BF115310.D

Acq: 29 Jun 2019 9:14

Instrument :

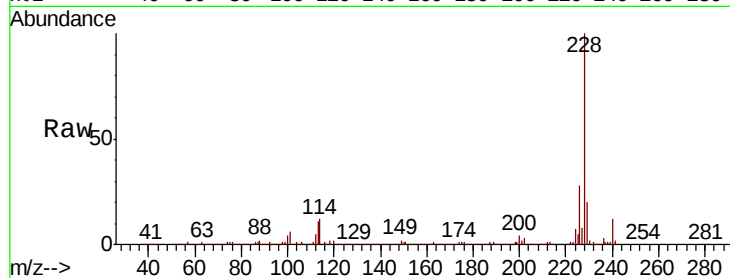
BNA_F

ClientSampleId :

PB121004BSD

Tgt Ion:228 Resp: 1641670

Ion	Ratio	Lower	Upper
228	100		
226	28.1	22.5	33.7
229	20.4	16.6	24.8

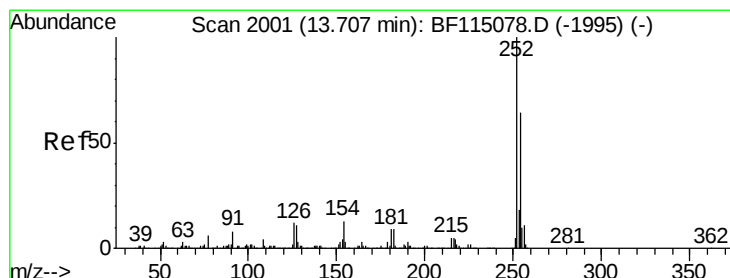
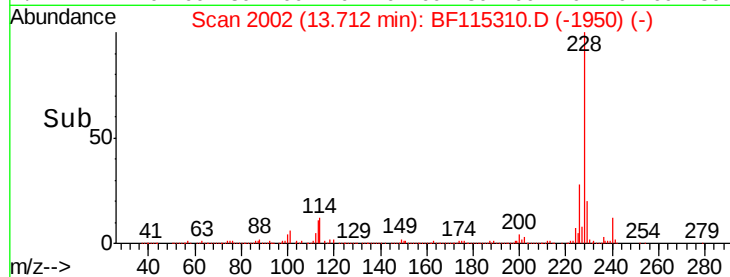
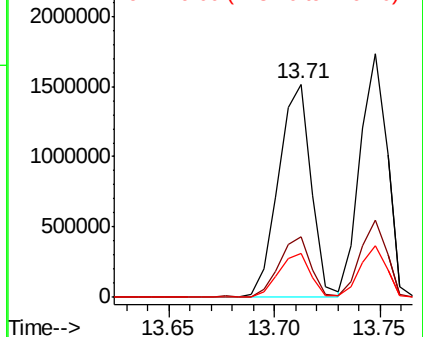


