

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071619\
 Data File : BF115606.D
 Acq On : 16 Jul 2019 19:18
 Operator : HP/JU
 Sample : K3830-05MSD
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 17 05:17:02 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 12 14:03:52 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	160423	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	630587	20.00	ng	0.00
39) Acenaphthene-d10	9.92	164	303111	20.00	ng	0.00
64) Phenanthrene-d10	11.40	188	541449	20.00	ng	0.00
76) Chrysene-d12	14.04	240	324258	20.00	ng	0.00
87) Perylene-d12	15.51	264	422084	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.51	112	1082080	110.33	ng	0.00
7) Phenol-d6	6.52	99	1495583	120.18	ng	0.00
23) Nitrobenzene-d5	7.45	82	919564	84.79	ng	0.00
42) 2,4,6-Tribromophenol	10.71	330	384796	108.76	ng	0.00
45) 2-Fluorobiphenyl	9.24	172	1547626	89.37	ng	-0.01
79) Terphenyl-d14	12.99	244	1406411	80.03	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.71	88	161431	32.998	ng	97
3) Pyridine	3.47	79	419993	31.643	ng	99
4) n-Nitrosodimethylamine	3.40	42	175126	36.370	ng	97
6) Aniline	6.55	93	348530	20.125	ng	97
8) 2-Chlorophenol	6.67	128	427886	37.947	ng	98
9) Benzaldehyde	6.43	77	216127	27.791	ng	97
10) Phenol	6.53	94	536678	37.149	ng	82
11) bis(2-Chloroethyl)ether	6.62	93	413019	37.551	ng	98
12) 1,3-Dichlorobenzene	6.83	146	452228	35.671	ng	99
13) 1,4-Dichlorobenzene	6.90	146	457613	36.177	ng	97
14) 1,2-Dichlorobenzene	7.06	146	424884	36.745	ng	97
15) Benzyl Alcohol	7.02	79	374369	37.922	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.16	45	547687	37.822	ng	96
17) 2-Methylphenol	7.13	107	362712	37.326	ng	98
18) Hexachloroethane	7.40	117	161057	34.304	ng	96
19) n-Nitroso-di-n-propylamine	7.29	70	292226	36.005	ng	96
20) 3+4-Methylphenols	7.29	107	428285	37.105	ng	# 83
22) Acetophenone	7.29	105	574915	40.357	ng	# 98
24) Nitrobenzene	7.46	77	455603	38.950	ng	98
25) Isophorone	7.70	82	837326	38.586	ng	99
26) 2-Nitrophenol	7.78	139	229779	38.165	ng	97
27) 2,4-Dimethylphenol	7.82	122	372651	41.367	ng	99
28) bis(2-Chloroethoxy)methane	7.91	93	513823	38.596	ng	99
29) 2,4-Dichlorophenol	8.02	162	361148	38.548	ng	97
30) 1,2,4-Trichlorobenzene	8.10	180	397753	37.559	ng	99
31) Naphthalene	8.19	128	1211772	39.679	ng	97
32) Benzoic acid	7.87	122	15144	2.048	ng	# 83
33) 4-Chloroaniline	8.23	127	201344	14.884	ng	99
34) Hexachlorobutadiene	8.31	225	217534	35.820	ng	99
35) Caprolactam	8.59	113	80643	27.856	ng	97
36) 4-Chloro-3-methylphenol	8.72	107	382991	39.410	ng	98
37) 2-Methylnaphthalene	8.88	142	802435	39.639	ng	98
38) 1-Methylnaphthalene	8.98	142	767922	39.937	ng	98
40) 1,2,4,5-Tetrachlorobenzene	9.05	216	365392	40.031	ng	98

