

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF062519\
 Data File : BF115184.D
 Acq On : 25 Jun 2019 13:46
 Operator : HP/JU
 Sample : PB120809BS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB120809BS

Quant Time: Jun 26 05:43:22 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF062119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 24 04:21:29 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.61	152	264502	20.00	ng	0.00
21) Naphthalene-d8	7.90	136	1066493	20.00	ng	0.00
39) Acenaphthene-d10	9.64	164	541278	20.00	ng	0.00
64) Phenanthrene-d10	11.11	188	1058691	20.00	ng	0.00
76) Chrysene-d12	13.74	240	728225	20.00	ng	-0.01
87) Perylene-d12	15.11	264	774073	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.22	112	1897053	110.68	ng	0.02
7) Phenol-d6	6.26	99	2332969	112.14	ng	0.00
23) Nitrobenzene-d5	7.18	82	1452480	83.78	ng	0.00
42) 2,4,6-Tribromophenol	10.42	330	701843	122.96	ng	0.00
45) 2-Fluorobiphenyl	8.97	172	2715894	85.23	ng	-0.01
79) Terphenyl-d14	12.70	244	2904232	84.79	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.29	88	293293	36.257	ng	99
3) Pyridine	2.94	79	797857	34.994	ng	99
4) n-Nitrosodimethylamine	2.88	42	330379	36.963	ng	99
6) Aniline	6.27	93	701062	24.519	ng	# 1
8) 2-Chlorophenol	6.40	128	803216	41.675	ng	98
9) Benzaldehyde	6.15	77	110776	8.162	ng	99
10) Phenol	6.27	94	911929	37.421	ng	93
11) bis(2-Chloroethyl)ether	6.35	93	717587	39.947	ng	97
12) 1,3-Dichlorobenzene	6.55	146	846236	39.563	ng	99
13) 1,4-Dichlorobenzene	6.63	146	846978	39.488	ng	99
14) 1,2-Dichlorobenzene	6.78	146	795227	40.035	ng	98
15) Benzyl Alcohol	6.76	79	534361	35.274	ng	98
16) 2,2'-oxybis(1-Chloropropan	6.90	45	1026650	39.405	ng	97
17) 2-Methylphenol	6.88	107	699884	43.994	ng	98
18) Hexachloroethane	7.12	117	306496	39.636	ng	98
19) n-Nitroso-di-n-propylamine	7.04	70	516087	38.748	ng	97
20) 3+4-Methylphenols	7.03	107	794447	43.249	ng	89
22) Acetophenone	7.02	105	1048571	42.947	ng	# 97
24) Nitrobenzene	7.20	77	807642	42.285	ng	99
25) Isophorone	7.44	82	1479555	41.659	ng	100
26) 2-Nitrophenol	7.51	139	457161	48.467	ng	98
27) 2,4-Dimethylphenol	7.56	122	755751	48.936	ng	99
28) bis(2-Chloroethoxy)methane	7.65	93	929307	41.399	ng	99
29) 2,4-Dichlorophenol	7.75	162	712087	44.680	ng	97
30) 1,2,4-Trichlorobenzene	7.84	180	748749	42.532	ng	99
31) Naphthalene	7.91	128	2247424	42.930	ng	100
32) Benzoic acid	7.70	122	594548	53.933	ng	94
33) 4-Chloroaniline	7.96	127	551894	23.067	ng	99
34) Hexachlorobutadiene	8.04	225	401216	41.589	ng	99
35) Caprolactam	8.34	113	162117	30.255	ng	98
36) 4-Chloro-3-methylphenol	8.45	107	729008	45.167	ng	99
37) 2-Methylnaphthalene	8.61	142	1563086	44.282	ng	99
38) 1-Methylnaphthalene	8.71	142	1482772	43.983	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.77	216	661489	43.247	ng	99

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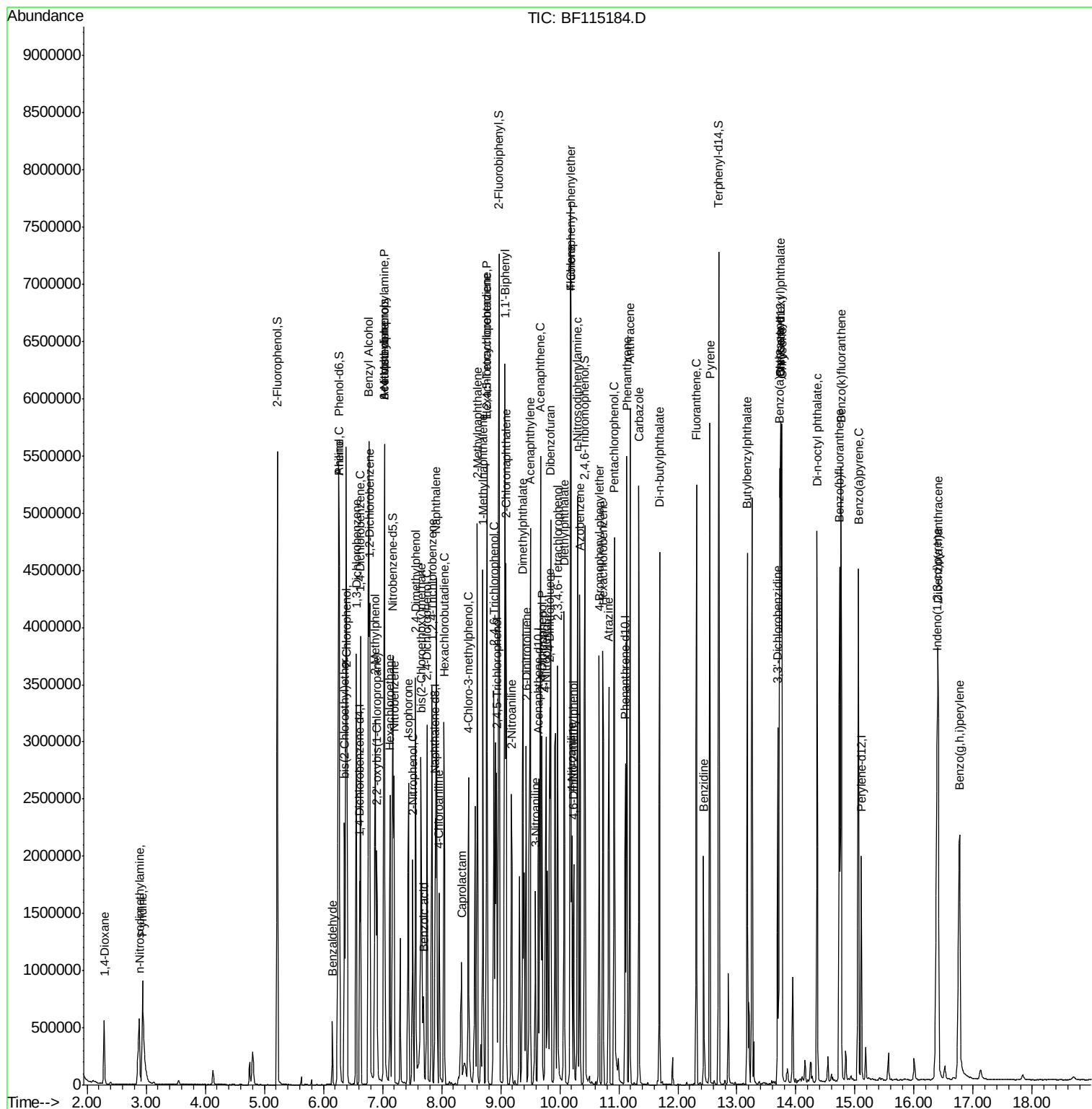
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.77	237	691178	76.207	ng	99
43) 2,4,6-Trichlorophenol	8.88	196	504890	42.756	ng	100
44) 2,4,5-Trichlorophenol	8.93	196	531875	43.737	ng	98
46) 1,1'-Biphenyl	9.07	154	1798175	41.519	ng	98
47) 2-Chloronaphthalene	9.09	162	1473186	41.934	ng	98
48) 2-Nitroaniline	9.18	65	442707	43.224	ng	97
49) Acenaphthylene	9.50	152	2275557	41.574	ng	99
50) Dimethylphthalate	9.38	163	1678004	42.137	ng	100
51) 2,6-Dinitrotoluene	9.43	165	404874	44.037	ng	97
52) Acenaphthene	9.68	154	1347613	39.346	ng	99
53) 3-Nitroaniline	9.59	138	304341	27.126	ng	95
54) 2,4-Dinitrophenol	9.70	184	445633	92.893	ng	95
55) Dibenzofuran	9.85	168	1984768	40.375	ng	98
56) 4-Nitrophenol	9.77	139	717040	79.718	ng	94
57) 2,4-Dinitrotoluene	9.83	165	543335	45.769	ng	94
58) Fluorene	10.19	166	1366040	41.177	ng	98
59) 2,3,4,6-Tetrachlorophenol	9.97	232	475595	46.641	ng	98
60) Diethylphthalate	10.08	149	1668910	41.691	ng	100
61) 4-Chlorophenyl-phenylether	10.18	204	663897	42.272	ng	97
62) 4-Nitroaniline	10.21	138	452606	40.212	ng	98
63) Azobenzene	10.34	77	1529856	40.917	ng	98
65) 4,6-Dinitro-2-methylphenol	10.24	198	266365	47.359	ng	90
66) n-Nitrosodiphenylamine	10.30	169	1404230	42.574	ng	99
67) 4-Bromophenyl-phenylether	10.67	248	489633	42.657	ng	# 91
68) Hexachlorobenzene	10.73	284	532516	42.741	ng	94
69) Atrazine	10.83	200	452315	42.631	ng	99
70) Pentachlorophenol	10.92	266	663195	83.554	ng	97
71) Phenanthrene	11.14	178	2259832	39.645	ng	100
72) Anthracene	11.19	178	2329214	40.481	ng	98
73) Carbazole	11.34	167	2118253	41.227	ng	98
74) Di-n-butylphthalate	11.69	149	2440778	41.109	ng	98
75) Fluoranthene	12.32	202	2346434	41.258	ng	98
77) Benzidine	12.44	184	801440	24.785	ng	100
78) Pyrene	12.54	202	2391529	42.733	ng	98
80) Butylbenzylphthalate	13.18	149	1122042	45.431	ng	94
81) Benzo(a)anthracene	13.72	228	2184233	41.801	ng	99
82) 3,3'-Dichlorobenzidine	13.69	252	686242	36.368	ng	98
83) Chrysene	13.76	228	2068696	43.220	ng	99
84) Bis(2-ethylhexyl)phthalate	13.74	149	1452642	44.888	ng	100
85) Di-n-octyl phthalate	14.36	149	2476982	45.555	ng	100
86) Indeno(1,2,3-cd)pyrene	16.39	276	2409907	42.549	ng	99
88) Benzo(b)fluoranthene	14.74	252	2250306	46.590	ng	98
89) Benzo(k)fluoranthene	14.77	252	2167716	50.046	ng	99
90) Benzo(a)pyrene	15.06	252	2173086	49.918	ng	99
91) Dibenzo(a,h)anthracene	16.41	278	1980930	48.742	ng	99
92) Benzo(g,h,i)perylene	16.77	276	2001130	48.650	ng	98

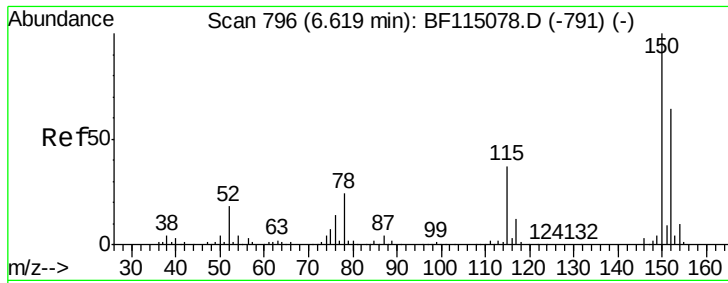
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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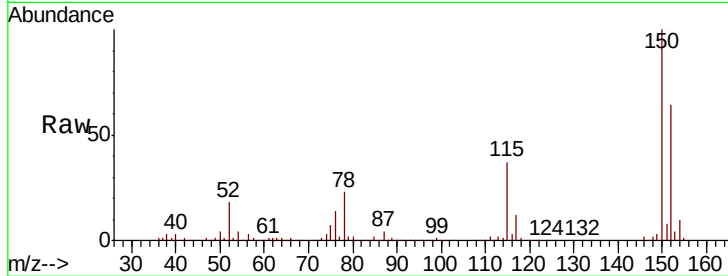


#1

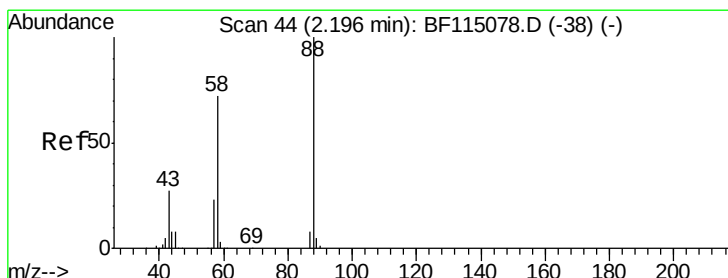
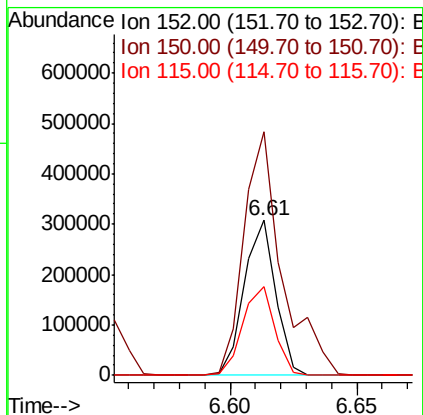
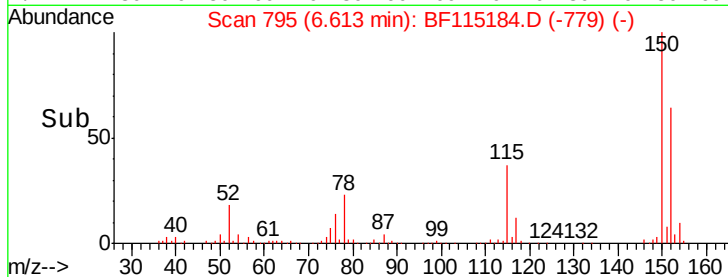
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.61 min Scan# 795
Delta R.T. -0.01 min
Lab File: BF115184.D
Acq: 25 Jun 2019 13:46

Instrument :
BNA_F
ClientSampleId :
PB120809BS

Tgt Ion: 152 Resp: 264502
Ion Ratio Lower Upper
152 100
150 157.0 124.2 186.2
115 57.6 46.1 69.1



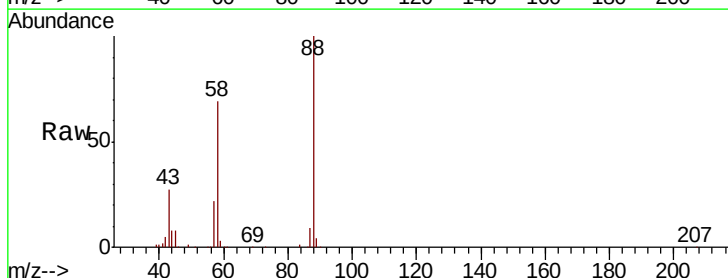
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



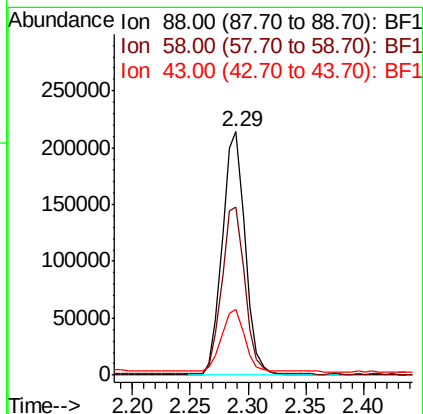
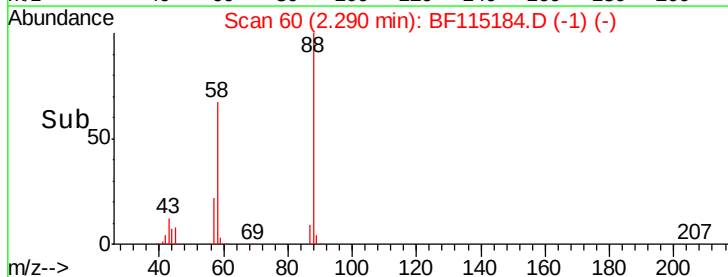
#2

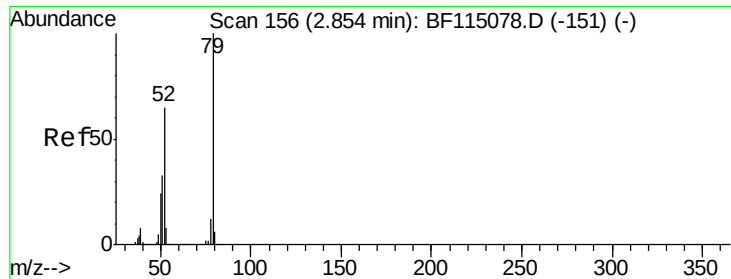
1,4-Dioxane
Concen: 36.257 ng
RT: 2.29 min Scan# 60
Delta R.T. 0.09 min
Lab File: BF115184.D
Acq: 25 Jun 2019 13:46

Tgt Ion: 88 Resp: 293293
Ion Ratio Lower Upper
88 100
58 69.2 56.1 84.1
43 25.7 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: 34.994 ng

RT: 2.94 min Scan# 170

Delta R.T. 0.08 min

Lab File: BF115184.D

Acq: 25 Jun 2019 13:46

Instrument :

BNA_F

ClientSampleId :

PB120809BS

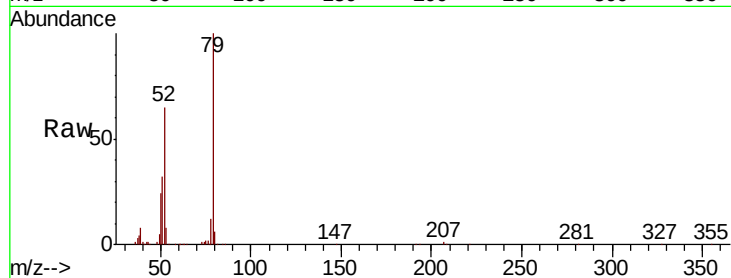
Tgt Ion: 79 Resp: 797857

Ion Ratio Lower Upper

79 100

52 65.1 52.3 78.5

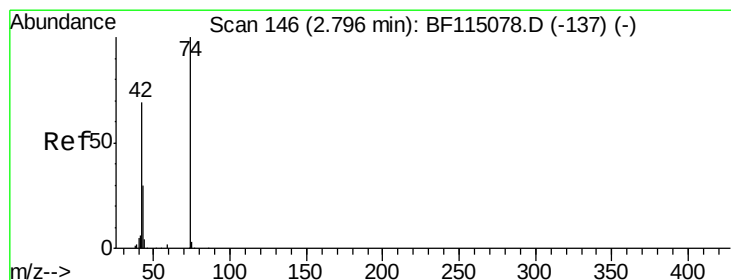
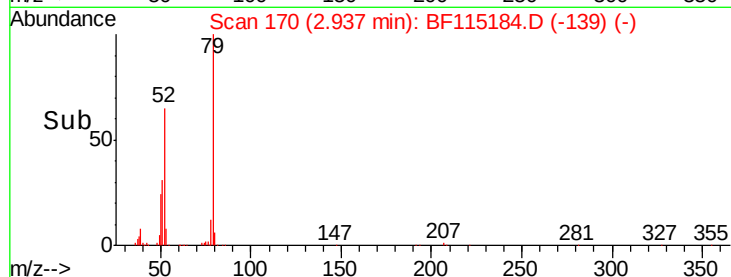
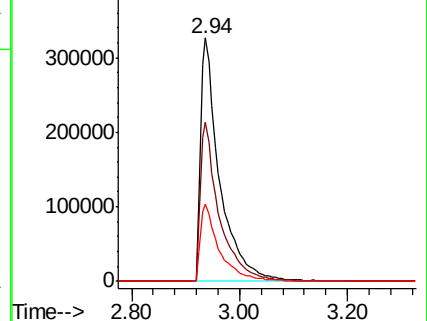
51 31.6 26.1 39.1



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: 36.963 ng

RT: 2.88 min Scan# 161

Delta R.T. 0.09 min

Lab File: BF115184.D

Acq: 25 Jun 2019 13:46

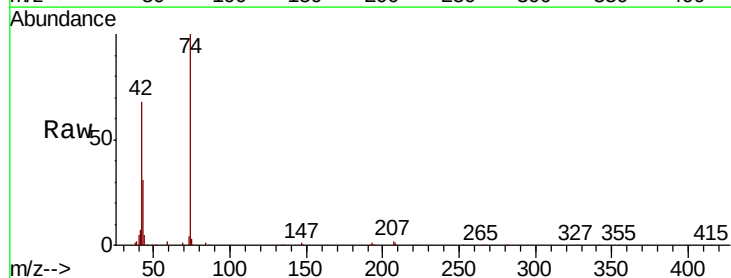
Tgt Ion: 42 Resp: 330379

Ion Ratio Lower Upper

42 100

74 146.9 116.6 175.0

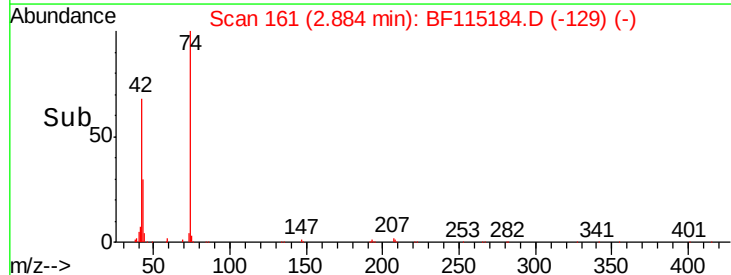
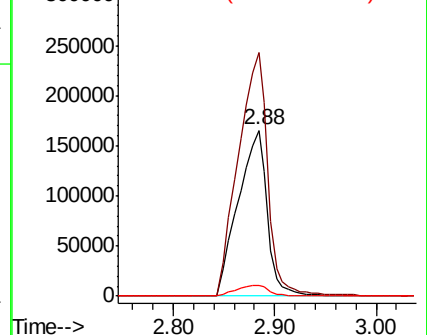
44 6.7 5.3 7.9

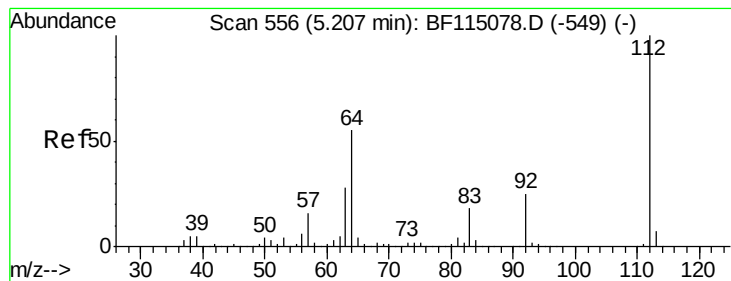


Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 110.679 ng

RT: 5.22 min Scan# 559

Delta R.T. 0.02 min

Lab File: BF115184.D

Acq: 25 Jun 2019 13:46

Instrument :

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ClientSampleId :

PB120809BS

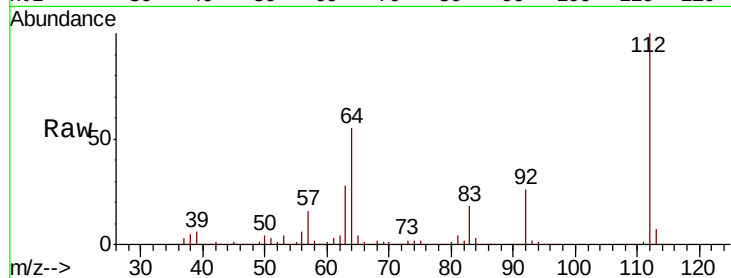
Tgt Ion: 112 Resp: 1897053

Ion Ratio Lower Upper

112 100

64 54.7 43.8 65.6

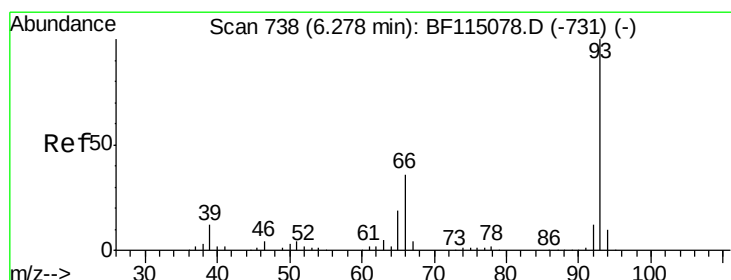
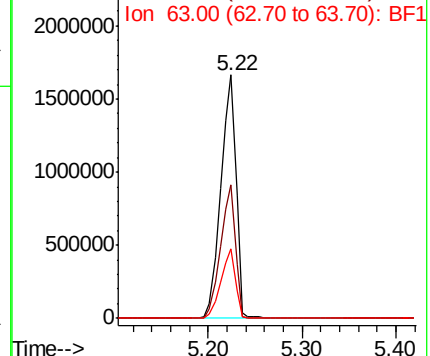
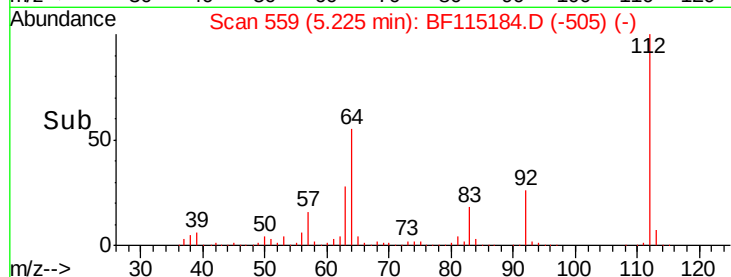
63 28.4 22.2 33.4



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: 24.519 ng

RT: 6.27 min Scan# 737

Delta R.T. -0.01 min

Lab File: BF115184.D

Acq: 25 Jun 2019 13:46

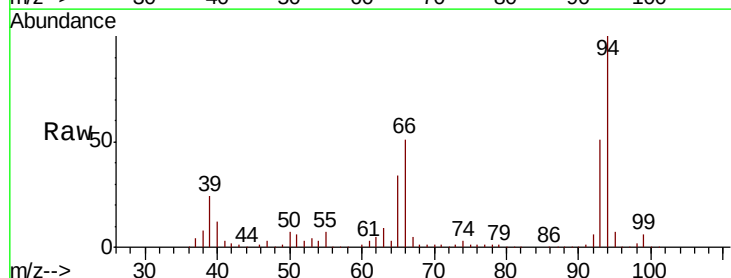
Tgt Ion: 93 Resp: 701062

Ion Ratio Lower Upper

93 100

66 100.8 30.0 45.0#

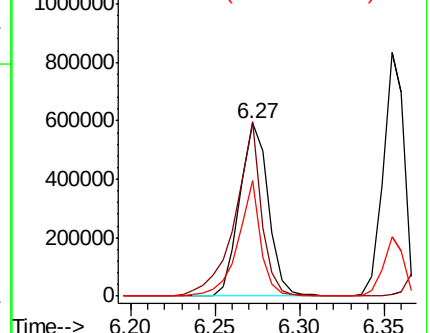
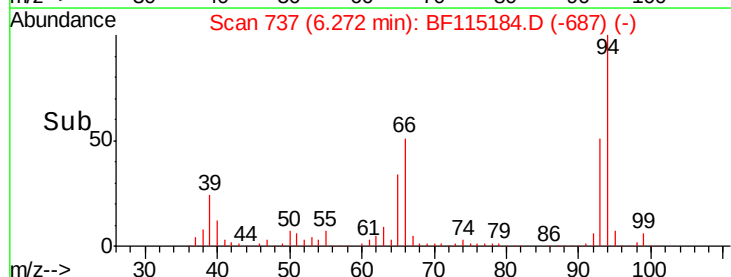
65 66.9 15.6 23.4#

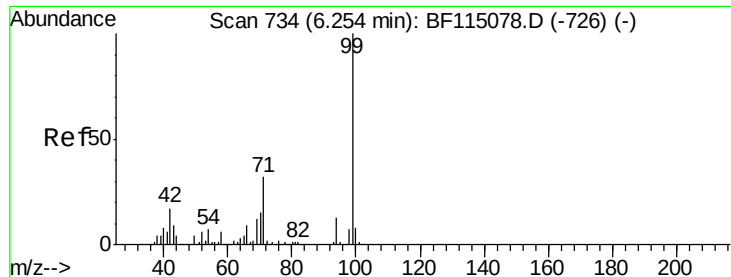


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 112.140 ng

RT: 6.26 min Scan# 735

Delta R.T. 0.01 min

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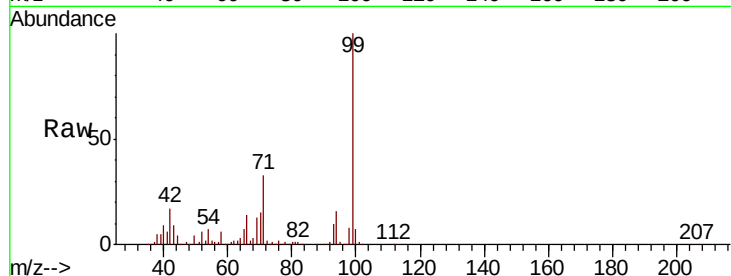
Tgt Ion: 99 Resp: 2332969

Ion Ratio Lower Upper

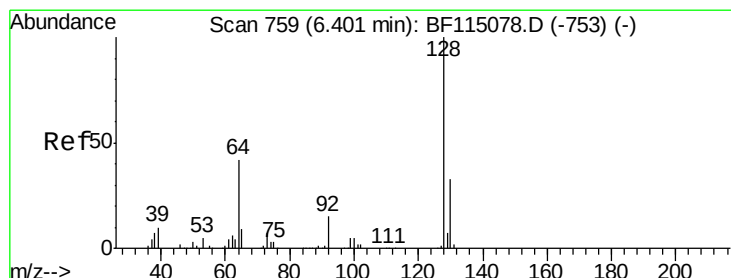
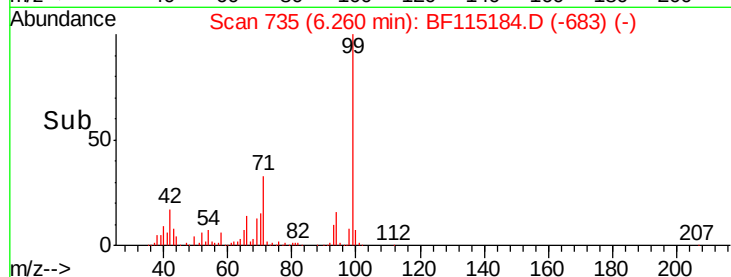
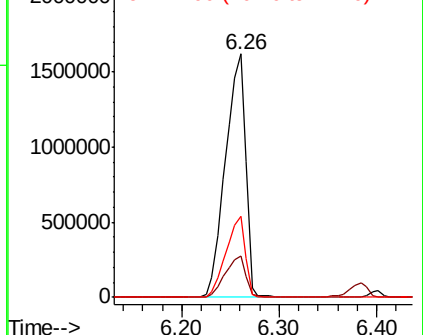
99 100

42 17.1 13.6 20.4

71 33.3 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: 41.675 ng

RT: 6.40 min Scan# 759

Delta R.T. 0.00 min

Lab File: BF115184.D

Acq: 25 Jun 2019 13:46

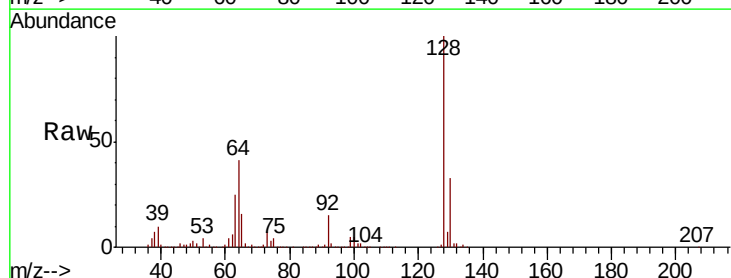
Tgt Ion: 128 Resp: 803216

Ion Ratio Lower Upper

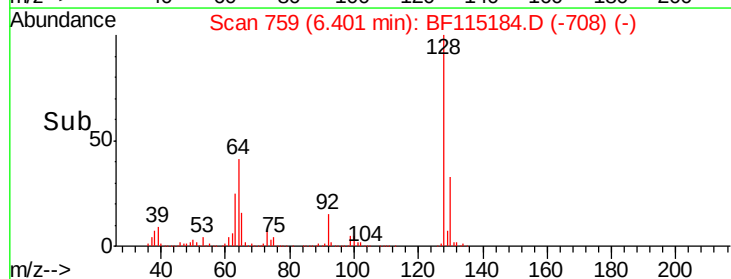
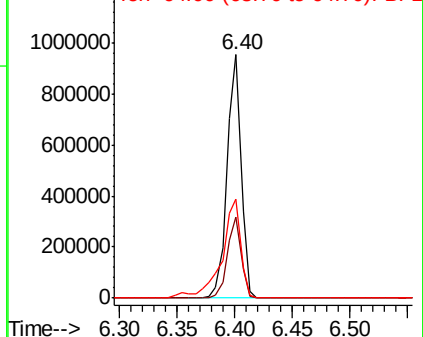
128 100

