

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070819\
 Data File : BF115403.D
 Acq On : 8 Jul 2019 13:42
 Operator : HP/JU
 Sample : PB121094BSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 08 14:45:50 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF070519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 08 14:37:33 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	168247	20.00	ng	0.00
21) Naphthalene-d8	8.18	136	664475	20.00	ng	0.00
39) Acenaphthene-d10	9.93	164	331960	20.00	ng	0.00
64) Phenanthrene-d10	11.42	188	642270	20.00	ng	0.00
76) Chrysene-d12	14.06	240	477575	20.00	ng	-0.01
87) Perylene-d12	15.56	264	484317	20.00	ng	-0.03

System Monitoring Compounds

5) 2-Fluorophenol	5.53	112	1312695	120.55	ng	0.01
7) Phenol-d6	6.53	99	1694765	122.37	ng	0.00
23) Nitrobenzene-d5	7.46	82	996103	88.57	ng	0.00
42) 2,4,6-Tribromophenol	10.73	330	480467	130.90	ng	0.00
45) 2-Fluorobiphenyl	9.26	172	1798191	95.05	ng	0.00
79) Terphenyl-d14	13.00	244	1972547	84.57	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.82	88	226453	42.396	ng	99
3) Pyridine	3.55	79	579739	39.252	ng	99
4) n-Nitrosodimethylamine	3.50	42	241350	40.297	ng	95
6) Aniline	6.56	93	629134	32.191	ng	100
8) 2-Chlorophenol	6.69	128	529710	43.080	ng	98
9) Benzaldehyde	6.45	77	300704	37.226	ng	95
10) Phenol	6.54	94	685652	41.379	ng	97
11) bis(2-Chloroethyl)ether	6.63	93	508798	41.390	ng	97
12) 1,3-Dichlorobenzene	6.84	146	563322	41.816	ng	99
13) 1,4-Dichlorobenzene	6.92	146	564443	41.830	ng	98
14) 1,2-Dichlorobenzene	7.07	146	529825	42.409	ng	99
15) Benzyl Alcohol	7.03	79	475484	42.785	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.17	45	692709	40.302	ng	99
17) 2-Methylphenol	7.15	107	445018	42.246	ng	99
18) Hexachloroethane	7.42	117	213320	42.437	ng	96
19) n-Nitroso-di-n-propylamine	7.31	70	370492	39.542	ng	100
20) 3+4-Methylphenols	7.30	107	546504	43.920	ng	99
22) Acetophenone	7.30	105	734927	46.158	ng	# 98
24) Nitrobenzene	7.47	77	582102	45.831	ng	100
25) Isophorone	7.72	82	1055848	43.313	ng	99
26) 2-Nitrophenol	7.79	139	274525	52.573	ng	94
27) 2,4-Dimethylphenol	7.83	122	511268	51.347	ng	98
28) bis(2-Chloroethoxy)methane	7.93	93	648670	43.153	ng	99
29) 2,4-Dichlorophenol	8.03	162	452490	45.626	ng	98
30) 1,2,4-Trichlorobenzene	8.12	180	490747	44.450	ng	99
31) Naphthalene	8.20	128	1502556	45.526	ng	98
32) Benzoic acid	7.95	122	347045	47.864	ng	98
33) 4-Chloroaniline	8.24	127	332321	22.567	ng	99
34) Hexachlorobutadiene	8.32	225	272396	43.506	ng	99
35) Caprolactam	8.65	113	57212	17.713	ng	95
36) 4-Chloro-3-methylphenol	8.72	107	470648	44.867	ng	99
37) 2-Methylnaphthalene	8.89	142	1014181	45.973	ng	99
38) 1-Methylnaphthalene	8.99	142	946144	44.951	ng	97
40) 1,2,4,5-Tetrachlorobenzene	9.06	216	442080	46.291	ng	99

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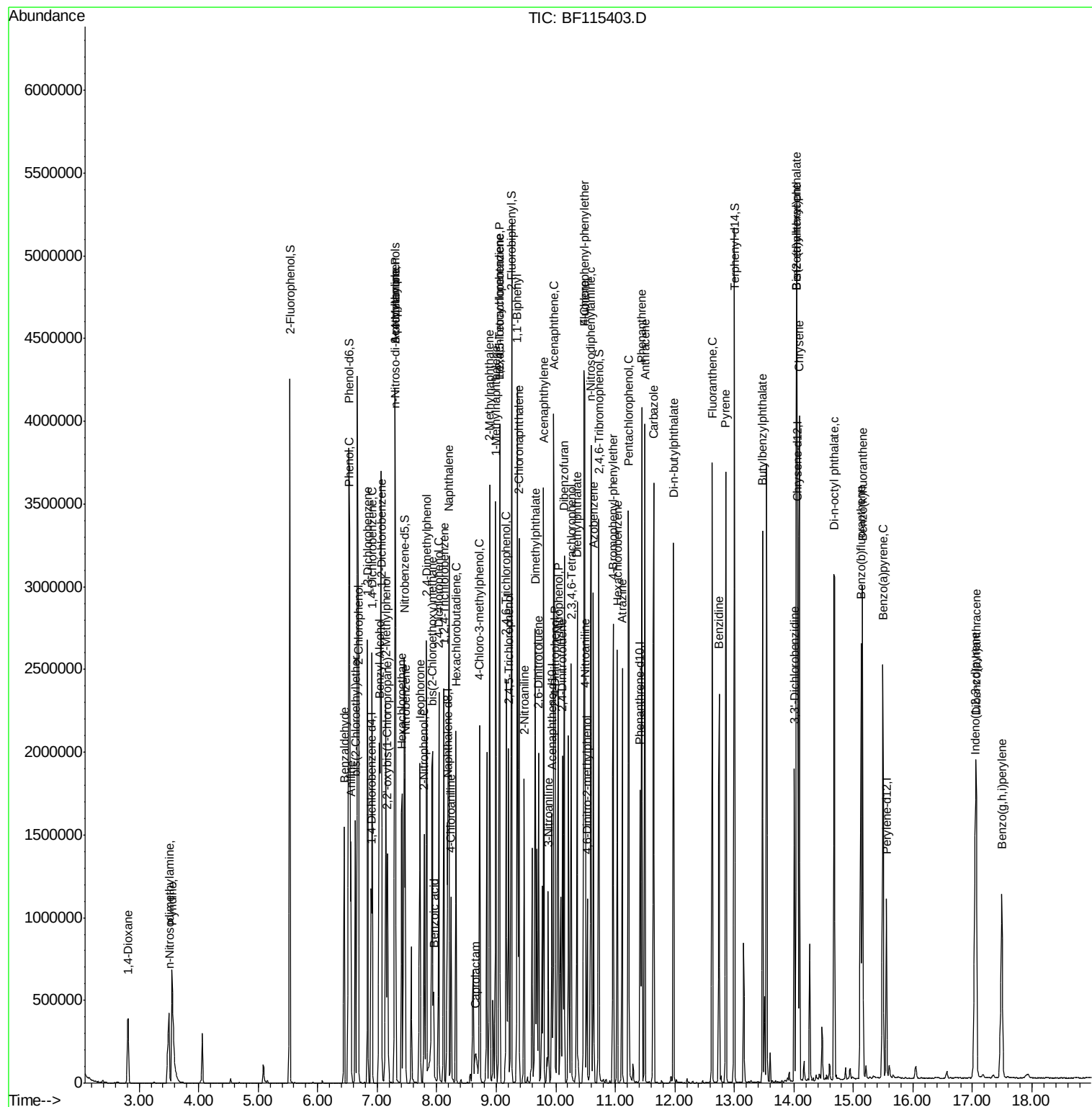
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.05	237	528827	95.540	ng	97
43) 2,4,6-Trichlorophenol	9.17	196	327443	47.096	ng	100
44) 2,4,5-Trichlorophenol	9.21	196	338726	46.984	ng	98
46) 1,1'-Biphenyl	9.36	154	1219810	46.741	ng	98
47) 2-Chloronaphthalene	9.38	162	969665	44.957	ng	99
48) 2-Nitroaniline	9.47	65	292900	46.221	ng	97
49) Acenaphthylene	9.80	152	1469522	45.000	ng	99
50) Dimethylphthalate	9.66	163	1104593	44.333	ng	100
51) 2,6-Dinitrotoluene	9.71	165	253923	46.991	ng	100
52) Acenaphthene	9.97	154	1028130	50.025	ng	99
53) 3-Nitroaniline	9.88	138	193974	30.907	ng	95
54) 2,4-Dinitrophenol	9.99	184	241630	100.792	ng	96
55) Dibenzofuran	10.14	168	1323494	45.715	ng	100
56) 4-Nitrophenol	10.04	139	452852	93.261	ng	99
57) 2,4-Dinitrotoluene	10.12	165	341157	49.678	ng	94
58) Fluorene	10.49	166	984072	43.119	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.26	232	289991	46.563	ng	99
60) Diethylphthalate	10.36	149	1068072	43.551	ng	99
61) 4-Chlorophenyl-phenylether	10.47	204	493905	44.340	ng	97
62) 4-Nitroaniline	10.50	138	278198	45.158	ng	96
63) Azobenzene	10.63	77	1102825	43.624	ng	96
65) 4,6-Dinitro-2-methylphenol	10.53	198	162361	52.015	ng	84
66) n-Nitrosodiphenylamine	10.59	169	920394	45.481	ng	99
67) 4-Bromophenyl-phenylether	10.96	248	319511	44.335	ng	93
68) Hexachlorobenzene	11.03	284	359121	44.408	ng	96
69) Atrazine	11.12	200	301111	48.079	ng	99
70) Pentachlorophenol	11.22	266	431216	87.496	ng	99
71) Phenanthrene	11.45	178	1525781	45.170	ng	100
72) Anthracene	11.50	178	1567680	46.282	ng	100
73) Carbazole	11.65	167	1397476	45.098	ng	100
74) Di-n-butylphthalate	11.98	149	1637077	43.713	ng	99
75) Fluoranthene	12.63	202	1609557	45.256	ng	100
77) Benzidine	12.75	184	824304	44.261	ng	99
78) Pyrene	12.86	202	1629071	43.865	ng	98
80) Butylbenzylphthalate	13.47	149	725770	44.727	ng	99
81) Benzo(a)anthracene	14.05	228	1355276	44.290	ng	99
82) 3,3'-Dichlorobenzidine	14.01	252	378512	34.090	ng	99
83) Chrysene	14.09	228	1392484	44.289	ng	100
84) Bis(2-ethylhexyl)phthalate	14.04	149	897652	44.670	ng	99
85) Di-n-octyl phthalate	14.68	149	1638472	45.801	ng	99
86) Indeno(1,2,3-cd)pyrene	17.04	276	1223936	47.912	ng	100
88) Benzo(b)fluoranthene	15.13	252	1359278	43.106	ng	98
89) Benzo(k)fluoranthene	15.16	252	1300421	46.371	ng	99
90) Benzo(a)pyrene	15.50	252	1256191	46.187	ng	99
91) Dibenzo(a,h)anthracene	17.06	278	1023746	44.049	ng	99
92) Benzo(g,h,i)perylene	17.50	276	986372	44.839	ng	98

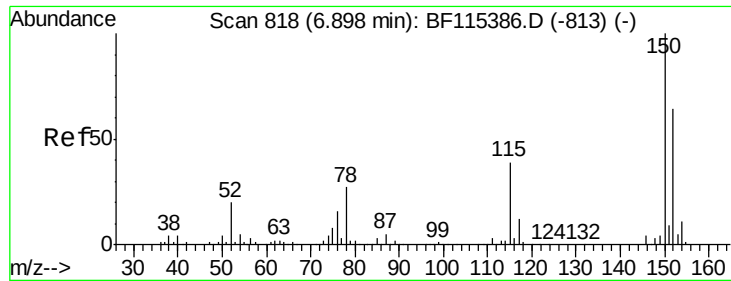
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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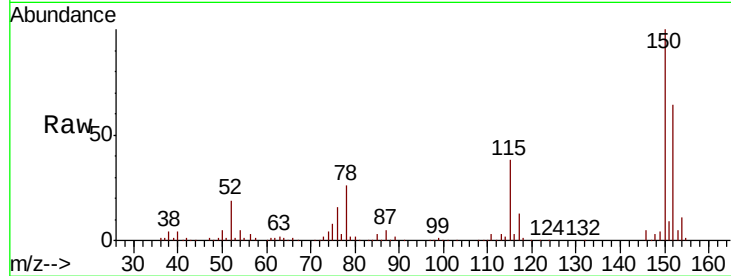


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.90 min Scan# 818
Delta R.T. 0.00 min
Lab File: BF115403.D
Acq: 8 Jul 2019 13:42

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.6	125.1	187.7
115	59.9	50.2	75.2

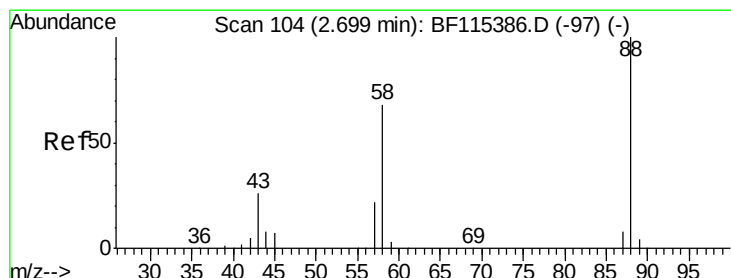
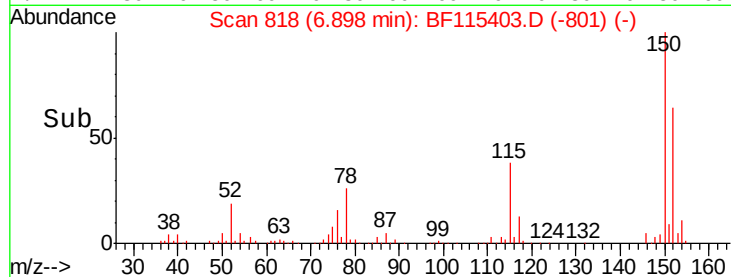
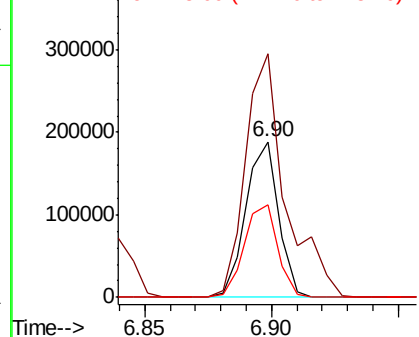


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

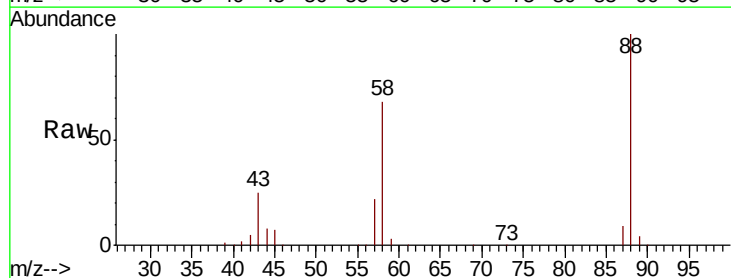
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 42.396 ng
RT: 2.82 min Scan# 124
Delta R.T. 0.11 min
Lab File: BF115403.D
Acq: 8 Jul 2019 13:42

Tgt Ion	Ratio	Lower	Upper
88	100		
58	69.0	54.4	81.6
43	25.7	20.7	31.1

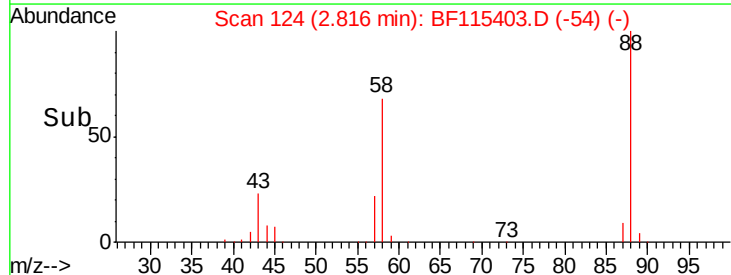
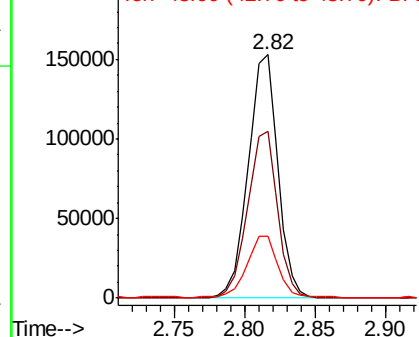


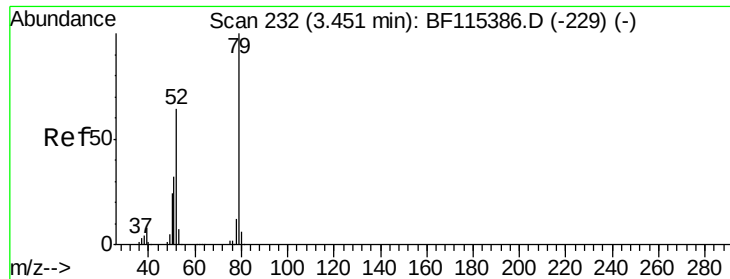
Abundance

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: 39.252 ng

RT: 3.55 min Scan# 249

Delta R.T. 0.09 min

Lab File: BF115403.D

Acq: 8 Jul 2019 13:42

Instrument :

BNA_F

ClientSampleId :

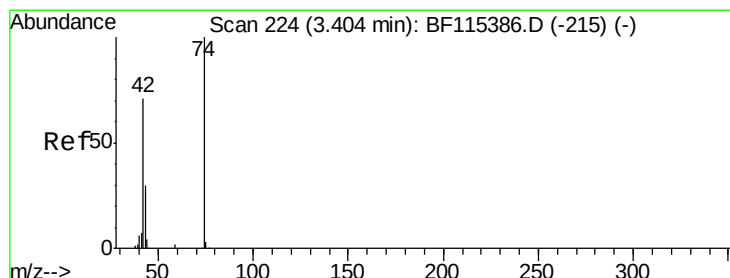
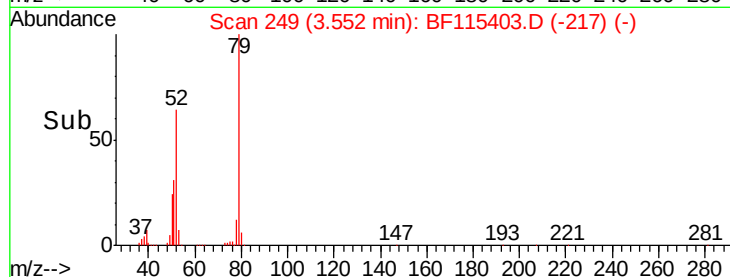
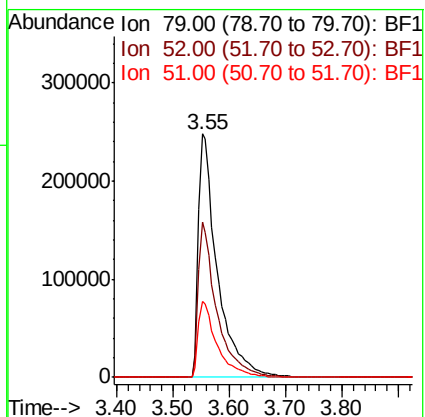
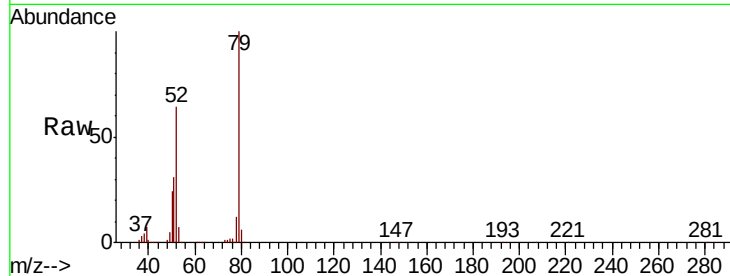
Tot Ion: 79 Resp: 579739

Ion Ratio Lower Upper

79 100

52 63.6 49.9 74.9

51 31.4 25.0 37.6



#4

n-Nitrosodimethylamine

Concen: 40.297 ng

RT: 3.50 min Scan# 241

Delta R.T. 0.09 min

Lab File: BF115403.D

Acq: 8 Jul 2019 13:42

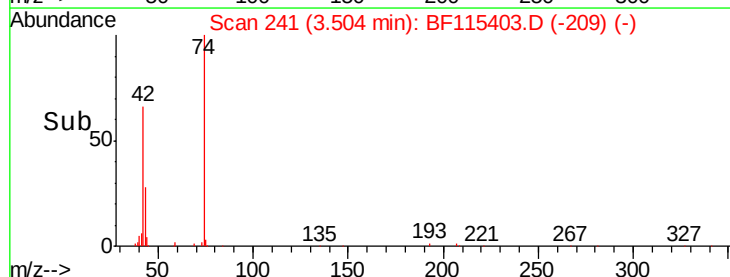
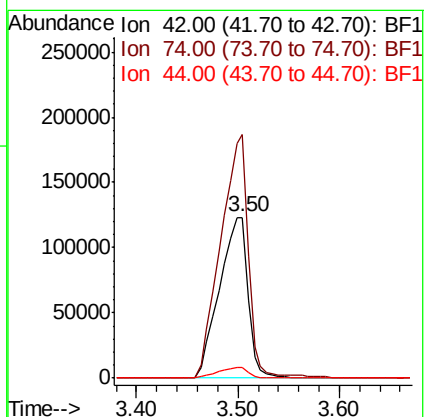
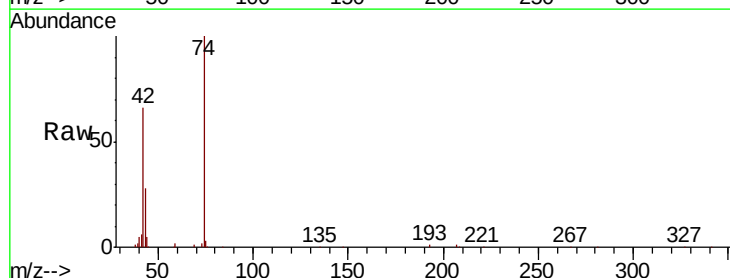
Tgt Ion: 42 Resp: 241350

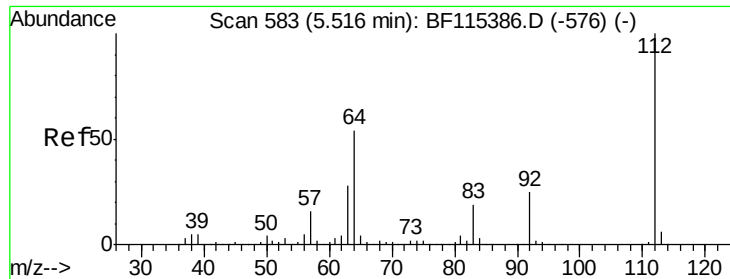
Ion Ratio Lower Upper

42 100

74 151.6 116.6 174.8

44 7.0 5.2 7.8





#5

2-Fluorophenol

Concen: 120.546 ng

RT: 5.53 min Scan# 586

Delta R.T. 0.01 min

Lab File: BF115403.D

Acq: 8 Jul 2019 13:42

Instrument :

BNA_F

ClientSampleId :

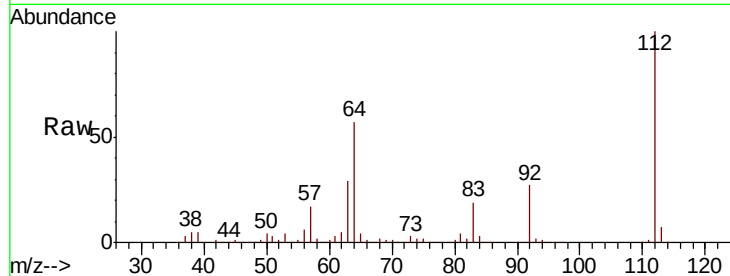
Tot Ion: 112 Resp: 1312695

Ion Ratio Lower Upper

112 100

64 56.8 43.4 65.2

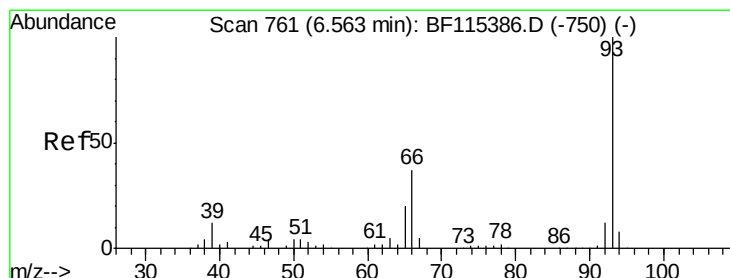
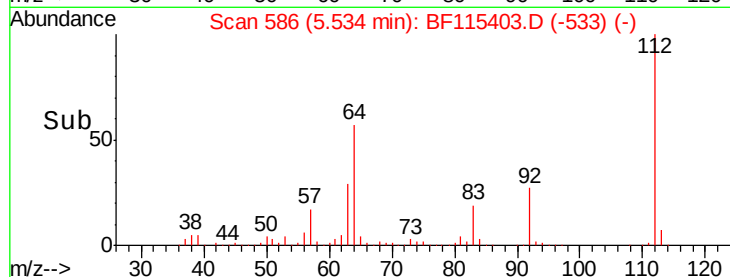
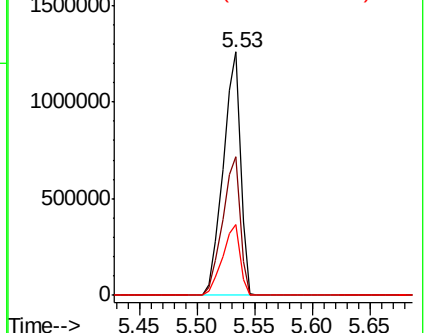
63 29.2 22.4 33.6



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: 32.191 ng

RT: 6.56 min Scan# 760

Delta R.T. -0.01 min

Lab File: BF115403.D

Acq: 8 Jul 2019 13:42

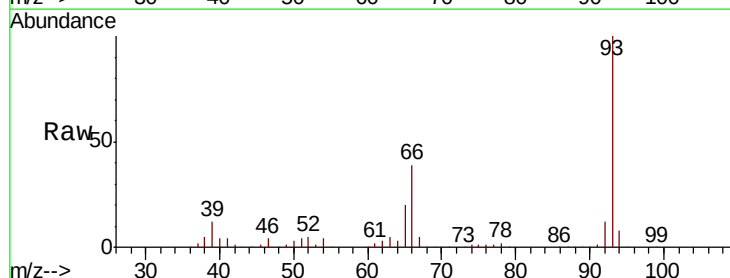
Tgt Ion: 93 Resp: 629134

Ion Ratio Lower Upper

93 100

66 39.3 31.4 47.2

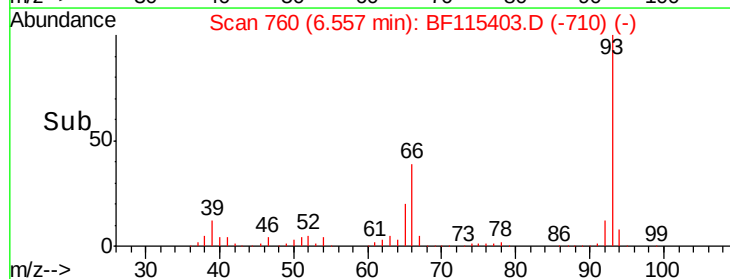
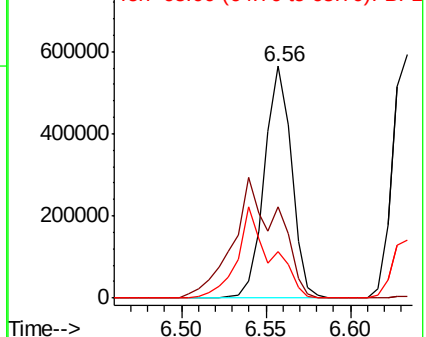
65 20.2 16.2 24.2

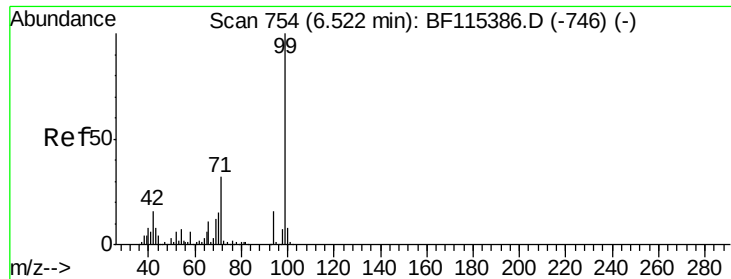


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 122.372 ng

RT: 6.53 min Scan# 755

Delta R.T. 0.00 min

Lab File: BF115403.D

Acq: 8 Jul 2019 13:42

Instrument :

BNA_F

ClientSampleId :

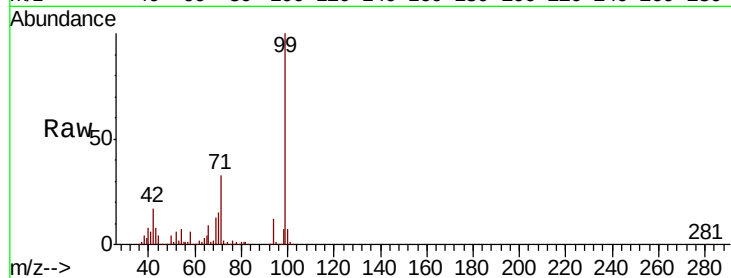
Tot Ion: 99 Resp: 1694765

Ion Ratio Lower Upper

99 100

42 16.5 13.4 20.0

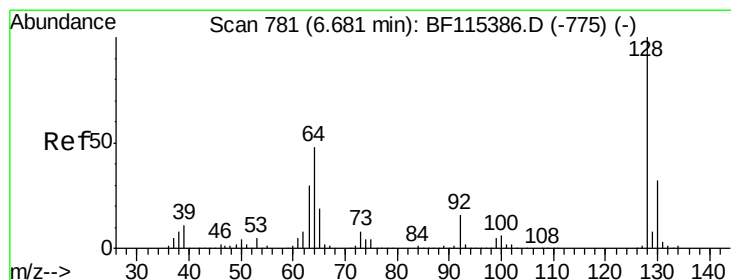
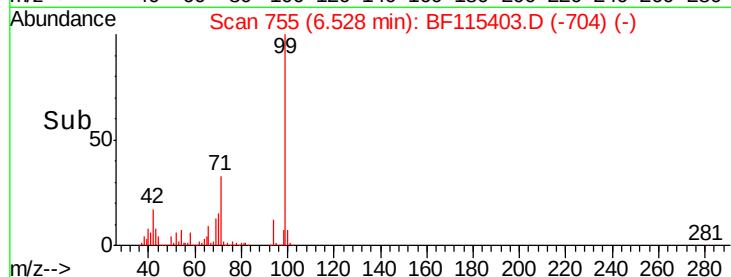
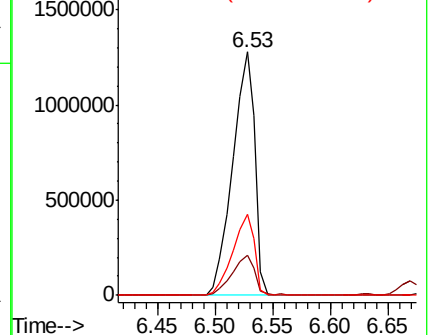
71 33.4 26.5 39.7



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: 43.080 ng

RT: 6.69 min Scan# 782

Delta R.T. 0.00 min

Lab File: BF115403.D

Acq: 8 Jul 2019 13:42

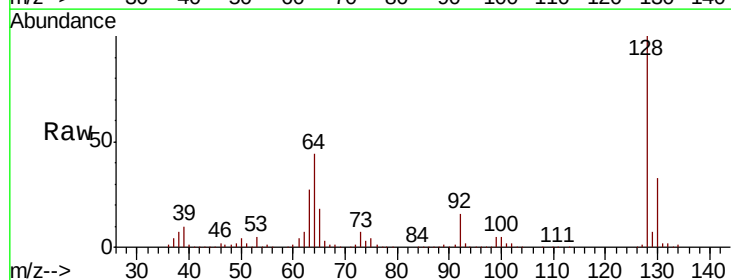
Tgt Ion:128 Resp: 529710

Ion Ratio Lower Upper

128 100

130 33.0 12.6 52.6

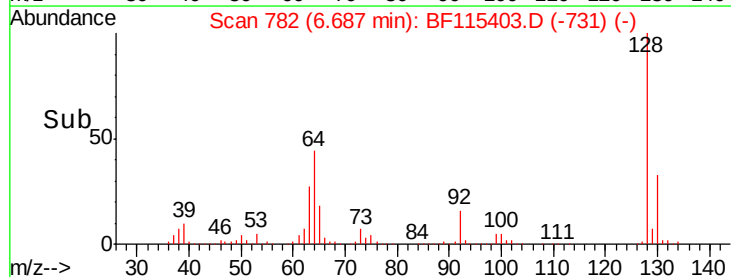
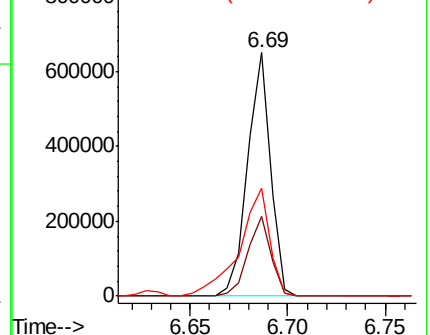
64 44.3 26.6 66.6