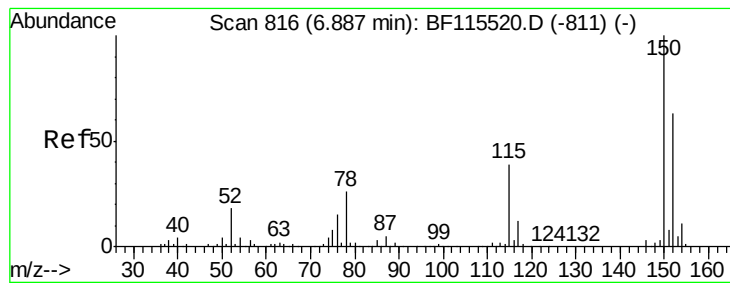
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071619\
 Data File : BF115606.D
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Quant Time: Jul 17 05:17:02 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 12 14:03:52 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.04	237	205252	39.420	ng	100
43) 2,4,6-Trichlorophenol	9.16	196	255777	38.318	ng	99
44) 2,4,5-Trichlorophenol	9.20	196	271989	39.788	ng	98
46) 1,1'-Biphenyl	9.35	154	975086	41.148	ng	97
47) 2-Chloronaphthalene	9.37	162	764004	38.720	ng	97
48) 2-Nitroaniline	9.46	65	240782	39.426	ng	98
49) Acenaphthylene	9.78	152	1204078	41.183	ng	98
50) Dimethylphthalate	9.64	163	1161262	50.921	ng	100
51) 2,6-Dinitrotoluene	9.70	165	201970	38.971	ng	97
52) Acenaphthene	9.96	154	697095	36.930	ng	99
53) 3-Nitroaniline	9.86	138	153688	25.950	ng	100
54) 2,4-Dinitrophenol	9.97	184	34433	12.941	ng	# 58
55) Dibenzofuran	10.13	168	1032204	38.506	ng	99
56) 4-Nitrophenol	10.03	139	318051	70.425	ng	97
57) 2,4-Dinitrotoluene	10.10	165	261475	38.943	ng	92
58) Fluorene	10.47	166	760323	39.676	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.25	232	211604	37.029	ng	99
60) Diethylphthalate	10.34	149	853417	39.940	ng	98
61) 4-Chlorophenyl-phenylether	10.46	204	394684	37.140	ng	95
62) 4-Nitroaniline	10.48	138	190779	33.582	ng	99
63) Azobenzene	10.62	77	862060	41.594	ng	98
65) 4,6-Dinitro-2-methylphenol	10.51	198	60578	18.312	ng	95
66) n-Nitrosodiphenylamine	10.57	169	709164	42.106	ng	99
67) 4-Bromophenyl-phenylether	10.95	248	240514	38.871	ng	96
68) Hexachlorobenzene	11.02	284	257272	36.409	ng	95
69) Atrazine	11.10	200	228976	41.441	ng	100
70) Pentachlorophenol	11.21	266	263144	60.888	ng	99
71) Phenanthrene	11.43	178	1254479	45.200	ng	97
72) Anthracene	11.48	178	1132872	39.496	ng	100
73) Carbazole	11.63	167	976291	38.815	ng	98
74) Di-n-butylphthalate	11.96	149	1185187	38.254	ng	99
75) Fluoranthene	12.62	202	1365016	46.542	ng	99
77) Benzidine	12.73	184	412194	35.884	ng	99
78) Pyrene	12.84	202	1292685	47.054	ng	98
80) Butylbenzylphthalate	13.46	149	429162	36.645	ng	94
81) Benzo(a)anthracene	14.03	228	968076	45.317	ng	99
82) 3,3'-Dichlorobenzidine	13.99	252	258492	34.038	ng	98
83) Chrysene	14.07	228	1002472	46.747	ng	99
84) Bis(2-ethylhexyl)phthalate	14.02	149	599007	41.292	ng	98
85) Di-n-octyl phthalate	14.63	149	1051076	45.538	ng	98
86) Indeno(1,2,3-cd)pyrene	16.99	276	954324	52.381	ng	99
88) Benzo(b)fluoranthene	15.09	252	1096545	40.346	ng	100
89) Benzo(k)fluoranthene	15.12	252	937199	38.677	ng	99
90) Benzo(a)pyrene	15.46	252	983614	42.107	ng	100
91) Dibenzo(a,h)anthracene	17.01	278	714881	34.859	ng	99
92) Benzo(g,h,i)perylene	17.44	276	760523	37.184	ng	98