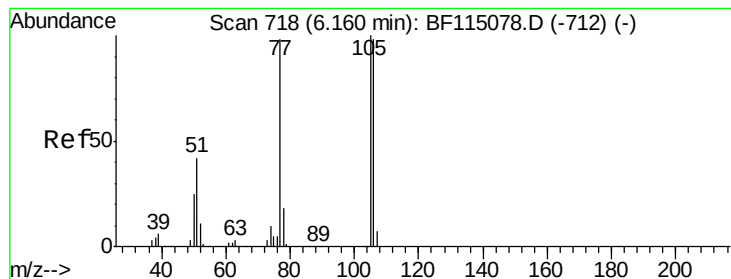
130 33.4 12.9 52.9

64 40.6 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: 8.162 ng

RT: 6.15 min Scan# 716

Delta R.T. -0.01 min

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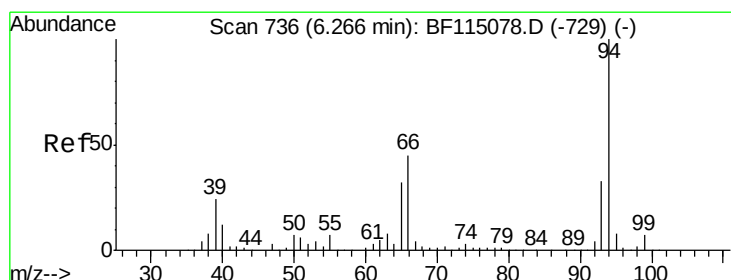
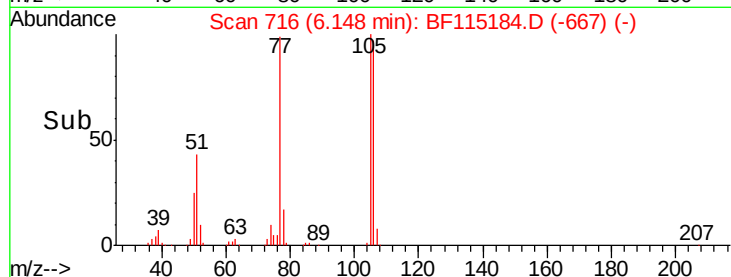
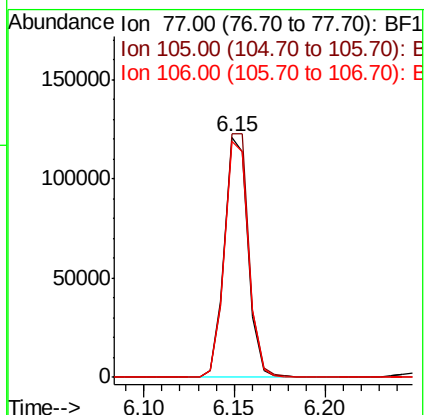
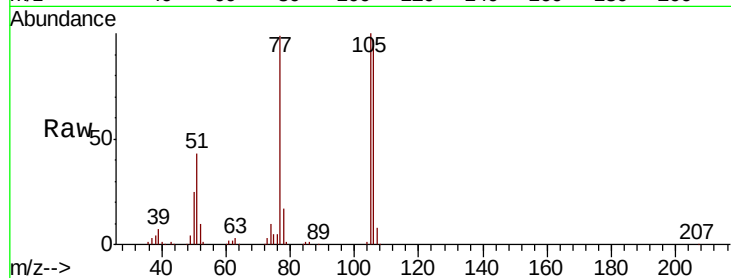
Tgt Ion: 77 Resp: 110776

Ion Ratio Lower Upper

77 100

105 101.3 81.5 121.5

106 98.4 79.7 119.7



#10

Phenol

Concen: 37.421 ng

RT: 6.27 min Scan# 737

Delta R.T. 0.01 min

Lab File: BF115184.D

Acq: 25 Jun 2019 13:46

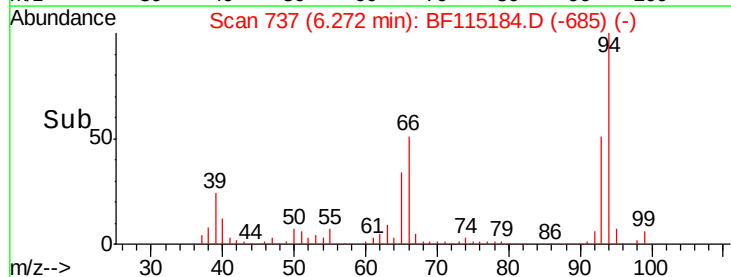
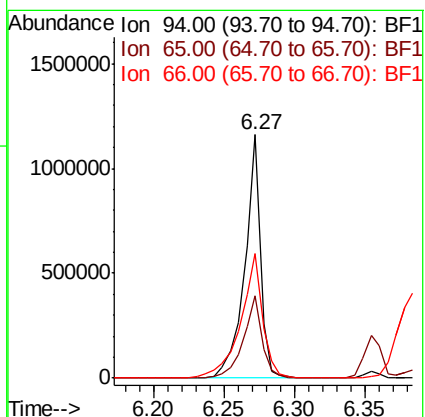
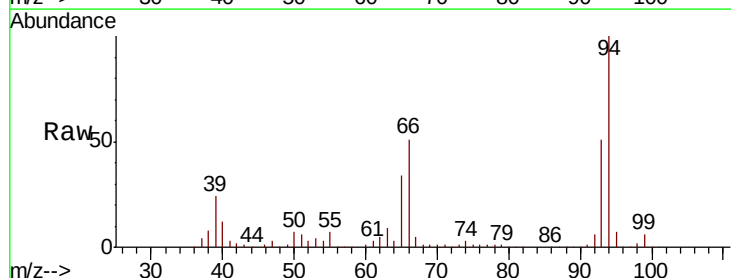
Tgt Ion: 94 Resp: 911929

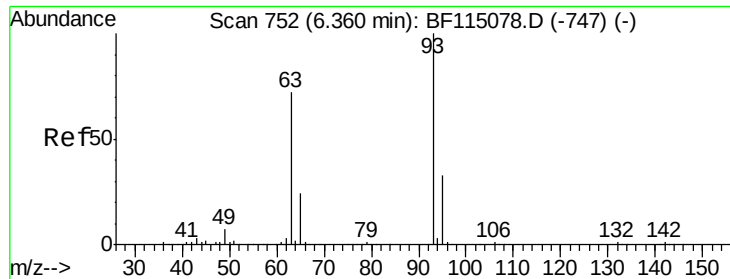
Ion Ratio Lower Upper

94 100

65 34.1 11.9 51.9

66 51.3 25.2 65.2

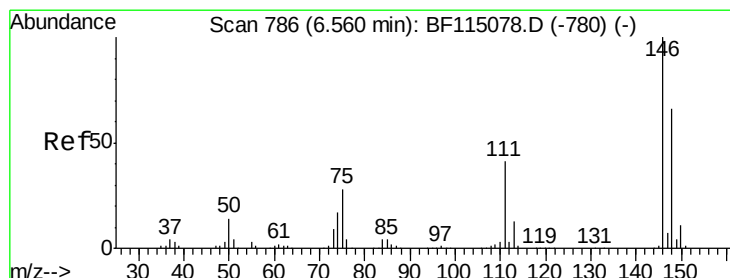
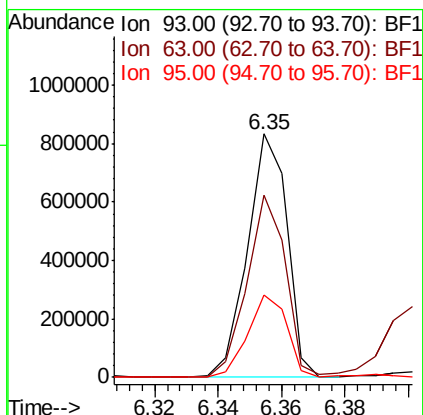
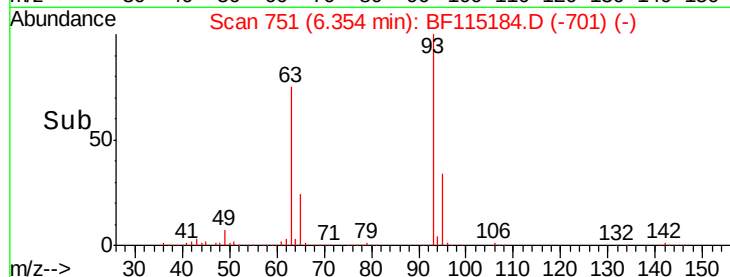
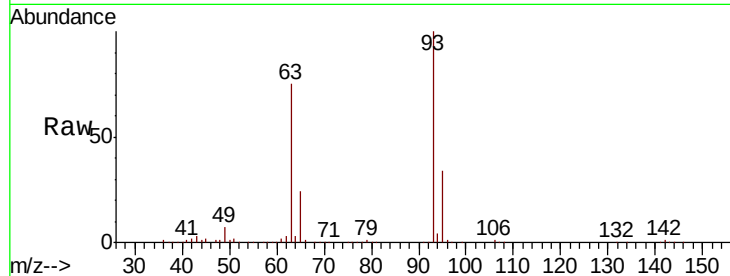




#11
bis(2-Chloroethyl)ether
Concen: 39.947 ng
RT: 6.35 min Scan# 751
Delta R.T. -0.01 min
Lab File: BF115184.D
Acq: 25 Jun 2019 13:46

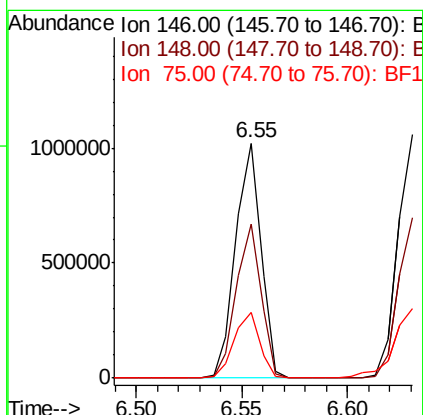
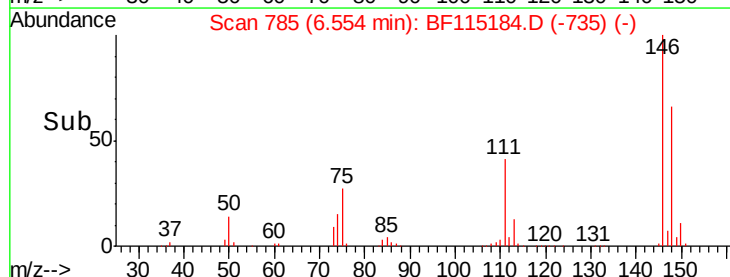
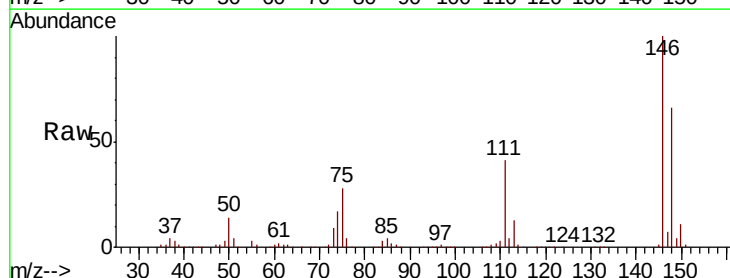
Instrument :
BNA_F
ClientSampleId :
PB120809BS

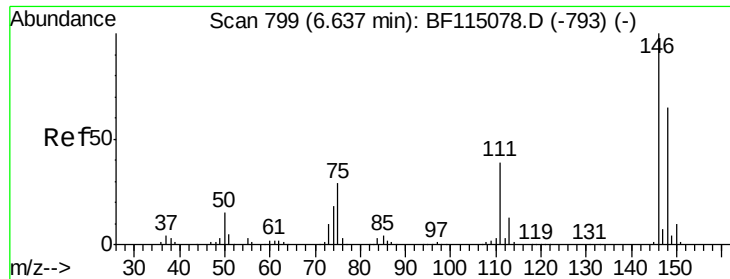
Tgt Ion: 93 Resp: 717587
Ion Ratio Lower Upper
93 100
63 74.7 51.5 91.5
95 33.8 13.4 53.4



#12
1,3-Dichlorobenzene
Concen: 39.563 ng
RT: 6.55 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF115184.D
Acq: 25 Jun 2019 13:46

Tgt Ion: 146 Resp: 846236
Ion Ratio Lower Upper
146 100
148 65.5 52.6 78.8
75 27.7 22.6 34.0

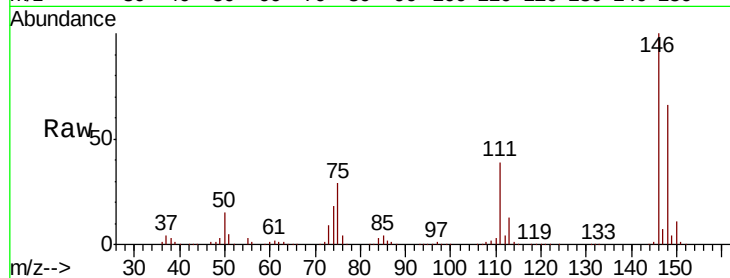




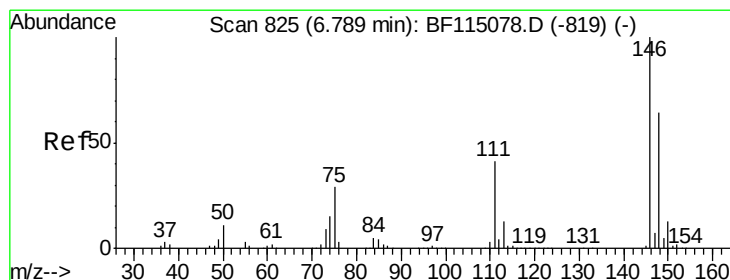
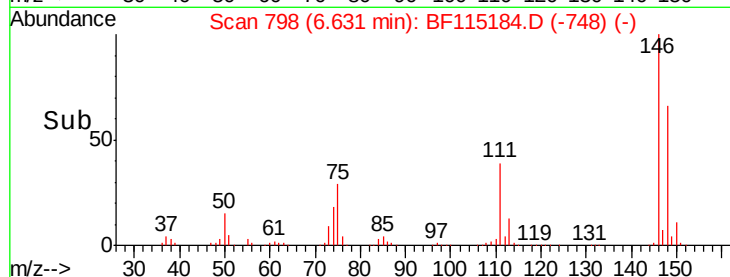
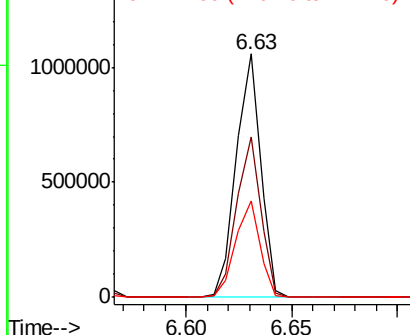
#13
 1,4-Dichlorobenzene
 Concen: 39.488 ng
 RT: 6.63 min Scan# 798
 Delta R.T. -0.01 min
 Lab File: BF115184.D
 Acq: 25 Jun 2019 13:46

Instrument :
 BNA_F
 ClientSampleId :
 PB120809BS

Tgt Ion:146 Resp: 846978
 Ion Ratio Lower Upper
 146 100
 148 65.8 51.9 77.9
 111 39.4 31.4 47.0

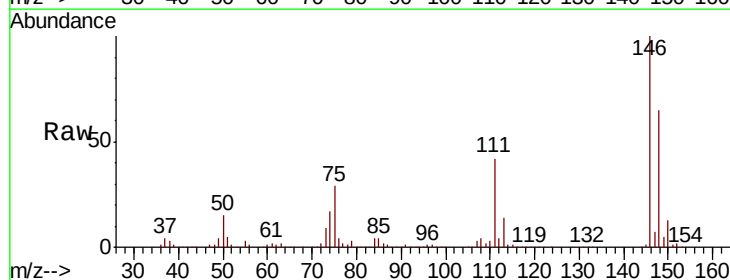


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

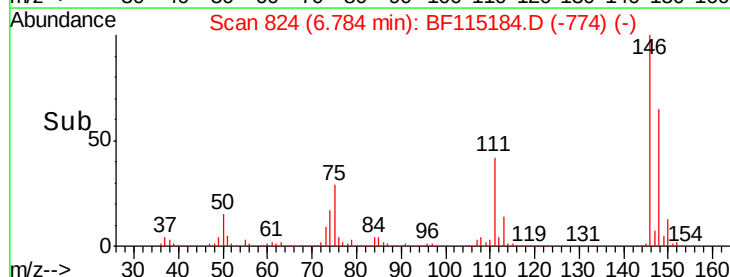
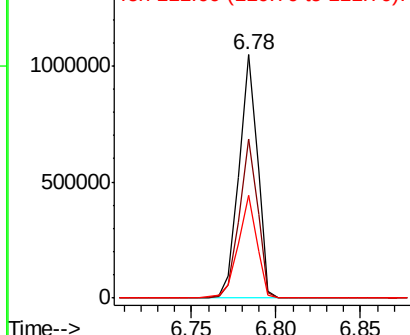


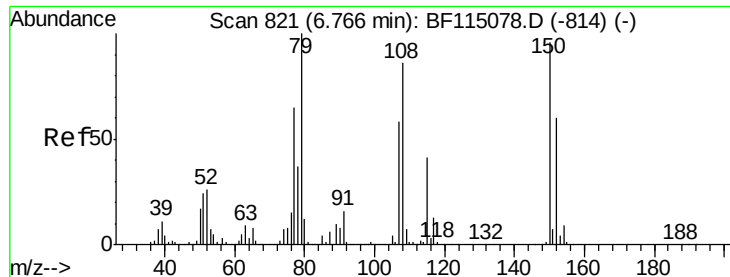
#14
 1,2-Dichlorobenzene
 Concen: 40.035 ng
 RT: 6.78 min Scan# 824
 Delta R.T. -0.01 min
 Lab File: BF115184.D
 Acq: 25 Jun 2019 13:46

Tgt Ion:146 Resp: 795227
 Ion Ratio Lower Upper
 146 100
 148 65.4 51.1 76.7
 111 42.0 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: 35.274 ng

RT: 6.76 min Scan# 820

Delta R.T. -0.01 min

Lab File: BF115184.D

Acq: 25 Jun 2019 13:46

Instrument :

BNA_F

ClientSampleId :

PB120809BS

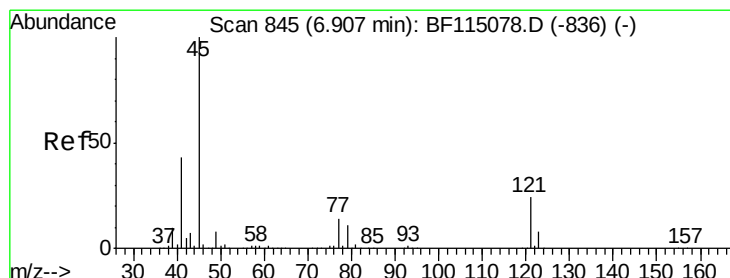
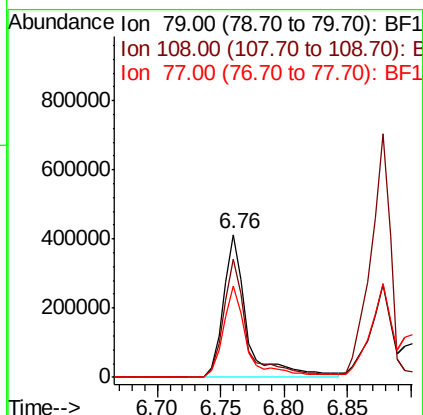
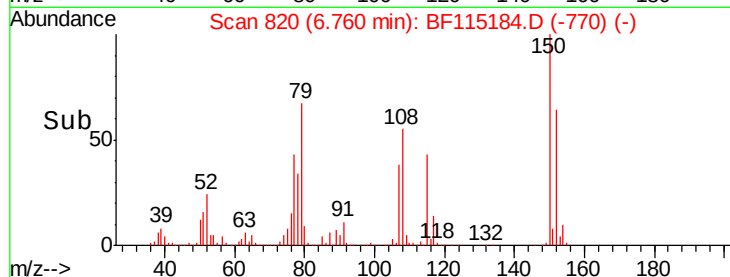
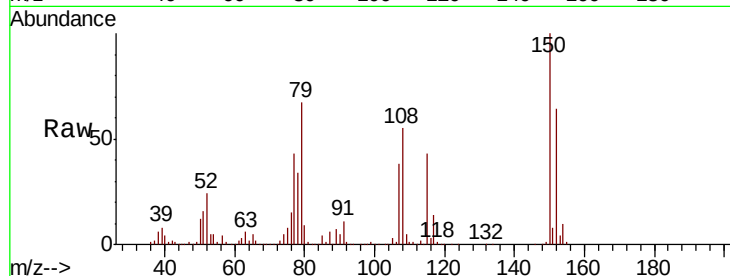
Tgt Ion: 79 Resp: 534361

Ion Ratio Lower Upper

79 100

108 83.0 68.7 103.1

77 63.9 51.7 77.5



#16

2,2'-oxybis(1-Chloropropane)

Concen: 39.405 ng

RT: 6.90 min Scan# 844

Delta R.T. -0.01 min

Lab File: BF115184.D

Acq: 25 Jun 2019 13:46

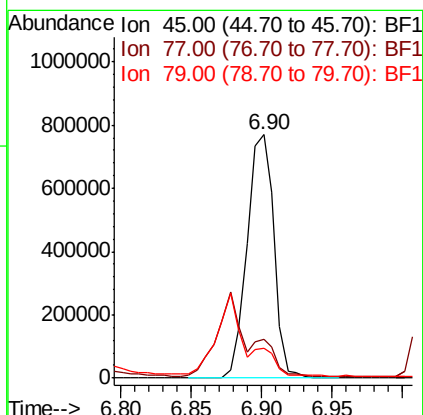
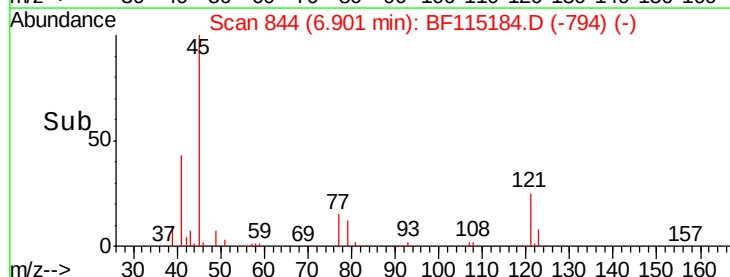
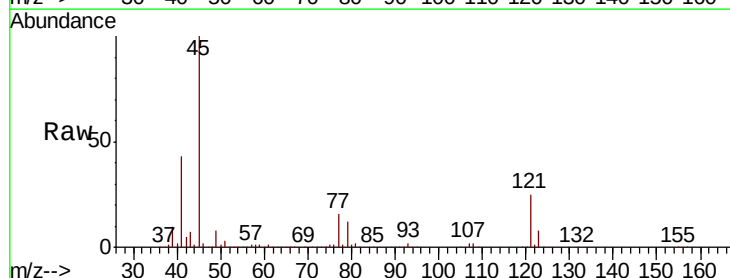
Tgt Ion: 45 Resp: 1026650

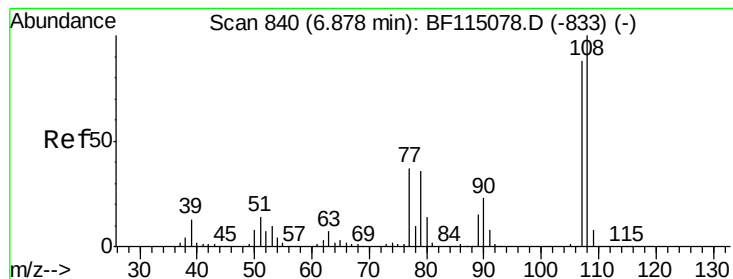
Ion Ratio Lower Upper

45 100

77 15.9 0.0 34.6

79 12.5 0.0 31.2





#17

2-Methylphenol

Concen: 43.994 ng

RT: 6.88 min Scan# 840

Delta R.T. 0.00 min

Lab File: BF115184.D

Acq: 25 Jun 2019 13:46

Instrument :

BNA_F

ClientSampleId :

PB120809BS

Tgt Ion:107 Resp: 699884

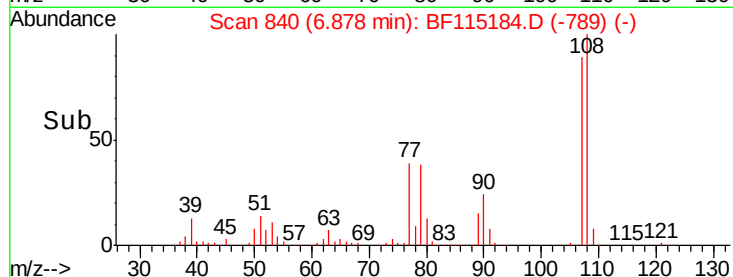
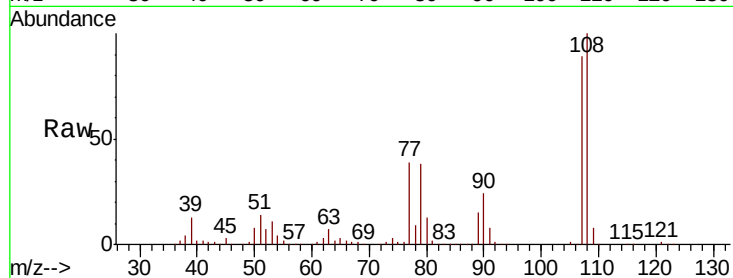
Ion Ratio Lower Upper

107 100

108 112.6 90.9 136.3

77 43.4 33.4 50.2

79 42.6 32.3 48.5

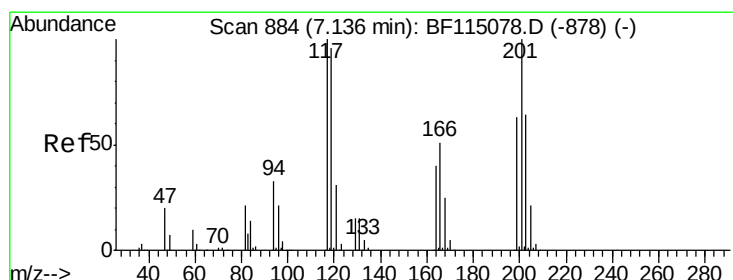
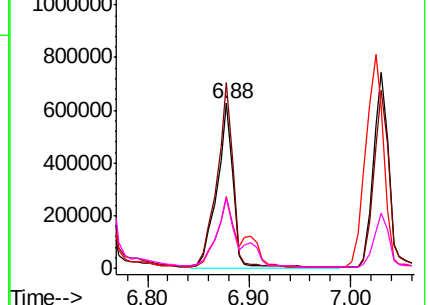


Abundance Ion 107.00 (106.70 to 107.70): E

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: 39.636 ng

RT: 7.12 min Scan# 882

Delta R.T. -0.01 min

Lab File: BF115184.D

Acq: 25 Jun 2019 13:46

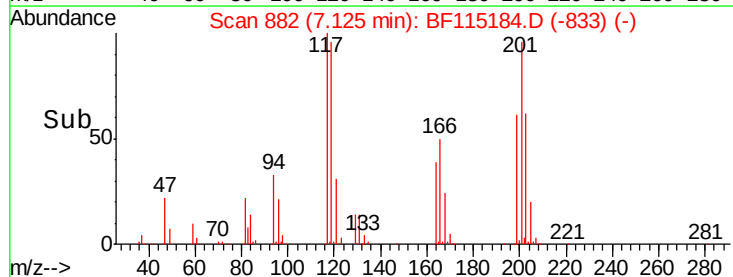
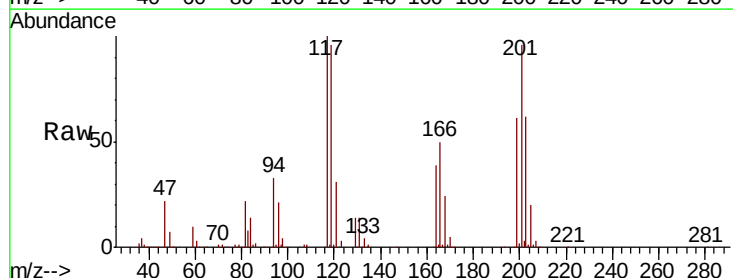
Tgt Ion:117 Resp: 306496

Ion Ratio Lower Upper

117 100

119 95.8 76.6 114.8

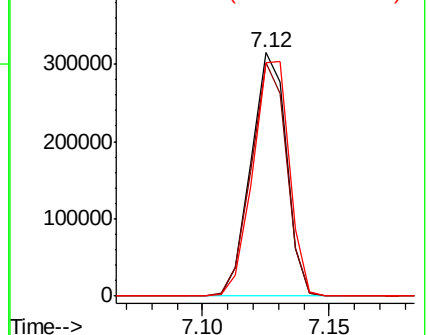
201 95.8 80.2 120.2

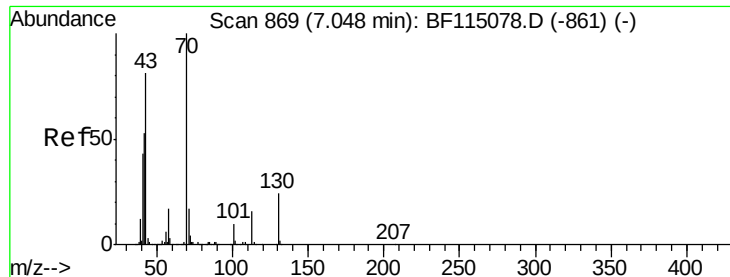


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

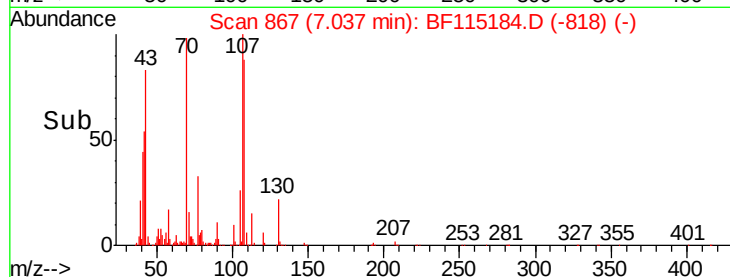
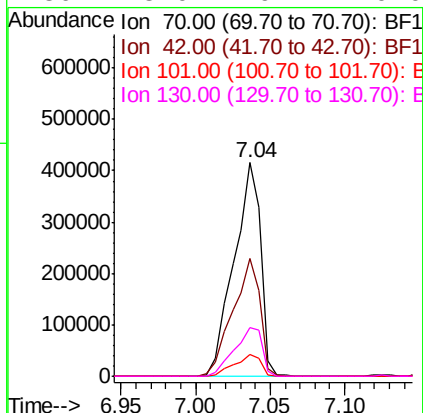
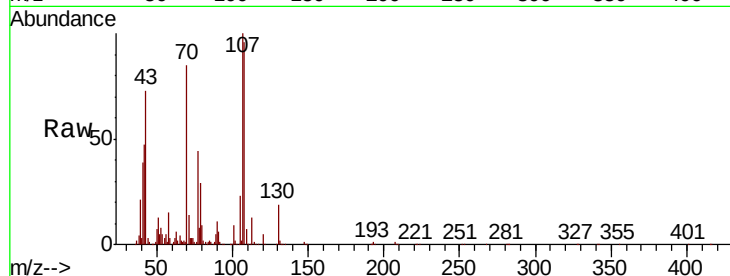




#19
n-Nitroso-di-n-propylamine
Concen: 38.748 ng
RT: 7.04 min Scan# 867
Delta R.T. -0.01 min
Lab File: BF115184.D
Acq: 25 Jun 2019 13:46

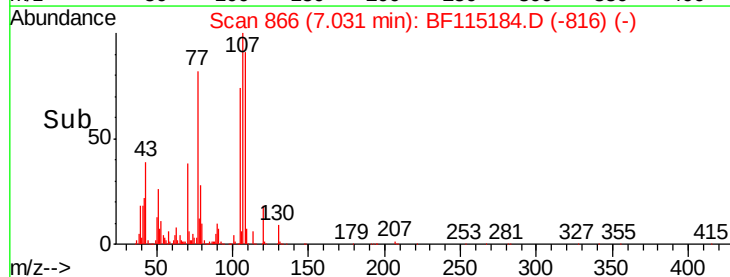
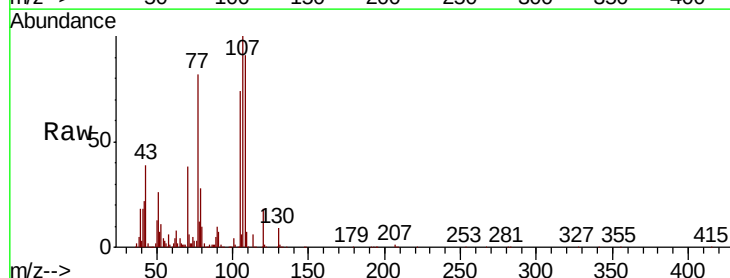
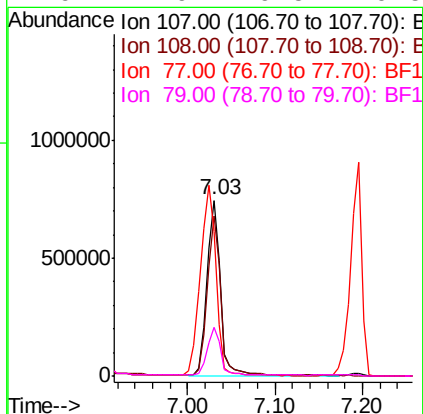
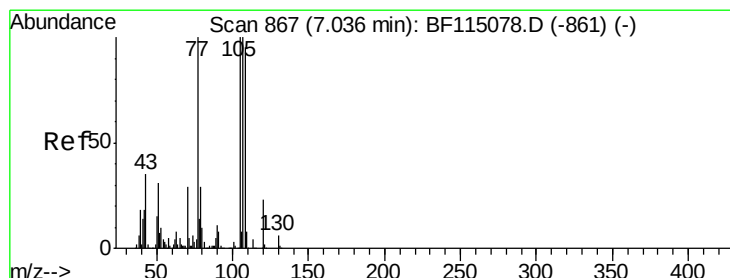
Instrument :
BNA_F
ClientSampleId :
PB120809BS

