

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071019\
 Data File : BF115452.D
 Acq On : 10 Jul 2019 13:35
 Operator : HP/JU
 Sample : PB121133BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB121133BS

Quant Time: Jul 10 16:55:01 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF070519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 10 16:47:05 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	173310	20.00	ng	0.00
21) Naphthalene-d8	8.18	136	699508	20.00	ng	0.00
39) Acenaphthene-d10	9.94	164	342381	20.00	ng	0.00
64) Phenanthrene-d10	11.42	188	653226	20.00	ng	0.00
76) Chrysene-d12	14.07	240	420389	20.00	ng	0.00
87) Perylene-d12	15.58	264	343180	20.00	ng	0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.53	112	1321356	117.80	ng	0.02
7) Phenol-d6	6.53	99	1700952	119.23	ng	0.00
23) Nitrobenzene-d5	7.46	82	1033230	87.27	ng	0.00
42) 2,4,6-Tribromophenol	10.73	330	498547	131.70	ng	0.00
45) 2-Fluorobiphenyl	9.26	172	1830408	93.81	ng	0.00
79) Terphenyl-d14	13.01	244	1858890	90.54	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.83	88	219779	39.945	ng	99
3) Pyridine	3.56	79	563699	37.051	ng	99
4) n-Nitrosodimethylamine	3.51	42	225483	36.548	ng	99
6) Aniline	6.56	93	626758	31.133	ng	99
8) 2-Chlorophenol	6.69	128	541615	42.761	ng	96
9) Benzaldehyde	6.44	77	289034	34.215	ng	96
10) Phenol	6.54	94	687580	40.283	ng	95
11) bis(2-Chloroethyl)ether	6.63	93	522450	41.259	ng	99
12) 1,3-Dichlorobenzene	6.84	146	569619	41.049	ng	99
13) 1,4-Dichlorobenzene	6.92	146	579612	41.699	ng	98
14) 1,2-Dichlorobenzene	7.07	146	533009	41.418	ng	97
15) Benzyl Alcohol	7.03	79	481748	42.082	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.17	45	688284	38.874	ng	99
17) 2-Methylphenol	7.15	107	463285	42.695	ng	100
18) Hexachloroethane	7.41	117	213247	41.183	ng	95
19) n-Nitroso-di-n-propylamine	7.31	70	377419	39.104	ng	95
20) 3+4-Methylphenols	7.30	107	546033	42.600	ng	93
22) Acetophenone	7.30	105	739644	44.127	ng	# 99
24) Nitrobenzene	7.47	77	594024	44.427	ng	96
25) Isophorone	7.72	82	1087893	42.393	ng	100
26) 2-Nitrophenol	7.79	139	299032	54.399	ng	100
27) 2,4-Dimethylphenol	7.83	122	523691	49.961	ng	99
28) bis(2-Chloroethoxy)methane	7.93	93	671452	42.432	ng	100
29) 2,4-Dichlorophenol	8.03	162	480174	45.993	ng	99
30) 1,2,4-Trichlorobenzene	8.12	180	518169	44.583	ng	98
31) Naphthalene	8.20	128	1547206	44.531	ng	100
32) Benzoic acid	7.96	122	380701	49.622	ng	100
33) 4-Chloroaniline	8.24	127	375431	24.218	ng	99
34) Hexachlorobutadiene	8.32	225	291458	44.219	ng	99
35) Caprolactam	8.62	113	79123	23.269	ng	96
36) 4-Chloro-3-methylphenol	8.73	107	492815	44.627	ng	98
37) 2-Methylnaphthalene	8.89	142	1047304	45.097	ng	99
38) 1-Methylnaphthalene	8.99	142	986001	44.498	ng	98
40) 1,2,4,5-Tetrachlorobenzene	9.06	216	462863	46.992	ng	99

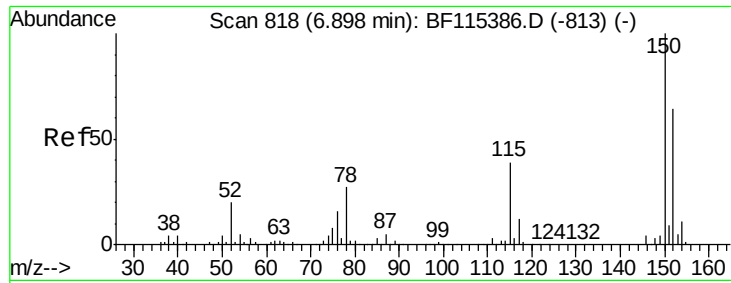
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071019\
 Data File : BF115452.D
 Acq On : 10 Jul 2019 13:35
 Operator : HP/JU
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 QLast Update : Wed Jul 10 16:47:05 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.05	237	504506	88.372	ng	100
43) 2,4,6-Trichlorophenol	9.17	196	338136	47.154	ng	99
44) 2,4,5-Trichlorophenol	9.21	196	350301	47.111	ng	97
46) 1,1'-Biphenyl	9.36	154	1259293	46.786	ng	100
47) 2-Chloronaphthalene	9.38	162	1003576	45.113	ng	98
48) 2-Nitroaniline	9.47	65	294307	45.030	ng	99
49) Acenaphthylene	9.80	152	1504149	44.659	ng	99
50) Dimethylphthalate	9.66	163	1146876	44.629	ng	100
51) 2,6-Dinitrotoluene	9.72	165	266574	47.830	ng	97
52) Acenaphthene	9.97	154	1047764	49.429	ng	98
53) 3-Nitroaniline	9.88	138	208285	32.177	ng	96
54) 2,4-Dinitrophenol	9.99	184	269013	108.031	ng	91
55) Dibenzofuran	10.15	168	1350579	45.231	ng	100
56) 4-Nitrophenol	10.05	139	452832	90.419	ng	97
57) 2,4-Dinitrotoluene	10.12	165	349266	49.311	ng	93
58) Fluorene	10.49	166	985031	41.848	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.26	232	295810	46.051	ng	99
60) Diethylphthalate	10.36	149	1091802	43.164	ng	99
61) 4-Chlorophenyl-phenylether	10.47	204	507545	44.178	ng	99
62) 4-Nitroaniline	10.50	138	278013	43.755	ng	95
63) Azobenzene	10.64	77	1091351	41.856	ng	99
65) 4,6-Dinitro-2-methylphenol	10.53	198	178933	55.710	ng	99
66) n-Nitrosodiphenylamine	10.60	169	928903	45.132	ng	100
67) 4-Bromophenyl-phenylether	10.97	248	326722	44.575	ng	99
68) Hexachlorobenzene	11.04	284	361933	44.005	ng	99
69) Atrazine	11.12	200	297106	46.644	ng	100
70) Pentachlorophenol	11.23	266	435388	86.861	ng	100
71) Phenanthrene	11.44	178	1479274	43.059	ng	99
72) Anthracene	11.50	178	1540074	44.704	ng	100
73) Carbazole	11.65	167	1351169	42.872	ng	100
74) Di-n-butylphthalate	11.98	149	1617593	42.468	ng	99
75) Fluoranthene	12.63	202	1539447	42.558	ng	99
77) Benzidine	12.75	184	593016	36.174	ng	98
78) Pyrene	12.86	202	1551686	47.465	ng	99
80) Butylbenzylphthalate	13.48	149	679282	47.557	ng	100
81) Benzo(a)anthracene	14.06	228	1181038	43.846	ng	99
82) 3,3'-Dichlorobenzidine	14.02	252	363359	37.177	ng	98
83) Chrysene	14.10	228	1226216	44.306	ng	99
84) Bis(2-ethylhexyl)phthalate	14.06	149	837148	47.326	ng	100
85) Di-n-octyl phthalate	14.70	149	1390963	44.172	ng	100
86) Indeno(1,2,3-cd)pyrene	17.08	276	1064679	47.267	ng	100
88) Benzo(b)fluoranthene	15.14	252	1122635	50.243	ng	99
89) Benzo(k)fluoranthene	15.18	252	985372	49.587	ng	98
90) Benzo(a)pyrene	15.52	252	977061	50.699	ng	99
91) Dibenzo(a,h)anthracene	17.10	278	883030	53.620	ng	100
92) Benzo(g,h,i)perylene	17.53	276	886720	56.887	ng	98

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

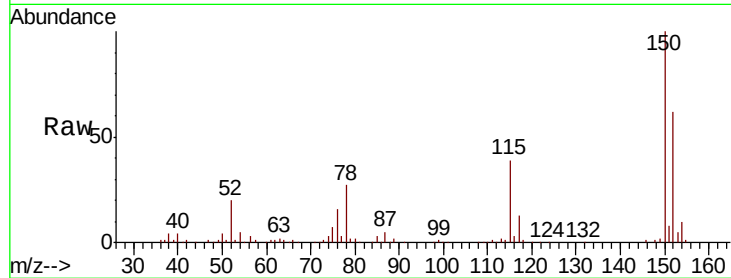


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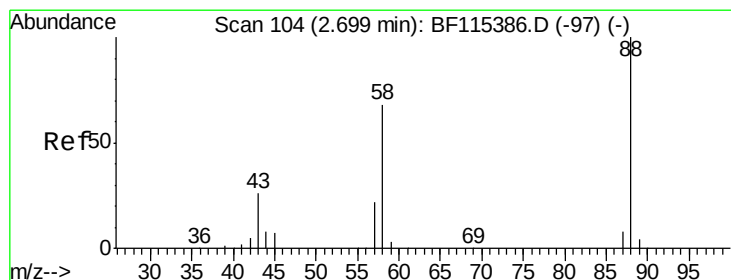
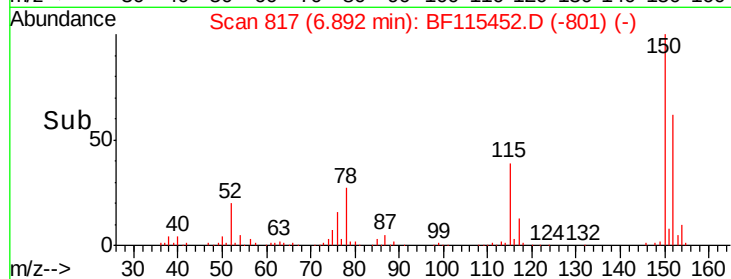
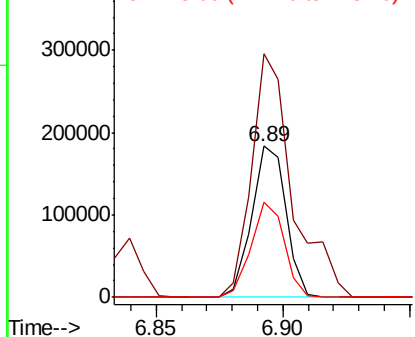
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.89 min Scan# 817
Delta R.T. -0.01 min
Lab File: BF115452.D
Acq: 10 Jul 2019 13:35

Instrument :
BNA_F
ClientSampleId :
PB121133BS

Tot Ion:152 Resp: 173310
Ion Ratio Lower Upper
152 100
150 161.2 127.4 191.2
115 63.0 46.2 69.4



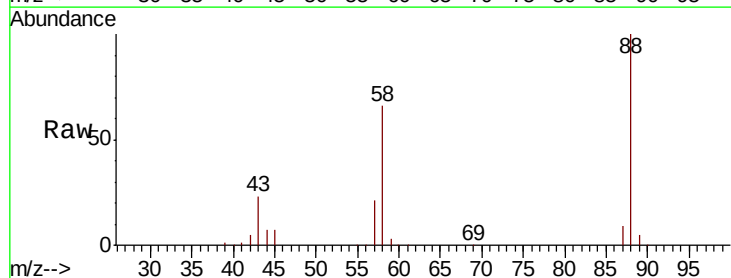
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



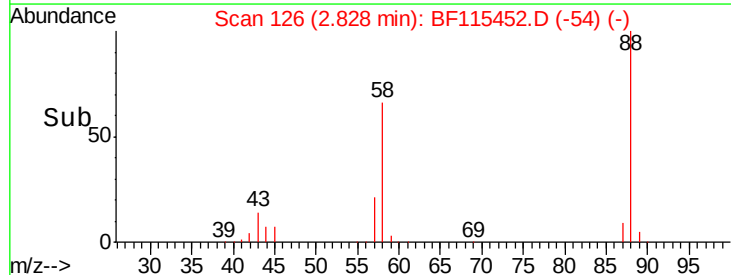
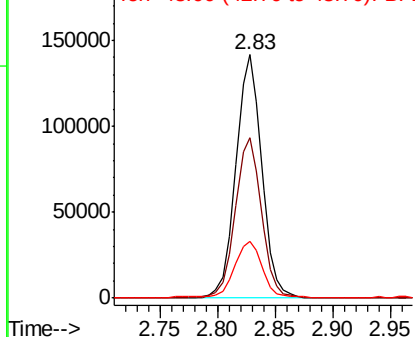
#2

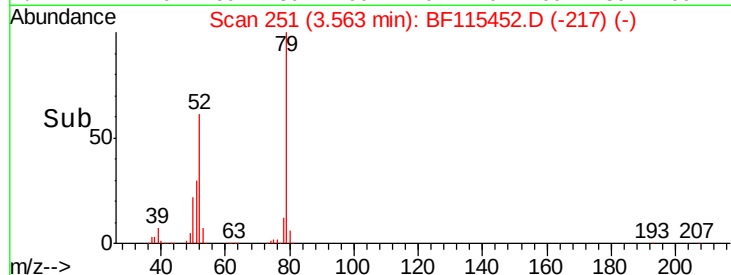
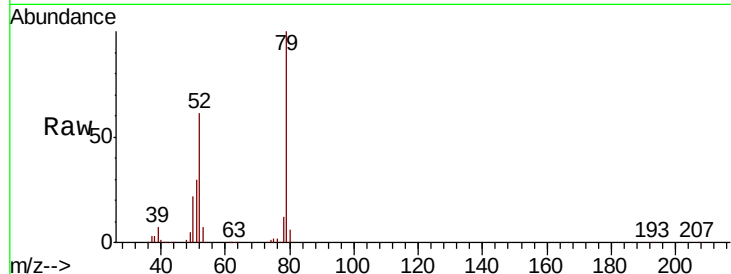
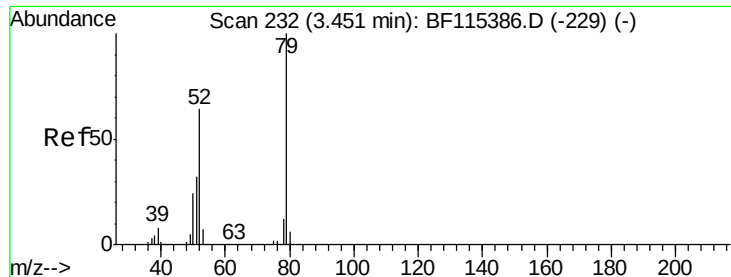
1,4-Dioxane
Concen: 39.945 ng
RT: 2.83 min Scan# 126
Delta R.T. 0.12 min
Lab File: BF115452.D
Acq: 10 Jul 2019 13:35

Tgt Ion: 88 Resp: 219779
Ion Ratio Lower Upper
88 100
58 66.7 52.5 78.7
43 24.2 19.0 28.6



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

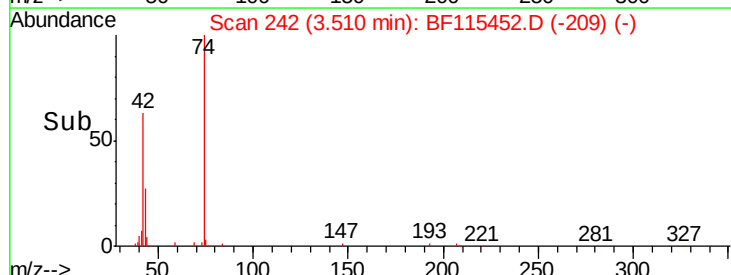
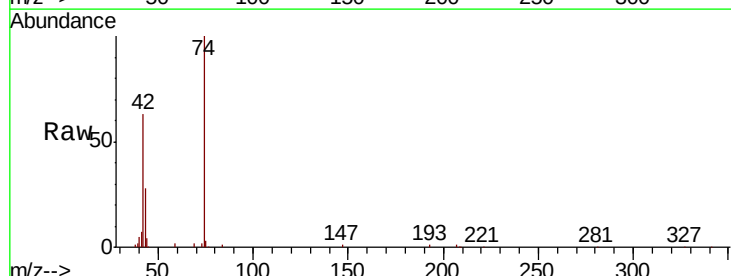
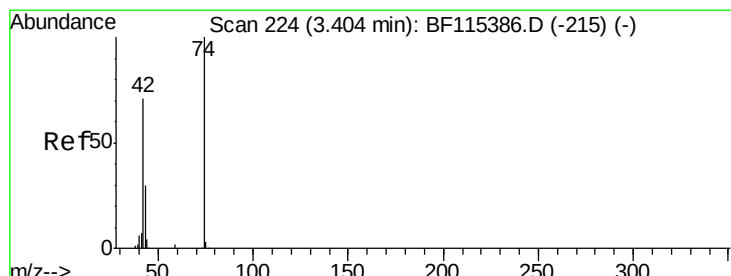
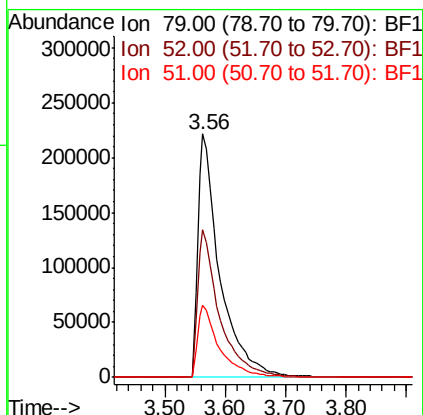




#3
 Pvridine
 Concen: 37.051 ng
 RT: 3.56 min Scan# 251
 Delta R.T. 0.10 min
 Lab File: BF115452.D
 Acq: 10 Jul 2019 13:35

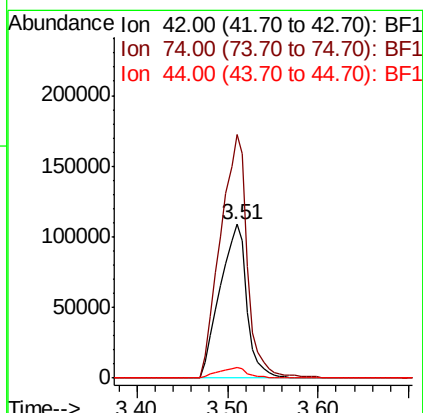
Instrument :
 BNA_F
 ClientSampleId :
 PB121133BS

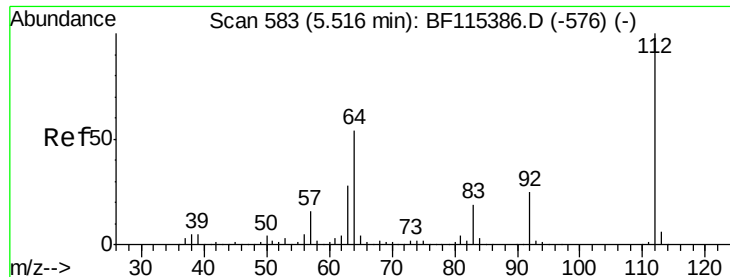
Tot Ion: 79 Resp: 563699
 Ion Ratio Lower Upper
 79 100
 52 60.9 48.2 72.2
 51 29.6 23.2 34.8



#4
 n-Nitrosodimethylamine
 Concen: 36.548 ng
 RT: 3.51 min Scan# 242
 Delta R.T. 0.09 min
 Lab File: BF115452.D
 Acq: 10 Jul 2019 13:35

Tgt Ion: 42 Resp: 225483
 Ion Ratio Lower Upper
 42 100
 74 158.7 128.5 192.7
 44 6.8 5.3 7.9





#5

2-Fluorophenol

Concen: 117.797 ng

RT: 5.53 min Scan# 586

Delta R.T. 0.02 min

Lab File: BF115452.D

Acq: 10 Jul 2019 13:35

Instrument :

BNA_F

ClientSampleId :

PB121133BS

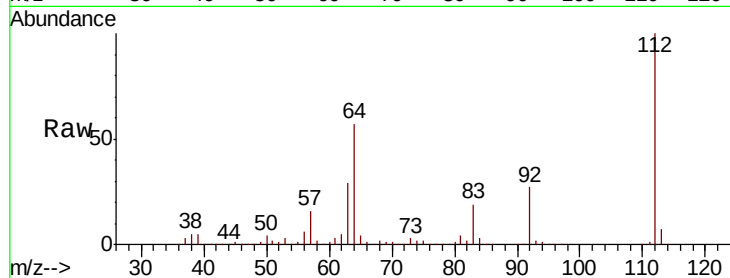
Tot Ion: 112 Resp: 1321356

Ion Ratio Lower Upper

112 100

64 56.8 44.2 66.2

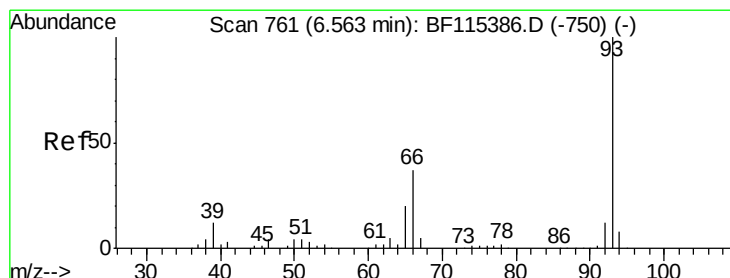
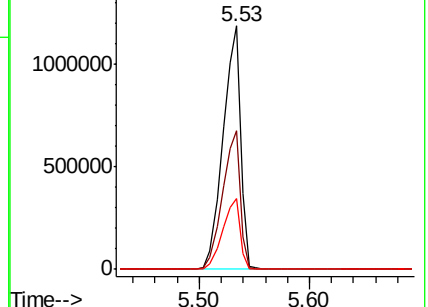
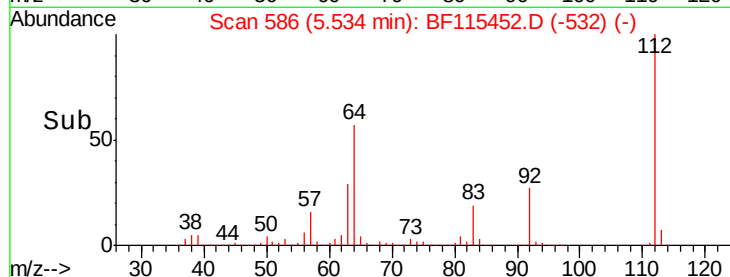
63 29.1 22.1 33.1



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 31.133 ng

RT: 6.56 min Scan# 760

Delta R.T. -0.00 min

Lab File: BF115452.D

Acq: 10 Jul 2019 13:35

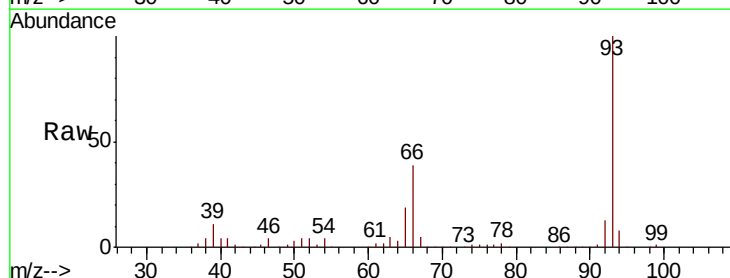
Tgt Ion: 93 Resp: 626758

Ion Ratio Lower Upper

93 100

66 38.8 31.3 46.9

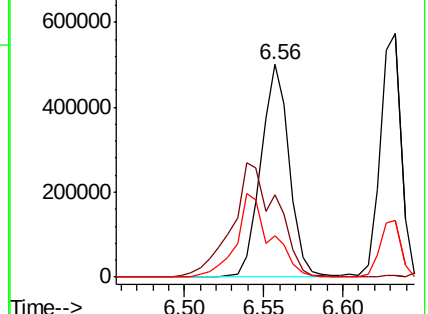
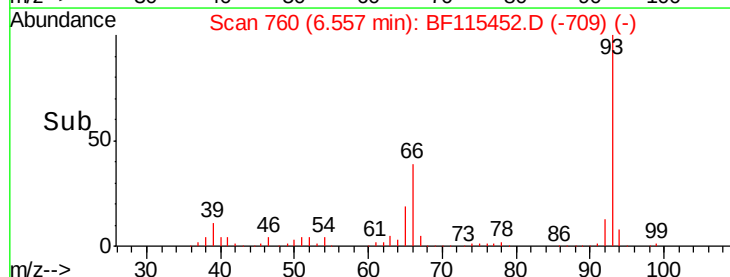
65 19.2 15.9 23.9

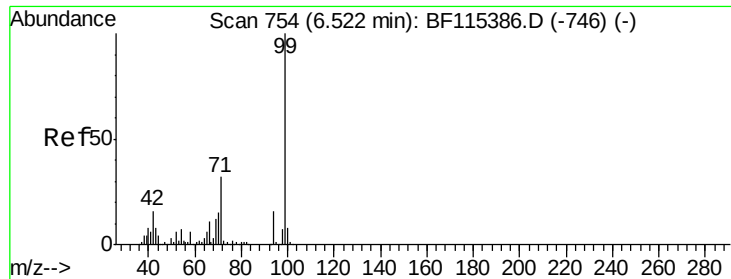


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 119.231 ng

RT: 6.53 min Scan# 755

Delta R.T. 0.01 min

Lab File: BF115452.D

Acq: 10 Jul 2019 13:35

Instrument :

BNA_F

ClientSampleId :

PB121133BS

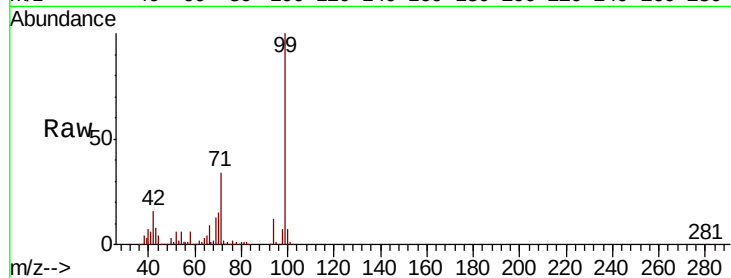
Tot Ion: 99 Resp: 1700952

Ion Ratio Lower Upper

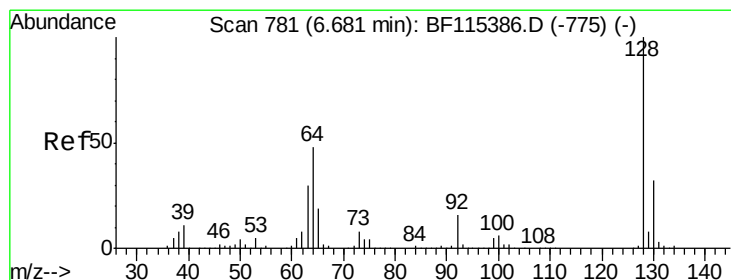
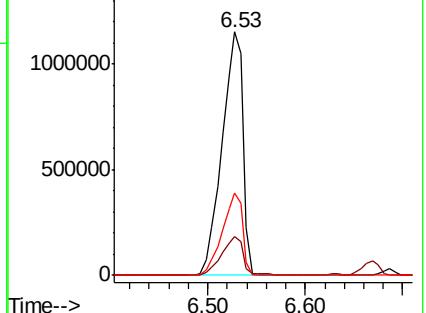
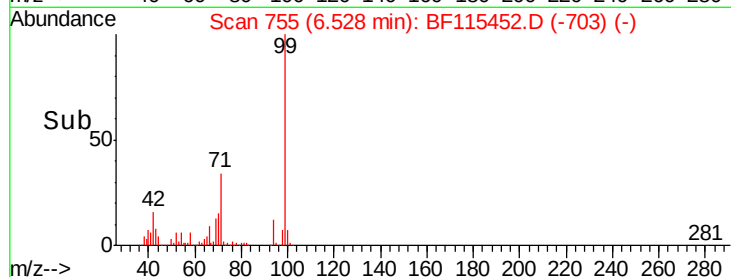
99 100

42 16.2 12.8 19.2

71 33.8 26.5 39.7



Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 42.761 ng

RT: 6.69 min Scan# 782

Delta R.T. 0.01 min

Lab File: BF115452.D

Acq: 10 Jul 2019 13:35

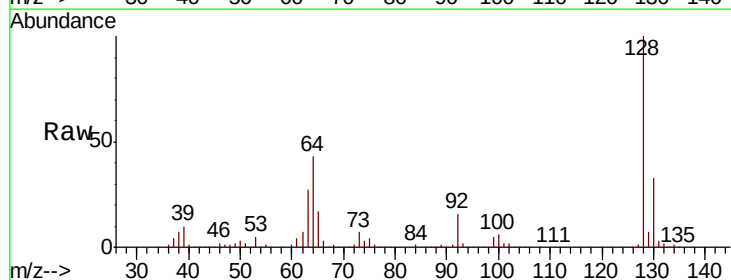
Tgt Ion: 128 Resp: 541615

Ion Ratio Lower Upper

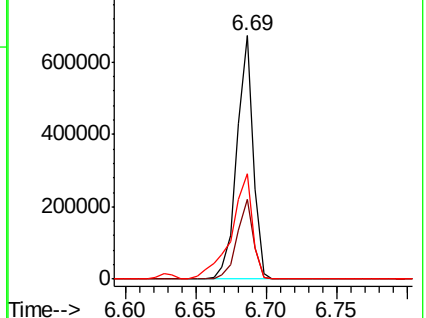
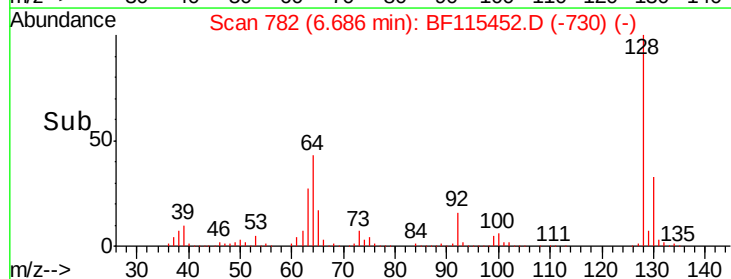
128 100

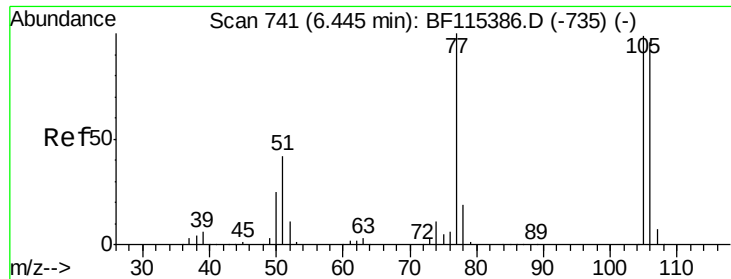
130 32.9 11.8 51.8

64 43.3 27.0 67.0



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: 34.215 ng

RT: 6.44 min Scan# 740

Delta R.T. -0.01 min

Lab File: BF115452.D

Acq: 10 Jul 2019 13:35

Instrument :

BNA_F

ClientSampleId :

PB121133BS

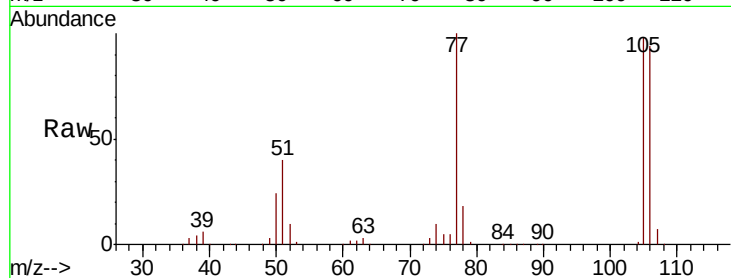
Tot Ion: 77 Resp: 289034

Ion Ratio Lower Upper

77 100

105 97.8 82.9 122.9

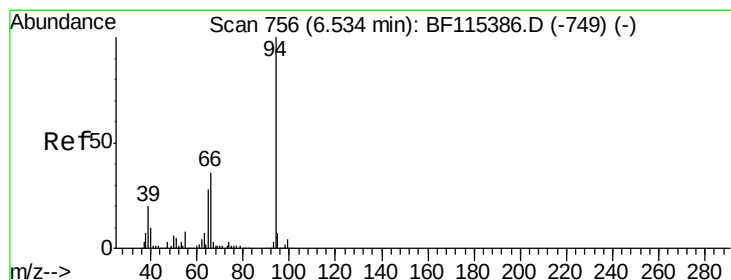
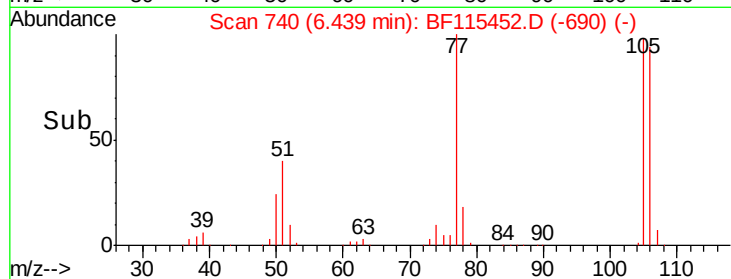
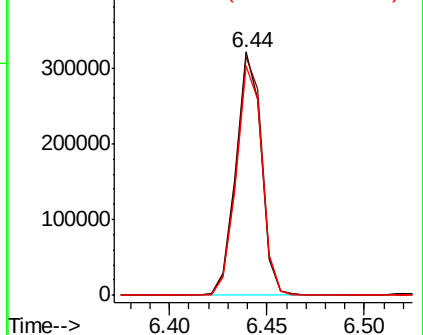
106 94.0 77.8 117.8