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

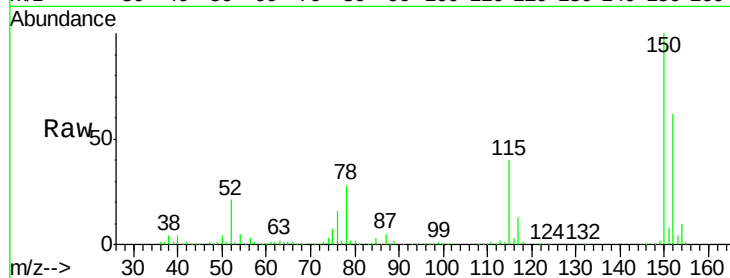


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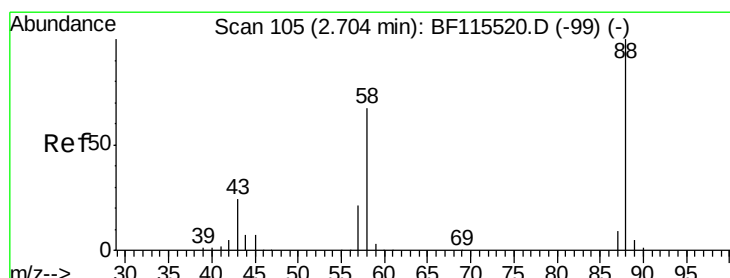
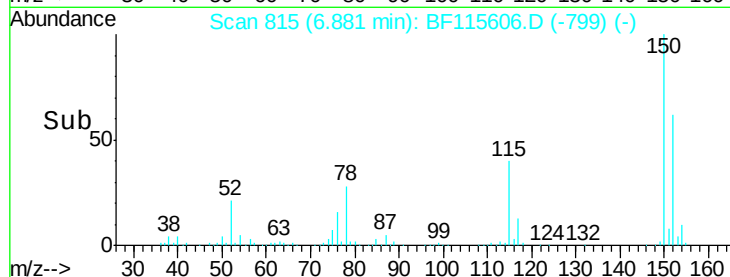
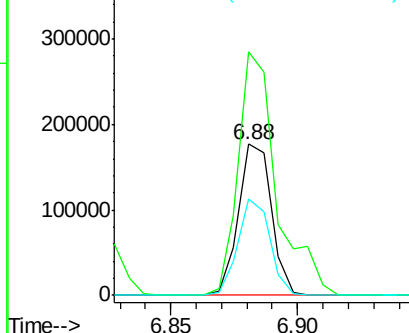
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.88 min Scan# 815
Delta R.T. -0.01 min
Lab File: BF115606.D
Acq: 16 Jul 2019 19:18

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 160423
Ion Ratio Lower Upper
152 100
150 161.4 129.7 194.5
115 64.1 48.2 72.4



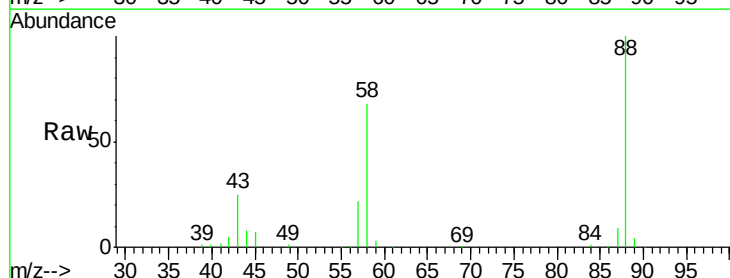
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



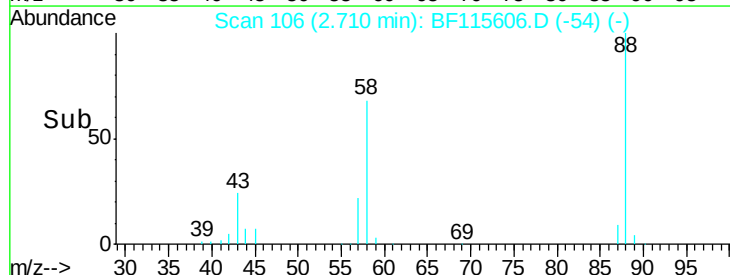
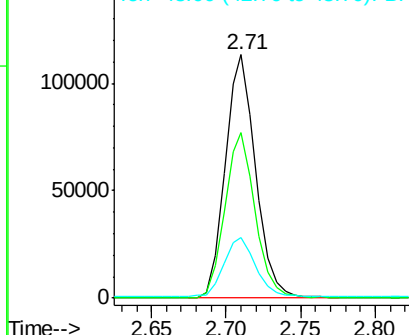
#2