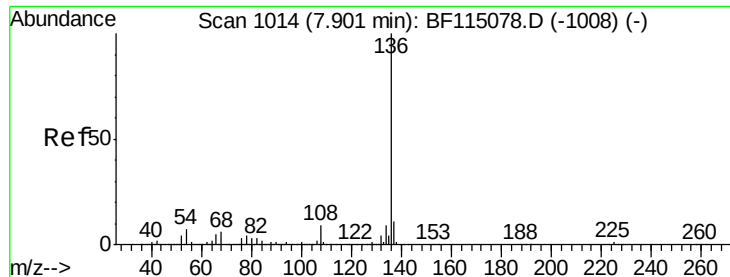
Tgt Ion:	70	Resp:	516087
Ion	Ratio	Lower	Upper
70	100		
42	55.3	42.6	63.8
101	10.4	8.0	12.0
130	23.0	19.4	29.0



#20
3+4-Methylphenols
Concen: 43.249 ng
RT: 7.03 min Scan# 866
Delta R.T. -0.01 min
Lab File: BF115184.D
Acq: 25 Jun 2019 13:46

Tgt Ion:	107	Resp:	794447
Ion	Ratio	Lower	Upper
107	100		
108	90.6	75.5	115.5
77	82.2	80.2	120.2
79	27.9	9.5	49.5





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.90 min Scan# 1013

Delta R.T. -0.01 min

Lab File: BF115184.D

Acq: 25 Jun 2019 13:46

Instrument :

BNA_F

ClientSampleId :

PB120809BS

Tgt Ion:136 Resp: 1066493

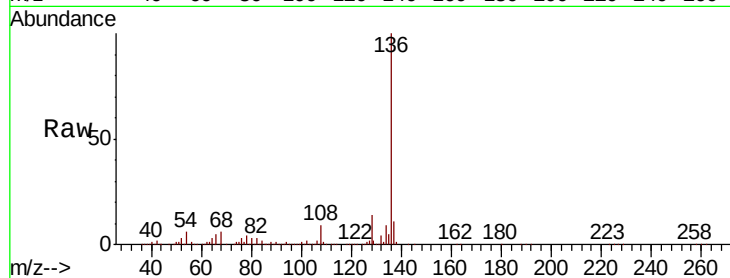
Ion Ratio Lower Upper

136 100

137 10.9 8.9 13.3

54 6.4 5.6 8.4

68 5.7 4.8 7.2

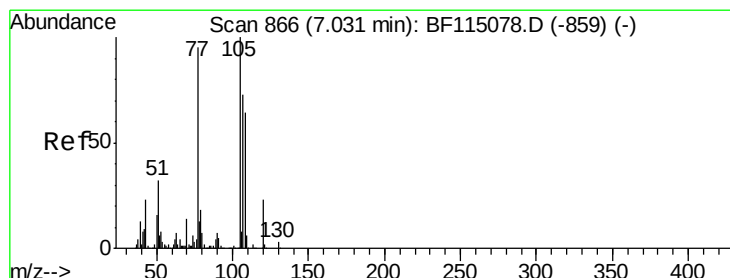
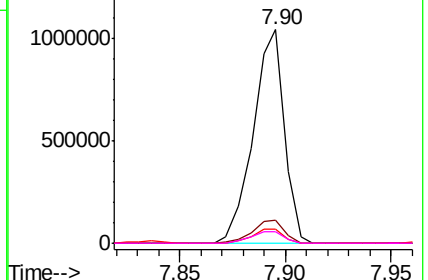
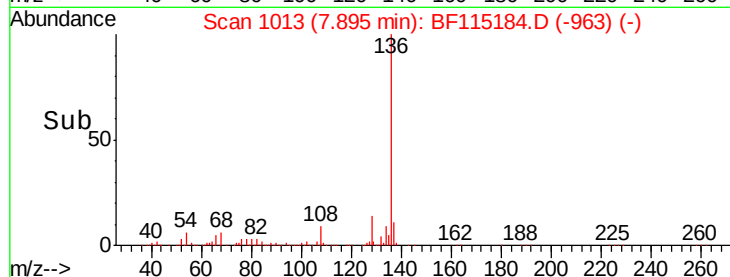


Abundance Ion 136.00 (135.70 to 136.70): E

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: 42.947 ng

RT: 7.02 min Scan# 865

Delta R.T. -0.01 min

Lab File: BF115184.D

Acq: 25 Jun 2019 13:46

Tgt Ion:105 Resp: 1048571

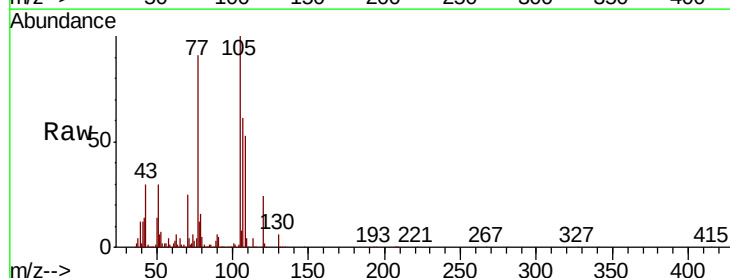
Ion Ratio Lower Upper

105 100

71 4.1 1.9 2.9#

51 30.3 25.8 38.8

120 23.8 18.5 27.7

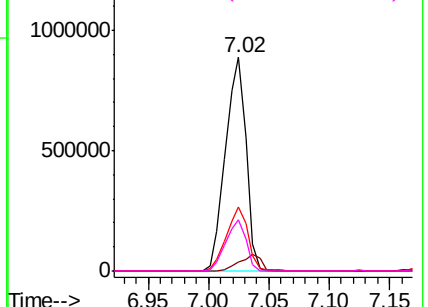
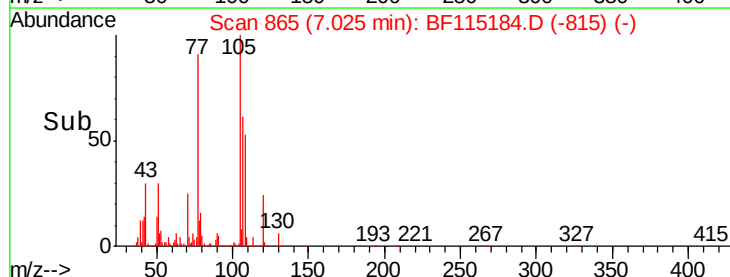


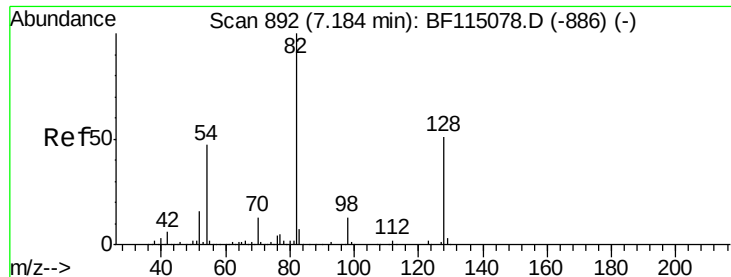
Abundance Ion 105.00 (104.70 to 105.70): E

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

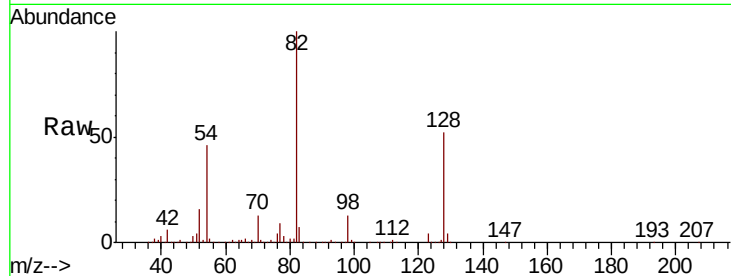




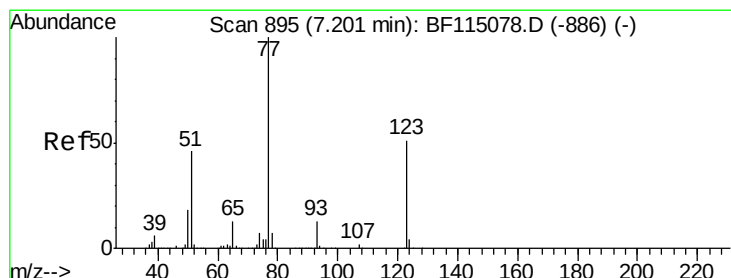
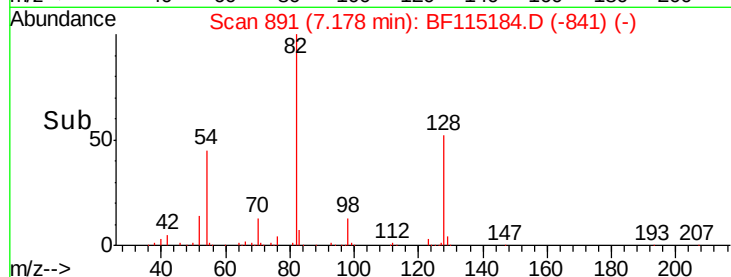
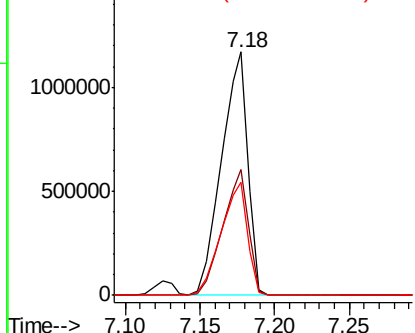
#23
 Nitrobenzene-d5
 Concen: 83.779 ng
 RT: 7.18 min Scan# 891
 Delta R.T. -0.01 min
 Lab File: BF115184.D
 Acq: 25 Jun 2019 13:46

Instrument :
 BNA_F
 ClientSampleId :
 PB120809BS

Tgt Ion: 82 Resp: 1452480
 Ion Ratio Lower Upper
 82 100
 128 51.7 40.4 60.6
 54 46.3 37.5 56.3

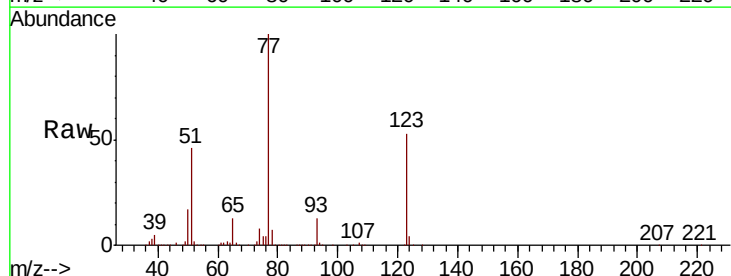


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

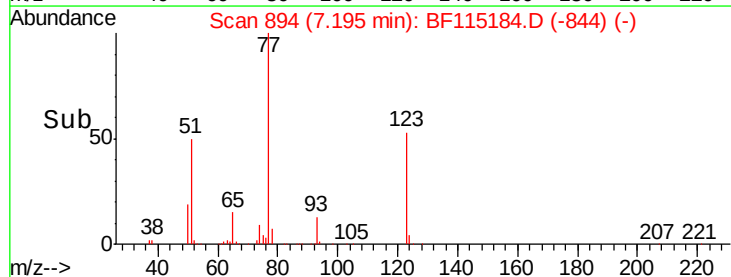
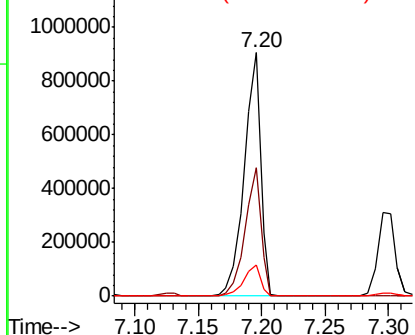


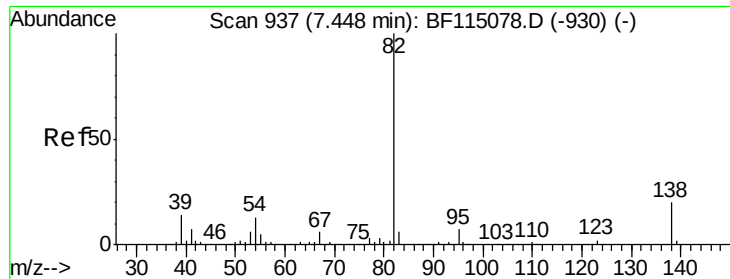
#24
 Nitrobenzene
 Concen: 42.285 ng
 RT: 7.20 min Scan# 894
 Delta R.T. -0.01 min
 Lab File: BF115184.D
 Acq: 25 Jun 2019 13:46

Tgt Ion: 77 Resp: 807642
 Ion Ratio Lower Upper
 77 100
 123 52.5 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: 41.659 ng

RT: 7.44 min Scan# 935

Delta R.T. -0.01 min

Lab File: BF115184.D

Acq: 25 Jun 2019 13:46

Instrument :

BNA_F

ClientSampleId :

PB120809BS

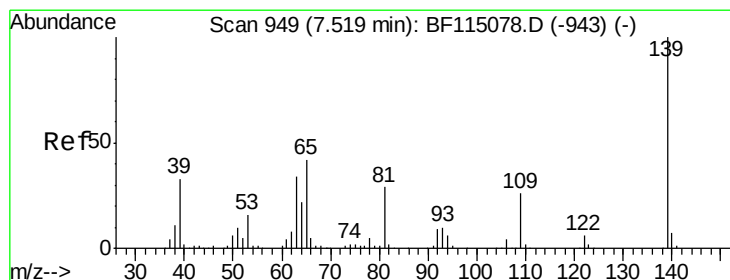
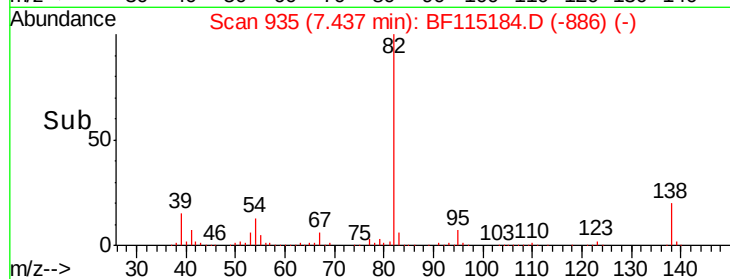
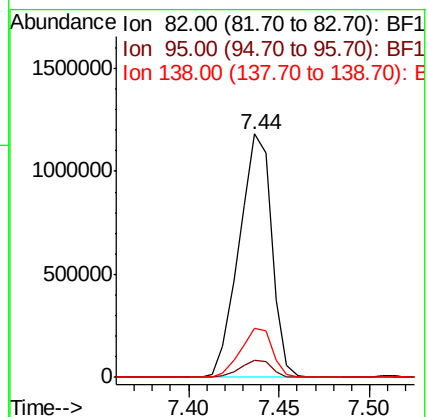
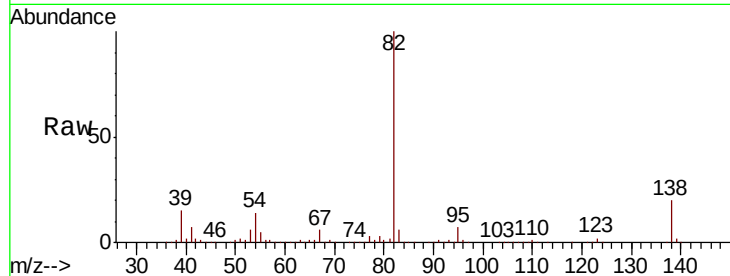
Tgt Ion: 82 Resp: 1479555

Ion Ratio Lower Upper

82 100

95 6.8 5.4 8.2

138 19.9 15.9 23.9



#26

2-Nitrophenol

Concen: 48.467 ng

RT: 7.51 min Scan# 948

Delta R.T. -0.01 min

Lab File: BF115184.D

Acq: 25 Jun 2019 13:46

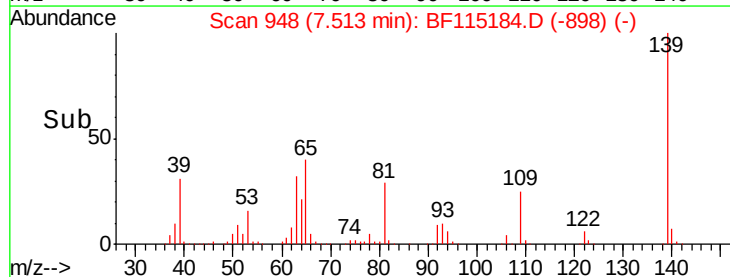
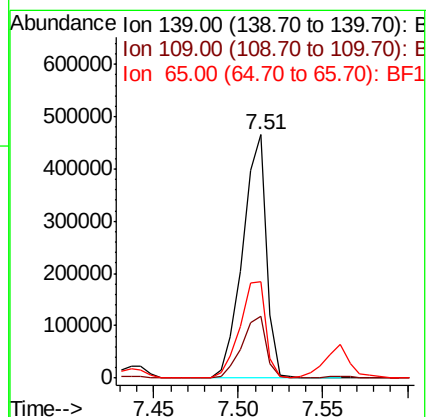
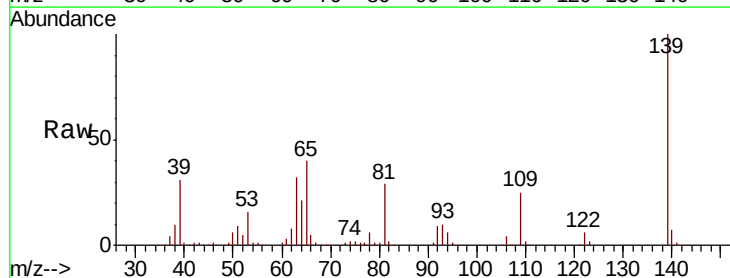
Tgt Ion: 139 Resp: 457161

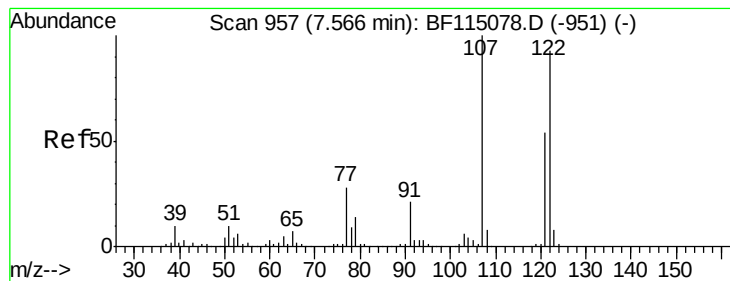
Ion Ratio Lower Upper

139 100

109 25.2 20.4 30.6

65 39.7 33.6 50.4





#27

2,4-Dimethylphenol

Concen: 48.936 ng

RT: 7.56 min Scan# 956

Delta R.T. -0.01 min

Lab File: BF115184.D

Acq: 25 Jun 2019 13:46

Instrument :

BNA_F

ClientSampleId :

PB120809BS

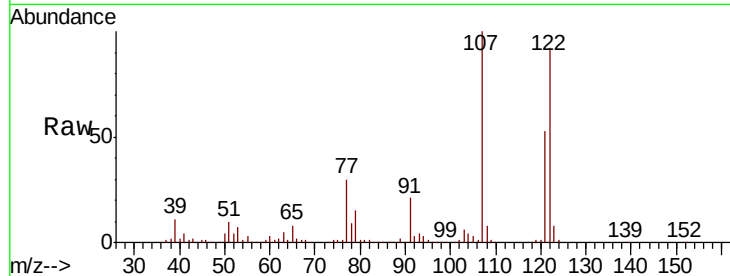
Tgt Ion:122 Resp: 755751

Ion Ratio Lower Upper

122 100

107 109.2 85.8 128.6

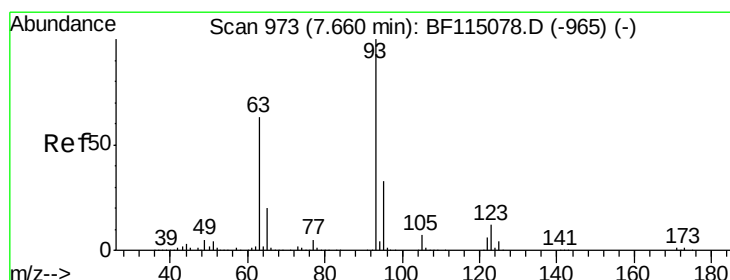
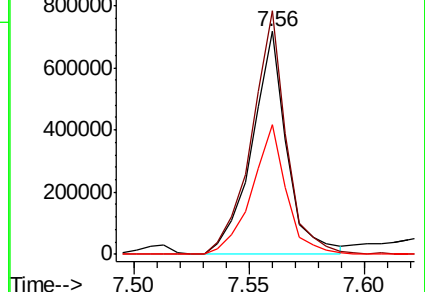
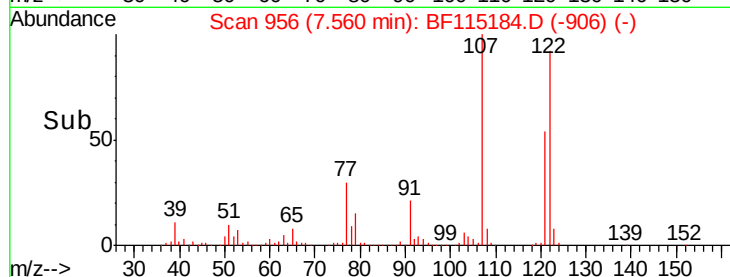
121 58.4 46.3 69.5



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: 41.399 ng

RT: 7.65 min Scan# 972

Delta R.T. -0.01 min

Lab File: BF115184.D

Acq: 25 Jun 2019 13:46

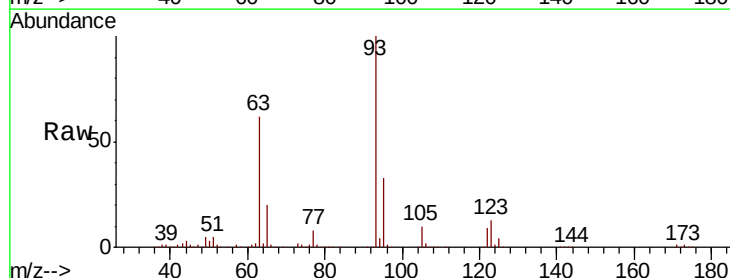
Tgt Ion: 93 Resp: 929307

Ion Ratio Lower Upper

93 100

95 33.4 26.2 39.4

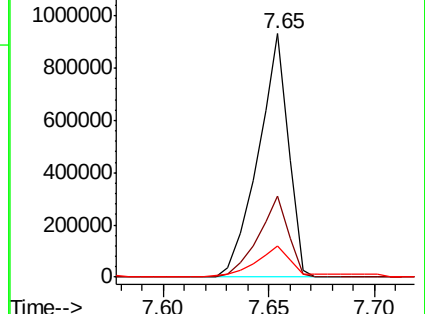
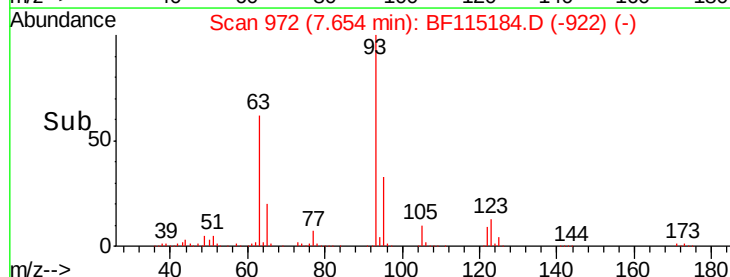
123 12.9 9.7 14.5

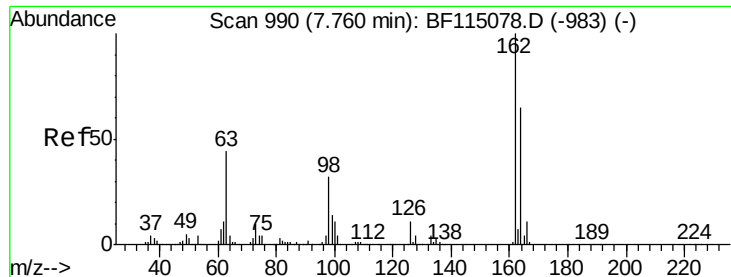


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

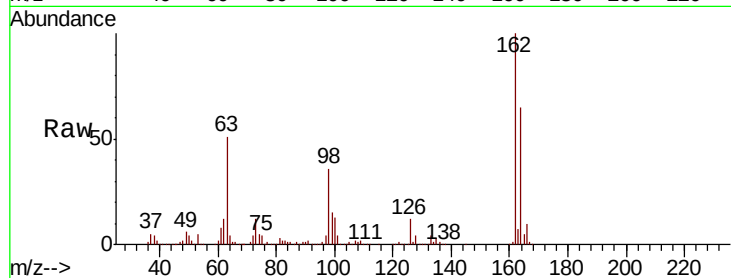




#29
2,4-Dichlorophenol
Concen: 44.680 ng
RT: 7.75 min Scan# 989
Delta R.T. -0.01 min
Lab File: BF115184.D
Acq: 25 Jun 2019 13:46

Instrument :
BNA_F
ClientSampleId :
PB120809BS

Tgt Ion	Ratio	Lower	Upper
162	100		
164	64.9	45.3	85.3
98	36.3	12.5	52.5

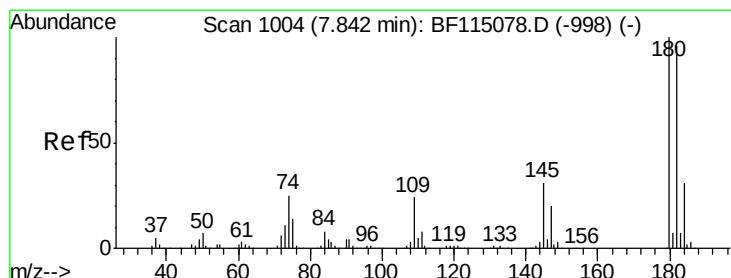
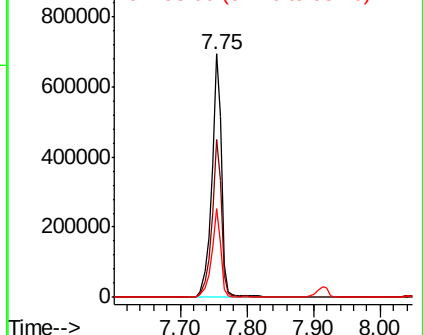
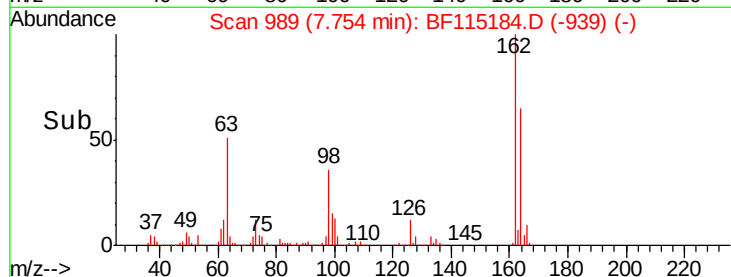


Abundance

Ion 162.00 (161.70 to 162.70): E

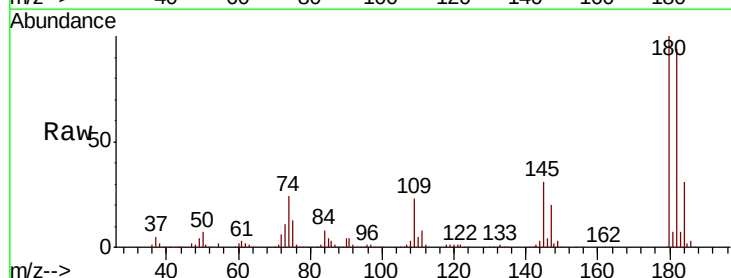
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30
1,2,4-Trichlorobenzene
Concen: 42.532 ng
RT: 7.84 min Scan# 1003
Delta R.T. -0.01 min
Lab File: BF115184.D
Acq: 25 Jun 2019 13:46

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.2	76.4	114.6
145	30.7	24.8	37.2

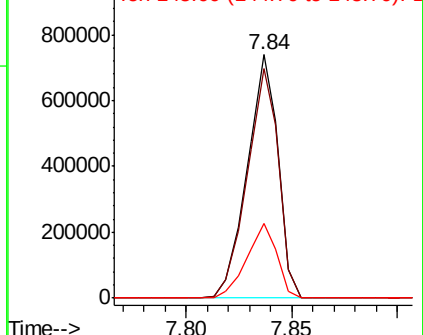
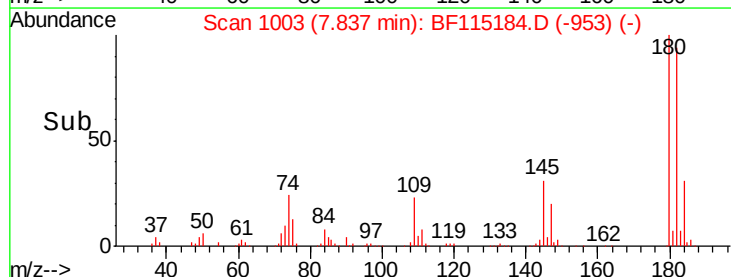


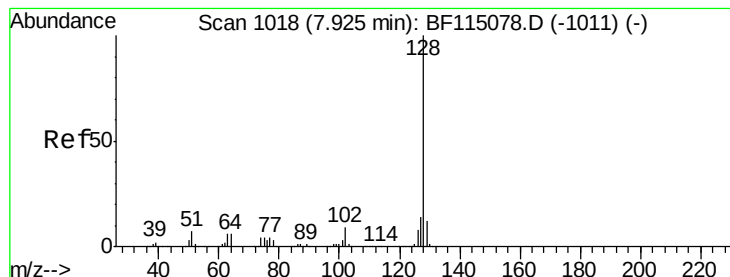
Abundance

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: 42.930 ng

RT: 7.91 min Scan# 1016

Delta R.T. -0.01 min

Lab File: BF115184.D

Acq: 25 Jun 2019 13:46

Instrument :

BNA_F

ClientSampleId :

PB120809BS

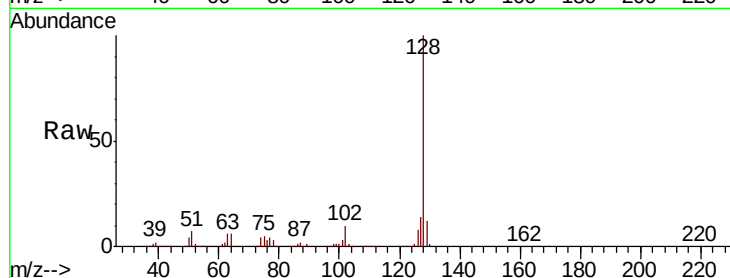
Tgt Ion:128 Resp: 2247424

Ion Ratio Lower Upper

128 100

129 12.1 9.6 14.4

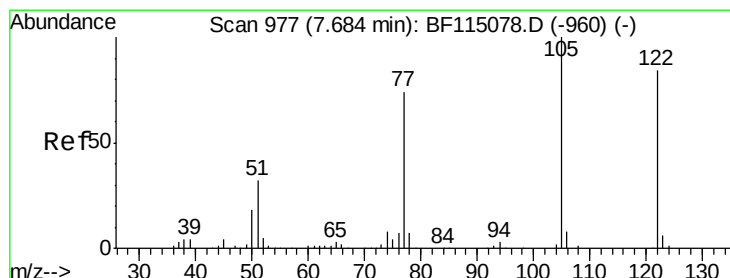
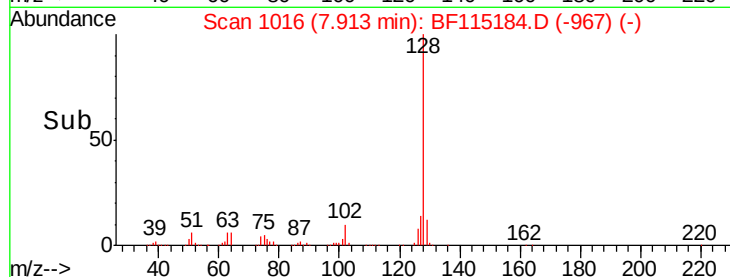
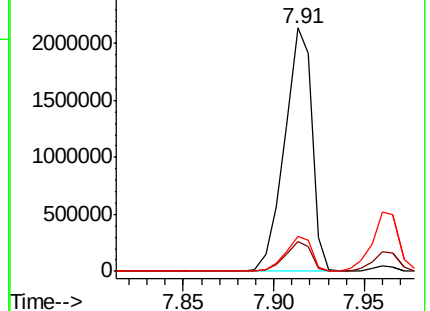
127 14.1 11.4 17.0



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: 53.933 ng

RT: 7.70 min Scan# 980

Delta R.T. 0.02 min

Lab File: BF115184.D

Acq: 25 Jun 2019 13:46

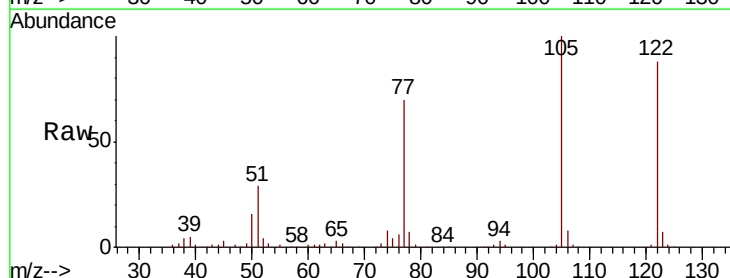
Tgt Ion:122 Resp: 594548

Ion Ratio Lower Upper

122 100

105 114.1 98.2 138.2

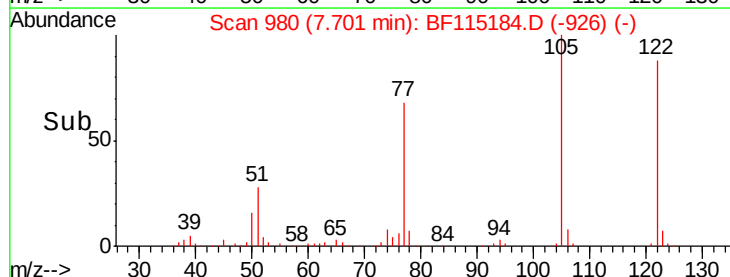
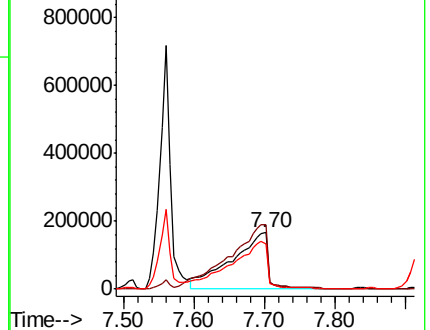
77 79.5 67.0 107.0