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 34.194 ng

RT: 13.68 min Scan# 1996

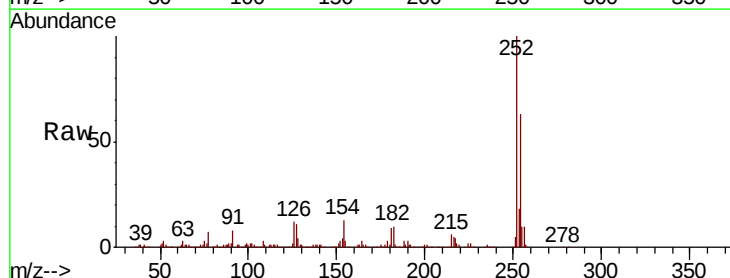
Delta R.T. 0.00 min

Lab File: BF115310.D

Acq: 29 Jun 2019 9:14

Tgt Ion:252 Resp: 463397

Ion	Ratio	Lower	Upper
252	100		
254	63.0	51.1	76.7
126	11.7	9.4	14.0

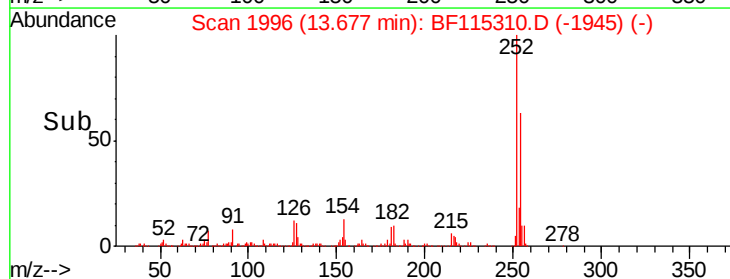
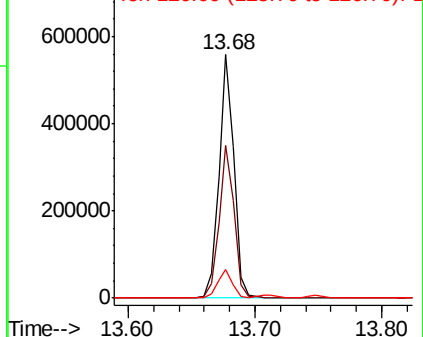


Abundance

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: 45.356 ng

RT: 13.75 min Scan# 2008

Delta R.T. 0.01 min

Lab File: BF115310.D

Acq: 29 Jun 2019 9:14

Instrument :

BNA_F

ClientSampleId :

PB121004BSD

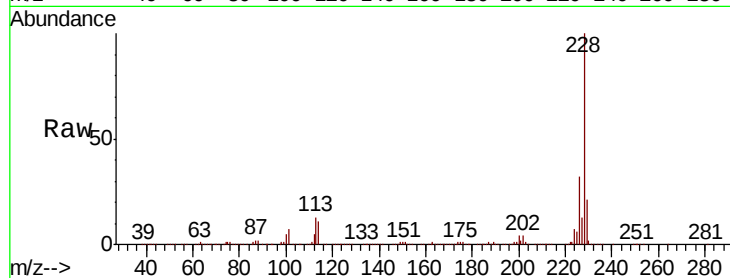
Tgt Ion:228 Resp: 1559164

Ion Ratio Lower Upper

228 100

226 31.7 25.4 38.0

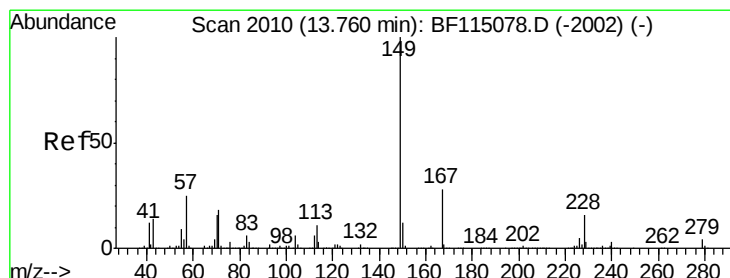
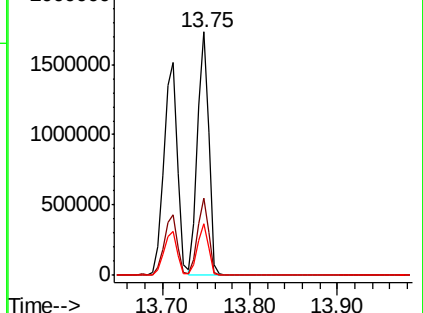
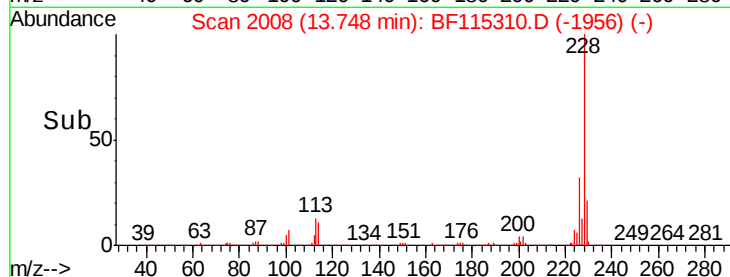
229 21.0 16.5 24.7