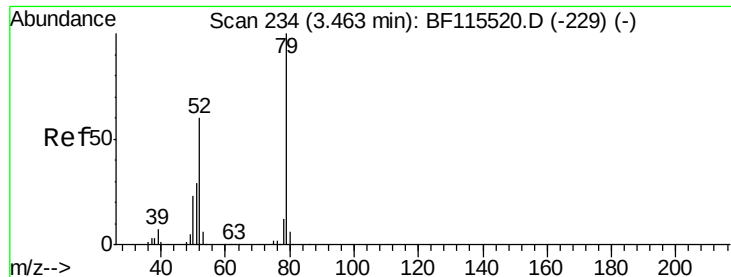
1,4-Dioxane
Concen: 32.998 ng
RT: 2.71 min Scan# 106
Delta R.T. 0.01 min
Lab File: BF115606.D
Acq: 16 Jul 2019 19:18

Tgt Ion: 88 Resp: 161431
Ion Ratio Lower Upper
88 100
58 68.3 52.6 79.0
43 25.1 19.1 28.7



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





#3

Pvridine

Concen: 31.643 ng

RT: 3.47 min Scan# 236

Delta R.T. 0.01 min

Lab File: BF115606.D

Acq: 16 Jul 2019 19:18

Instrument :

BNA_F

ClientSampleId :

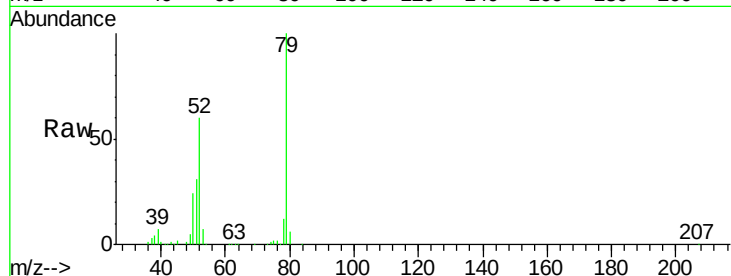
Tot Ion: 79 Resp: 419993

Ion Ratio Lower Upper

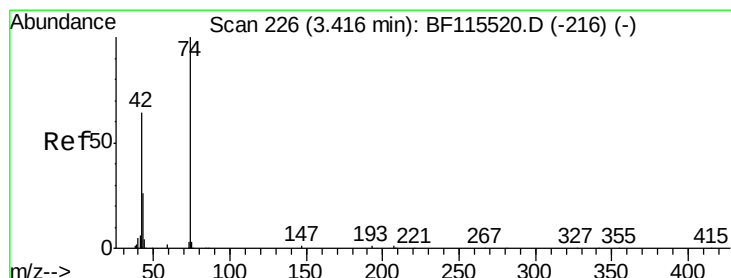
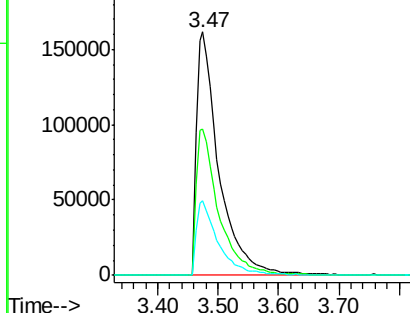
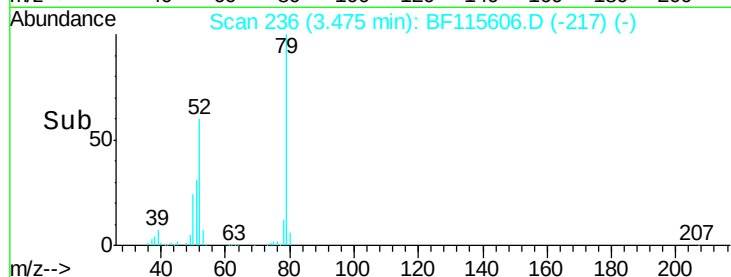
79 100

52 60.4 47.8 71.6

51 30.6 23.8 35.8



Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 52.00 (51.70 to 52.70): BF1
Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 36.370 ng