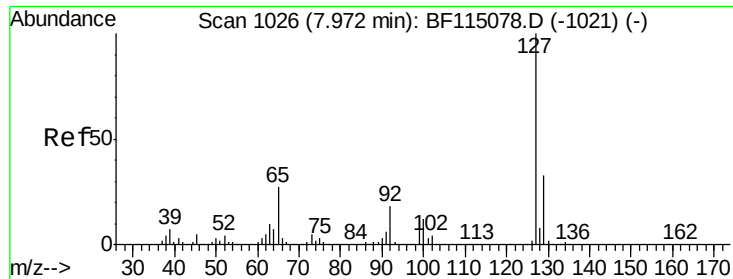


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

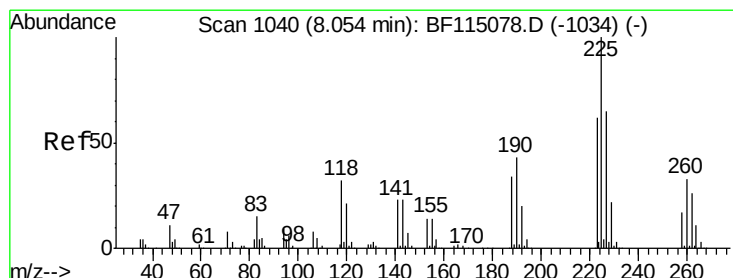
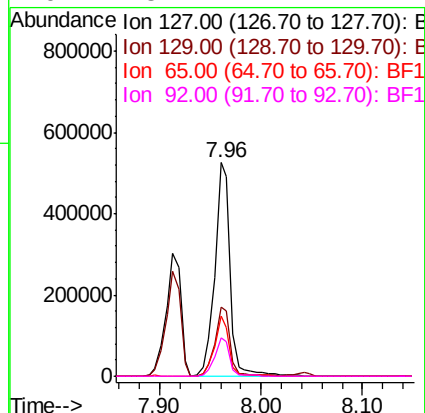
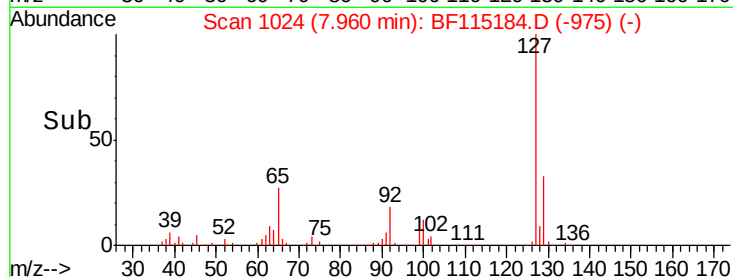
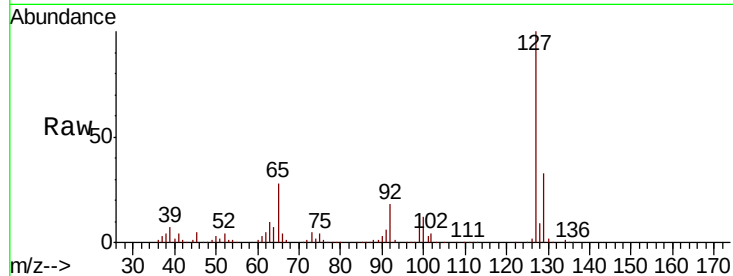




#33
4-Chloroaniline
Concen: 23.067 ng
RT: 7.96 min Scan# 1024
Delta R.T. -0.01 min
Lab File: BF115184.D
Acq: 25 Jun 2019 13:46

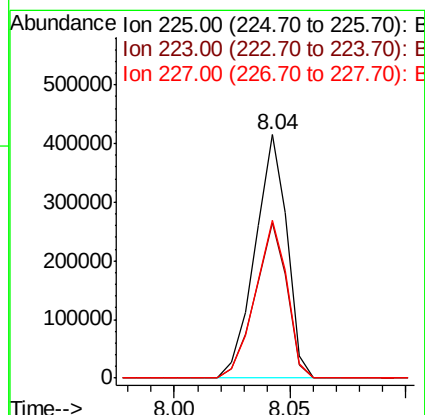
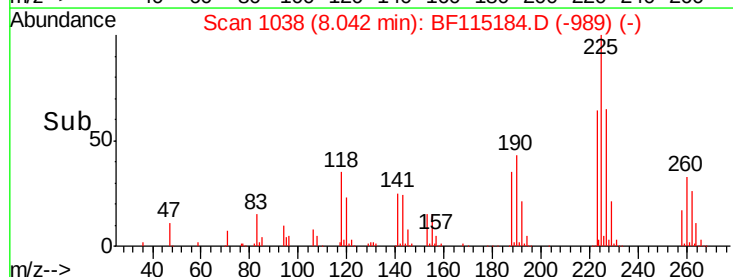
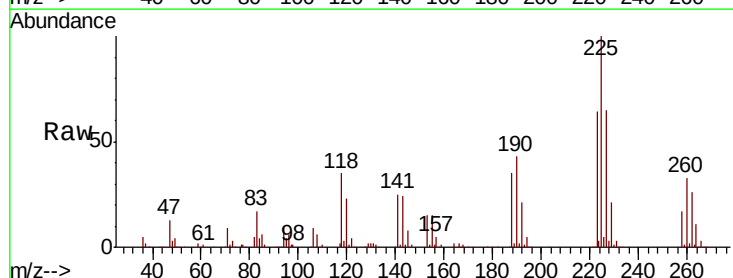
Instrument :
BNA_F
ClientSampleId :
PB120809BS

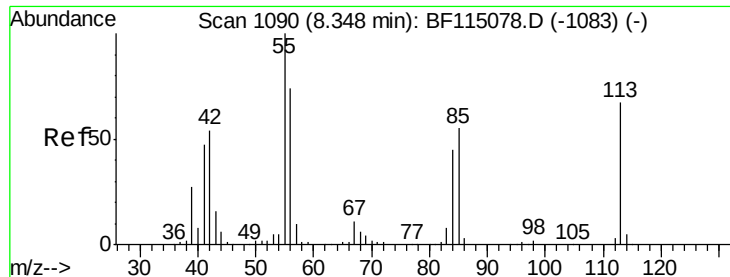
Tgt Ion:	127	Resp:	551894
Ion	Ratio	Lower	Upper
127	100		
129	32.6	26.1	39.1
65	28.2	21.4	32.2
92	18.2	14.1	21.1



#34
Hexachlorobutadiene
Concen: 41.589 ng
RT: 8.04 min Scan# 1038
Delta R.T. -0.01 min
Lab File: BF115184.D
Acq: 25 Jun 2019 13:46

Tgt Ion:	225	Resp:	401216
Ion	Ratio	Lower	Upper
225	100		
223	63.8	49.4	74.2
227	64.8	51.8	77.8

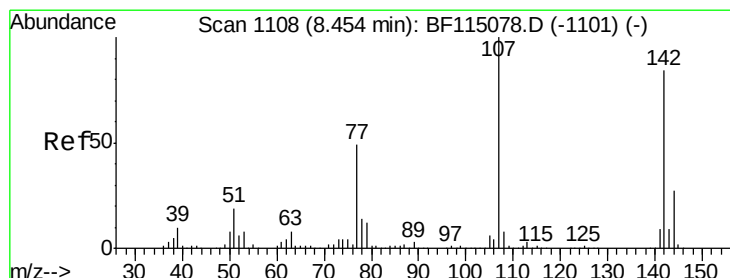
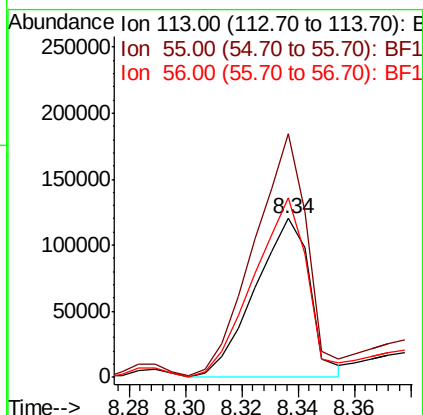
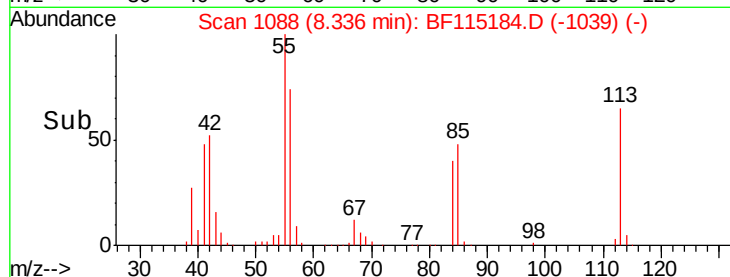
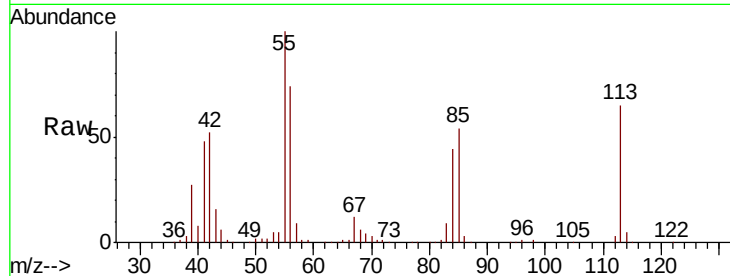




#35
Caprolactam
Concen: 30.255 ng
RT: 8.34 min Scan# 1088
Delta R.T. -0.01 min
Lab File: BF115184.D
Acq: 25 Jun 2019 13:46

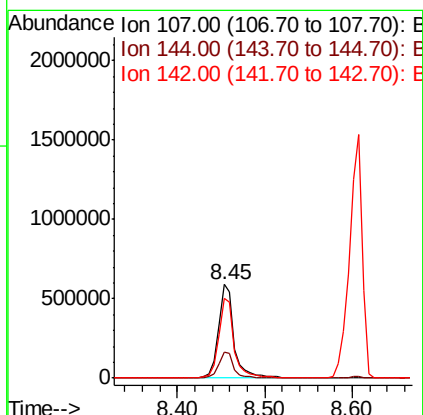
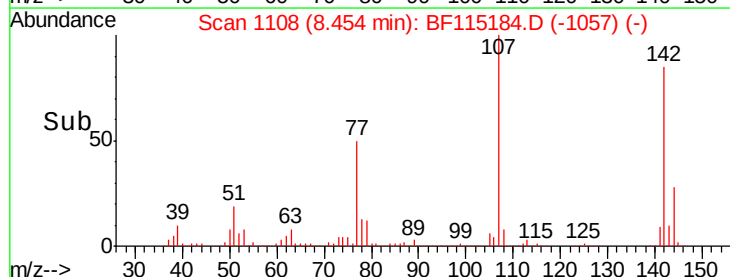
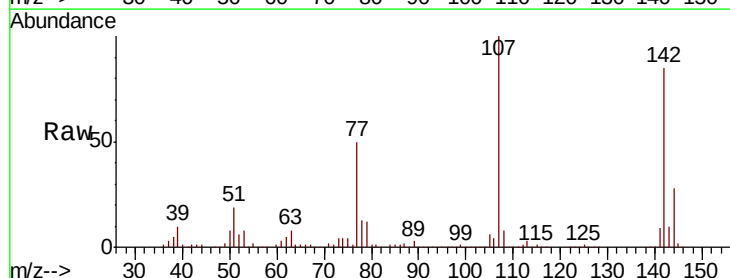
Instrument :
BNA_F
ClientSampleId :
PB120809BS

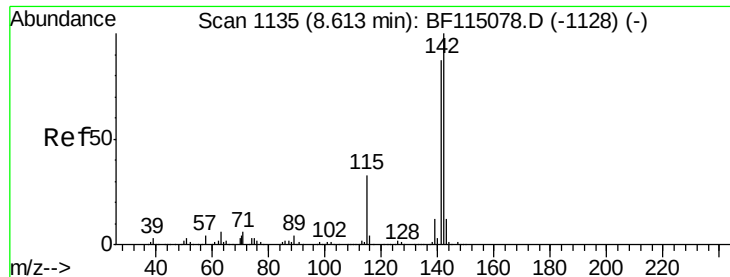
Tgt Ion:113 Resp: 162117
Ion Ratio Lower Upper
113 100
55 153.4 130.2 170.2
56 113.1 91.6 131.6



#36
4-Chloro-3-methylphenol
Concen: 45.167 ng
RT: 8.45 min Scan# 1108
Delta R.T. 0.00 min
Lab File: BF115184.D
Acq: 25 Jun 2019 13:46

Tgt Ion:107 Resp: 729008
Ion Ratio Lower Upper
107 100
144 28.1 21.7 32.5
142 84.6 67.0 100.4

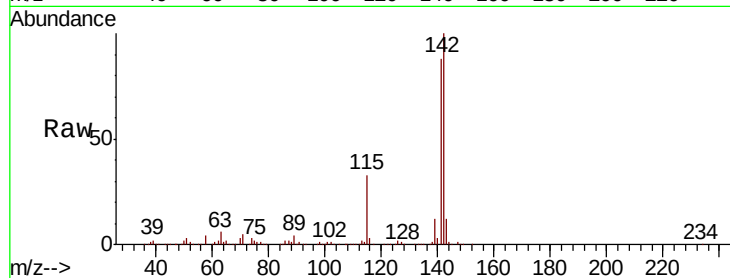




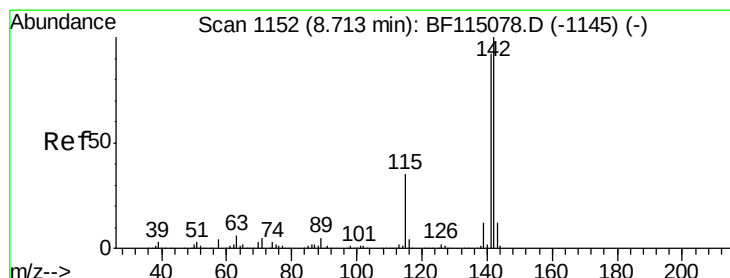
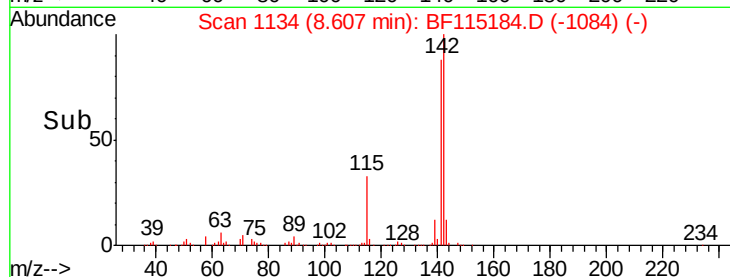
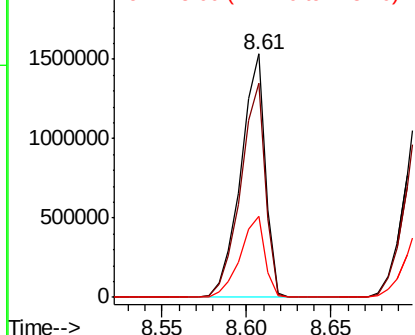
#37
 2-Methylnaphthalene
 Concen: 44.282 ng
 RT: 8.61 min Scan# 1134
 Delta R.T. -0.01 min
 Lab File: BF115184.D
 Acq: 25 Jun 2019 13:46

Instrument :
 BNA_F
 ClientSampleId :
 PB120809BS

Tgt Ion:142 Resp: 1563086
 Ion Ratio Lower Upper
 142 100
 141 87.8 69.8 104.6
 115 33.3 26.7 40.1

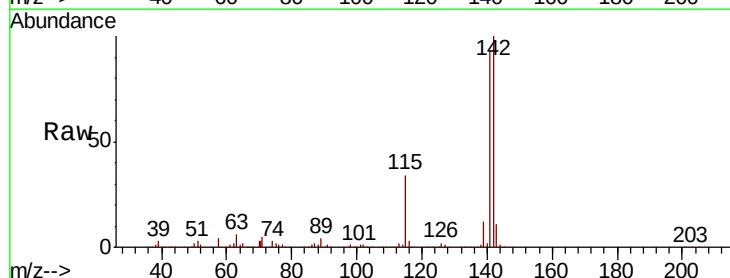


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

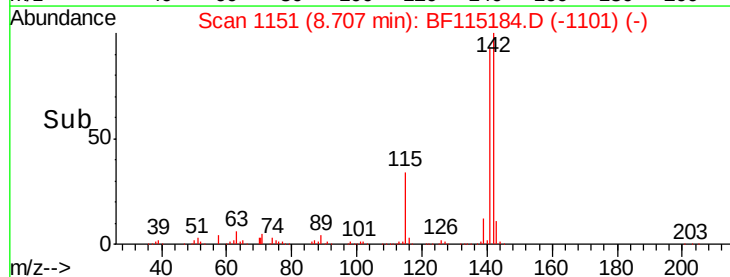
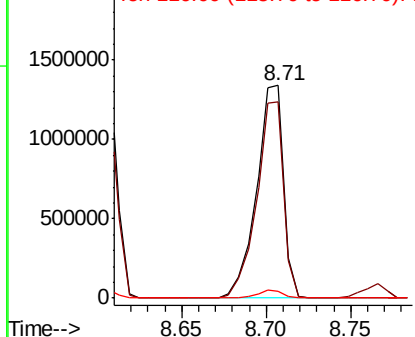


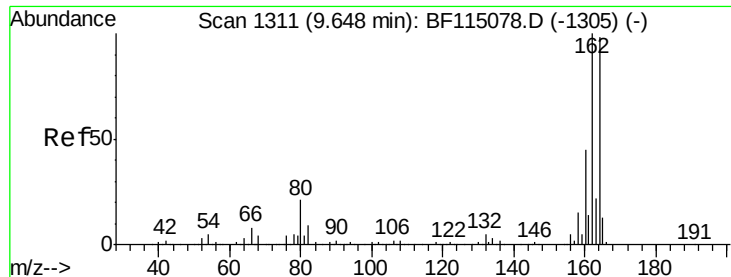
#38
 1-Methylnaphthalene
 Concen: 43.983 ng
 RT: 8.71 min Scan# 1151
 Delta R.T. -0.01 min
 Lab File: BF115184.D
 Acq: 25 Jun 2019 13:46

Tgt Ion:142 Resp: 1482772
 Ion Ratio Lower Upper
 142 100
 141 92.6 73.8 110.8
 116 3.5 2.8 4.2



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

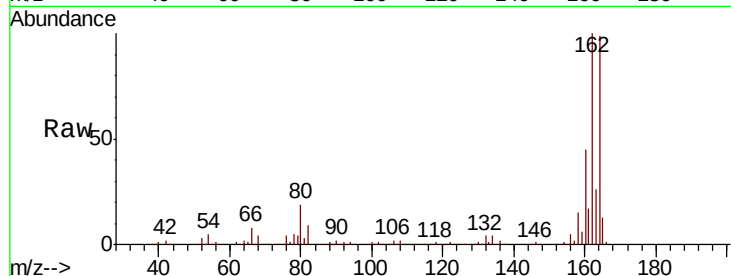




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.64 min Scan# 1310
Delta R.T. -0.01 min
Lab File: BF115184.D
Acq: 25 Jun 2019 13:46

Instrument :
BNA_F
ClientSampleId :
PB120809BS

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.1	81.7	122.5
160	45.3	37.0	55.4

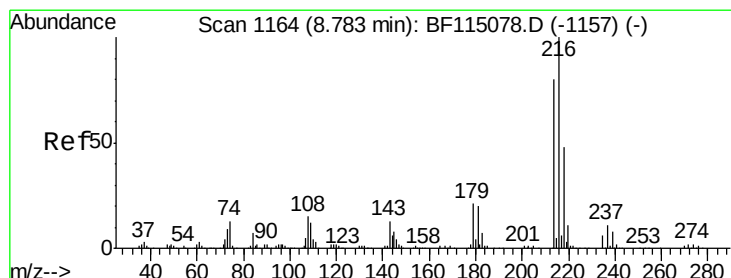
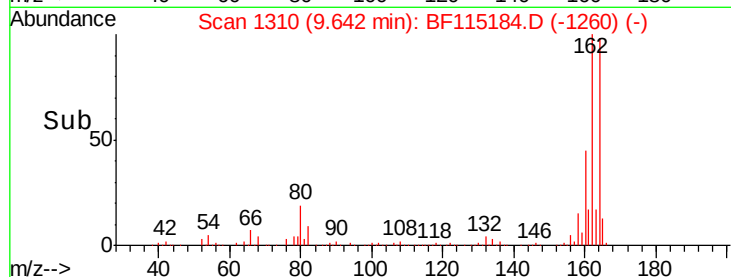
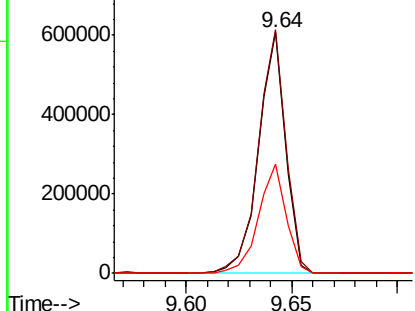


Abundance

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: 43.247 ng
RT: 8.77 min Scan# 1162
Delta R.T. -0.01 min
Lab File: BF115184.D
Acq: 25 Jun 2019 13:46

Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.8	63.8	95.6
179	21.8	17.6	26.4
108	20.4	15.7	23.5

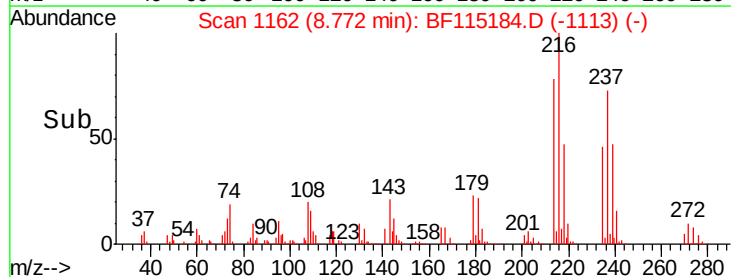
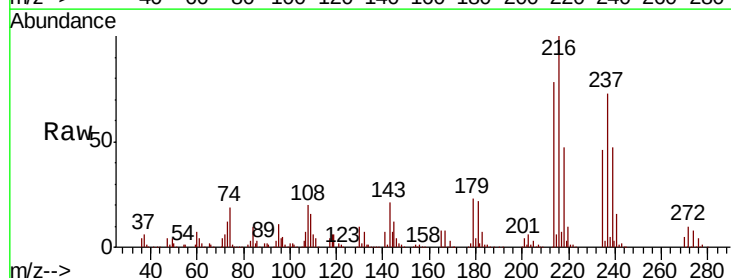
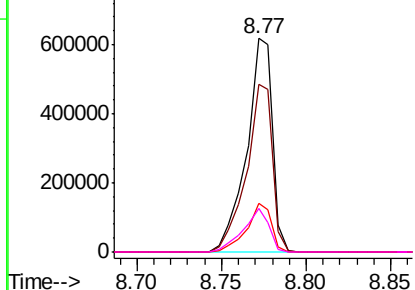
Abundance

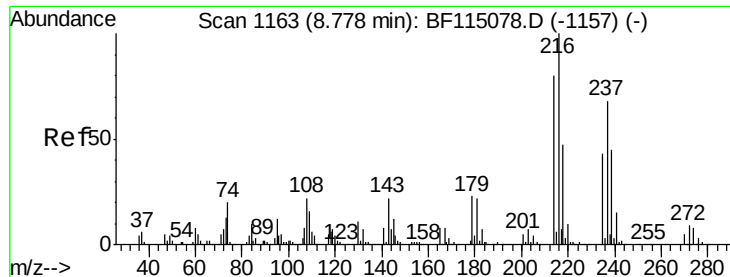
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 76.207 ng

RT: 8.77 min Scan# 1161

Delta R.T. -0.01 min

Lab File: BF115184.D

Acq: 25 Jun 2019 13:46

Instrument :

BNA_F

ClientSampleId :

PB120809BS

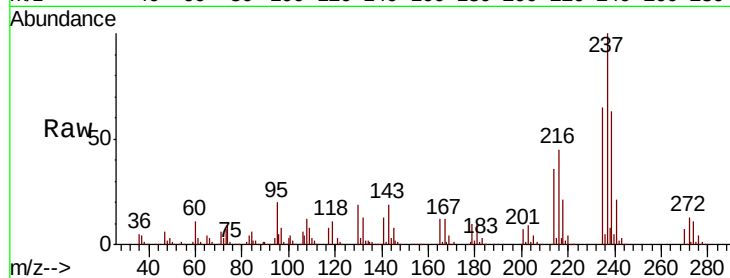
Tgt Ion:237 Resp: 691178

Ion Ratio Lower Upper

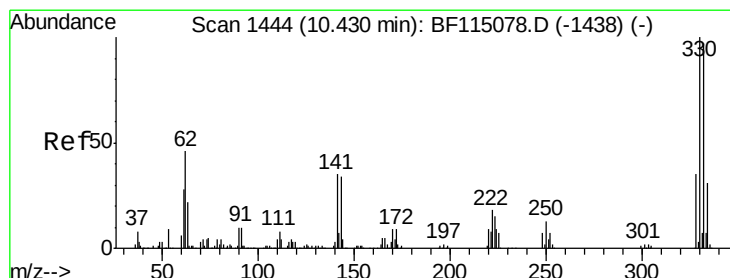
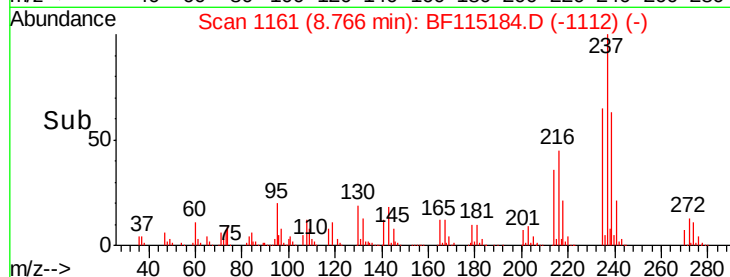
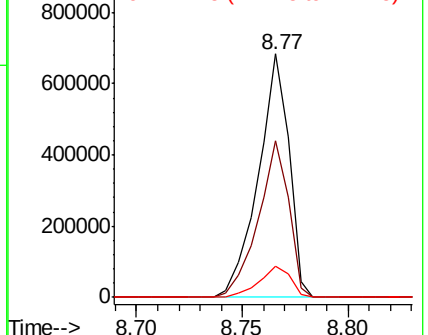
237 100

235 64.6 43.9 83.9

272 12.9 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: 122.958 ng

RT: 10.42 min Scan# 1443

Delta R.T. -0.01 min

Lab File: BF115184.D

Acq: 25 Jun 2019 13:46

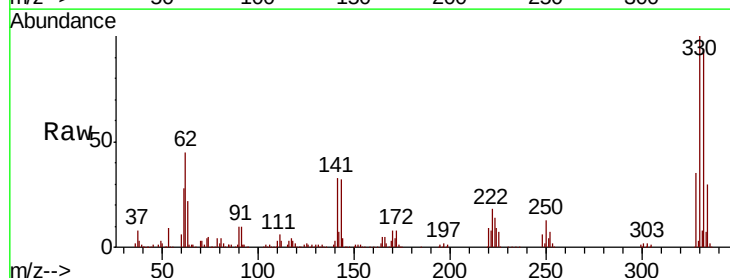
Tgt Ion:330 Resp: 701843

Ion Ratio Lower Upper

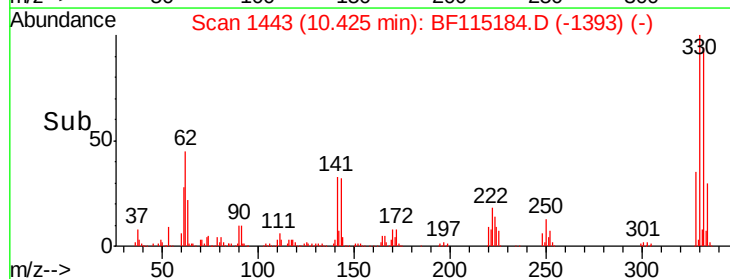
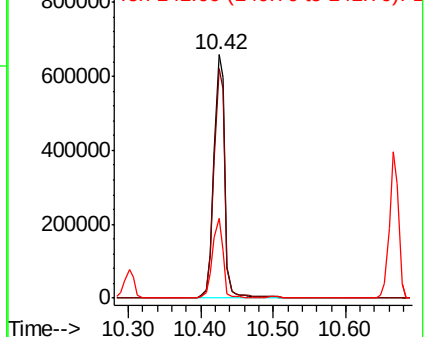
330 100

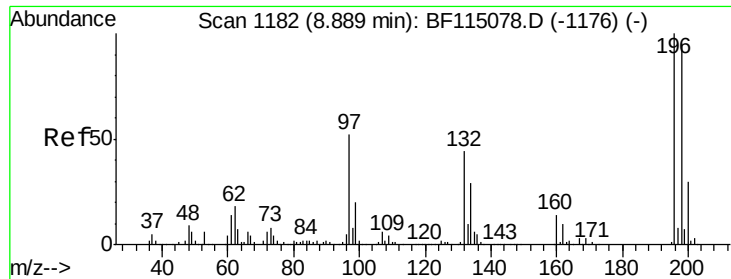
332 95.1 77.3 115.9

141 31.6 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

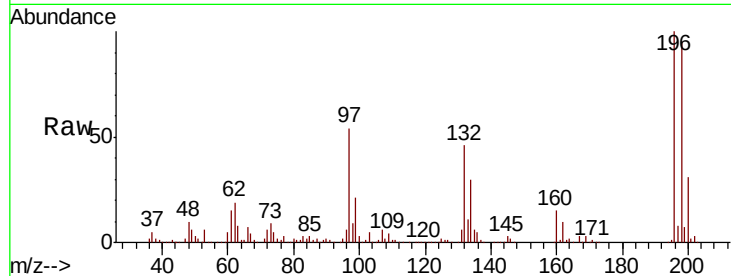




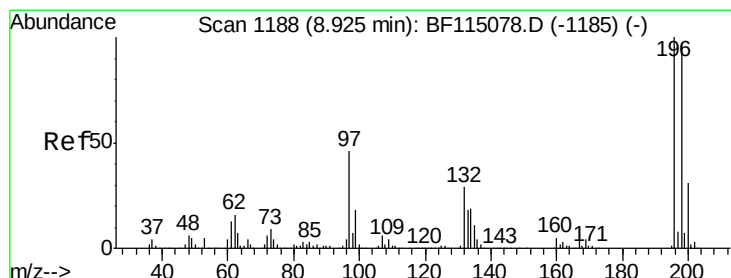
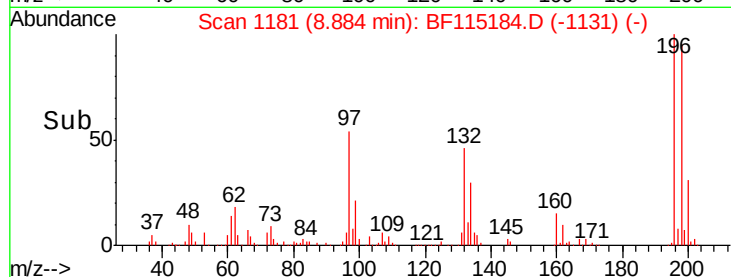
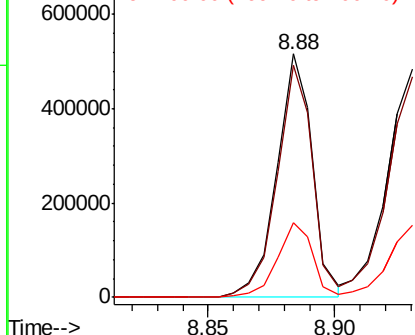
#43
 2,4,6-Trichlorophenol
 Concen: 42.756 ng
 RT: 8.88 min Scan# 1181
 Delta R.T. -0.01 min
 Lab File: BF115184.D
 Acq: 25 Jun 2019 13:46

Instrument :
 BNA_F
 ClientSampleId :
 PB120809BS

Tgt Ion:196 Resp: 504890
 Ion Ratio Lower Upper
 196 100
 198 95.4 76.3 114.5
 200 30.5 24.2 36.4



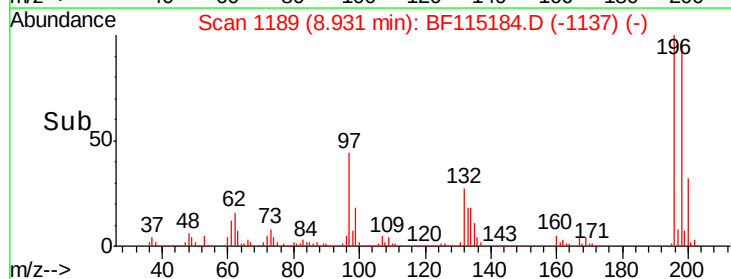
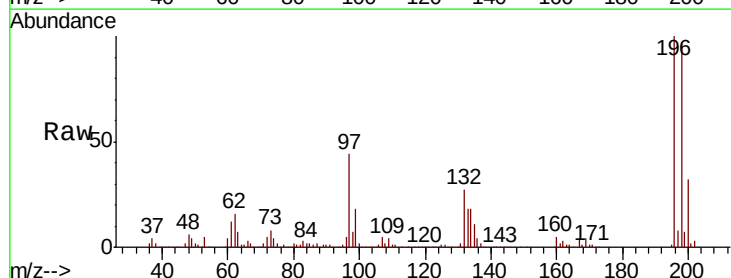
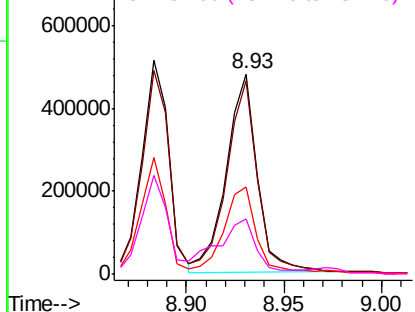
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