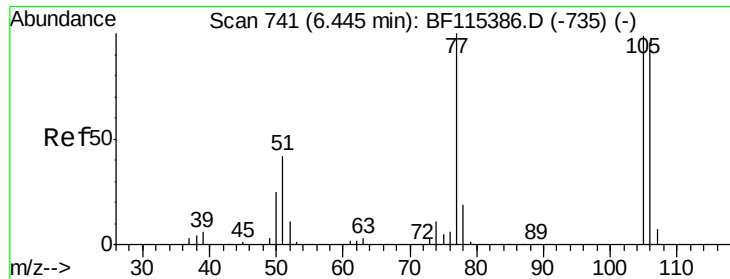


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 37.226 ng

RT: 6.45 min Scan# 741

Delta R.T. 0.00 min

Lab File: BF115403.D

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ClientSampleId :

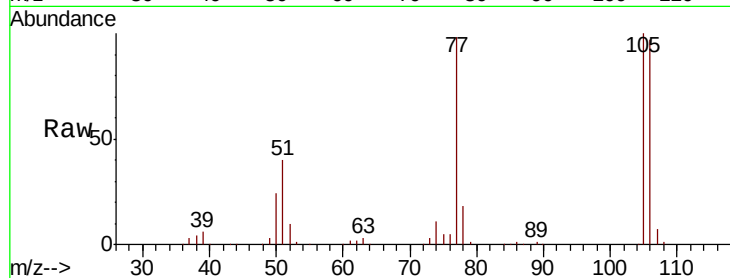
Tot Ion: 77 Resp: 300704

Ion Ratio Lower Upper

77 100

105 102.1 77.6 117.6

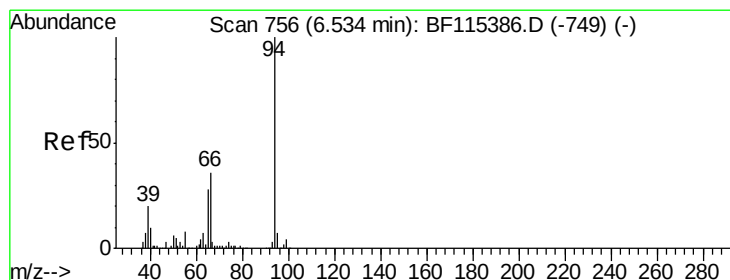
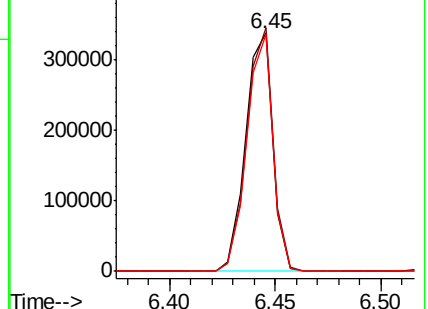
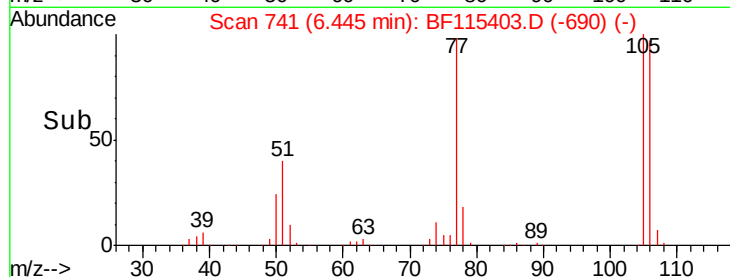
106 99.3 73.3 113.3



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: 41.379 ng

RT: 6.54 min Scan# 757

Delta R.T. -0.01 min

Lab File: BF115403.D

Acq: 8 Jul 2019 13:42

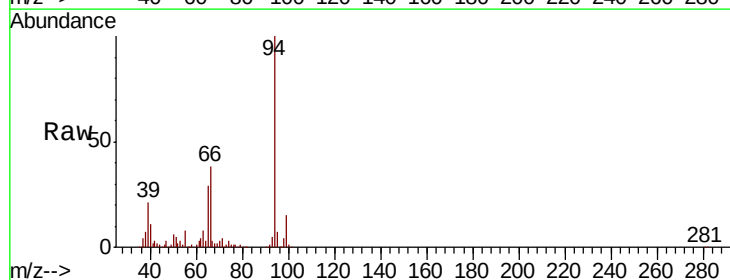
Tgt Ion: 94 Resp: 685652

Ion Ratio Lower Upper

94 100

65 28.5 9.4 49.4

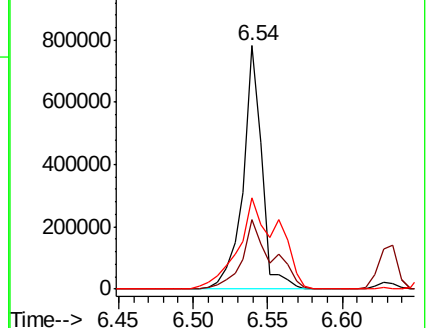
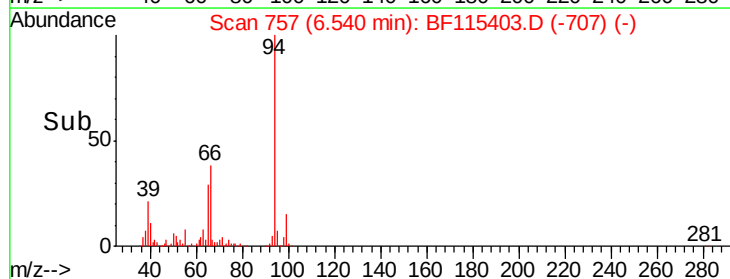
66 37.6 20.4 60.4

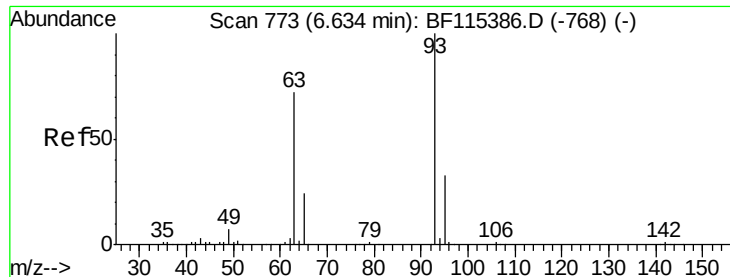


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

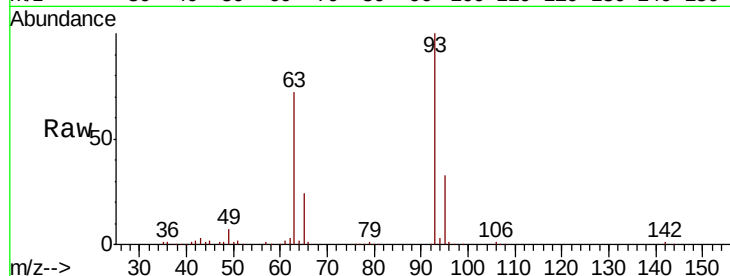




#11
bis(2-Chloroethyl)ether
Concen: 41.390 ng
RT: 6.63 min Scan# 773
Delta R.T. 0.00 min
Lab File: BF115403.D
Acq: 8 Jul 2019 13:42

Instrument :
BNA_F
ClientSampleId :

Tot Ion	93	Resp	508798
Ion Ratio	100	Lower	Upper
63	71.9	54.8	94.8
95	33.4	13.0	53.0

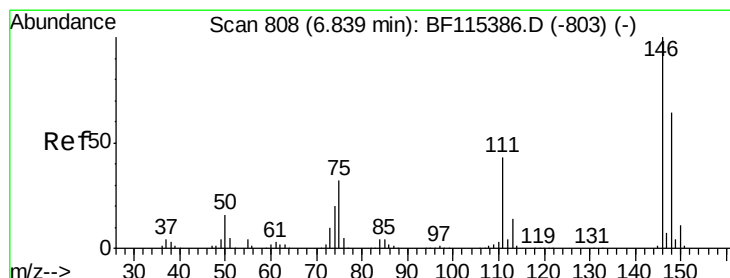
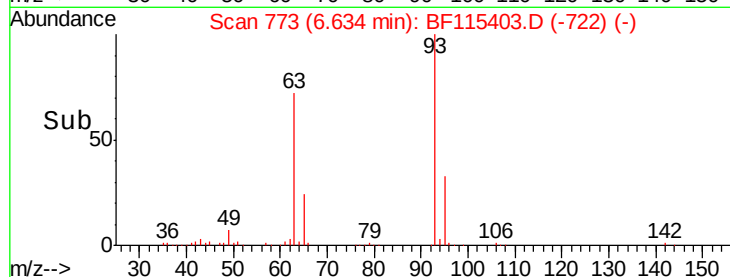
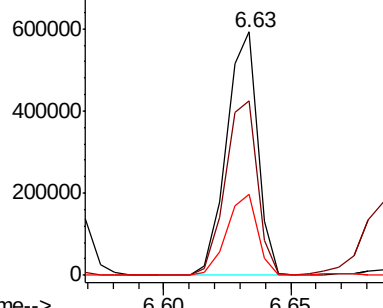


Abundance

Ion 93.00 (92.70 to 93.70): BF1

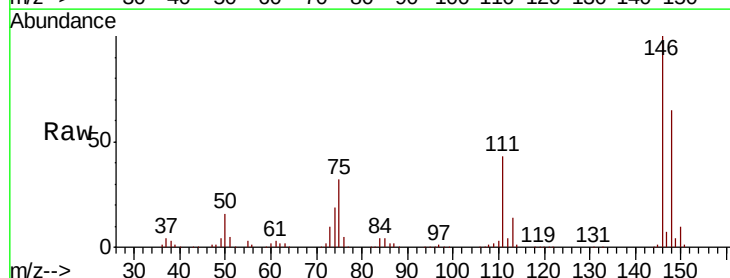
Ion 63.00 (62.70 to 63.70): BF1

Ion 95.00 (94.70 to 95.70): BF1



#12
1,3-Dichlorobenzene
Concen: 41.816 ng
RT: 6.84 min Scan# 808
Delta R.T. -0.01 min
Lab File: BF115403.D
Acq: 8 Jul 2019 13:42

Tgt Ion	146	Resp	563322
Ion Ratio	100	Lower	Upper
148	64.6	52.0	78.0
75	32.4	24.6	36.8

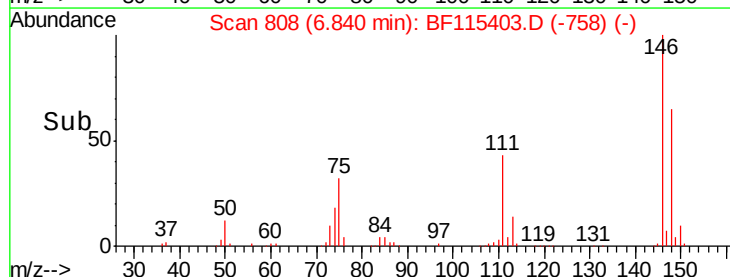
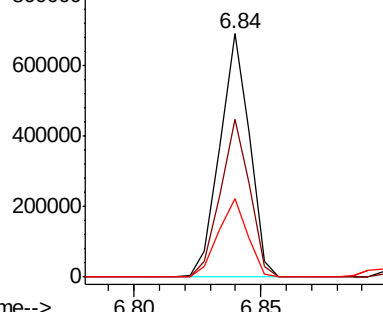


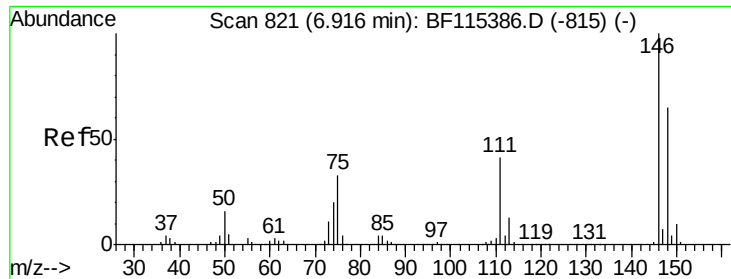
Abundance

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

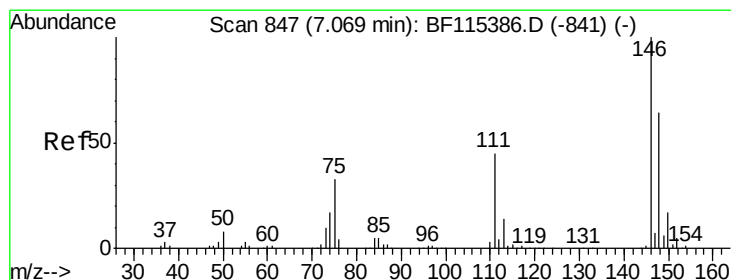
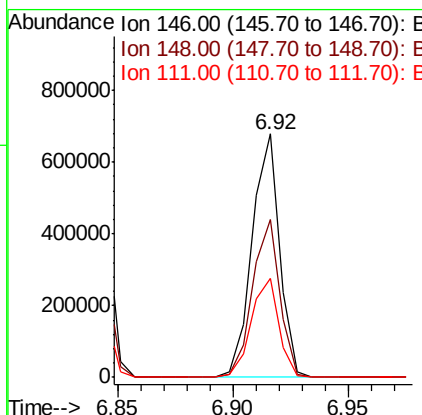
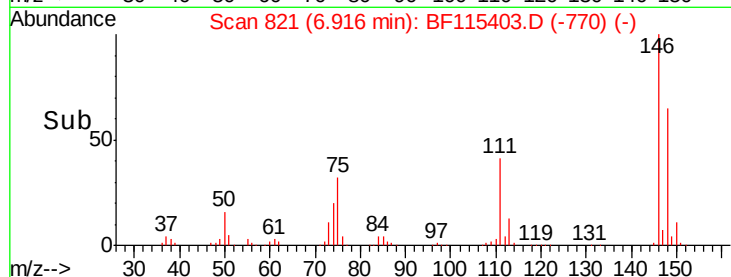
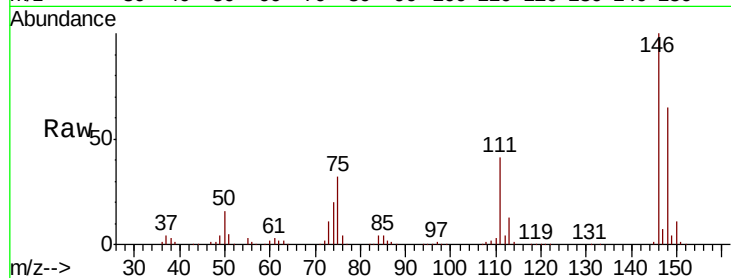




#13
 1,4-Dichlorobenzene
 Concen: 41.830 ng
 RT: 6.92 min Scan# 821
 Delta R.T. 0.00 min
 Lab File: BF115403.D
 Acq: 8 Jul 2019 13:42

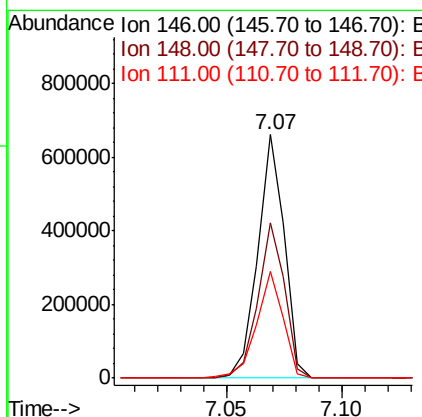
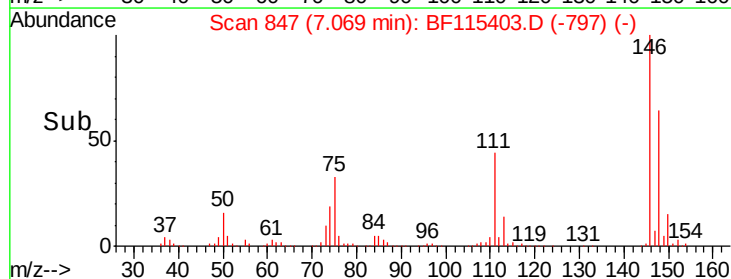
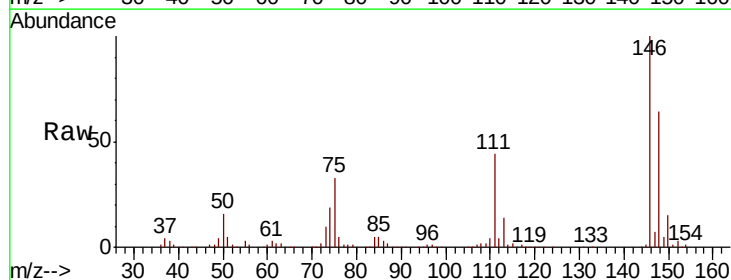
Instrument :
 BNA_F
 ClientSampleId :

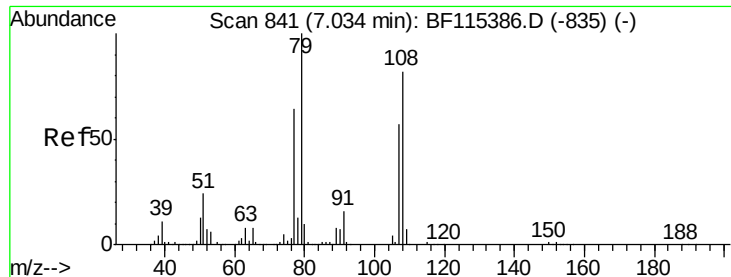
Tot Ion:146 Resp: 564443
 Ion Ratio Lower Upper
 146 100
 148 65.0 51.4 77.0
 111 40.7 34.0 51.0



#14
 1,2-Dichlorobenzene
 Concen: 42.409 ng
 RT: 7.07 min Scan# 847
 Delta R.T. -0.01 min
 Lab File: BF115403.D
 Acq: 8 Jul 2019 13:42

Tgt Ion:146 Resp: 529825
 Ion Ratio Lower Upper
 146 100
 148 63.6 51.7 77.5
 111 44.0 34.6 51.8





#15

Benzyl Alcohol

Concen: 42.785 ng

RT: 7.03 min Scan# 841

Delta R.T. -0.01 min

Lab File: BF115403.D

Acq: 8 Jul 2019 13:42

Instrument :

BNA_F

ClientSampleId :

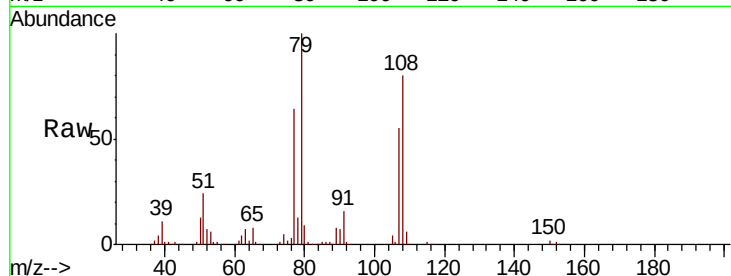
Tot Ion: 79 Resp: 475484

Ion Ratio Lower Upper

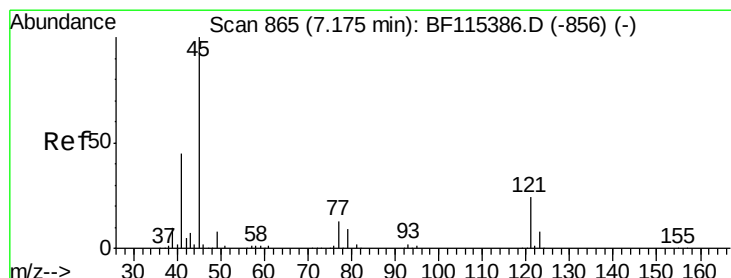
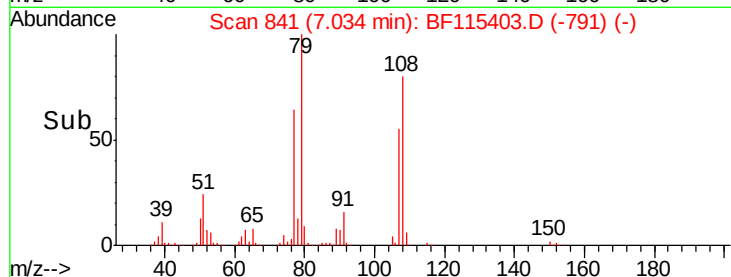
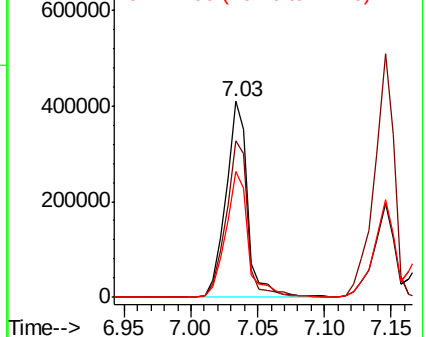
79 100

108 79.6 65.9 98.9

77 64.1 51.1 76.7



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: 40.302 ng

RT: 7.17 min Scan# 864

Delta R.T. -0.01 min

Lab File: BF115403.D

Acq: 8 Jul 2019 13:42

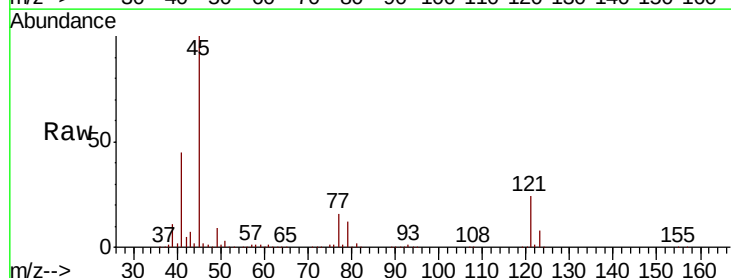
Tgt Ion: 45 Resp: 692709

Ion Ratio Lower Upper

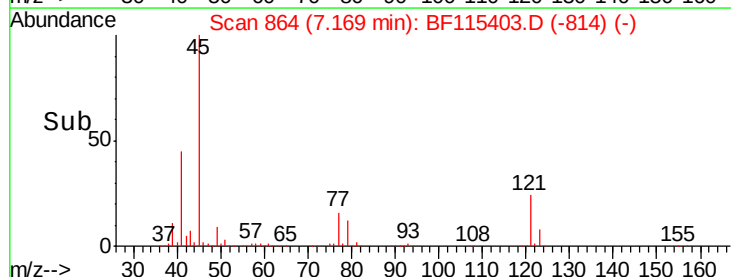
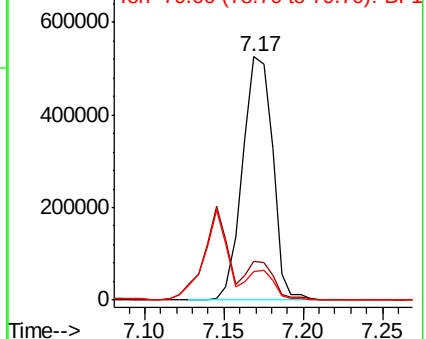
45 100

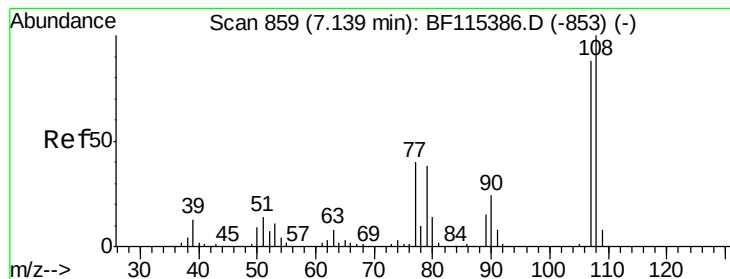
77 16.0 0.0 35.8

79 11.8 0.0 32.1



Abundance Ion 45.00 (44.70 to 45.70): BF1
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

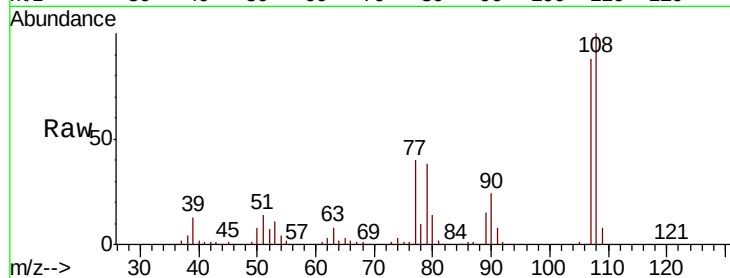




#17
2-Methylphenol
Concen: 42.246 ng
RT: 7.15 min Scan# 860
Delta R.T. 0.00 min
Lab File: BF115403.D
Acq: 8 Jul 2019 13:42

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
107	100		
108	113.2	91.2	136.8
77	45.3	36.6	54.8
79	43.5	35.1	52.7



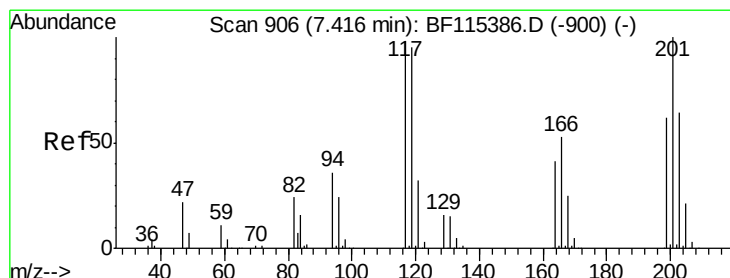
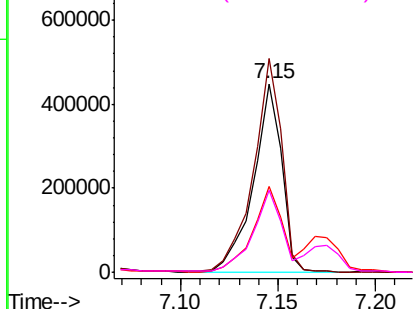
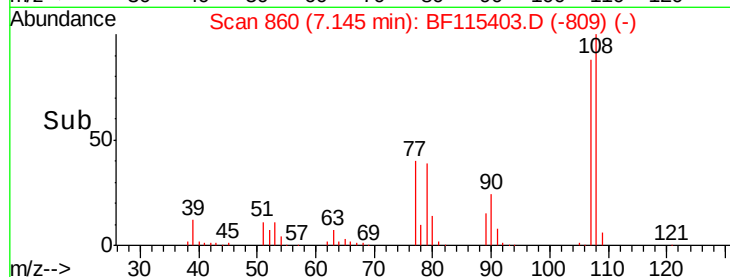
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

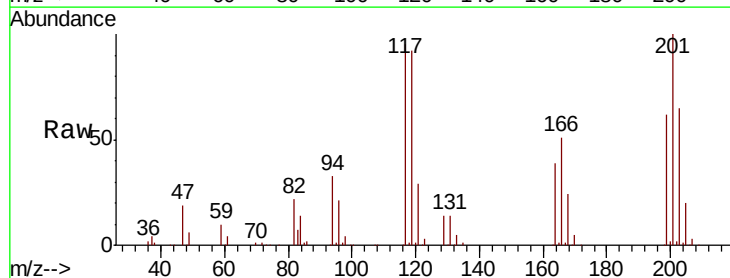
Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18
Hexachloroethane
Concen: 42.437 ng
RT: 7.42 min Scan# 906
Delta R.T. 0.00 min
Lab File: BF115403.D
Acq: 8 Jul 2019 13:42

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.5	76.3	114.5
201	105.1	78.5	117.7

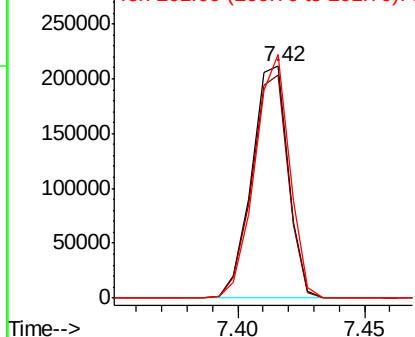
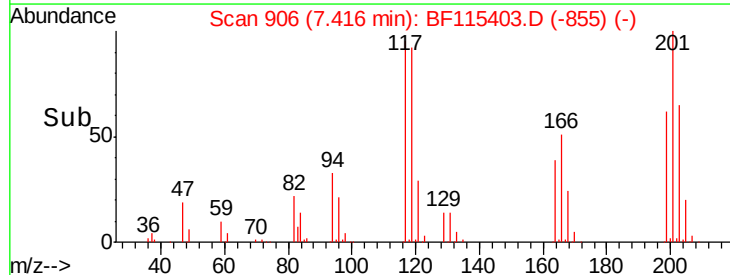


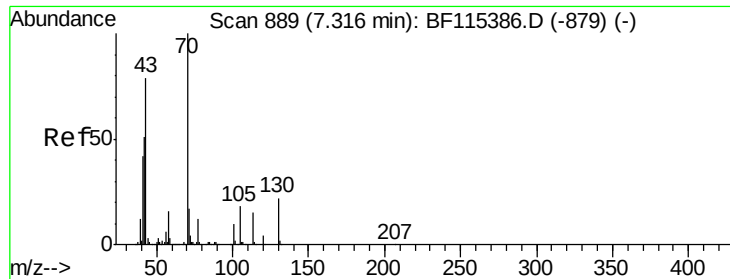
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

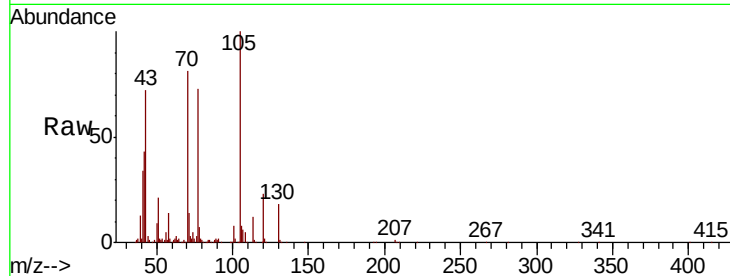




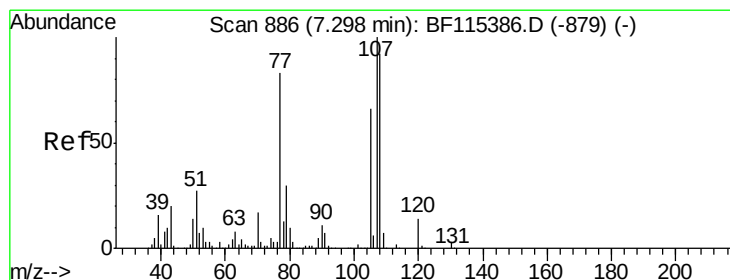
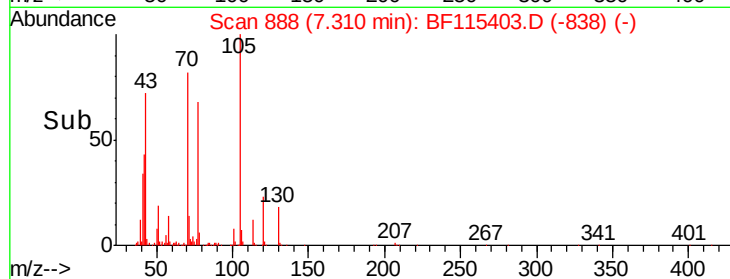
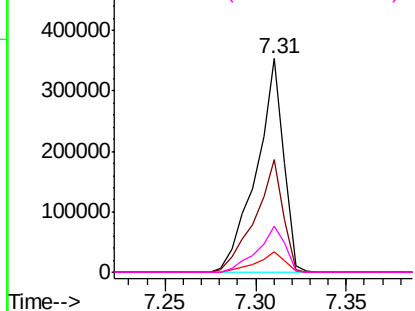
#19
n-Nitroso-di-n-propylamine
Concen: 39.542 ng
RT: 7.31 min Scan# 888
Delta R.T. -0.01 min
Lab File: BF115403.D
Acq: 8 Jul 2019 13:42

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 70 Resp: 370492
Ion Ratio Lower Upper
70 100
42 52.9 42.3 63.5
101 9.7 7.6 11.4
130 21.8 17.0 25.4



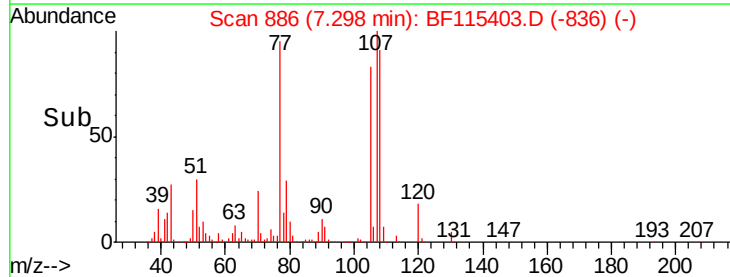
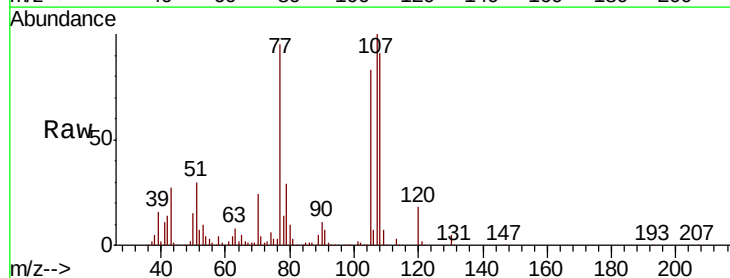
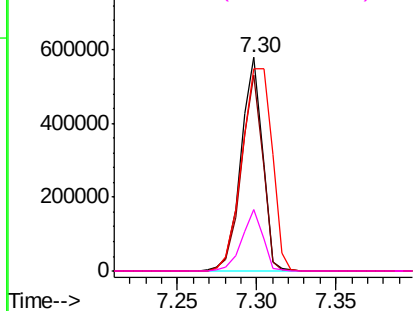
Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

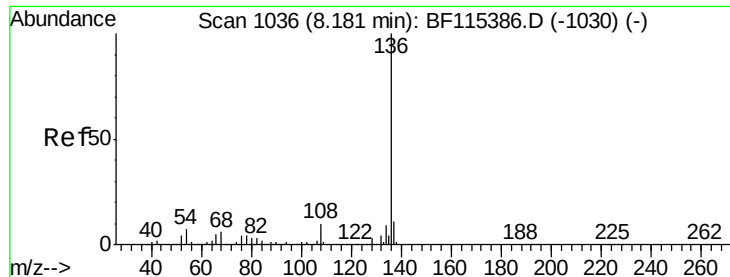


#20
3+4-Methylphenols
Concen: 43.920 ng
RT: 7.30 min Scan# 886
Delta R.T. -0.01 min
Lab File: BF115403.D
Acq: 8 Jul 2019 13:42