RT: 3.40 min Scan# 224

Delta R.T. -0.01 min

Lab File: BF115606.D

Acq: 16 Jul 2019 19:18

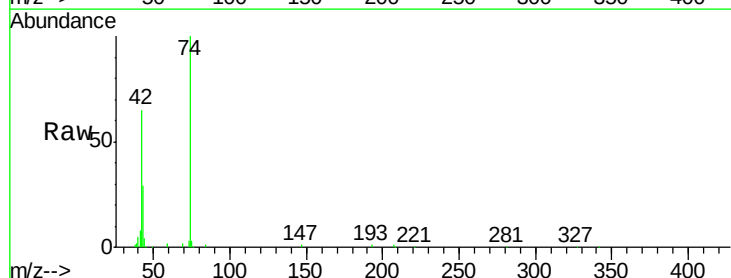
Tgt Ion: 42 Resp: 175126

Ion Ratio Lower Upper

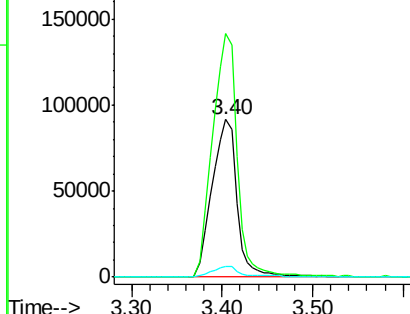
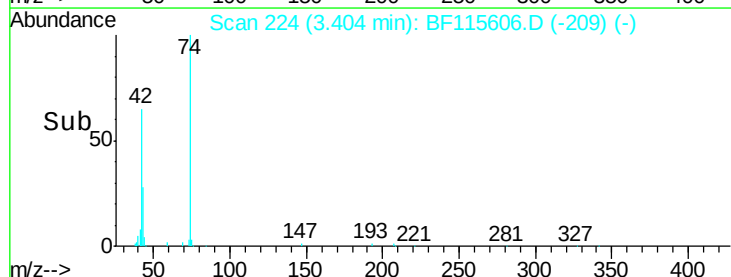
42 100

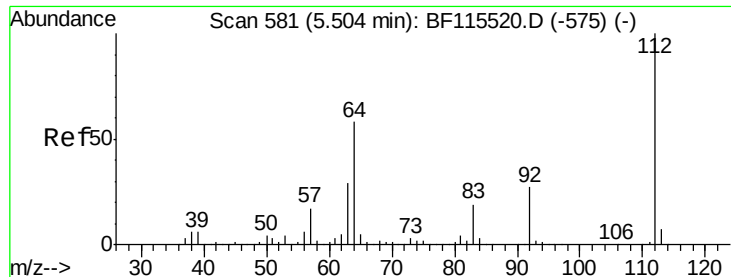
74 154.9 127.5 191.3

44 6.9 5.0 7.6



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





#5

2-Fluorophenol

Concen: 110.331 ng

RT: 5.51 min Scan# 582

Delta R.T. 0.01 min

Lab File: BF115606.D

Acq: 16 Jul 2019 19:18

Instrument :

BNA_F

ClientSampleId :

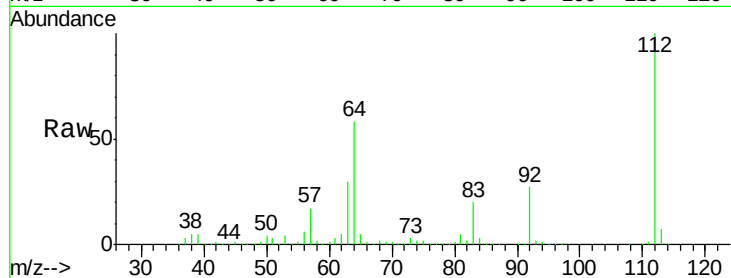
Tot Ion:112 Resp: 1082080

Ion Ratio Lower Upper

112 100

64 58.0 46.8 70.2

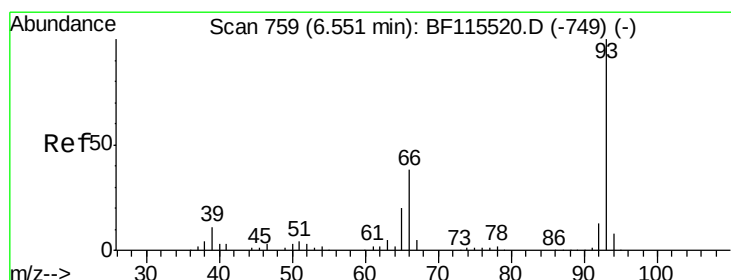
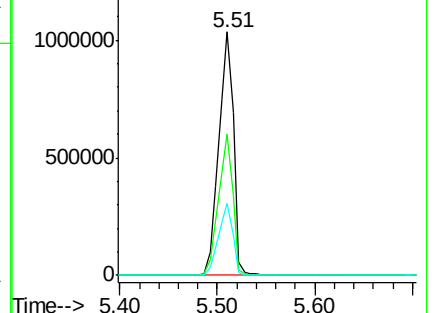
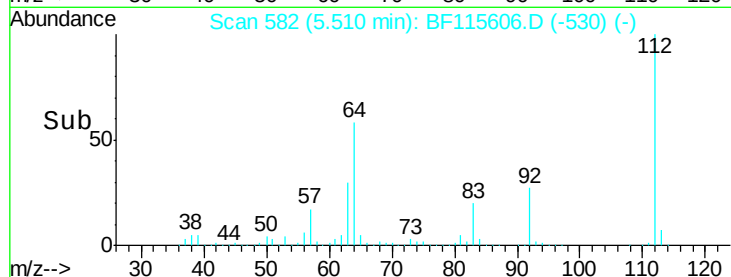
63 29.6 24.1 36.1