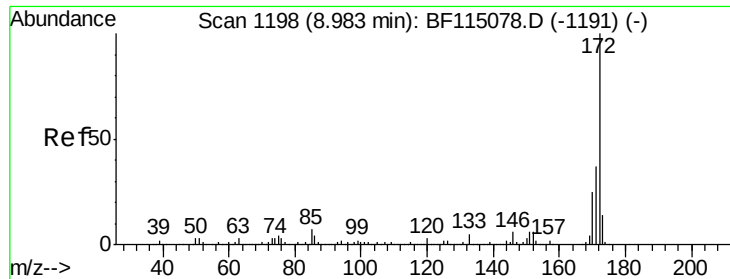


#44
 2,4,5-Trichlorophenol
 Concen: 43.737 ng
 RT: 8.93 min Scan# 1189
 Delta R.T. 0.01 min
 Lab File: BF115184.D
 Acq: 25 Jun 2019 13:46

Tgt Ion:196 Resp: 531875
 Ion Ratio Lower Upper
 196 100
 198 96.6 77.1 115.7
 97 43.7 37.7 56.5
 132 27.2 23.1 34.7

Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

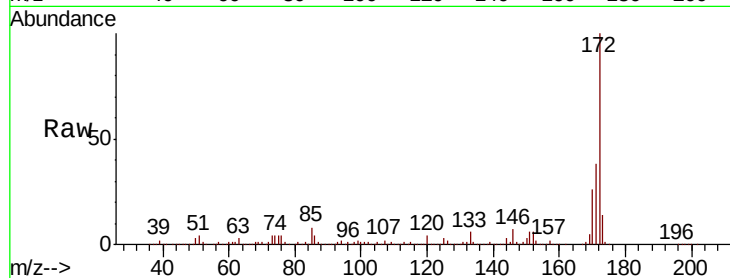




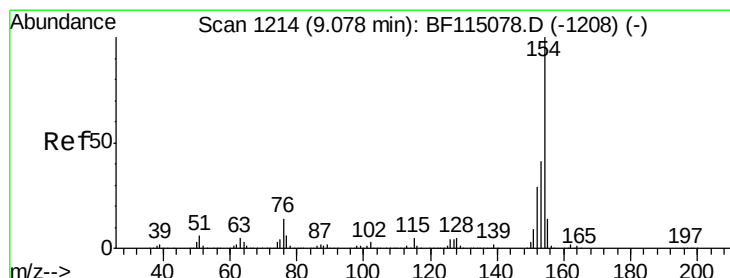
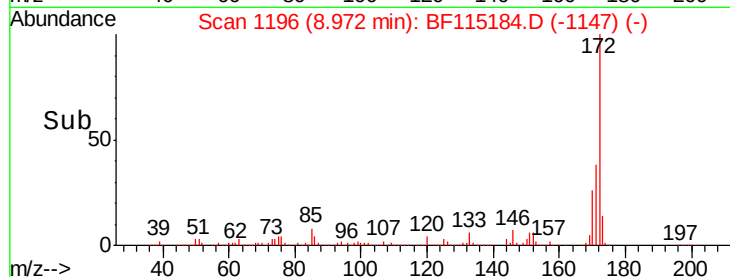
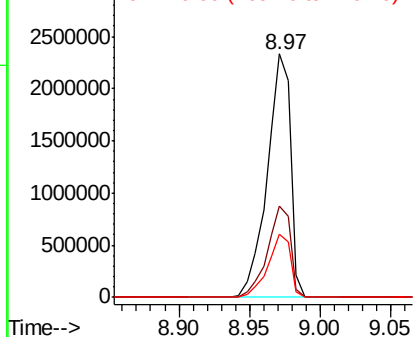
#45
2-Fluorobiphenyl
Concen: 85.229 ng
RT: 8.97 min Scan# 1196
Delta R.T. -0.01 min
Lab File: BF115184.D
Acq: 25 Jun 2019 13:46

Instrument :
BNA_F
ClientSampleId :
PB120809BS

Tgt Ion:172 Resp: 2715894
Ion Ratio Lower Upper
172 100
171 37.7 29.8 44.6
170 25.9 20.3 30.5

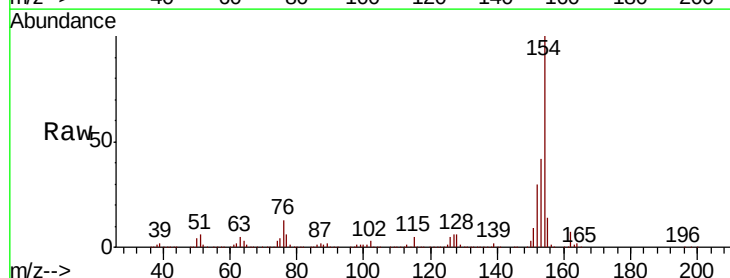


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

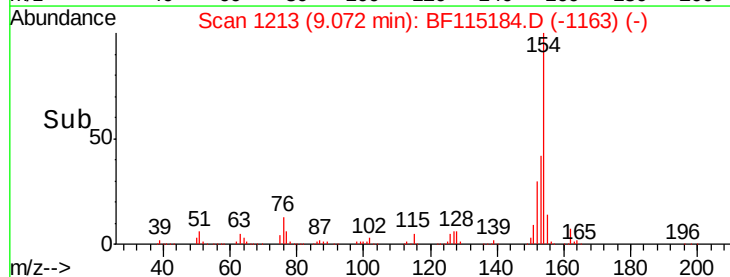
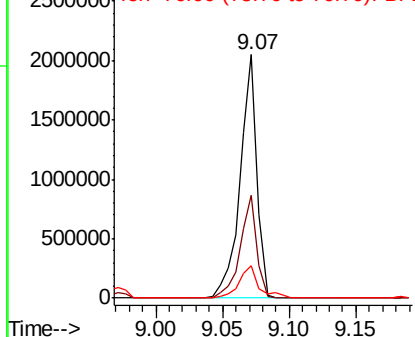


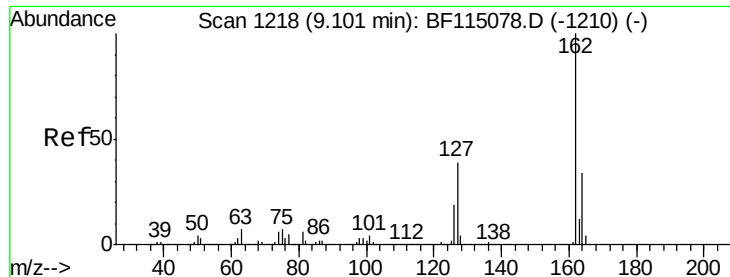
#46
1,1'-Biphenyl
Concen: 41.519 ng
RT: 9.07 min Scan# 1213
Delta R.T. -0.01 min
Lab File: BF115184.D
Acq: 25 Jun 2019 13:46

Tgt Ion:154 Resp: 1798175
Ion Ratio Lower Upper
154 100
153 42.2 20.9 60.9
76 13.2 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

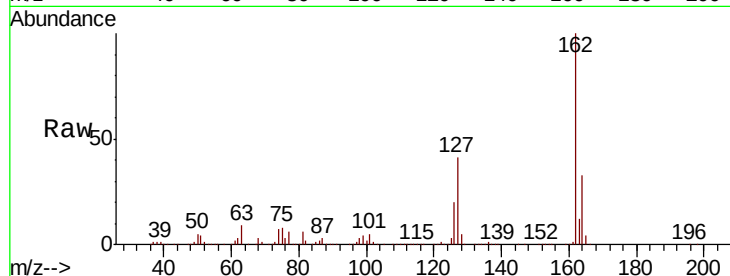




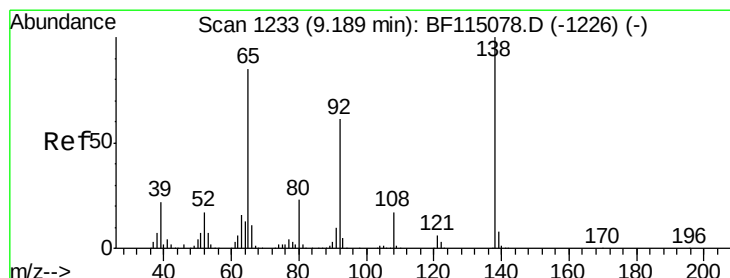
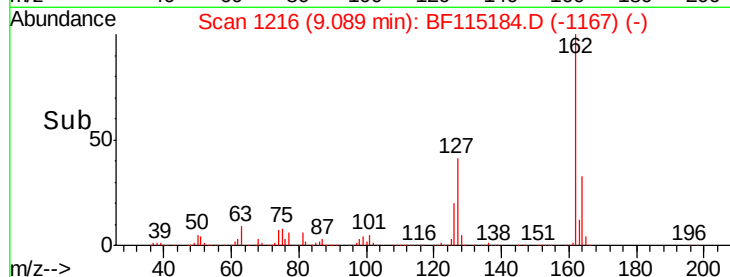
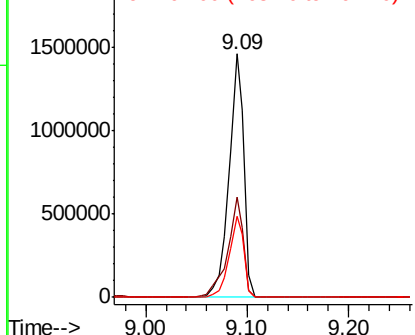
#47
2-Chloronaphthalene
Concen: 41.934 ng
RT: 9.09 min Scan# 1216
Delta R.T. -0.01 min
Lab File: BF115184.D
Acq: 25 Jun 2019 13:46

Instrument :
BNA_F
ClientSampleId :
PB120809BS

Tgt Ion: 162 Resp: 1473186
Ion Ratio Lower Upper
162 100
127 41.0 30.8 46.2
164 33.5 27.0 40.4

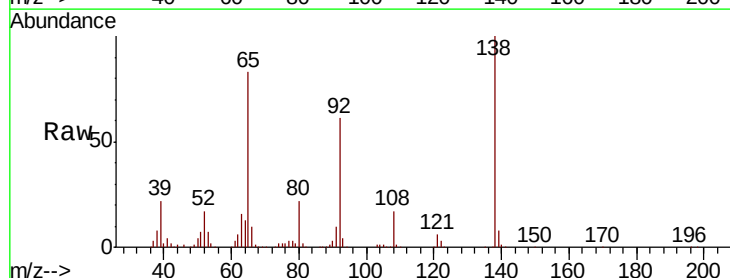


Abundance Ion 162.00 (161.70 to 162.70): E
2000000 Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

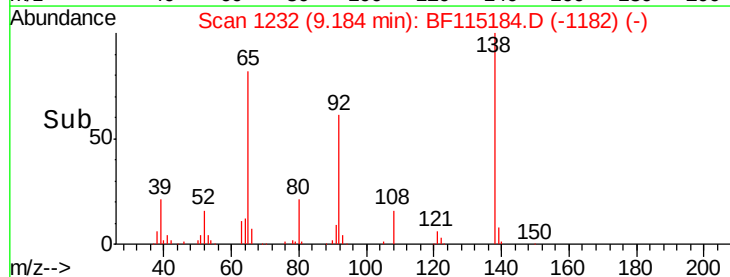
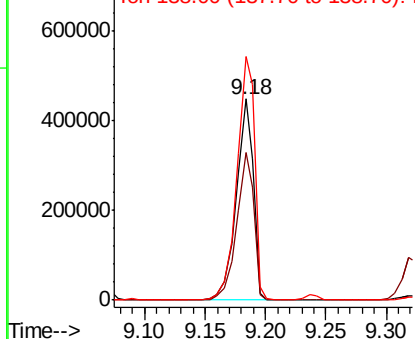


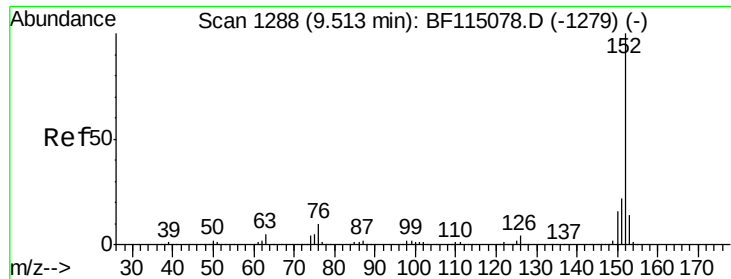
#48
2-Nitroaniline
Concen: 43.224 ng
RT: 9.18 min Scan# 1232
Delta R.T. -0.01 min
Lab File: BF115184.D
Acq: 25 Jun 2019 13:46

Tgt Ion: 65 Resp: 442707
Ion Ratio Lower Upper
65 100
92 73.5 57.4 86.2
138 121.0 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: 41.574 ng

RT: 9.50 min Scan# 1286

Delta R.T. -0.01 min

Lab File: BF115184.D

Acq: 25 Jun 2019 13:46

Instrument :

BNA_F

ClientSampleId :

PB120809BS

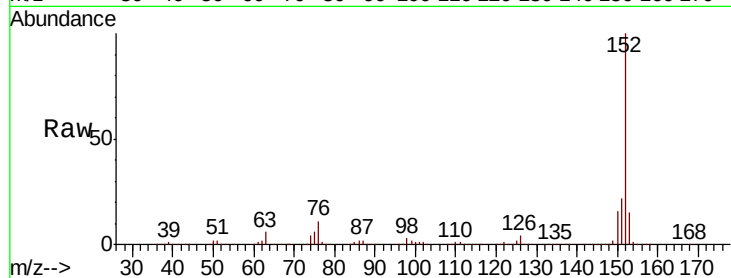
Tgt Ion:152 Resp: 2275557

Ion Ratio Lower Upper

152 100

151 21.7 17.2 25.8

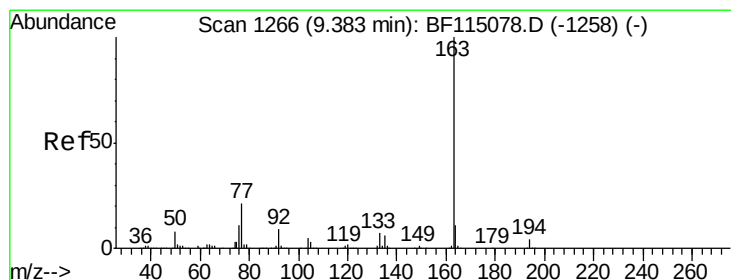
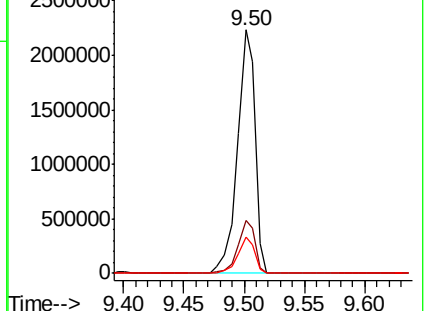
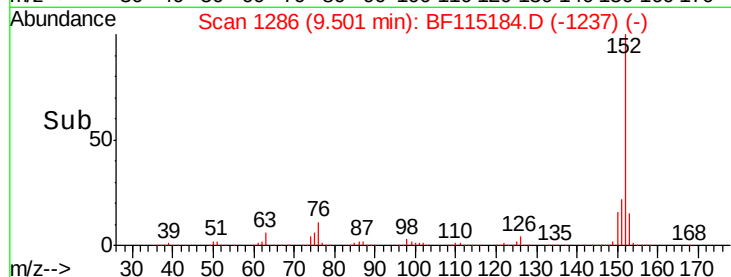
153 14.7 11.0 16.6



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: 42.137 ng

RT: 9.38 min Scan# 1265

Delta R.T. -0.01 min

Lab File: BF115184.D

Acq: 25 Jun 2019 13:46

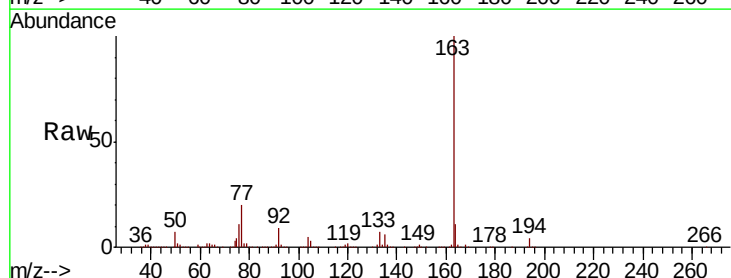
Tgt Ion:163 Resp: 1678004

Ion Ratio Lower Upper

163 100

194 4.2 3.2 4.8

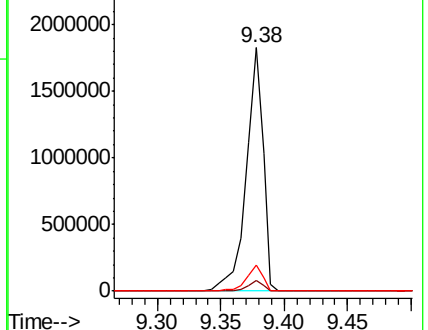
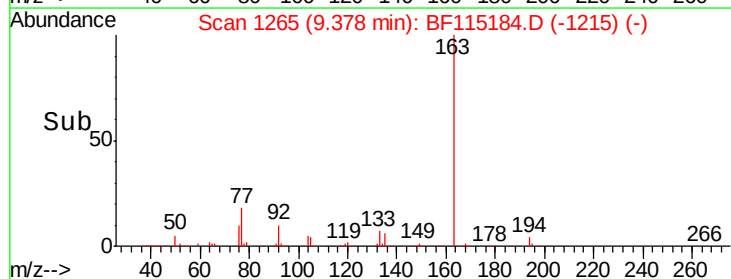
164 10.9 8.6 13.0

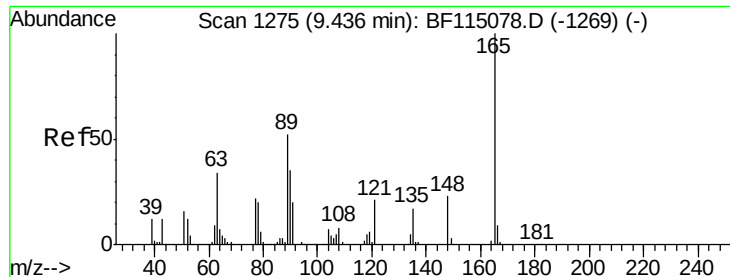


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

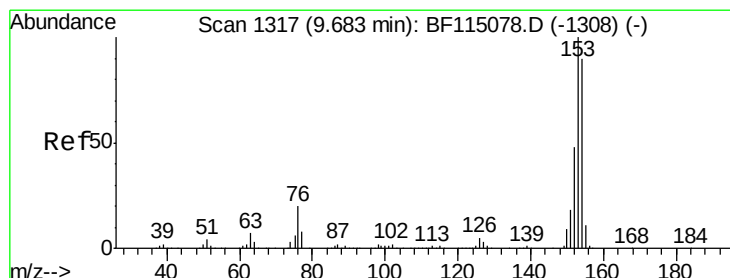
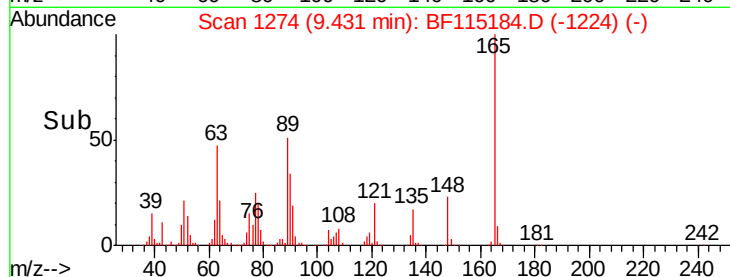
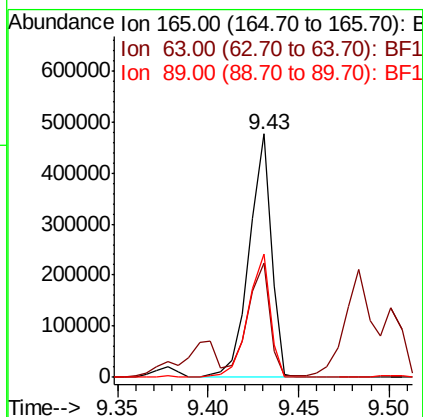
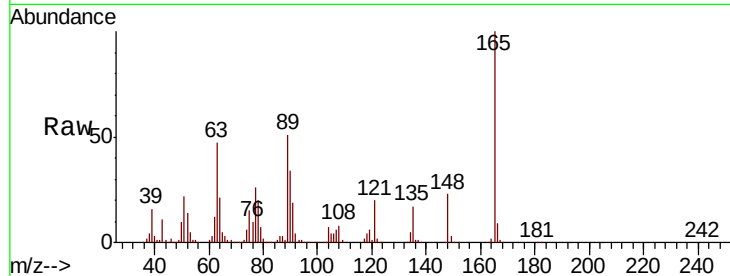




#51
 2,6-Dinitrotoluene
 Concen: 44.037 ng
 RT: 9.43 min Scan# 1274
 Delta R.T. -0.01 min
 Lab File: BF115184.D
 Acq: 25 Jun 2019 13:46

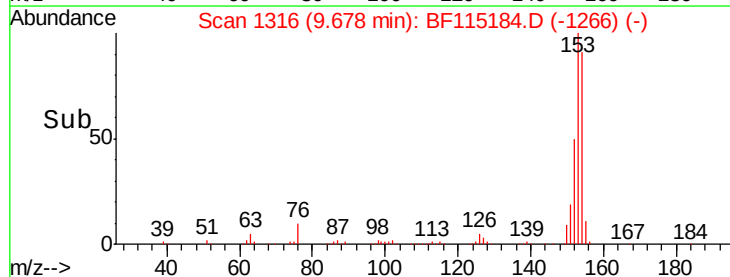
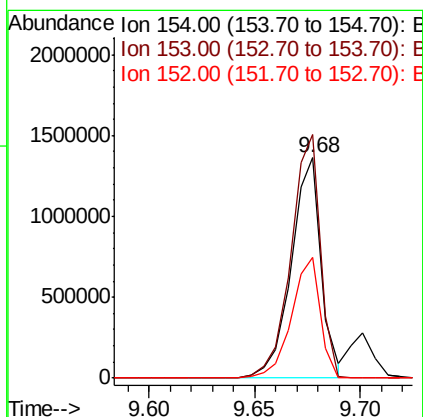
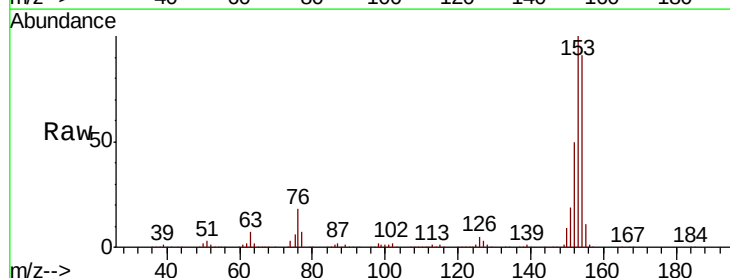
Instrument :
 BNA_F
 ClientSampleId :
 PB120809BS

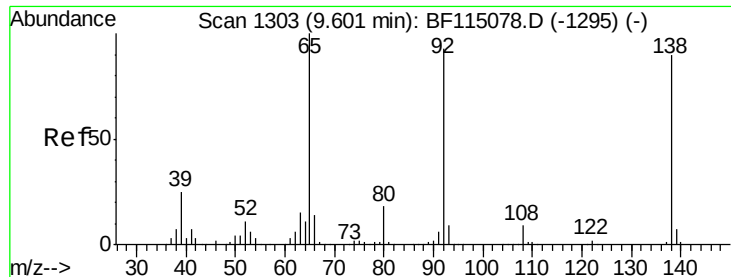
Tgt Ion:165 Resp: 404874
 Ion Ratio Lower Upper
 165 100
 63 46.9 39.4 59.2
 89 50.9 42.0 63.0



#52
 Acenaphthene
 Concen: 39.346 ng
 RT: 9.68 min Scan# 1316
 Delta R.T. -0.01 min
 Lab File: BF115184.D
 Acq: 25 Jun 2019 13:46

Tgt Ion:154 Resp: 1347613
 Ion Ratio Lower Upper
 154 100
 153 110.4 88.7 133.1
 152 55.0 42.6 64.0

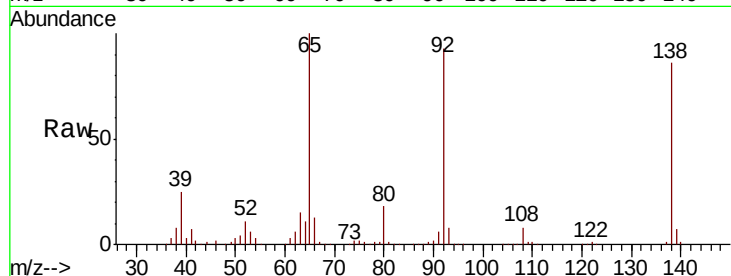




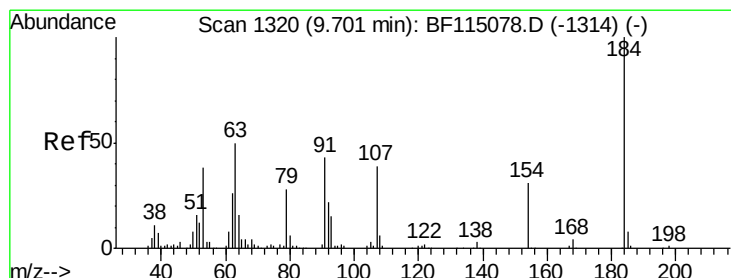
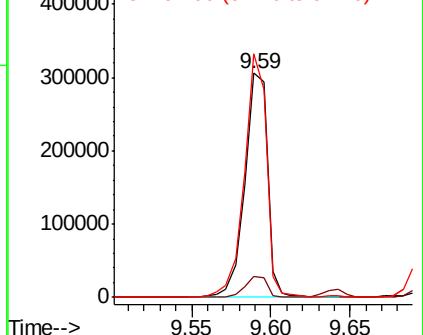
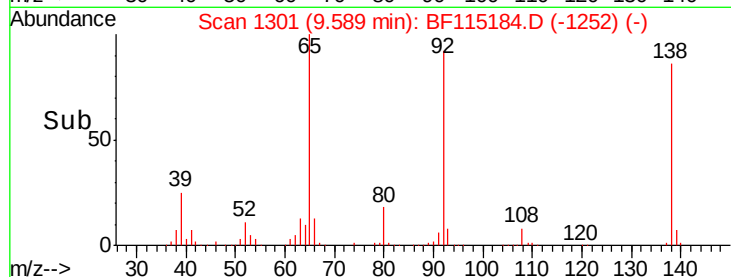
#53
 3-Nitroaniline
 Concen: 27.126 ng
 RT: 9.59 min Scan# 1301
 Delta R.T. -0.01 min
 Lab File: BF115184.D
 Acq: 25 Jun 2019 13:46

Instrument :
 BNA_F
 ClientSampleId :
 PB120809BS

Tgt Ion:138 Resp: 304341
 Ion Ratio Lower Upper
 138 100
 108 9.5 7.8 11.6
 92 108.8 82.9 124.3

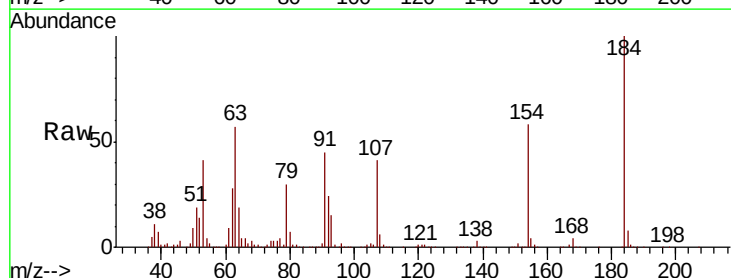


Abundance Ion 138.00 (137.70 to 138.70): E
 Ion 108.00 (107.70 to 108.70): E
 Ion 92.00 (91.70 to 92.70): BF1

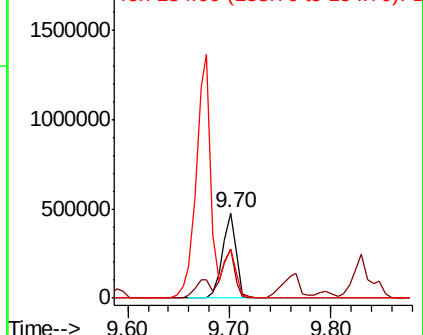
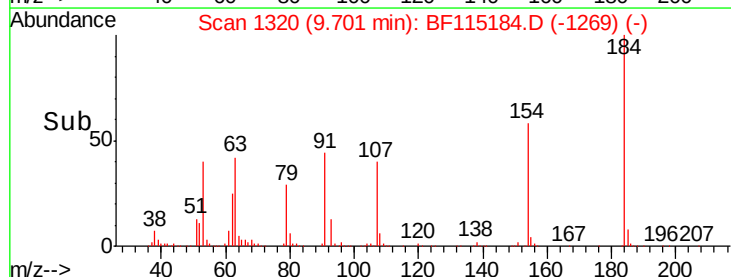


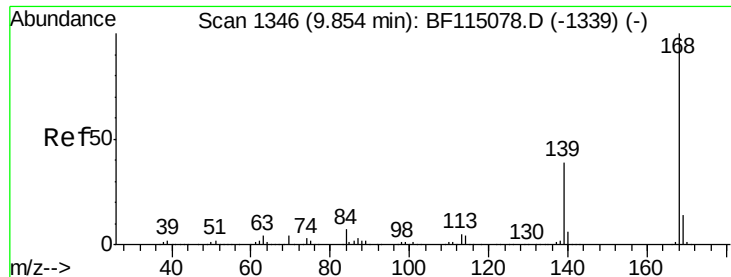
#54
 2,4-Dinitrophenol
 Concen: 92.893 ng
 RT: 9.70 min Scan# 1320
 Delta R.T. 0.00 min
 Lab File: BF115184.D
 Acq: 25 Jun 2019 13:46

Tgt Ion:184 Resp: 445633
 Ion Ratio Lower Upper
 184 100
 63 57.1 41.9 62.9
 154 58.4 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

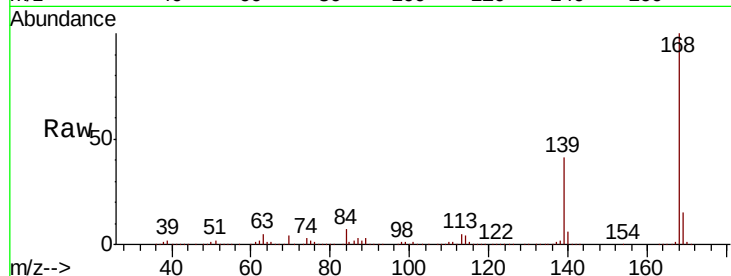




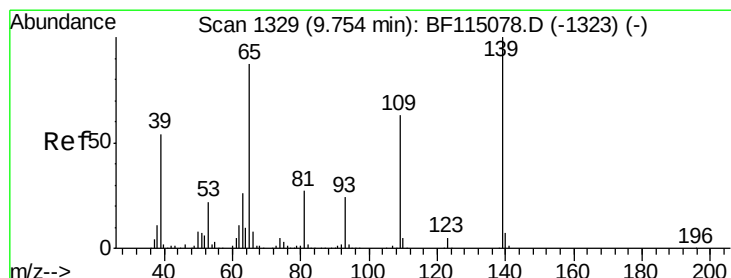
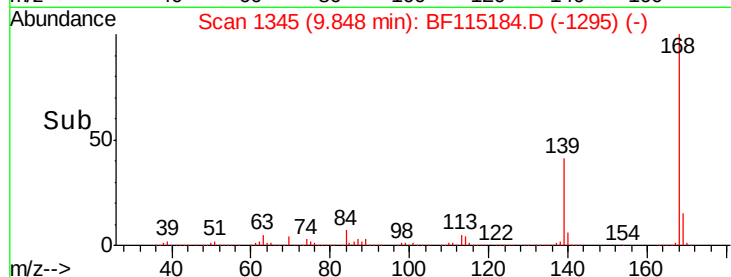
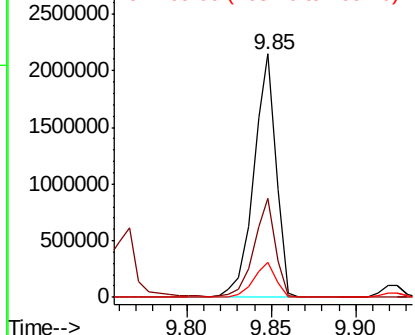
#55
Dibenzofuran
Concen: 40.375 ng
RT: 9.85 min Scan# 1345
Delta R.T. -0.01 min
Lab File: BF115184.D
Acq: 25 Jun 2019 13:46

Instrument :
BNA_F
ClientSampleId :
PB120809BS

Tgt Ion:168 Resp: 1984768
Ion Ratio Lower Upper
168 100
139 40.5 31.1 46.7
169 14.6 11.3 16.9

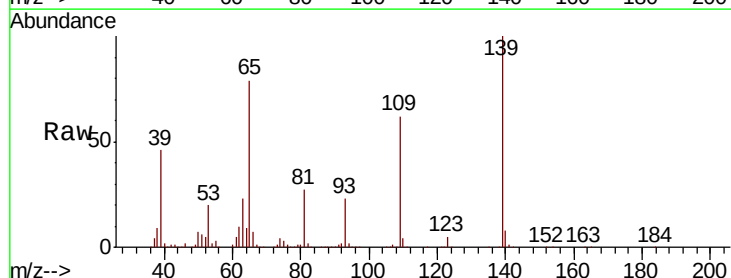


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

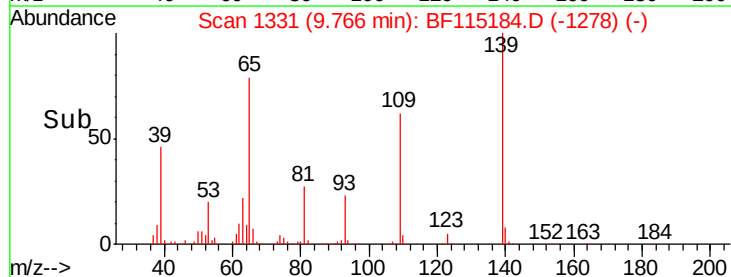
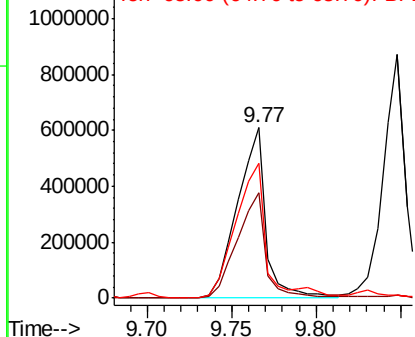