Tgt Ion:107 Resp: 546504
Ion Ratio Lower Upper
107 100
108 91.5 72.3 112.3
77 94.8 73.4 113.4
79 28.6 10.2 50.2

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

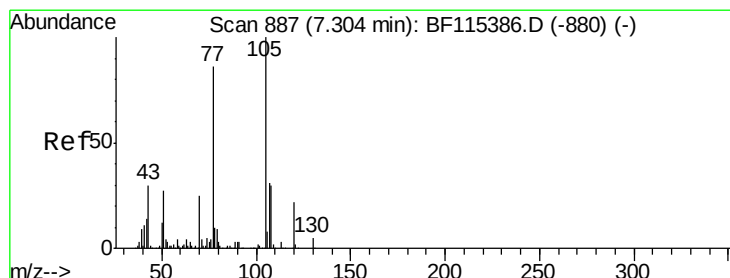
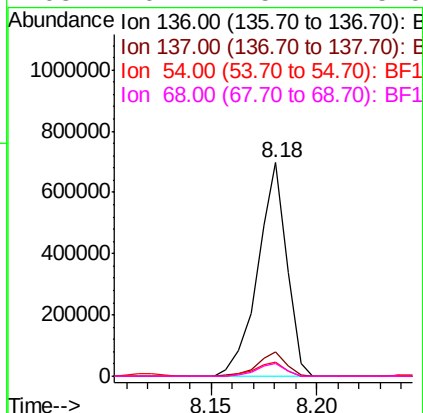
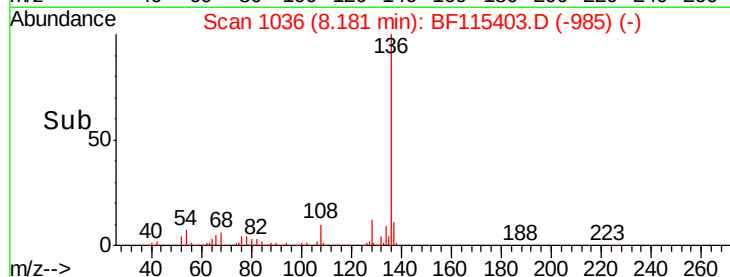
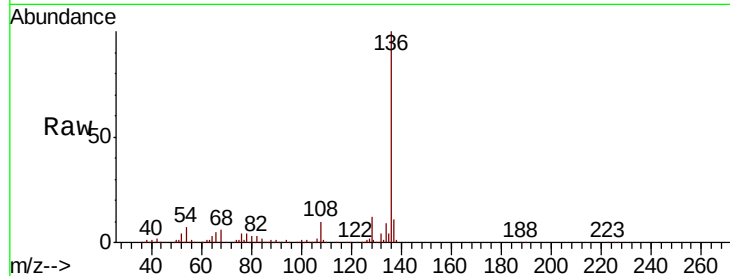




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.18 min Scan# 1036
Delta R.T. 0.00 min
Lab File: BF115403.D
Acq: 8 Jul 2019 13:42

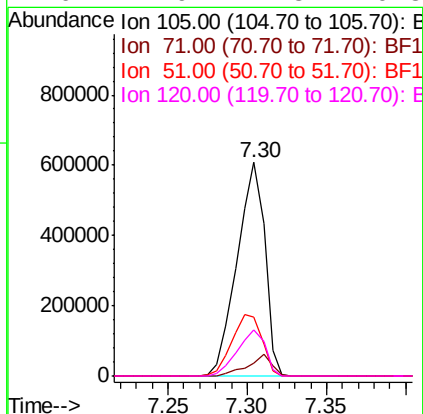
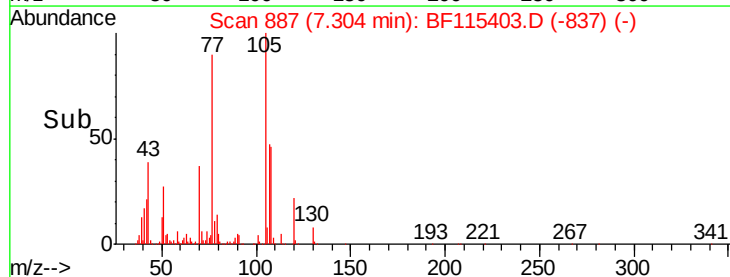
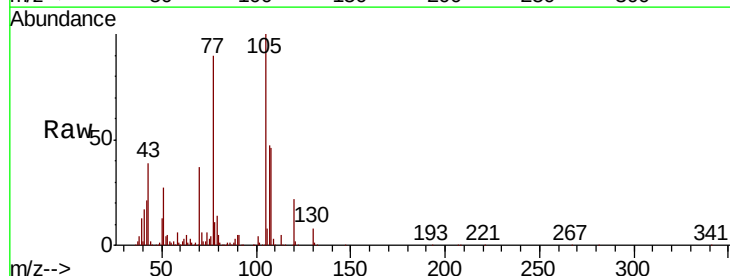
Instrument :
BNA_F
ClientSampleId :

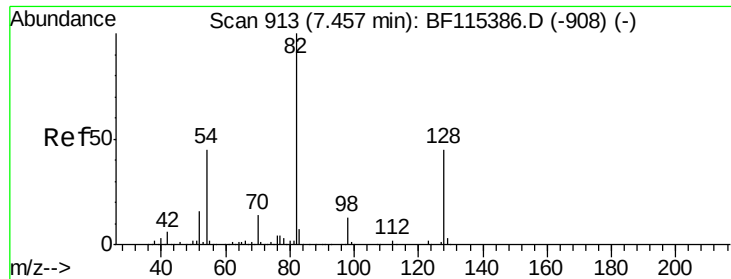
Tot Ion:136	Resp: 664475
Ion Ratio	Lower Upper
136 100	
137 11.2	9.1 13.7
54 6.7	6.1 9.1
68 6.2	5.4 8.0



#22
Acetophenone
Concen: 46.158 ng
RT: 7.30 min Scan# 887
Delta R.T. -0.01 min
Lab File: BF115403.D
Acq: 8 Jul 2019 13:42

Tgt	Ion:105	Resp:	734927
Ion	Ratio	Lower	Upper
105	100		
71	6.3	3.8	5.8#
51	27.4	20.9	31.3
120	21.9	17.8	26.8

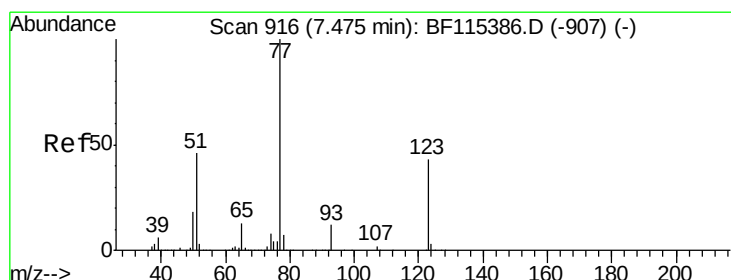
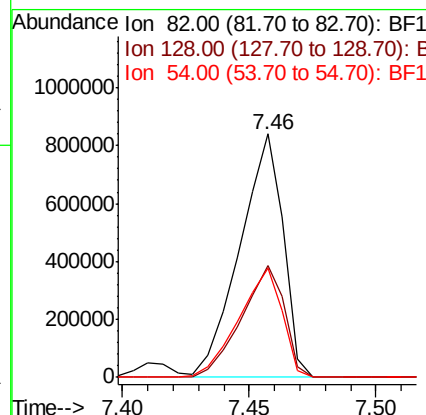
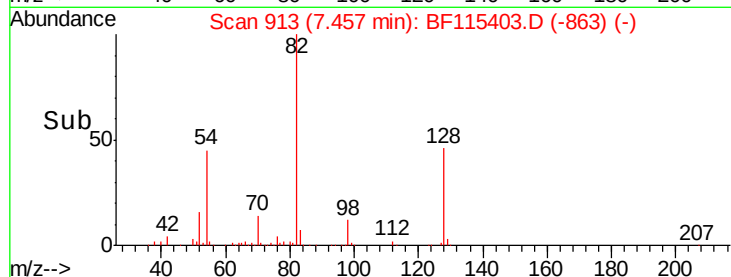
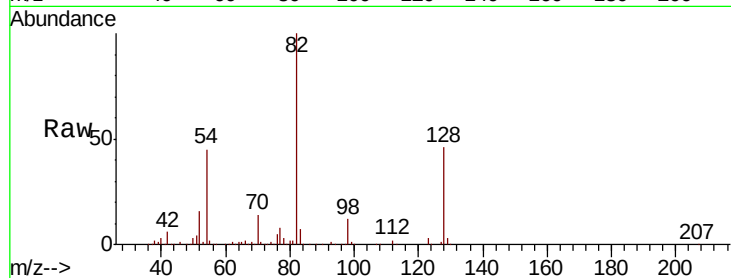




#23
 Nitrobenzene-d5
 Concen: 88.571 ng
 RT: 7.46 min Scan# 913
 Delta R.T. -0.01 min
 Lab File: BF115403.D
 Acq: 8 Jul 2019 13:42

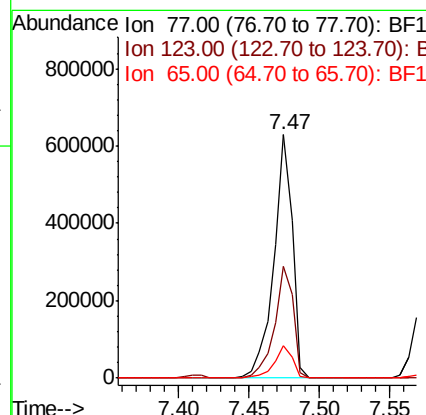
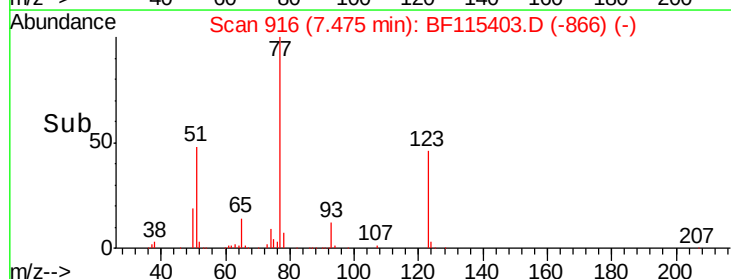
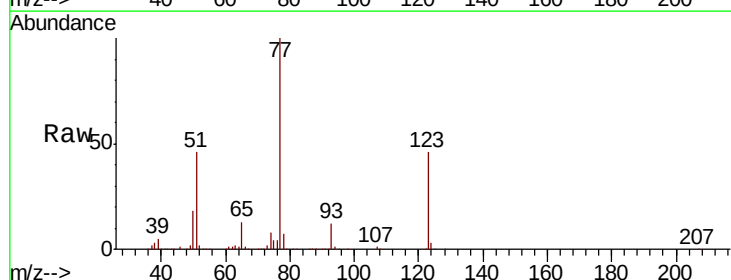
Instrument :
 BNA_F
 ClientSampled :

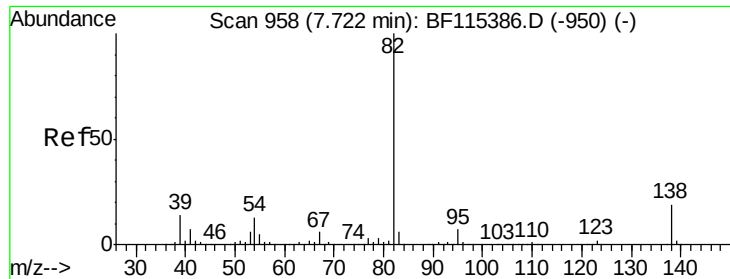
Tot Ion	82	Resp	996103
Ion Ratio	Lower	Upper	
82	100		
128	45.8	36.2	54.4
54	44.6	35.8	53.6



#24
 Nitrobenzene
 Concen: 45.831 ng
 RT: 7.47 min Scan# 916
 Delta R.T. -0.01 min
 Lab File: BF115403.D
 Acq: 8 Jul 2019 13:42

Tgt Ion	77	Resp	582102
Ion Ratio	Lower	Upper	
77	100		
123	46.0	36.7	55.1
65	13.1	10.8	16.2





#25

Isophorone

Concen: 43.313 ng

RT: 7.72 min Scan# 957

Delta R.T. -0.01 min

Lab File: BF115403.D

Acq: 8 Jul 2019 13:42

Instrument :

BNA_F

ClientSampled :

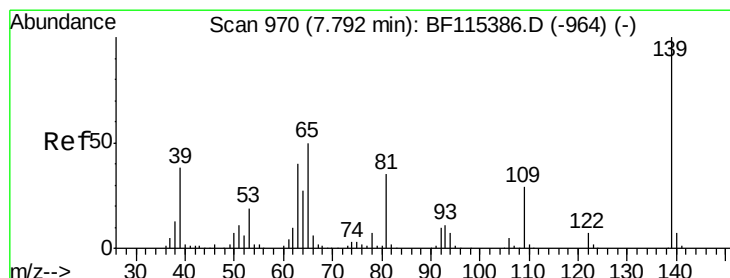
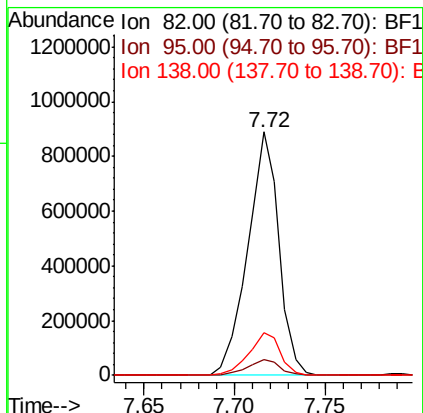
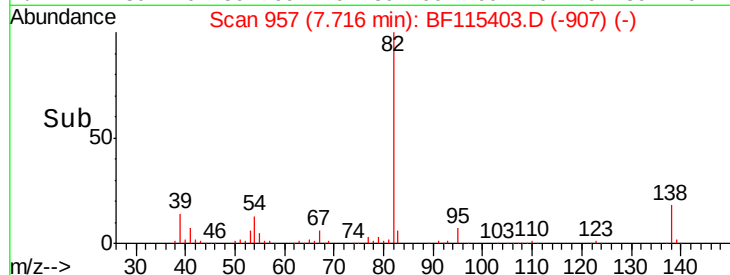
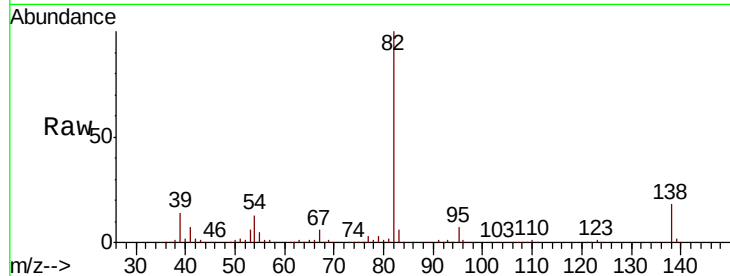
Tot Ion: 82 Resp: 1055848

Ion Ratio Lower Upper

82 100

95 6.7 5.4 8.0

138 17.6 14.3 21.5



#26

2-Nitrophenol

Concen: 52.573 ng

RT: 7.79 min Scan# 970

Delta R.T. -0.01 min

Lab File: BF115403.D

Acq: 8 Jul 2019 13:42

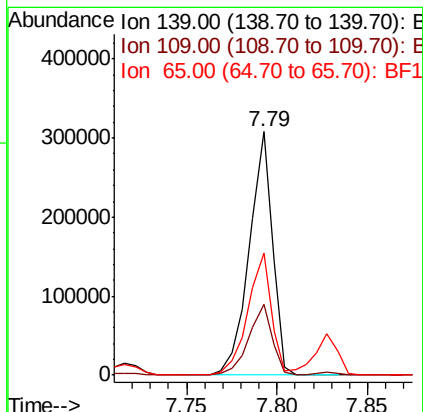
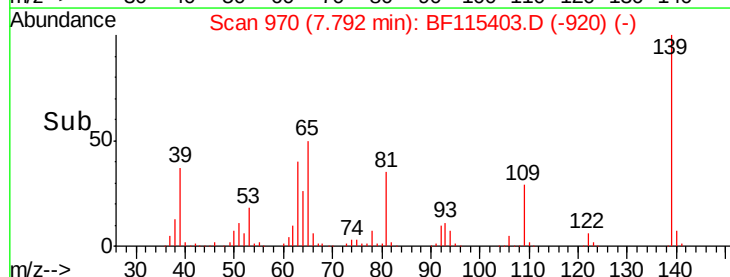
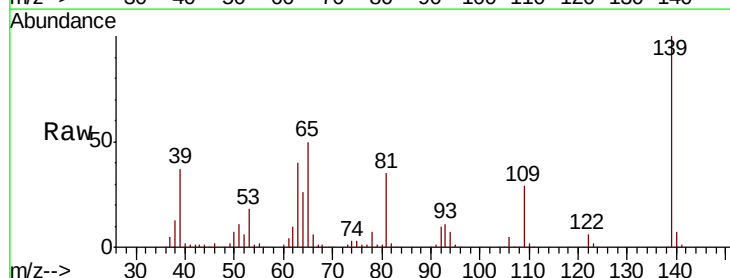
Tgt Ion: 139 Resp: 274525

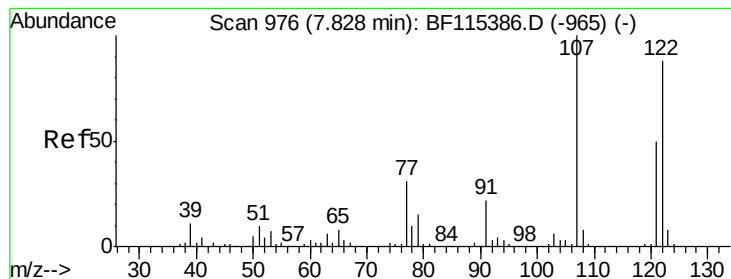
Ion Ratio Lower Upper

139 100

109 29.0 22.2 33.4

65 49.9 35.6 53.4





#27

2,4-Dimethylphenol

Concen: 51.347 ng

RT: 7.83 min Scan# 976

Delta R.T. -0.01 min

Lab File: BF115403.D

Acq: 8 Jul 2019 13:42

Instrument :

BNA_F

ClientSampleId :

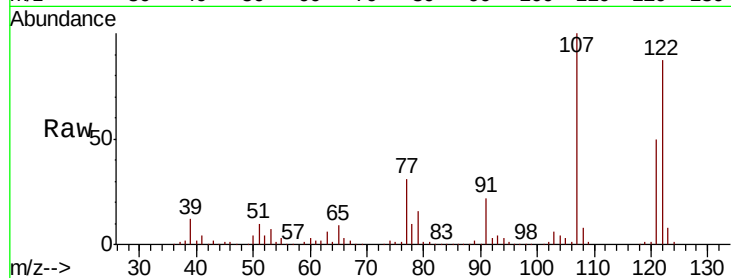
Tot Ion:122 Resp: 511268

Ion Ratio Lower Upper

122 100

107 114.6 89.4 134.2

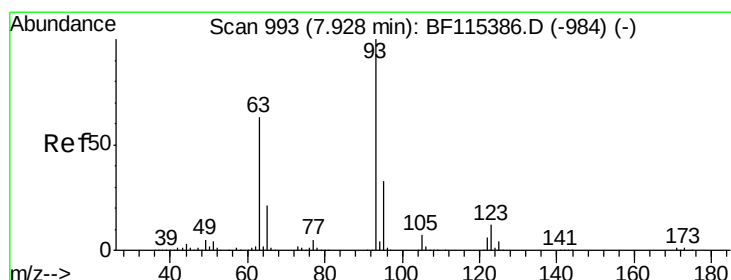
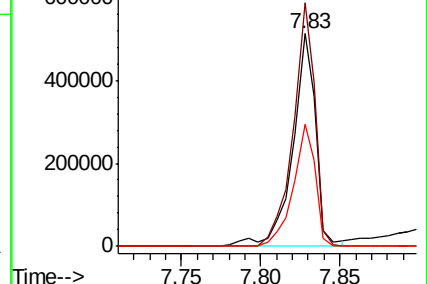
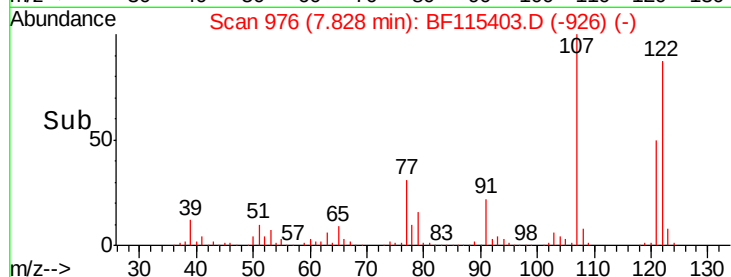
121 57.5 46.6 69.8



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 43.153 ng

RT: 7.93 min Scan# 993

Delta R.T. 0.00 min

Lab File: BF115403.D

Acq: 8 Jul 2019 13:42

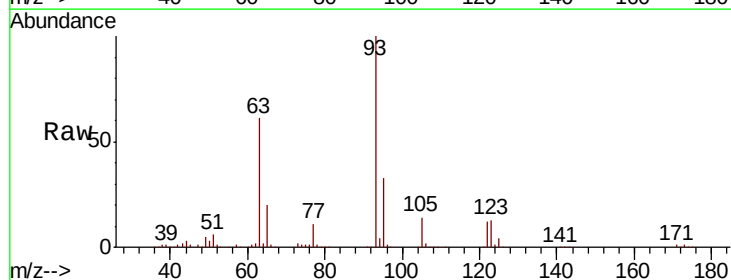
Tgt Ion: 93 Resp: 648670

Ion Ratio Lower Upper

93 100

95 33.3 26.9 40.3

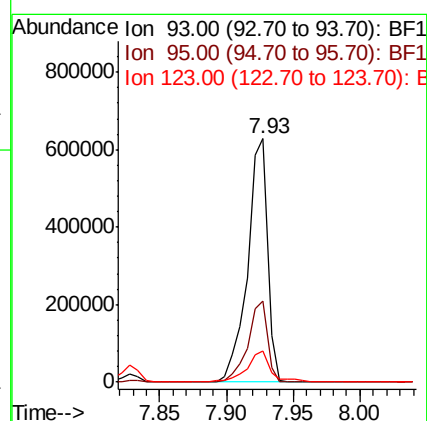
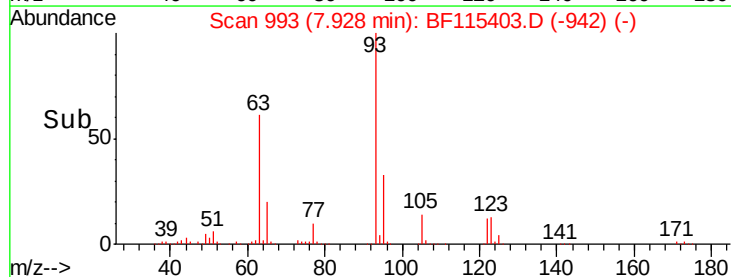
123 13.0 9.6 14.4

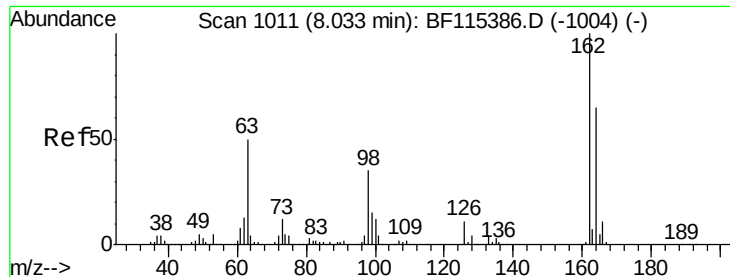


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

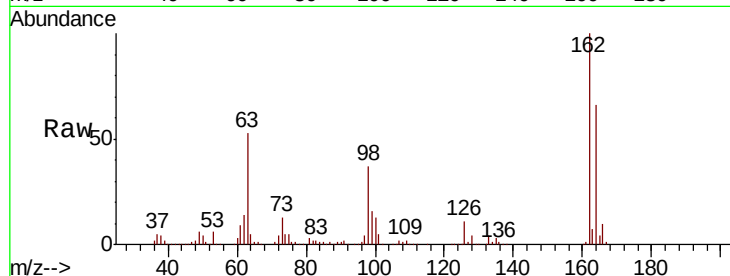




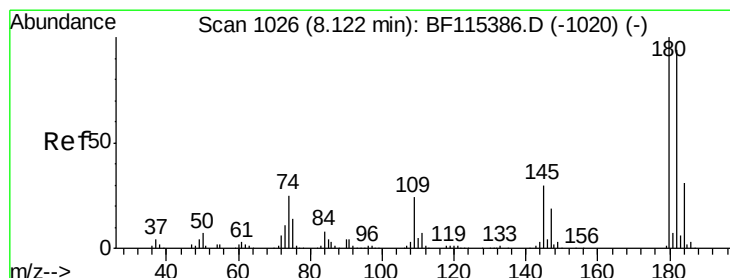
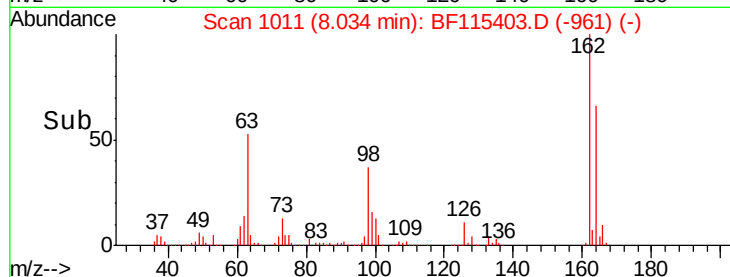
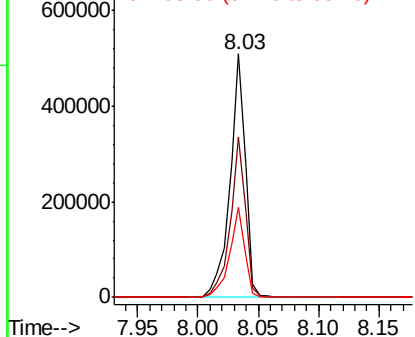
#29
2,4-Dichlorophenol
Concen: 45.626 ng
RT: 8.03 min Scan# 1011
Delta R.T. -0.01 min
Lab File: BF115403.D
Acq: 8 Jul 2019 13:42

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	66.0	44.5	84.5
98	37.1	15.2	55.2

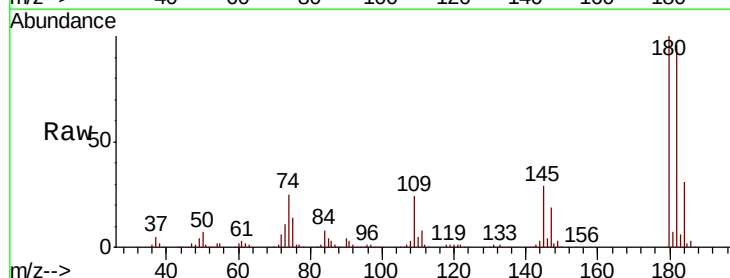


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

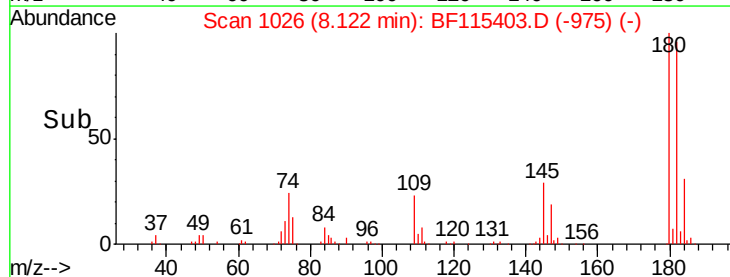
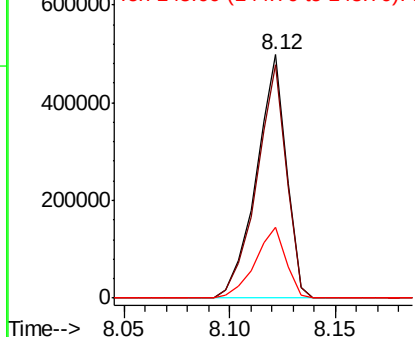


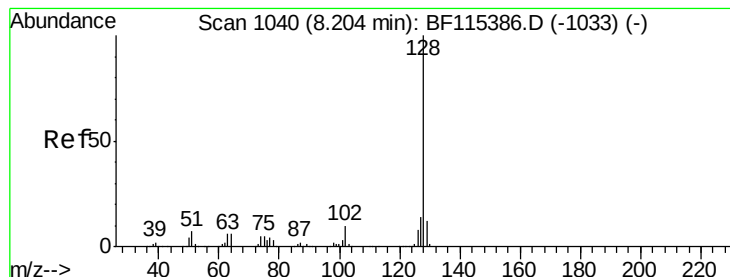
#30
1,2,4-Trichlorobenzene
Concen: 44.450 ng
RT: 8.12 min Scan# 1026
Delta R.T. 0.00 min
Lab File: BF115403.D
Acq: 8 Jul 2019 13:42

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.8	75.9	113.9
145	29.2	24.6	36.8



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: 45.526 ng

RT: 8.20 min Scan# 1040

Delta R.T. 0.00 min

Lab File: BF115403.D

Acq: 8 Jul 2019 13:42

Instrument :

BNA_F

ClientSampleId :

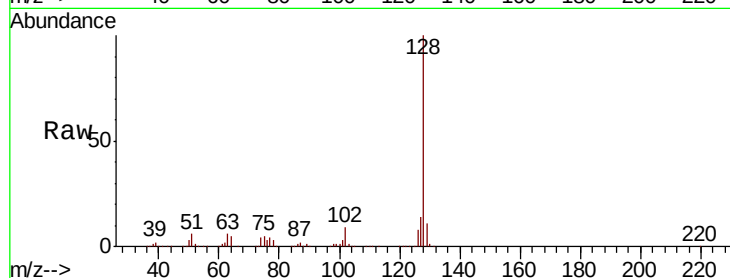
Tot Ion:128 Resp: 1502556

Ion Ratio Lower Upper

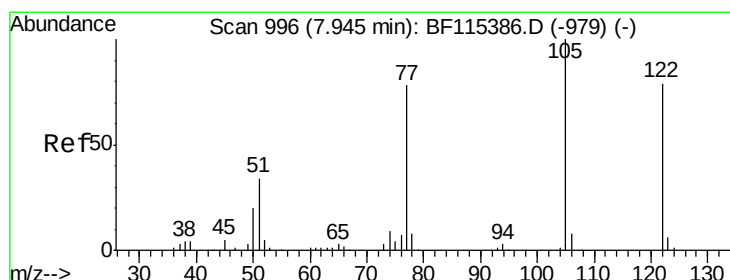
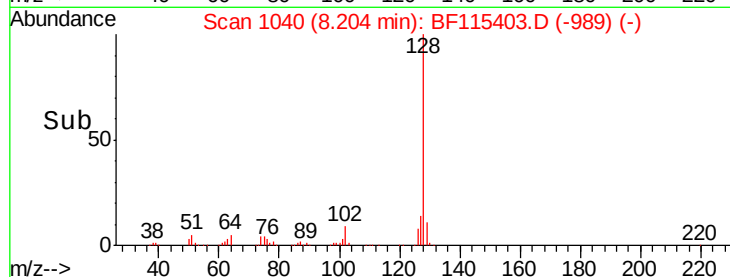
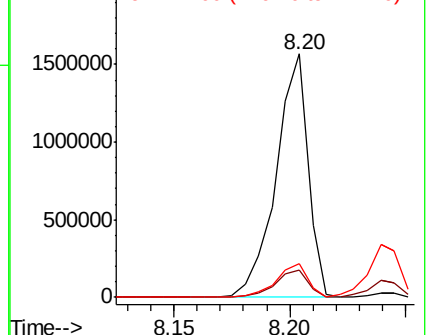
128 100

129 11.4 9.8 14.6

127 13.9 11.5 17.3



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: 47.864 ng

RT: 7.95 min Scan# 997

Delta R.T. -0.01 min

Lab File: BF115403.D

Acq: 8 Jul 2019 13:42

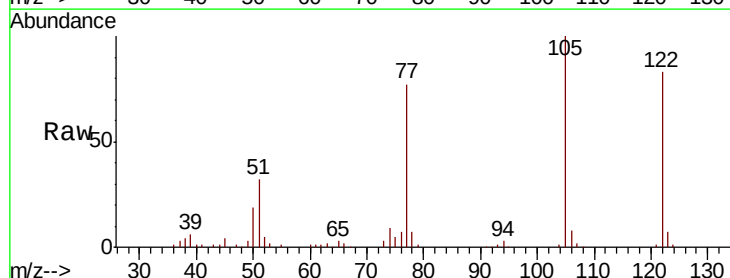
Tgt Ion:122 Resp: 347045

Ion Ratio Lower Upper

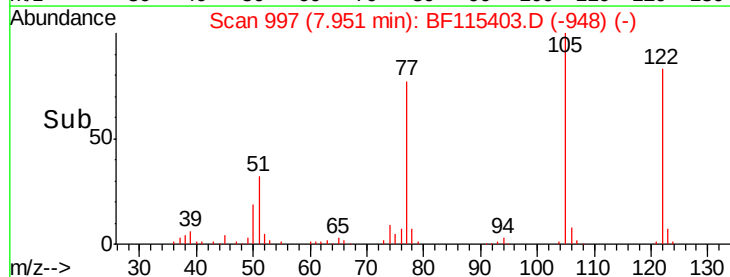
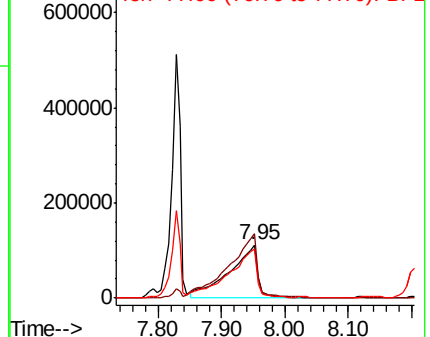
122 100