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 20.125 ng

RT: 6.55 min Scan# 758

Delta R.T. -0.01 min

Lab File: BF115606.D

Acq: 16 Jul 2019 19:18

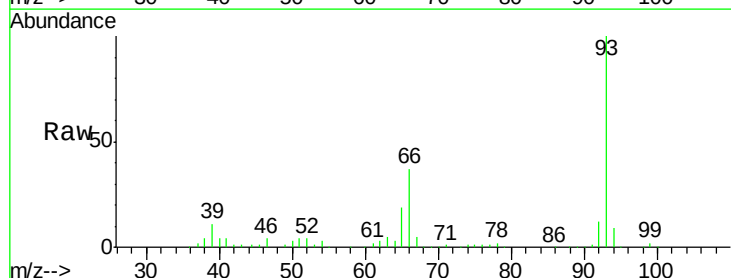
Tgt Ion: 93 Resp: 348530

Ion Ratio Lower Upper

93 100

66 37.4 31.7 47.5

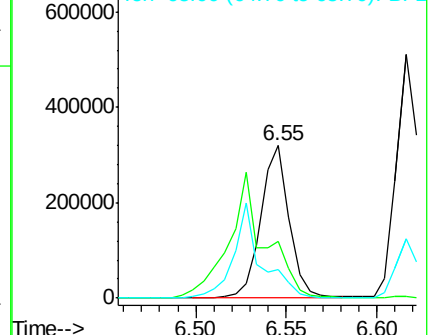
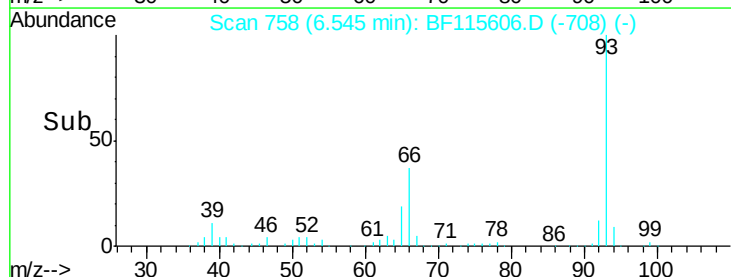
65 19.2 16.2 24.2

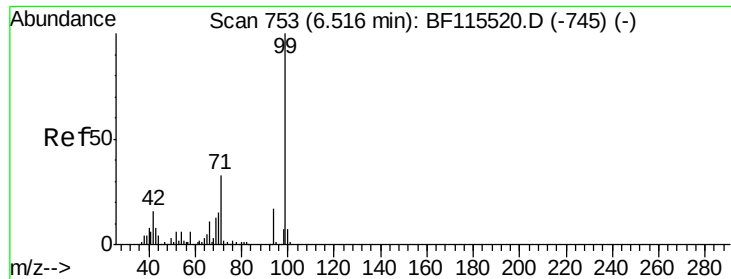


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 120.179 ng

RT: 6.52 min Scan# 753

Delta R.T. -0.00 min

Lab File: BF115606.D

Acq: 16 Jul 2019 19:18

Instrument :

BNA_F

ClientSampleId :