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: 45.061 ng

RT: 13.73 min Scan# 2005

Delta R.T. 0.00 min

Lab File: BF115310.D

Acq: 29 Jun 2019 9:14

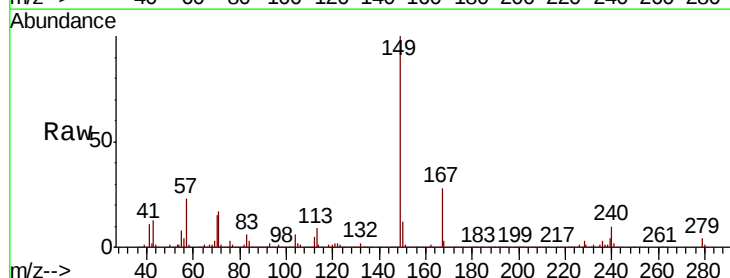
Tgt Ion:149 Resp: 1047312

Ion Ratio Lower Upper

149 100

167 28.2 22.2 33.4

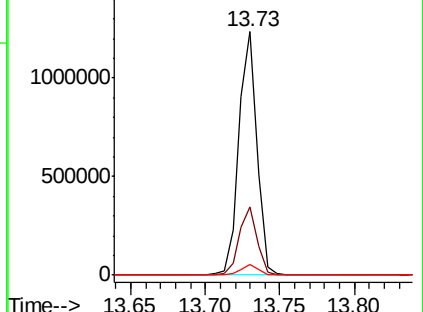
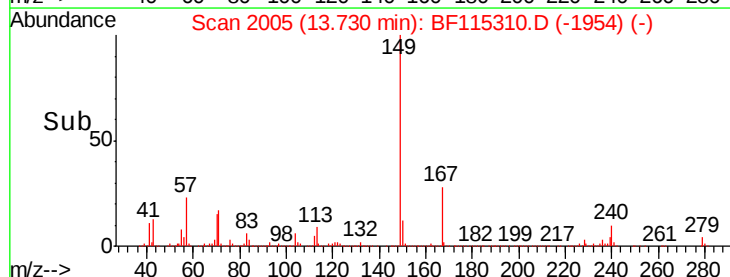
279 4.3 2.9 4.3

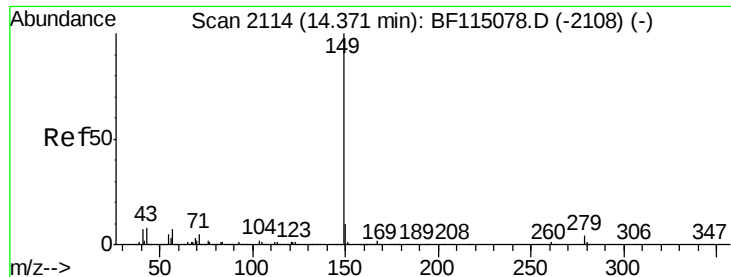


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 46.407 ng

RT: 14.34 min Scan# 2108

Delta R.T. -0.01 min

Lab File: BF115310.D

Acq: 29 Jun 2019 9:14

Instrument :

BNA_F

ClientSampleId :