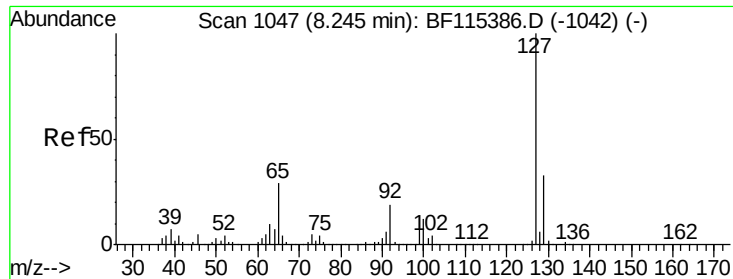
105 120.0 102.2 142.2

77 92.5 73.6 113.6



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

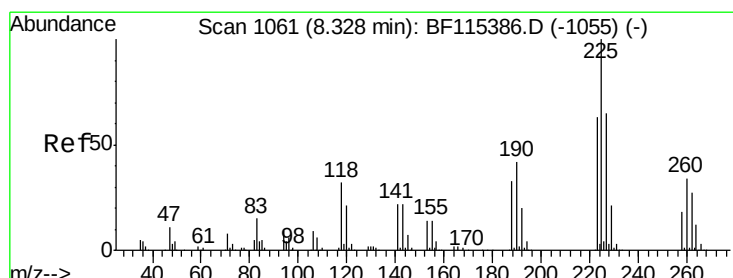
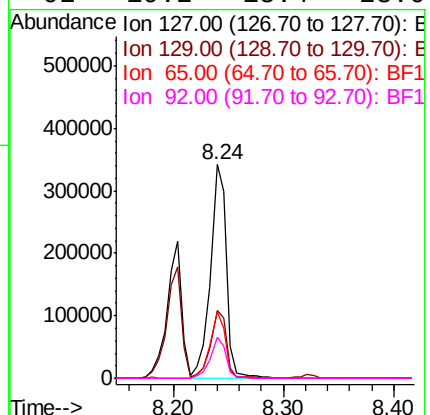
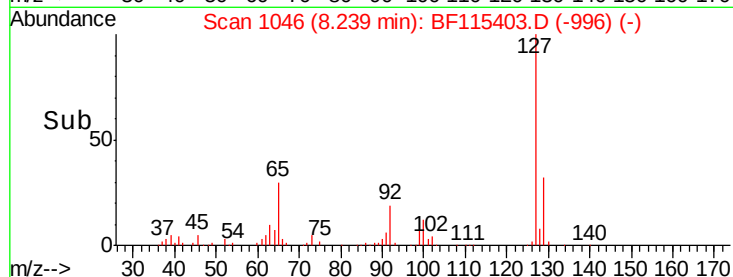
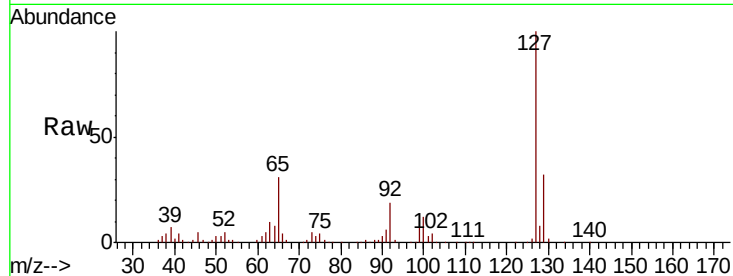




#33
4-Chloroaniline
Concen: 22.567 ng
RT: 8.24 min Scan# 1046
Delta R.T. -0.01 min
Lab File: BF115403.D
Acq: 8 Jul 2019 13:42

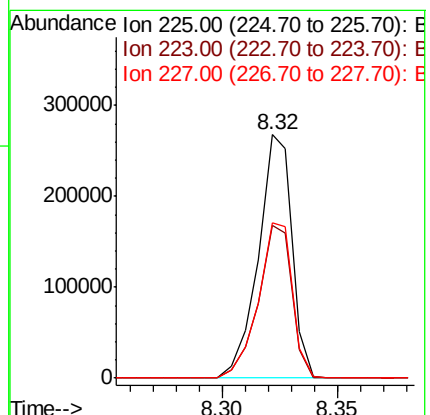
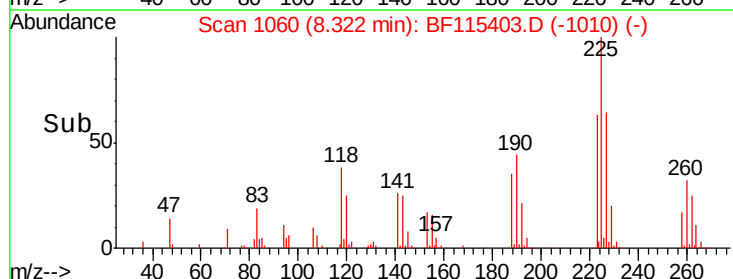
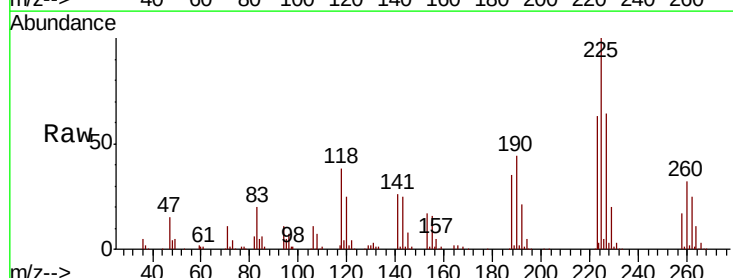
Instrument :
BNA_F
ClientSampled :

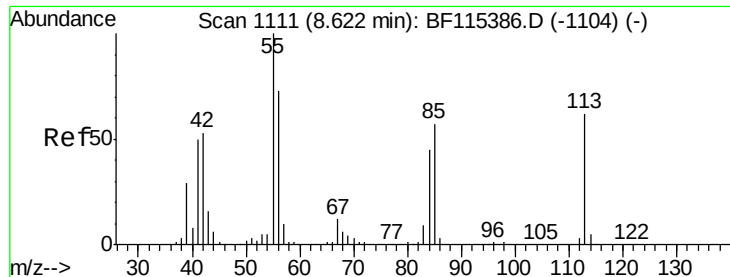
Tot Ion:	127	Resp:	332321
Ion	Ratio	Lower	Upper
127	100		
129	32.0	26.3	39.5
65	31.1	24.5	36.7
92	19.2	15.4	23.0



#34
Hexachlorobutadiene
Concen: 43.506 ng
RT: 8.32 min Scan# 1060
Delta R.T. -0.01 min
Lab File: BF115403.D
Acq: 8 Jul 2019 13:42

Tgt Ion:	225	Resp:	272396
Ion	Ratio	Lower	Upper
225	100		
223	62.9	50.6	75.8
227	63.8	51.8	77.8

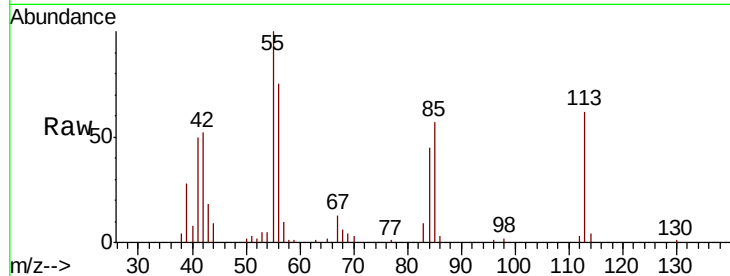




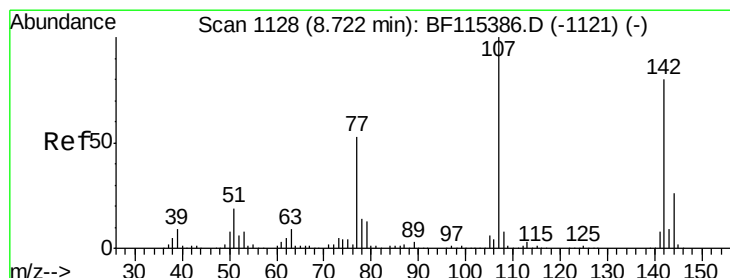
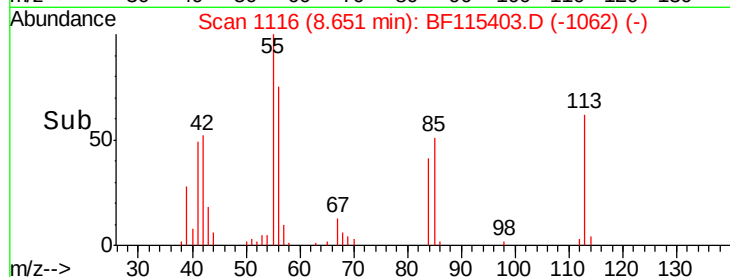
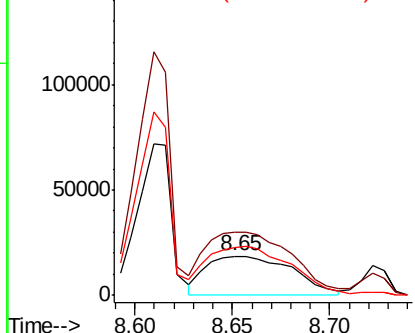
#35
 Caprolactam
 Concen: 17.713 ng
 RT: 8.65 min Scan# 1116
 Delta R.T. 0.02 min
 Lab File: BF115403.D
 Acq: 8 Jul 2019 13:42

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:113 Resp: 57212
 Ion Ratio Lower Upper
 113 100
 55 162.1 135.8 175.8
 56 121.6 95.4 135.4

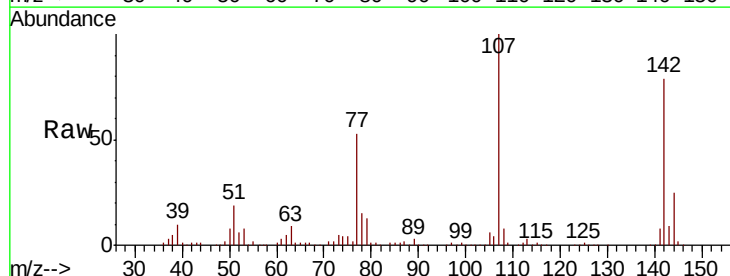


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

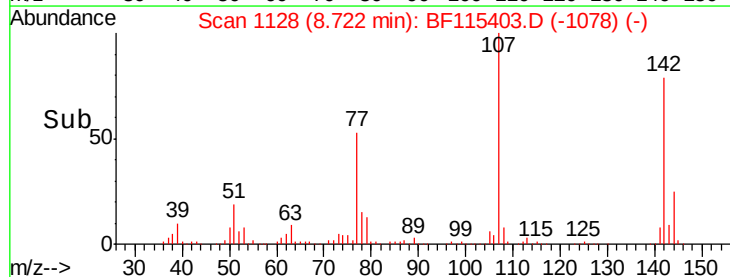
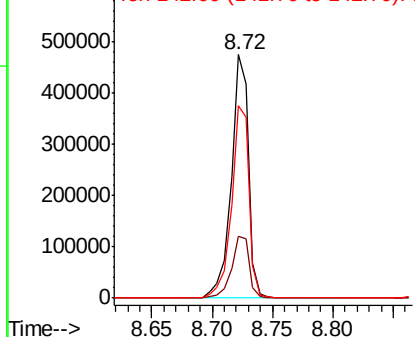


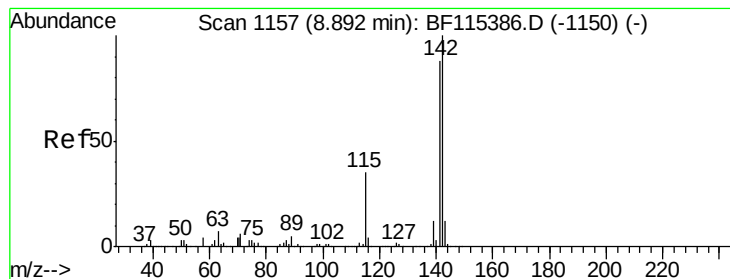
#36
 4-Chloro-3-methylphenol
 Concen: 44.867 ng
 RT: 8.72 min Scan# 1128
 Delta R.T. -0.01 min
 Lab File: BF115403.D
 Acq: 8 Jul 2019 13:42

Tgt Ion:107 Resp: 470648
 Ion Ratio Lower Upper
 107 100
 144 25.3 21.0 31.6
 142 79.2 64.2 96.2



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: 45.973 ng

RT: 8.89 min Scan# 1157

Delta R.T. -0.01 min

Lab File: BF115403.D

Acq: 8 Jul 2019 13:42

Instrument :

BNA_F

ClientSampled :

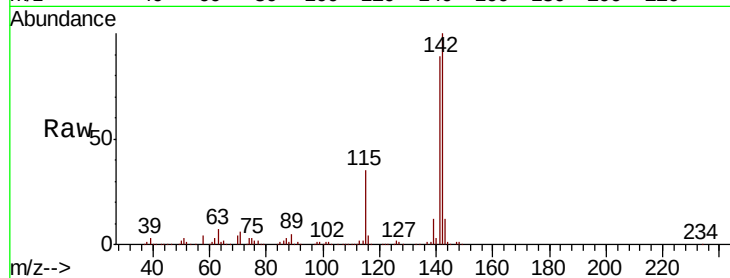
Tot Ion:142 Resp: 1014181

Ion Ratio Lower Upper

142 100

141 89.0 70.6 106.0

115 34.5 27.2 40.8

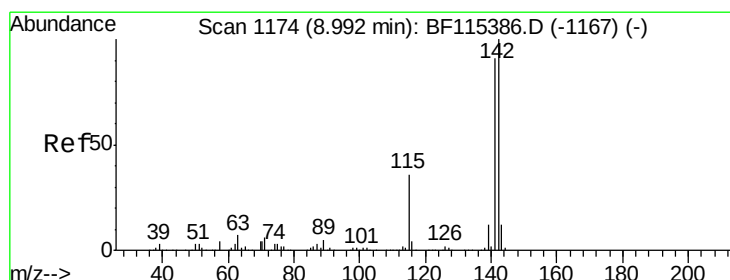
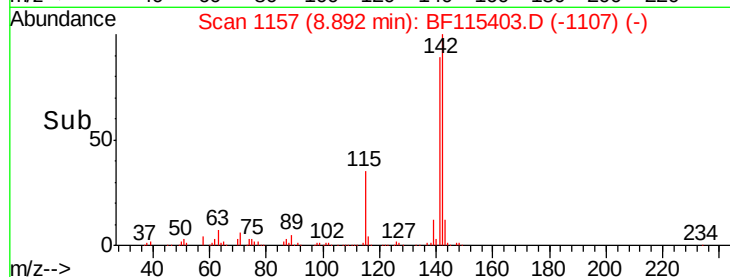
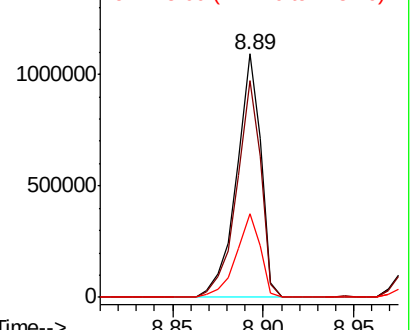


Abundance

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: 44.951 ng

RT: 8.99 min Scan# 1174

Delta R.T. 0.00 min

Lab File: BF115403.D

Acq: 8 Jul 2019 13:42

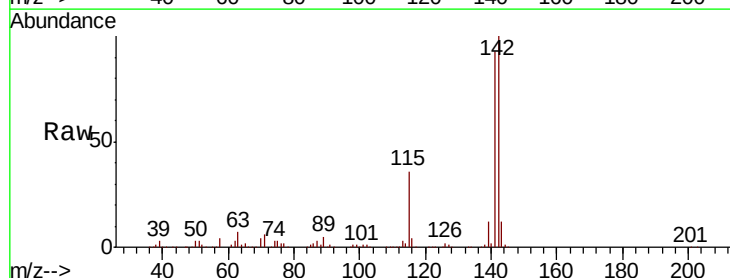
Tgt Ion:142 Resp: 946144

Ion Ratio Lower Upper

142 100

141 92.9 72.3 108.5

116 3.9 3.1 4.7

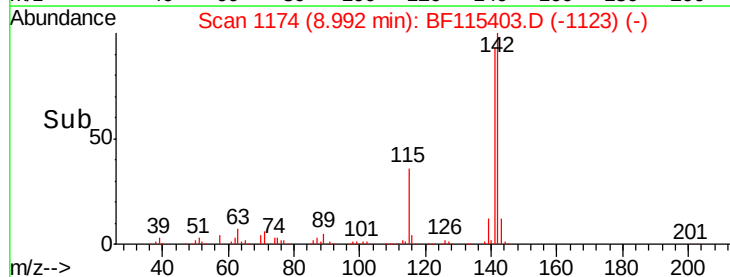
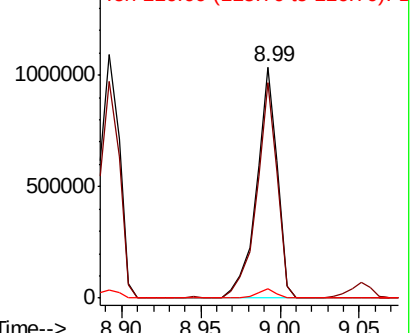


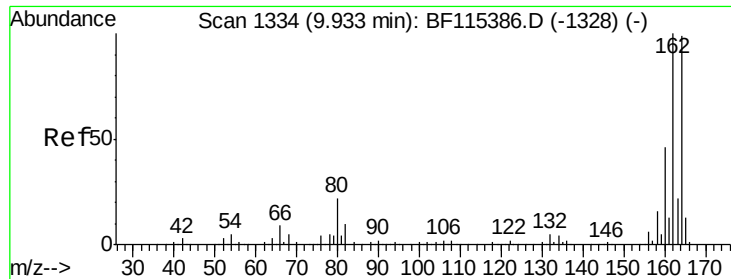
Abundance

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

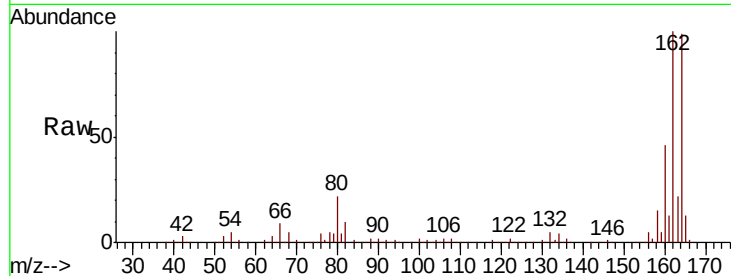




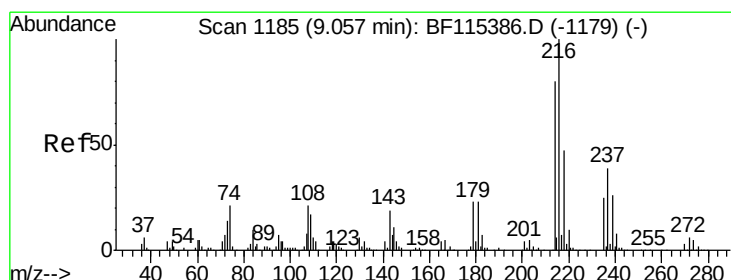
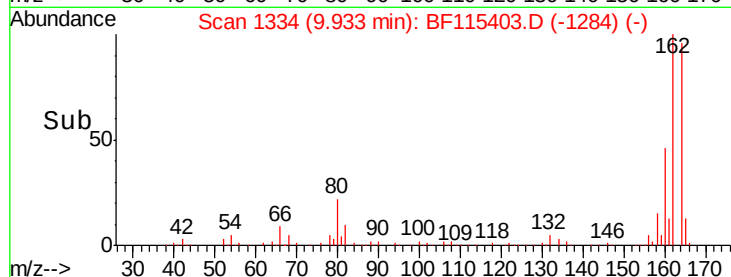
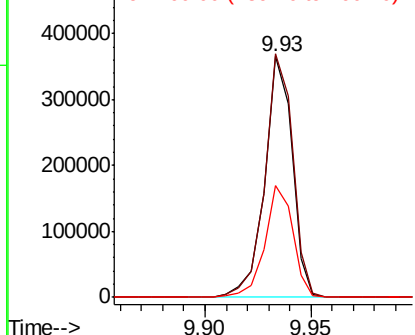
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.93 min Scan# 1334
Delta R.T. -0.01 min
Lab File: BF115403.D
Acq: 8 Jul 2019 13:42

Instrument :
BNA_F
ClientSampled :

Tot Ion:164 Resp: 331960
Ion Ratio Lower Upper
164 100
162 101.1 82.6 123.8
160 46.2 37.5 56.3

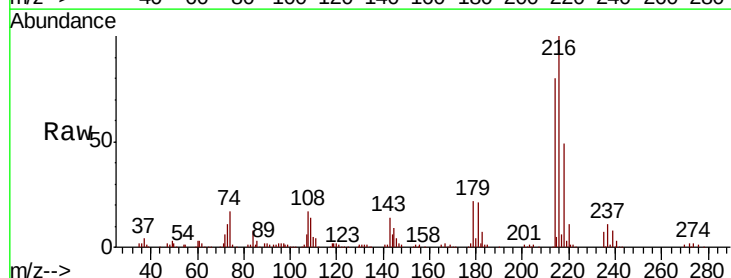


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

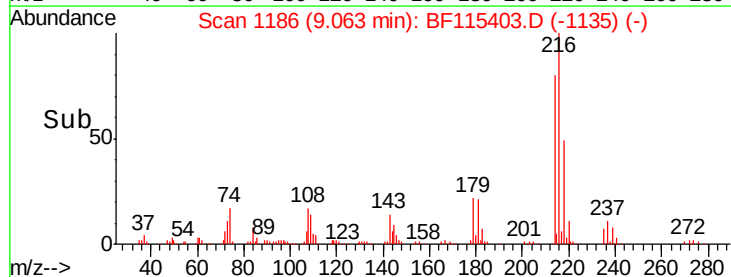
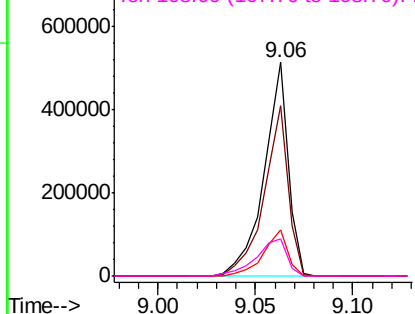


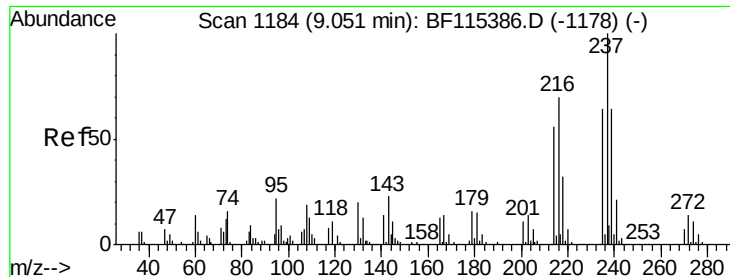
#40
1,2,4,5-Tetrachlorobenzene
Concen: 46.291 ng
RT: 9.06 min Scan# 1186
Delta R.T. 0.00 min
Lab File: BF115403.D
Acq: 8 Jul 2019 13:42

Tgt Ion:216 Resp: 442080
Ion Ratio Lower Upper
216 100
214 79.4 63.7 95.5
179 21.9 17.5 26.3
108 22.0 16.6 25.0



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

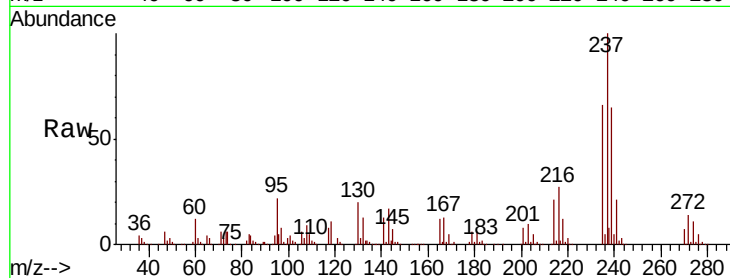




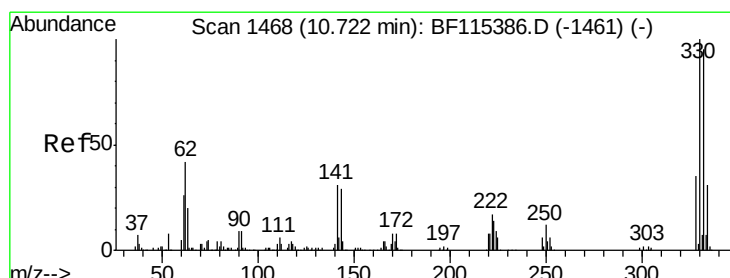
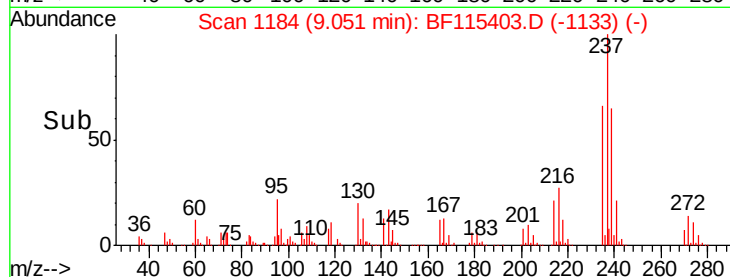
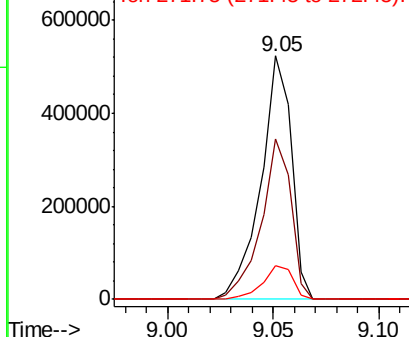
#41
Hexachlorocyclopentadiene
Concen: 95.540 ng
RT: 9.05 min Scan# 1184
Delta R.T. 0.00 min
Lab File: BF115403.D
Acq: 8 Jul 2019 13:42

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
237	100		
235	65.8	43.5	83.5
272	13.7	0.0	33.3

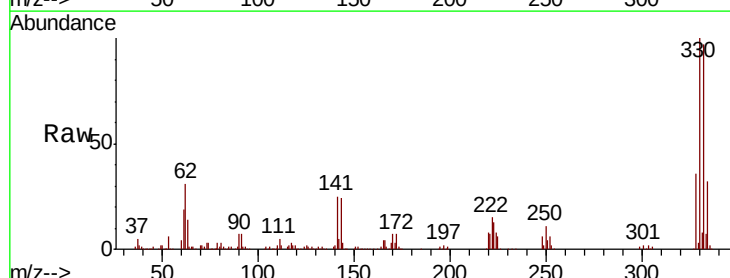


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

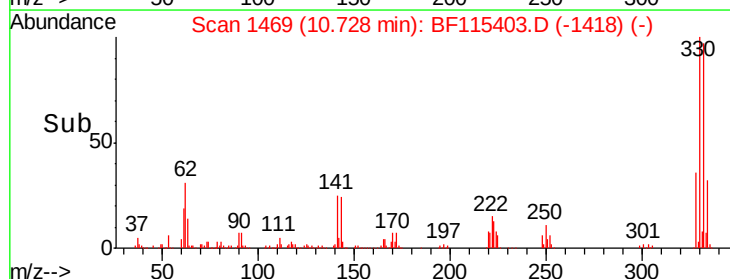
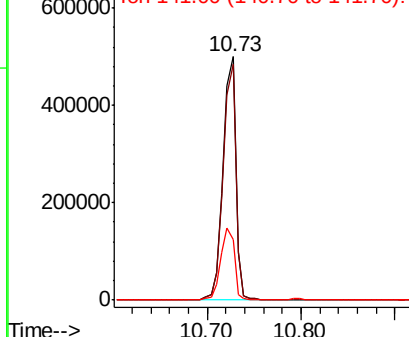


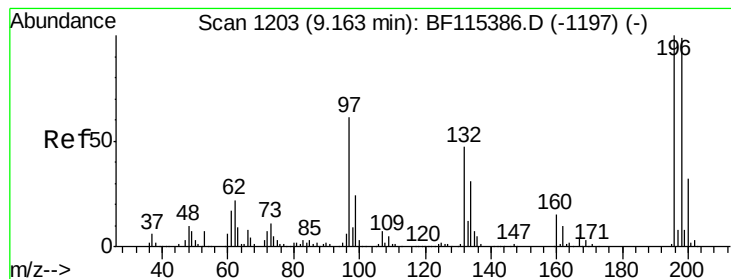
#42
2,4,6-Tribromophenol
Concen: 130.904 ng
RT: 10.73 min Scan# 1469
Delta R.T. 0.00 min
Lab File: BF115403.D
Acq: 8 Jul 2019 13:42

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.6	77.5	116.3
141	31.7	25.8	38.6



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E





#43

2,4,6-Trichlorophenol

Concen: 47.096 ng

RT: 9.17 min Scan# 1204

Delta R.T. 0.00 min

Lab File: BF115403.D

Acq: 8 Jul 2019 13:42

Instrument :

BNA_F

ClientSampled :

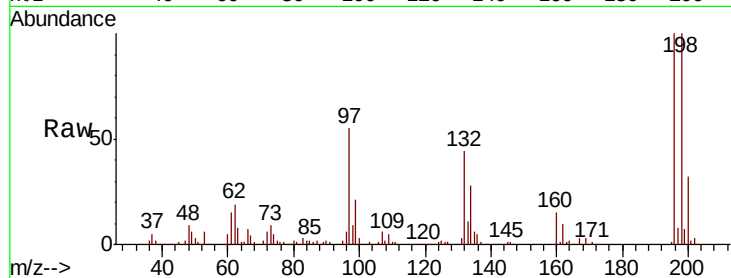
Tot Ion:196 Resp: 327443

Ion Ratio Lower Upper

196 100

198 99.6 79.8 119.8

200 32.0 25.6 38.4

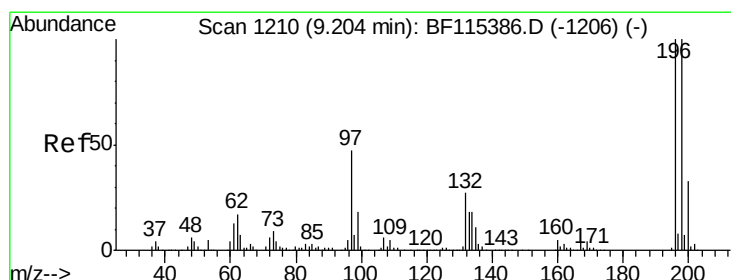
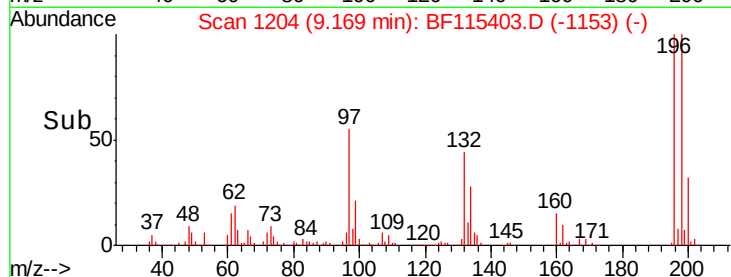
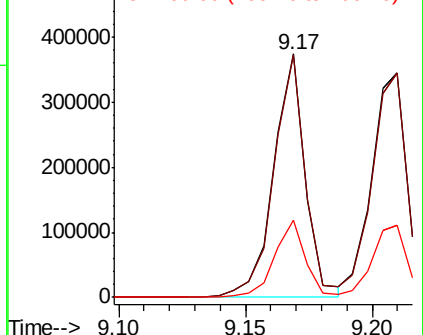


Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#44

2,4,5-Trichlorophenol

Concen: 46.984 ng

RT: 9.21 min Scan# 1211

Delta R.T. 0.00 min

Lab File: BF115403.D

Acq: 8 Jul 2019 13:42

Tgt Ion:196 Resp: 338726

Ion Ratio Lower Upper

196 100

198 99.8 79.0 118.4

97 44.4 37.3 55.9

132 27.2 21.9 32.9

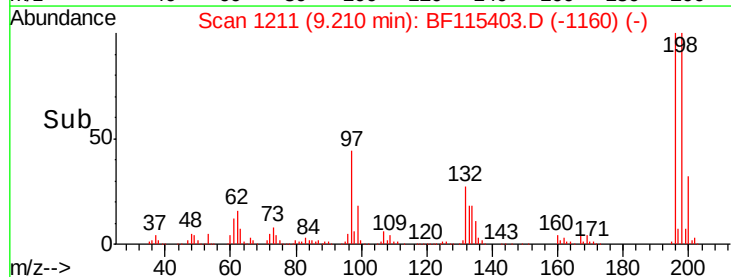
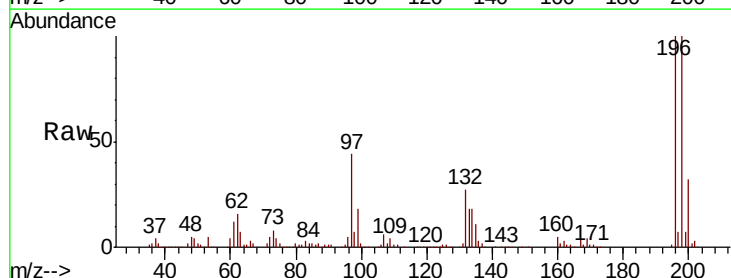
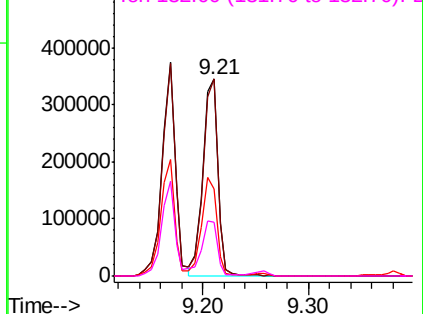
Abundance