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 40.283 ng

RT: 6.54 min Scan# 757

Delta R.T. -0.00 min

Lab File: BF115452.D

Acq: 10 Jul 2019 13:35

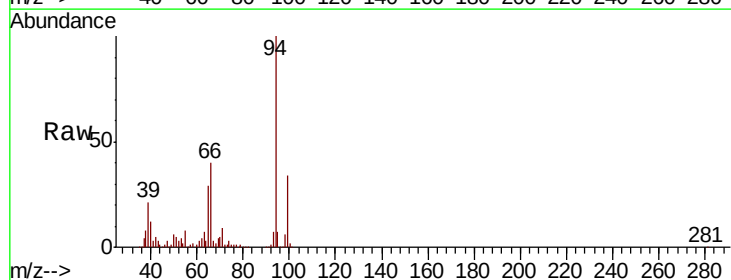
Tgt Ion: 94 Resp: 687580

Ion Ratio Lower Upper

94 100

65 29.2 7.2 47.2

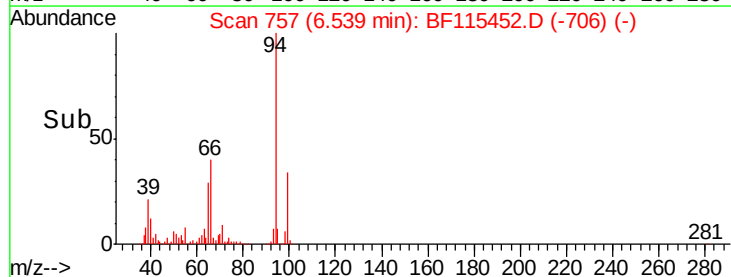
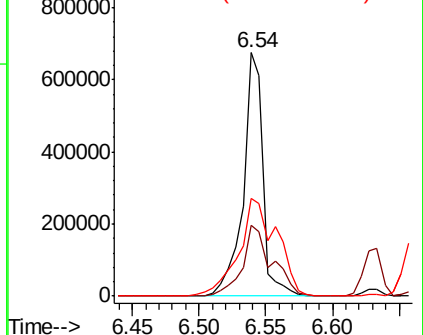
66 40.1 16.9 56.9

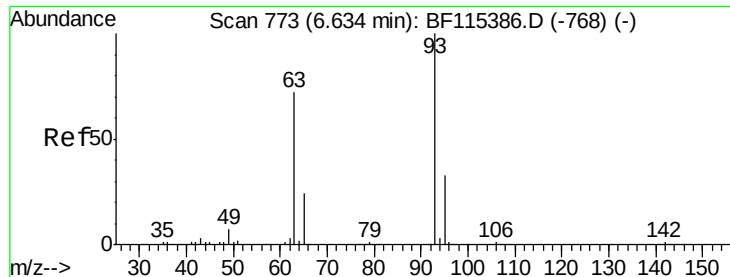


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

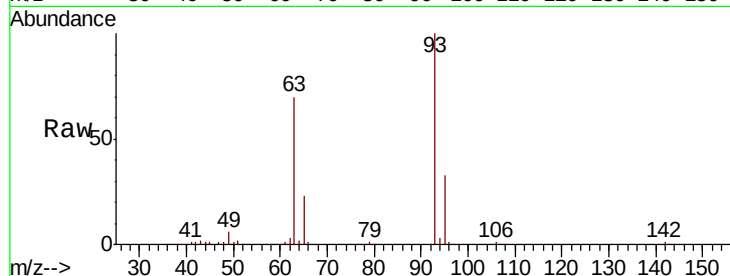




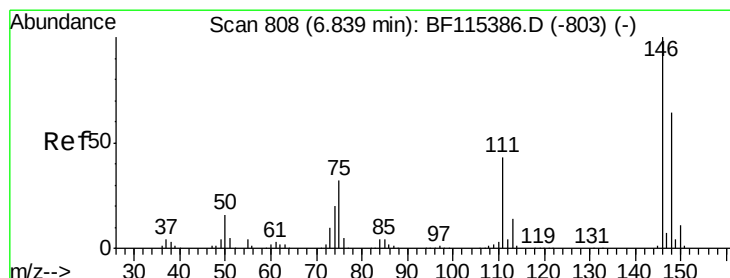
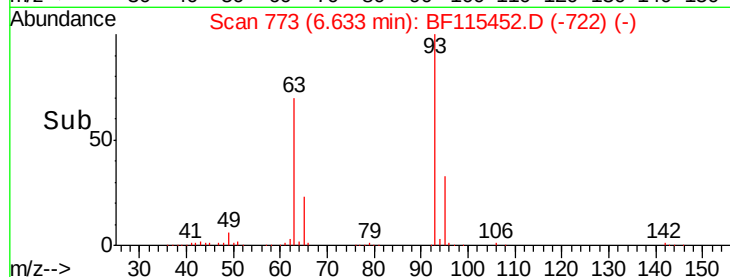
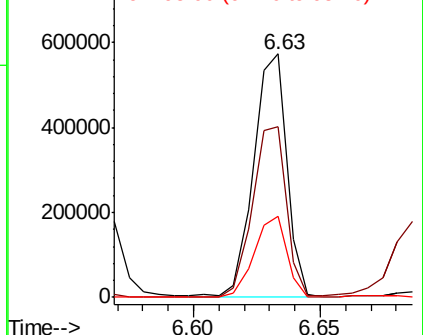
#11
bis(2-Chloroethyl)ether
Concen: 41.259 ng
RT: 6.63 min Scan# 773
Delta R.T. -0.00 min
Lab File: BF115452.D
Acq: 10 Jul 2019 13:35

Instrument :
BNA_F
ClientSampleId :
PB121133BS

Tot Ion: 93 Resp: 522450
Ion Ratio Lower Upper
93 100
63 70.2 50.0 90.0
95 33.4 12.6 52.6

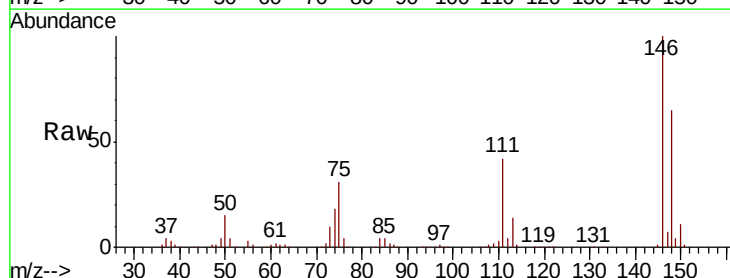


Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 63.00 (62.70 to 63.70): BF1
Ion 95.00 (94.70 to 95.70): BF1

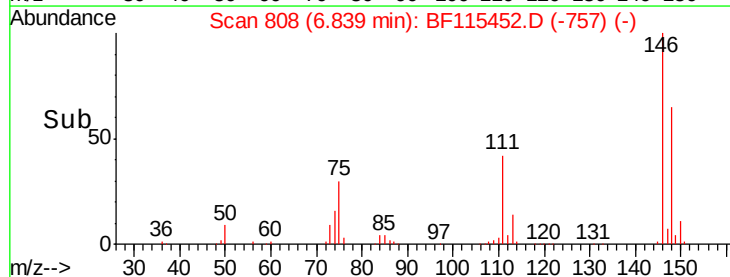
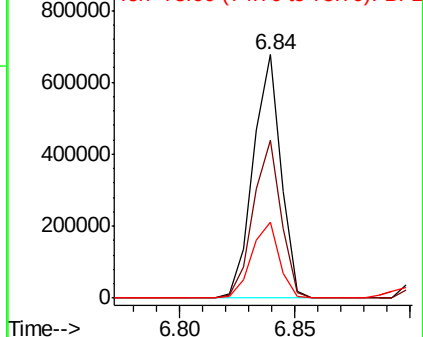


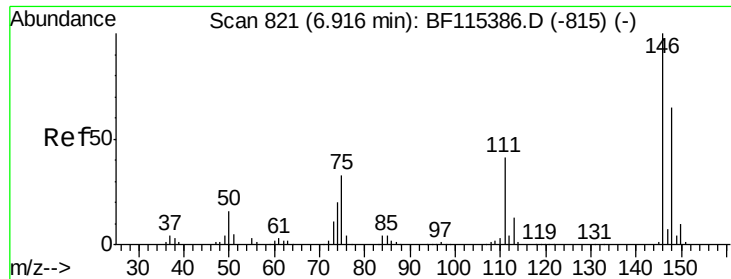
#12
1,3-Dichlorobenzene
Concen: 41.049 ng
RT: 6.84 min Scan# 808
Delta R.T. -0.00 min
Lab File: BF115452.D
Acq: 10 Jul 2019 13:35

Tgt Ion: 146 Resp: 569619
Ion Ratio Lower Upper
146 100
148 64.9 52.3 78.5
75 31.1 24.8 37.2



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 75.00 (74.70 to 75.70): BF1

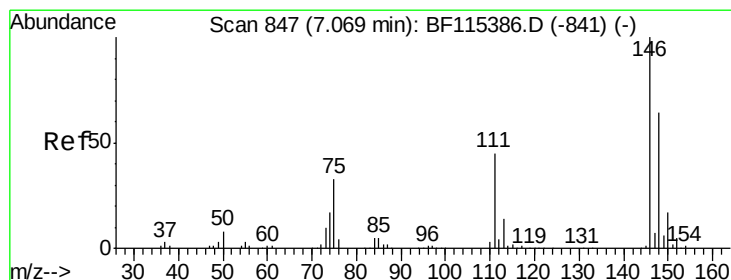
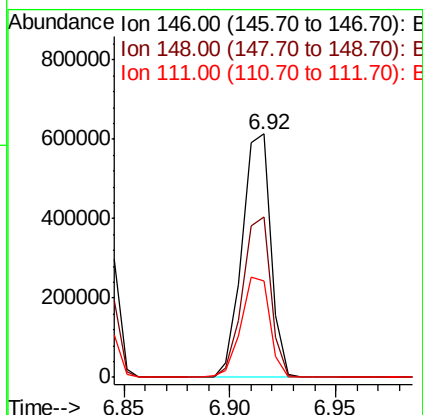
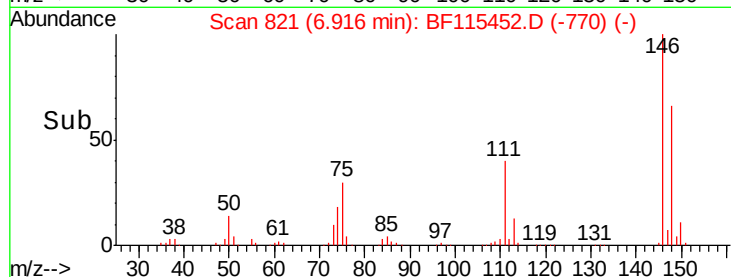
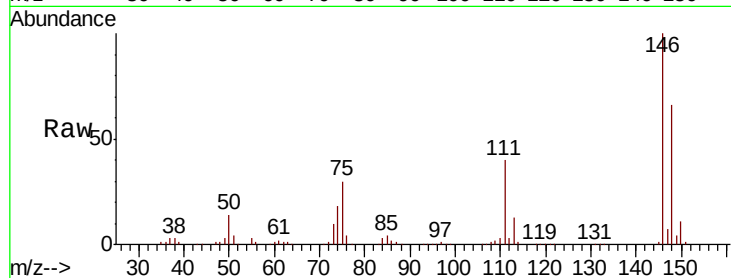




#13
 1,4-Dichlorobenzene
 Concen: 41.699 ng
 RT: 6.92 min Scan# 821
 Delta R.T. -0.00 min
 Lab File: BF115452.D
 Acq: 10 Jul 2019 13:35

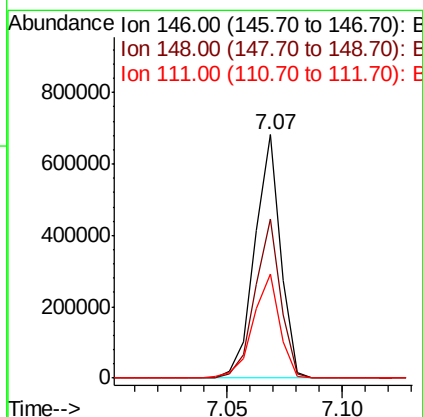
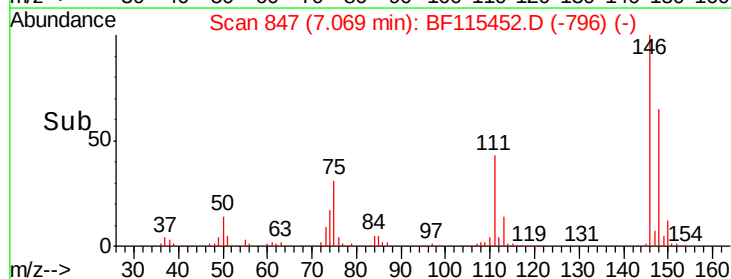
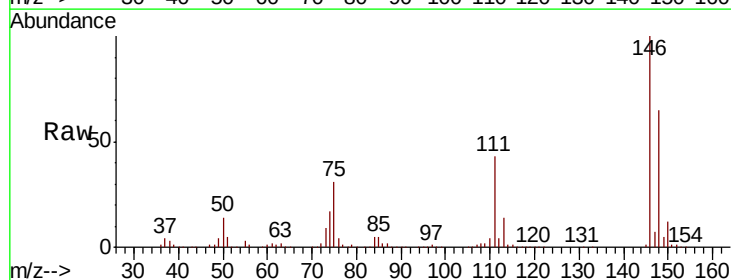
Instrument :
 BNA_F
 ClientSampleId :
 PB121133BS

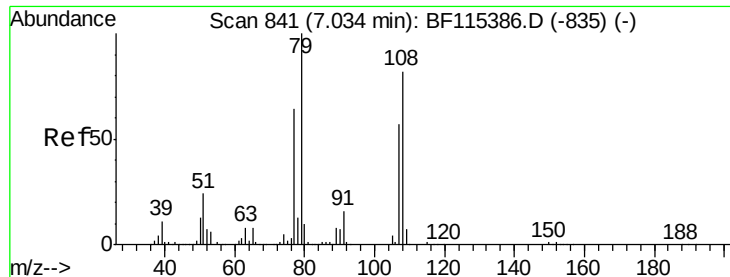
Tot Ion:146 Resp: 579612
 Ion Ratio Lower Upper
 146 100
 148 66.1 51.3 76.9
 111 39.6 32.1 48.1



#14
 1,2-Dichlorobenzene
 Concen: 41.418 ng
 RT: 7.07 min Scan# 847
 Delta R.T. -0.00 min
 Lab File: BF115452.D
 Acq: 10 Jul 2019 13:35

Tgt Ion:146 Resp: 533009
 Ion Ratio Lower Upper
 146 100
 148 65.5 50.6 75.8
 111 42.9 35.4 53.2





#15

Benzyl Alcohol

Concen: 42.082 ng

RT: 7.03 min Scan# 841

Delta R.T. -0.00 min

Lab File: BF115452.D

Acq: 10 Jul 2019 13:35

Instrument :

BNA_F

ClientSampleId :

PB121133BS

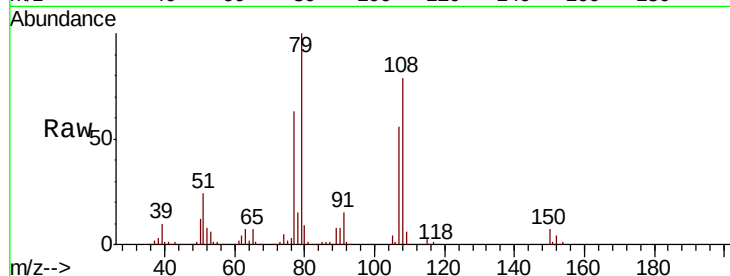
Tot Ion: 79 Resp: 481748

Ion Ratio Lower Upper

79 100

108 79.5 65.3 97.9

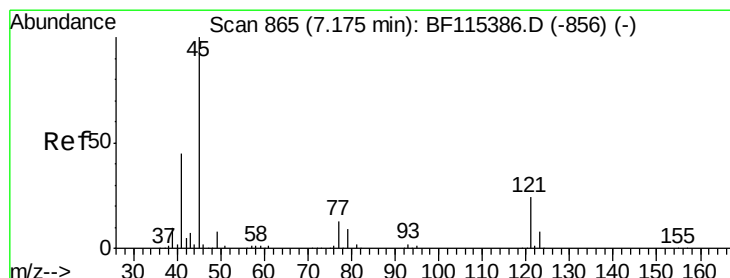
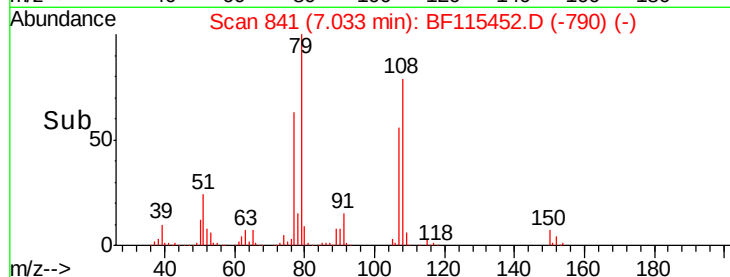
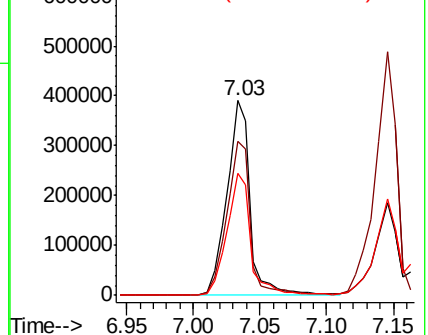
77 62.8 50.6 75.8



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1



#16

2,2'-oxybis(1-chloropropane)

Concen: 38.874 ng

RT: 7.17 min Scan# 864

Delta R.T. -0.01 min

Lab File: BF115452.D

Acq: 10 Jul 2019 13:35

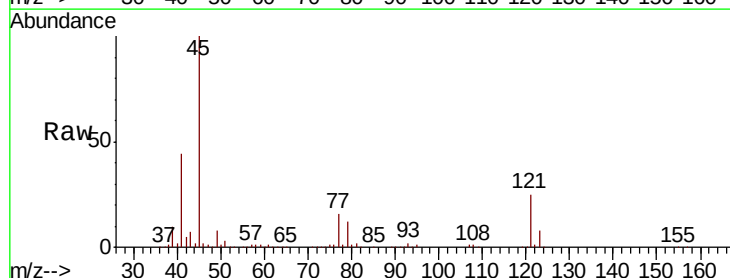
Tgt Ion: 45 Resp: 688284

Ion Ratio Lower Upper

45 100

77 16.2 0.0 36.4

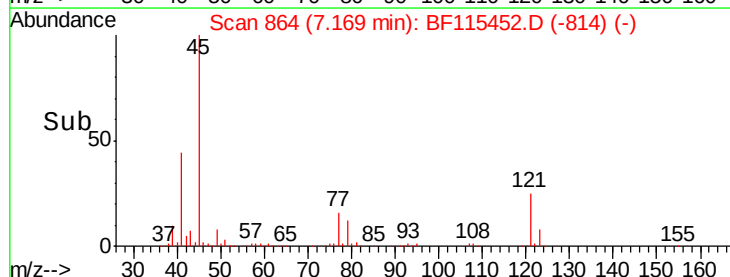
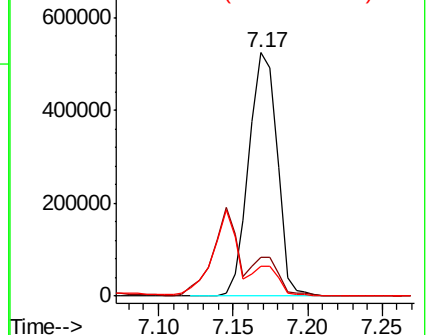
79 12.4 0.0 33.4

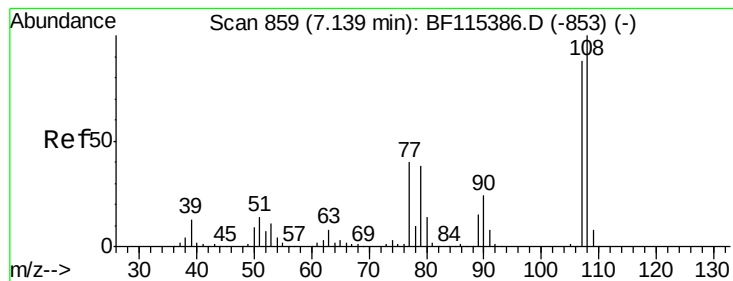


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

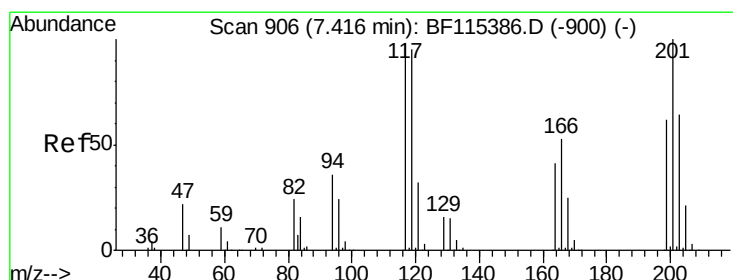
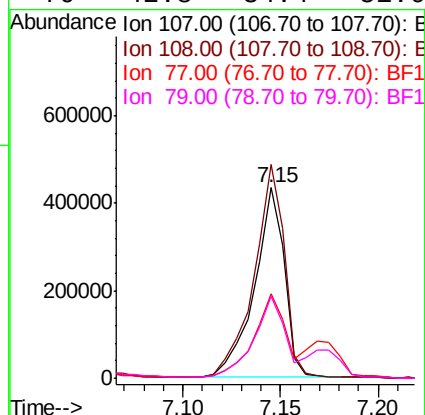
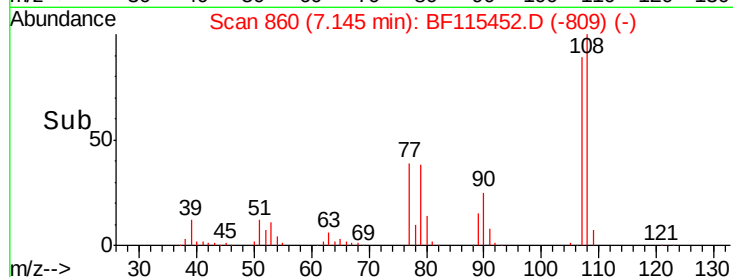
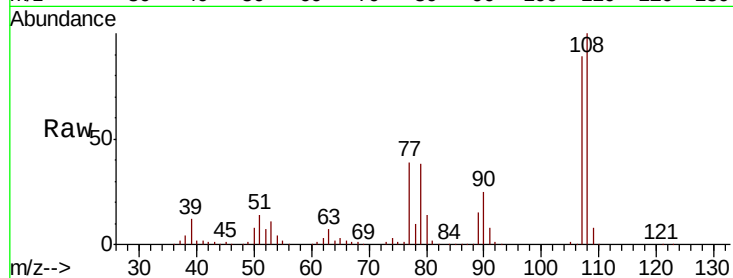




#17
2-Methylphenol
Concen: 42.695 ng
RT: 7.15 min Scan# 860
Delta R.T. -0.00 min
Lab File: BF115452.D
Acq: 10 Jul 2019 13:35

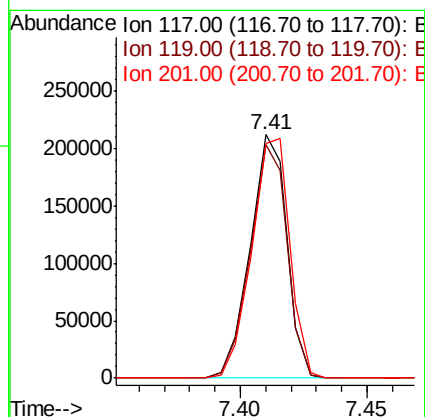
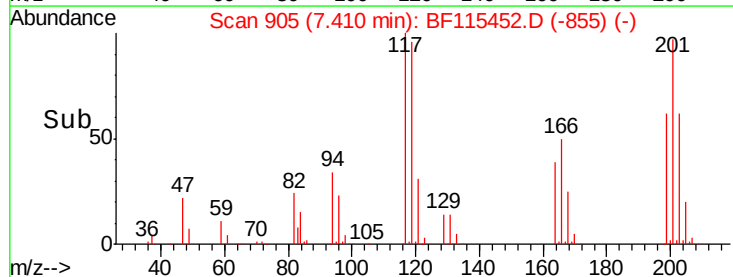
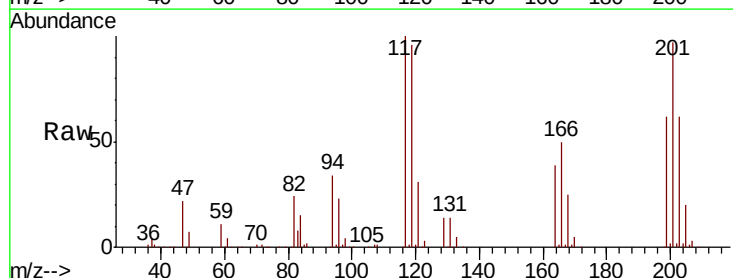
Instrument :
BNA_F
ClientSampleId :
PB121133BS

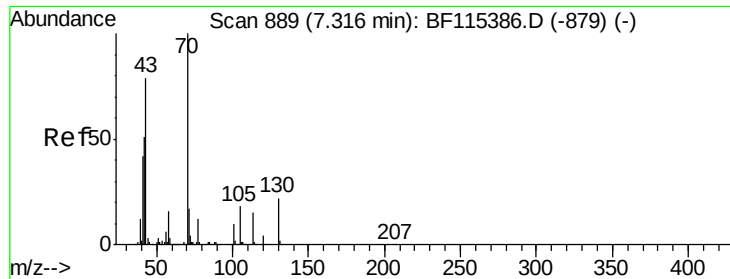
Tot Ion:107 Resp: 463285
Ion Ratio Lower Upper
107 100
108 112.2 90.0 135.0
77 44.1 35.0 52.4
79 42.8 34.4 51.6



#18
Hexachloroethane
Concen: 41.183 ng
RT: 7.41 min Scan# 905
Delta R.T. -0.01 min
Lab File: BF115452.D
Acq: 10 Jul 2019 13:35

Tgt Ion:117 Resp: 213247
Ion Ratio Lower Upper
117 100
119 95.8 76.8 115.2
201 96.6 85.8 128.6

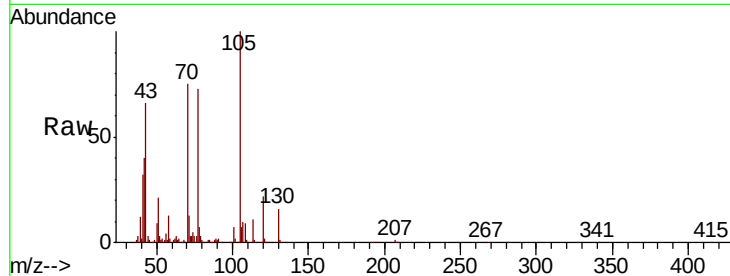




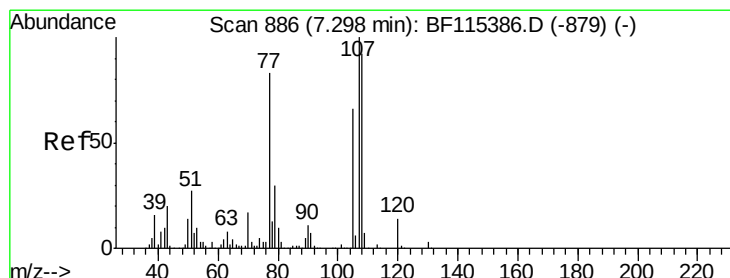
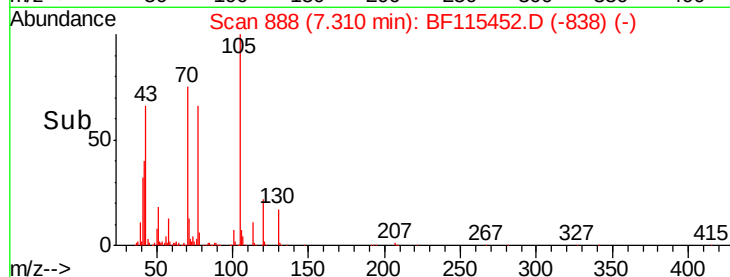
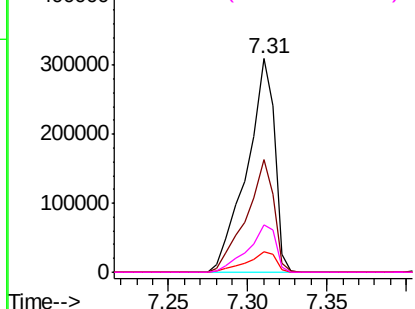
#19
n-Nitroso-di-n-propylamine
Concen: 39.104 ng
RT: 7.31 min Scan# 888
Delta R.T. -0.01 min
Lab File: BF115452.D
Acq: 10 Jul 2019 13:35

Instrument :
BNA_F
ClientSampleId :
PB121133BS

Tot Ion: 70 Resp: 377419
Ion Ratio Lower Upper
70 100
42 53.0 38.5 57.7
101 9.8 8.0 12.0
130 22.1 19.1 28.7

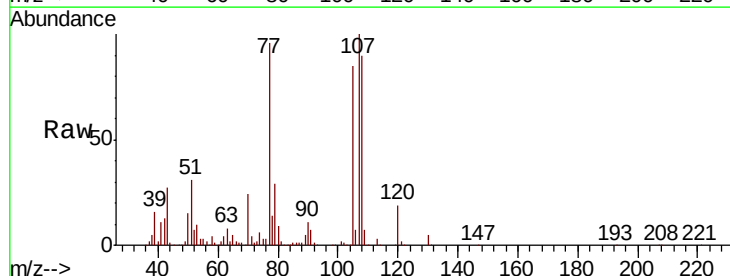


Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

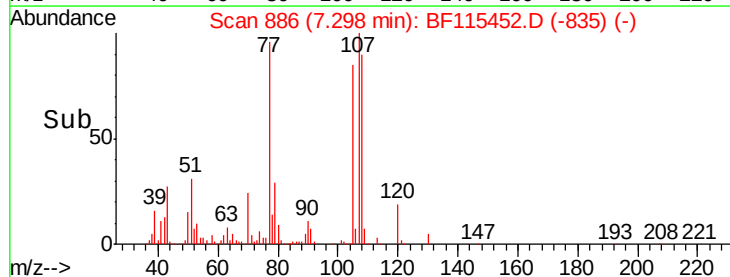
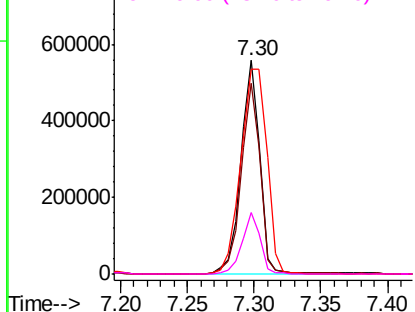


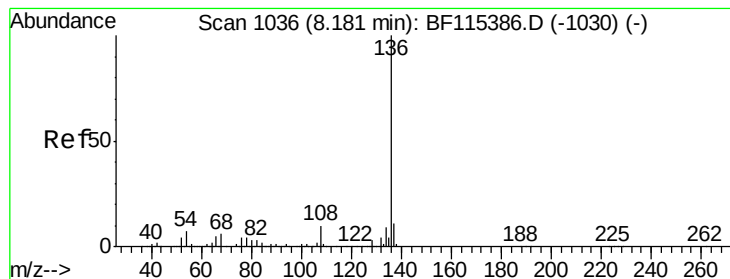
#20
3+4-Methylphenols
Concen: 42.600 ng
RT: 7.30 min Scan# 886
Delta R.T. -0.00 min
Lab File: BF115452.D
Acq: 10 Jul 2019 13:35

Tgt Ion:107 Resp: 546033
Ion Ratio Lower Upper
107 100
108 89.6 70.5 110.5
77 96.1 63.0 103.0
79 28.8 8.3 48.3



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





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.18 min Scan# 1036

Delta R.T. -0.00 min

Lab File: BF115452.D

Acq: 10 Jul 2019 13:35

Instrument :

BNA_F

ClientSampleId :

PB121133BS

Tot Ion:136 Resp: 699508

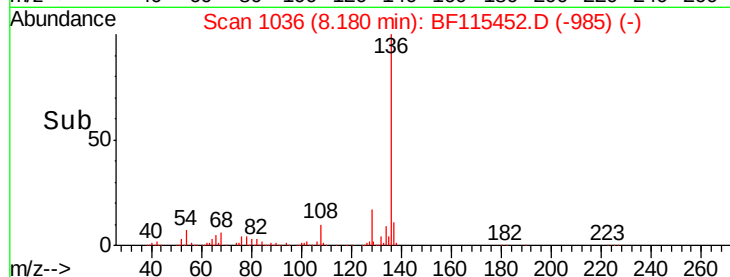
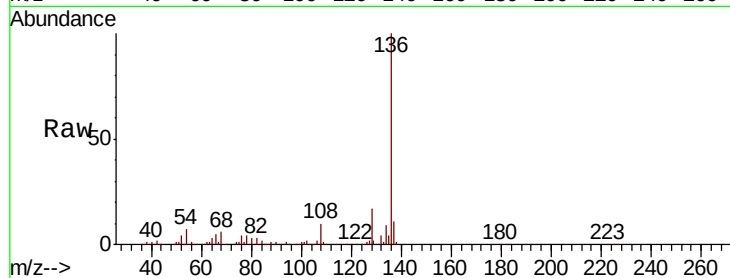
Ion Ratio Lower Upper