PB121004BSD

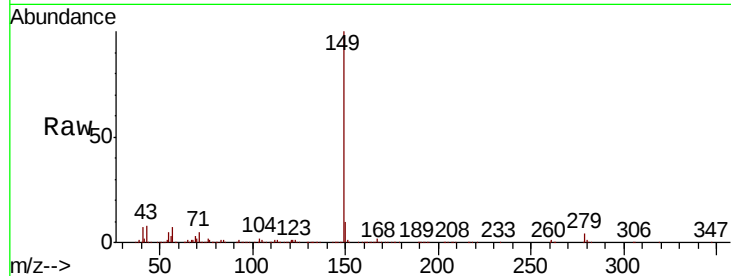
Tgt Ion:149 Resp: 1812224

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

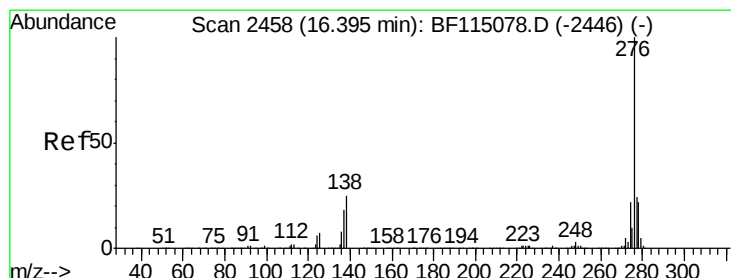
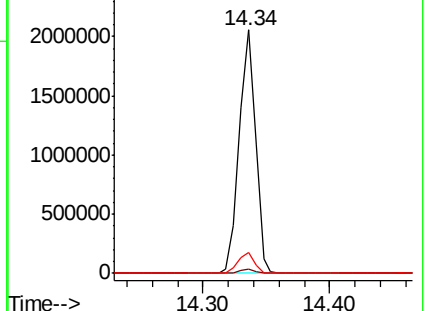
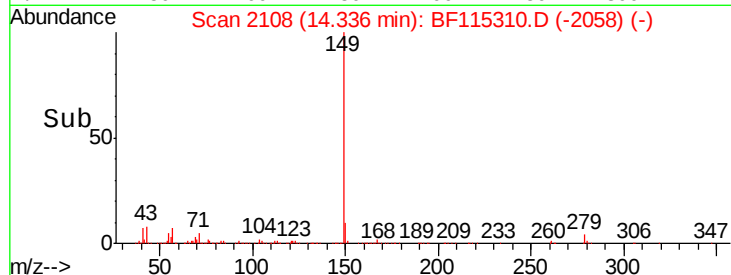
43 8.3 7.0 10.6



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: 47.461 ng

RT: 16.35 min Scan# 2451

Delta R.T. 0.00 min

Lab File: BF115310.D

Acq: 29 Jun 2019 9:14

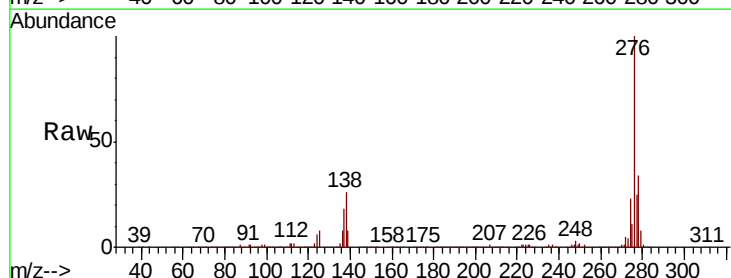
Tgt Ion:276 Resp: 1930587

Ion Ratio Lower Upper

276 100

138 28.0 23.2 34.8

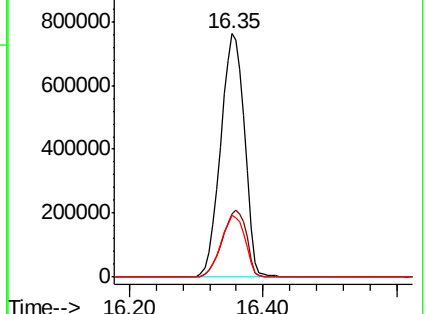
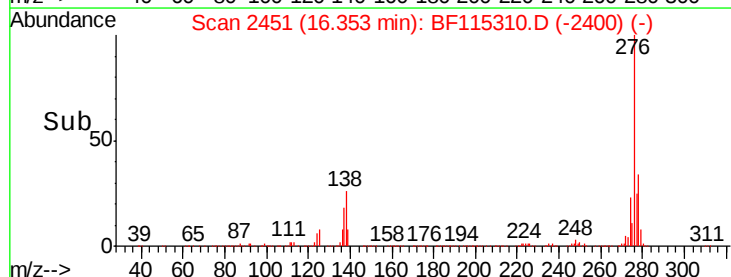
277 25.6 20.1 30.1