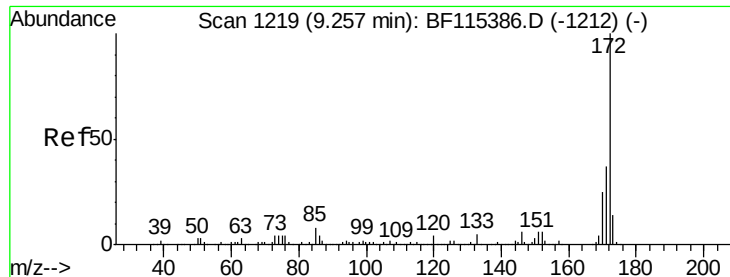
Ion 196.00 (195.70 to 196.70): E

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

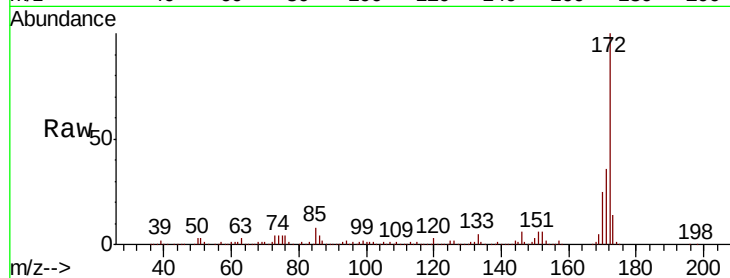




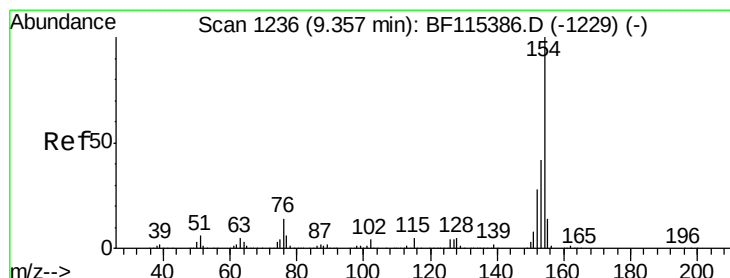
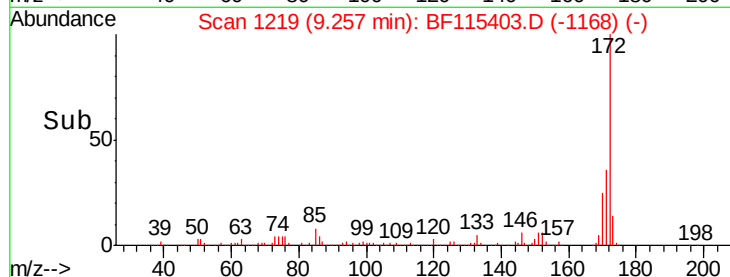
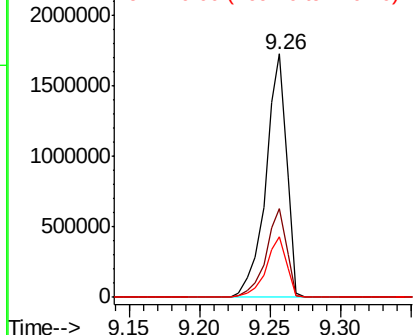
#45
2-Fluorobiphenyl
Concen: 95.053 ng
RT: 9.26 min Scan# 1219
Delta R.T. 0.00 min
Lab File: BF115403.D
Acq: 8 Jul 2019 13:42

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 1798191
Ion Ratio Lower Upper
172 100
171 36.3 29.6 44.4
170 25.0 20.2 30.2

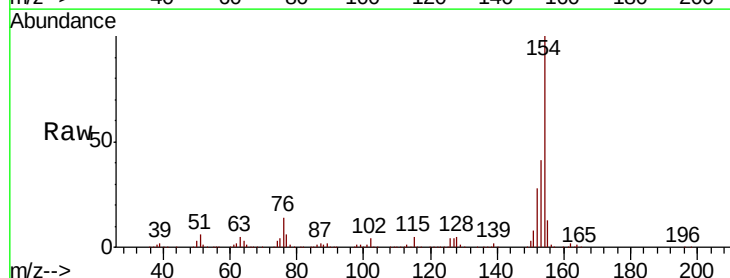


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

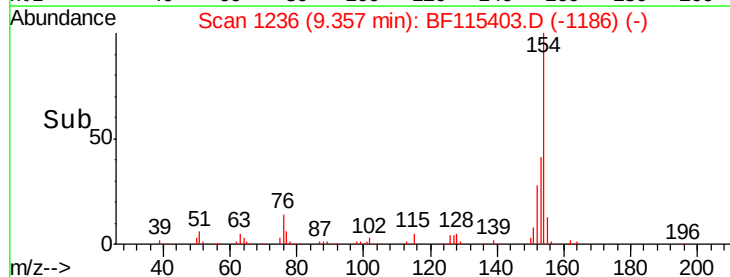
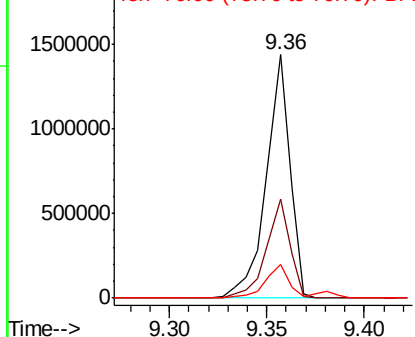


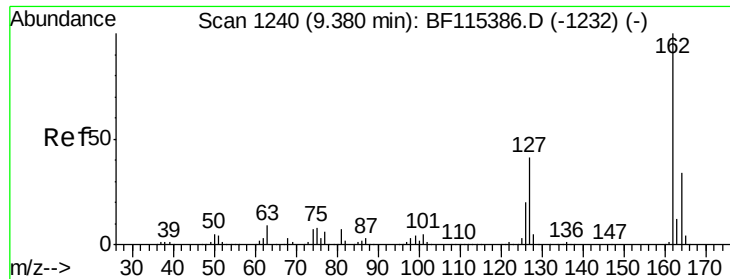
#46
1,1'-Biphenyl
Concen: 46.741 ng
RT: 9.36 min Scan# 1236
Delta R.T. -0.01 min
Lab File: BF115403.D
Acq: 8 Jul 2019 13:42

Tgt Ion:154 Resp: 1219810
Ion Ratio Lower Upper
154 100
153 40.6 21.3 61.3
76 14.0 0.0 32.9



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

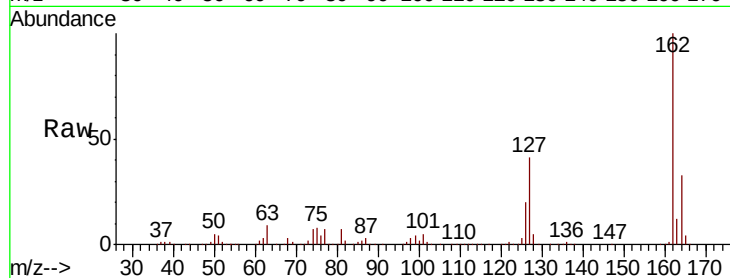




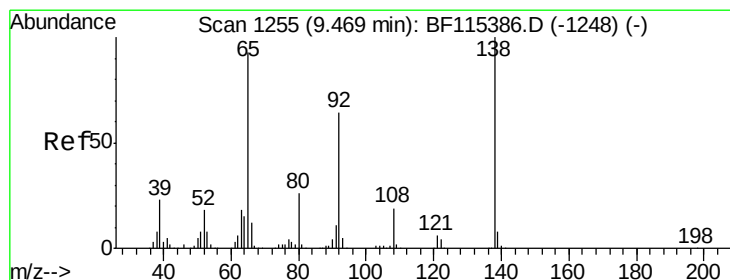
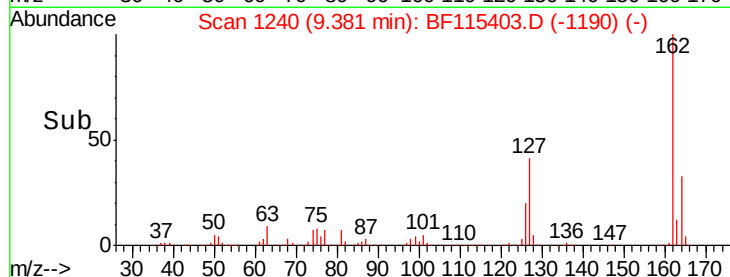
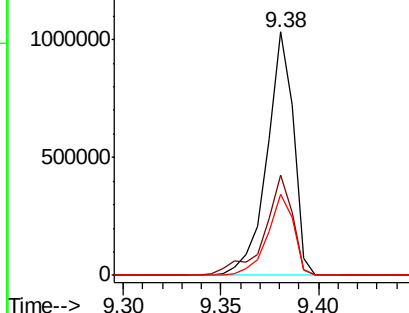
#47
 2-Chloronaphthalene
 Concen: 44.957 ng
 RT: 9.38 min Scan# 1240
 Delta R.T. -0.01 min
 Lab File: BF115403.D
 Acq: 8 Jul 2019 13:42

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
127	41.4	32.3	48.5
164	33.3	27.1	40.7

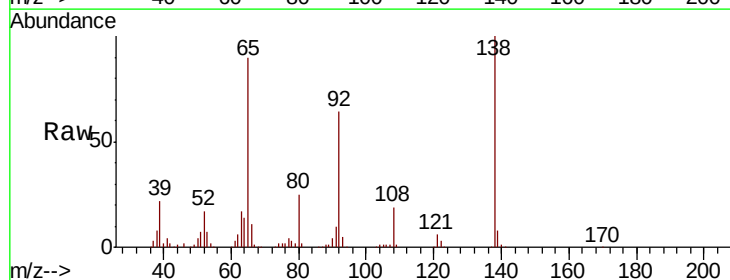


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

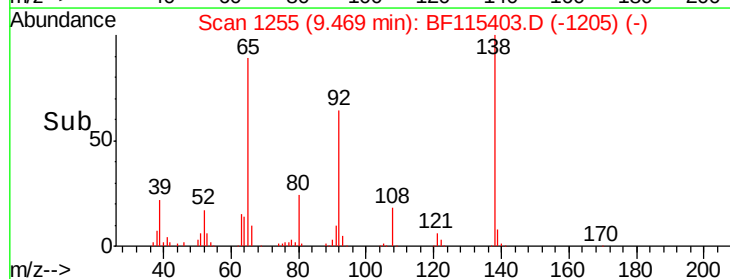
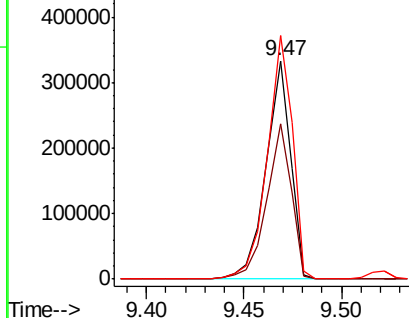


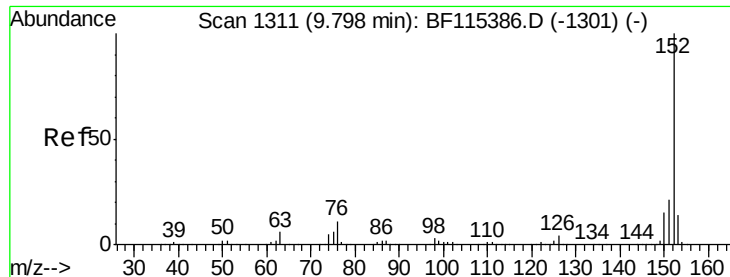
#48
 2-Nitroaniline
 Concen: 46.221 ng
 RT: 9.47 min Scan# 1255
 Delta R.T. -0.01 min
 Lab File: BF115403.D
 Acq: 8 Jul 2019 13:42

Tgt Ion	Ratio	Lower	Upper
65	100		
92	71.3	56.9	85.3
138	111.7	93.3	139.9



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





#49

Acenaphthylene

Concen: 45.000 ng

RT: 9.80 min Scan# 1311

Delta R.T. -0.01 min

Lab File: BF115403.D

Acq: 8 Jul 2019 13:42

Instrument :

BNA_F

ClientSampleId :

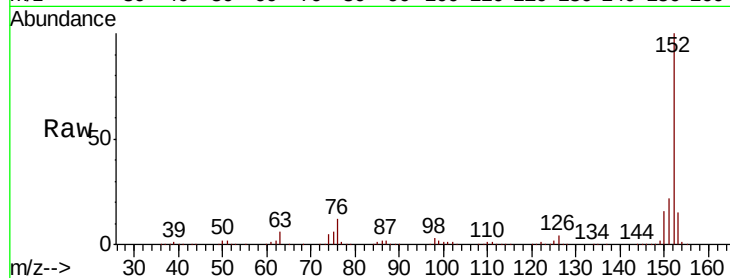
Tot Ion:152 Resp: 1469522

Ion Ratio Lower Upper

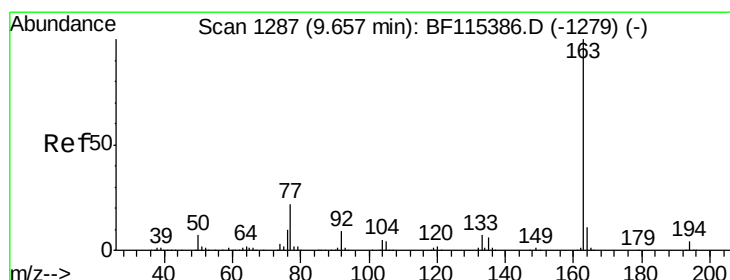
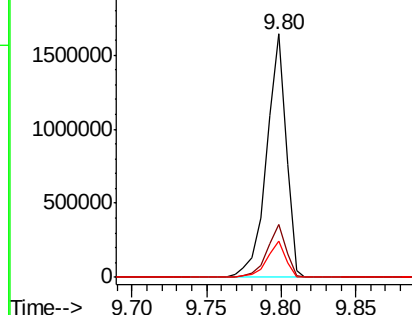
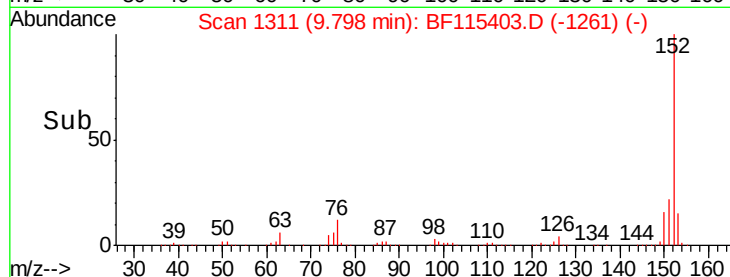
152 100

151 21.5 16.9 25.3

153 14.7 11.2 16.8



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: 44.333 ng

RT: 9.66 min Scan# 1287

Delta R.T. -0.01 min

Lab File: BF115403.D

Acq: 8 Jul 2019 13:42

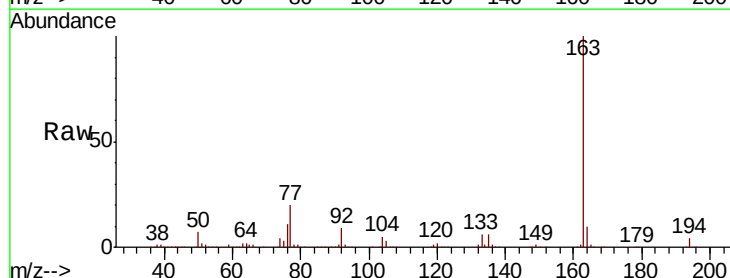
Tgt Ion:163 Resp: 1104593

Ion Ratio Lower Upper

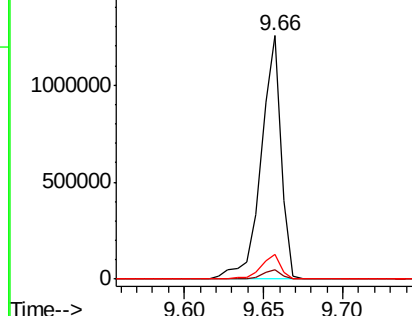
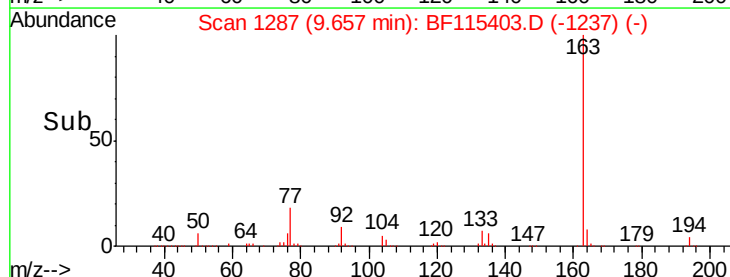
163 100

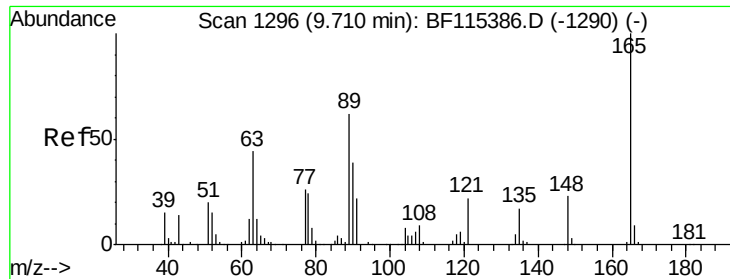
194 4.1 3.3 4.9

164 10.2 8.3 12.5



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: 46.991 ng

RT: 9.71 min Scan# 1296

Delta R.T. -0.01 min

Lab File: BF115403.D

Acq: 8 Jul 2019 13:42

Instrument :

BNA_F

ClientSampled :

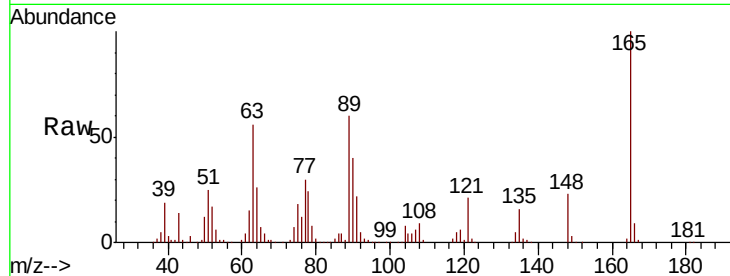
Tot Ion:165 Resp: 253923

Ion Ratio Lower Upper

165 100

63 56.3 45.1 67.7

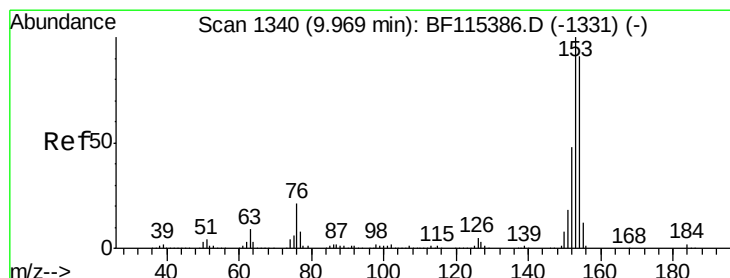
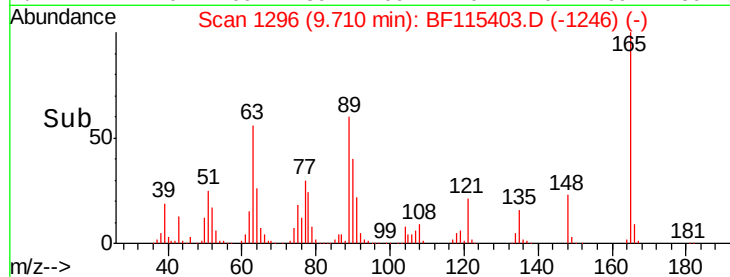
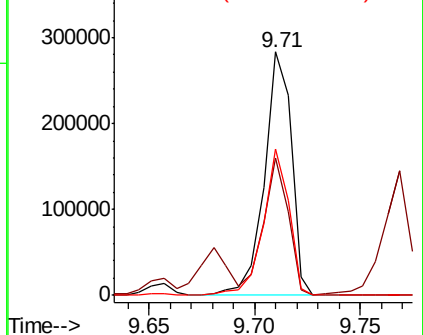
89 60.0 48.3 72.5



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: 50.025 ng

RT: 9.97 min Scan# 1340

Delta R.T. -0.01 min

Lab File: BF115403.D

Acq: 8 Jul 2019 13:42

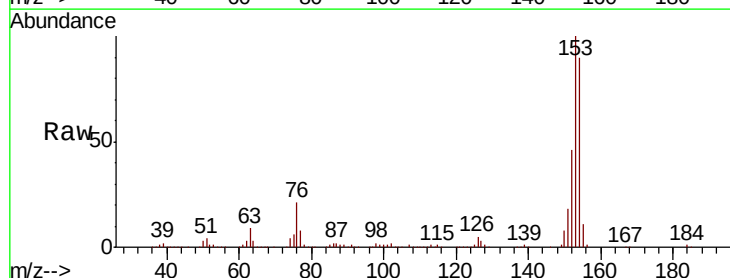
Tgt Ion:154 Resp: 1028130

Ion Ratio Lower Upper

154 100

153 111.1 88.6 133.0

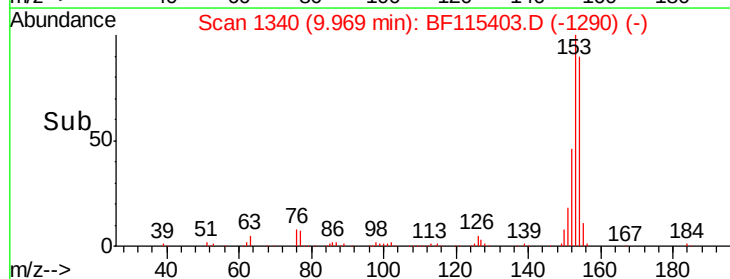
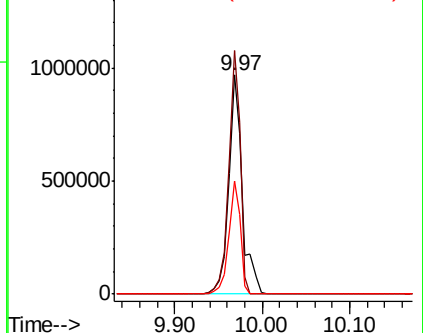
152 51.3 42.5 63.7

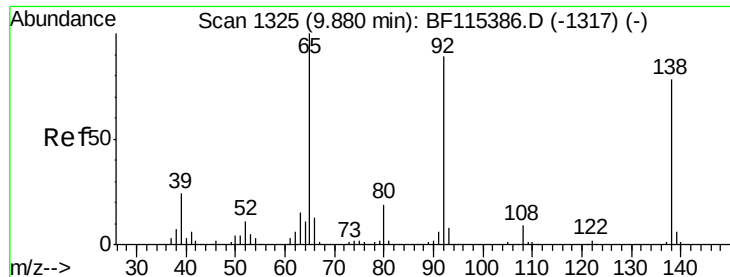


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

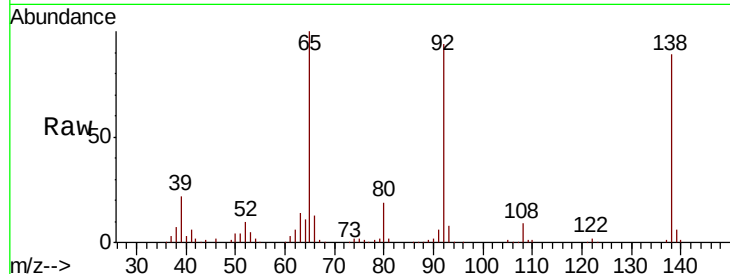




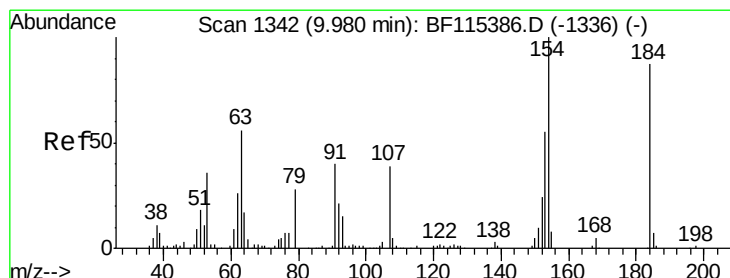
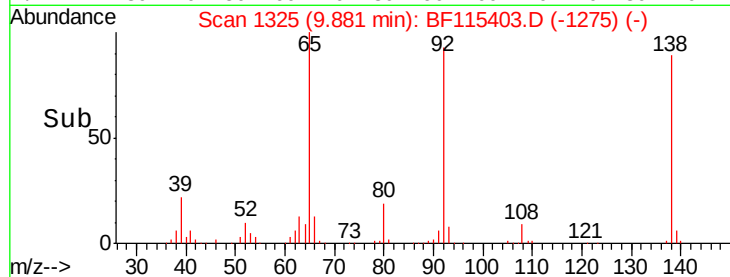
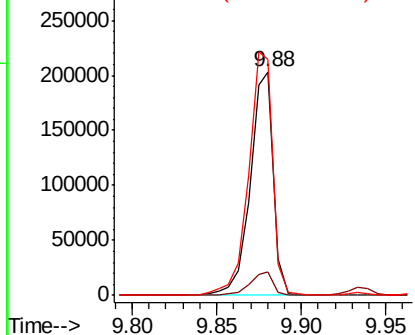
#53
3-Nitroaniline
Concen: 30.907 ng
RT: 9.88 min Scan# 1325
Delta R.T. -0.01 min
Lab File: BF115403.D
Acq: 8 Jul 2019 13:42

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 193974
Ion Ratio Lower Upper
138 100
108 10.2 8.3 12.5
92 105.7 89.6 134.4

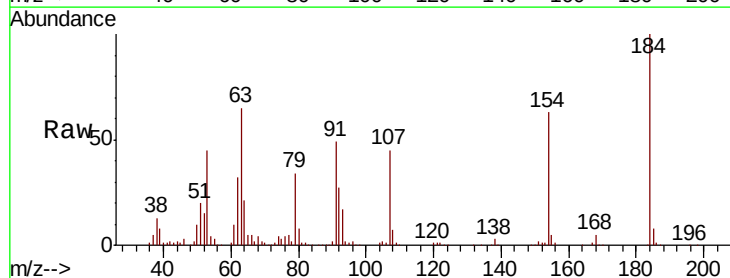


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

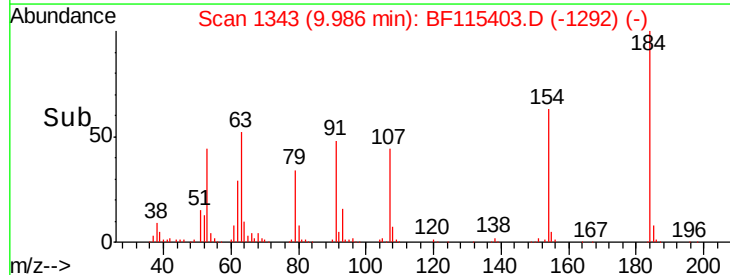
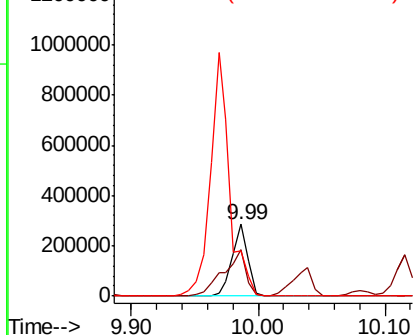


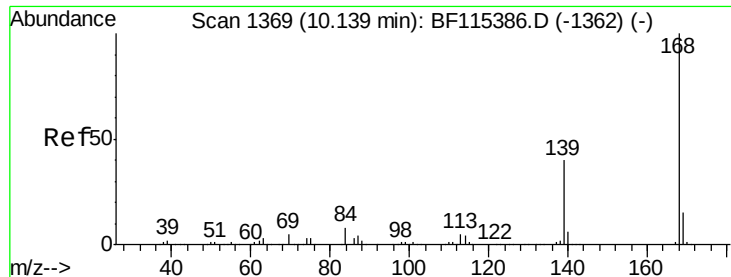
#54
2,4-Dinitrophenol
Concen: 100.792 ng
RT: 9.99 min Scan# 1343
Delta R.T. 0.00 min
Lab File: BF115403.D
Acq: 8 Jul 2019 13:42

Tgt Ion:184 Resp: 241630
Ion Ratio Lower Upper
184 100
63 64.6 51.7 77.5
154 63.2 55.8 83.8



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

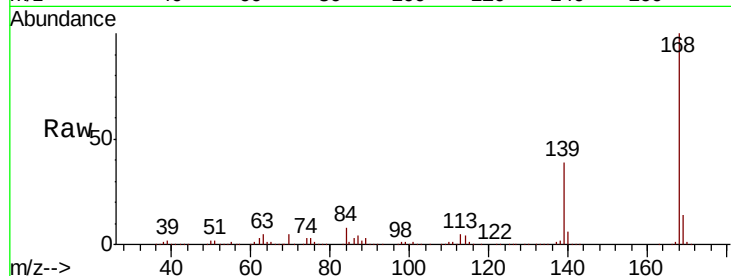




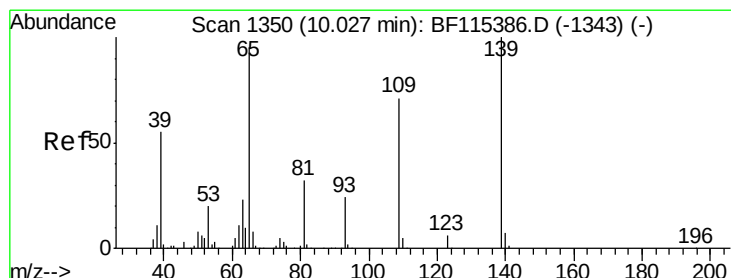
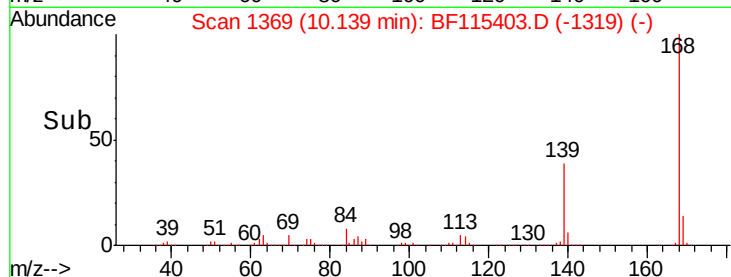
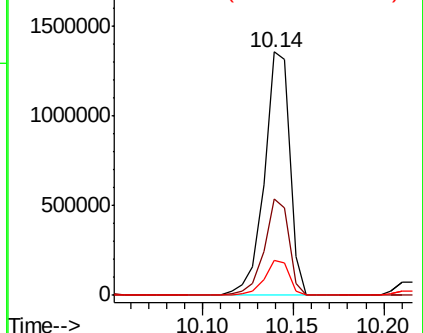
#55
Dibenzofuran
Concen: 45.715 ng
RT: 10.14 min Scan# 1369
Delta R.T. -0.01 min
Lab File: BF115403.D
Acq: 8 Jul 2019 13:42

Instrument :
BNA_F
ClientSampleId :

Tot Ion:168 Resp: 1323494
Ion Ratio Lower Upper
168 100
139 39.5 31.7 47.5
169 14.4 11.4 17.0

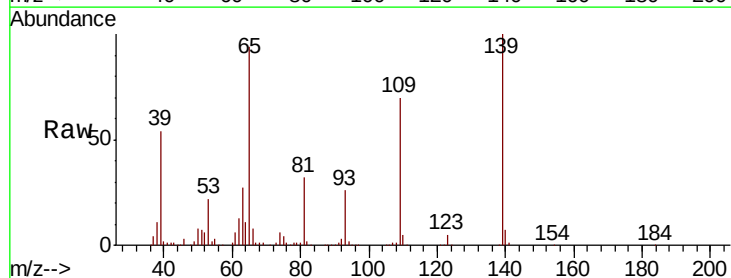


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

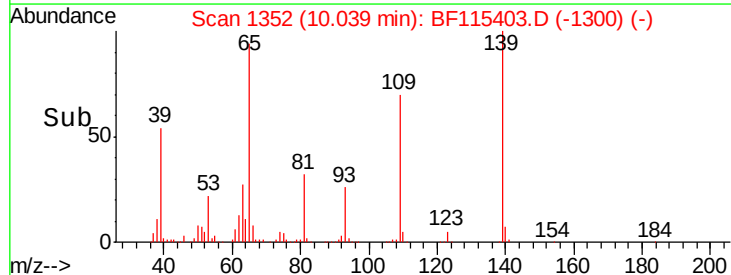
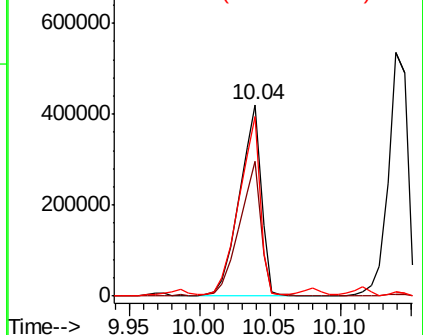