136 100

137 11.2 8.8 13.2

54 6.5 5.4 8.0

68 6.5 4.8 7.2

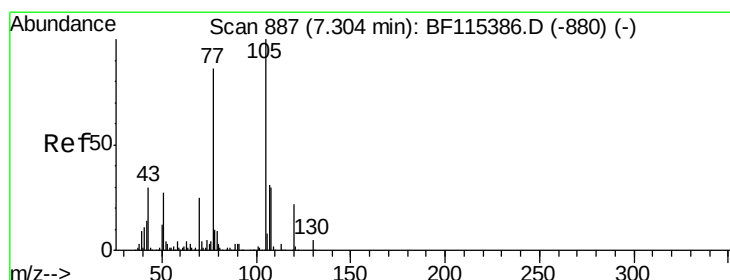
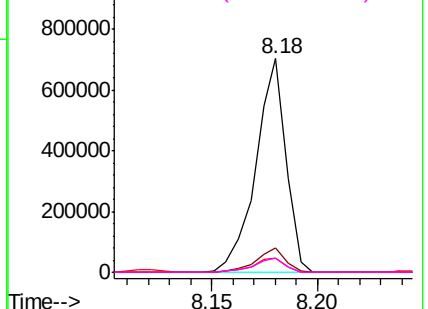


Abundance Ion 136.00 (135.70 to 136.70): E

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: 44.127 ng

RT: 7.30 min Scan# 887

Delta R.T. -0.00 min

Lab File: BF115452.D

Acq: 10 Jul 2019 13:35

Tgt Ion:105 Resp: 739644

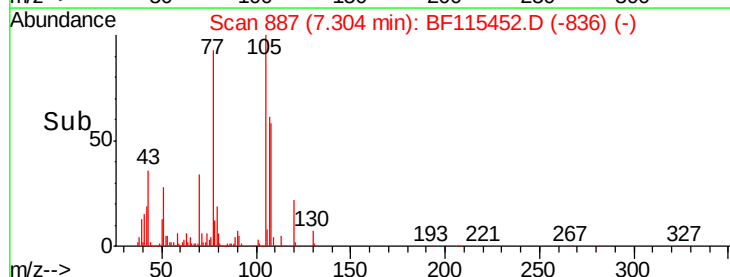
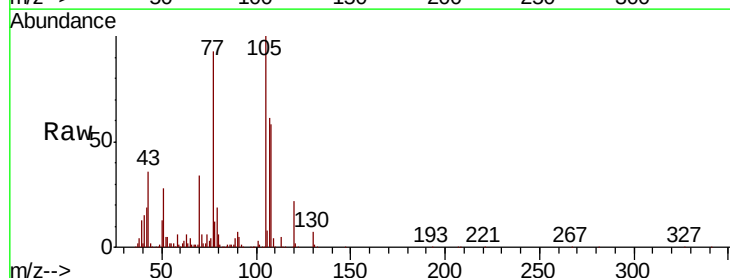
Ion Ratio Lower Upper

105 100

71 6.0 3.5 5.3#

51 28.1 22.6 33.8

120 22.4 17.9 26.9

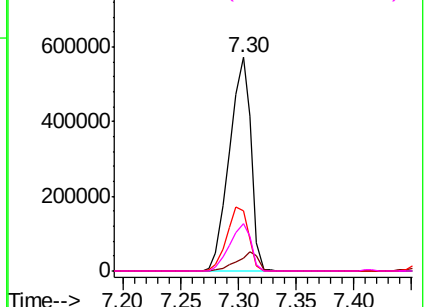


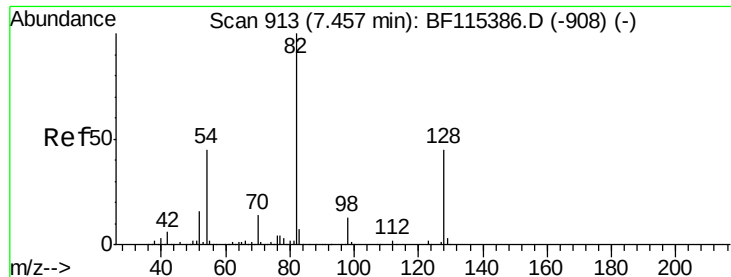
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

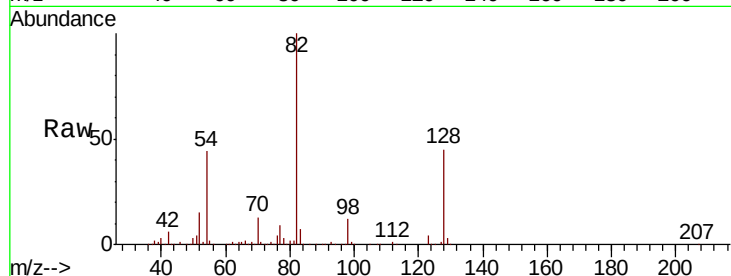




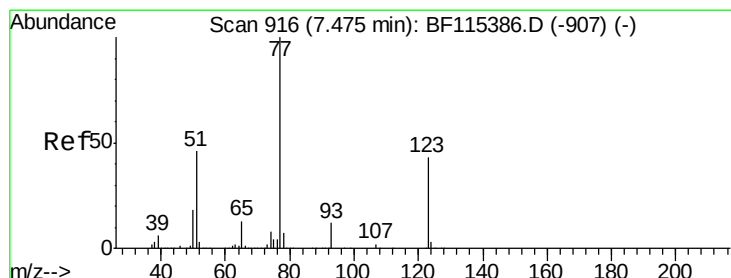
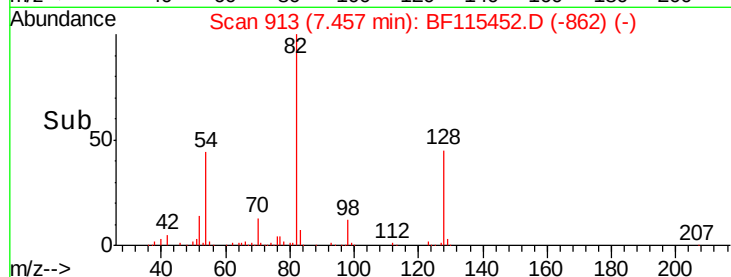
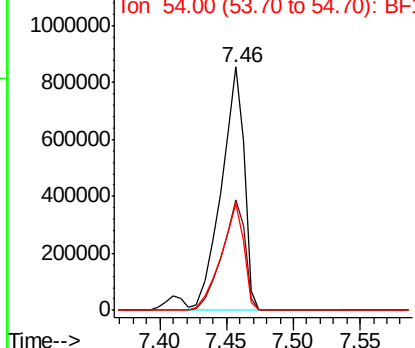
#23
Nitrobenzene-d5
Concen: 87.271 ng
RT: 7.46 min Scan# 913
Delta R.T. -0.00 min
Lab File: BF115452.D
Acq: 10 Jul 2019 13:35

Instrument :
BNA_F
ClientSampleId :
PB121133BS

Tot Ion: 82 Resp: 1033230
Ion Ratio Lower Upper
82 100
128 45.4 36.7 55.1
54 43.8 35.6 53.4

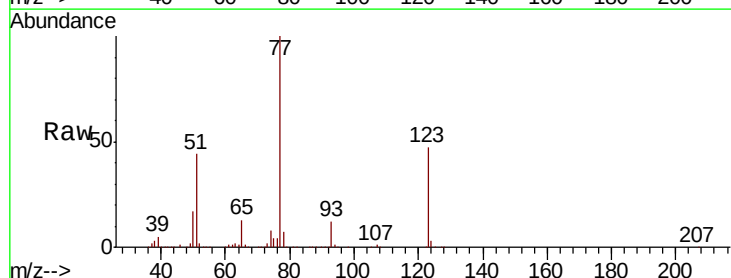


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

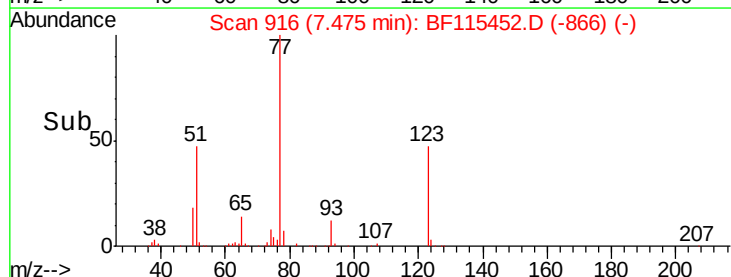
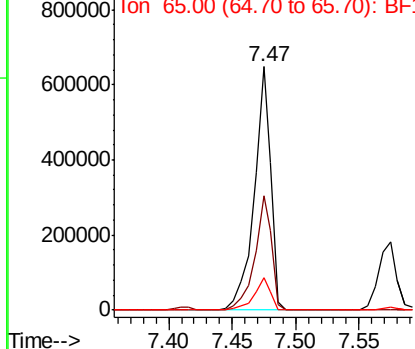


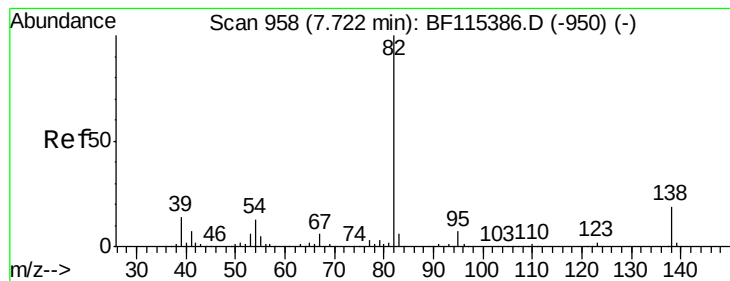
#24
Nitrobenzene
Concen: 44.427 ng
RT: 7.47 min Scan# 916
Delta R.T. -0.01 min
Lab File: BF115452.D
Acq: 10 Jul 2019 13:35

Tgt Ion: 77 Resp: 594024
Ion Ratio Lower Upper
77 100
123 47.1 40.4 60.6
65 13.1 10.4 15.6



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





#25

Isophorone

Concen: 42.393 ng

RT: 7.72 min Scan# 958

Delta R.T. -0.00 min

Lab File: BF115452.D

Acq: 10 Jul 2019 13:35

Instrument :

BNA_F

ClientSampleId :

PB121133BS

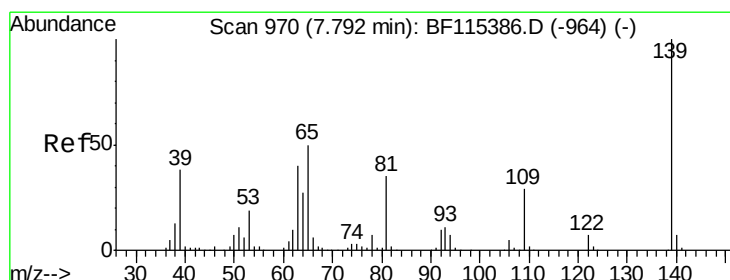
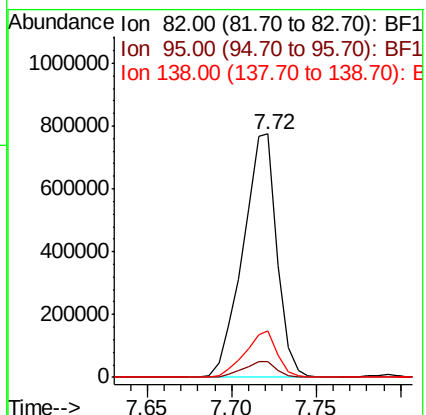
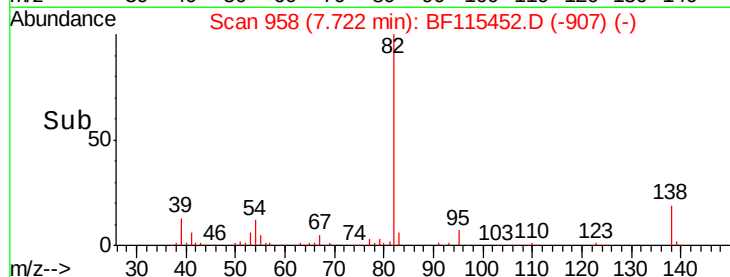
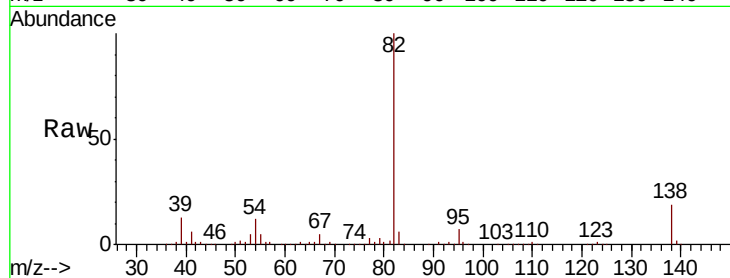
Tot Ion: 82 Resp: 1087893

Ion Ratio Lower Upper

82 100

95 6.7 5.4 8.2

138 18.8 15.1 22.7



#26

2-Nitrophenol

Concen: 54.399 ng

RT: 7.79 min Scan# 970

Delta R.T. -0.00 min

Lab File: BF115452.D

Acq: 10 Jul 2019 13:35

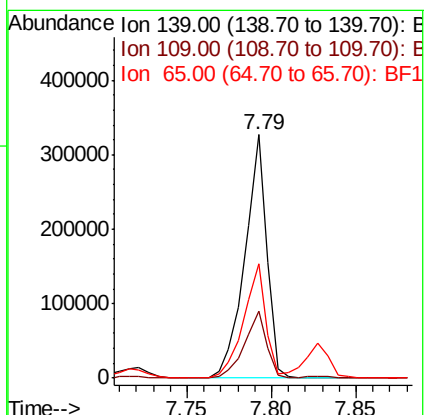
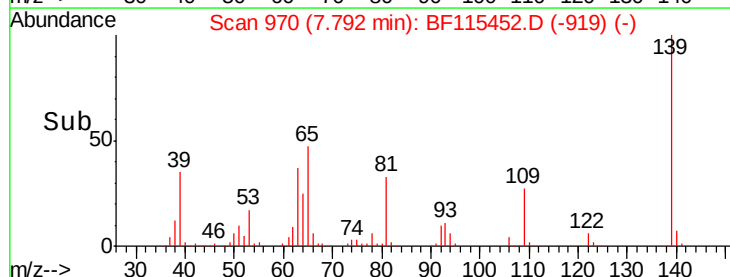
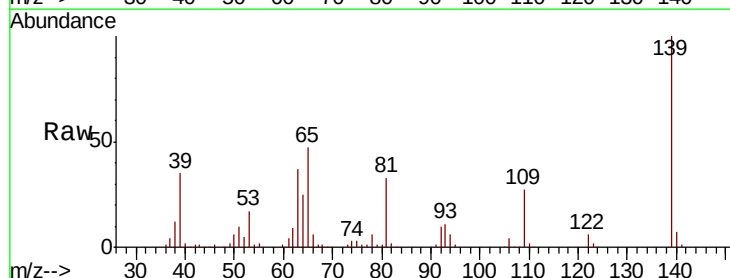
Tgt Ion: 139 Resp: 299032

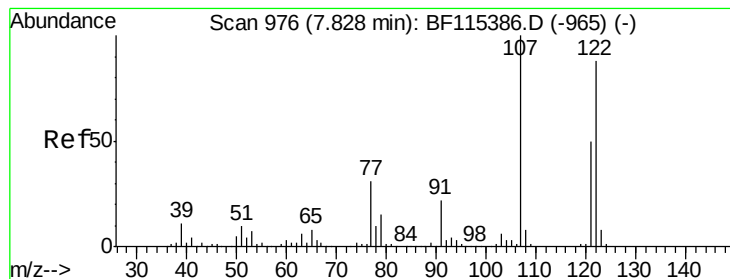
Ion Ratio Lower Upper

139 100

109 27.4 22.2 33.4

65 46.8 37.5 56.3





#27

2,4-Dimethylphenol

Concen: 49.961 ng

RT: 7.83 min Scan# 976

Delta R.T. -0.00 min

Lab File: BF115452.D

Acq: 10 Jul 2019 13:35

Instrument :

BNA_F

ClientSampleId :

PB121133BS

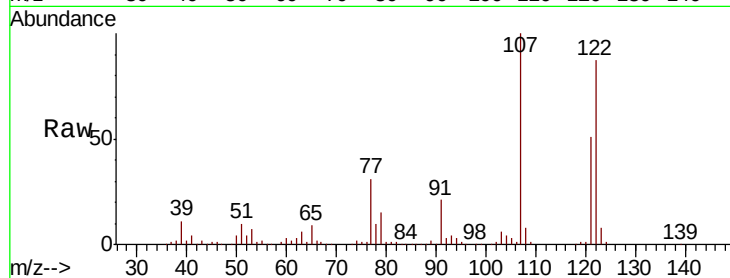
Tot Ion:122 Resp: 523691

Ion Ratio Lower Upper

122 100

107 115.4 91.7 137.5

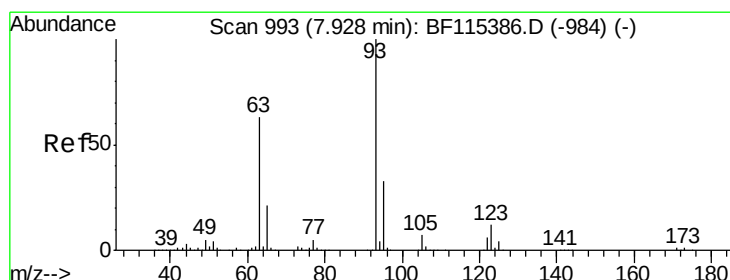
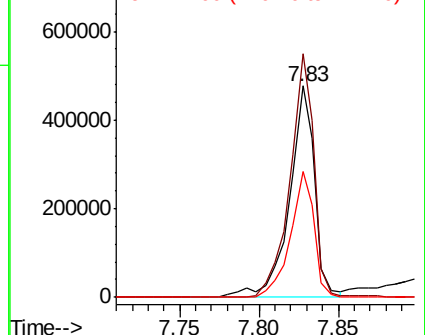
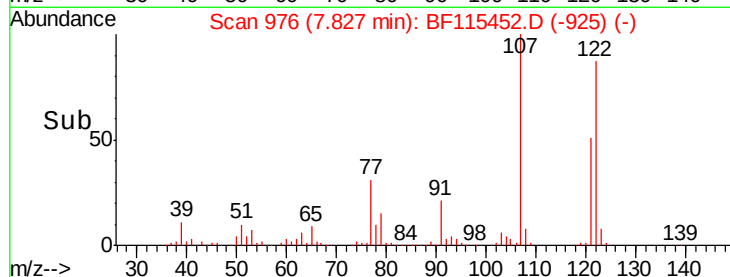
121 59.3 47.7 71.5



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: 42.432 ng

RT: 7.93 min Scan# 993

Delta R.T. -0.00 min

Lab File: BF115452.D

Acq: 10 Jul 2019 13:35

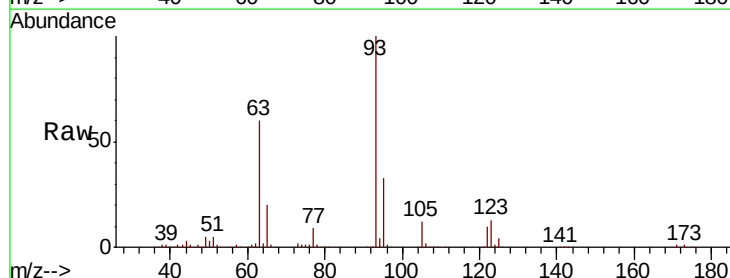
Tgt Ion: 93 Resp: 671452

Ion Ratio Lower Upper

93 100

95 33.0 26.6 39.8

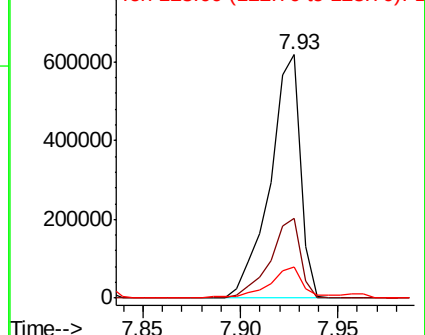
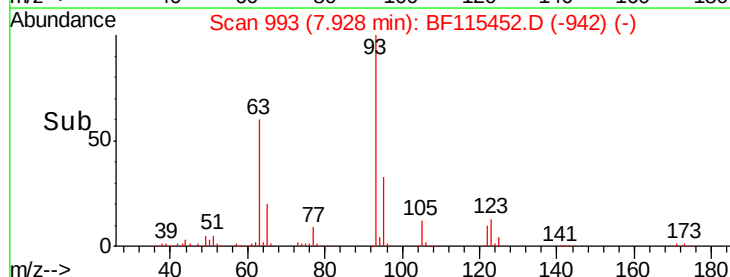
123 12.7 10.4 15.6

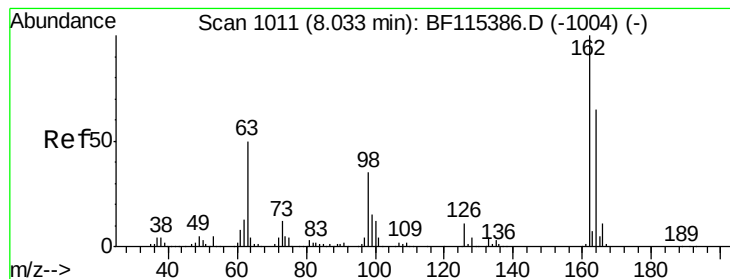


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 45.993 ng

RT: 8.03 min Scan# 1011

Delta R.T. -0.00 min

Lab File: BF115452.D

Acq: 10 Jul 2019 13:35

Instrument :

BNA_F

ClientSampleId :

PB121133BS

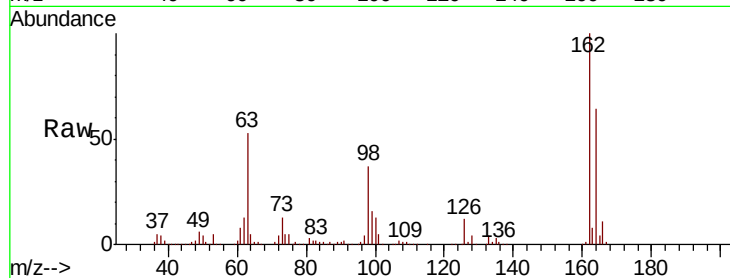
Tot Ion:162 Resp: 480174

Ion Ratio Lower Upper

162 100

164 64.4 45.2 85.2

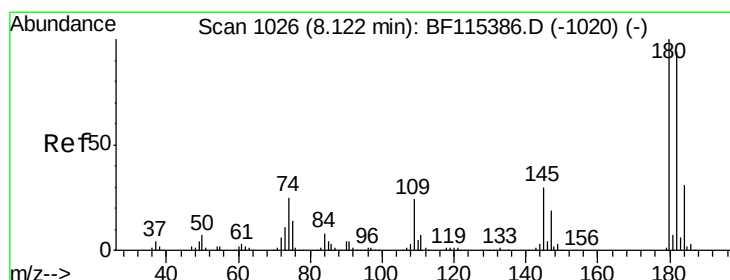
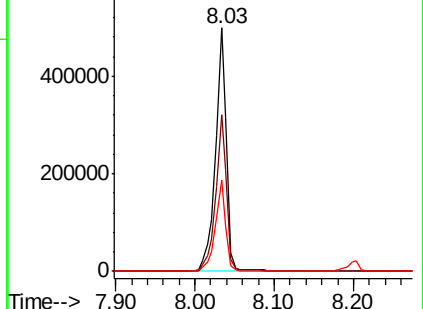
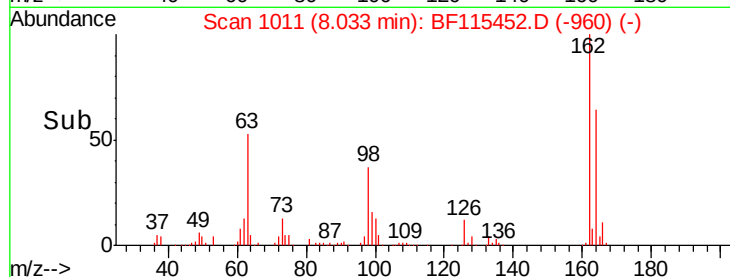
98 37.2 17.0 57.0



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30

1,2,4-Trichlorobenzene

Concen: 44.583 ng

RT: 8.12 min Scan# 1026

Delta R.T. -0.00 min

Lab File: BF115452.D

Acq: 10 Jul 2019 13:35

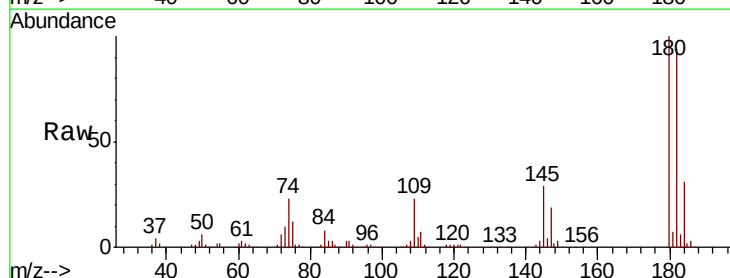
Tgt Ion:180 Resp: 518169

Ion Ratio Lower Upper

180 100

182 94.3 77.1 115.7

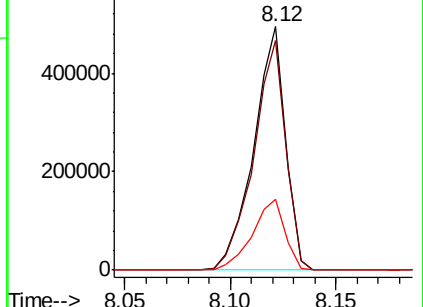
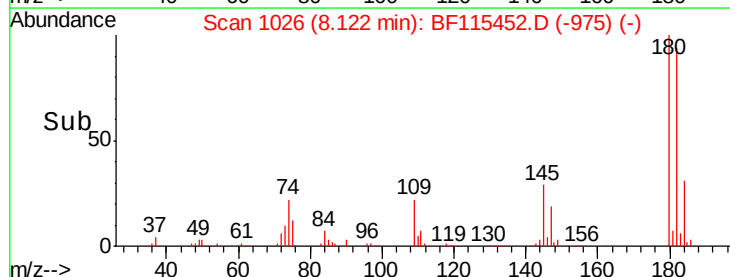
145 29.0 23.9 35.9

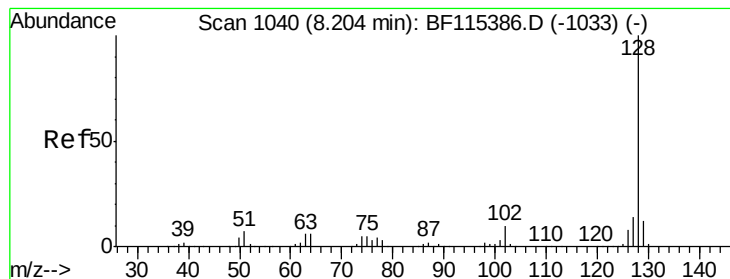


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 44.531 ng

RT: 8.20 min Scan# 1040

Delta R.T. -0.00 min

Lab File: BF115452.D

Acq: 10 Jul 2019 13:35

Instrument :

BNA_F

ClientSampleId :

PB121133BS

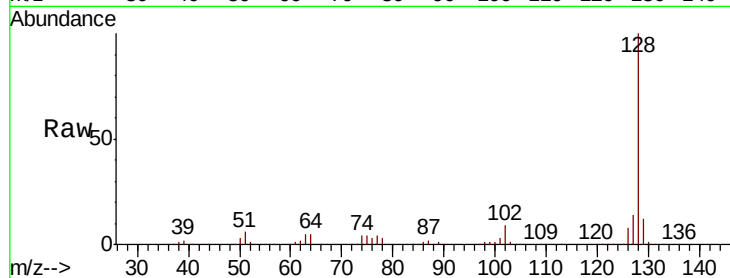
Tot Ion:128 Resp: 1547206

Ion Ratio Lower Upper

128 100

129 11.6 9.3 13.9

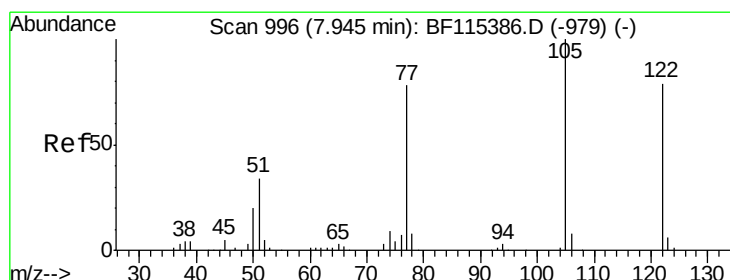
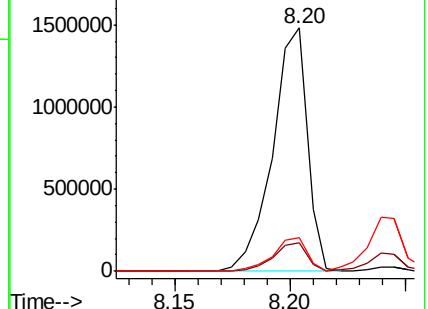
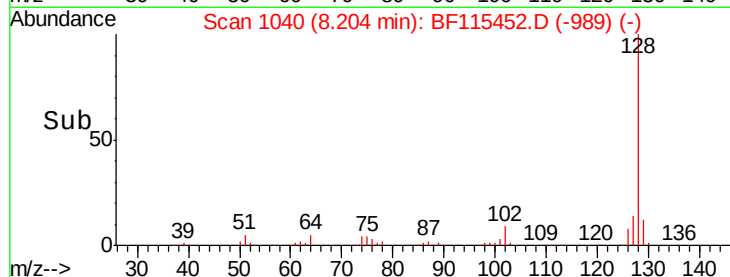
127 13.9 11.1 16.7



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: 49.622 ng

RT: 7.96 min Scan# 999

Delta R.T. 0.02 min

Lab File: BF115452.D

Acq: 10 Jul 2019 13:35

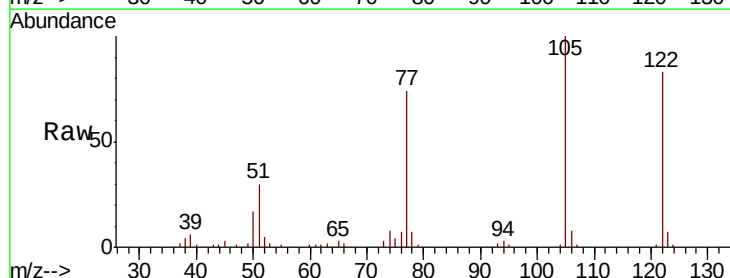
Tgt Ion:122 Resp: 380701

Ion Ratio Lower Upper

122 100

105 121.1 101.6 141.6

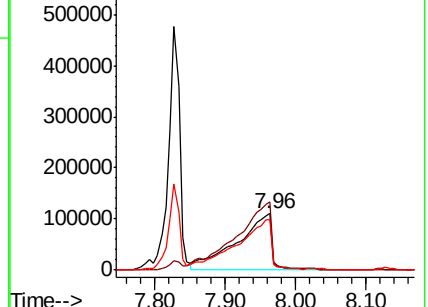
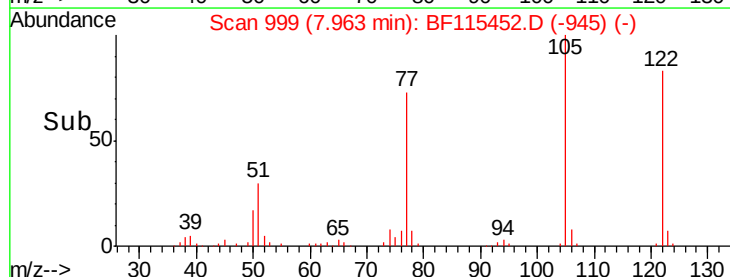
77 89.2 69.1 109.1