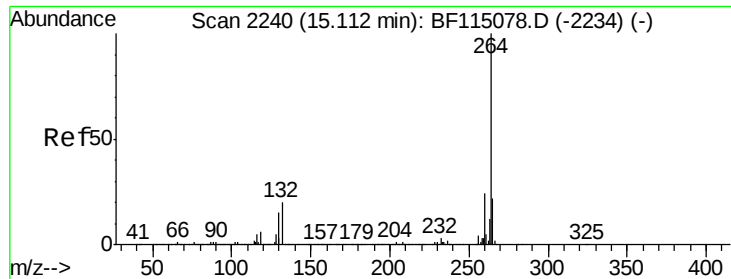


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



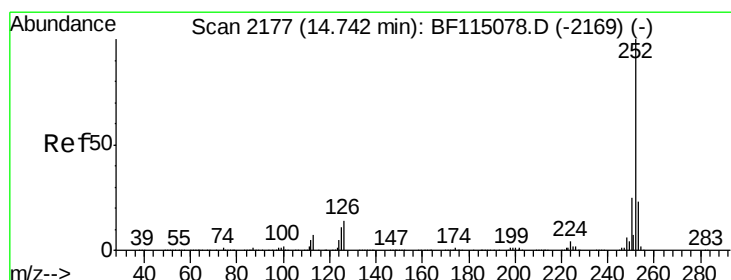
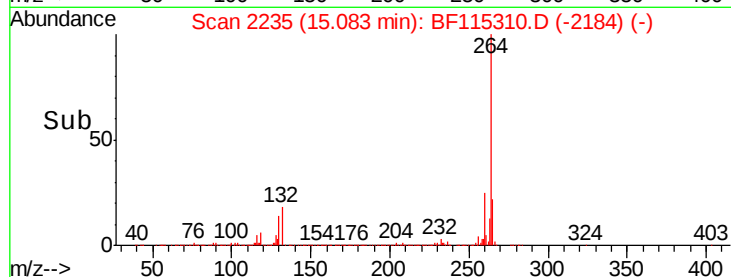
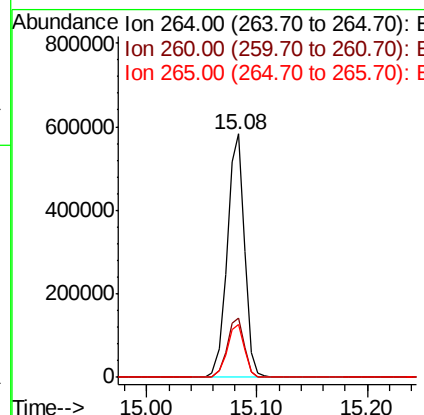
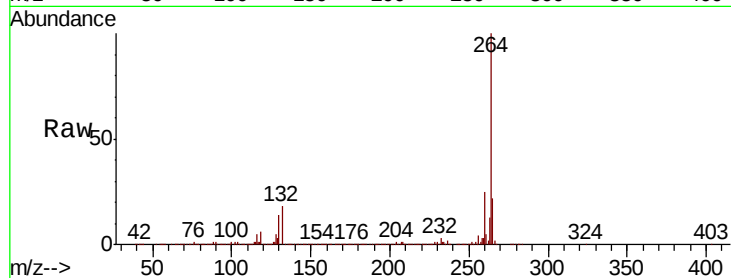


#87
Perylene-d12
Concen: 20.000 ng
RT: 15.08 min Scan# 2235
Delta R.T. 0.00 min
Lab File: BF115310.D
Acq: 29 Jun 2019 9:14