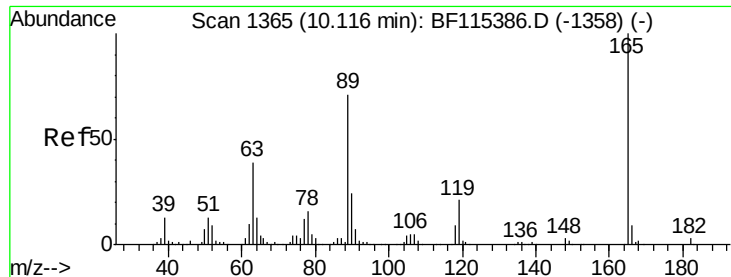
#56
4-Nitrophenol
Concen: 93.261 ng
RT: 10.04 min Scan# 1352
Delta R.T. 0.01 min
Lab File: BF115403.D
Acq: 8 Jul 2019 13:42

Tgt Ion:139 Resp: 452852
Ion Ratio Lower Upper
139 100
109 70.5 49.3 89.3
65 93.7 75.1 115.1



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





#57

2,4-Dinitrotoluene

Concen: 49.678 ng

RT: 10.12 min Scan# 1365

Delta R.T. -0.01 min

Lab File: BF115403.D

Acq: 8 Jul 2019 13:42

Instrument :

BNA_F

ClientSampleId :

Tot Ion:165 Resp: 341157

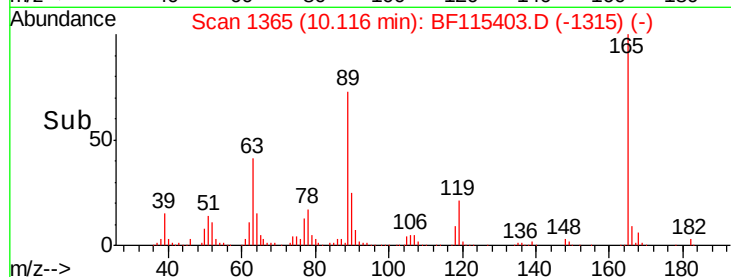
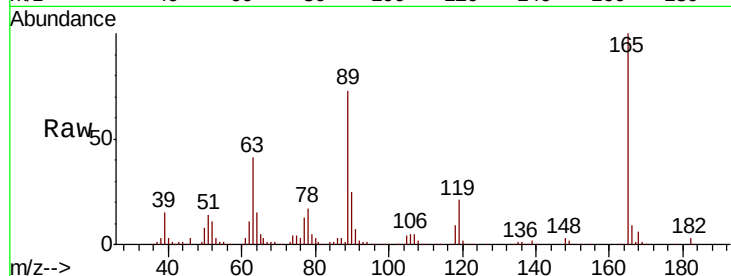
Ion Ratio Lower Upper

165 100

63 41.5 30.0 45.0

89 72.9 54.8 82.2

182 2.6 2.1 3.1

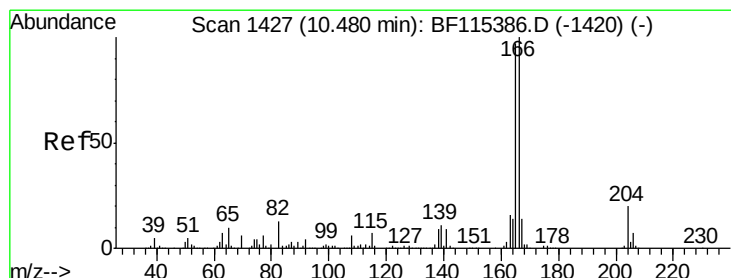
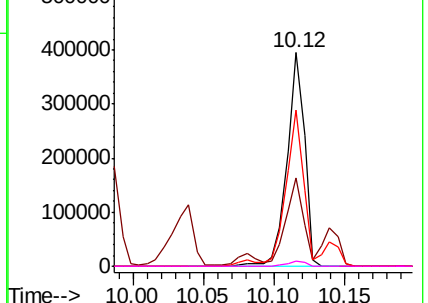


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58

Fluorene

Concen: 43.119 ng

RT: 10.49 min Scan# 1428

Delta R.T. 0.00 min

Lab File: BF115403.D

Acq: 8 Jul 2019 13:42

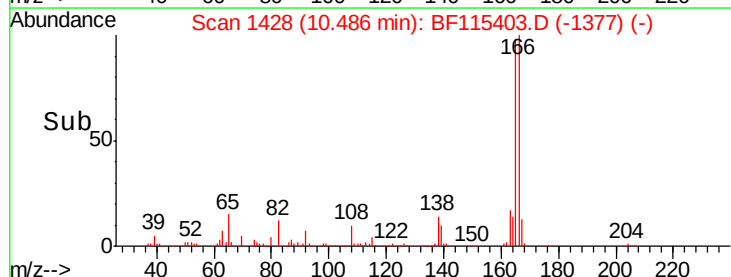
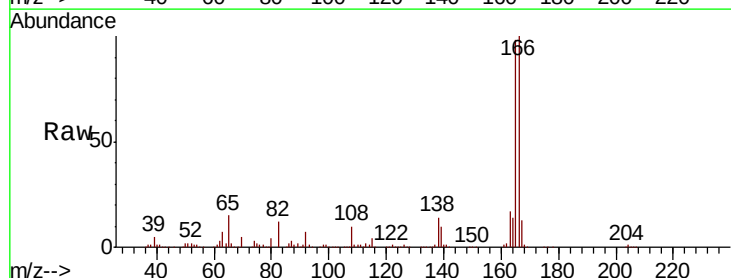
Tgt Ion:166 Resp: 984072

Ion Ratio Lower Upper

166 100

165 97.8 79.1 118.7

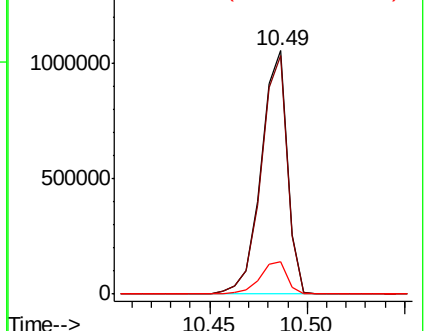
167 13.4 11.2 16.8

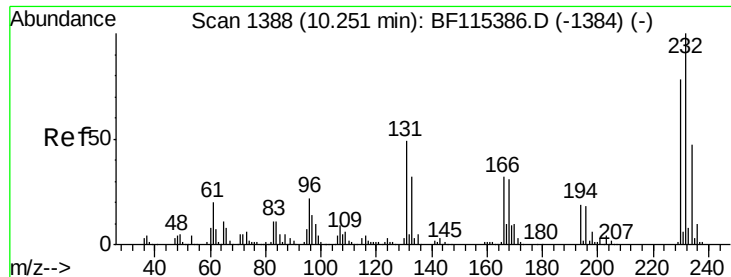


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

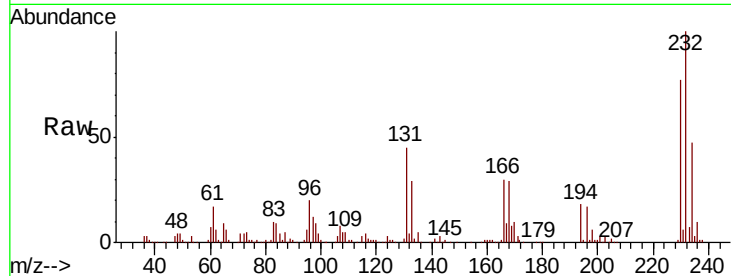




#59
2,3,4,6-Tetrachlorophenol
Concen: 46.563 ng
RT: 10.26 min Scan# 1389
Delta R.T. 0.00 min
Lab File: BF115403.D
Acq: 8 Jul 2019 13:42

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
232	100		
131	45.7	35.9	53.9
130	2.2	1.8	2.6
166	30.5	24.0	36.0



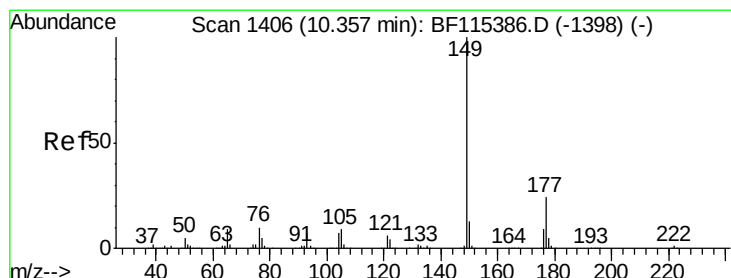
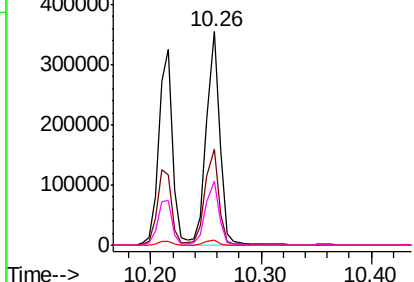
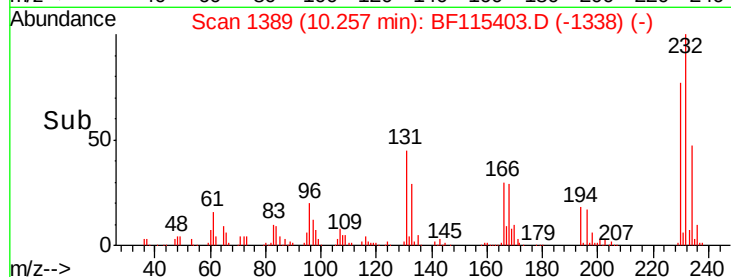
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

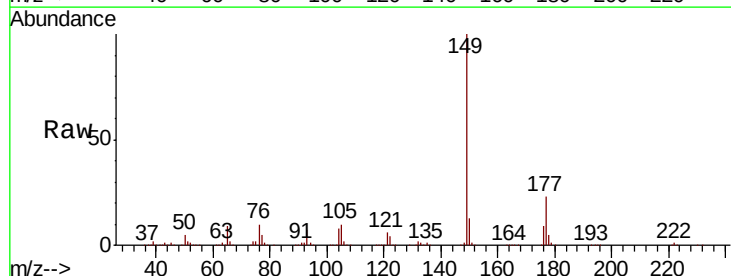
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
Diethylphthalate
Concen: 43.551 ng
RT: 10.36 min Scan# 1406
Delta R.T. 0.00 min
Lab File: BF115403.D
Acq: 8 Jul 2019 13:42

Tgt Ion	Ratio	Lower	Upper
149	100		
177	23.4	19.0	28.4
150	12.8	10.4	15.6

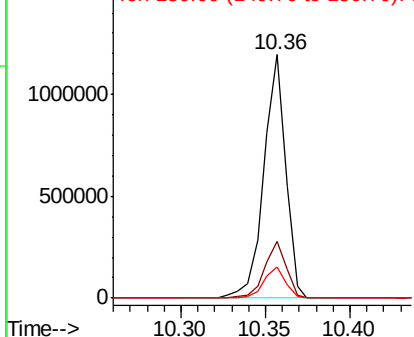
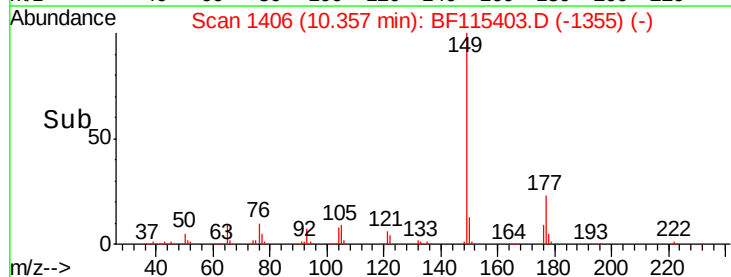


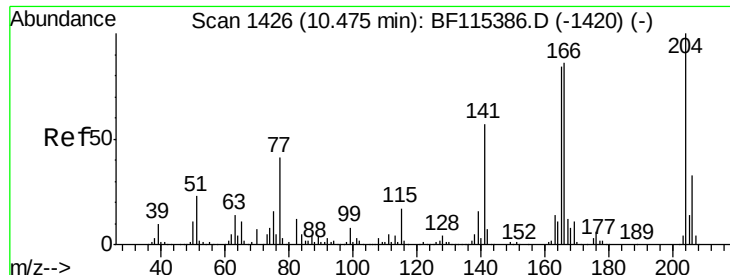
Abundance

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

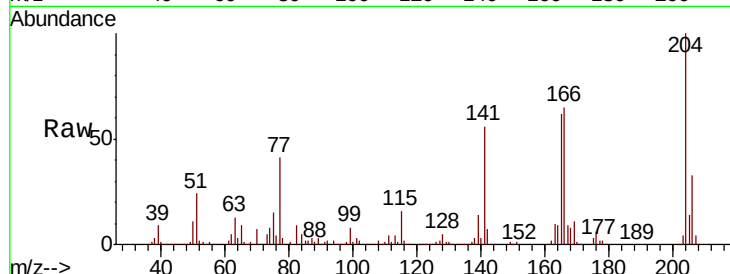




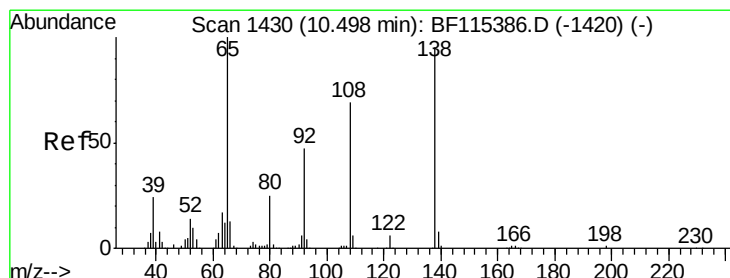
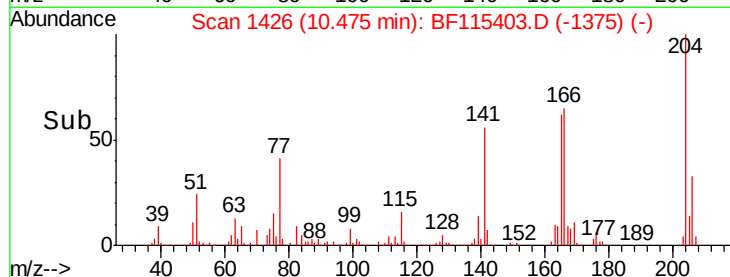
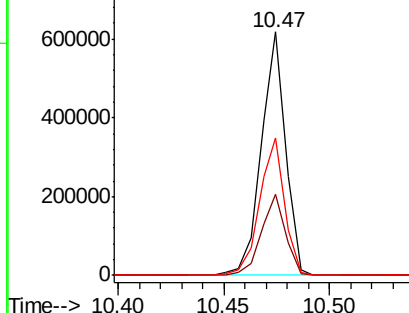
#61
4-Chlorophenyl-phenylether
Concen: 44.340 ng
RT: 10.47 min Scan# 1426
Delta R.T. 0.00 min
Lab File: BF115403.D
Acq: 8 Jul 2019 13:42

Instrument :
BNA_F
ClientSampled :

Tot Ion:204 Resp: 493905
Ion Ratio Lower Upper
204 100
206 33.1 26.2 39.4
141 56.2 47.7 71.5

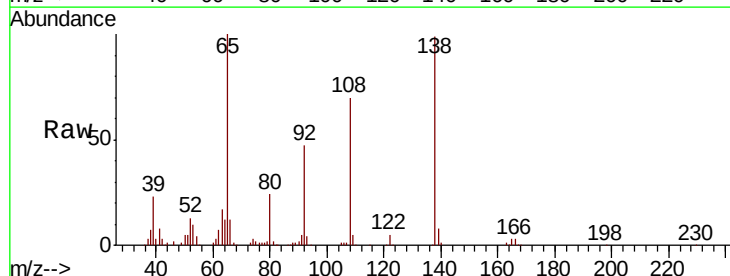


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

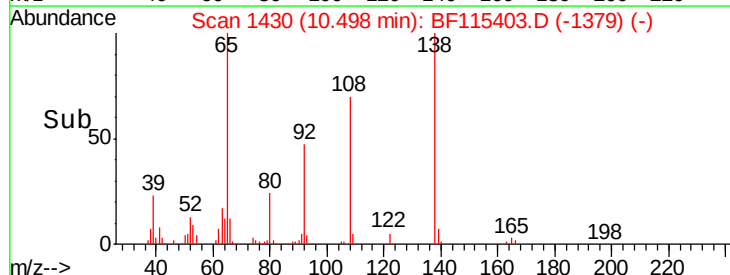
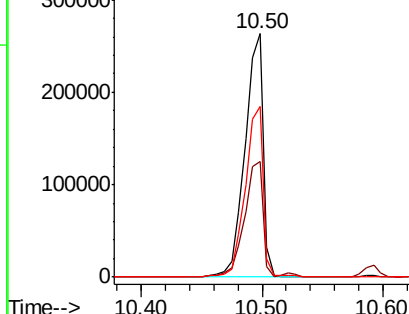


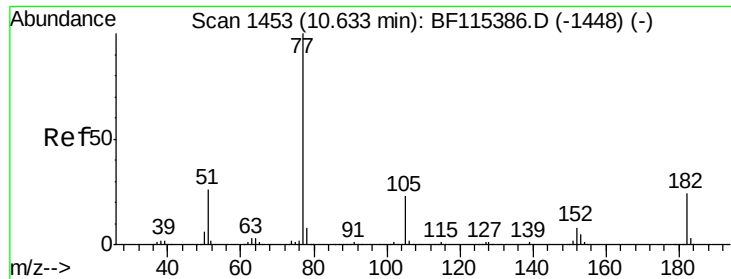
#62
4-Nitroaniline
Concen: 45.158 ng
RT: 10.50 min Scan# 1430
Delta R.T. 0.00 min
Lab File: BF115403.D
Acq: 8 Jul 2019 13:42

Tgt Ion:138 Resp: 278198
Ion Ratio Lower Upper
138 100
92 47.3 30.6 70.6
108 70.3 53.3 93.3



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





#63

Azobenzene

Concen: 43.624 ng

RT: 10.63 min Scan# 1453

Delta R.T. -0.01 min

Lab File: BF115403.D

Acq: 8 Jul 2019 13:42

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 77 Resp: 1102825

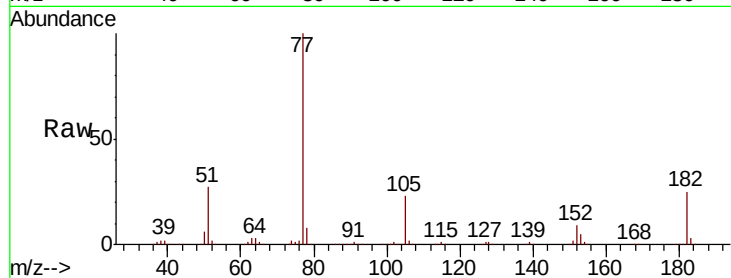
Ion Ratio Lower Upper

77 100

182 24.6 8.8 48.8

105 22.8 3.9 43.9

51 26.6 6.0 46.0

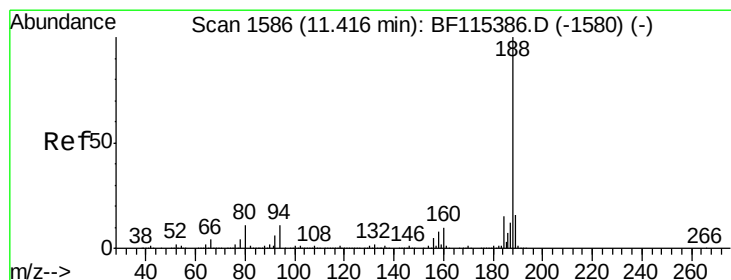
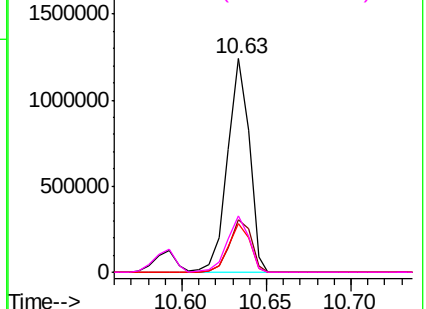
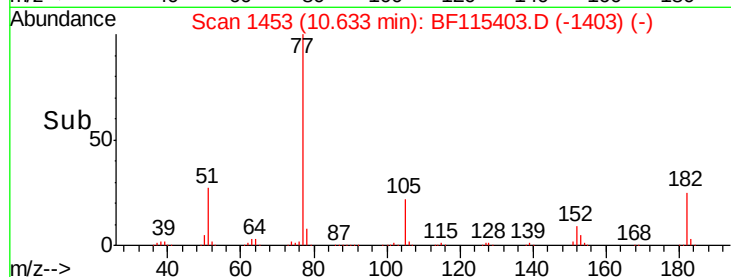


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.42 min Scan# 1586

Delta R.T. -0.01 min

Lab File: BF115403.D

Acq: 8 Jul 2019 13:42

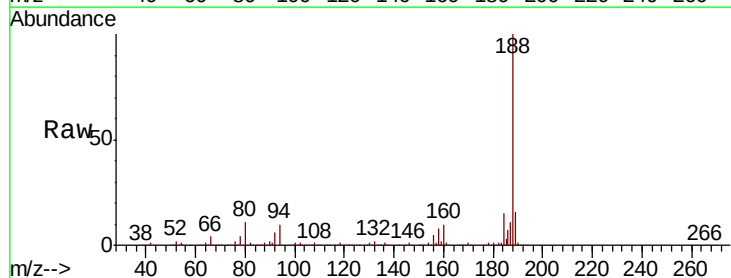
Tgt Ion: 188 Resp: 642270

Ion Ratio Lower Upper

188 100

94 10.4 7.9 11.9

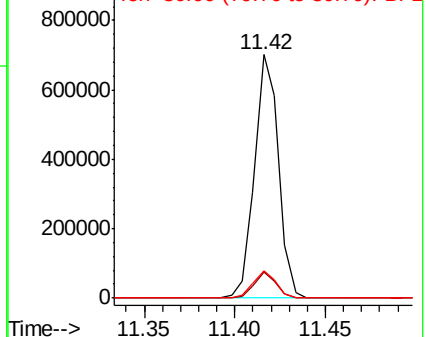
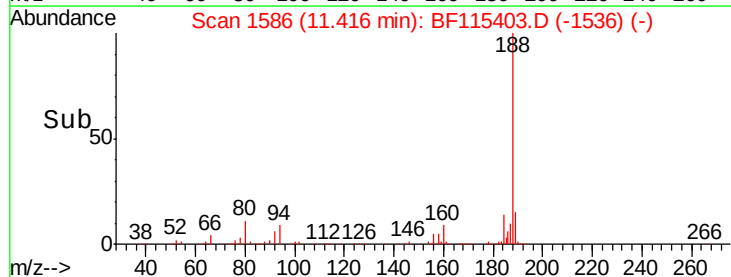
80 11.3 8.5 12.7

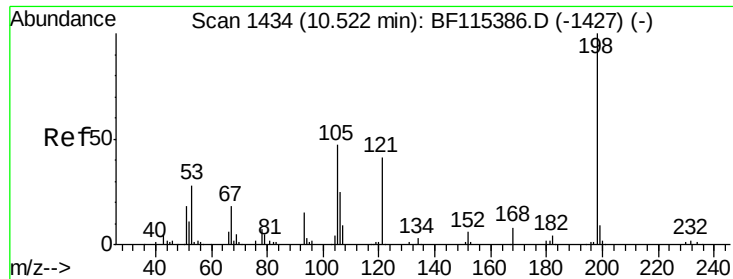


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

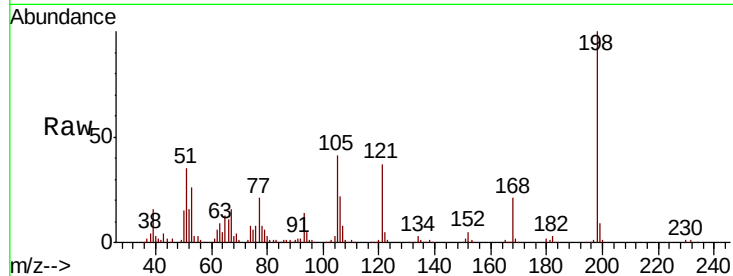




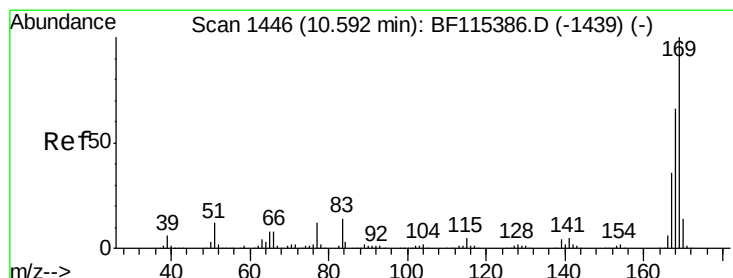
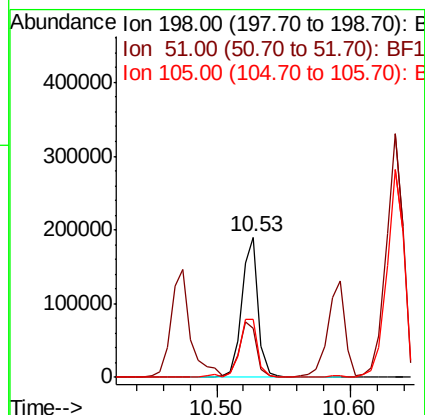
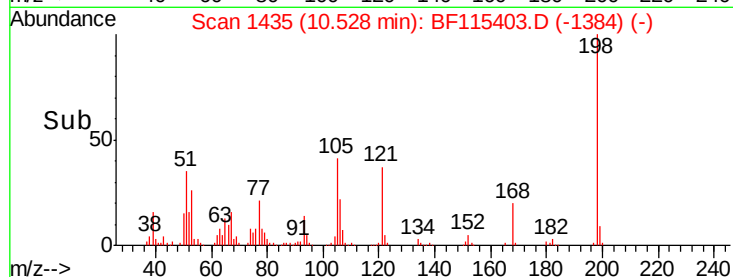
#65
4,6-Dinitro-2-methylphenol
Concen: 52.015 ng
RT: 10.53 min Scan# 1435
Delta R.T. 0.00 min
Lab File: BF115403.D
Acq: 8 Jul 2019 13:42

Instrument :
BNA_F
ClientSampleId :

Tot Ion:198 Resp: 162361
Ion Ratio Lower Upper
198 100
51 35.2 28.1 68.1
105 40.9 29.4 69.4

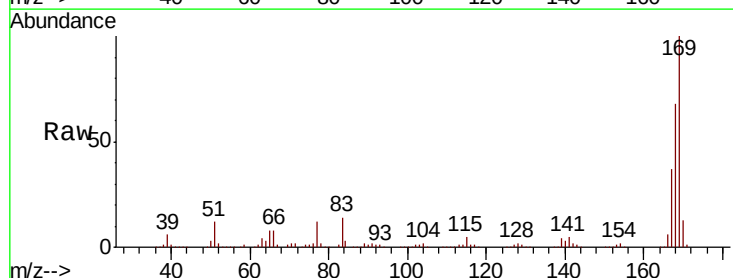


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

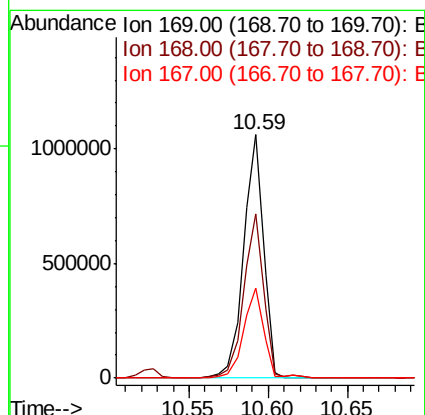
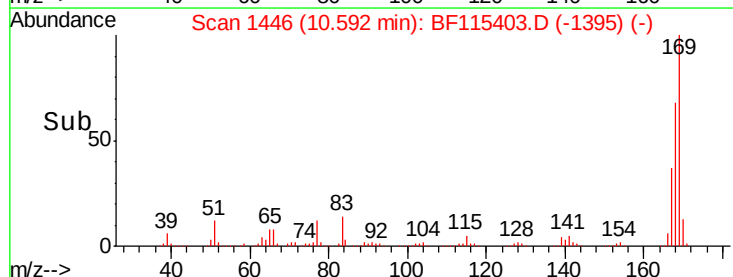


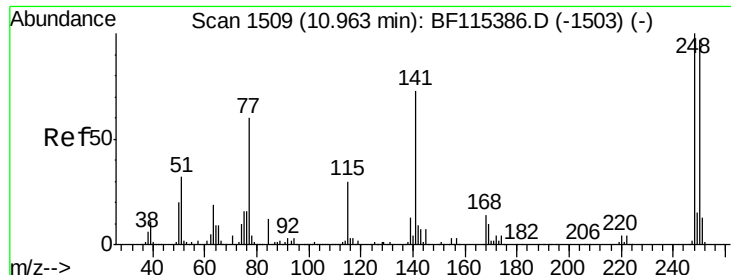
#66
n-Nitrosodiphenylamine
Concen: 45.481 ng
RT: 10.59 min Scan# 1446
Delta R.T. 0.00 min
Lab File: BF115403.D
Acq: 8 Jul 2019 13:42

Tgt Ion:169 Resp: 920394
Ion Ratio Lower Upper
169 100
168 67.7 53.6 80.4
167 37.2 29.5 44.3



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

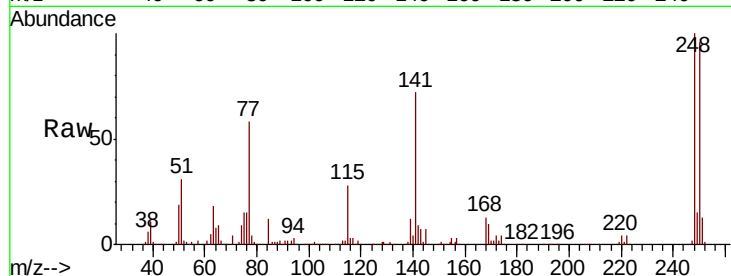




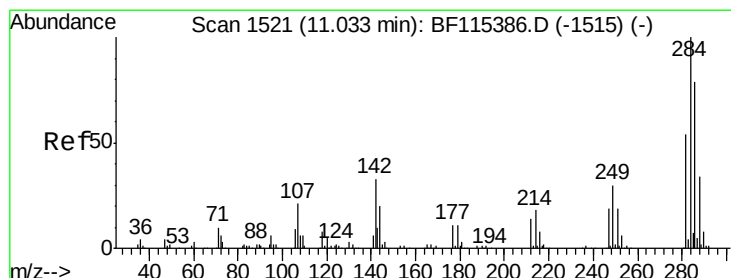
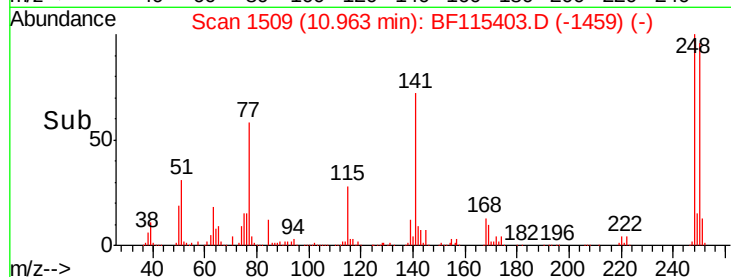
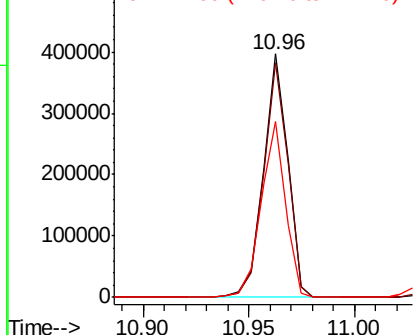
#67
4-Bromophenyl-phenylether
Concen: 44.335 ng
RT: 10.96 min Scan# 1509
Delta R.T. -0.01 min
Lab File: BF115403.D
Acq: 8 Jul 2019 13:42

Instrument :
BNA_F
ClientSampled :

Tot Ion:248 Resp: 319511
Ion Ratio Lower Upper
248 100
250 96.3 79.1 118.7
141 71.9 49.4 74.2

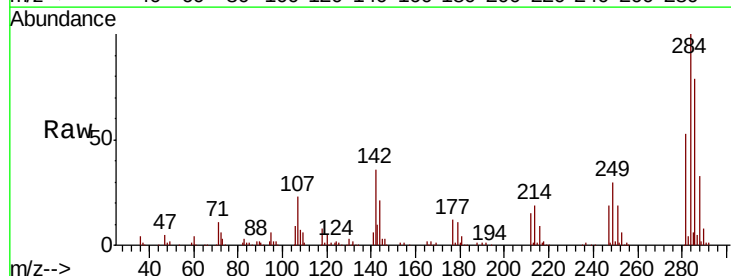


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

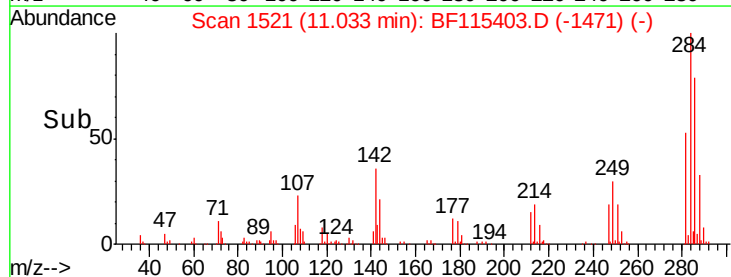
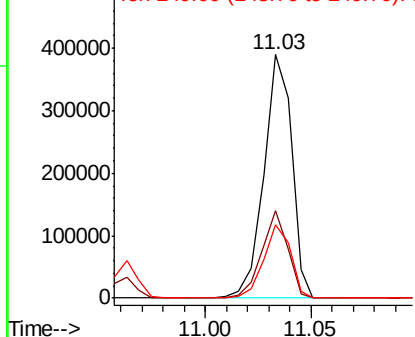