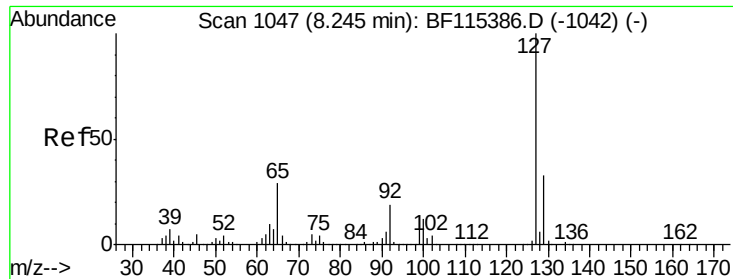


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

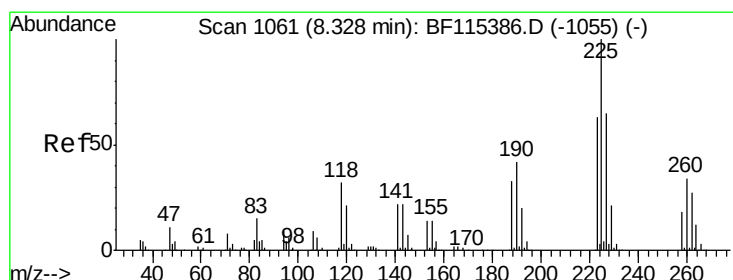
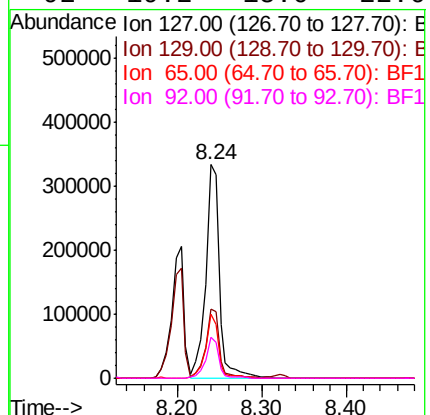
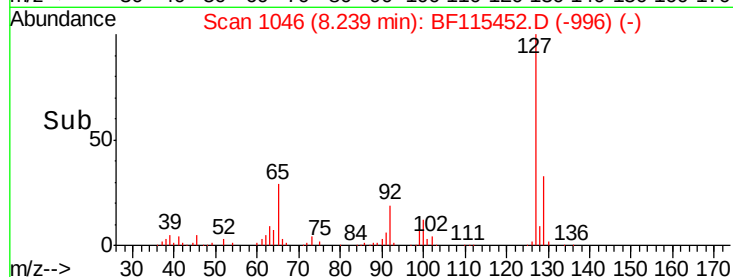
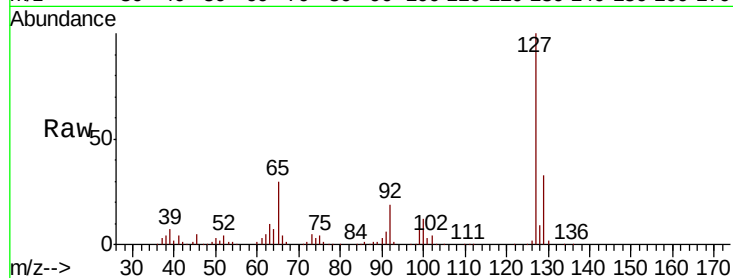




#33
4-Chloroaniline
Concen: 24.218 ng
RT: 8.24 min Scan# 1046
Delta R.T. -0.01 min
Lab File: BF115452.D
Acq: 10 Jul 2019 13:35

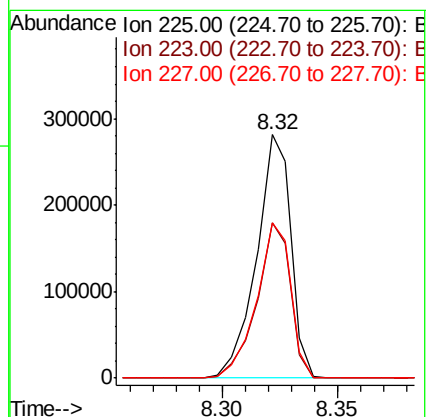
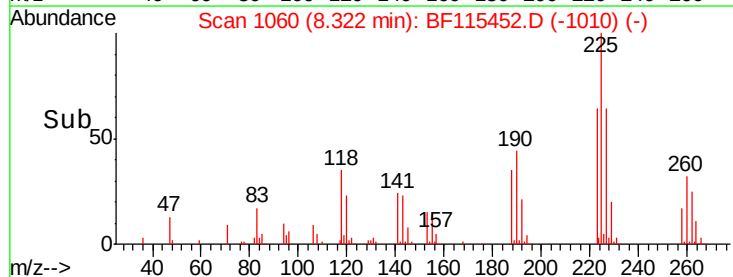
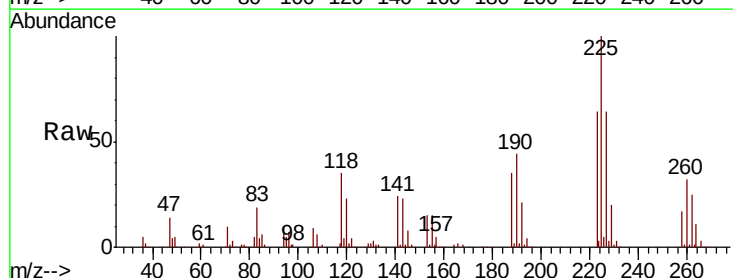
Instrument :
BNA_F
ClientSampleId :
PB121133BS

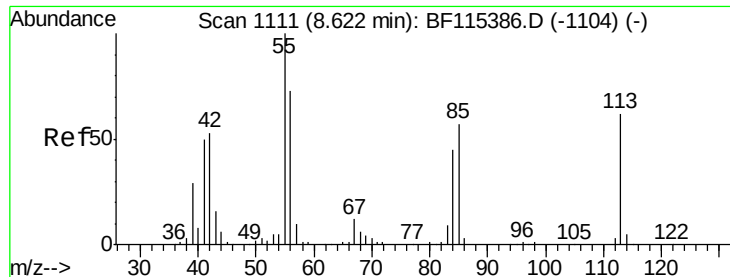
Tot Ion:	127	Resp:	375431
Ion	Ratio	Lower	Upper
127	100		
129	32.6	26.1	39.1
65	30.2	23.2	34.8
92	19.2	15.0	22.6



#34
Hexachlorobutadiene
Concen: 44.219 ng
RT: 8.32 min Scan# 1060
Delta R.T. -0.01 min
Lab File: BF115452.D
Acq: 10 Jul 2019 13:35

Tgt Ion:	225	Resp:	291458
Ion	Ratio	Lower	Upper
225	100		
223	63.6	50.6	76.0
227	63.6	51.4	77.2

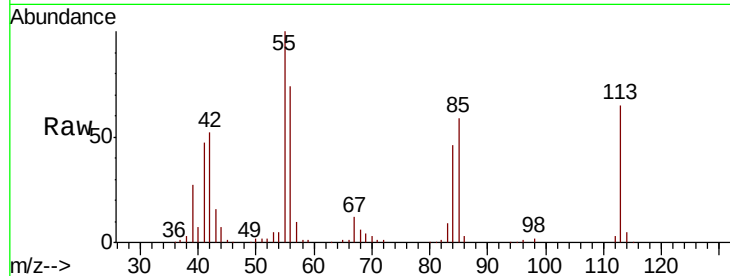




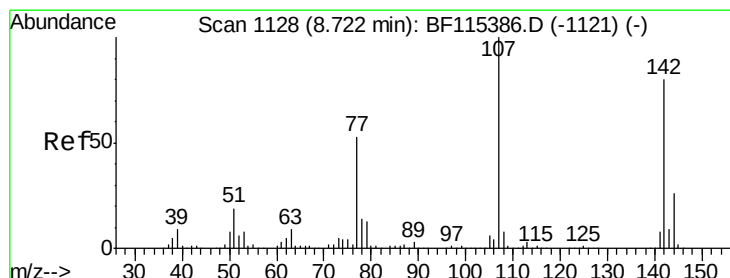
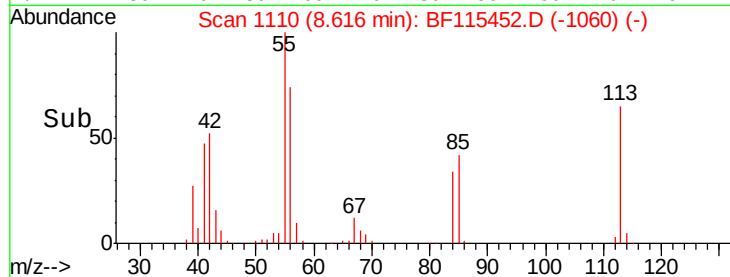
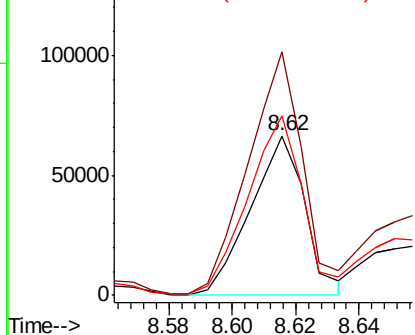
#35
 Caprolactam
 Concen: 23.269 ng
 RT: 8.62 min Scan# 1110
 Delta R.T. -0.01 min
 Lab File: BF115452.D
 Acq: 10 Jul 2019 13:35

Instrument :
 BNA_F
 ClientSampleId :
 PB121133BS

Tot Ion:113 Resp: 79123
 Ion Ratio Lower Upper
 113 100
 55 152.7 138.1 178.1
 56 112.7 95.7 135.7

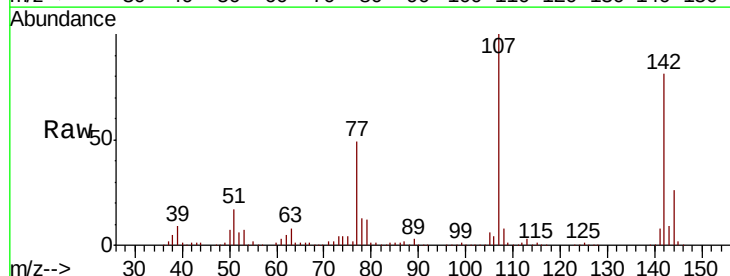


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

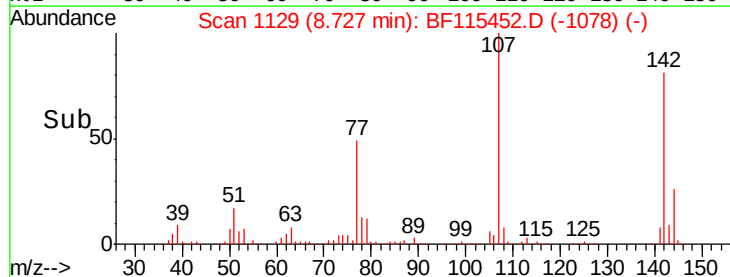
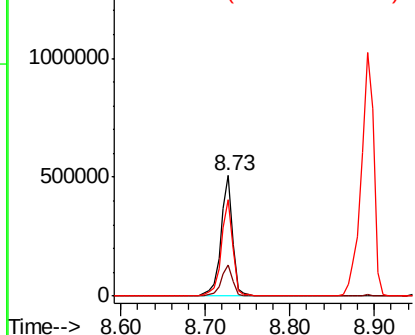


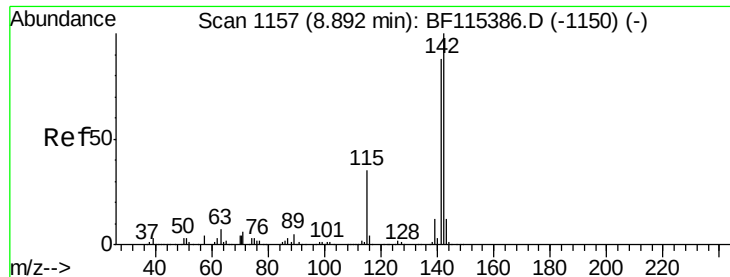
#36
 4-Chloro-3-methylphenol
 Concen: 44.627 ng
 RT: 8.73 min Scan# 1129
 Delta R.T. -0.00 min
 Lab File: BF115452.D
 Acq: 10 Jul 2019 13:35

Tgt Ion:107 Resp: 492815
 Ion Ratio Lower Upper
 107 100
 144 25.6 21.5 32.3
 142 80.6 66.2 99.2



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

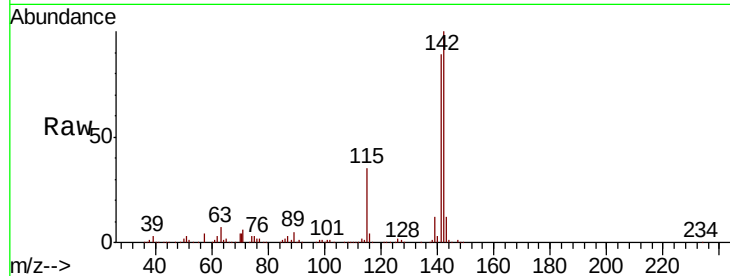




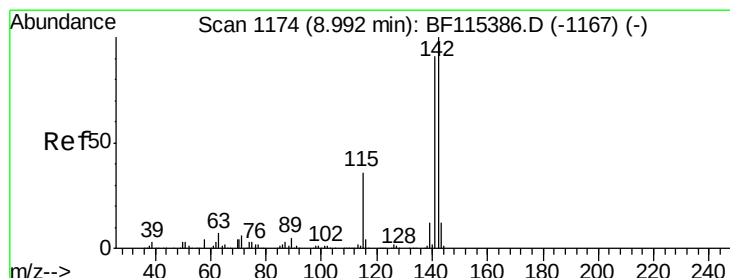
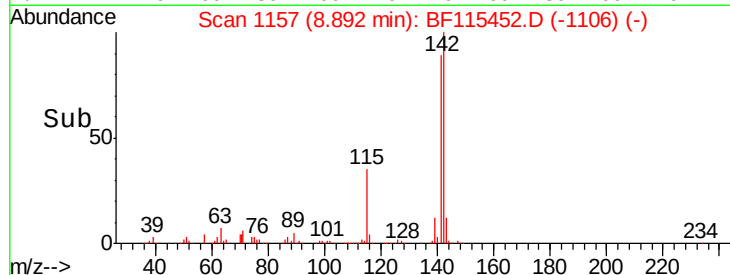
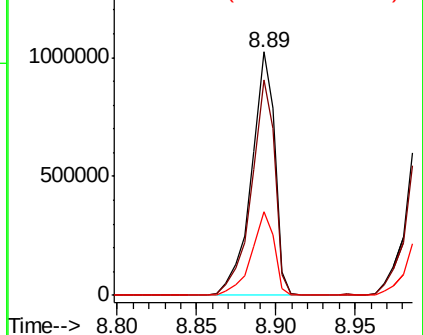
#37
2-Methylnaphthalene
Concen: 45.097 ng
RT: 8.89 min Scan# 1157
Delta R.T. -0.00 min
Lab File: BF115452.D
Acq: 10 Jul 2019 13:35

Instrument :
BNA_F
ClientSampleId :
PB121133BS

Tot Ion:142 Resp: 1047304
Ion Ratio Lower Upper
142 100
141 88.6 72.1 108.1
115 34.6 27.6 41.4

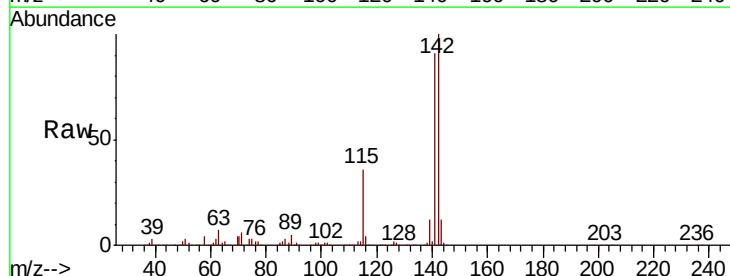


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

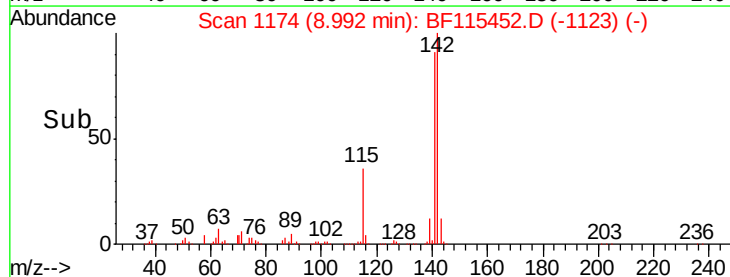
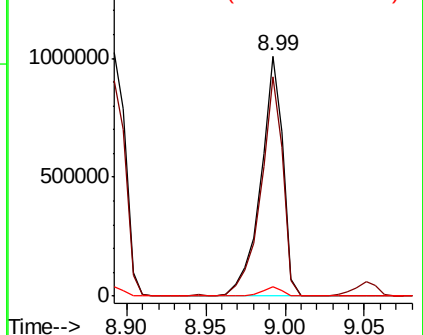


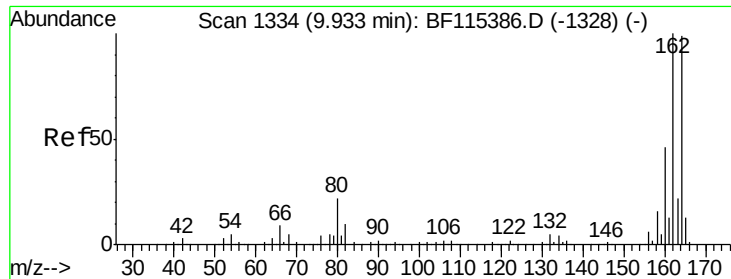
#38
1-Methylnaphthalene
Concen: 44.498 ng
RT: 8.99 min Scan# 1174
Delta R.T. -0.00 min
Lab File: BF115452.D
Acq: 10 Jul 2019 13:35

Tgt Ion:142 Resp: 986001
Ion Ratio Lower Upper
142 100
141 91.0 74.3 111.5
116 3.8 3.1 4.7



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

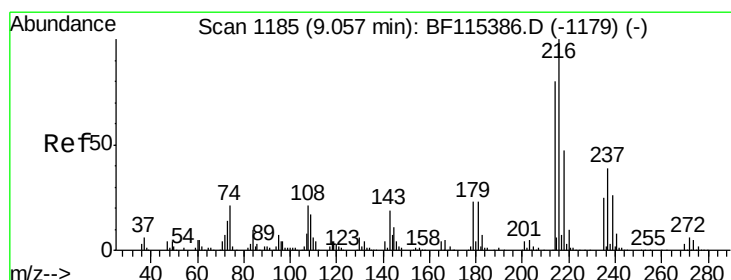
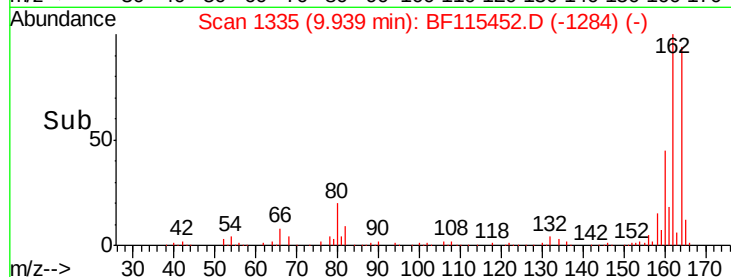
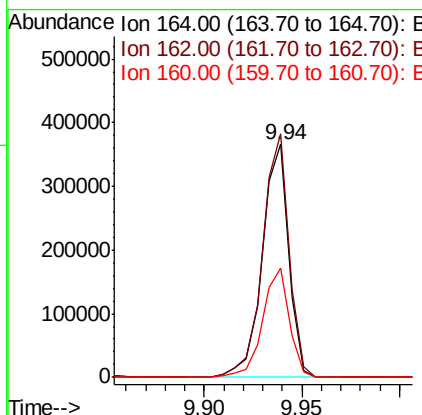
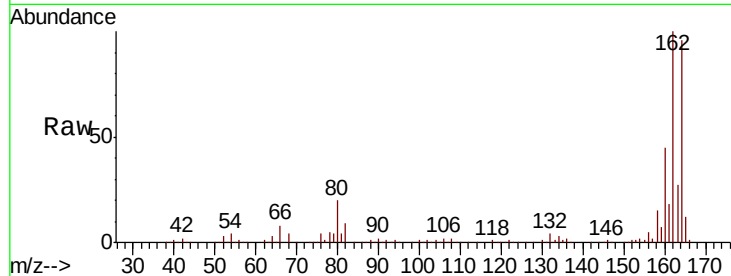




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.94 min Scan# 1335
Delta R.T. -0.00 min
Lab File: BF115452.D
Acq: 10 Jul 2019 13:35

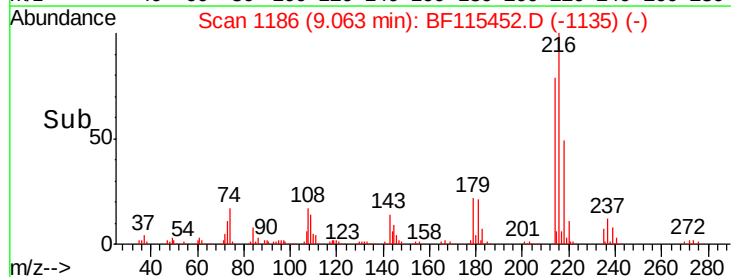
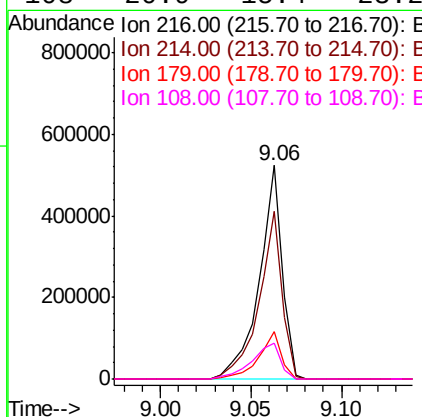
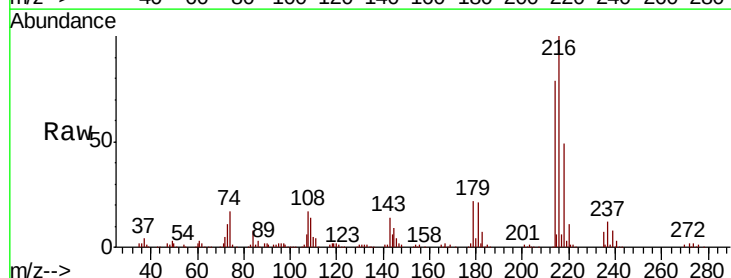
Instrument :
BNA_F
ClientSampleId :
PB121133BS

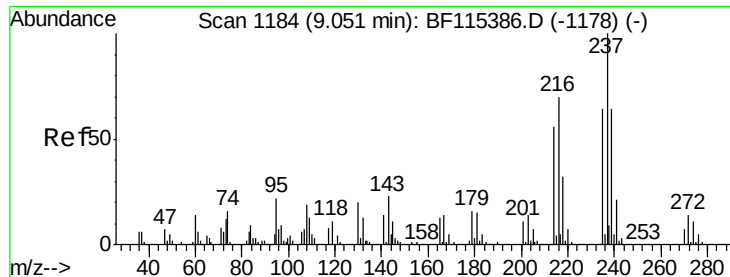
Tot Ion:164 Resp: 342381
Ion Ratio Lower Upper
164 100
162 104.4 82.3 123.5
160 47.1 37.2 55.8



#40
1,2,4,5-Tetrachlorobenzene
Concen: 46.992 ng
RT: 9.06 min Scan# 1186
Delta R.T. -0.00 min
Lab File: BF115452.D
Acq: 10 Jul 2019 13:35

Tgt Ion:216 Resp: 462863
Ion Ratio Lower Upper
216 100
214 78.4 63.0 94.6
179 21.8 17.4 26.0
108 20.9 15.4 23.2

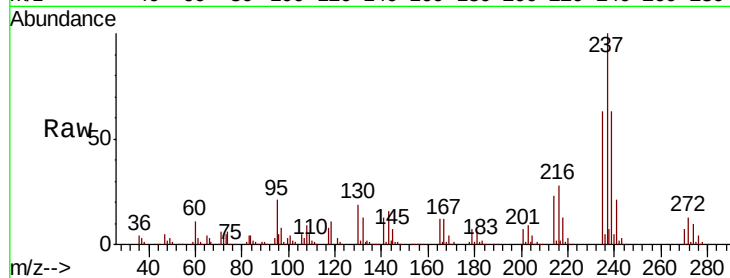




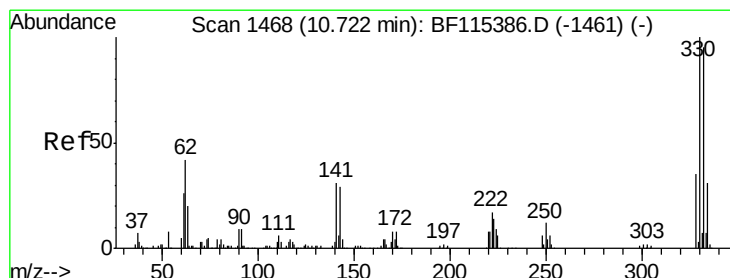
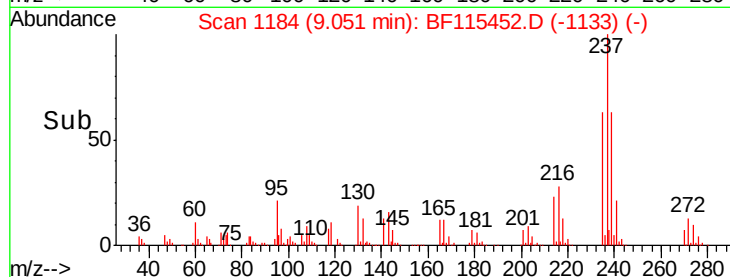
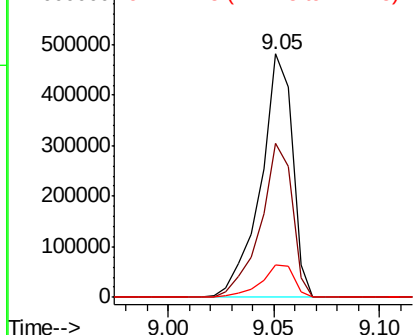
#41
Hexachlorocyclopentadiene
Concen: 88.372 ng
RT: 9.05 min Scan# 1184
Delta R.T. -0.00 min
Lab File: BF115452.D
Acq: 10 Jul 2019 13:35

Instrument :
BNA_F
ClientSampleId :
PB121133BS

Tot Ion:	237	Resp:	504506
Ion Ratio	Lower	Upper	
237	100		
235	63.4	43.4	83.4
272	13.4	0.0	33.6

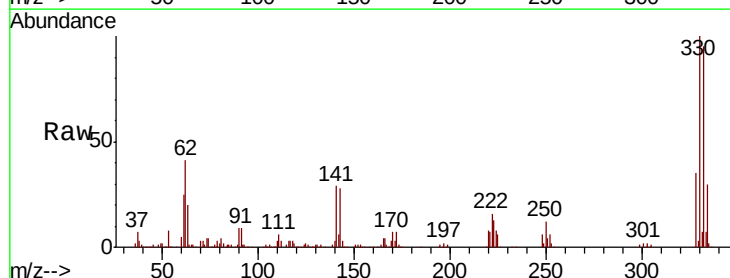


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

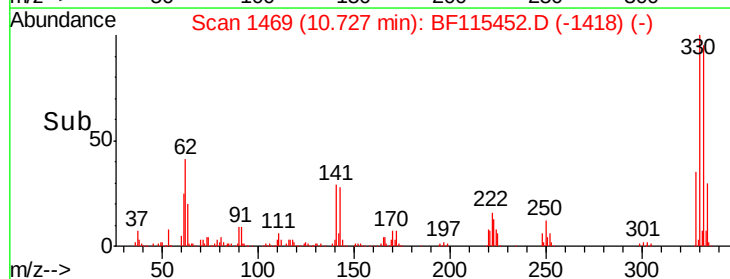
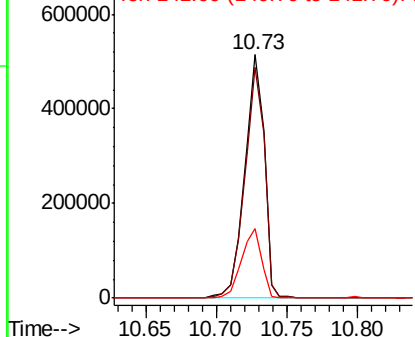


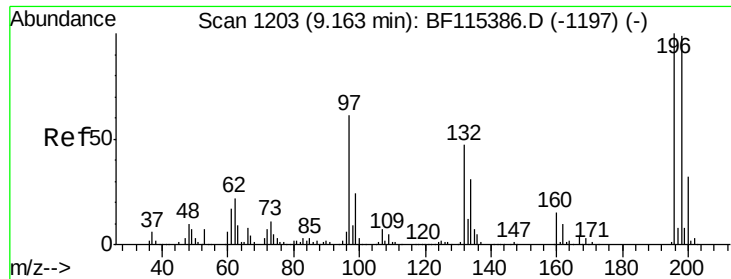
#42
2,4,6-Tribromophenol
Concen: 131.696 ng
RT: 10.73 min Scan# 1469
Delta R.T. -0.00 min
Lab File: BF115452.D
Acq: 10 Jul 2019 13:35

Tgt Ion:	330	Resp:	498547
Ion Ratio	Lower	Upper	
330	100		
332	95.9	77.4	116.0
141	29.8	24.7	37.1



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

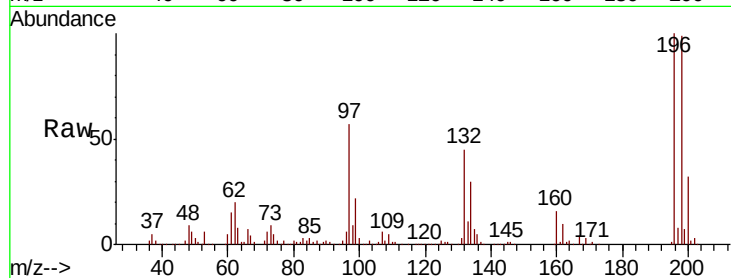




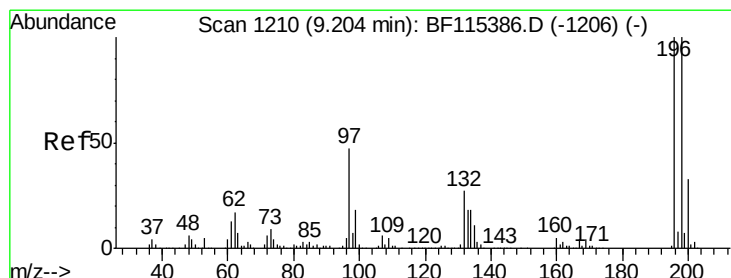
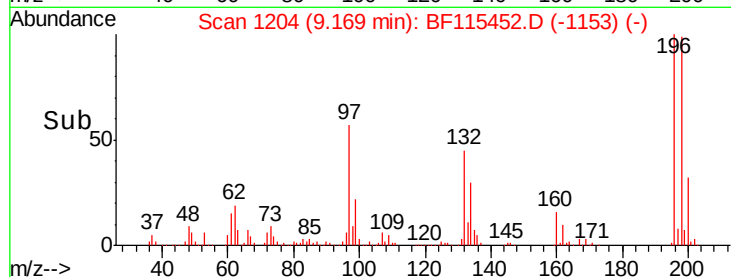
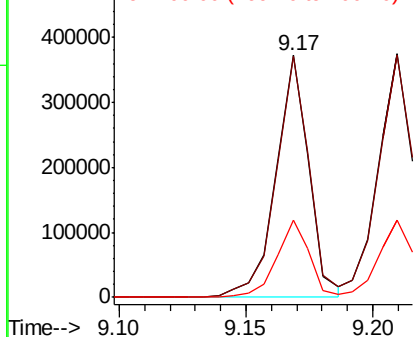
#43
 2,4,6-Trichlorophenol
 Concen: 47.154 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. -0.00 min
 Lab File: BF115452.D
 Acq: 10 Jul 2019 13:35

Instrument :
 BNA_F
 ClientSampleID :
 PB121133BS

Tot Ion:196 Resp: 338136
 Ion Ratio Lower Upper
 196 100
 198 99.4 78.2 117.4
 200 31.8 25.0 37.6



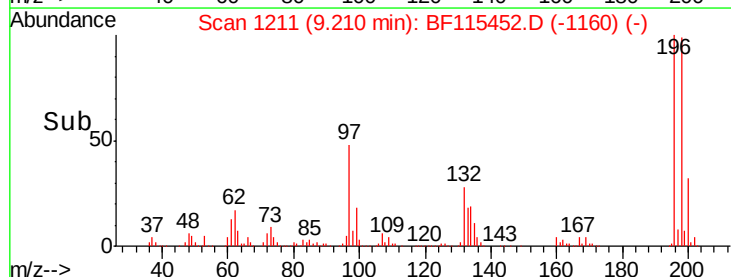
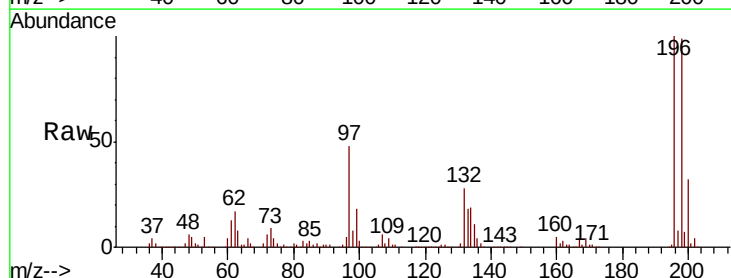
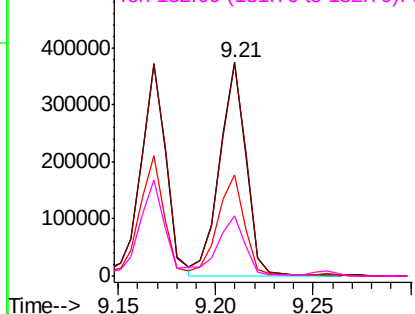
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

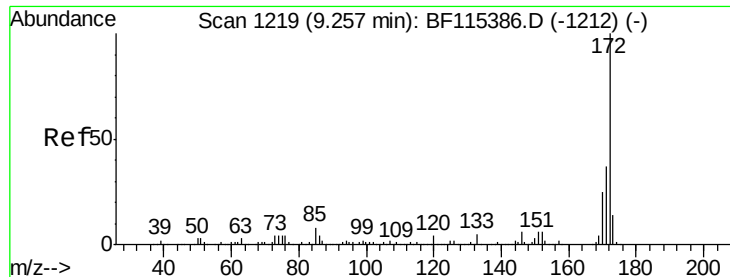


#44
 2,4,5-Trichlorophenol
 Concen: 47.111 ng
 RT: 9.21 min Scan# 1211
 Delta R.T. -0.00 min
 Lab File: BF115452.D
 Acq: 10 Jul 2019 13:35