Instrument :
BNA_F
ClientSampleId :
PB121004BSD

Tgt Ion: 264 Resp: 637478

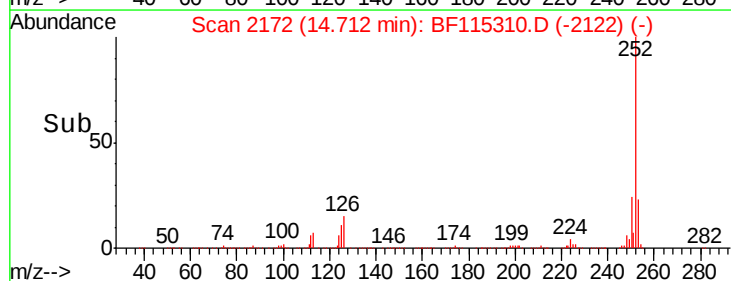
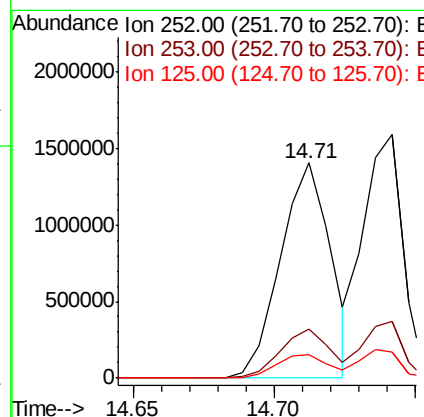
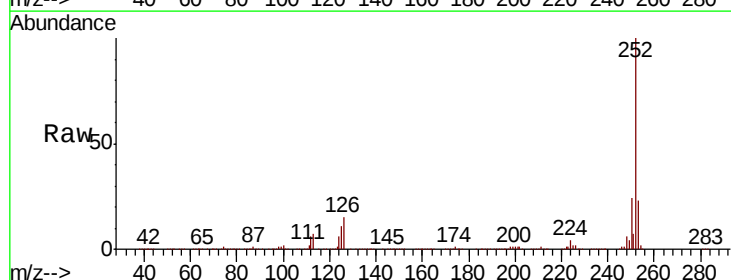
Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.6	29.4
265	21.6	17.3	25.9

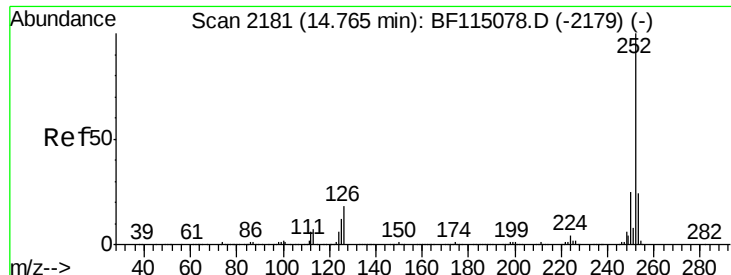


#88
Benzo(b)fluoranthene
Concen: 43.459 ng
RT: 14.71 min Scan# 2172
Delta R.T. -0.01 min
Lab File: BF115310.D
Acq: 29 Jun 2019 9:14

Tgt Ion: 252 Resp: 1728653

Ion	Ratio	Lower	Upper
252	100		
253	22.7	18.1	27.1
125	11.2	8.7	13.1

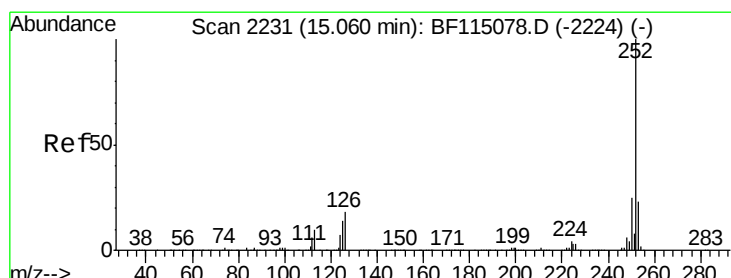
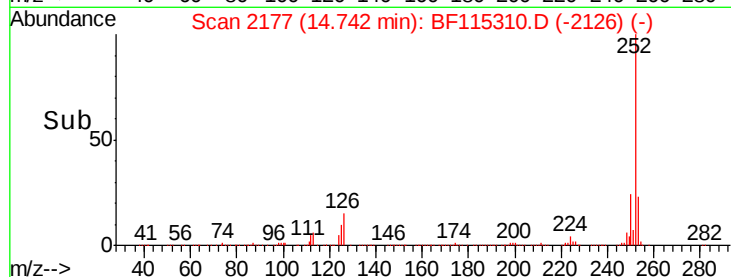
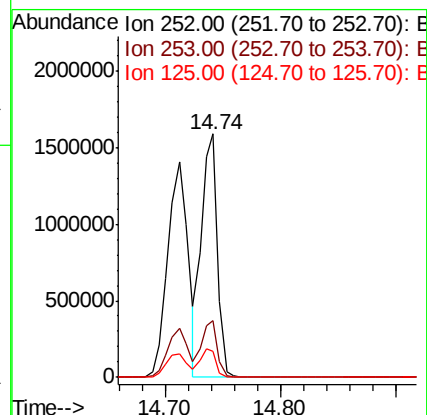
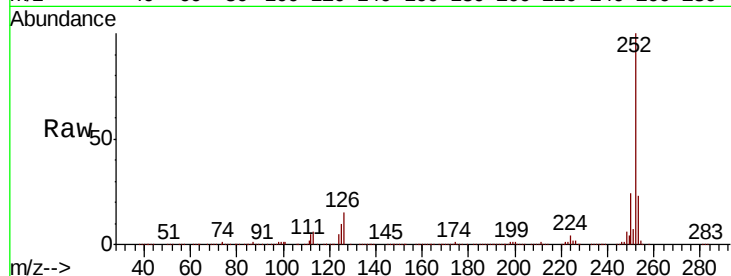