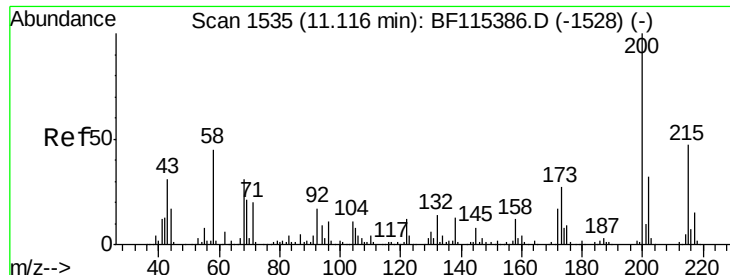
#68
Hexachlorobenzene
Concen: 44.408 ng
RT: 11.03 min Scan# 1521
Delta R.T. -0.01 min
Lab File: BF115403.D
Acq: 8 Jul 2019 13:42

Tgt Ion:284 Resp: 359121
Ion Ratio Lower Upper
284 100
142 35.9 25.0 37.6
249 30.1 24.0 36.0



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

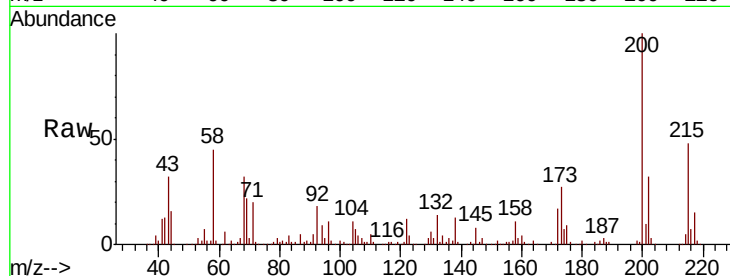




#69
 Atrazine
 Concen: 48.079 ng
 RT: 11.12 min Scan# 1535
 Delta R.T. -0.01 min
 Lab File: BF115403.D
 Acq: 8 Jul 2019 13:42

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
200	100		
173	27.1	6.8	46.8
215	48.3	27.8	67.8

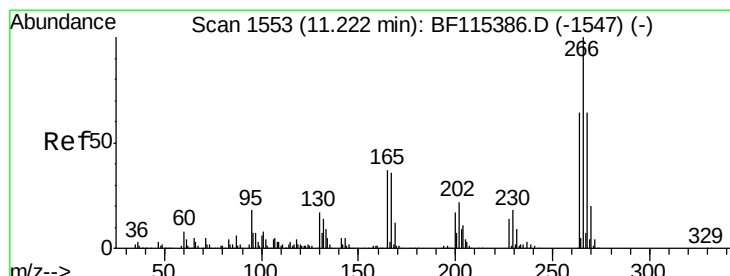
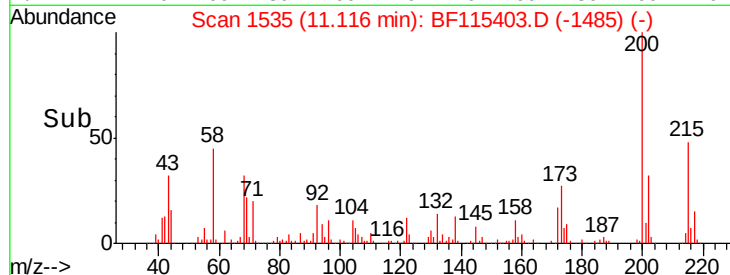
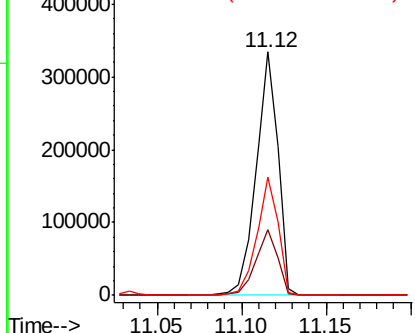


Abundance

Ion 200.00 (199.70 to 200.70): E

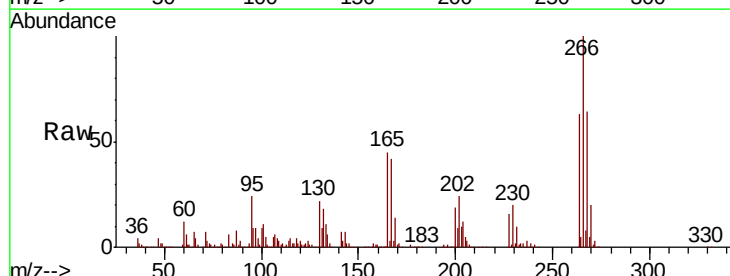
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
 Pentachlorophenol
 Concen: 87.496 ng
 RT: 11.22 min Scan# 1553
 Delta R.T. 0.00 min
 Lab File: BF115403.D
 Acq: 8 Jul 2019 13:42

Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.7	51.4	77.0
264	63.3	51.8	77.6

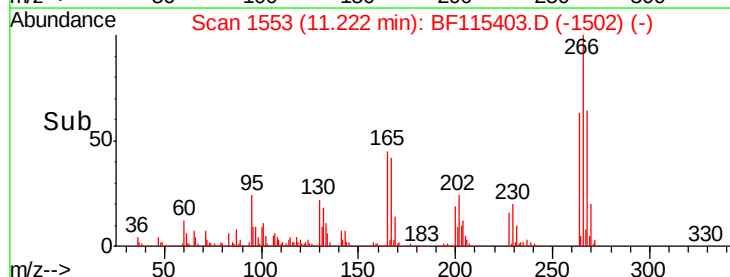
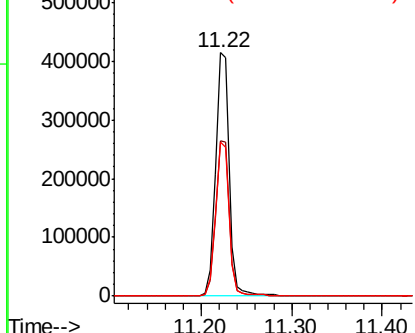


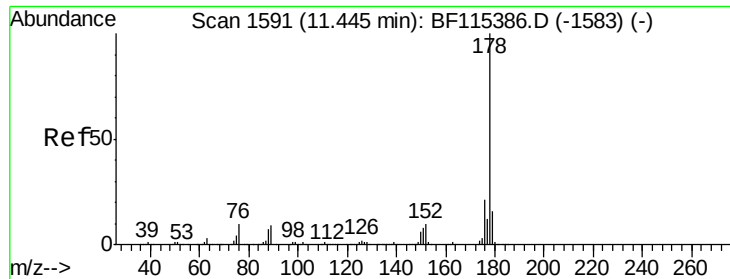
Abundance

Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

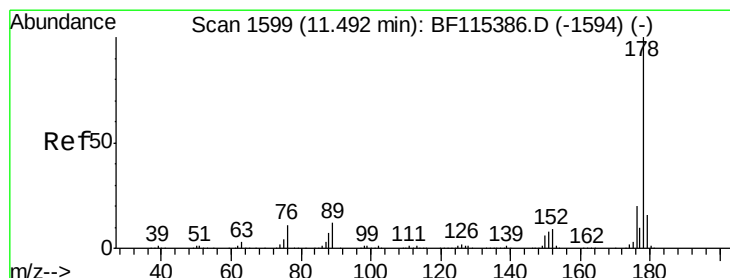
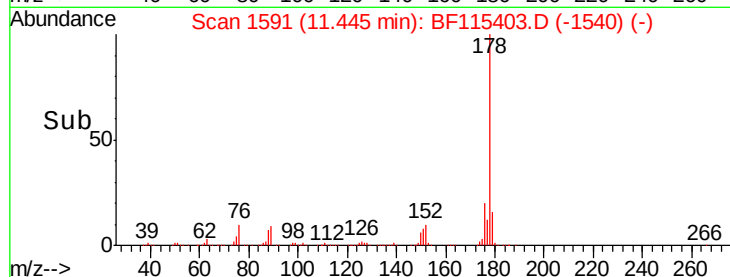
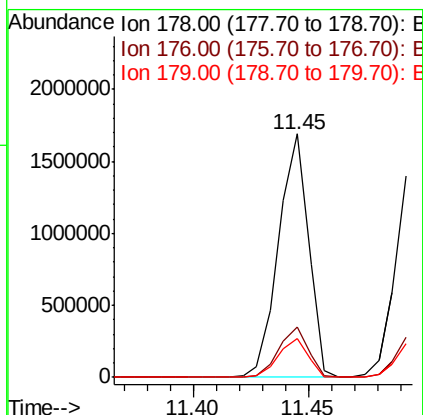
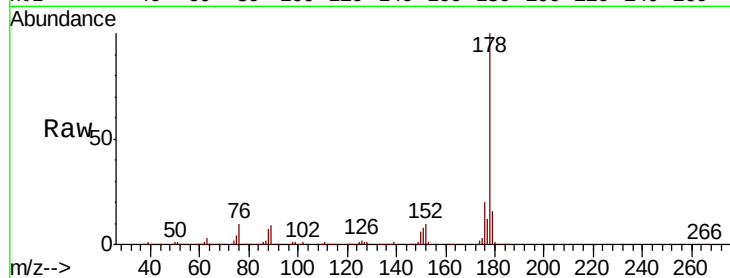




#71
Phenanthrene
Concen: 45.170 ng
RT: 11.45 min Scan# 1591
Delta R.T. 0.00 min
Lab File: BF115403.D
Acq: 8 Jul 2019 13:42

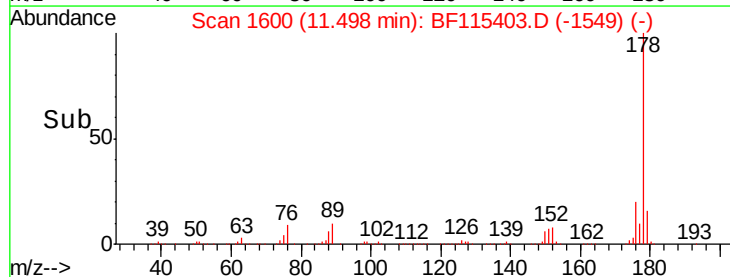
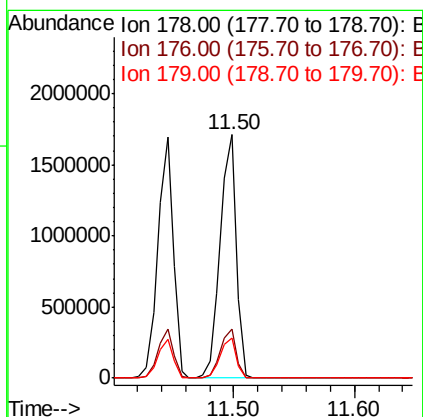
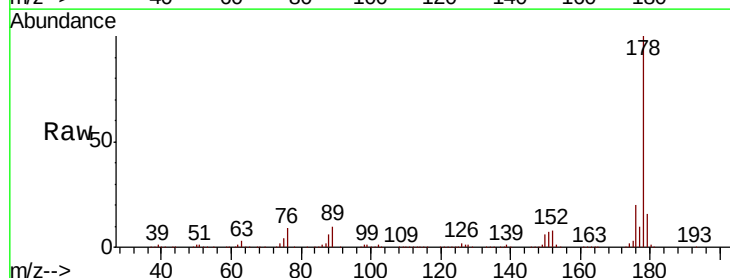
Instrument :
BNA_F
ClientSampled :

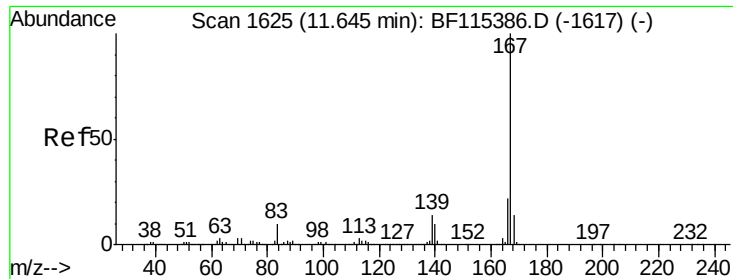
Tot Ion:178 Resp: 1525781
Ion Ratio Lower Upper
178 100
176 20.5 16.6 24.8
179 16.1 13.0 19.6



#72
Anthracene
Concen: 46.282 ng
RT: 11.50 min Scan# 1600
Delta R.T. 0.00 min
Lab File: BF115403.D
Acq: 8 Jul 2019 13:42

Tgt Ion:178 Resp: 1567680
Ion Ratio Lower Upper
178 100
176 20.2 16.2 24.4
179 16.2 13.2 19.8

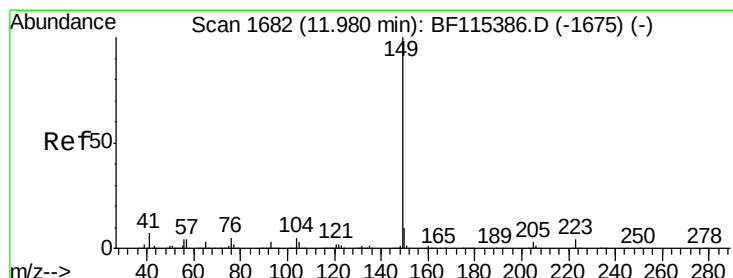
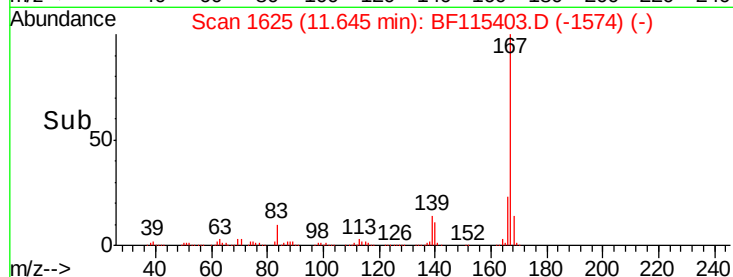
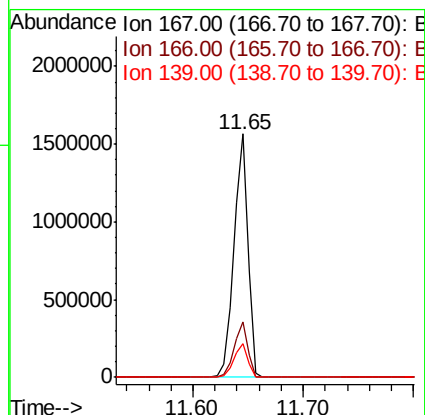
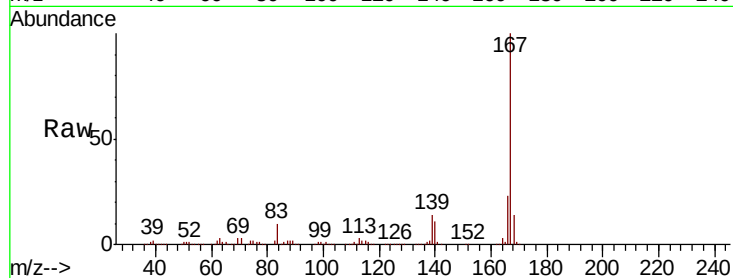




#73
 Carbazole
 Concen: 45.098 ng
 RT: 11.65 min Scan# 1625
 Delta R.T. 0.00 min
 Lab File: BF115403.D
 Acq: 8 Jul 2019 13:42

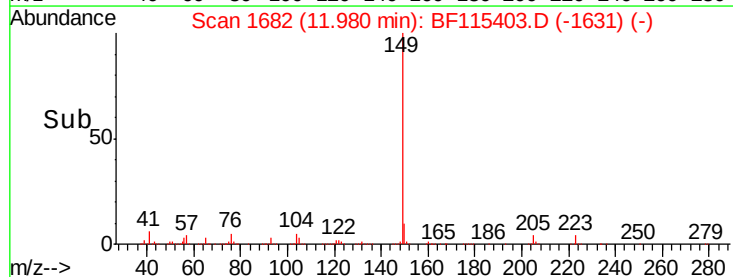
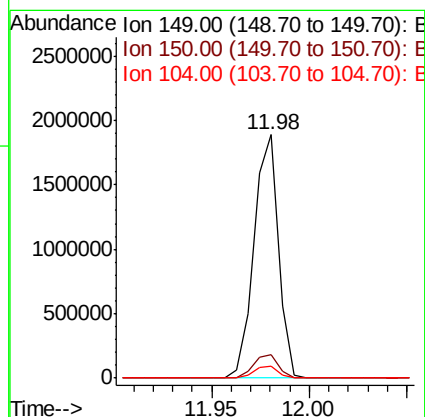
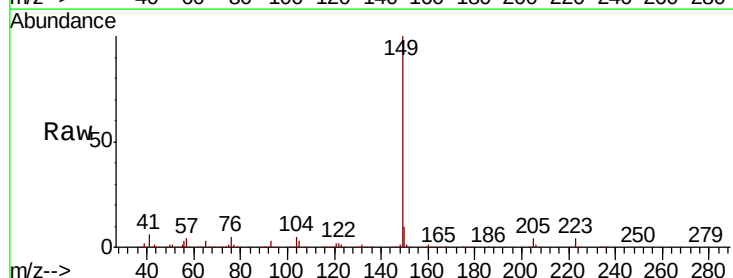
Instrument :
 BNA_F
 ClientSampleId :

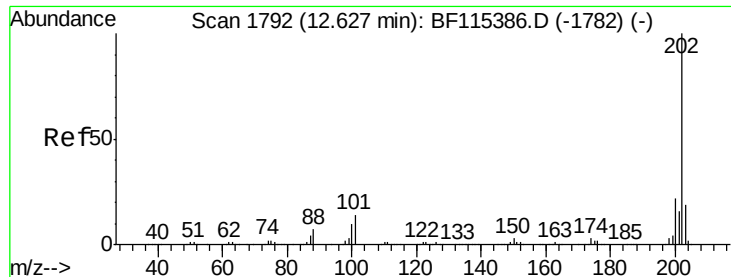
Tot Ion:167 Resp: 1397476
 Ion Ratio Lower Upper
 167 100
 166 22.8 18.2 27.2
 139 14.0 11.2 16.8



#74
 Di-n-butylphthalate
 Concen: 43.713 ng
 RT: 11.98 min Scan# 1682
 Delta R.T. 0.00 min
 Lab File: BF115403.D
 Acq: 8 Jul 2019 13:42

Tgt Ion:149 Resp: 1637077
 Ion Ratio Lower Upper
 149 100
 150 9.8 8.2 12.2
 104 5.1 4.4 6.6





#75

Fluoranthene

Concen: 45.256 ng

RT: 12.63 min Scan# 1792

Delta R.T. -0.01 min

Lab File: BF115403.D

Acq: 8 Jul 2019 13:42

Instrument :

BNA_F

ClientSampleId :

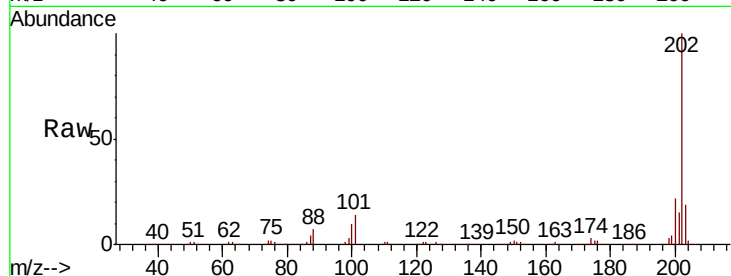
Tot Ion:202 Resp: 1609557

Ion	Ratio	Lower	Upper
202	100		
101	13.5	0.0	33.3
203	18.7	0.0	38.9

202 100

101 13.5 0.0 33.3

203 18.7 0.0 38.9

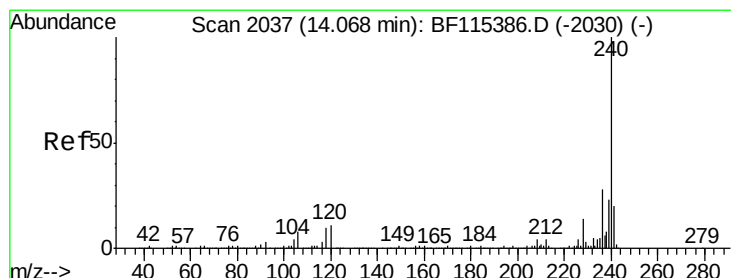
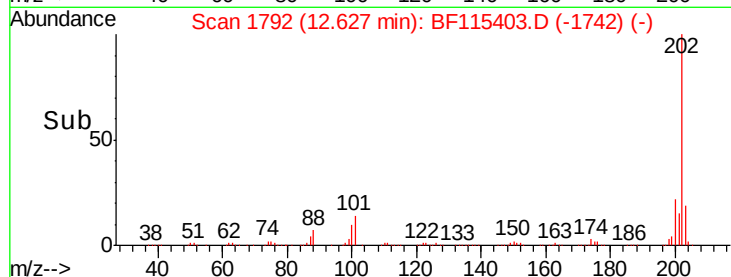
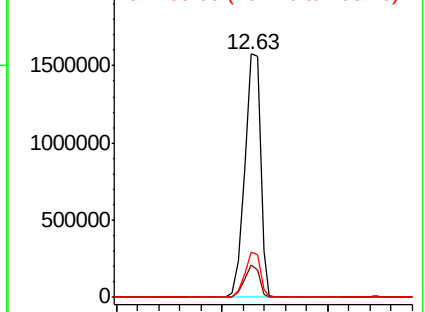


Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.06 min Scan# 2036

Delta R.T. -0.01 min

Lab File: BF115403.D

Acq: 8 Jul 2019 13:42

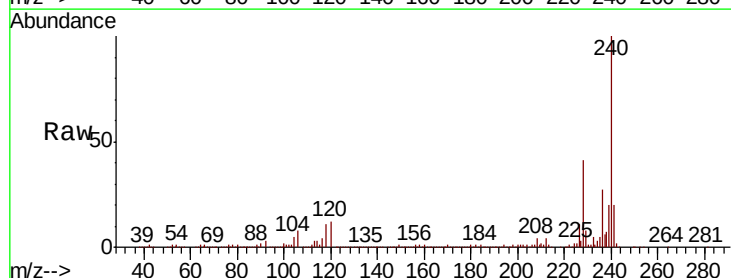
Tgt Ion:240 Resp: 477575

Ion	Ratio	Lower	Upper
240	100		
120	12.5	10.5	15.7
236	27.2	21.1	31.7

240 100

120 12.5 10.5 15.7

236 27.2 21.1 31.7

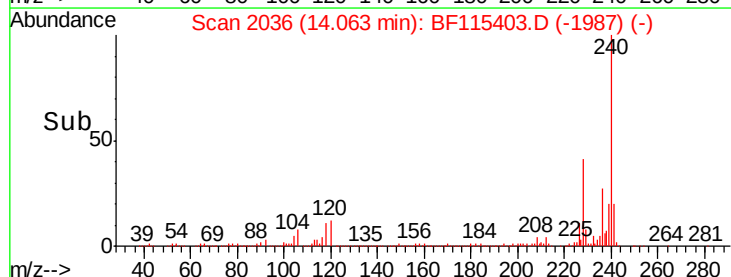
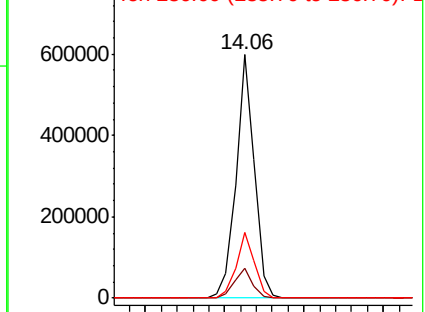


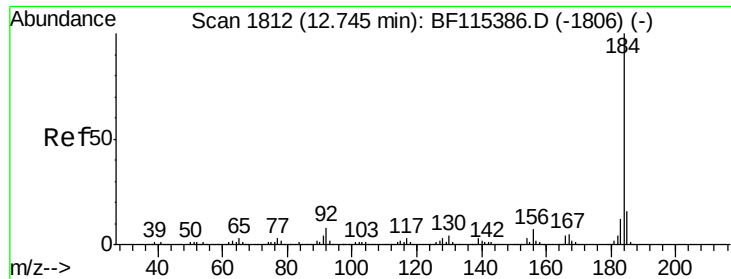
Abundance

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: 44.261 ng

RT: 12.75 min Scan# 1812

Delta R.T. 0.00 min

Lab File: BF115403.D

Acq: 8 Jul 2019 13:42

Instrument :

BNA_F

ClientSampleId :

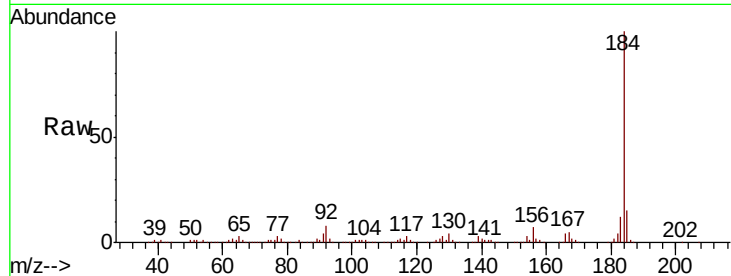
Tot Ion:184 Resp: 824304

Ion Ratio Lower Upper

184 100

185 15.1 12.5 18.7

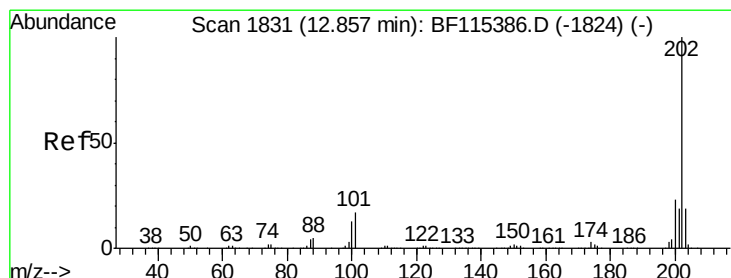
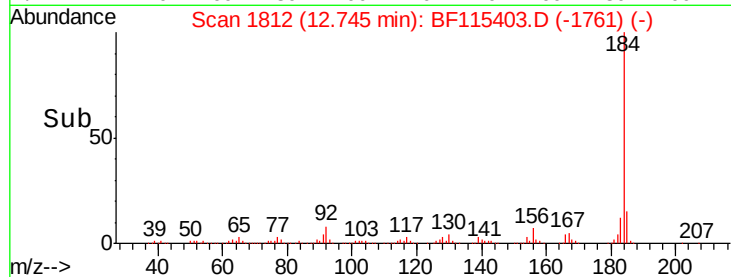
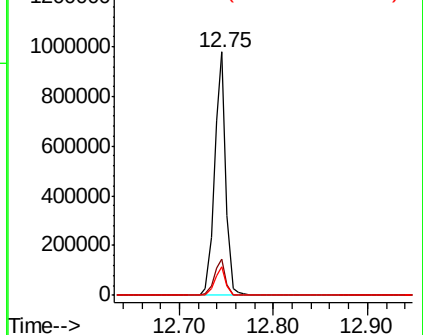
183 11.5 9.5 14.3



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: 43.865 ng

RT: 12.86 min Scan# 1832

Delta R.T. 0.00 min

Lab File: BF115403.D

Acq: 8 Jul 2019 13:42

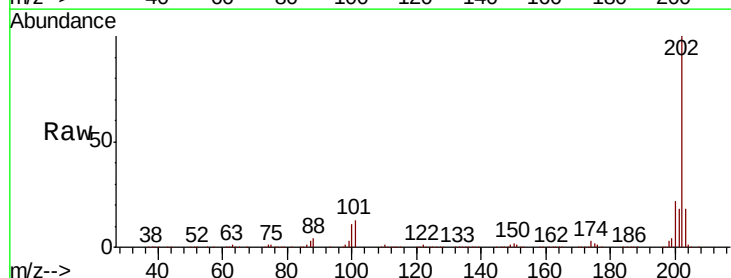
Tgt Ion:202 Resp: 1629071

Ion Ratio Lower Upper

202 100

200 22.3 18.5 27.7

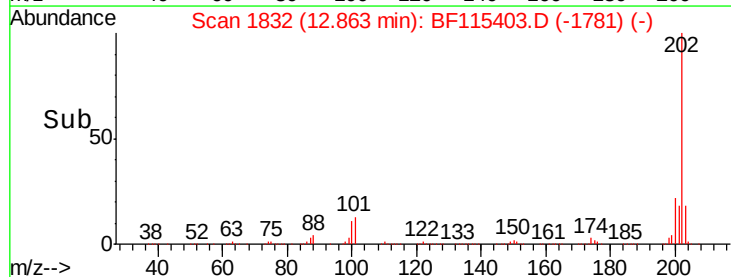
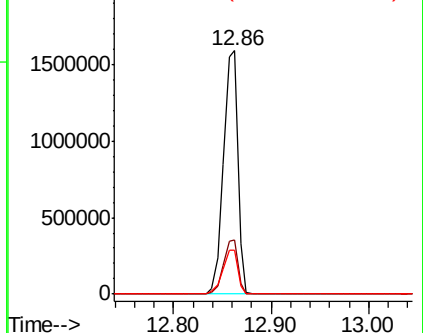
203 18.2 15.1 22.7

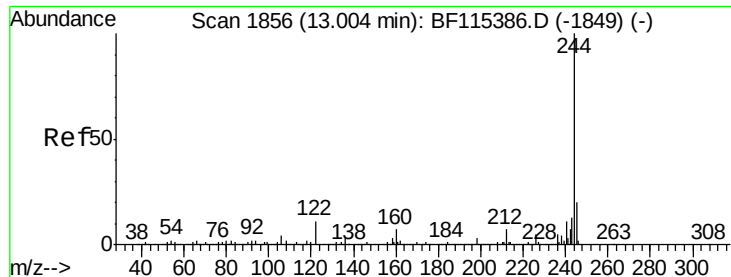


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 84.569 ng

RT: 13.00 min Scan# 1856

Delta R.T. 0.00 min

Lab File: BF115403.D

Acq: 8 Jul 2019 13:42

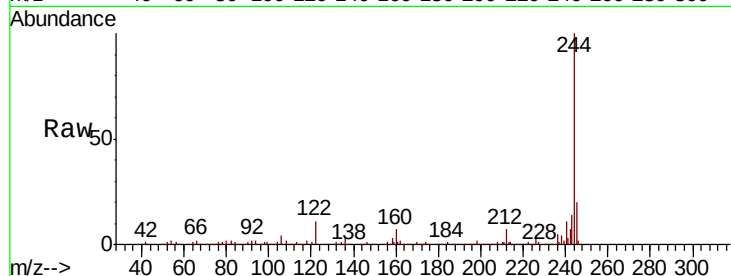
Instrument :

BNA_F

ClientSampled :

Tot Ion:244 Resp: 1972547

Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.8	8.6
122	11.4	9.7	14.5

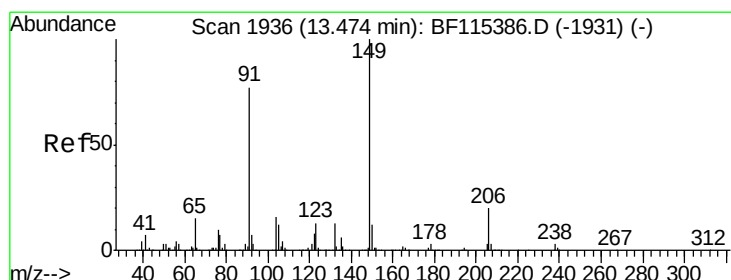
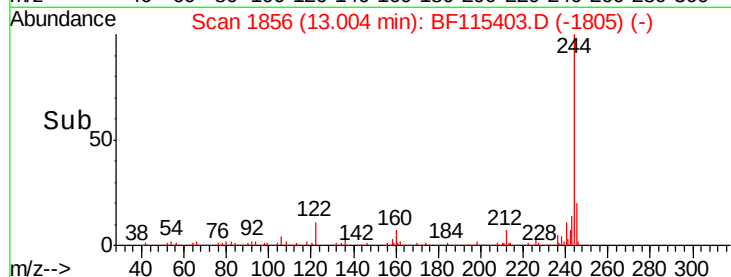
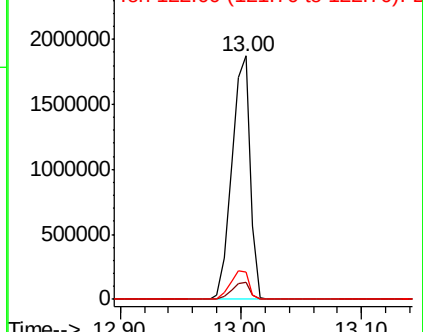


Abundance

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: 44.727 ng

RT: 13.47 min Scan# 1936

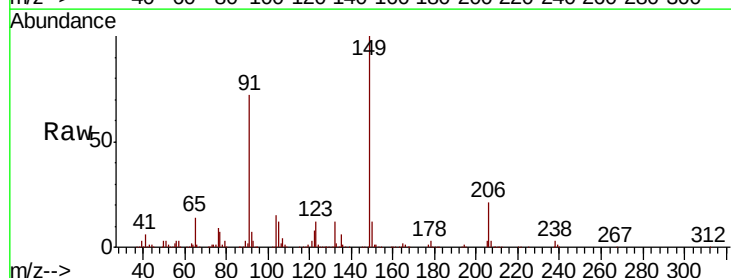
Delta R.T. -0.01 min

Lab File: BF115403.D

Acq: 8 Jul 2019 13:42

Tgt Ion:149 Resp: 725770

Ion	Ratio	Lower	Upper
149	100		
91	72.1	58.1	87.1
206	21.4	17.4	26.0

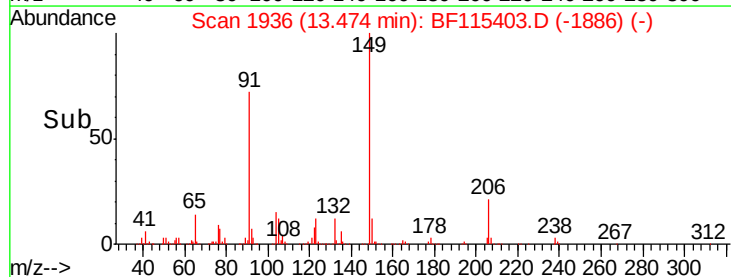
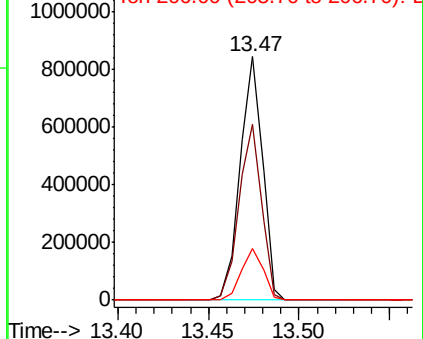