Tgt Ion:196 Resp: 350301
 Ion Ratio Lower Upper
 196 100
 198 99.4 80.6 120.8
 97 47.6 34.0 51.0
 132 28.2 21.4 32.2

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





#45

2-Fluorobiphenyl

Concen: 93.811 ng

RT: 9.26 min Scan# 1219

Delta R.T. -0.00 min

Lab File: BF115452.D

Acq: 10 Jul 2019 13:35

Instrument :

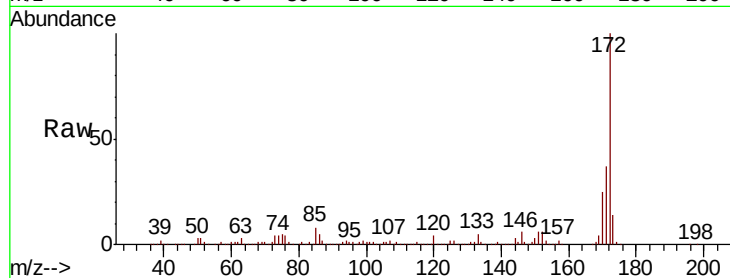
BNA_F

ClientSampleId :

PB121133BS

Tot Ion:172 Resp: 1830408

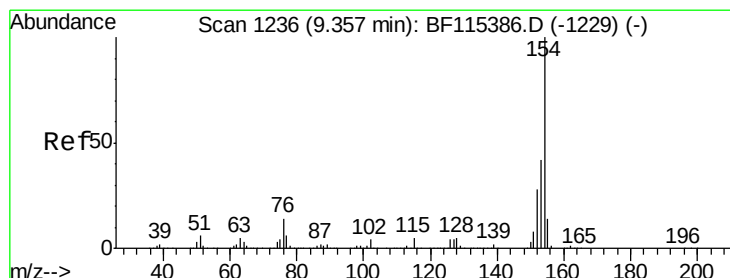
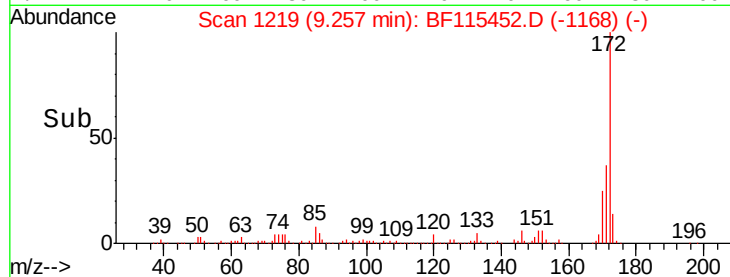
Ion	Ratio	Lower	Upper
172	100		
171	36.9	29.8	44.8
170	24.6	20.0	30.0



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: 46.786 ng

RT: 9.36 min Scan# 1236

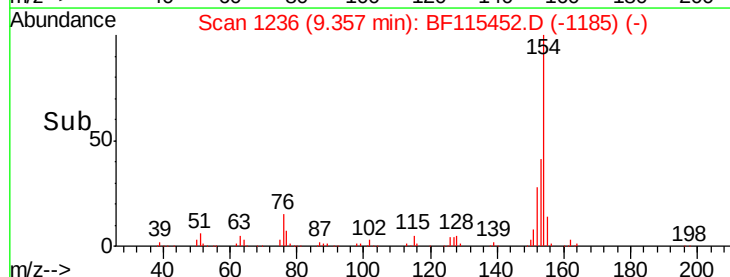
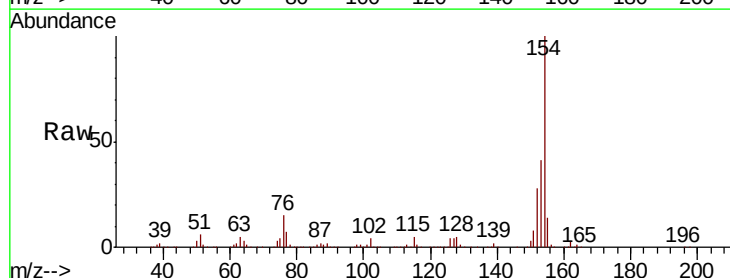
Delta R.T. -0.00 min

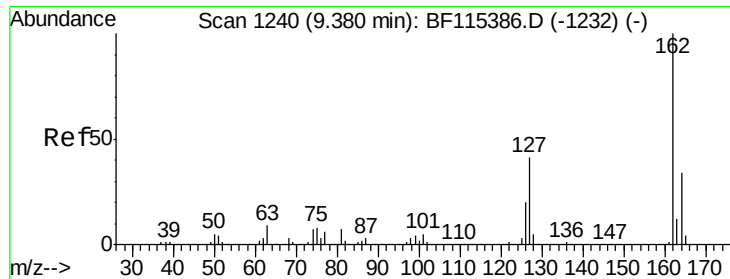
Lab File: BF115452.D

Acq: 10 Jul 2019 13:35

Tgt Ion:154 Resp: 1259293

Ion	Ratio	Lower	Upper
154	100		
153	41.2	21.5	61.5
76	14.7	0.0	34.6

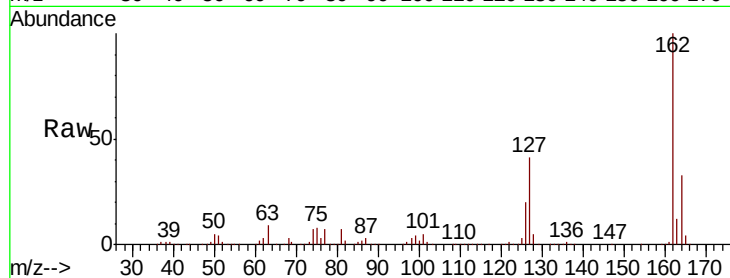




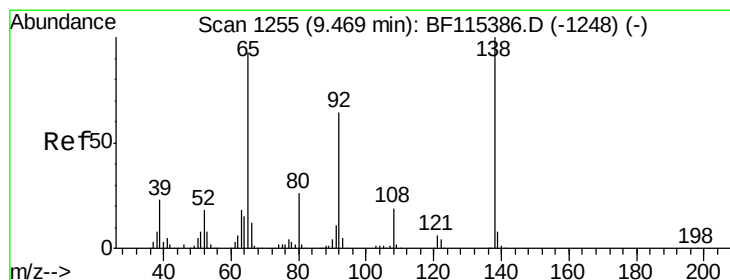
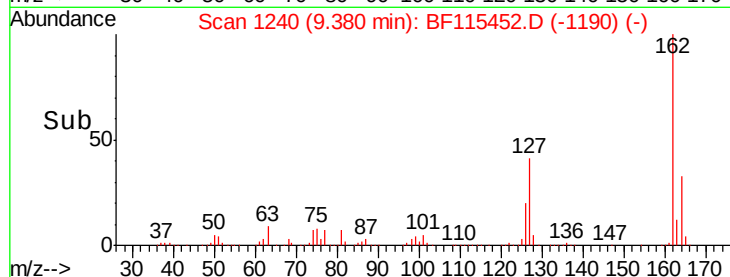
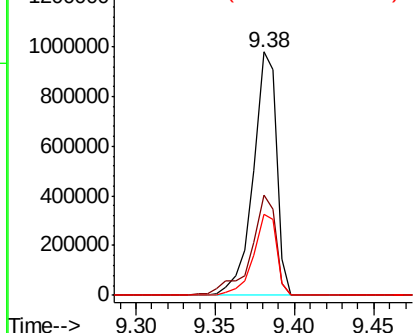
#47
 2-Chloronaphthalene
 Concen: 45.113 ng
 RT: 9.38 min Scan# 1240
 Delta R.T. -0.01 min
 Lab File: BF115452.D
 Acq: 10 Jul 2019 13:35

Instrument :
 BNA_F
 ClientSampleId :
 PB121133BS

Tot Ion:162 Resp: 1003576
 Ion Ratio Lower Upper
 162 100
 127 41.0 31.4 47.0
 164 33.1 27.2 40.8

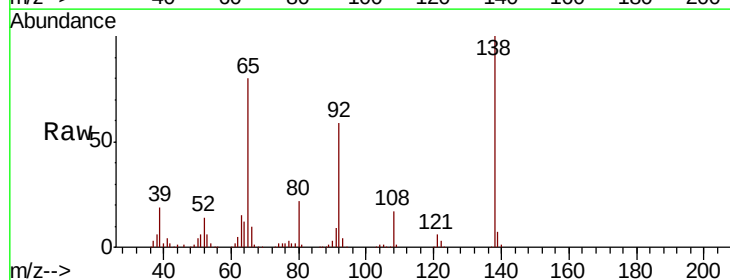


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

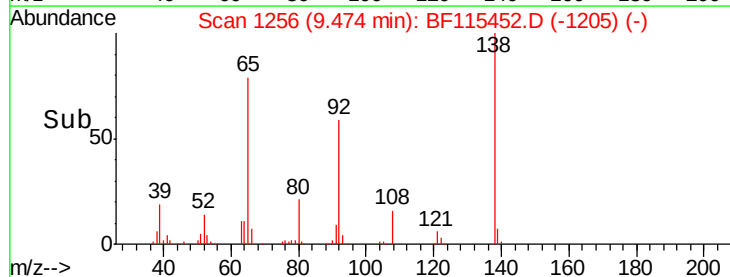
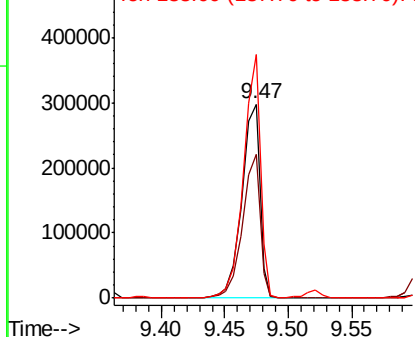


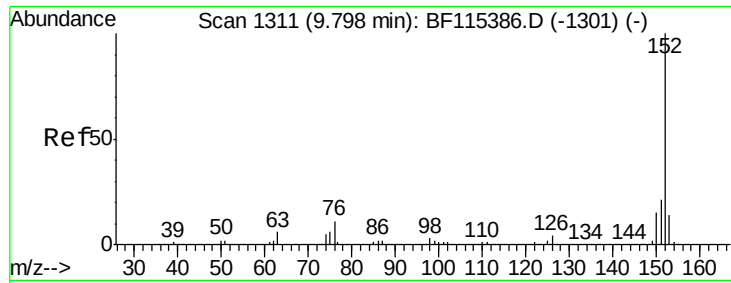
#48
 2-Nitroaniline
 Concen: 45.030 ng
 RT: 9.47 min Scan# 1256
 Delta R.T. -0.00 min
 Lab File: BF115452.D
 Acq: 10 Jul 2019 13:35

Tgt Ion: 65 Resp: 294307
 Ion Ratio Lower Upper
 65 100
 92 73.8 59.0 88.4
 138 125.3 98.3 147.5



Abundance Ion 65.00 (64.70 to 65.70): BF1
 Ion 92.00 (91.70 to 92.70): BF1
 Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 44.659 ng

RT: 9.80 min Scan# 1311

Delta R.T. -0.00 min

Lab File: BF115452.D

Acq: 10 Jul 2019 13:35

Instrument :

BNA_F

ClientSampleId :

PB121133BS

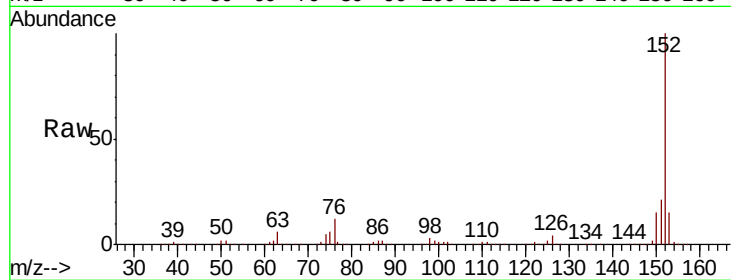
Tot Ion:152 Resp: 1504149

Ion Ratio Lower Upper

152 100

151 20.8 17.1 25.7

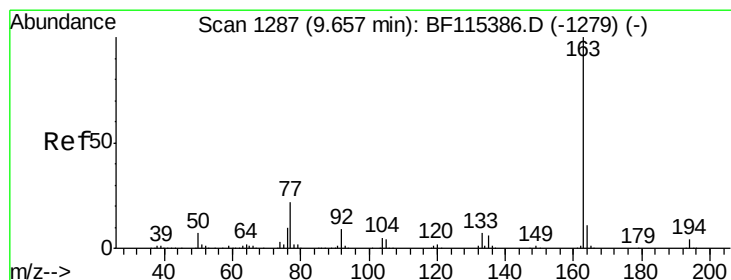
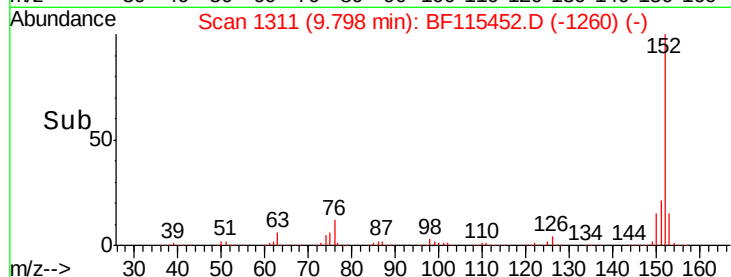
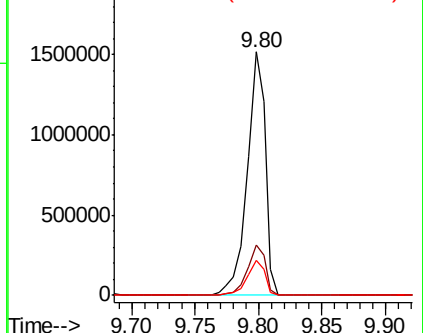
153 14.6 11.8 17.6



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 44.629 ng

RT: 9.66 min Scan# 1287

Delta R.T. -0.00 min

Lab File: BF115452.D

Acq: 10 Jul 2019 13:35

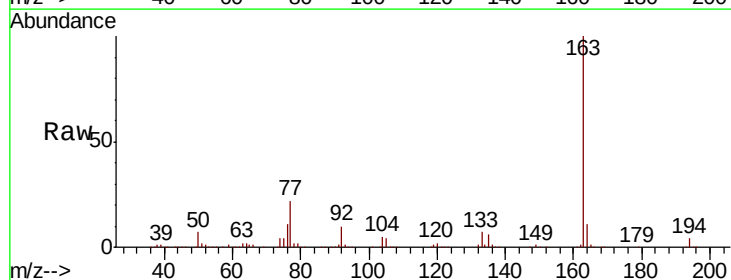
Tgt Ion:163 Resp: 1146876

Ion Ratio Lower Upper

163 100

194 3.9 3.1 4.7

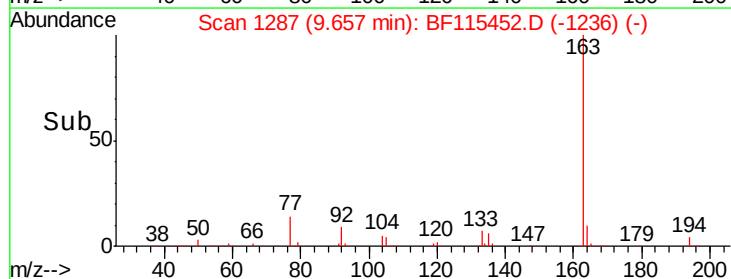
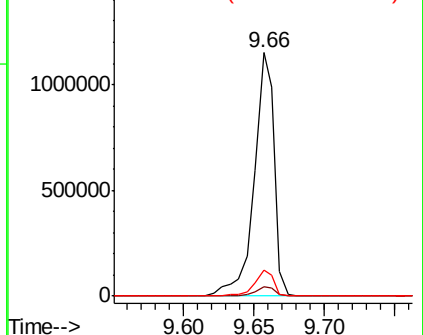
164 10.8 8.6 13.0

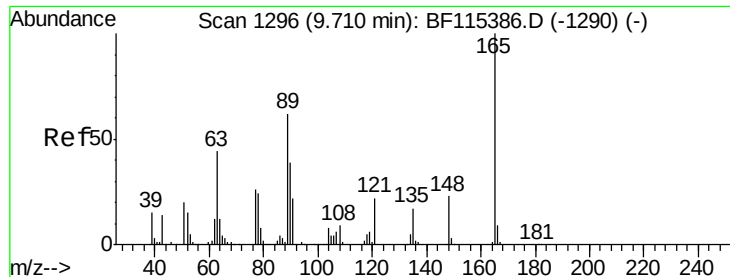


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 47.830 ng

RT: 9.72 min Scan# 1297

Delta R.T. -0.00 min

Lab File: BF115452.D

Acq: 10 Jul 2019 13:35

Instrument :

BNA_F

ClientSampleId :

PB121133BS

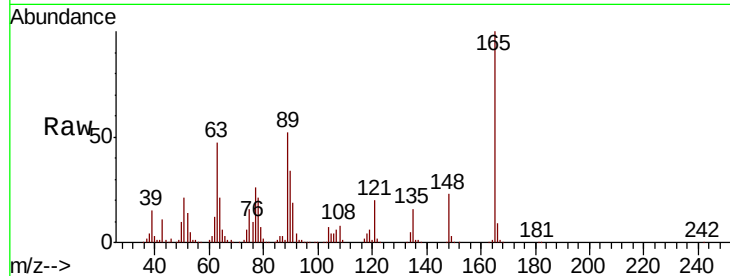
Tot Ion:165 Resp: 266574

Ion Ratio Lower Upper

165 100

63 47.1 39.7 59.5

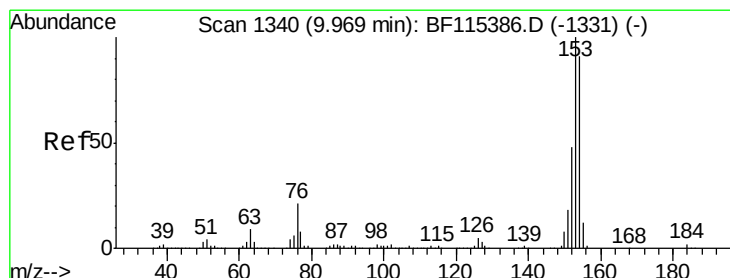
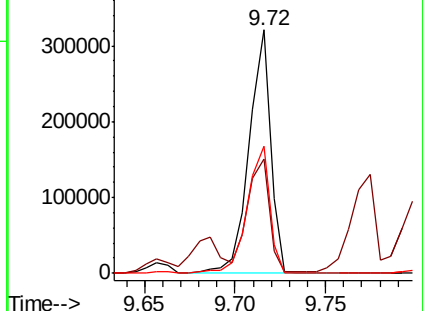
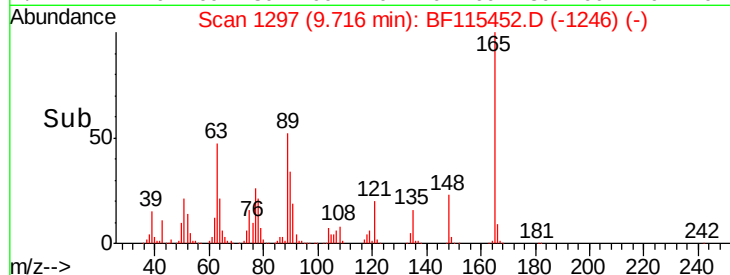
89 52.0 42.8 64.2



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1



#52

Acenaphthene

Concen: 49.429 ng

RT: 9.97 min Scan# 1341

Delta R.T. -0.00 min

Lab File: BF115452.D

Acq: 10 Jul 2019 13:35

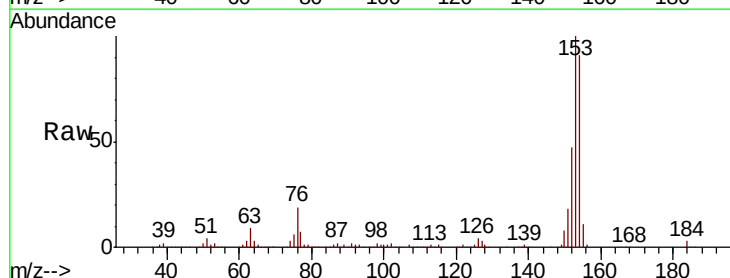
Tgt Ion:154 Resp: 1047764

Ion Ratio Lower Upper

154 100

153 109.4 89.8 134.8

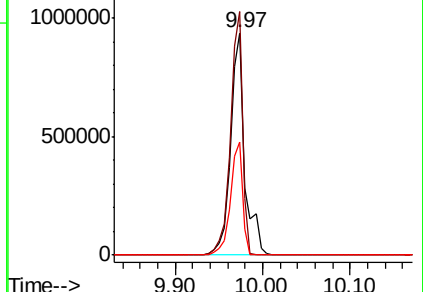
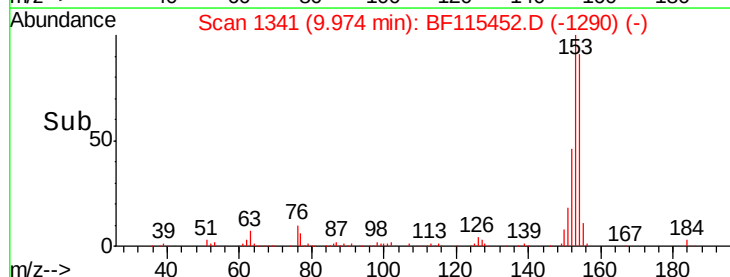
152 51.0 41.4 62.0

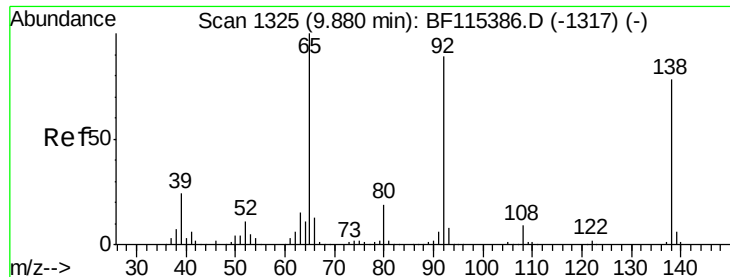


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

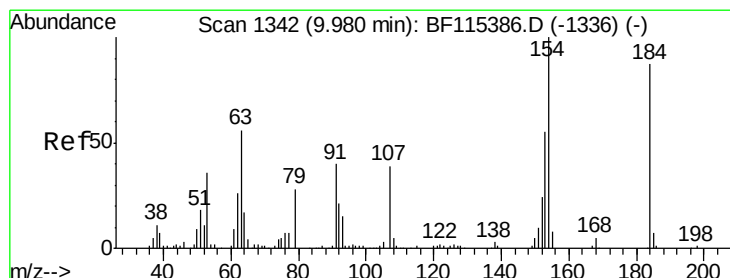
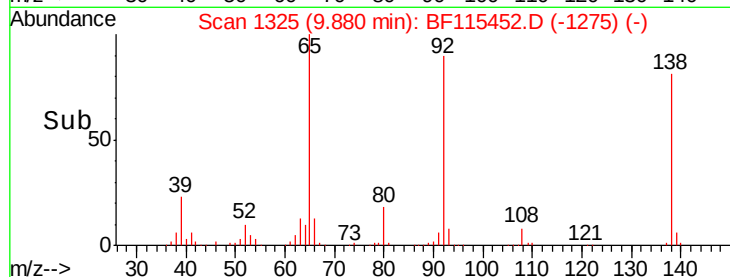
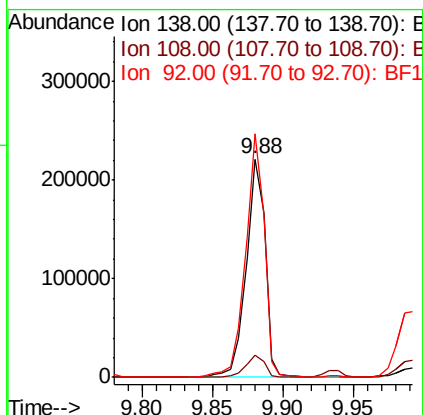
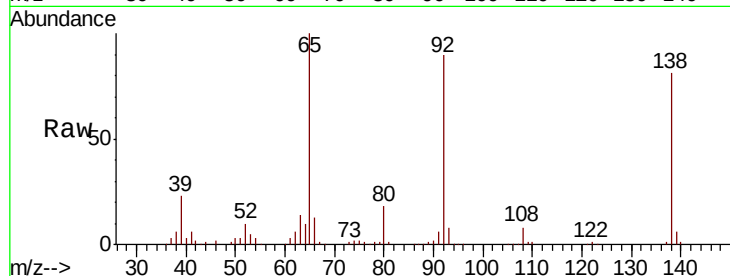




#53
3-Nitroaniline
Concen: 32.177 ng
RT: 9.88 min Scan# 1325
Delta R.T. -0.01 min
Lab File: BF115452.D
Acq: 10 Jul 2019 13:35

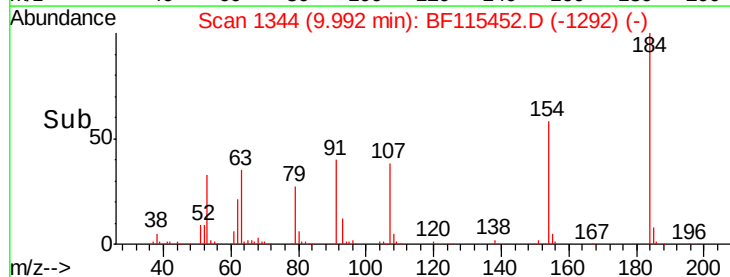
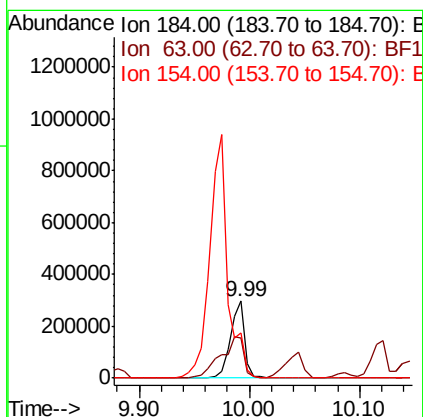
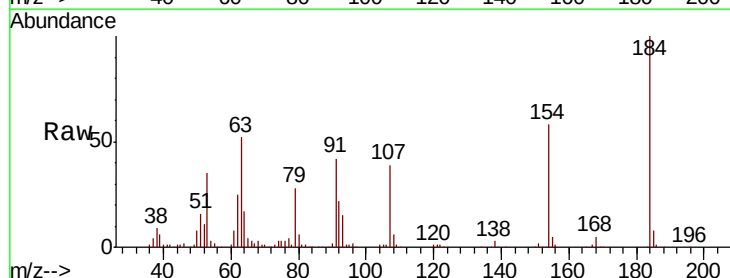
Instrument :
BNA_F
ClientSampleId :
PB121133BS

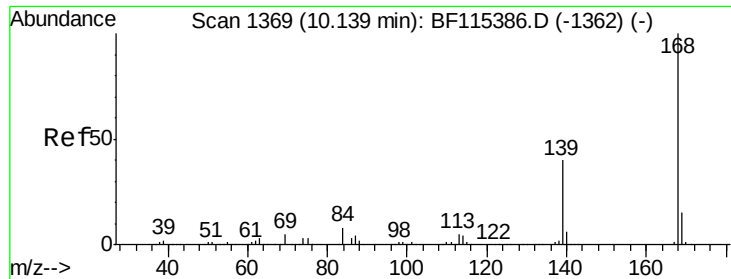
Tot Ion:138 Resp: 208285
Ion Ratio Lower Upper
138 100
108 10.2 8.5 12.7
92 111.6 86.1 129.1



#54
2,4-Dinitrophenol
Concen: 108.031 ng
RT: 9.99 min Scan# 1344
Delta R.T. 0.01 min
Lab File: BF115452.D
Acq: 10 Jul 2019 13:35

Tgt Ion:184 Resp: 269013
Ion Ratio Lower Upper
184 100
63 51.5 45.8 68.6
154 57.9 52.8 79.2

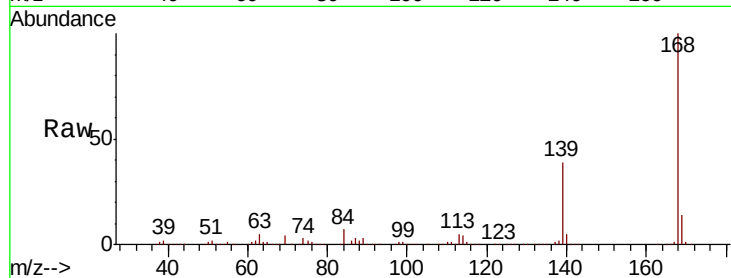




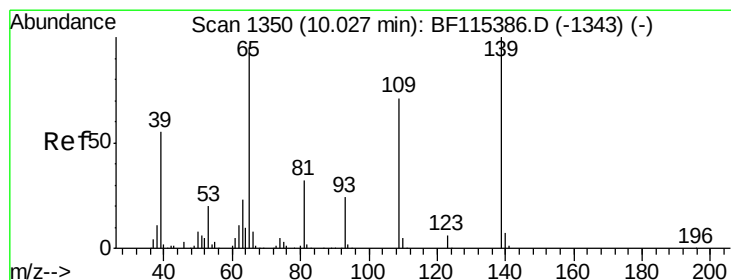
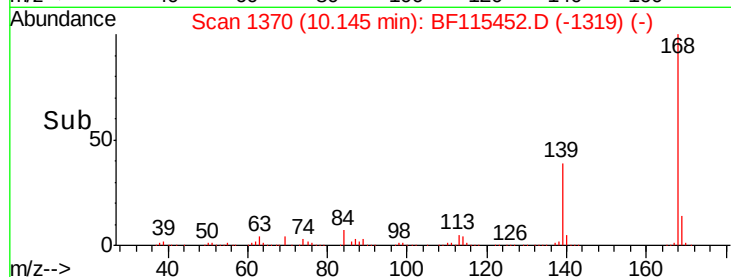
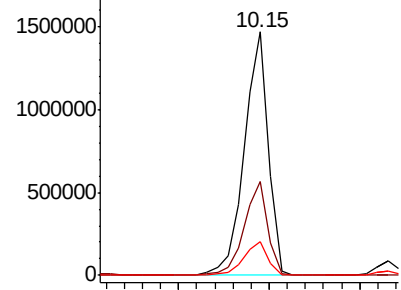
#55
Dibenzenofuran
Concen: 45.231 ng
RT: 10.15 min Scan# 1370
Delta R.T. -0.00 min
Lab File: BF115452.D
Acq: 10 Jul 2019 13:35

Instrument :
BNA_F
ClientSampleId :
PB121133BS

Tot Ion:168 Resp: 1350579
Ion Ratio Lower Upper
168 100
139 38.7 30.6 46.0
169 13.7 11.0 16.6

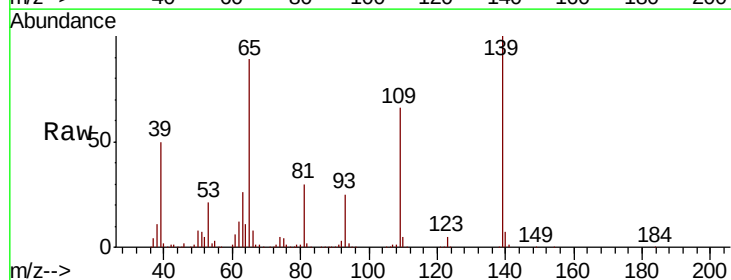


Abundance Ion 168.00 (167.70 to 168.70): E
2000000
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

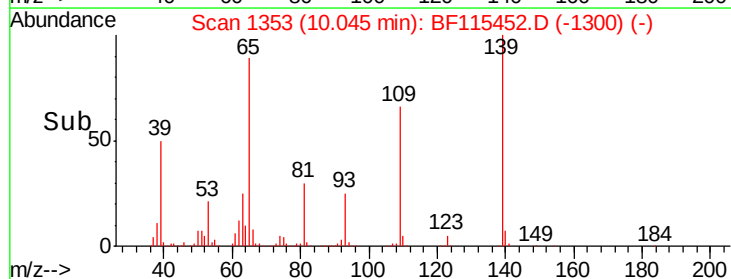
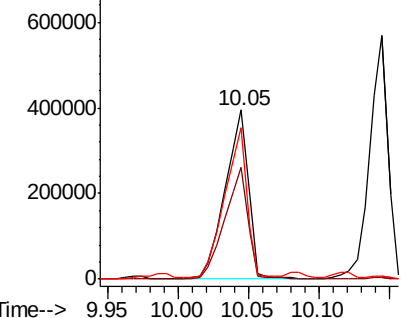


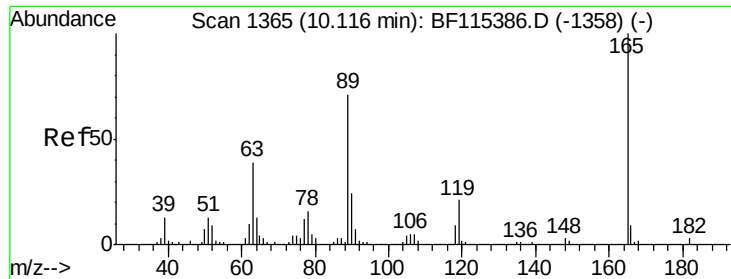
#56
4-Nitrophenol
Concen: 90.419 ng
RT: 10.05 min Scan# 1353
Delta R.T. 0.01 min
Lab File: BF115452.D
Acq: 10 Jul 2019 13:35