#89
Benzo(k)fluoranthene
Concen: 43.655 ng
RT: 14.74 min Scan# 2177
Delta R.T. 0.00 min
Lab File: BF115310.D
Acq: 29 Jun 2019 9:14

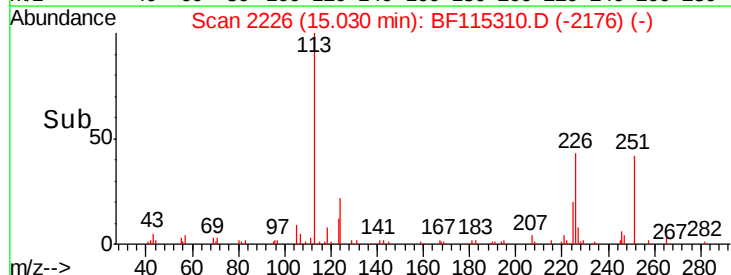
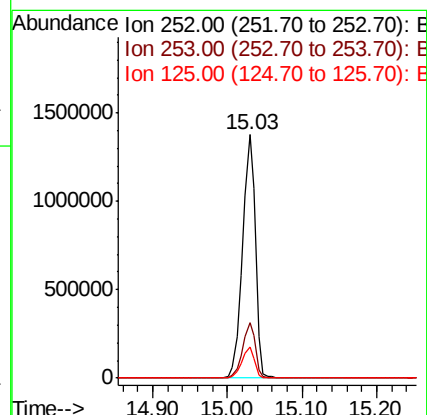
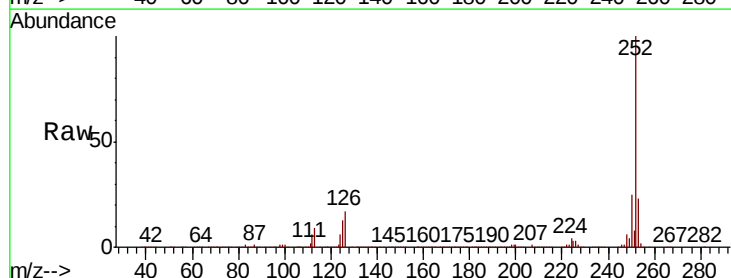
Instrument :
BNA_F
ClientSampleId :
PB121004BSD

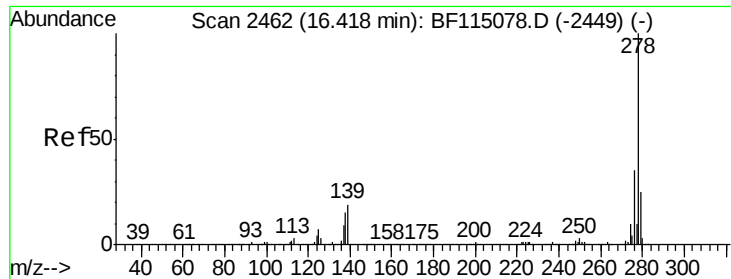
Tgt Ion:252 Resp: 1557223
Ion Ratio Lower Upper
252 100
253 23.1 18.9 28.3
125 10.5 10.2 15.2



#90
Benzo(a)pyrene
Concen: 45.981 ng
RT: 15.03 min Scan# 2226
Delta R.T. -0.01 min
Lab File: BF115310.D
Acq: 29 Jun 2019 9:14