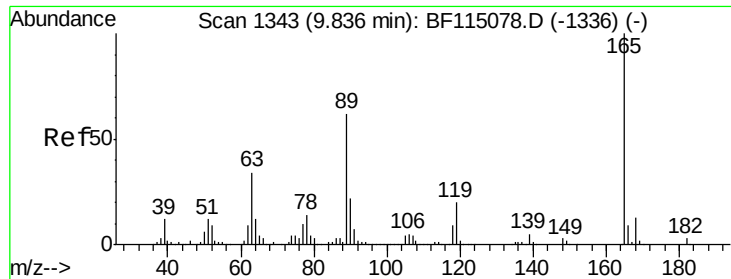
#56
4-Nitrophenol
Concen: 79.718 ng
RT: 9.77 min Scan# 1331
Delta R.T. 0.01 min
Lab File: BF115184.D
Acq: 25 Jun 2019 13:46

Tgt Ion:139 Resp: 717040
Ion Ratio Lower Upper
139 100
109 61.5 43.0 83.0
65 78.8 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

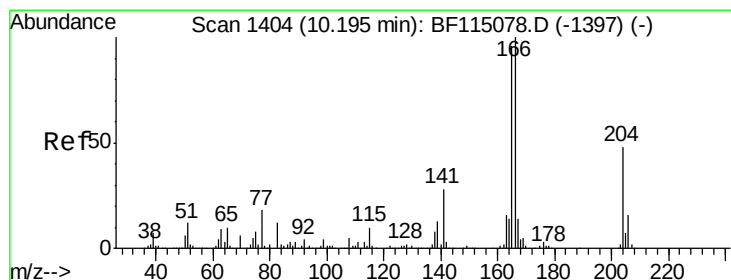
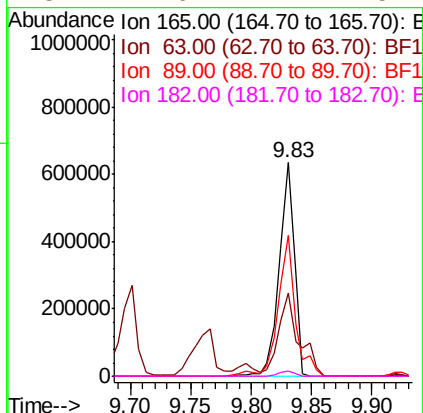
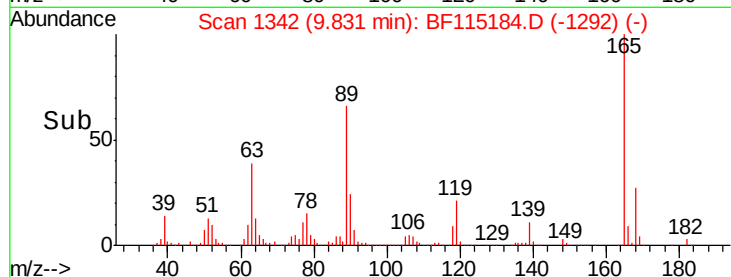
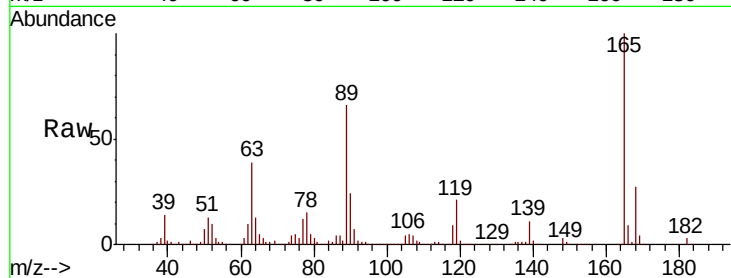




#57
2,4-Dinitrotoluene
Concen: 45.769 ng
RT: 9.83 min Scan# 1342
Delta R.T. -0.01 min
Lab File: BF115184.D
Acq: 25 Jun 2019 13:46

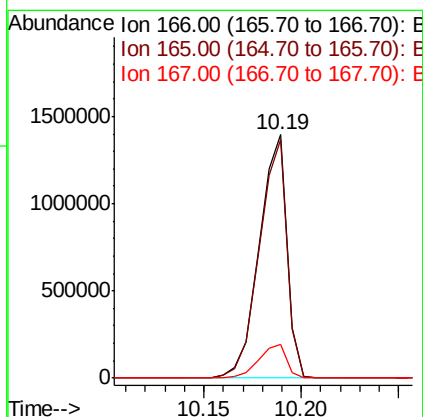
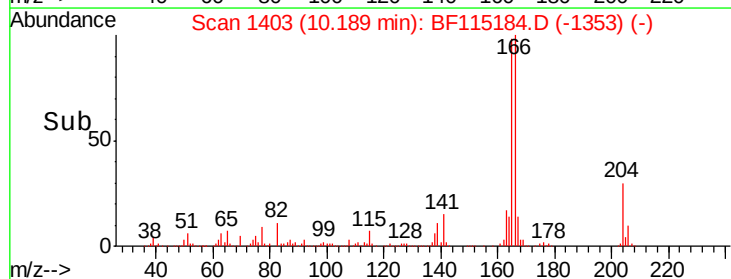
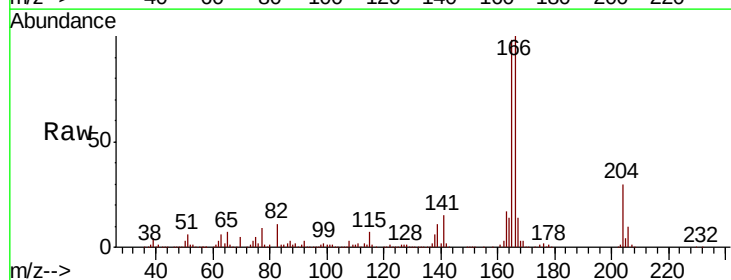
Instrument :
BNA_F
ClientSampleId :
PB120809BS

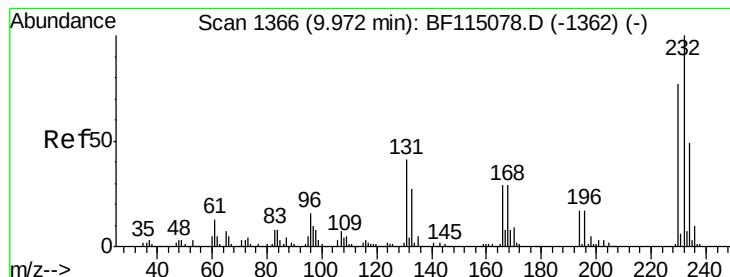
Tgt Ion:	165	Resp:	543335
Ion	Ratio	Lower	Upper
165	100		
63	39.0	27.5	41.3
89	66.1	49.9	74.9
182	2.6	2.1	3.1



#58
Fluorene
Concen: 41.177 ng
RT: 10.19 min Scan# 1403
Delta R.T. -0.01 min
Lab File: BF115184.D
Acq: 25 Jun 2019 13:46

Tgt Ion:	166	Resp:	1366040
Ion	Ratio	Lower	Upper
166	100		
165	98.2	76.5	114.7
167	13.7	11.0	16.4

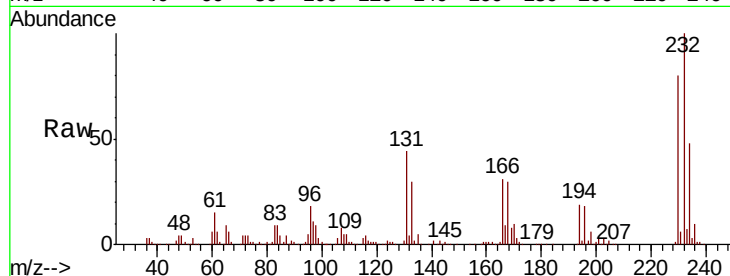




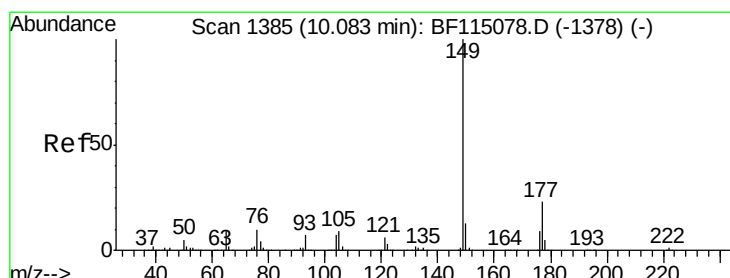
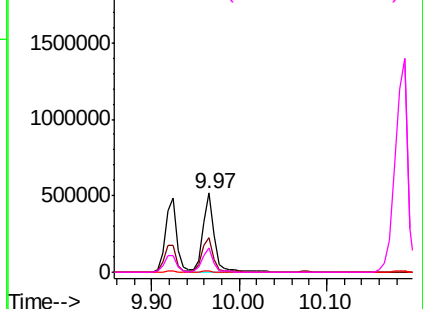
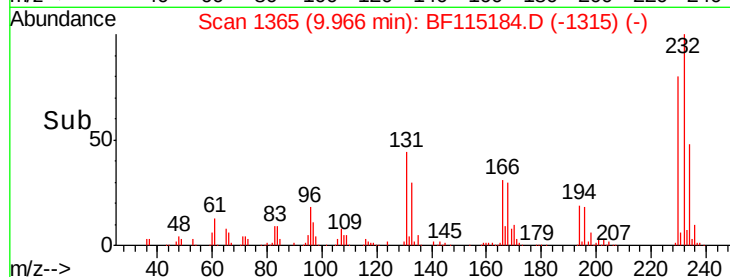
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 46.641 ng
 RT: 9.97 min Scan# 1365
 Delta R.T. -0.01 min
 Lab File: BF115184.D
 Acq: 25 Jun 2019 13:46

Instrument :
 BNA_F
 ClientSampleId :
 PB120809BS

Tgt Ion	Ratio	Lower	Upper
232	100		
131	45.4	37.4	56.0
130	2.2	1.8	2.6
166	29.2	24.6	36.8

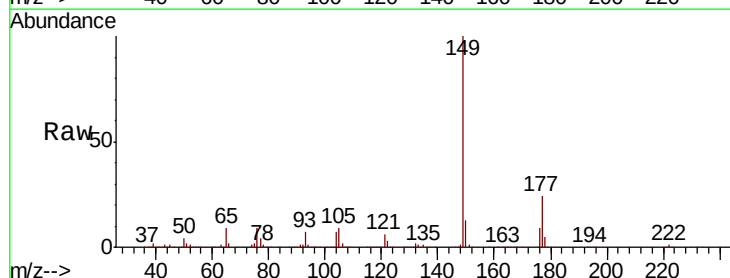


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

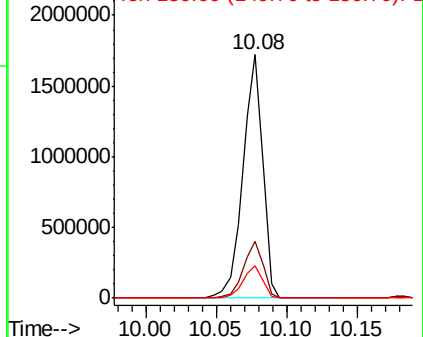
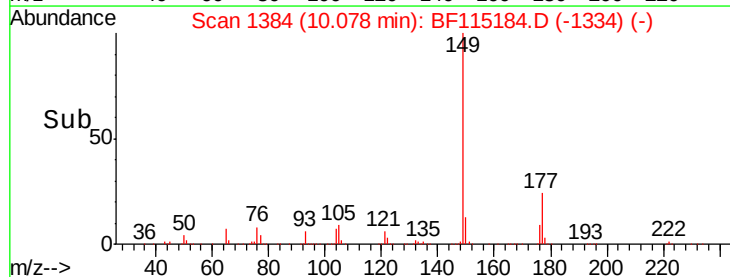


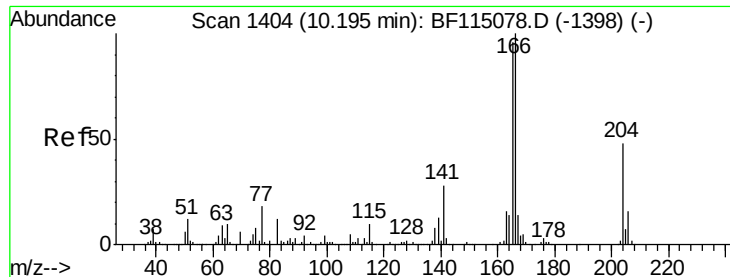
#60
 Diethylphthalate
 Concen: 41.691 ng
 RT: 10.08 min Scan# 1384
 Delta R.T. -0.01 min
 Lab File: BF115184.D
 Acq: 25 Jun 2019 13:46

Tgt Ion	Ratio	Lower	Upper
149	100		
177	23.5	18.7	28.1
150	13.1	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

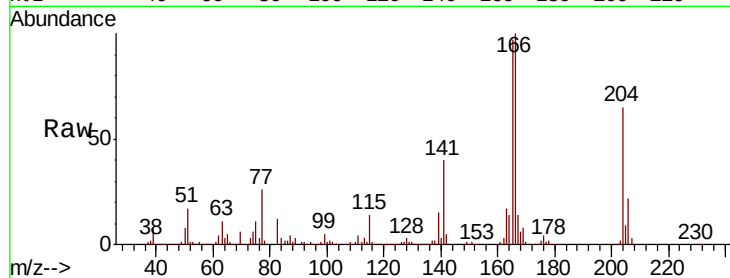




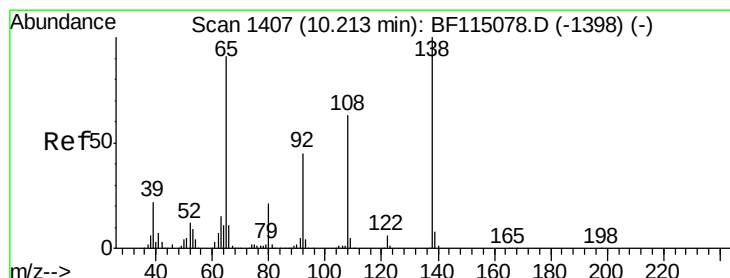
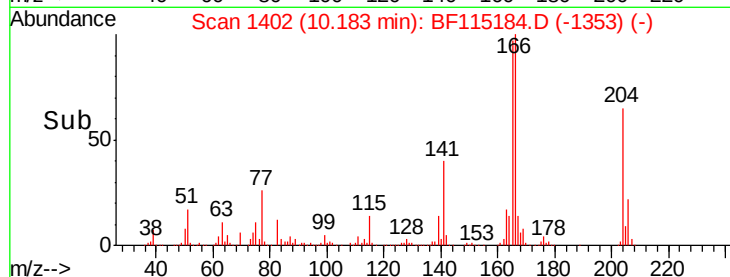
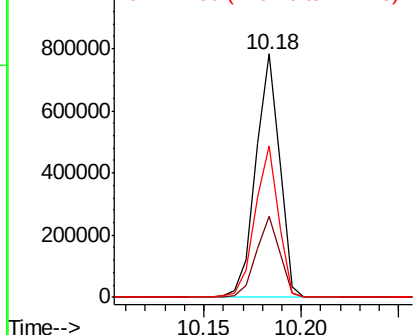
#61
4-Chlorophenyl-phenylether
Concen: 42.272 ng
RT: 10.18 min Scan# 1402
Delta R.T. -0.01 min
Lab File: BF115184.D
Acq: 25 Jun 2019 13:46

Instrument :
BNA_F
ClientSampleId :
PB120809BS

Tgt Ion:204 Resp: 663897
Ion Ratio Lower Upper
204 100
206 33.4 26.6 40.0
141 62.1 46.7 70.1

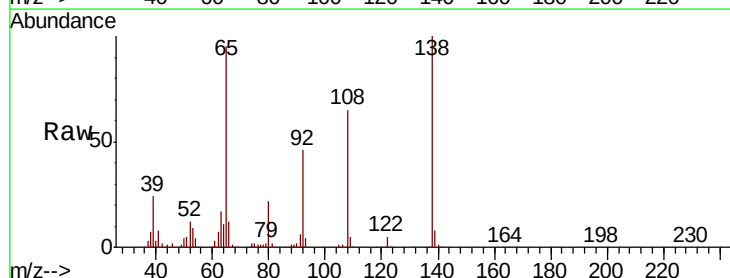


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

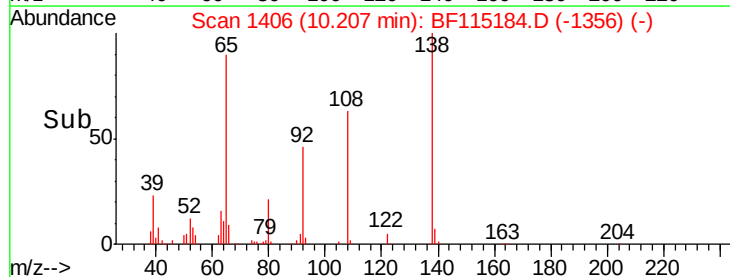
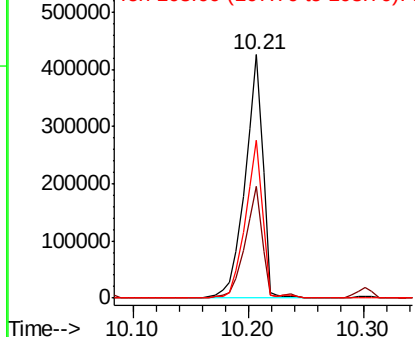


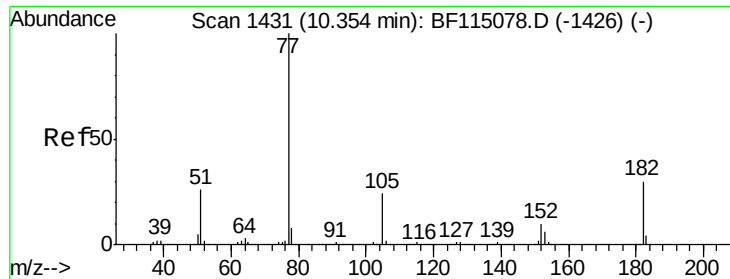
#62
4-Nitroaniline
Concen: 40.212 ng
RT: 10.21 min Scan# 1406
Delta R.T. -0.01 min
Lab File: BF115184.D
Acq: 25 Jun 2019 13:46

Tgt Ion:138 Resp: 452606
Ion Ratio Lower Upper
138 100
92 45.7 24.8 64.8
108 64.9 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: 40.917 ng

RT: 10.34 min Scan# 1429

Delta R.T. -0.01 min

Lab File: BF115184.D

Acq: 25 Jun 2019 13:46

Instrument :

BNA_F

ClientSampleId :

PB120809BS

Tgt Ion: 77 Resp: 1529856

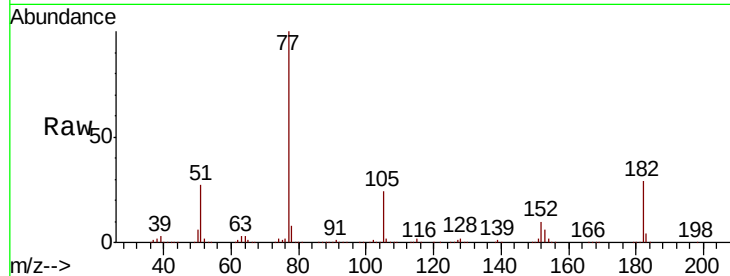
Ion Ratio Lower Upper

77 100

182 28.7 10.1 50.1

105 24.4 4.5 44.5

51 27.3 6.4 46.4

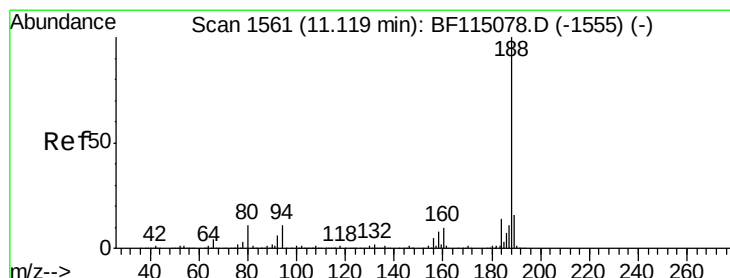
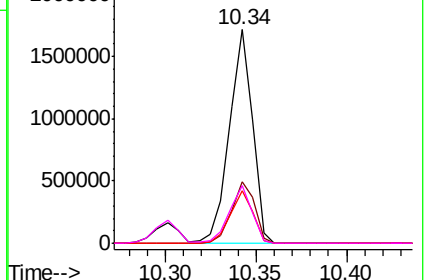
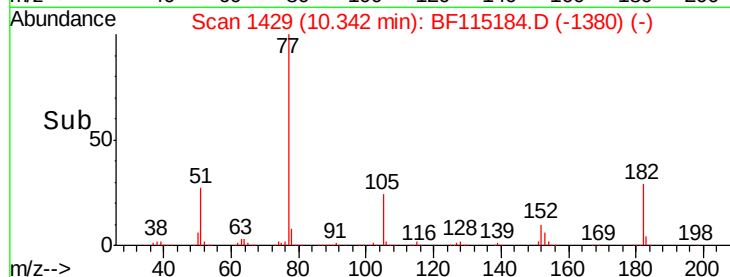


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.11 min Scan# 1560

Delta R.T. -0.01 min

Lab File: BF115184.D

Acq: 25 Jun 2019 13:46

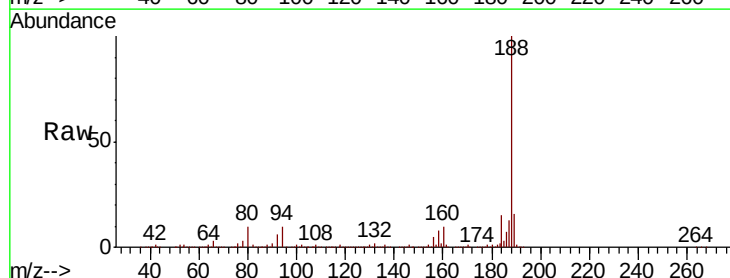
Tgt Ion: 188 Resp: 1058691

Ion Ratio Lower Upper

188 100

94 9.5 8.6 12.8

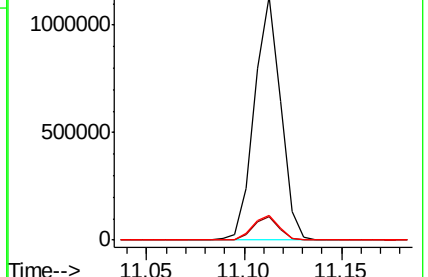
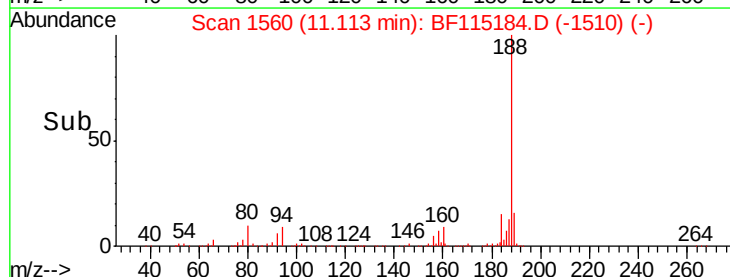
80 10.0 8.8 13.2

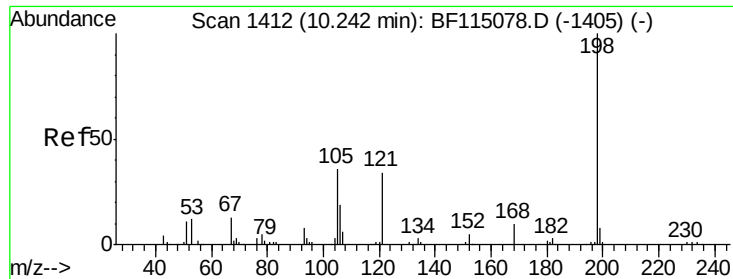


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





#65

4,6-Dinitro-2-methylphenol

Concen: 47.359 ng

RT: 10.24 min Scan# 1411

Delta R.T. -0.01 min

Lab File: BF115184.D

Acq: 25 Jun 2019 13:46

Instrument :

BNA_F

ClientSampleId :

PB120809BS

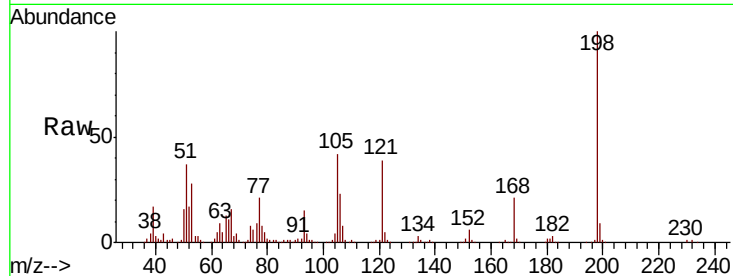
Tgt Ion:198 Resp: 266365

Ion Ratio Lower Upper

198 100

51 37.4 11.0 51.0

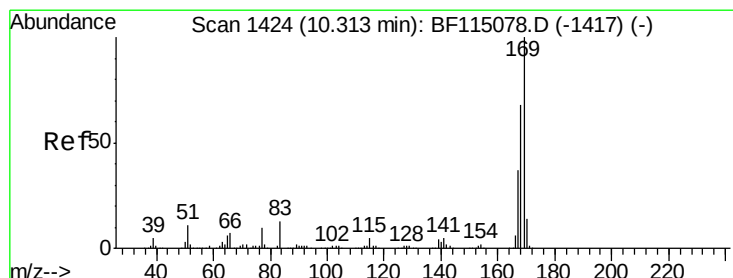
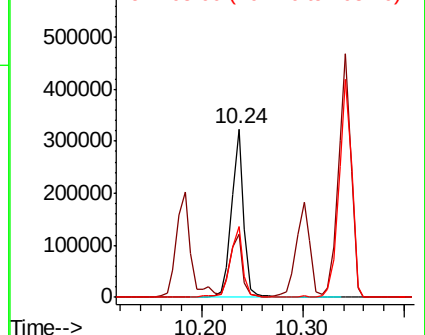
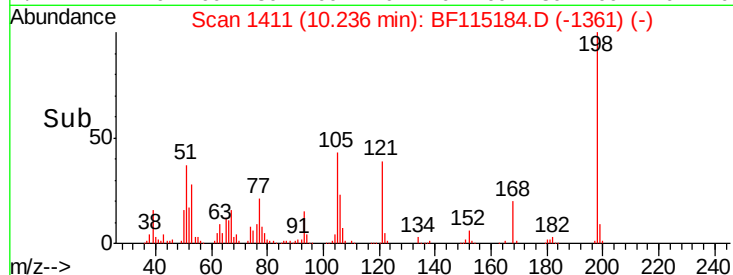
105 42.4 17.3 57.3



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 42.574 ng

RT: 10.30 min Scan# 1422

Delta R.T. -0.01 min

Lab File: BF115184.D

Acq: 25 Jun 2019 13:46

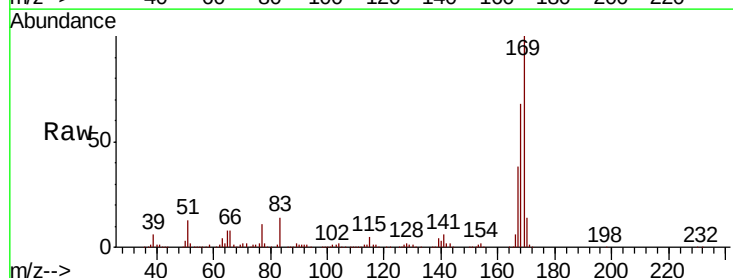
Tgt Ion:169 Resp: 1404230

Ion Ratio Lower Upper

169 100

168 67.7 54.2 81.4

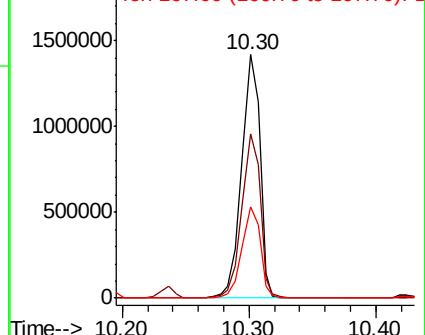
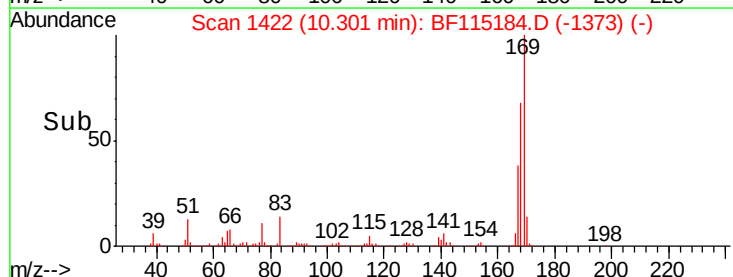
167 37.6 29.4 44.0

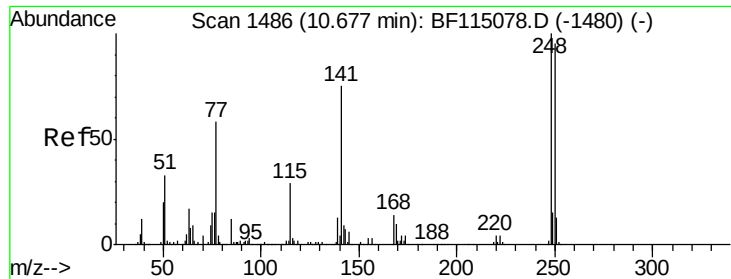


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

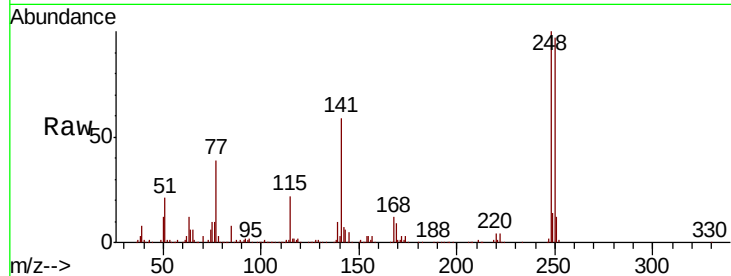




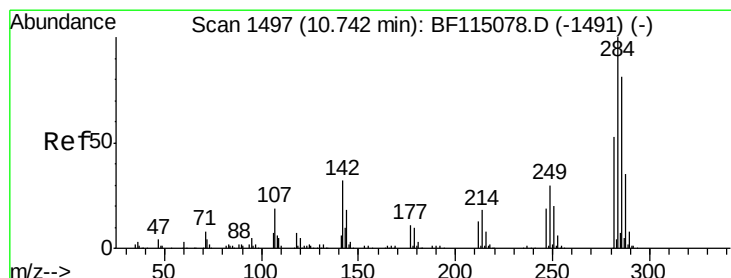
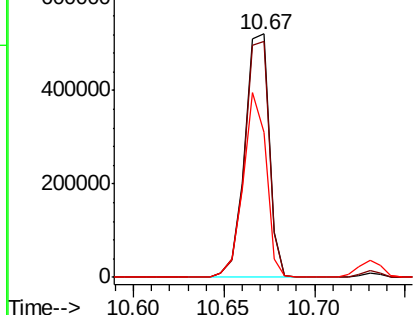
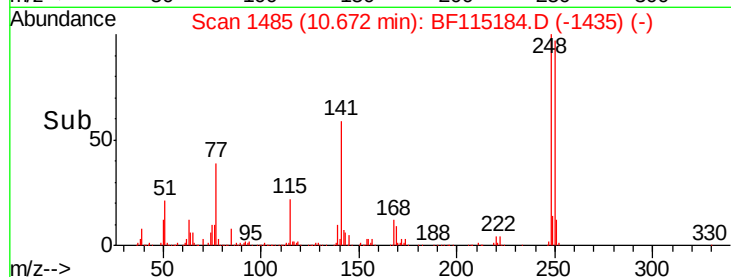
#67
4-Bromophenyl-phenylether
Concen: 42.657 ng
RT: 10.67 min Scan# 1485
Delta R.T. -0.01 min
Lab File: BF115184.D
Acq: 25 Jun 2019 13:46

Instrument :
BNA_F
ClientSampleId :
PB120809BS

Tgt Ion: 248 Resp: 489633
Ion Ratio Lower Upper
248 100
250 96.8 76.2 114.2
141 59.4 59.6 89.4#

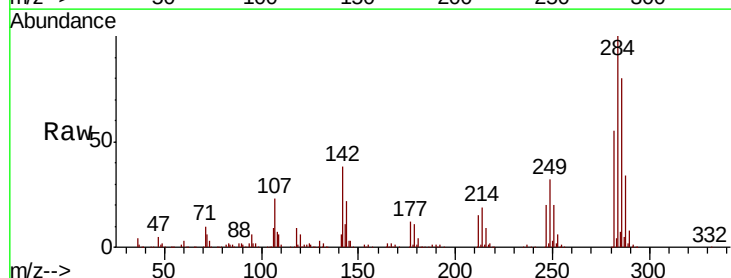


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

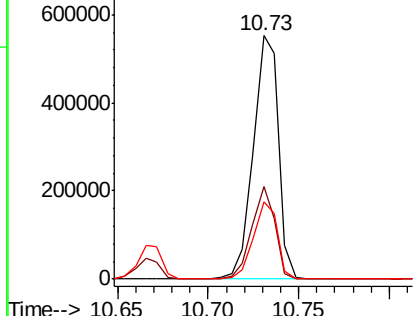
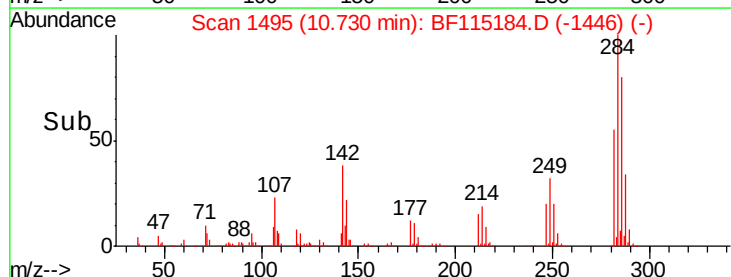