Tgt Ion:139 Resp: 452832
Ion Ratio Lower Upper
139 100
109 66.2 46.4 86.4
65 89.4 73.4 113.4



Abundance Ion 139.00 (138.70 to 139.70): E
600000
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1

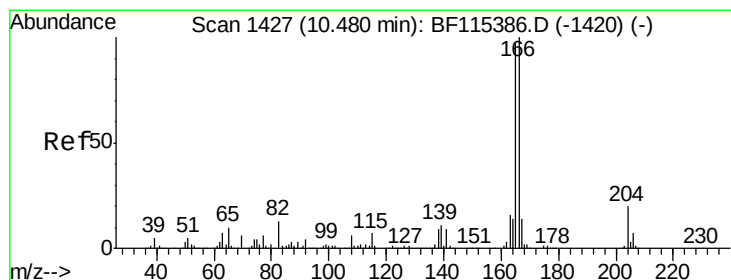
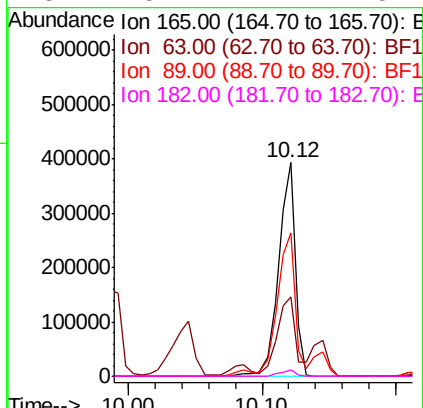
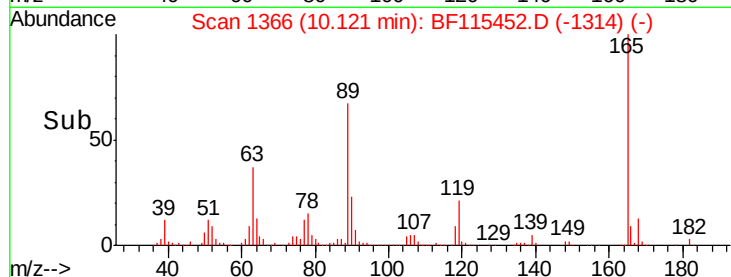
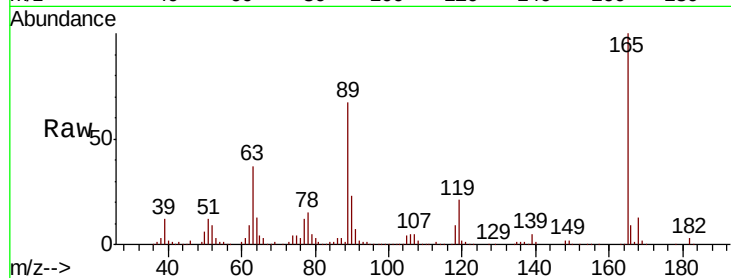




#57
2,4-Dinitrotoluene
Concen: 49.311 ng
RT: 10.12 min Scan# 1366
Delta R.T. 0.01 min
Lab File: BF115452.D
Acq: 10 Jul 2019 13:35

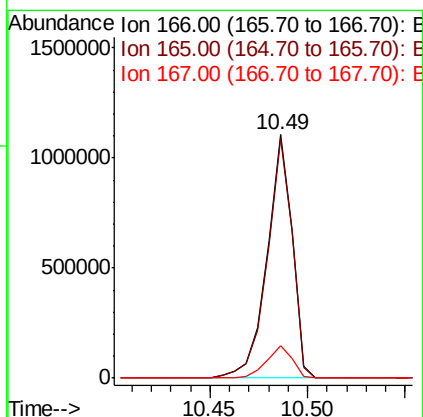
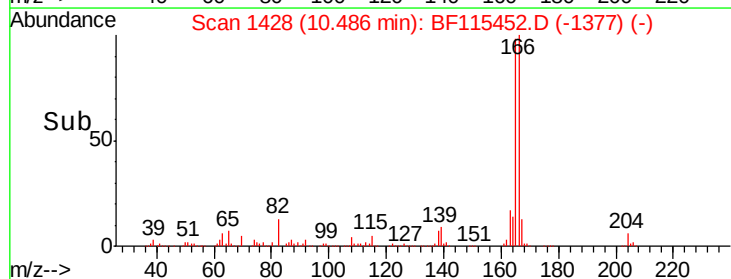
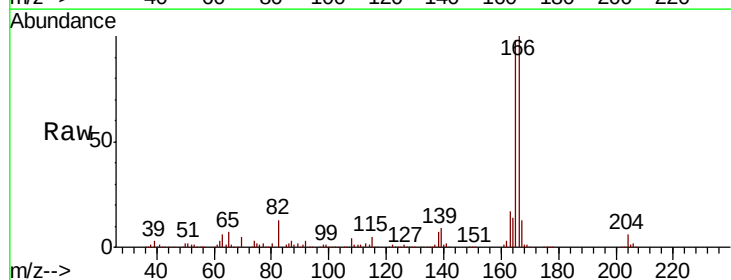
Instrument :
BNA_F
ClientSampleId :
PB121133BS

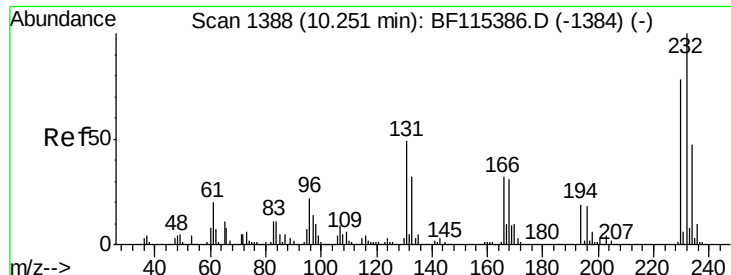
Tot Ion	Ratio	Lower	Upper
165	100		
63	36.9	33.0	49.4
89	66.9	58.5	87.7
182	3.1	2.1	3.1



#58
Fluorene
Concen: 41.848 ng
RT: 10.49 min Scan# 1428
Delta R.T. -0.00 min
Lab File: BF115452.D
Acq: 10 Jul 2019 13:35

Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.3	78.7	118.1
167	13.4	10.8	16.2

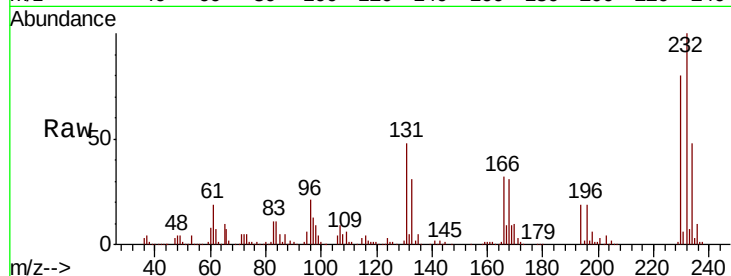




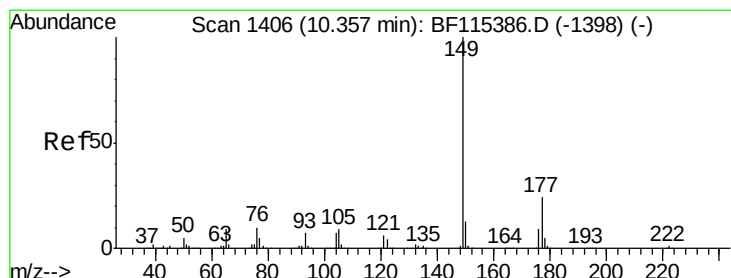
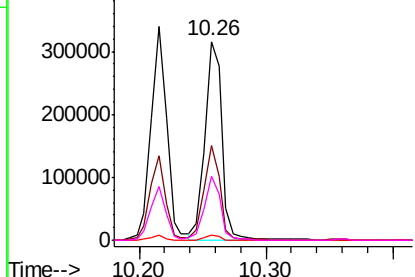
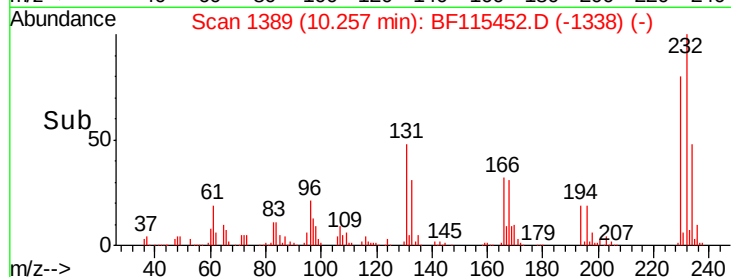
#59
2,3,4,6-Tetrachlorophenol
Concen: 46.051 ng
RT: 10.26 min Scan# 1389
Delta R.T. -0.00 min
Lab File: BF115452.D
Acq: 10 Jul 2019 13:35

Instrument :
BNA_F
ClientSampleId :
PB121133BS

Tot Ion:232 Resp: 295810
Ion Ratio Lower Upper
232 100
131 45.1 35.4 53.0
130 2.2 1.7 2.5
166 30.6 24.8 37.2

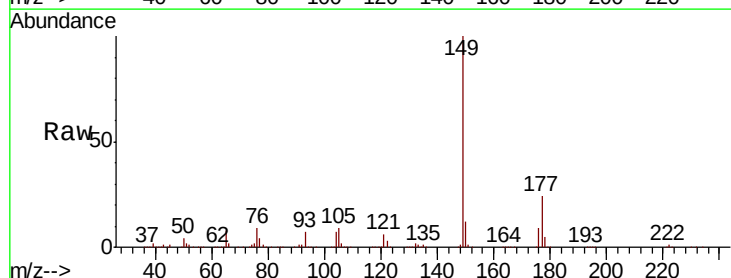


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

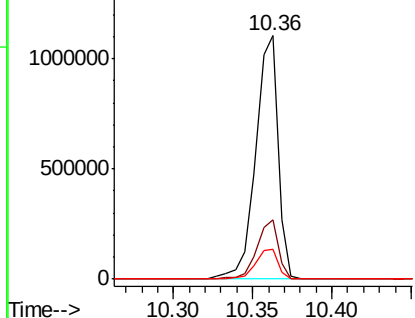
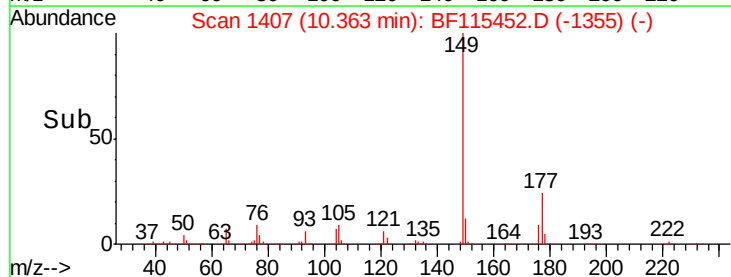


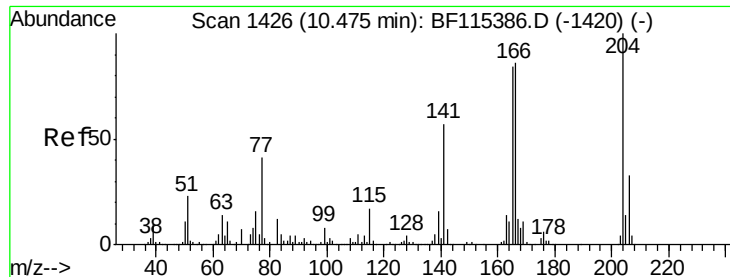
#60
Diethylphthalate
Concen: 43.164 ng
RT: 10.36 min Scan# 1407
Delta R.T. 0.01 min
Lab File: BF115452.D
Acq: 10 Jul 2019 13:35

Tgt Ion:149 Resp: 1091802
Ion Ratio Lower Upper
149 100
177 24.3 19.0 28.4
150 12.4 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

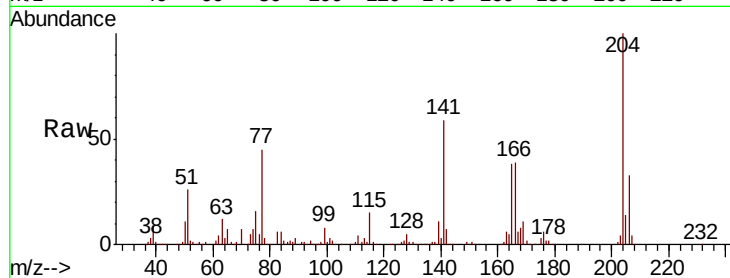




#61
4-Chlorophenyl-phenylether
Concen: 44.178 ng
RT: 10.47 min Scan# 1426
Delta R.T. -0.00 min
Lab File: BF115452.D
Acq: 10 Jul 2019 13:35

Instrument :
BNA_F
ClientSampleId :
PB121133BS

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.6	26.8	40.2
141	58.9	47.9	71.9

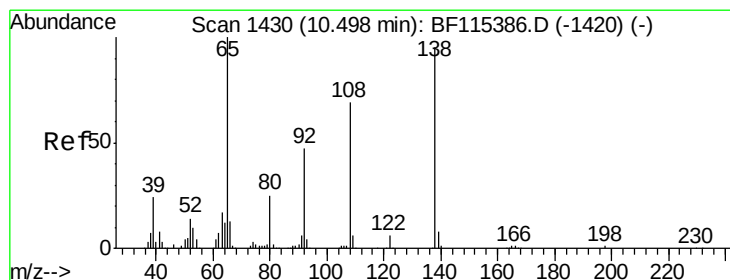
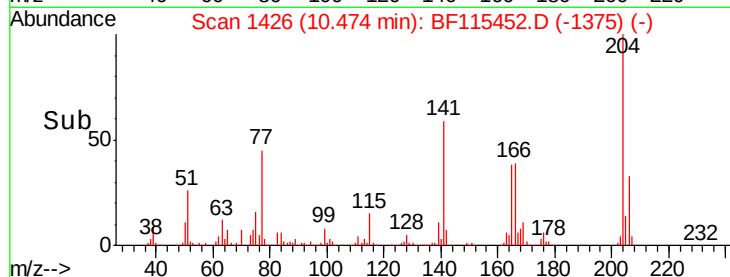
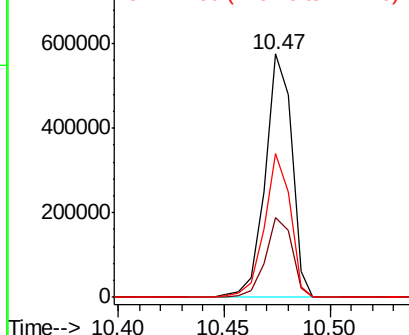


Abundance

Ion 204.00 (203.70 to 204.70): E

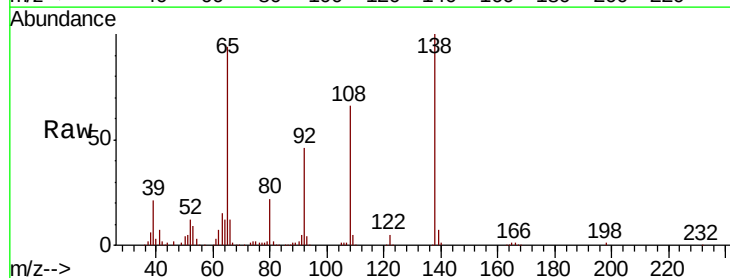
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62
4-Nitroaniline
Concen: 43.755 ng
RT: 10.50 min Scan# 1431
Delta R.T. 0.01 min
Lab File: BF115452.D
Acq: 10 Jul 2019 13:35

Tgt Ion	Ratio	Lower	Upper
138	100		
92	45.8	29.9	69.9
108	65.6	49.0	89.0

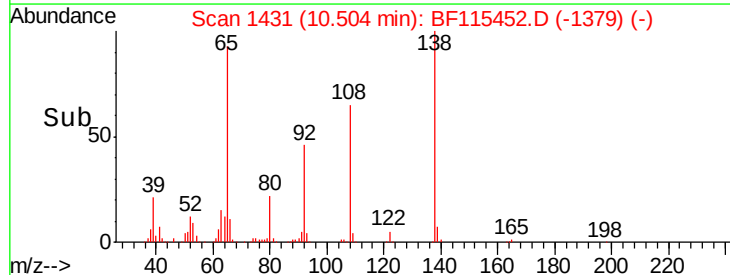
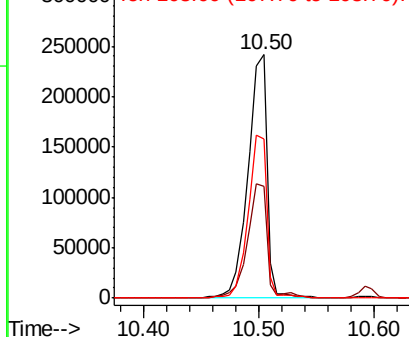


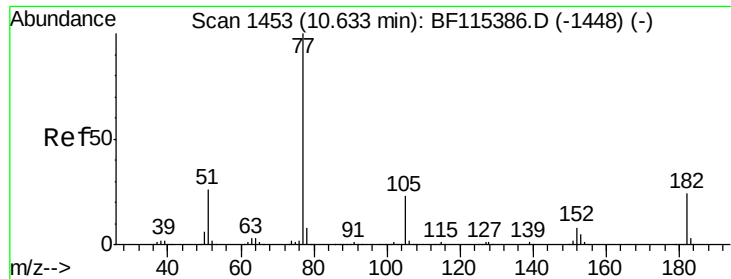
Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF1

Ion 108.00 (107.70 to 108.70): E





#63

Azobenzene

Concen: 41.856 ng

RT: 10.64 min Scan# 1454

Delta R.T. -0.00 min

Lab File: BF115452.D

Acq: 10 Jul 2019 13:35

Instrument :

BNA_F

ClientSampleId :

PB121133BS

Tot Ion: 77 Resp: 1091351

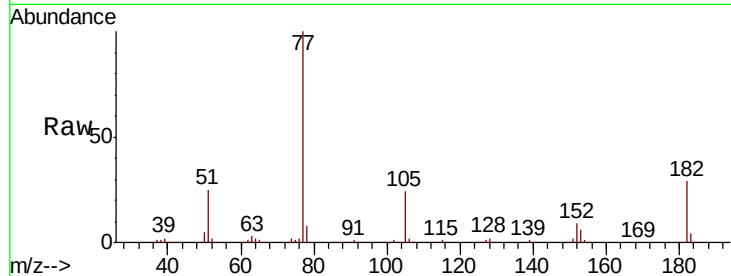
Ion Ratio Lower Upper

77 100

182 28.7 7.7 47.7

105 23.6 3.6 43.6

51 25.4 4.8 44.8

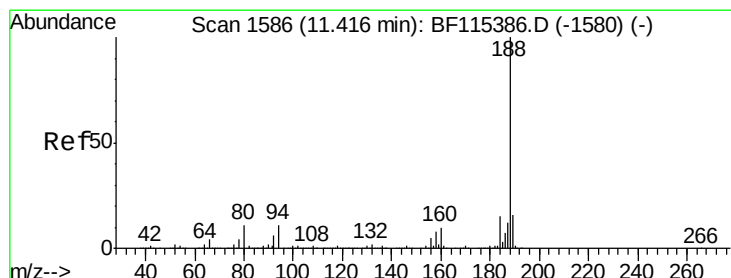
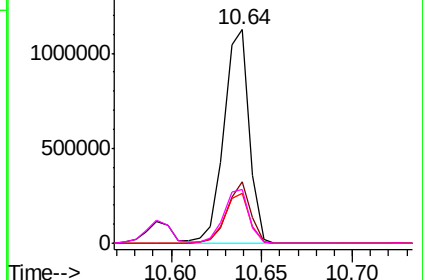
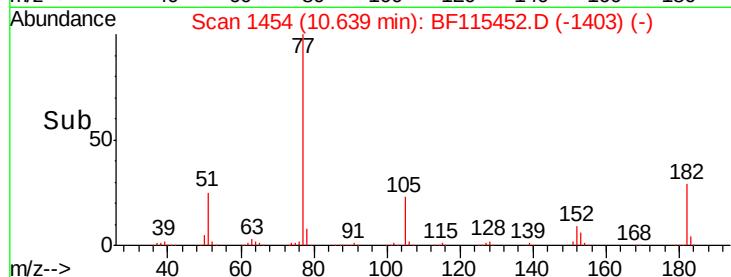


Abundance Ion 77.00 (76.70 to 77.70): BF1

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: 11.42 min Scan# 1587

Delta R.T. -0.00 min

Lab File: BF115452.D

Acq: 10 Jul 2019 13:35

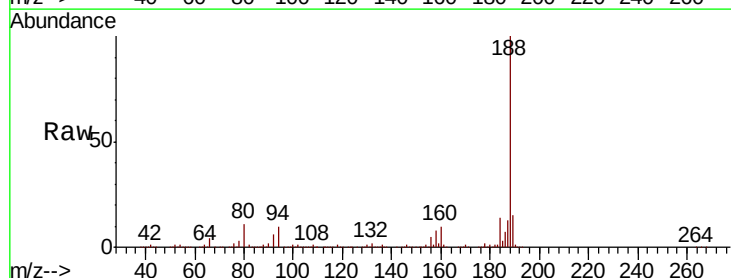
Tgt Ion: 188 Resp: 653226

Ion Ratio Lower Upper

188 100

94 9.8 7.8 11.8

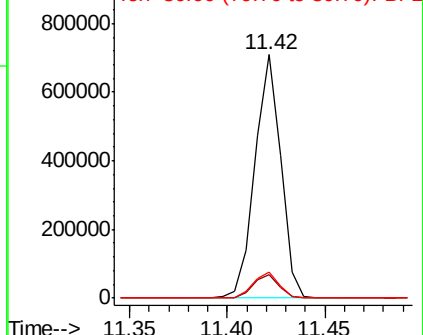
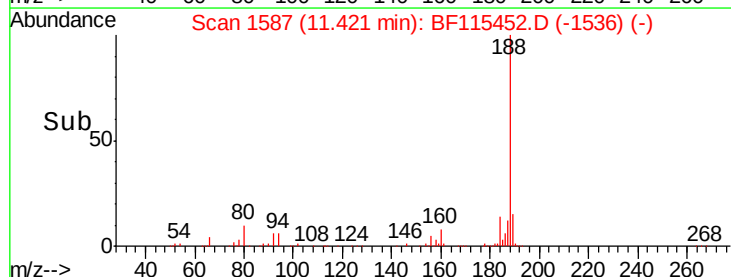
80 10.5 8.4 12.6

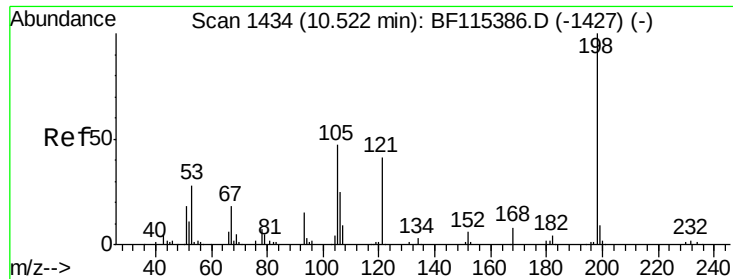


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

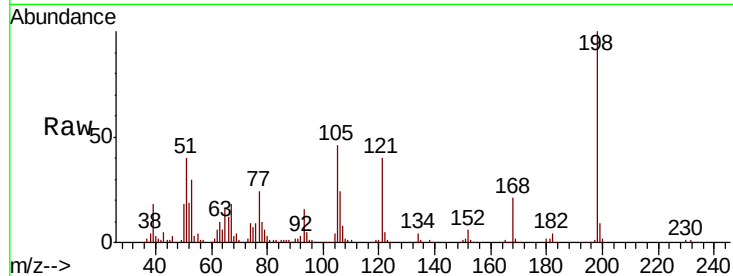




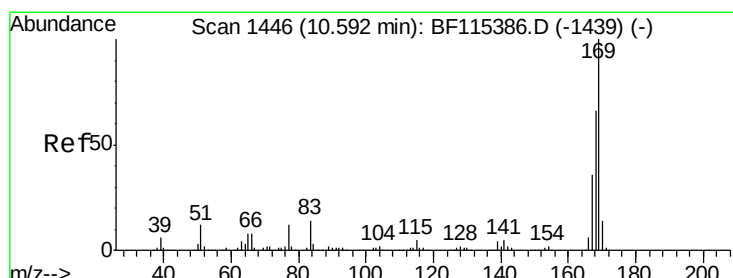
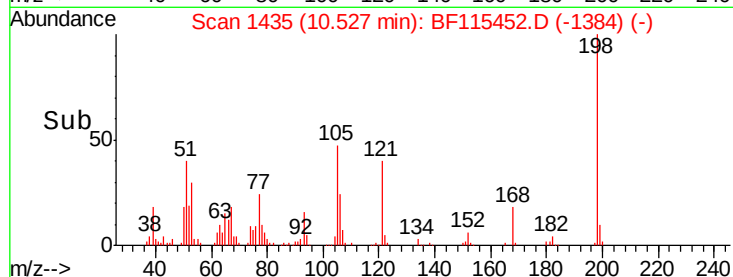
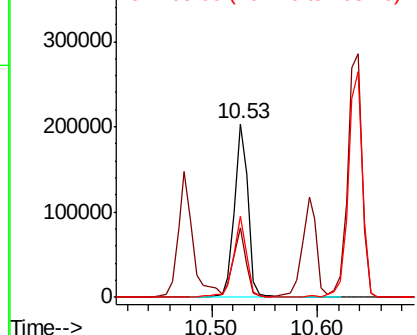
#65
 4,6-Dinitro-2-methylphenol
 Concen: 55.710 ng
 RT: 10.53 min Scan# 1435
 Delta R.T. -0.00 min
 Lab File: BF115452.D
 Acq: 10 Jul 2019 13:35

Instrument :
 BNA_F
 ClientSampleId :
 PB121133BS

Tot Ion:198 Resp: 178933
 Ion Ratio Lower Upper
 198 100
 51 39.9 20.7 60.7
 105 46.3 25.3 65.3

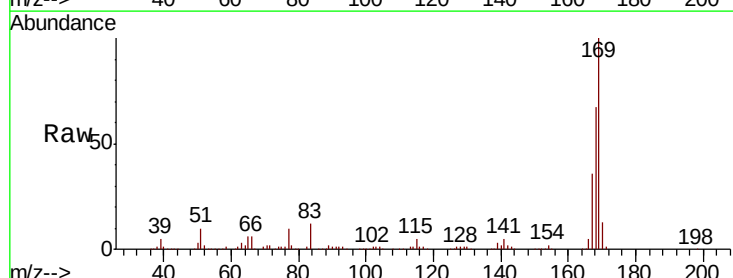


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

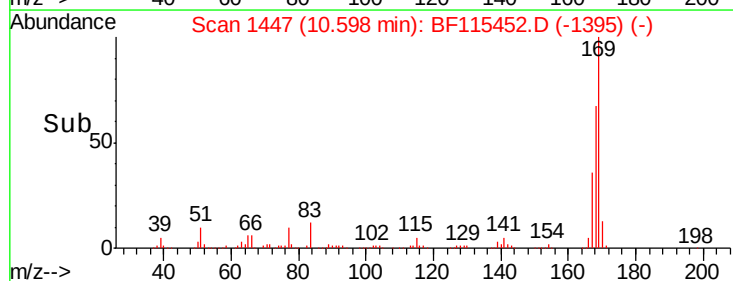
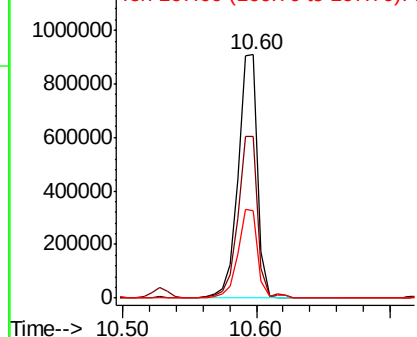


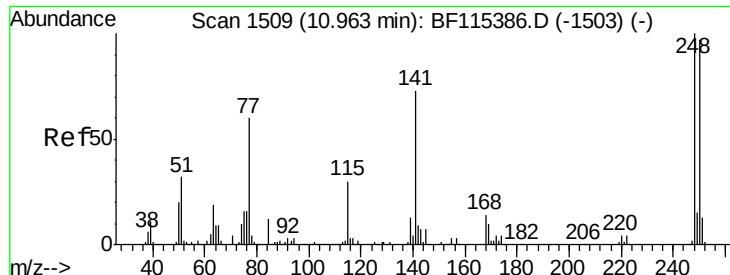
#66
 n-Nitrosodiphenylamine
 Concen: 45.132 ng
 RT: 10.60 min Scan# 1447
 Delta R.T. 0.01 min
 Lab File: BF115452.D
 Acq: 10 Jul 2019 13:35

Tgt Ion:169 Resp: 928903
 Ion Ratio Lower Upper
 169 100
 168 66.5 53.2 79.8
 167 36.1 29.4 44.2



Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

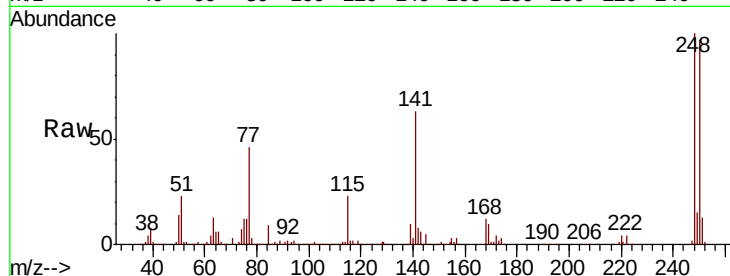




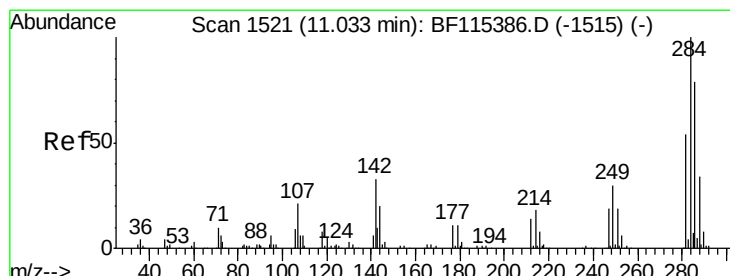
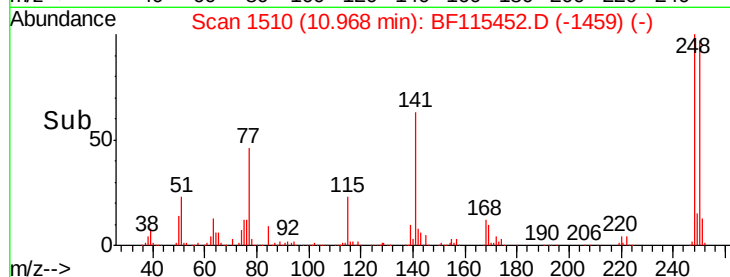
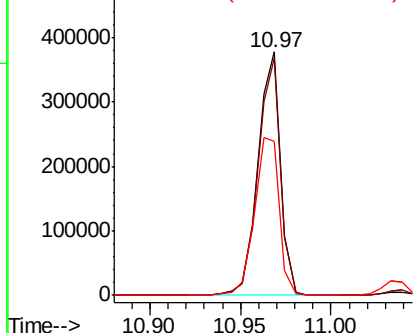
#67
 4-Bromophenyl-phenylether
 Concen: 44.575 ng
 RT: 10.97 min Scan# 1510
 Delta R.T. -0.00 min
 Lab File: BF115452.D
 Acq: 10 Jul 2019 13:35

Instrument :
 BNA_F
 ClientSampleId :
 PB121133BS

Tot Ion:248 Resp: 326722
 Ion Ratio Lower Upper
 248 100
 250 97.2 78.3 117.5
 141 63.4 52.2 78.2

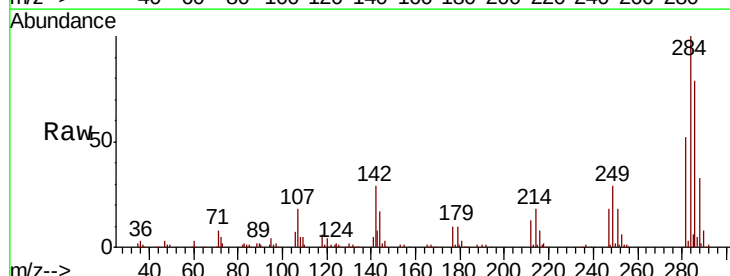


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

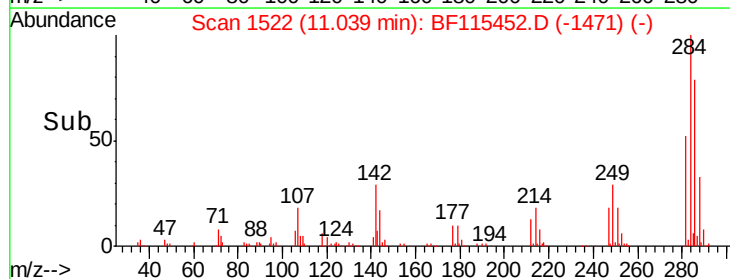
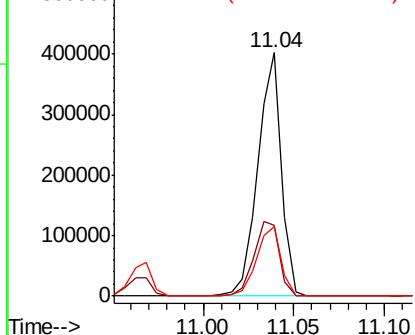