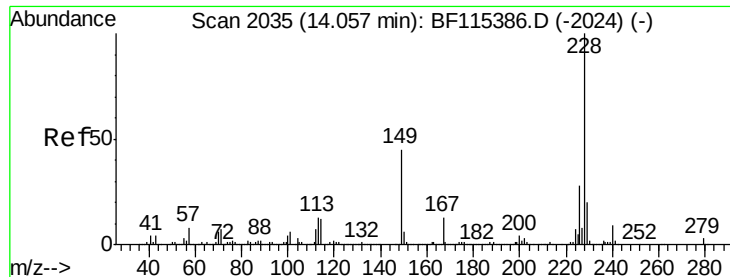
Abundance

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

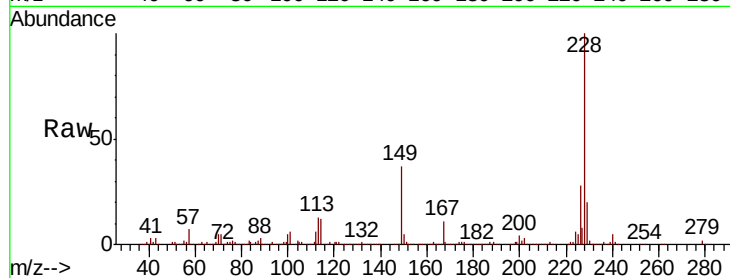




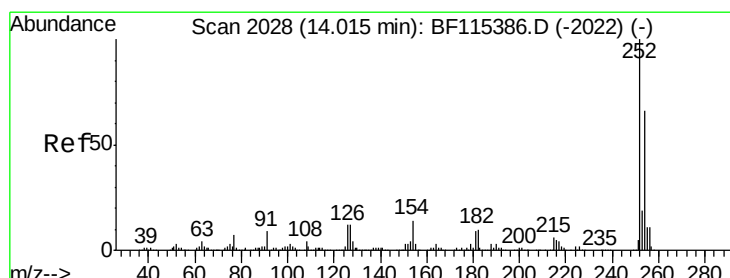
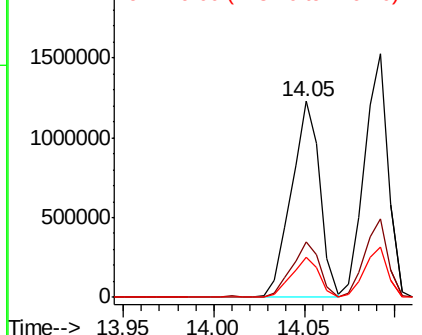
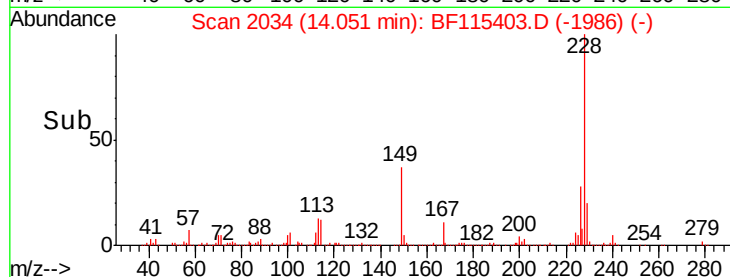
#81
Benzo(a)anthracene
Concen: 44.290 ng
RT: 14.05 min Scan# 2034
Delta R.T. -0.02 min
Lab File: BF115403.D
Acq: 8 Jul 2019 13:42

Instrument :
BNA_F
ClientSampleId :

Tot Ion:228 Resp: 1355276
Ion Ratio Lower Upper
228 100
226 28.4 23.2 34.8
229 20.2 16.4 24.6

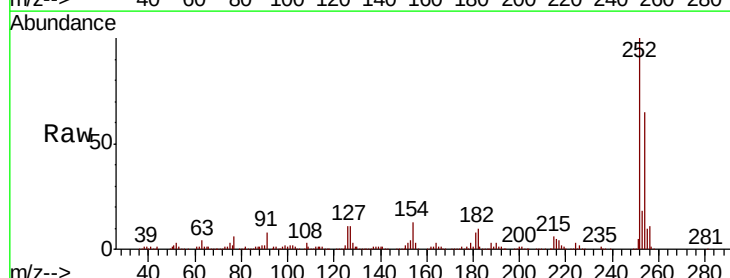


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

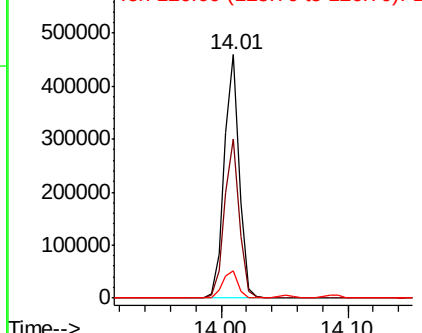
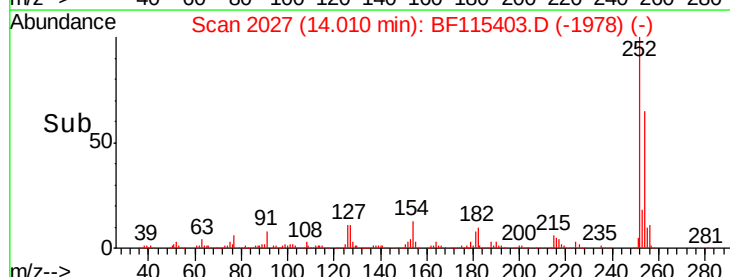


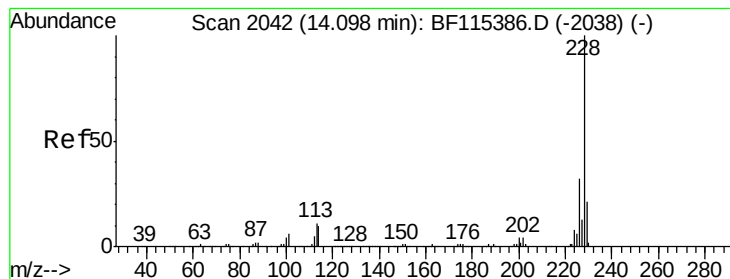
#82
3,3'-Dichlorobenzidine
Concen: 34.090 ng
RT: 14.01 min Scan# 2027
Delta R.T. -0.01 min
Lab File: BF115403.D
Acq: 8 Jul 2019 13:42

Tgt Ion:252 Resp: 378512
Ion Ratio Lower Upper
252 100
254 65.3 52.2 78.4
126 11.1 10.7 16.1



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

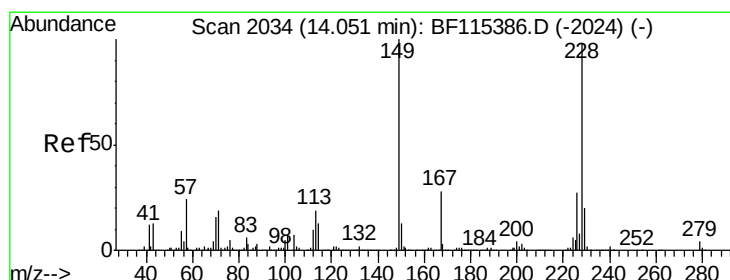
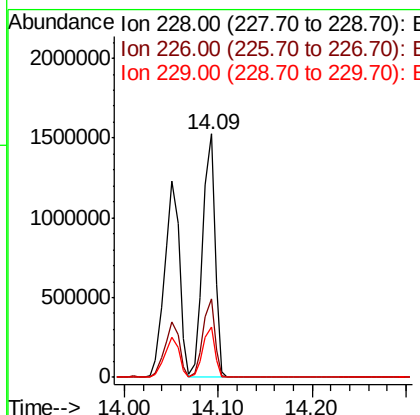
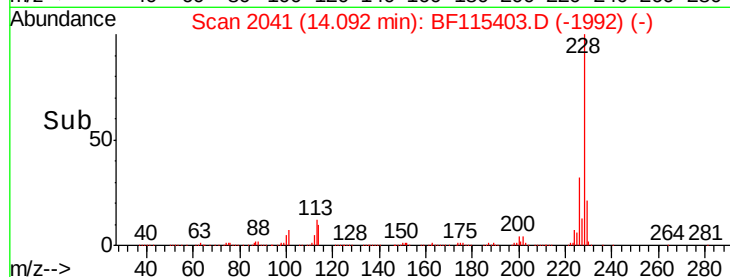
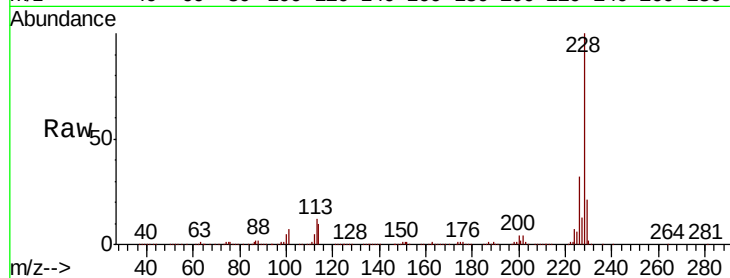




#83
 Chrysene
 Concen: 44.289 ng
 RT: 14.09 min Scan# 2041
 Delta R.T. -0.01 min
 Lab File: BF115403.D
 Acq: 8 Jul 2019 13:42

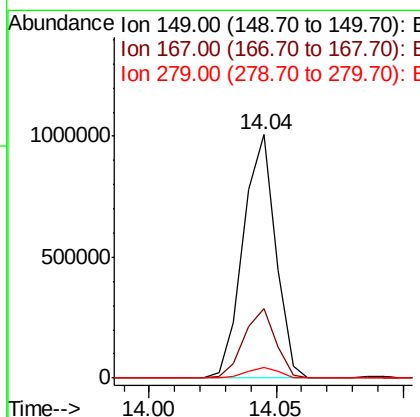
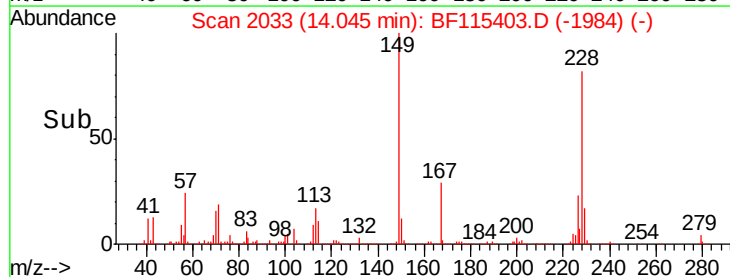
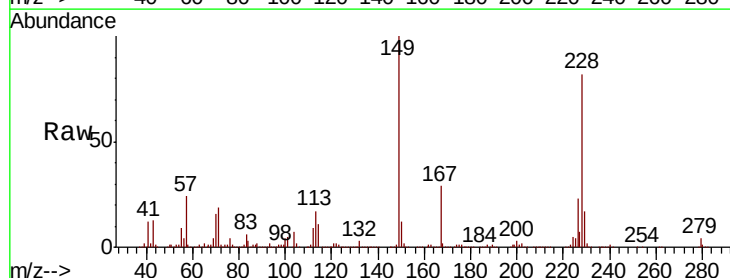
Instrument :
 BNA_F
 ClientSampleId :

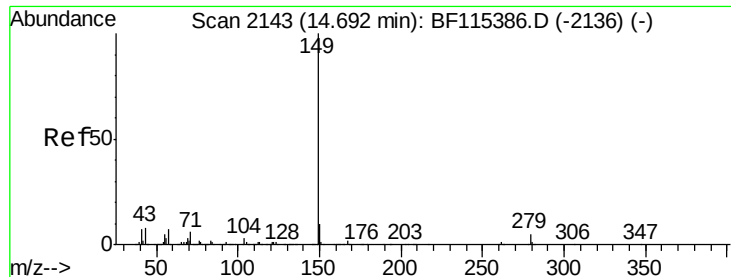
Tot Ion:228 Resp: 1392484
 Ion Ratio Lower Upper
 228 100
 226 32.2 25.7 38.5
 229 20.9 16.6 24.8



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 44.670 ng
 RT: 14.04 min Scan# 2033
 Delta R.T. -0.01 min
 Lab File: BF115403.D
 Acq: 8 Jul 2019 13:42

Tgt Ion:149 Resp: 897652
 Ion Ratio Lower Upper
 149 100
 167 28.6 22.6 33.8
 279 4.4 3.6 5.4





#85

Di-n-octyl phthalate

Concen: 45.801 ng

RT: 14.68 min Scan# 2141

Delta R.T. -0.02 min

Lab File: BF115403.D

Acq: 8 Jul 2019 13:42

Instrument :

BNA_F

ClientSampleId :

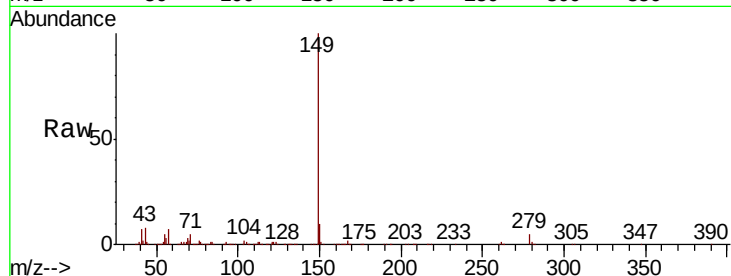
Tot Ion:149 Resp: 1638472

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

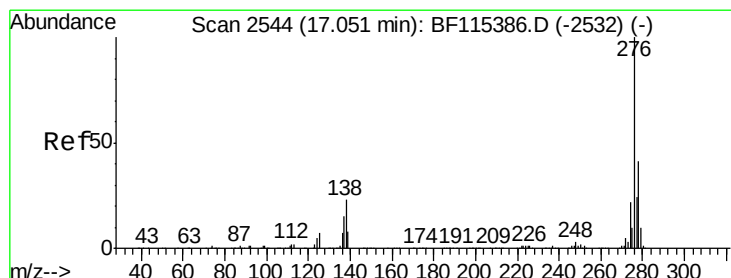
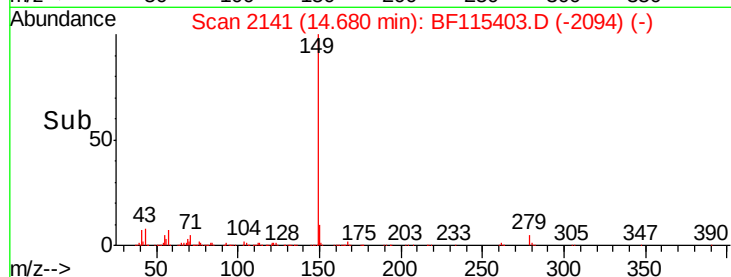
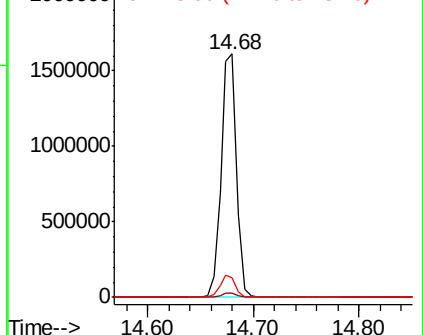
43 9.0 7.4 11.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 47.912 ng

RT: 17.04 min Scan# 2543

Delta R.T. -0.04 min

Lab File: BF115403.D

Acq: 8 Jul 2019 13:42

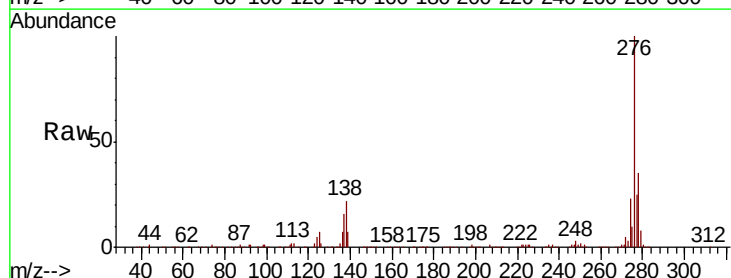
Tgt Ion:276 Resp: 1223936

Ion Ratio Lower Upper

276 100

138 25.3 20.4 30.6

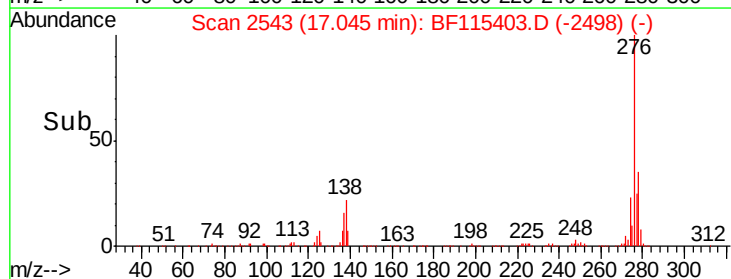
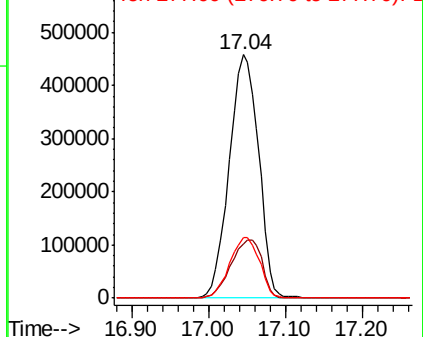
277 25.4 20.2 30.2

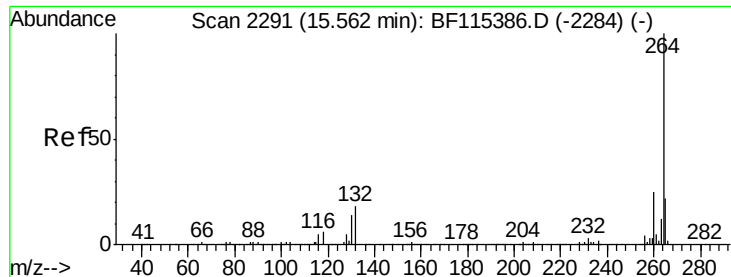


Abundance Ion 276.00 (275.70 to 276.70): E

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: 15.56 min Scan# 2290

Delta R.T. -0.03 min

Lab File: BF115403.D

Acq: 8 Jul 2019 13:42

Instrument :

BNA_F

ClientSampleId :

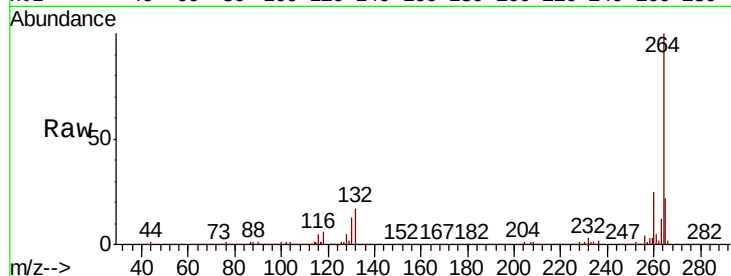
Tot Ion:264 Resp: 484317

Ion Ratio Lower Upper

264 100

260 24.7 20.3 30.5

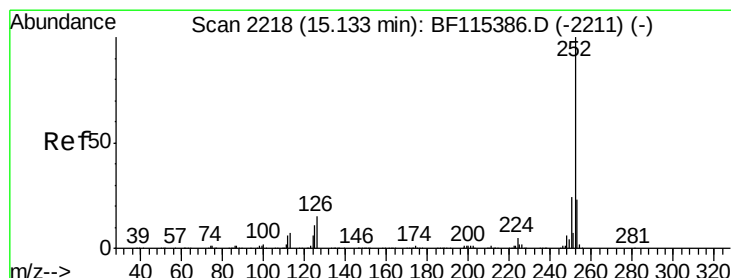
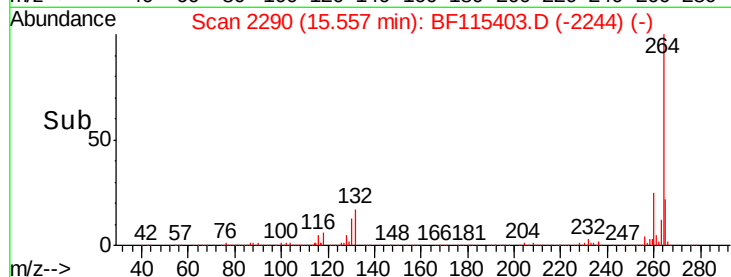
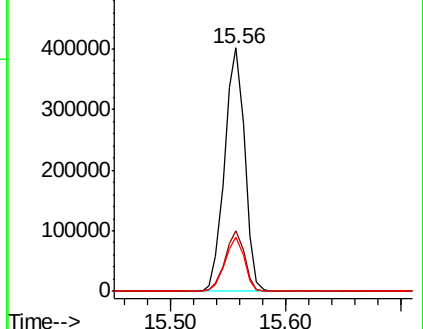
265 22.0 17.6 26.4



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 43.106 ng

RT: 15.13 min Scan# 2217

Delta R.T. -0.02 min

Lab File: BF115403.D

Acq: 8 Jul 2019 13:42

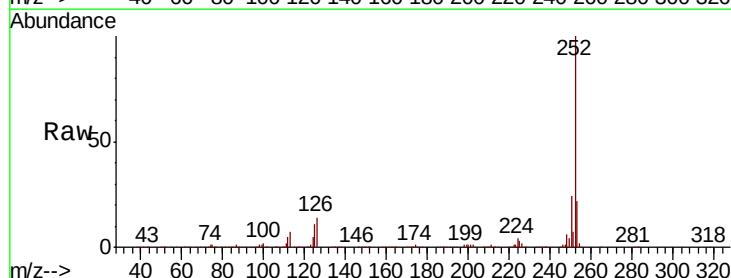
Tgt Ion:252 Resp: 1359278

Ion Ratio Lower Upper

252 100

253 22.2 18.4 27.6

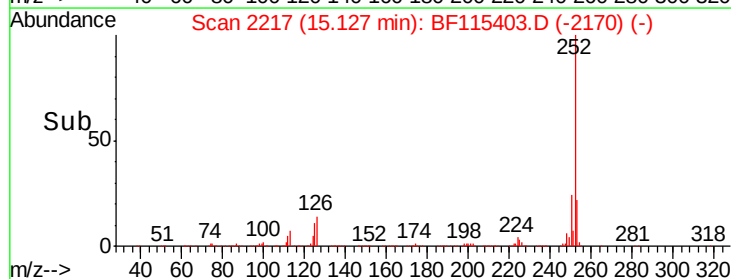
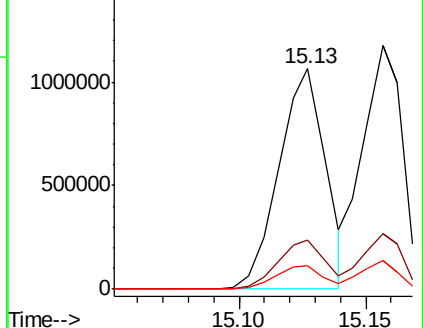
125 10.6 9.0 13.4

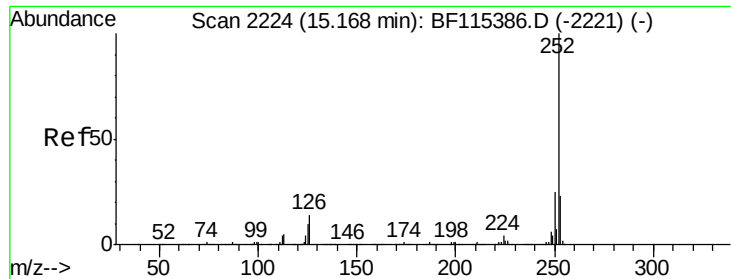


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

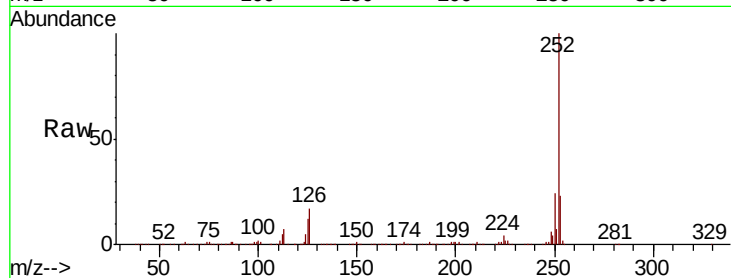




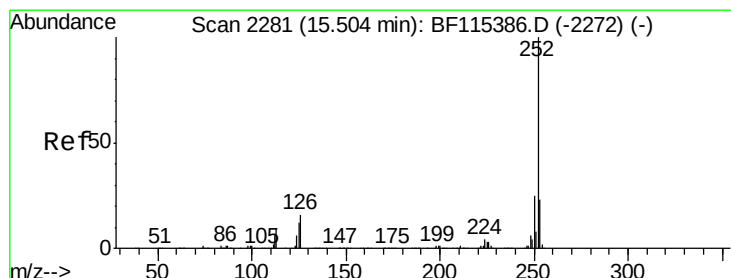
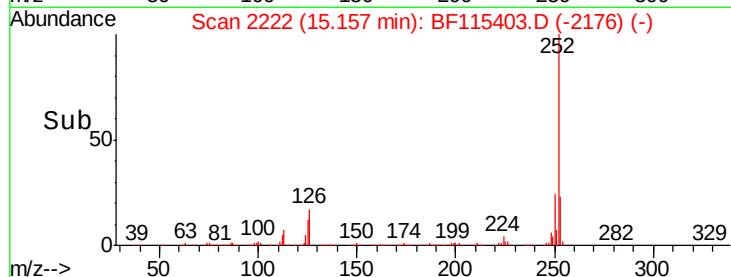
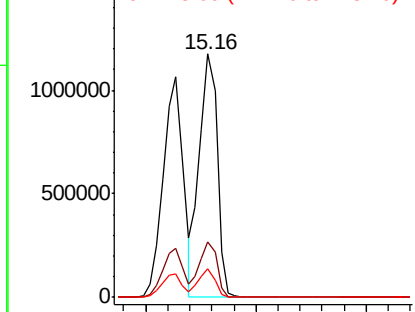
#89
Benzo(k)fluoranthene
Concen: 46.371 ng
RT: 15.16 min Scan# 2222
Delta R.T. -0.03 min
Lab File: BF115403.D
Acq: 8 Jul 2019 13:42

Instrument :
BNA_F
ClientSampleId :

Tot Ion:252 Resp: 1300421
Ion Ratio Lower Upper
252 100
253 22.6 18.2 27.2
125 11.5 8.2 12.4

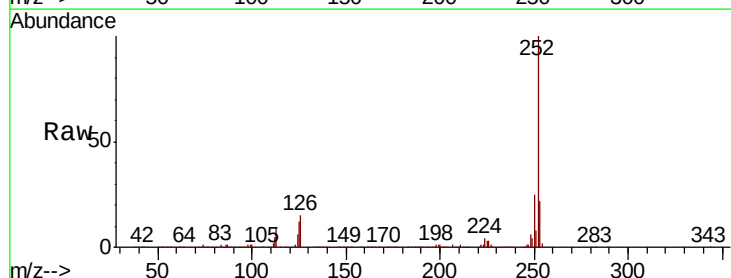


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

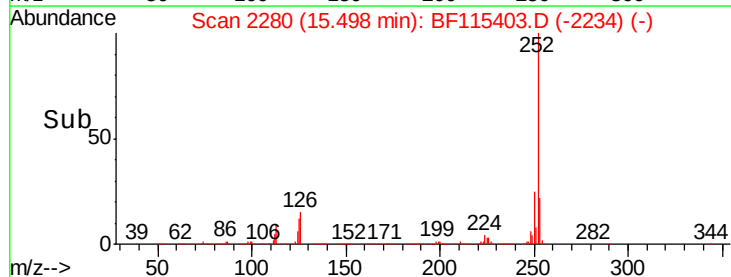
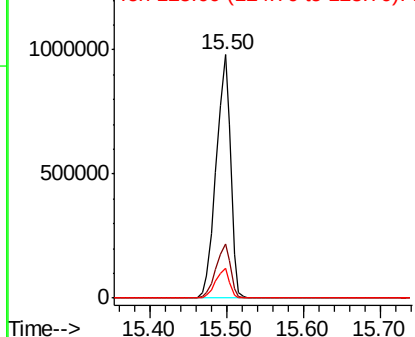


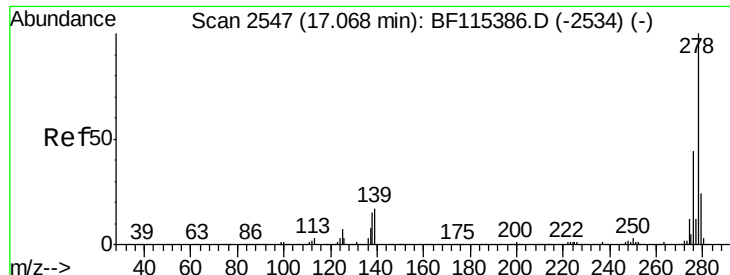
#90
Benzo(a)pyrene
Concen: 46.187 ng
RT: 15.50 min Scan# 2280
Delta R.T. -0.03 min
Lab File: BF115403.D
Acq: 8 Jul 2019 13:42

Tgt Ion:252 Resp: 1256191
Ion Ratio Lower Upper
252 100
253 22.4 18.2 27.2
125 12.2 9.0 13.4



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



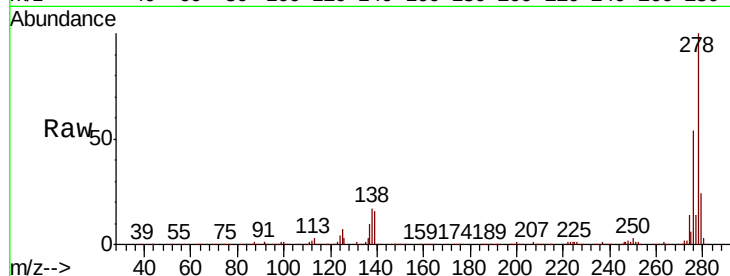


#91
Dibenzo(a,h)anthracene
Concen: 44.049 ng
RT: 17.06 min Scan# 2546
Delta R.T. -0.04 min
Lab File: BF115403.D
Acq: 8 Jul 2019 13:42

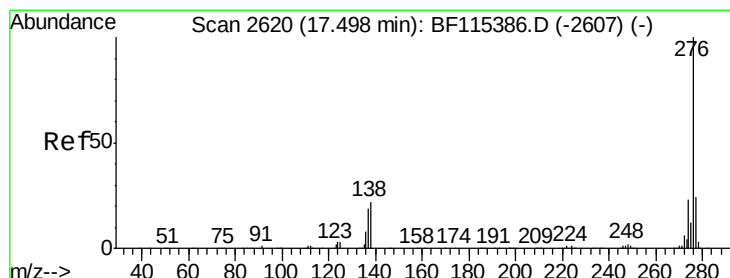
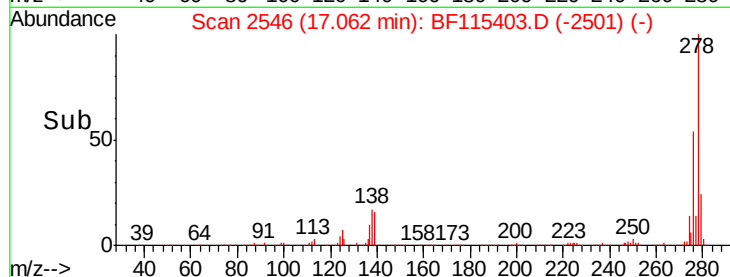
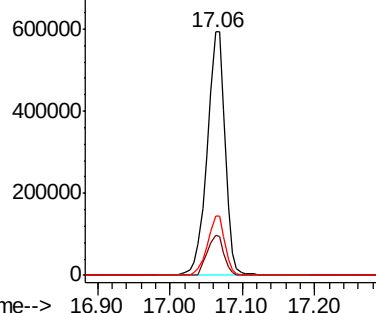
Instrument :
BNA_F
ClientSampleId :

Tot Ion:278 Resp: 1023746

Ion	Ratio	Lower	Upper
278	100		
139	16.4	13.4	20.2
279	24.3	20.0	30.0



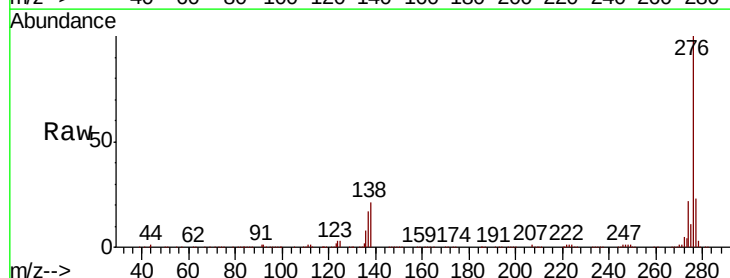
Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 44.839 ng
RT: 17.50 min Scan# 2620
Delta R.T. -0.04 min
Lab File: BF115403.D
Acq: 8 Jul 2019 13:42

Tgt Ion:276 Resp: 986372

Ion	Ratio	Lower	Upper
276	100		
277	22.9	18.8	28.2
138	20.9	17.6	26.4



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