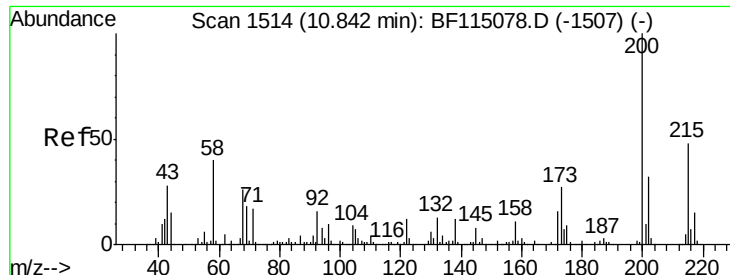
#68
Hexachlorobenzene
Concen: 42.741 ng
RT: 10.73 min Scan# 1495
Delta R.T. -0.01 min
Lab File: BF115184.D
Acq: 25 Jun 2019 13:46

Tgt Ion: 284 Resp: 532516
Ion Ratio Lower Upper
284 100
142 37.8 25.8 38.8
249 31.5 24.2 36.4



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





#69

Atrazine

Concen: 42.631 ng

RT: 10.83 min Scan# 1512

Delta R.T. -0.01 min

Lab File: BF115184.D

Acq: 25 Jun 2019 13:46

Instrument :

BNA_F

ClientSampleId :

PB120809BS

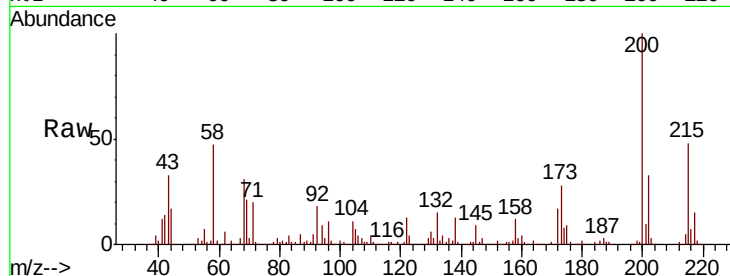
Tgt Ion:200 Resp: 452315

Ion Ratio Lower Upper

200 100

173 28.2 7.4 47.4

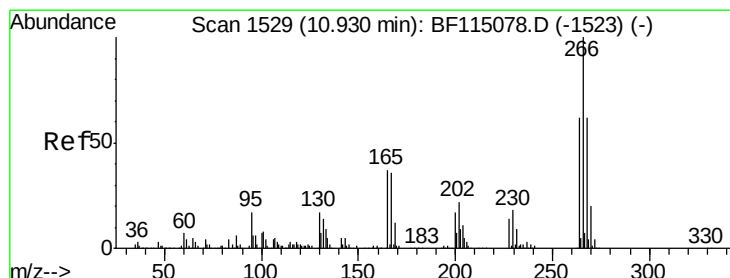
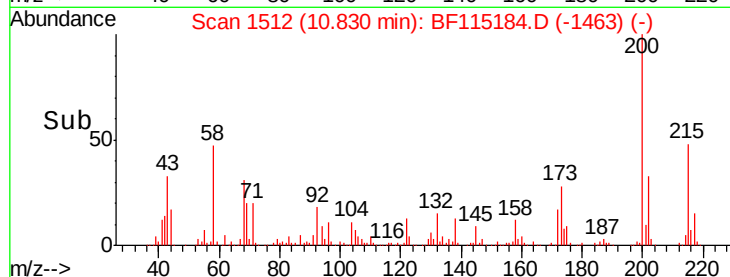
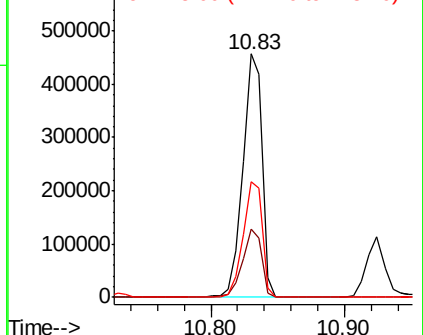
215 47.6 27.8 67.8



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: 83.554 ng

RT: 10.92 min Scan# 1528

Delta R.T. -0.01 min

Lab File: BF115184.D

Acq: 25 Jun 2019 13:46

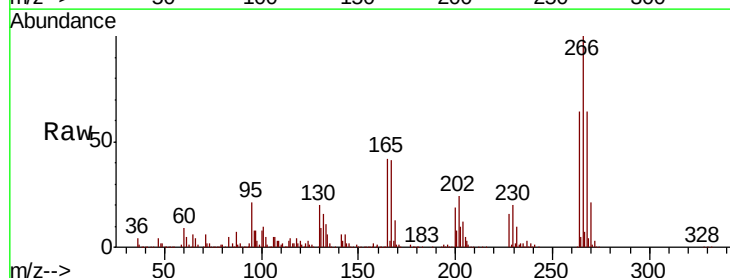
Tgt Ion:266 Resp: 663195

Ion Ratio Lower Upper

266 100

268 64.0 49.5 74.3

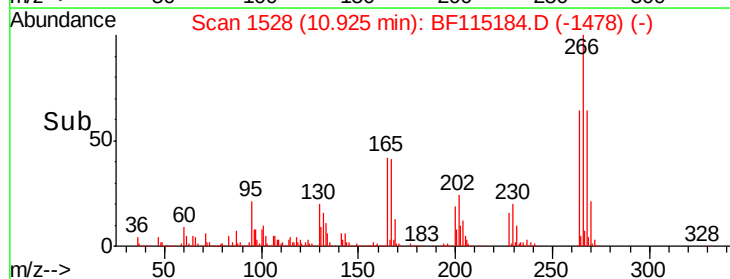
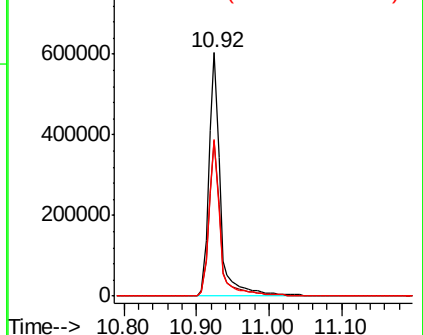
264 64.3 49.3 73.9

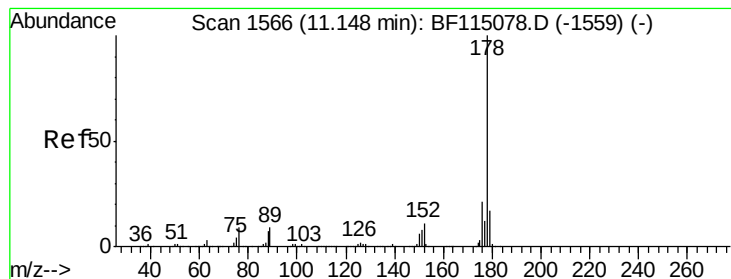


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 39.645 ng

RT: 11.14 min Scan# 1565

Delta R.T. -0.01 min

Lab File: BF115184.D

Acq: 25 Jun 2019 13:46

Instrument :

BNA_F

ClientSampleId :

PB120809BS

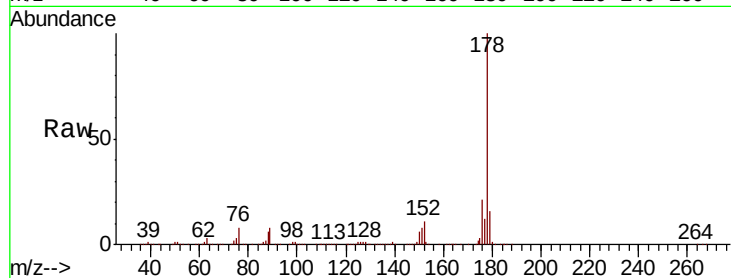
Tgt Ion:178 Resp: 2259832

Ion Ratio Lower Upper

178 100

176 21.4 16.9 25.3

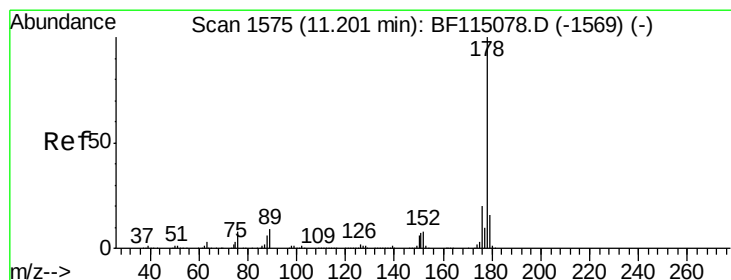
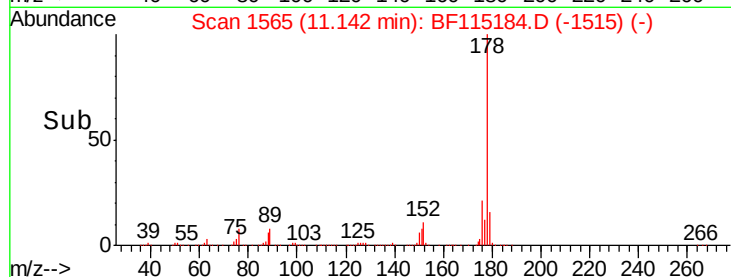
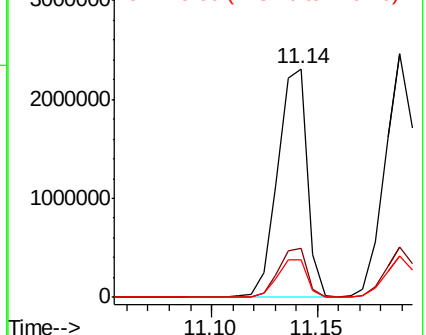
179 16.4 13.2 19.8



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: 40.481 ng

RT: 11.19 min Scan# 1573

Delta R.T. -0.01 min

Lab File: BF115184.D

Acq: 25 Jun 2019 13:46

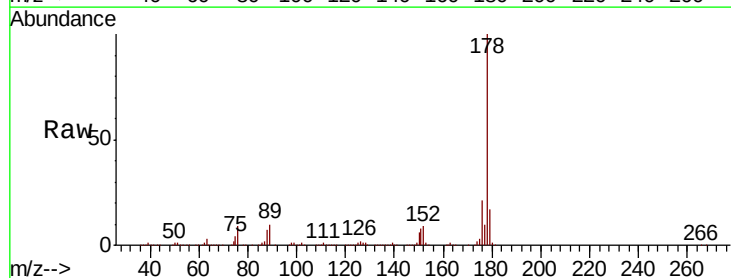
Tgt Ion:178 Resp: 2329214

Ion Ratio Lower Upper

178 100

176 20.8 16.1 24.1

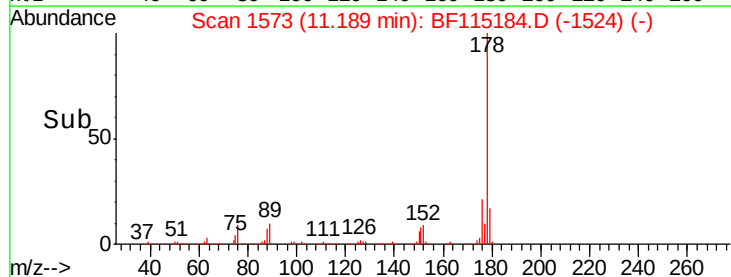
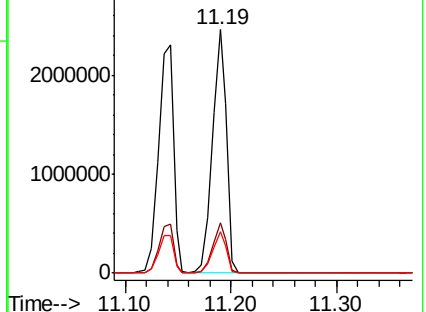
179 16.9 12.9 19.3

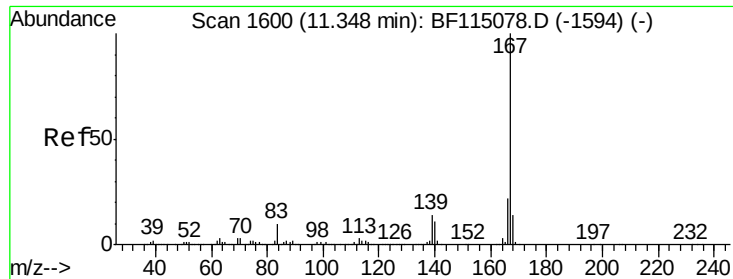


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#73

Carbazole

Concen: 41.227 ng

RT: 11.34 min Scan# 1599

Delta R.T. -0.01 min

Lab File: BF115184.D

Acq: 25 Jun 2019 13:46

Instrument :

BNA_F

ClientSampleId :

PB120809BS

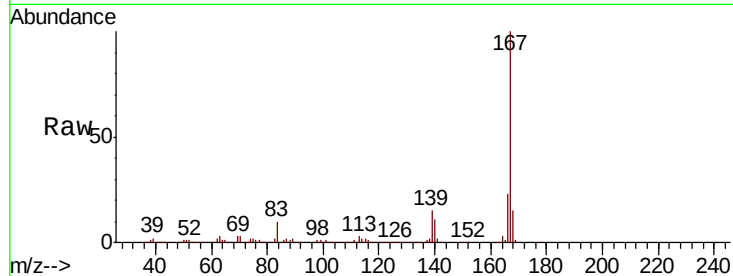
Tgt Ion:167 Resp: 2118253

Ion Ratio Lower Upper

167 100

166 23.3 18.0 27.0

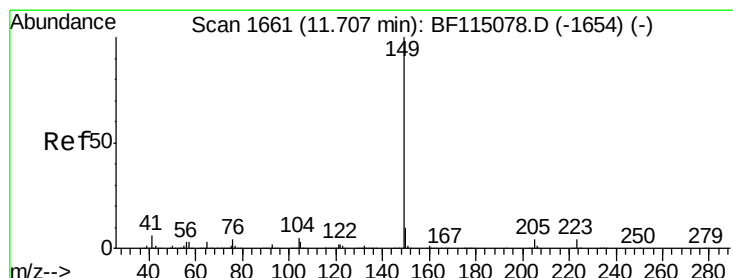
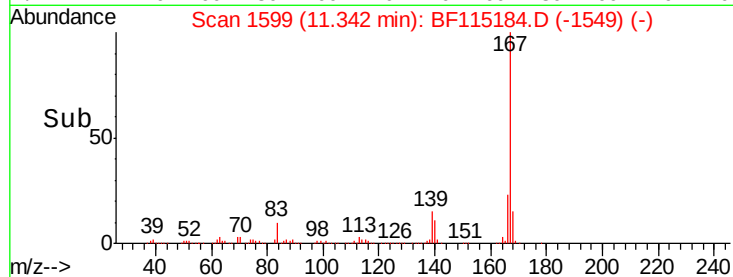
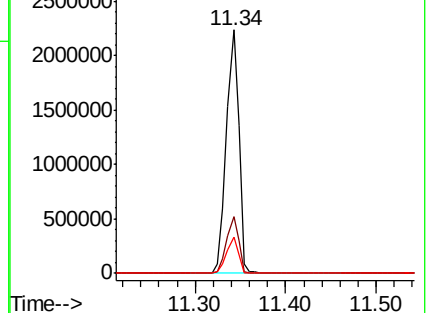
139 14.6 11.1 16.7



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 41.109 ng

RT: 11.69 min Scan# 1658

Delta R.T. -0.02 min

Lab File: BF115184.D

Acq: 25 Jun 2019 13:46

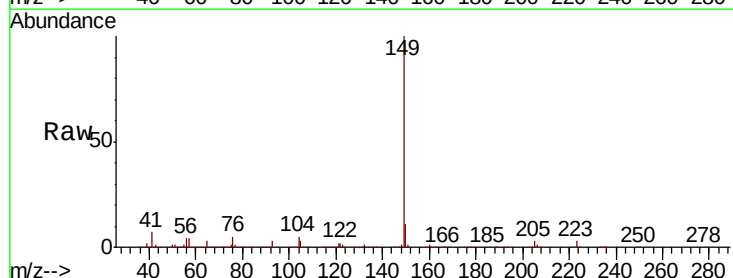
Tgt Ion:149 Resp: 2440778

Ion Ratio Lower Upper

149 100

150 10.5 7.8 11.8

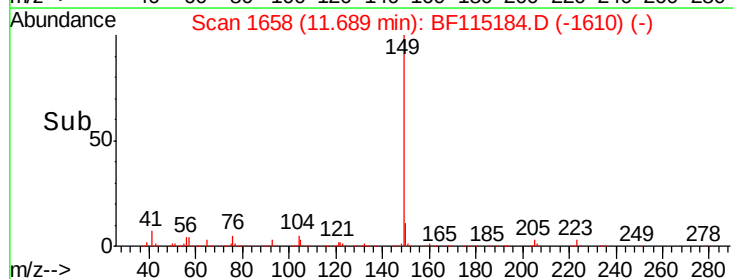
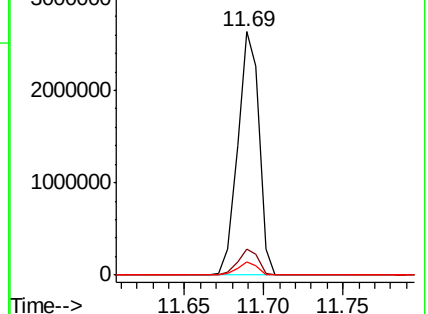
104 5.3 3.7 5.5

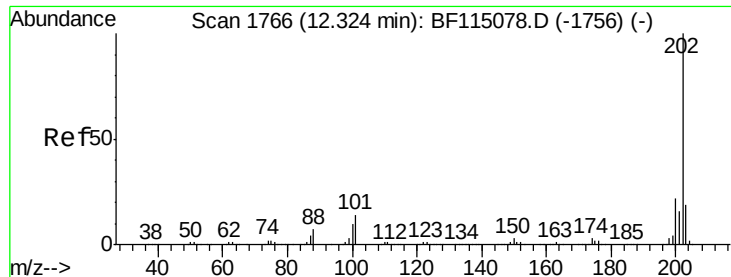


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

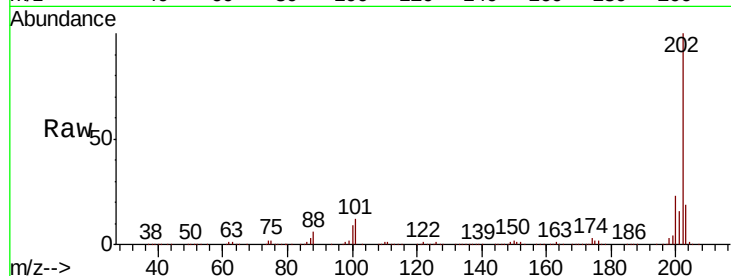




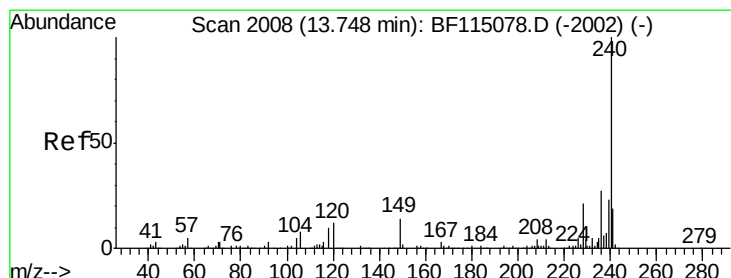
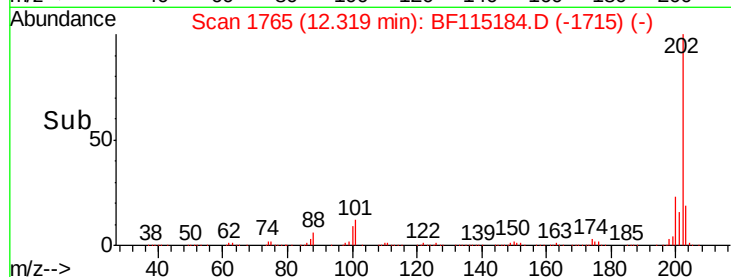
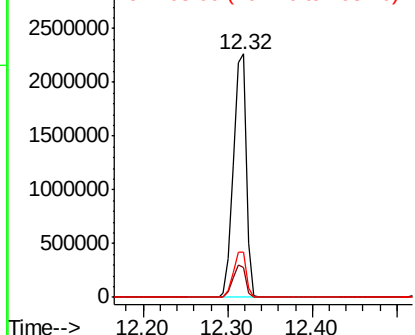
#75
Fluoranthene
Concen: 41.258 ng
RT: 12.32 min Scan# 1765
Delta R.T. -0.01 min
Lab File: BF115184.D
Acq: 25 Jun 2019 13:46

Instrument :
BNA_F
ClientSampleId :
PB120809BS

Tgt Ion: 202 Resp: 2346434
Ion Ratio Lower Upper
202 100
101 12.2 0.0 34.0
203 18.8 0.0 38.8

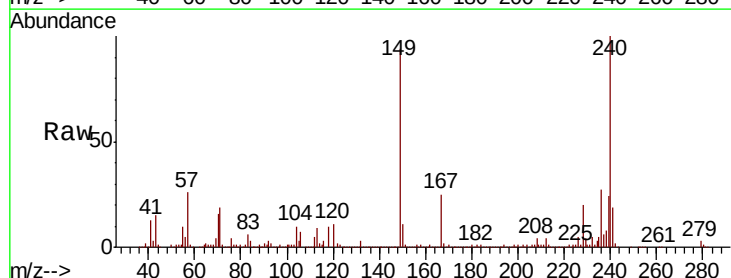


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E

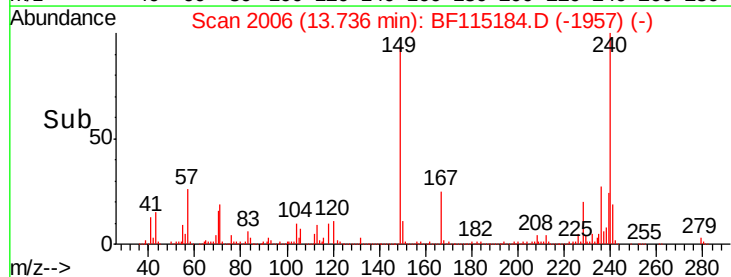
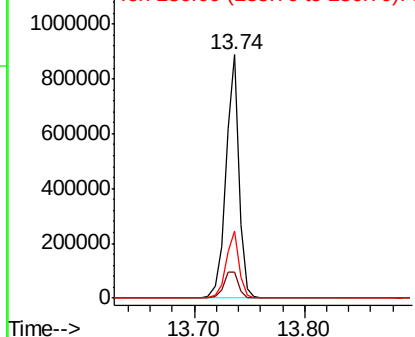


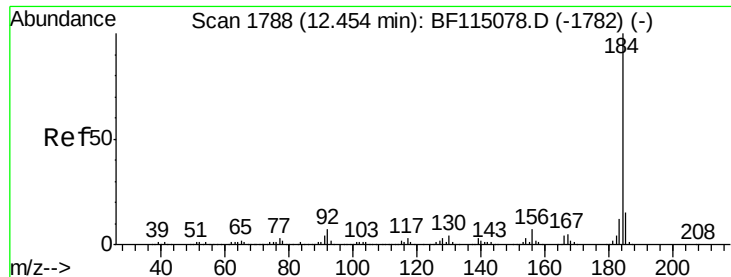
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.74 min Scan# 2006
Delta R.T. -0.01 min
Lab File: BF115184.D
Acq: 25 Jun 2019 13:46

Tgt Ion: 240 Resp: 728225
Ion Ratio Lower Upper
240 100
120 10.8 9.4 14.2
236 27.3 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: 24.785 ng

RT: 12.44 min Scan# 1785

Delta R.T. -0.02 min

Lab File: BF115184.D

Acq: 25 Jun 2019 13:46

Instrument :

BNA_F

ClientSampleId :

PB120809BS

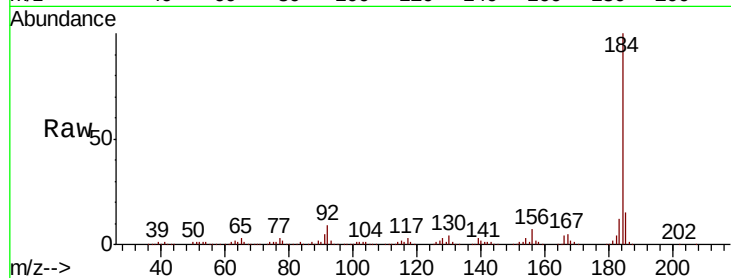
Tgt Ion:184 Resp: 801440

Ion Ratio Lower Upper

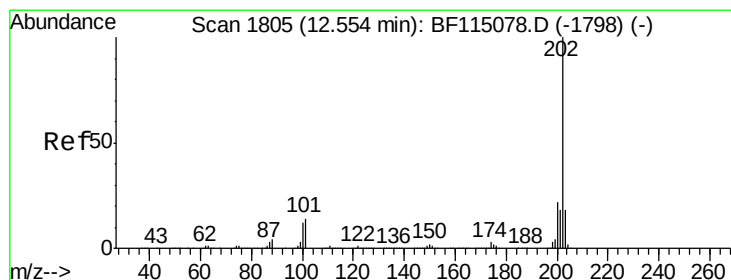
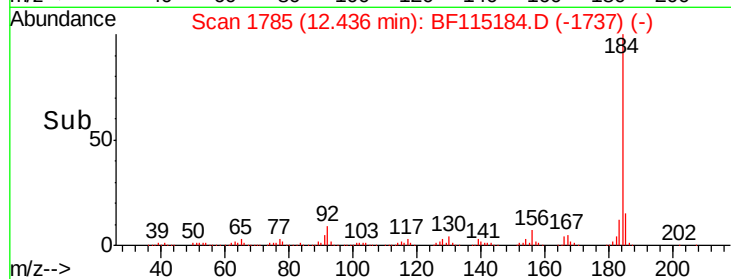
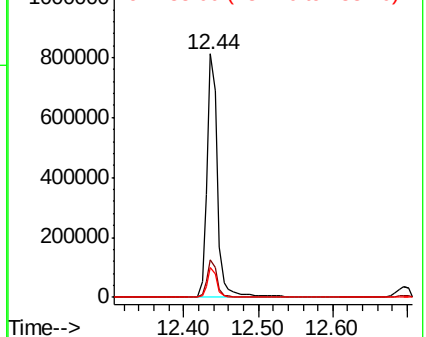
184 100

185 15.4 12.2 18.2

183 12.2 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: 42.733 ng

RT: 12.54 min Scan# 1803

Delta R.T. -0.01 min

Lab File: BF115184.D

Acq: 25 Jun 2019 13:46

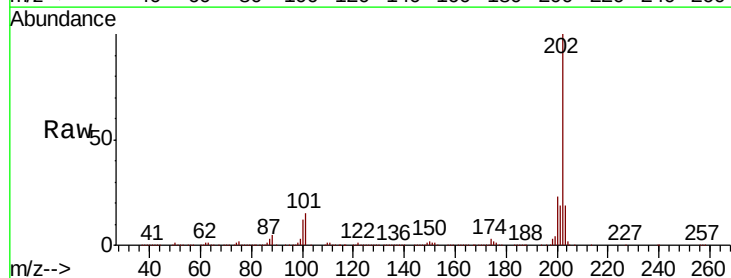
Tgt Ion:202 Resp: 2391529

Ion Ratio Lower Upper

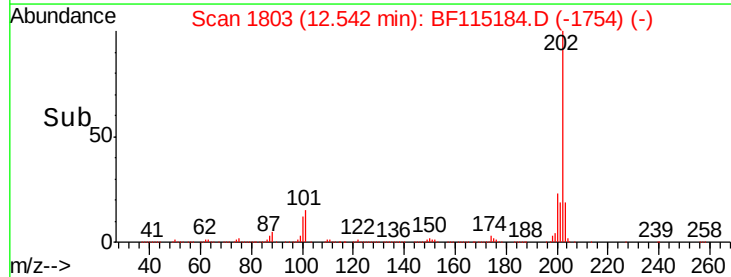
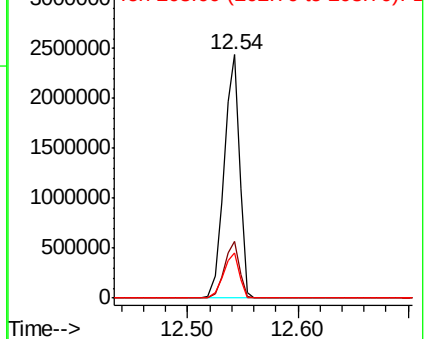
202 100

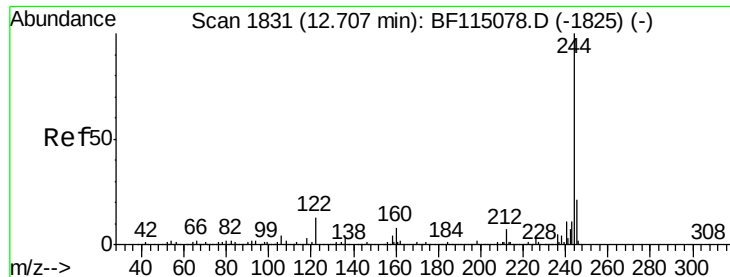
200 23.2 17.9 26.9

203 18.8 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: 84.793 ng

RT: 12.70 min Scan# 1829

Delta R.T. -0.01 min

Lab File: BF115184.D

Acq: 25 Jun 2019 13:46

Instrument :

BNA_F

ClientSampleId :

PB120809BS

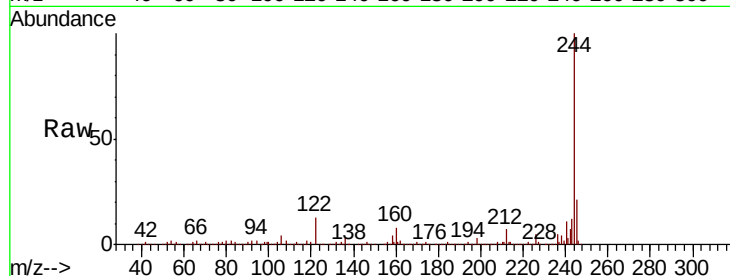
Tgt Ion:244 Resp: 2904232

Ion Ratio Lower Upper

244 100

212 7.4 5.8 8.6

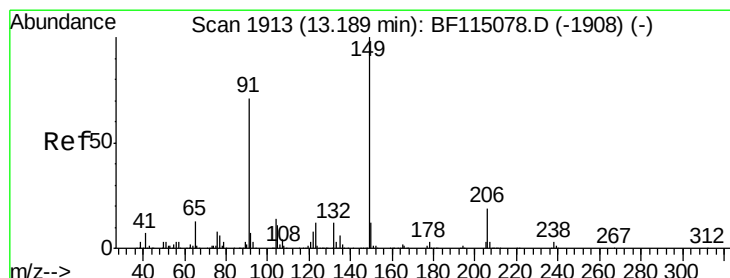
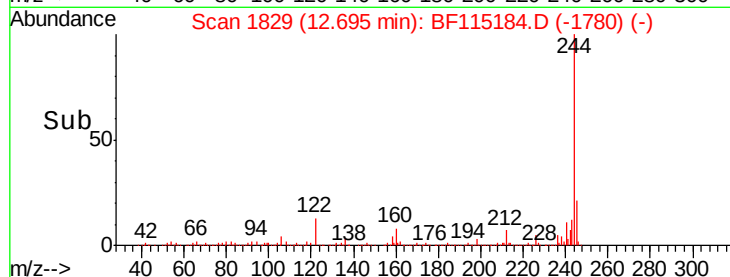
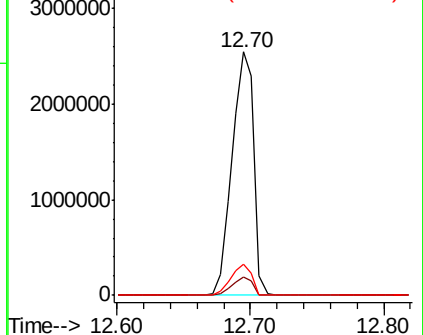
122 12.6 10.4 15.6



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 45.431 ng

RT: 13.18 min Scan# 1911

Delta R.T. -0.01 min

Lab File: BF115184.D

Acq: 25 Jun 2019 13:46

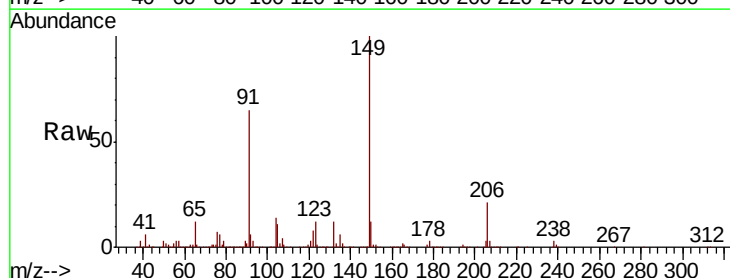
Tgt Ion:149 Resp: 1122042

Ion Ratio Lower Upper

149 100

91 65.2 56.5 84.7

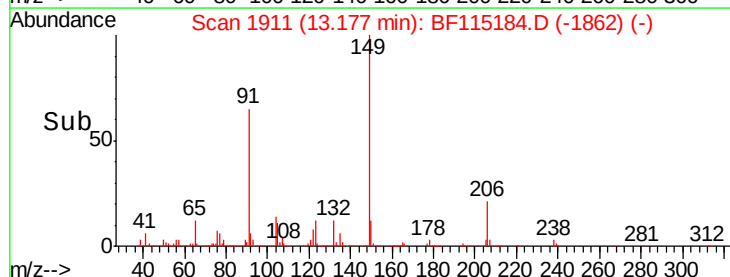
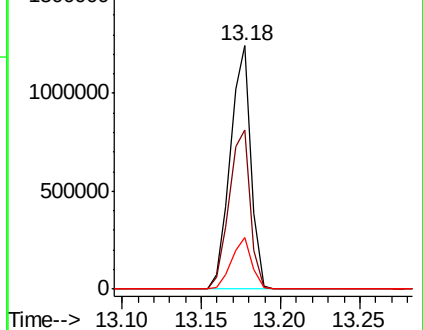
206 21.2 15.3 22.9