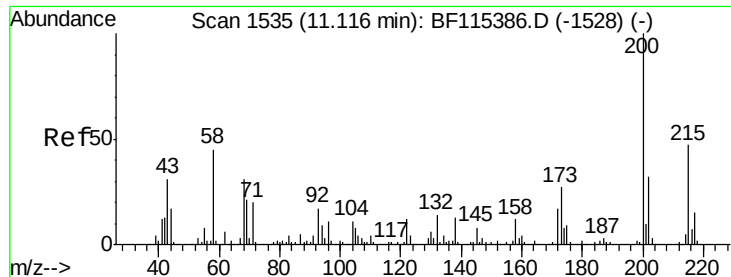
#68
 Hexachlorobenzene
 Concen: 44.005 ng
 RT: 11.04 min Scan# 1522
 Delta R.T. -0.00 min
 Lab File: BF115452.D
 Acq: 10 Jul 2019 13:35

Tgt Ion:284 Resp: 361933
 Ion Ratio Lower Upper
 284 100
 142 29.0 23.9 35.9
 249 28.8 23.6 35.4



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: 46.644 ng

RT: 11.12 min Scan# 1536

Delta R.T. -0.00 min

Lab File: BF115452.D

Acq: 10 Jul 2019 13:35

Instrument :

BNA_F

ClientSampleId :

PB121133BS

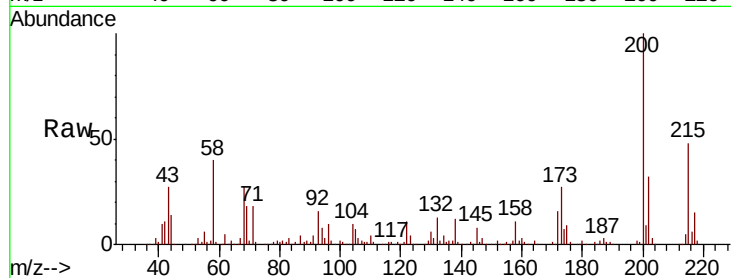
Tot Ion:200 Resp: 297106

Ion Ratio Lower Upper

200 100

173 27.1 7.0 47.0

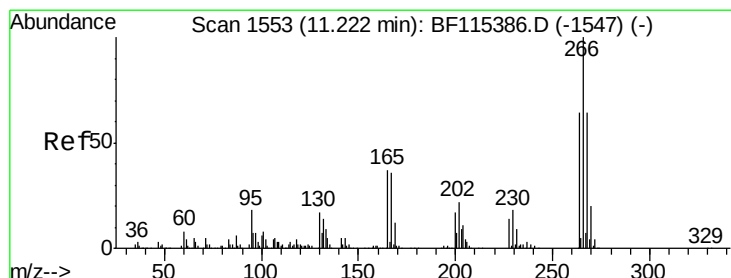
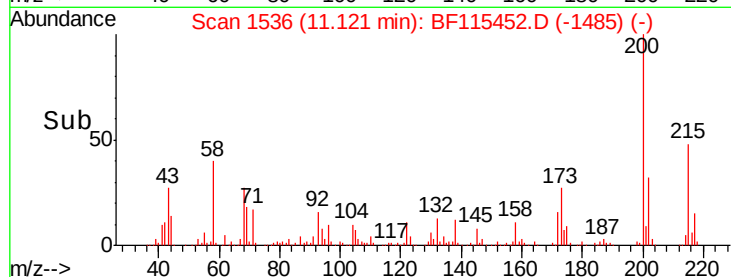
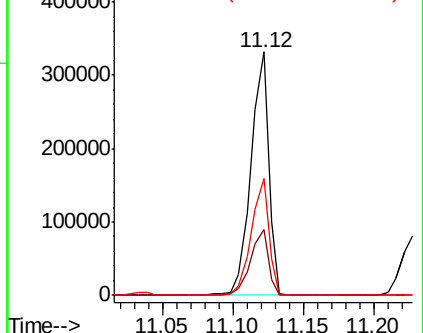
215 47.8 27.8 67.8



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 86.861 ng

RT: 11.23 min Scan# 1554

Delta R.T. -0.00 min

Lab File: BF115452.D

Acq: 10 Jul 2019 13:35

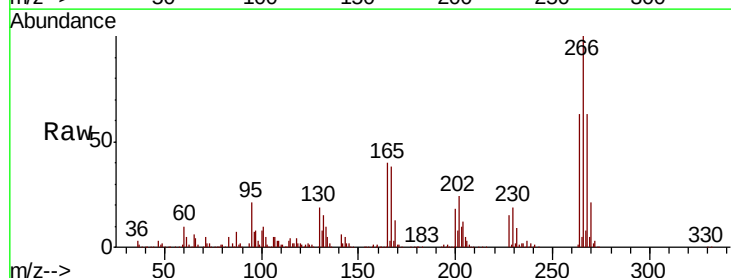
Tgt Ion:266 Resp: 435388

Ion Ratio Lower Upper

266 100

268 63.3 51.2 76.8

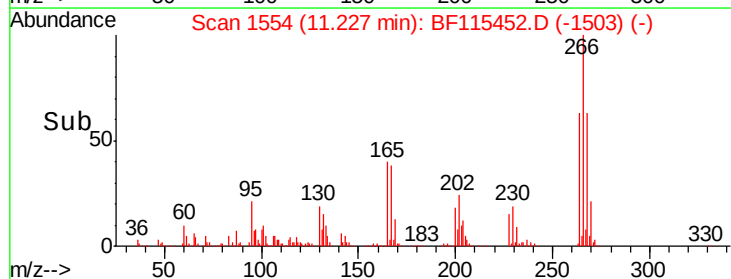
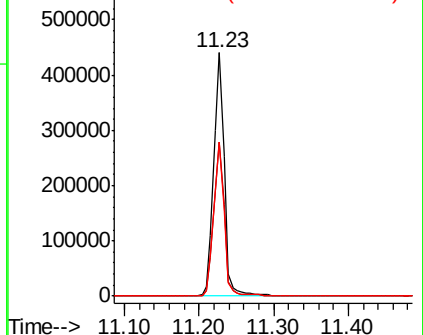
264 63.2 50.6 75.8

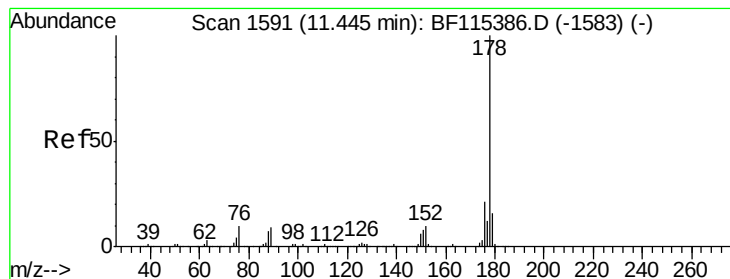


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 43.059 ng

RT: 11.44 min Scan# 1591

Delta R.T. -0.01 min

Lab File: BF115452.D

Acq: 10 Jul 2019 13:35

Instrument :

BNA_F

ClientSampleId :

PB121133BS

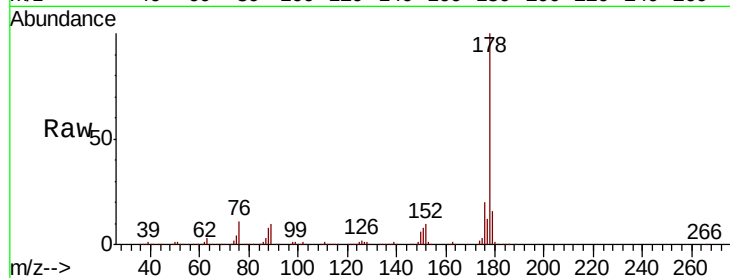
Tot Ion:178 Resp: 1479274

Ion Ratio Lower Upper

178 100

176 20.1 16.6 24.8

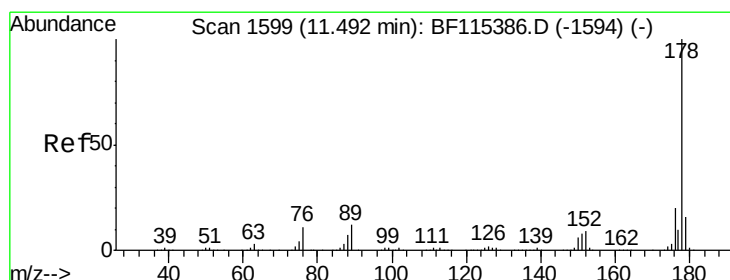
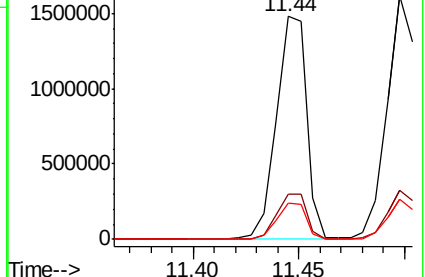
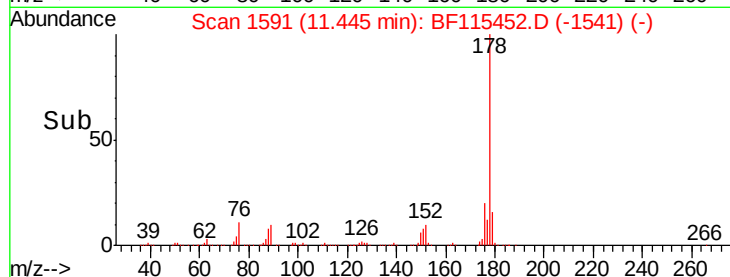
179 16.4 12.7 19.1



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: 44.704 ng

RT: 11.50 min Scan# 1600

Delta R.T. -0.00 min

Lab File: BF115452.D

Acq: 10 Jul 2019 13:35

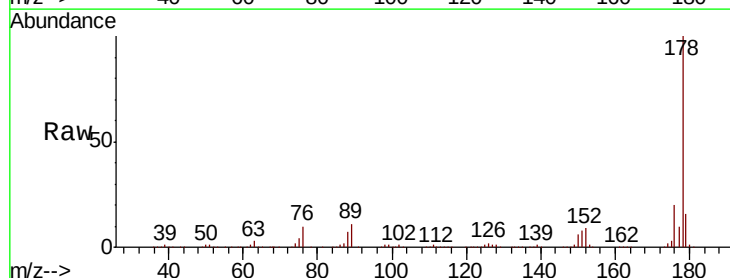
Tgt Ion:178 Resp: 1540074

Ion Ratio Lower Upper

178 100

176 19.9 15.8 23.6

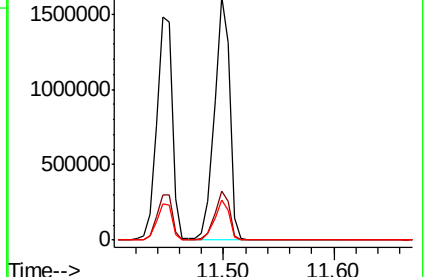
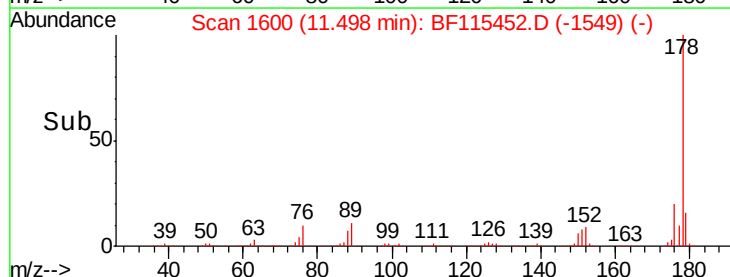
179 16.4 13.0 19.6

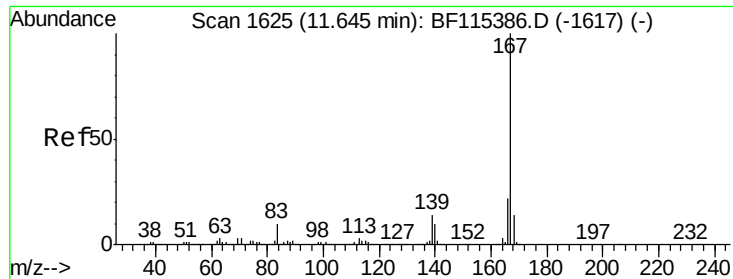


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

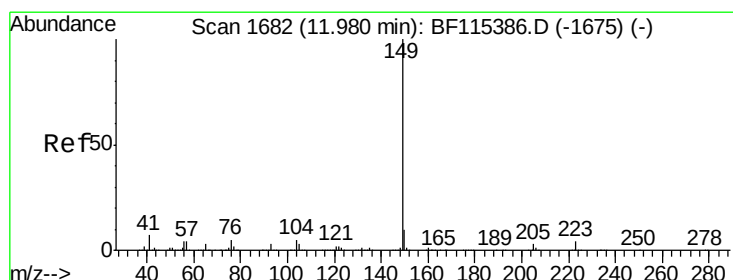
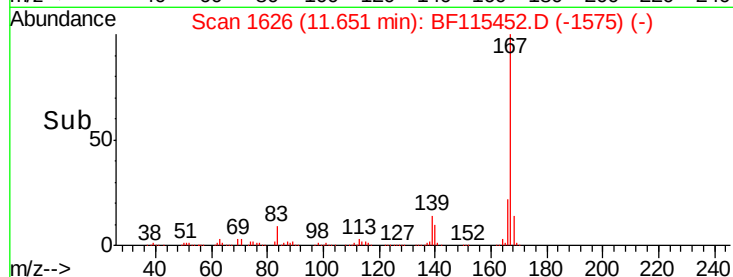
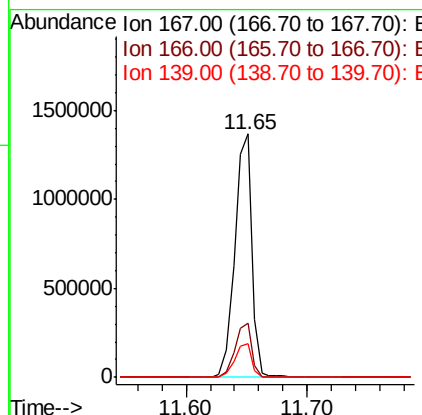
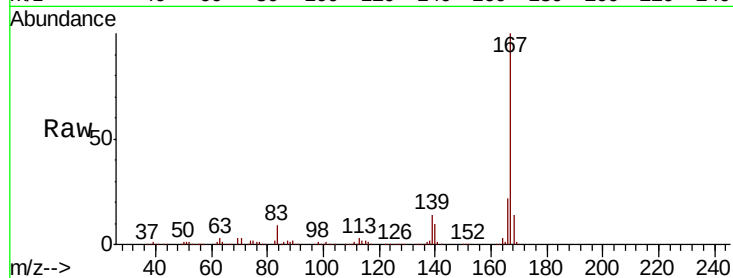




#73
 Carbazole
 Concen: 42.872 ng
 RT: 11.65 min Scan# 1626
 Delta R.T. -0.00 min
 Lab File: BF115452.D
 Acq: 10 Jul 2019 13:35

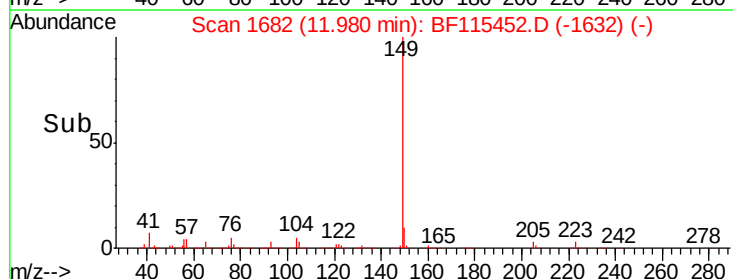
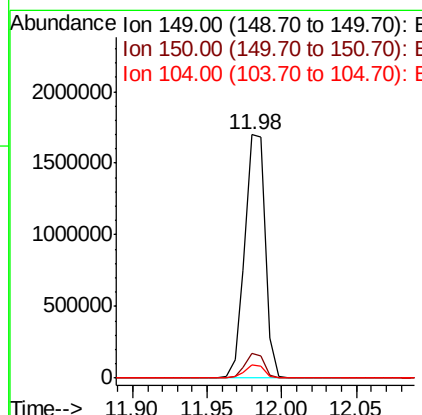
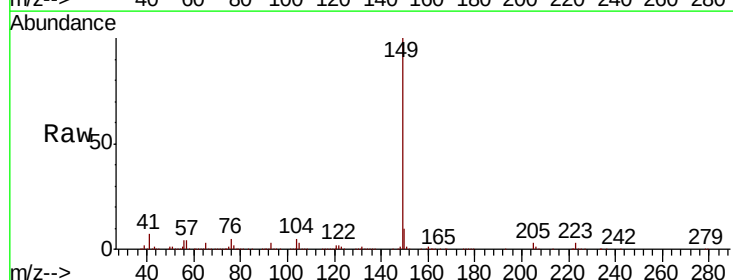
Instrument :
 BNA_F
 ClientSampleId :
 PB121133BS

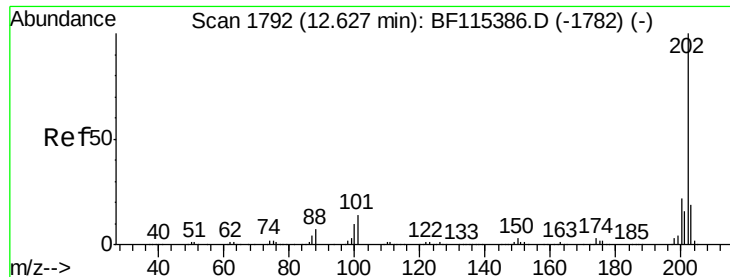
Tot Ion:167 Resp: 1351169
 Ion Ratio Lower Upper
 167 100
 166 22.2 17.8 26.8
 139 13.6 10.9 16.3



#74
 Di-n-butylphthalate
 Concen: 42.468 ng
 RT: 11.98 min Scan# 1682
 Delta R.T. -0.01 min
 Lab File: BF115452.D
 Acq: 10 Jul 2019 13:35

Tgt Ion:149 Resp: 1617593
 Ion Ratio Lower Upper
 149 100
 150 10.1 7.6 11.4
 104 5.3 3.9 5.9

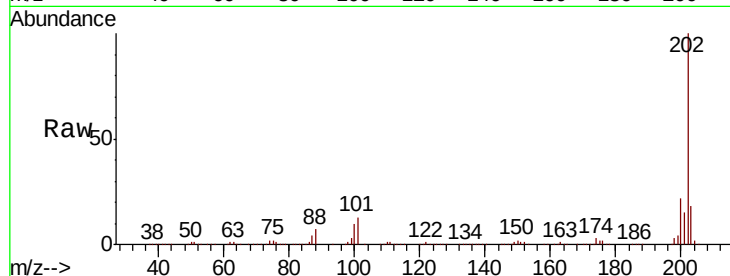




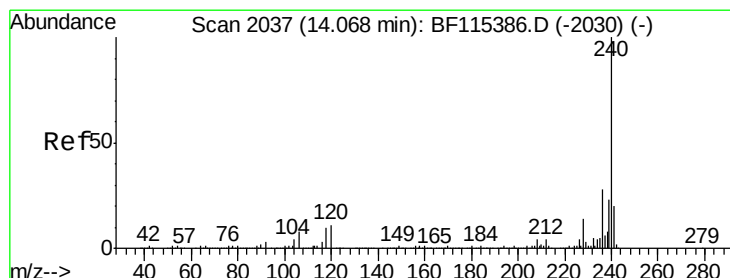
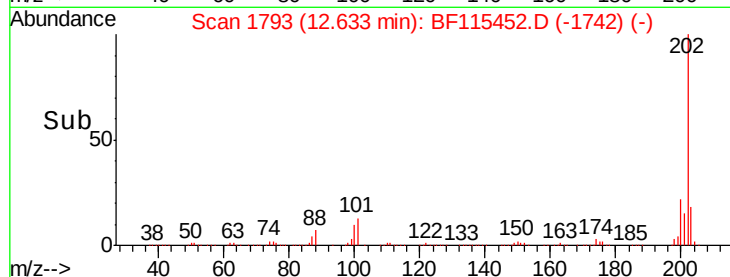
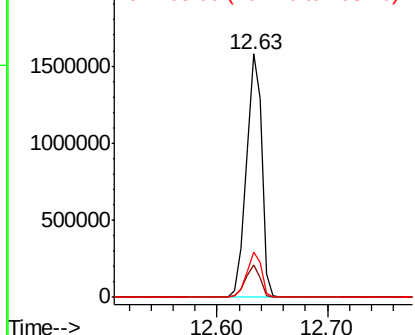
#75
Fluoranthene
Concen: 42.558 ng
RT: 12.63 min Scan# 1793
Delta R.T. -0.00 min
Lab File: BF115452.D
Acq: 10 Jul 2019 13:35

Instrument :
BNA_F
ClientSampleId :
PB121133BS

Tot Ion:202 Resp: 1539447
Ion Ratio Lower Upper
202 100
101 13.3 0.0 33.9
203 18.4 0.0 38.4

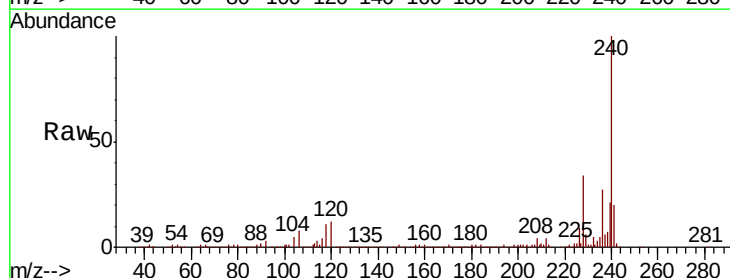


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E

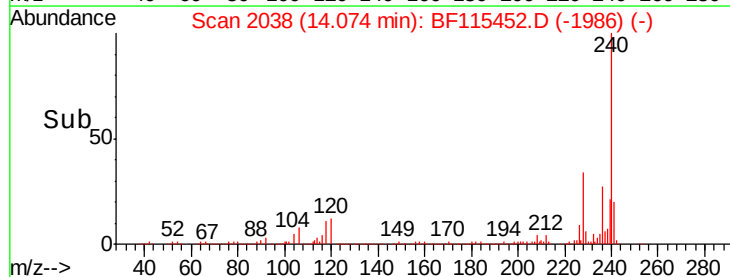
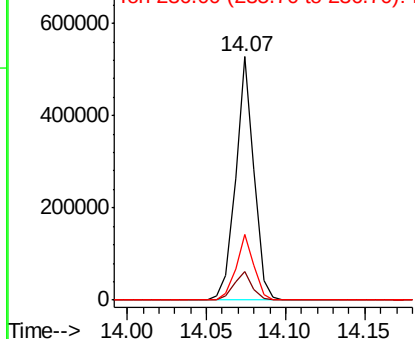


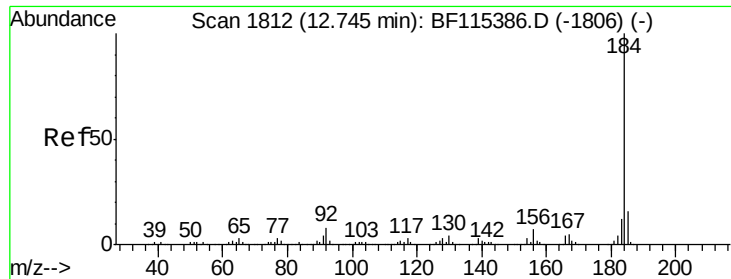
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.07 min Scan# 2038
Delta R.T. 0.01 min
Lab File: BF115452.D
Acq: 10 Jul 2019 13:35

Tgt Ion:240 Resp: 420389
Ion Ratio Lower Upper
240 100
120 11.6 10.2 15.4
236 27.1 21.1 31.7



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: 36.174 ng

RT: 12.75 min Scan# 1813

Delta R.T. -0.00 min

Lab File: BF115452.D

Acq: 10 Jul 2019 13:35

Instrument :

BNA_F

ClientSampleId :

PB121133BS

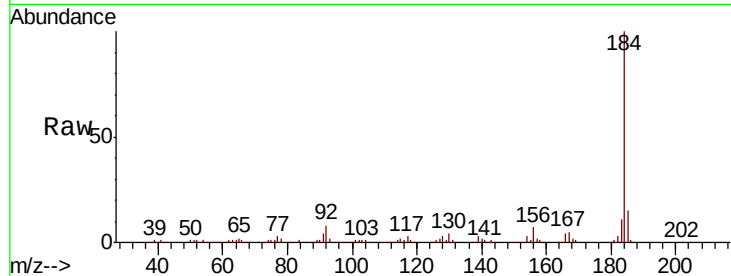
Tot Ion:184 Resp: 593016

Ion Ratio Lower Upper

184 100

185 15.1 13.0 19.6

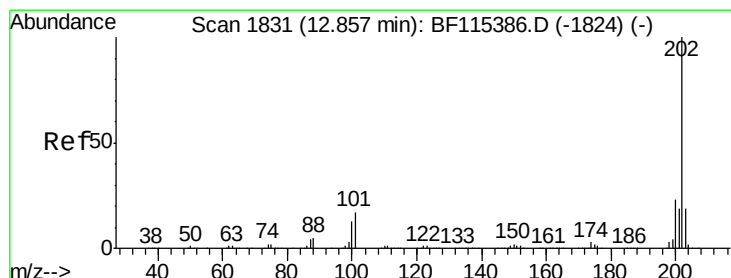
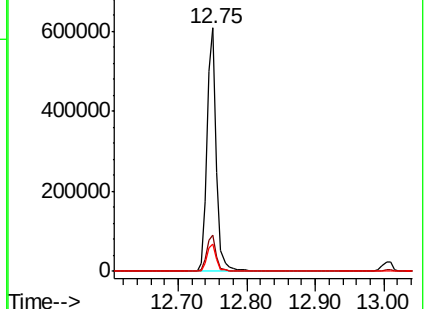
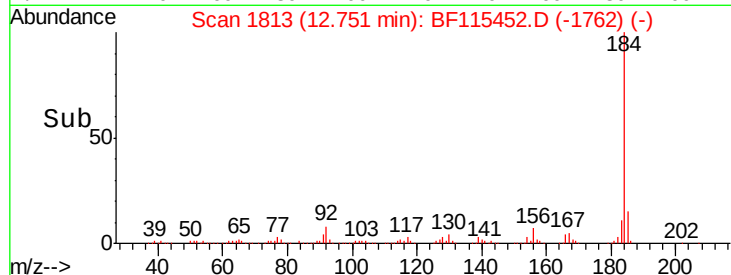
183 11.4 9.7 14.5



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: 47.465 ng

RT: 12.86 min Scan# 1832

Delta R.T. -0.00 min

Lab File: BF115452.D

Acq: 10 Jul 2019 13:35

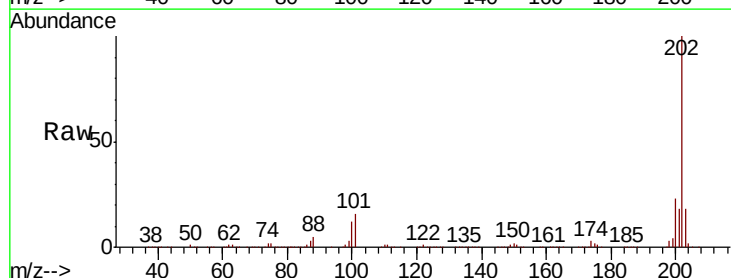
Tgt Ion:202 Resp: 1551686

Ion Ratio Lower Upper

202 100

200 22.6 17.6 26.4

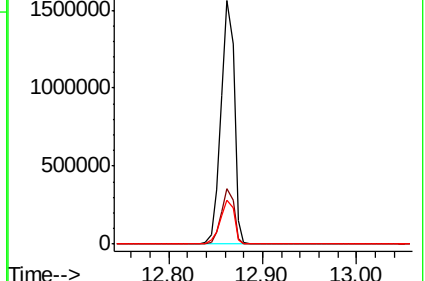
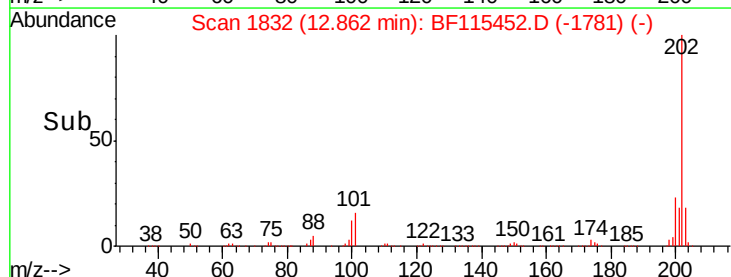
203 18.3 14.7 22.1

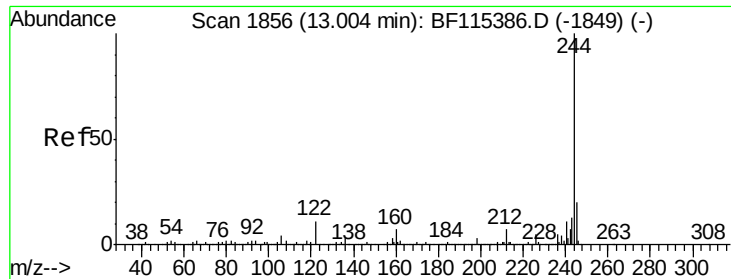


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 90.537 ng

RT: 13.01 min Scan# 1857

Delta R.T. -0.00 min

Lab File: BF115452.D

Acq: 10 Jul 2019 13:35

Instrument :

BNA_F

ClientSampleId :

PB121133BS

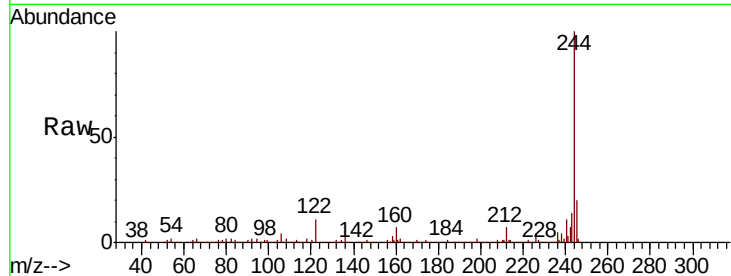
Tot Ion:244 Resp: 1858890

Ion Ratio Lower Upper

244 100

212 6.9 5.7 8.5

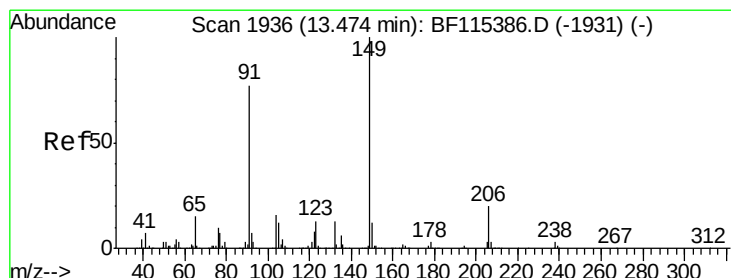
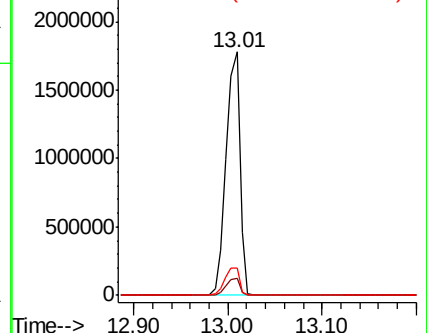
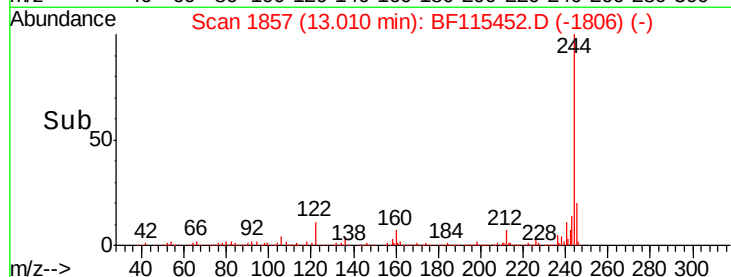
122 11.0 9.1 13.7



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: 47.557 ng

RT: 13.48 min Scan# 1937

Delta R.T. -0.00 min

Lab File: BF115452.D

Acq: 10 Jul 2019 13:35

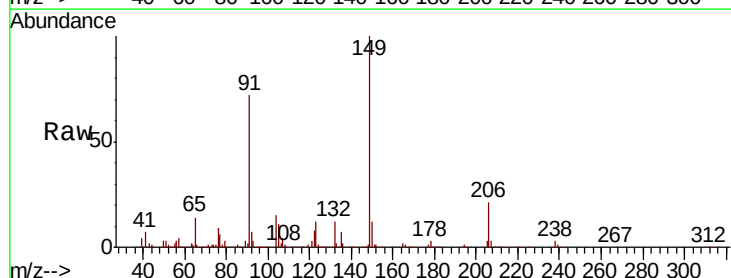
Tgt Ion:149 Resp: 679282

Ion Ratio Lower Upper

149 100

91 72.1 57.8 86.6

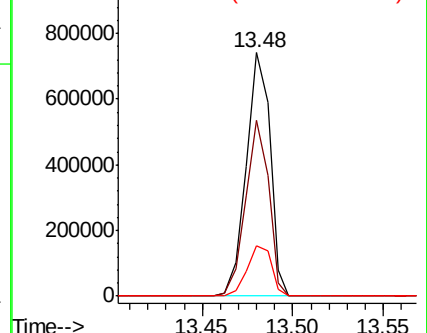
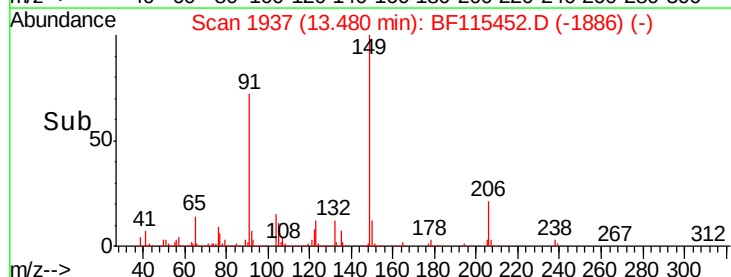
206 20.8 16.9 25.3