Tgt Ion:252 Resp: 1648486
Ion Ratio Lower Upper
252 100
253 23.0 18.3 27.5
125 12.7 10.9 16.3





#91

Dibenzo(a,h)anthracene

Concen: 47.235 ng

RT: 16.37 min Scan# 2454

Delta R.T. 0.00 min

Lab File: BF115310.D

Acq: 29 Jun 2019 9:14

Instrument :

BNA_F

ClientSampleId :

PB121004BSD

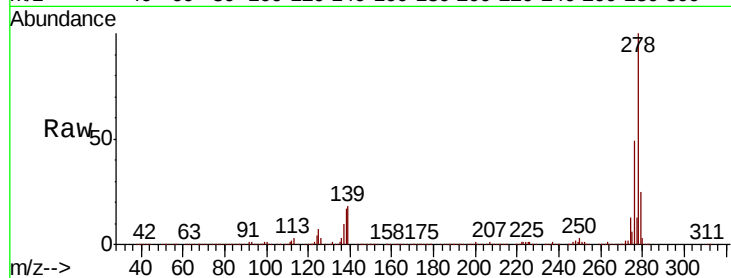
Tgt Ion:278 Resp: 1580927

Ion Ratio Lower Upper

278 100

139 18.3 15.4 23.2

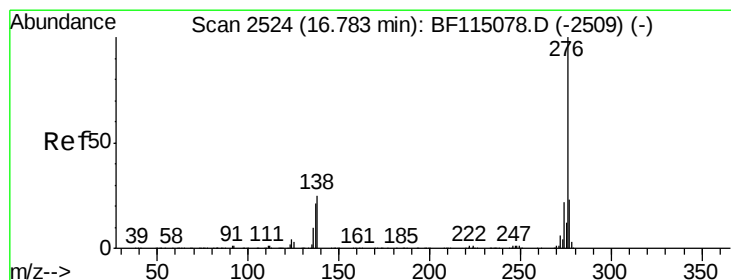
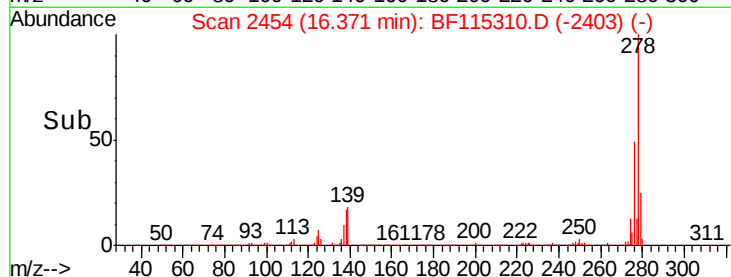
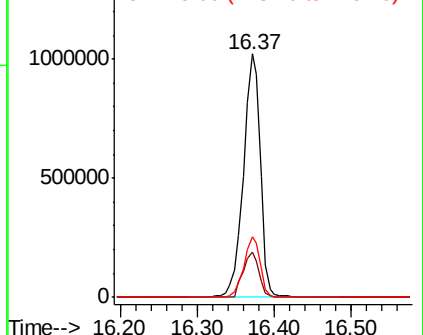
279 24.9 19.9 29.9



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 48.299 ng

RT: 16.74 min Scan# 2516

Delta R.T. 0.00 min

Lab File: BF115310.D

Acq: 29 Jun 2019 9:14

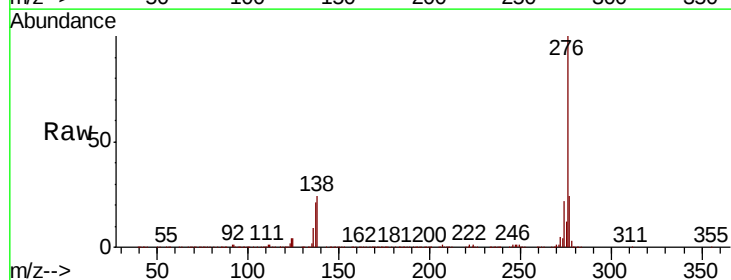
Tgt Ion:276 Resp: 1636130

Ion Ratio Lower Upper

276 100

277 24.0 18.6 28.0

138 24.4 19.8 29.6



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