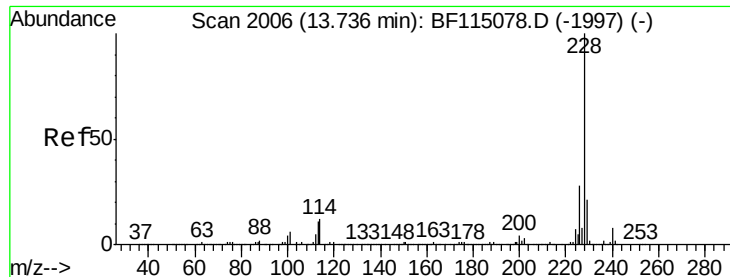


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 41.801 ng

RT: 13.72 min Scan# 2004

Delta R.T. -0.01 min

Lab File: BF115184.D

Acq: 25 Jun 2019 13:46

Instrument :

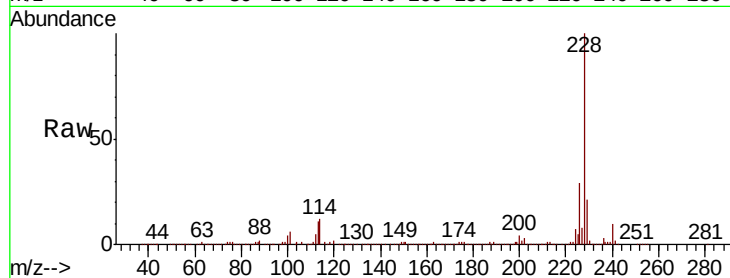
BNA_F

ClientSampleId :

PB120809BS

Tgt Ion:228 Resp: 2184233

Ion	Ratio	Lower	Upper
228	100		
226	28.8	22.5	33.7
229	21.0	16.6	24.8

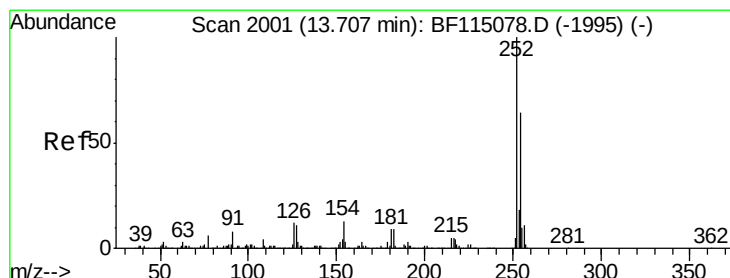
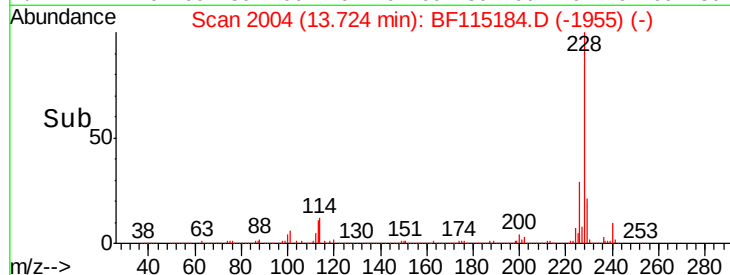
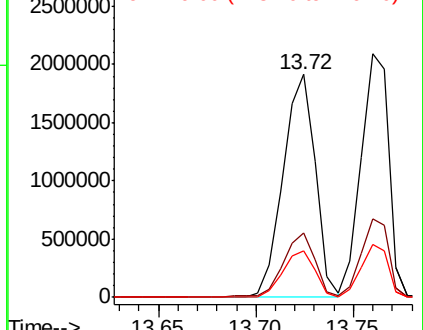


Abundance

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: 36.368 ng

RT: 13.69 min Scan# 1999

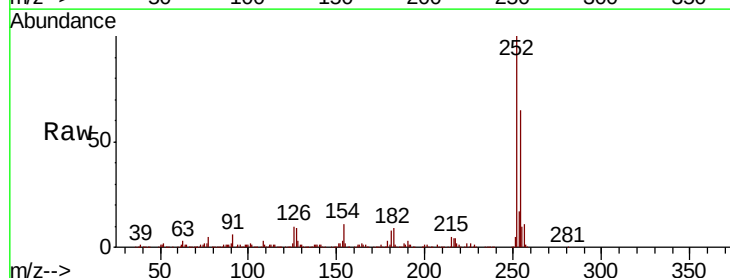
Delta R.T. -0.01 min

Lab File: BF115184.D

Acq: 25 Jun 2019 13:46

Tgt Ion:252 Resp: 686242

Ion	Ratio	Lower	Upper
252	100		
254	64.8	51.1	76.7
126	9.7	9.4	14.0

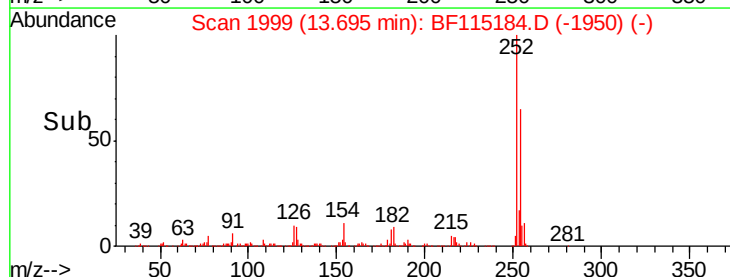
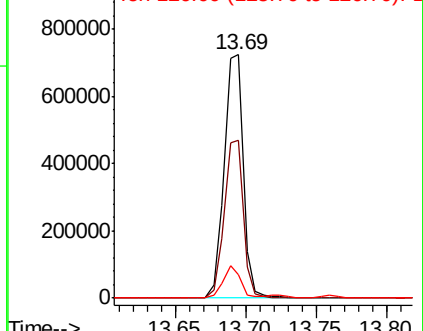


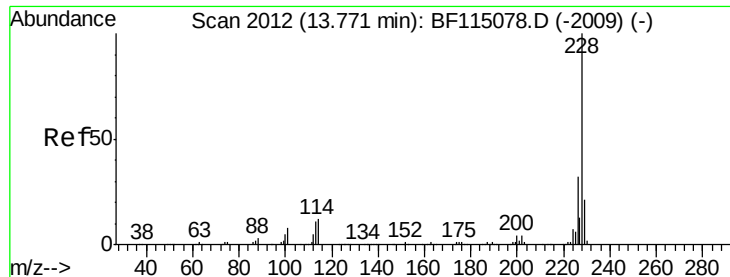
Abundance

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: 43.220 ng

RT: 13.76 min Scan# 2010

Delta R.T. -0.01 min

Lab File: BF115184.D

Acq: 25 Jun 2019 13:46

Instrument :

BNA_F

ClientSampleId :

PB120809BS

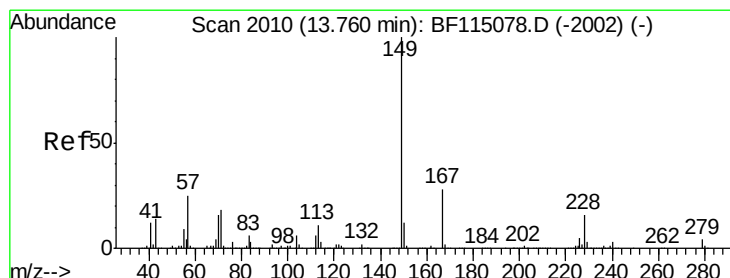
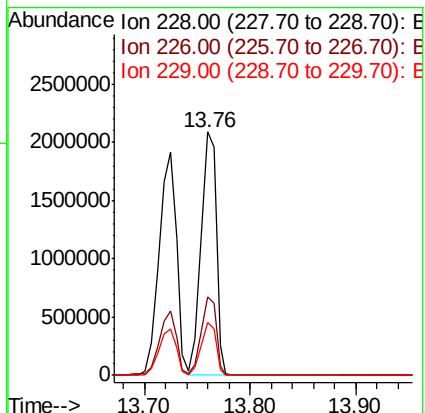
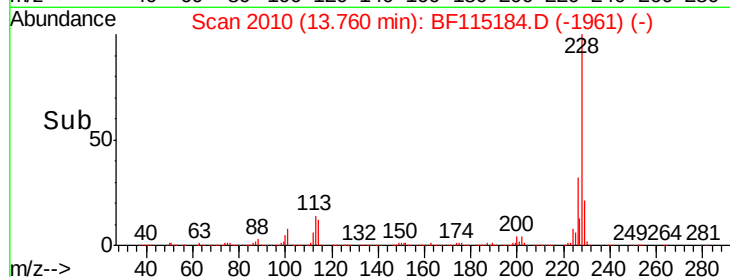
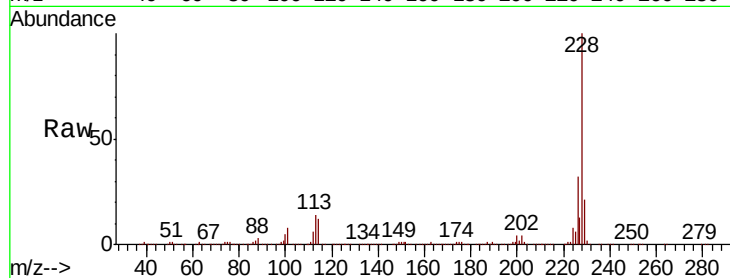
Tgt Ion:228 Resp: 2068696

Ion Ratio Lower Upper

228 100

226 32.1 25.4 38.0

229 21.5 16.5 24.7



#84

Bis(2-ethylhexyl)phthalate

Concen: 44.888 ng

RT: 13.74 min Scan# 2007

Delta R.T. -0.02 min

Lab File: BF115184.D

Acq: 25 Jun 2019 13:46

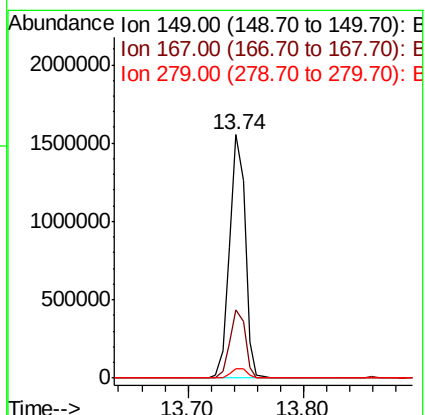
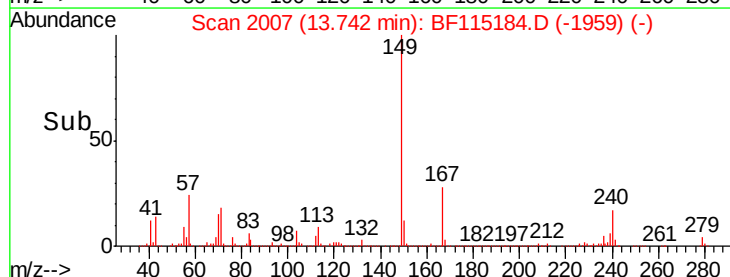
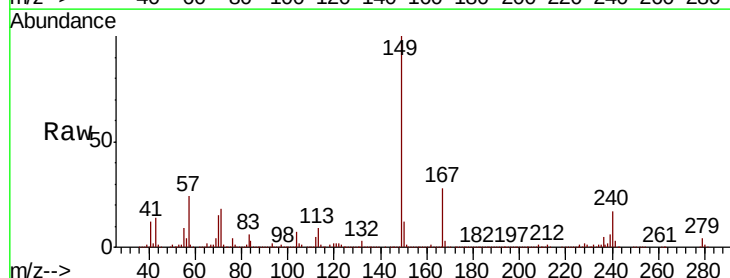
Tgt Ion:149 Resp: 1452642

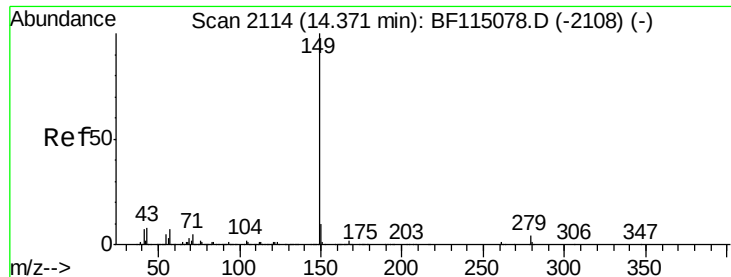
Ion Ratio Lower Upper

149 100

167 28.0 22.2 33.4

279 4.0 2.9 4.3





#85

Di-n-octyl phthalate

Concen: 45.555 ng

RT: 14.36 min Scan# 2112

Delta R.T. -0.01 min

Lab File: BF115184.D

Acq: 25 Jun 2019 13:46

Instrument :

BNA_F

ClientSampleId :

PB120809BS

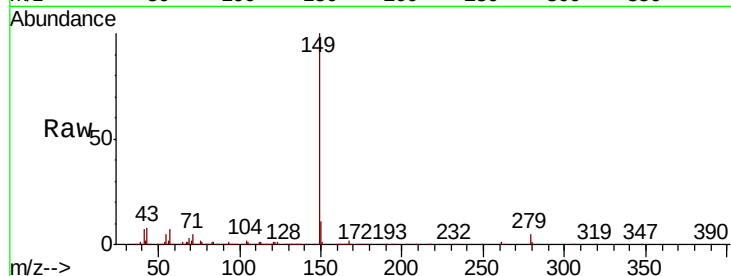
Tgt Ion:149 Resp: 2476982

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

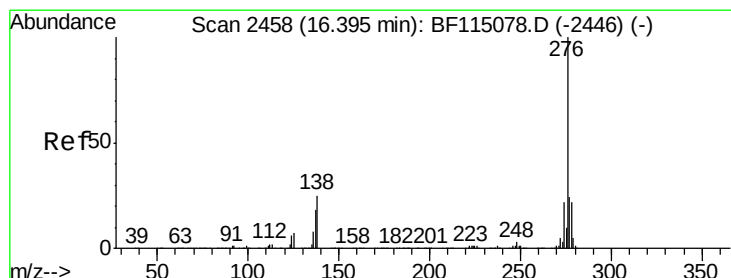
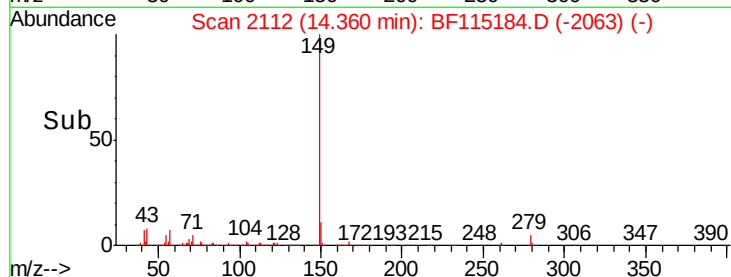
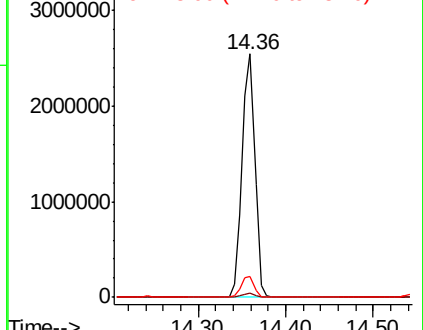
43 8.6 7.0 10.6



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: 42.549 ng

RT: 16.39 min Scan# 2457

Delta R.T. -0.01 min

Lab File: BF115184.D

Acq: 25 Jun 2019 13:46

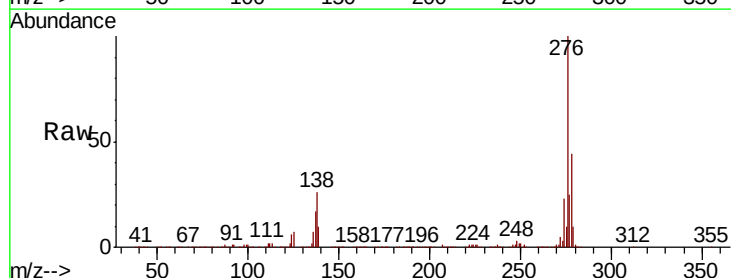
Tgt Ion:276 Resp: 2409907

Ion Ratio Lower Upper

276 100

138 28.3 23.2 34.8

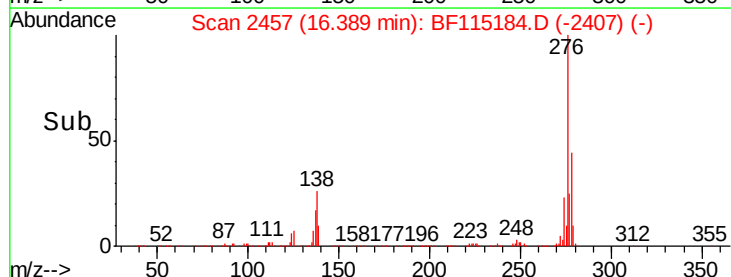
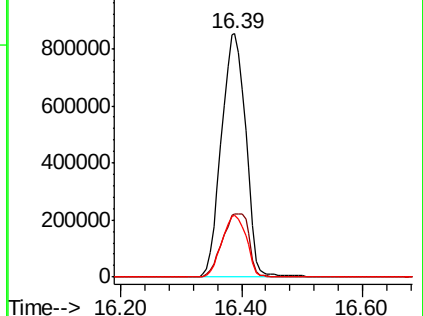
277 25.8 20.1 30.1

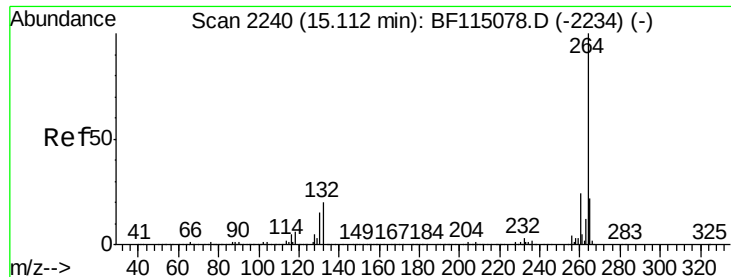


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



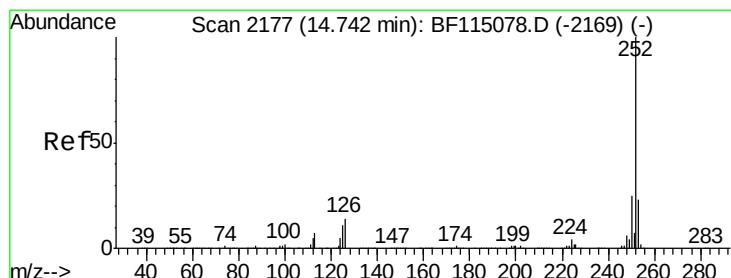
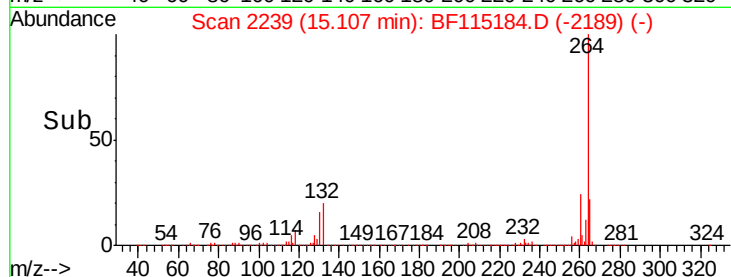
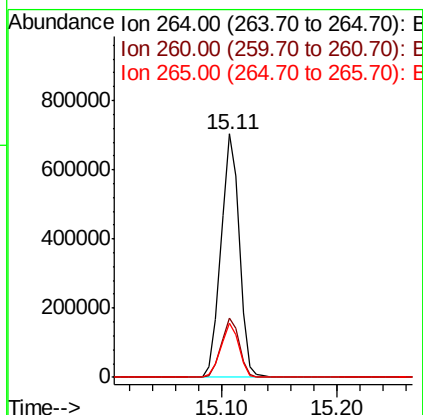
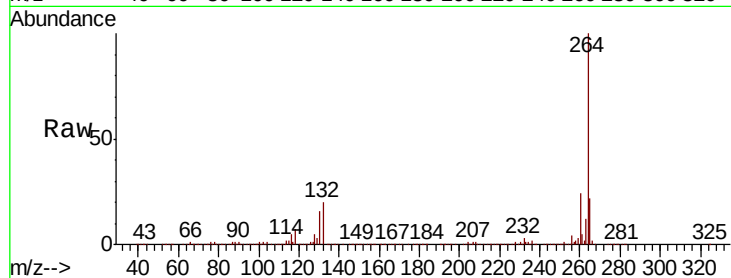


#87
Perylene-d12
Concen: 20.000 ng
RT: 15.11 min Scan# 2239
Delta R.T. -0.01 min
Lab File: BF115184.D
Acq: 25 Jun 2019 13:46

Instrument :
BNA_F
ClientSampleId :
PB120809BS

Tgt Ion: 264 Resp: 774073

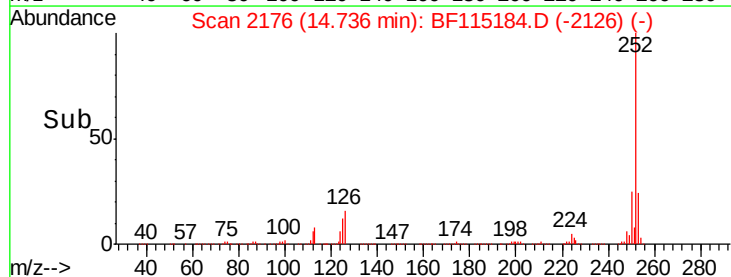
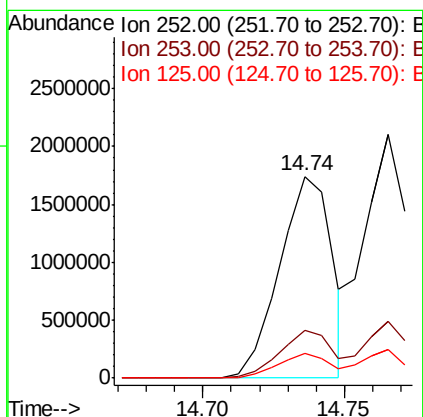
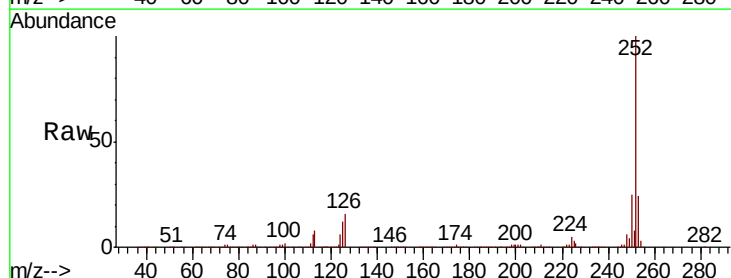
Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.6	29.4
265	22.1	17.3	25.9

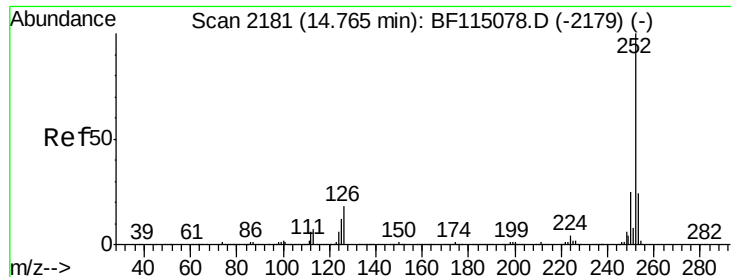


#88
Benzo(b)fluoranthene
Concen: 46.590 ng
RT: 14.74 min Scan# 2176
Delta R.T. -0.01 min
Lab File: BF115184.D
Acq: 25 Jun 2019 13:46

Tgt Ion: 252 Resp: 2250306

Ion	Ratio	Lower	Upper
252	100		
253	23.6	18.1	27.1
125	12.0	8.7	13.1





#89

Benzo(k)fluoranthene

Concen: 50.046 ng

RT: 14.77 min Scan# 2181

Delta R.T. 0.00 min

Lab File: BF115184.D

Acq: 25 Jun 2019 13:46

Instrument :

BNA_F

ClientSampleID :

PB120809BS

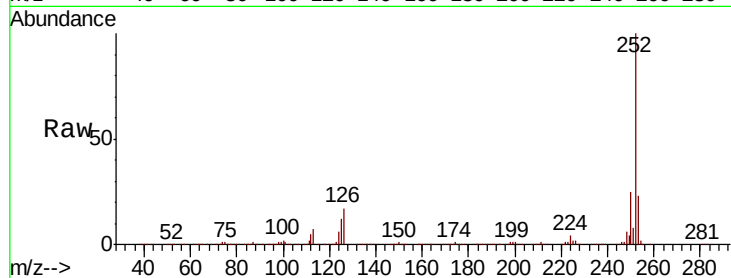
Tgt Ion:252 Resp: 2167716

Ion Ratio Lower Upper

252 100

253 23.4 18.9 28.3

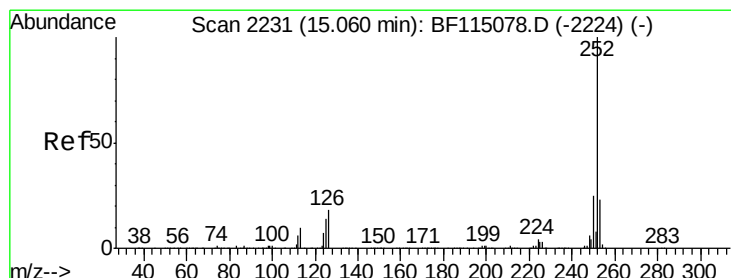
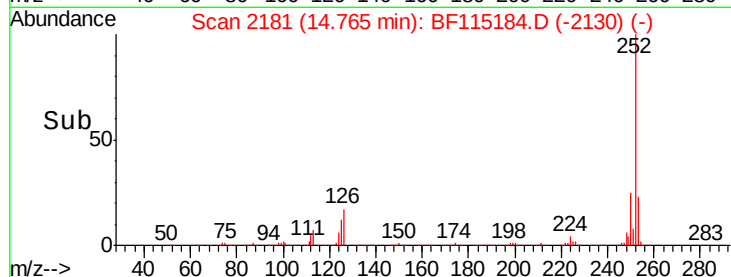
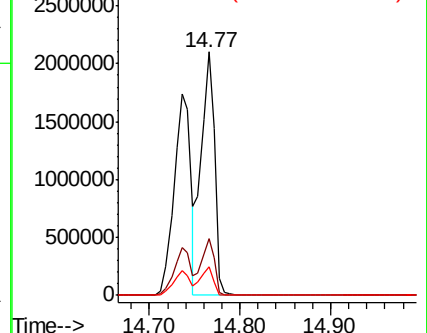
125 11.9 10.2 15.2



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 49.918 ng

RT: 15.06 min Scan# 2231

Delta R.T. 0.00 min

Lab File: BF115184.D

Acq: 25 Jun 2019 13:46

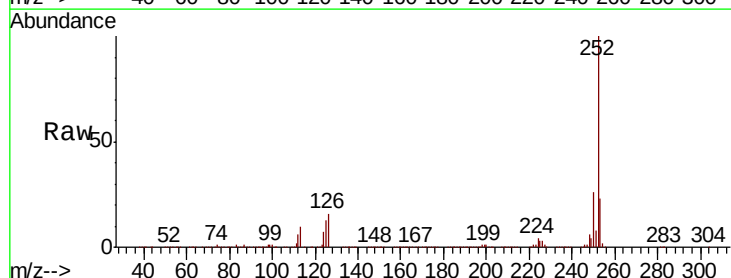
Tgt Ion:252 Resp: 2173086

Ion Ratio Lower Upper

252 100

253 23.2 18.3 27.5

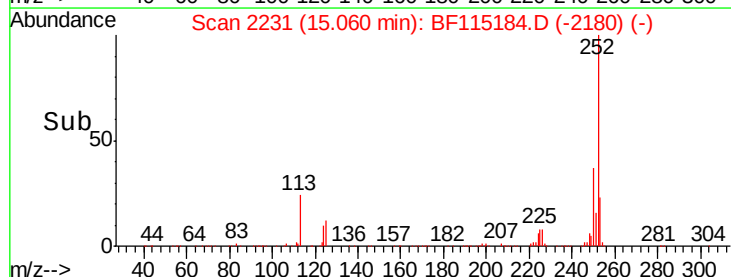
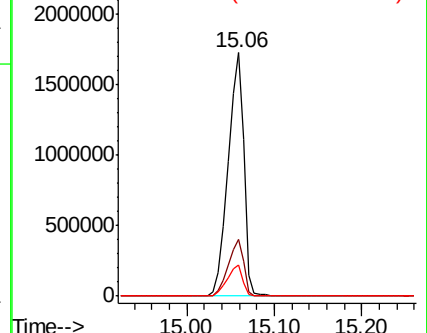
125 12.8 10.9 16.3

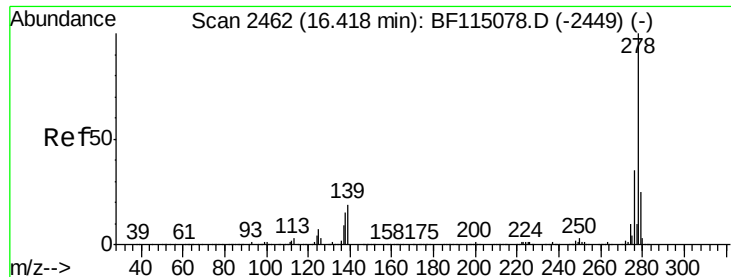


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

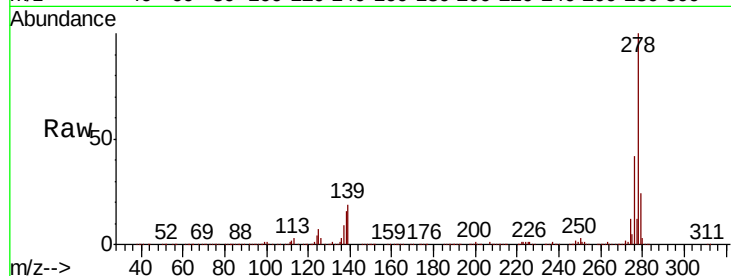




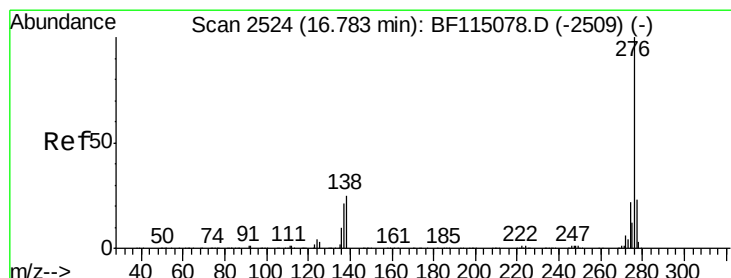
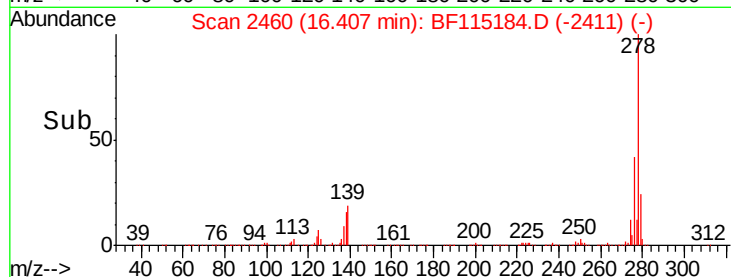
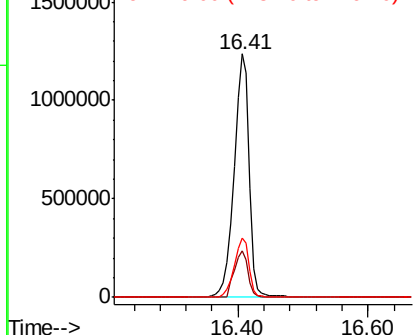
#91
Dibenzo(a,h)anthracene
Concen: 48.742 ng
RT: 16.41 min Scan# 2460
Delta R.T. -0.01 min
Lab File: BF115184.D
Acq: 25 Jun 2019 13:46

Instrument :
BNA_F
ClientSampleId :
PB120809BS

Tgt Ion:278 Resp: 1980930
Ion Ratio Lower Upper
278 100
139 18.9 15.4 23.2
279 24.4 19.9 29.9

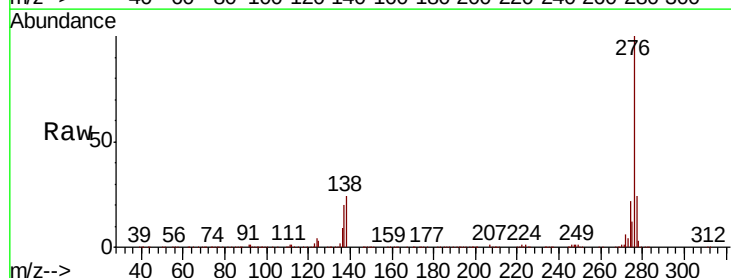


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 48.650 ng
RT: 16.77 min Scan# 2522
Delta R.T. -0.01 min
Lab File: BF115184.D
Acq: 25 Jun 2019 13:46

Tgt Ion:276 Resp: 2001130
Ion Ratio Lower Upper
276 100
277 23.9 18.6 28.0
138 23.6 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