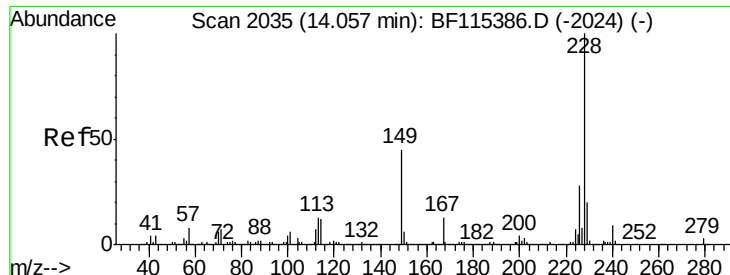


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 43.846 ng

RT: 14.06 min Scan# 2036

Delta R.T. 0.01 min

Lab File: BF115452.D

Acq: 10 Jul 2019 13:35

Instrument :

BNA_F

ClientSampleId :

PB121133BS

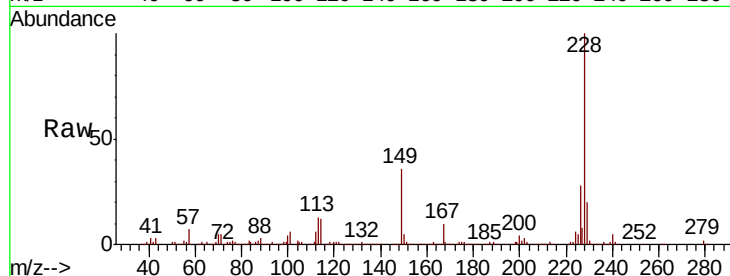
Tot Ion:228 Resp: 1181038

Ion Ratio Lower Upper

228 100

226 28.0 22.6 34.0

229 20.2 16.4 24.6

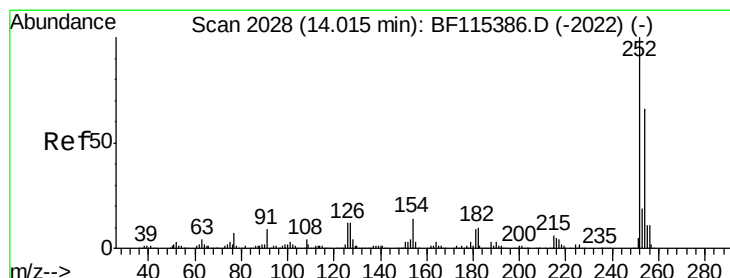
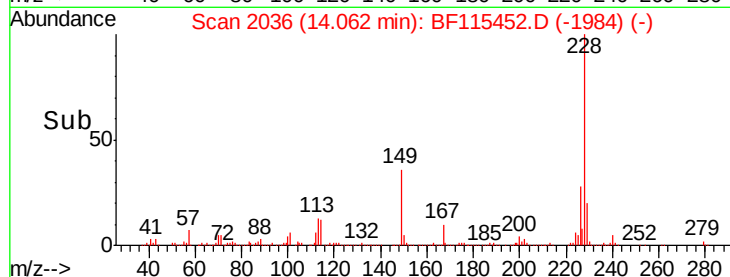
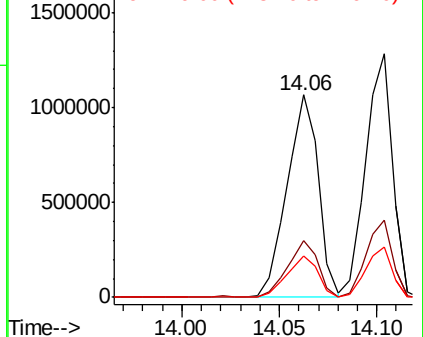


Abundance

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: 37.177 ng

RT: 14.02 min Scan# 2029

Delta R.T. 0.01 min

Lab File: BF115452.D

Acq: 10 Jul 2019 13:35

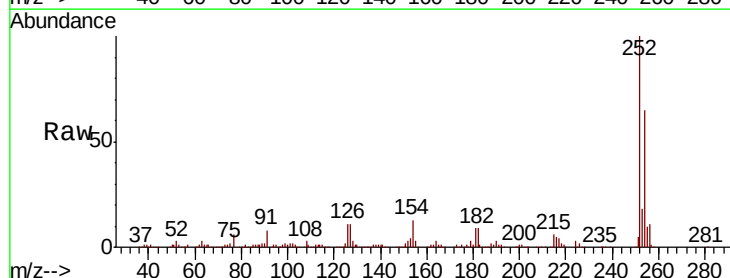
Tgt Ion:252 Resp: 363359

Ion Ratio Lower Upper

252 100

254 64.9 52.9 79.3

126 11.2 10.0 15.0

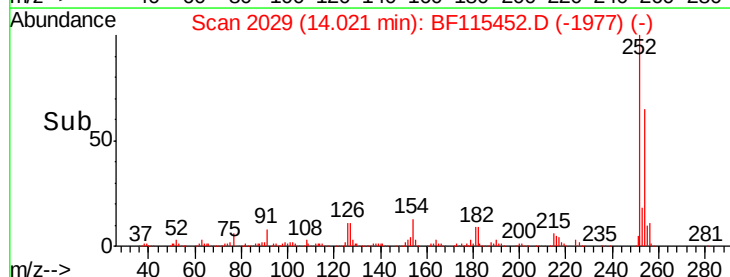
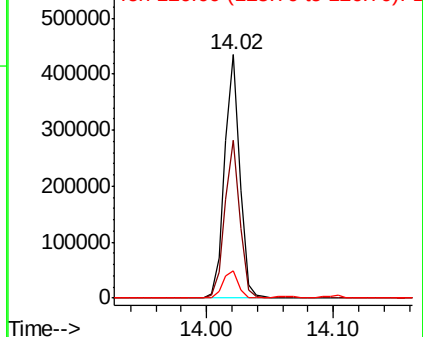


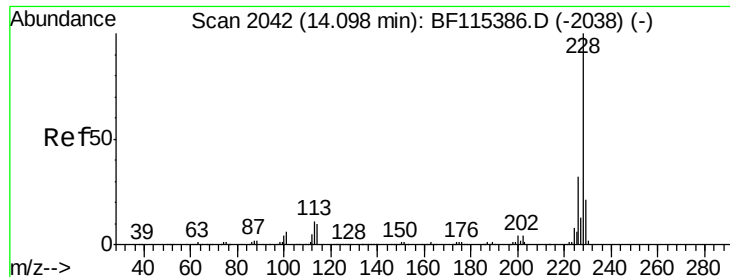
Abundance

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: 44.306 ng

RT: 14.10 min Scan# 2043

Delta R.T. 0.01 min

Lab File: BF115452.D

Acq: 10 Jul 2019 13:35

Instrument :

BNA_F

ClientSampleId :

PB121133BS

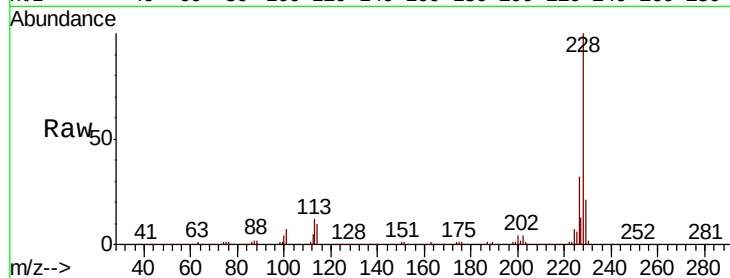
Tot Ion:228 Resp: 1226216

Ion Ratio Lower Upper

228 100

226 31.5 25.1 37.7

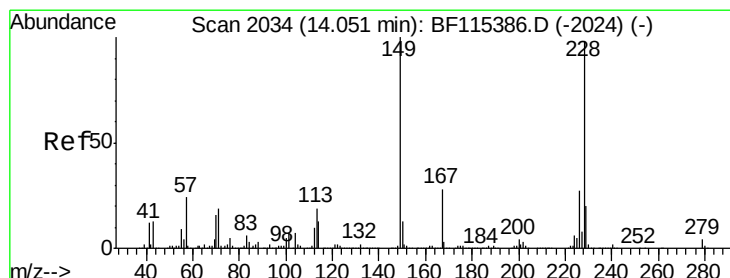
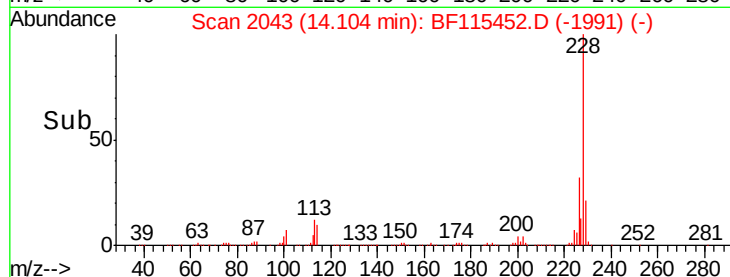
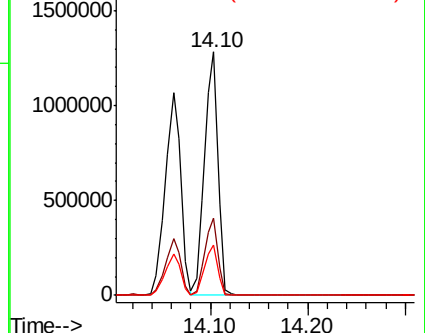
229 20.5 16.1 24.1



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 47.326 ng

RT: 14.06 min Scan# 2035

Delta R.T. 0.01 min

Lab File: BF115452.D

Acq: 10 Jul 2019 13:35

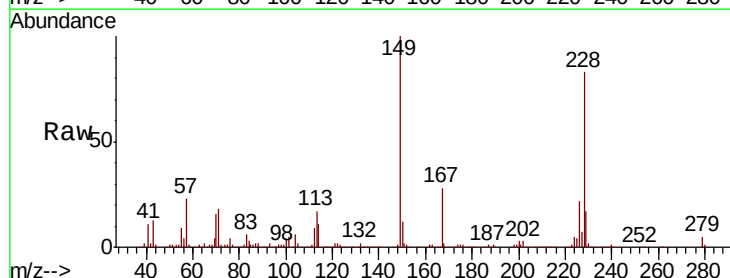
Tgt Ion:149 Resp: 837148

Ion Ratio Lower Upper

149 100

167 28.1 22.6 34.0

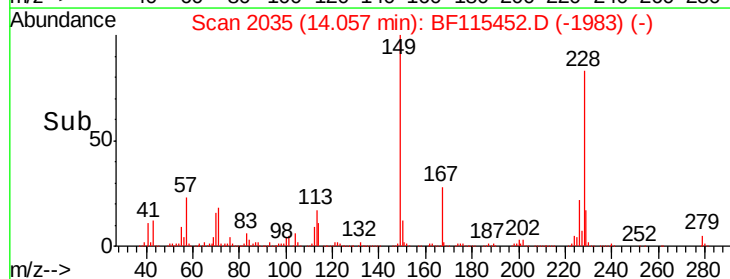
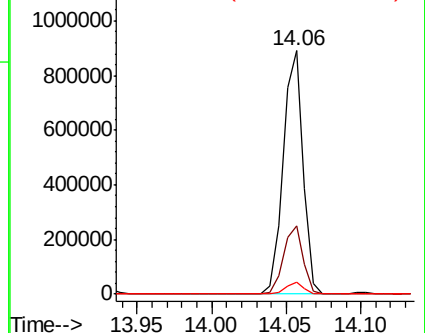
279 4.7 3.8 5.6

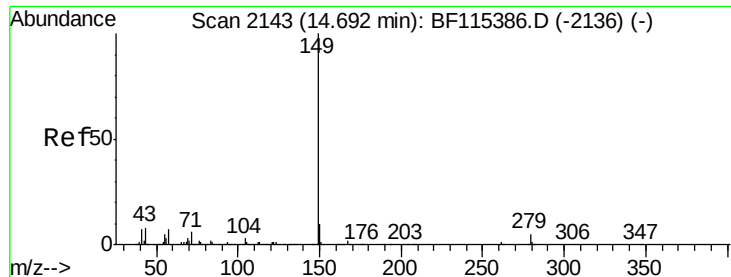


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 44.172 ng

RT: 14.70 min Scan# 2144

Delta R.T. 0.02 min

Lab File: BF115452.D

Acq: 10 Jul 2019 13:35

Instrument :

BNA_F

ClientSampleId :

PB121133BS

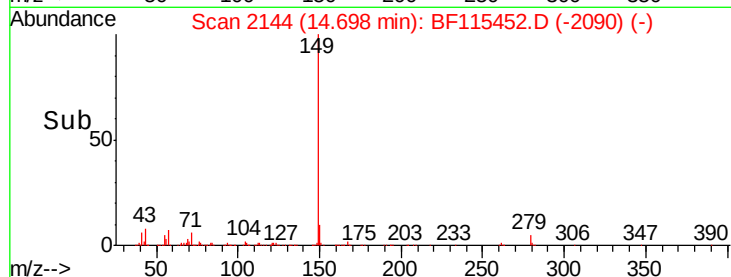
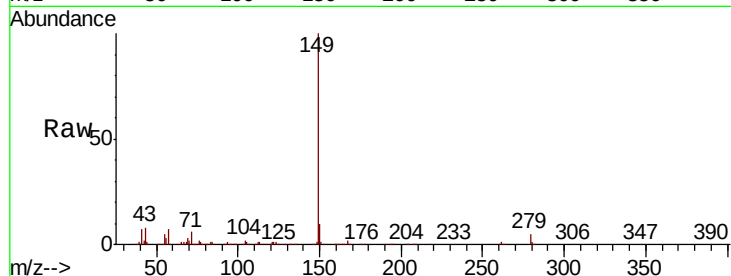
Tot Ion:149 Resp: 1390963

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

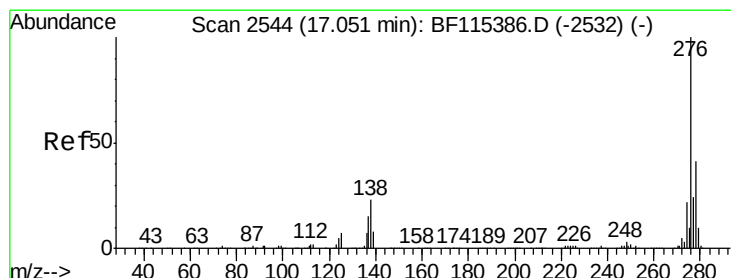
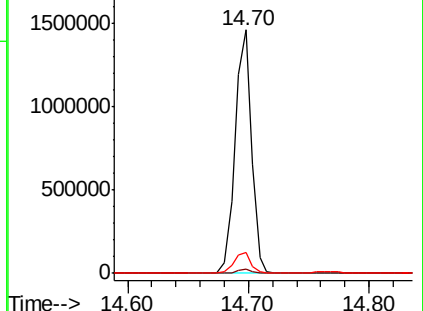
43 8.6 7.0 10.6



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: 47.267 ng

RT: 17.08 min Scan# 2549

Delta R.T. 0.02 min

Lab File: BF115452.D

Acq: 10 Jul 2019 13:35

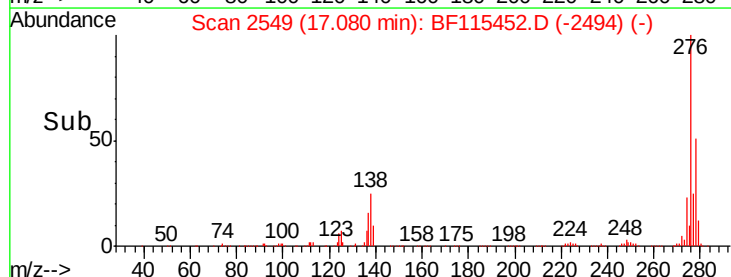
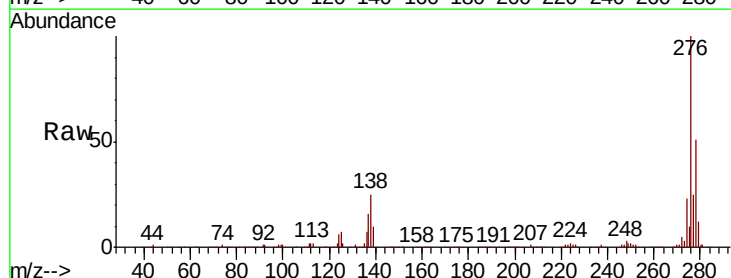
Tgt Ion:276 Resp: 1064679

Ion Ratio Lower Upper

276 100

138 25.9 20.6 31.0

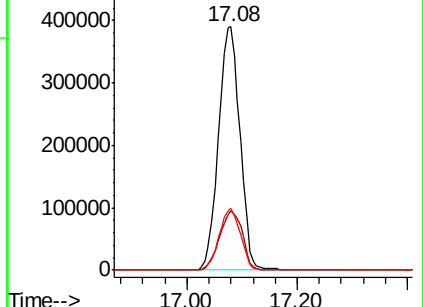
277 25.3 20.2 30.2

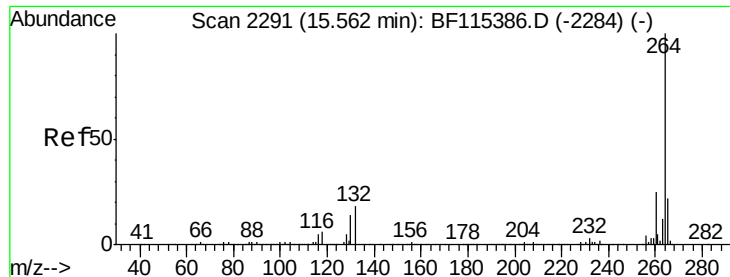


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.58 min Scan# 2294

Delta R.T. 0.02 min

Lab File: BF115452.D

Acq: 10 Jul 2019 13:35

Instrument :

BNA_F

ClientSampleId :

PB121133BS

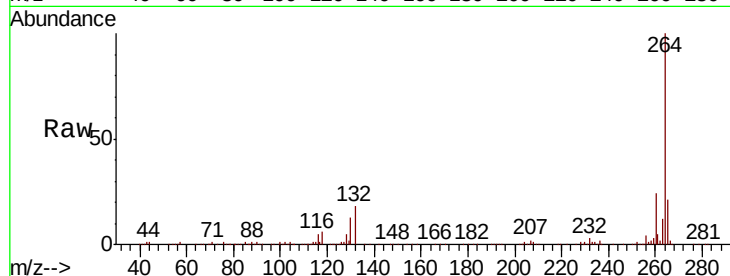
Tot Ion:264 Resp: 343180

Ion Ratio Lower Upper

264 100

260 23.5 20.1 30.1

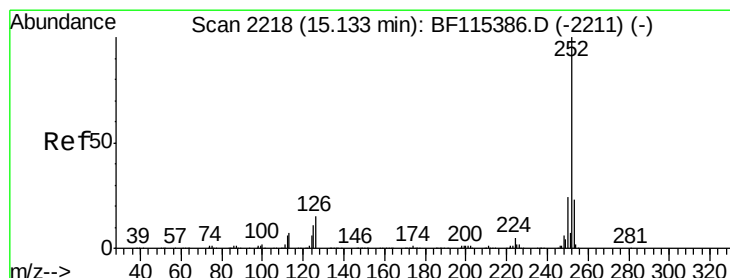
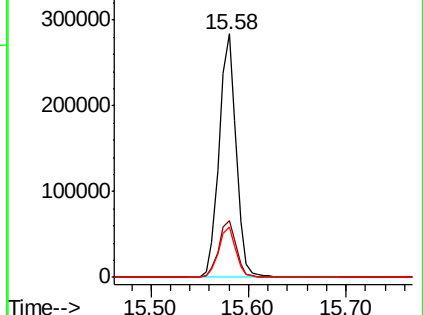
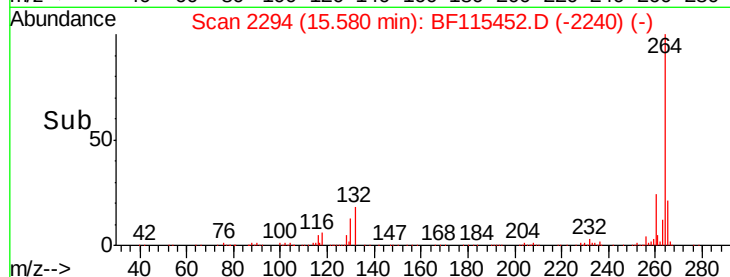
265 20.8 17.8 26.6



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 50.243 ng

RT: 15.14 min Scan# 2220

Delta R.T. 0.01 min

Lab File: BF115452.D

Acq: 10 Jul 2019 13:35

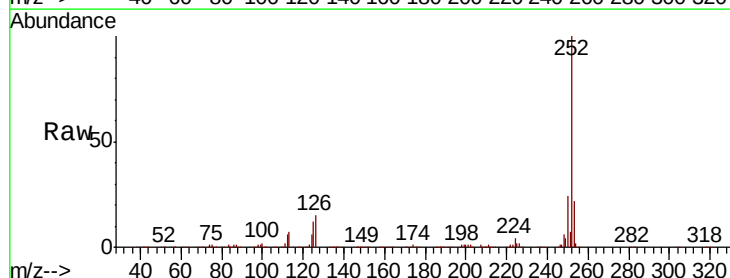
Tgt Ion:252 Resp: 1122635

Ion Ratio Lower Upper

252 100

253 22.4 18.0 27.0

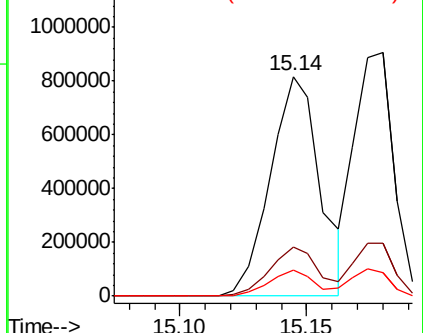
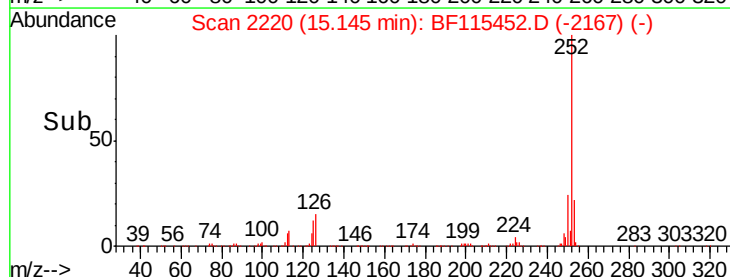
125 11.8 8.5 12.7

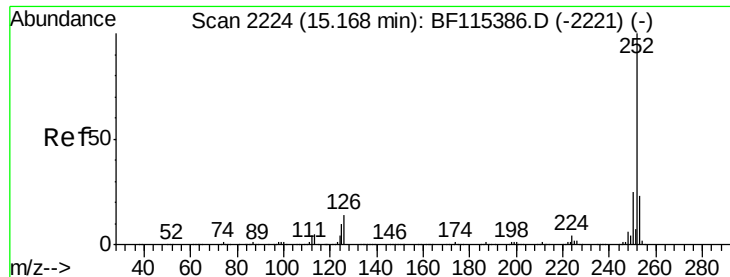


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

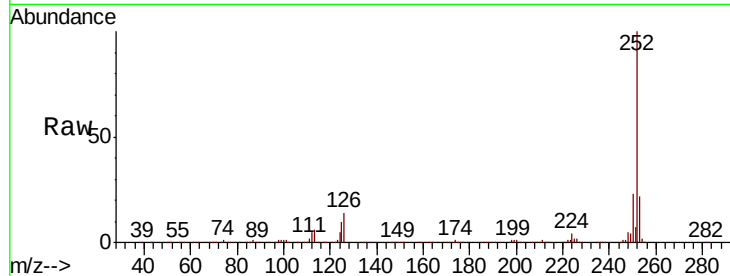




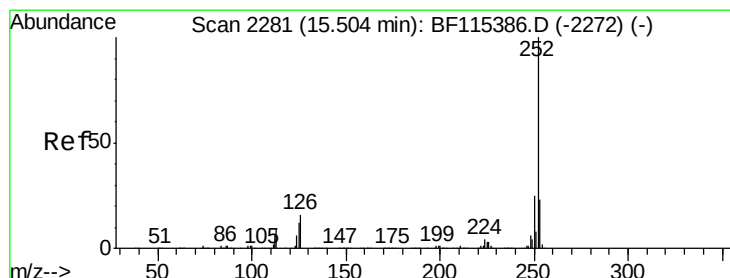
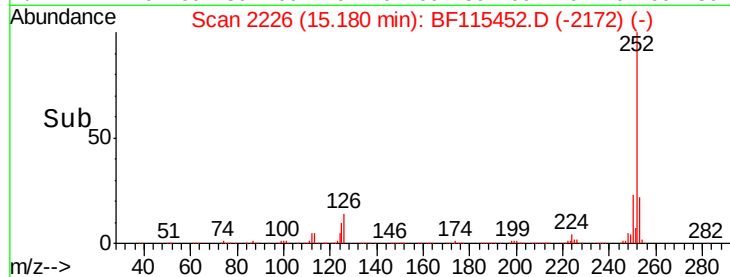
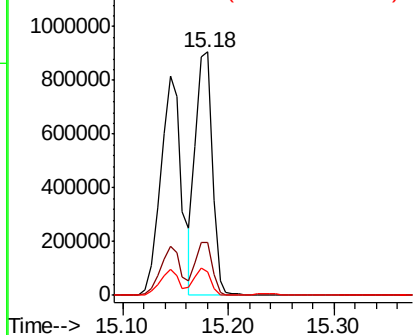
#89
Benzo(k)fluoranthene
Concen: 49.587 ng
RT: 15.18 min Scan# 2226
Delta R.T. 0.02 min
Lab File: BF115452.D
Acq: 10 Jul 2019 13:35

Instrument :
BNA_F
ClientSampleId :
PB121133BS

Tot Ion:252 Resp: 985372
Ion Ratio Lower Upper
252 100
253 21.7 18.0 27.0
125 9.6 8.6 13.0

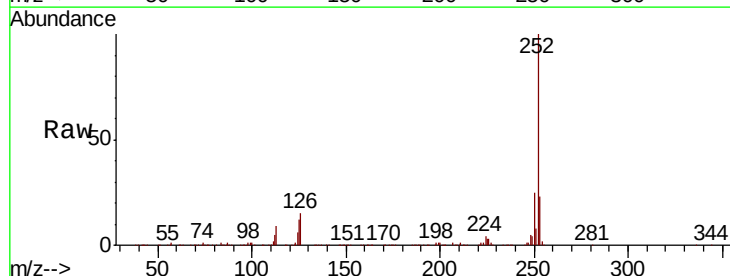


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

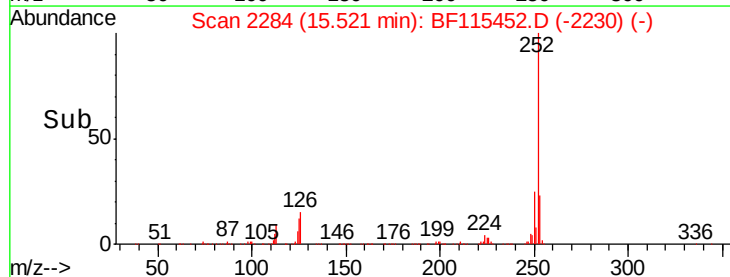
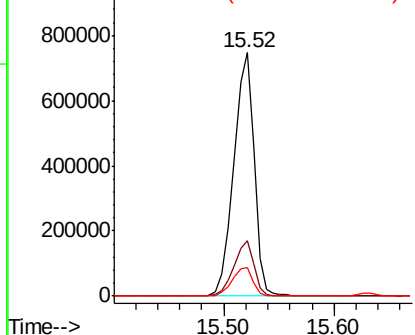


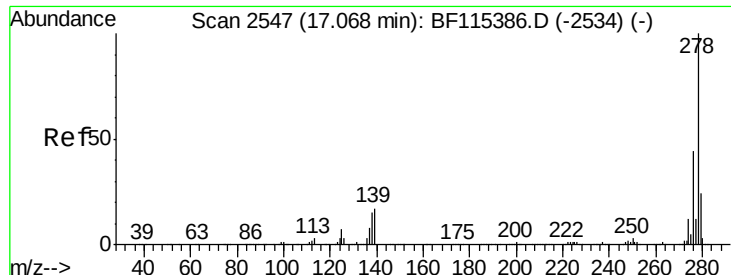
#90
Benzo(a)pyrene
Concen: 50.699 ng
RT: 15.52 min Scan# 2284
Delta R.T. 0.02 min
Lab File: BF115452.D
Acq: 10 Jul 2019 13:35

Tgt Ion:252 Resp: 977061
Ion Ratio Lower Upper
252 100
253 22.8 17.7 26.5
125 11.6 9.7 14.5



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: 53.620 ng

RT: 17.10 min Scan# 2552

Delta R.T. 0.02 min

Lab File: BF115452.D

Acq: 10 Jul 2019 13:35

Instrument :

BNA_F

ClientSampleId :

PB121133BS

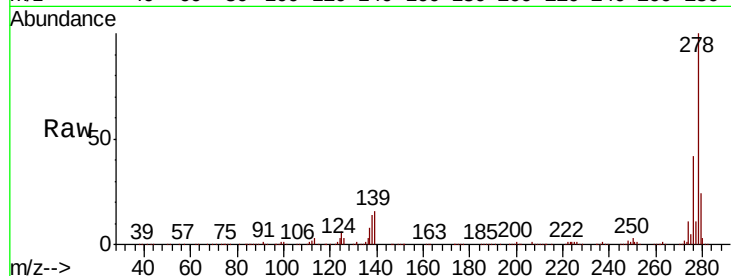
Tot Ion:278 Resp: 883030

Ion Ratio Lower Upper

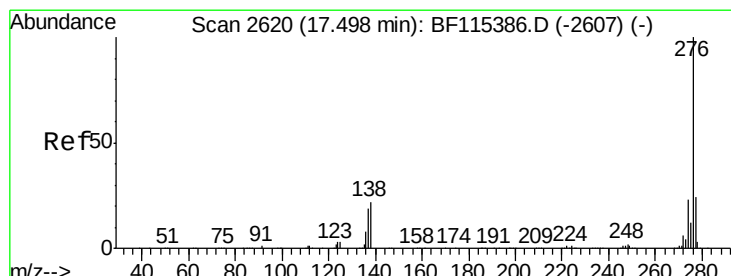
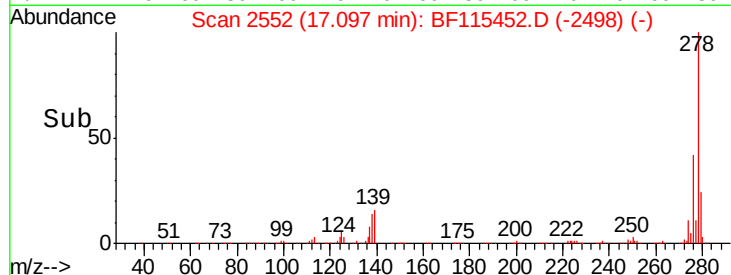
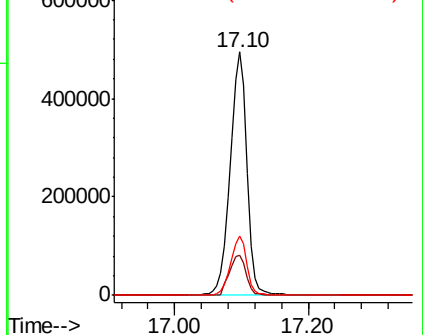
278 100

139 16.3 13.0 19.6

279 24.1 19.4 29.2



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: 56.887 ng

RT: 17.53 min Scan# 2626

Delta R.T. 0.02 min

Lab File: BF115452.D

Acq: 10 Jul 2019 13:35

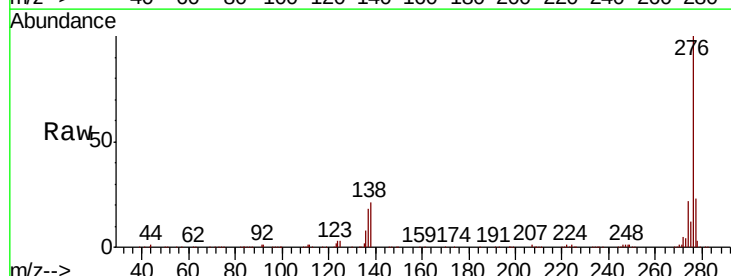
Tgt Ion:276 Resp: 886720

Ion Ratio Lower Upper

276 100

277 22.9 18.8 28.2

138 21.4 17.8 26.8



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 277.00 (276.70 to 277.70): E
Ion 138.00 (137.70 to 138.70): E