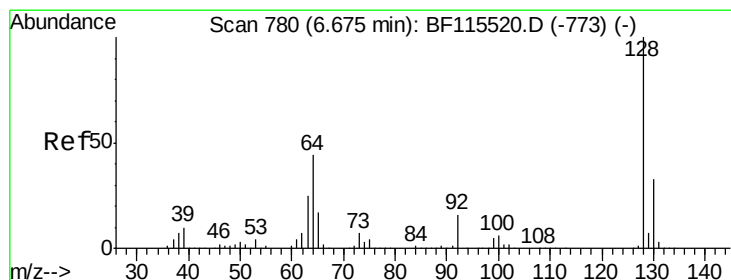
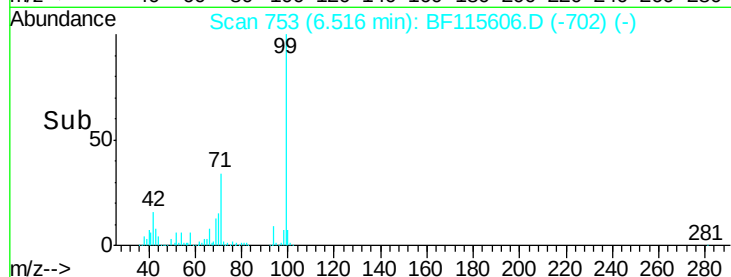
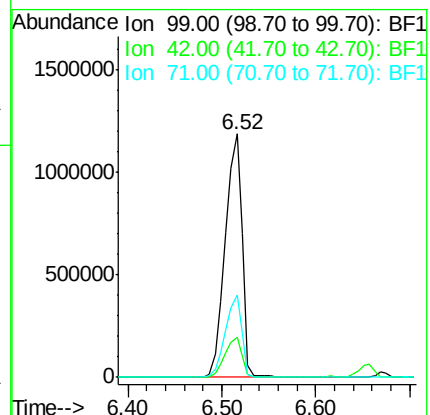
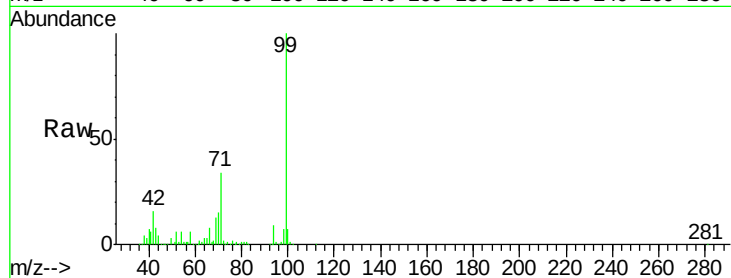
Tot Ion: 99 Resp: 1495583

Ion Ratio Lower Upper

99 100

42 16.2 13.6 20.4

71 33.6 28.5 42.7



#8

2-Chlorophenol

Concen: 37.947 ng

RT: 6.67 min Scan# 779

Delta R.T. -0.01 min

Lab File: BF115606.D

Acq: 16 Jul 2019 19:18

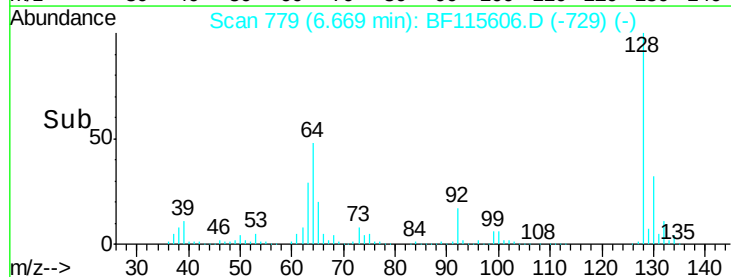
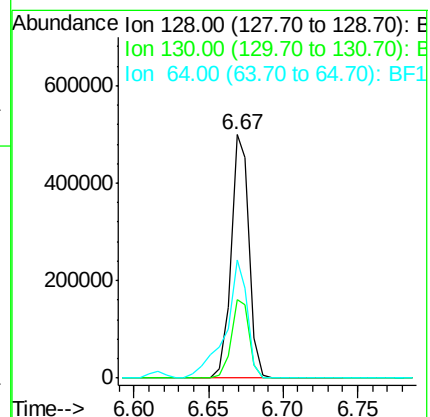
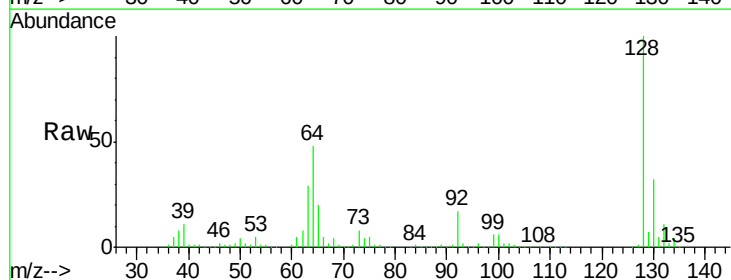
Tgt Ion: 128 Resp: 427886

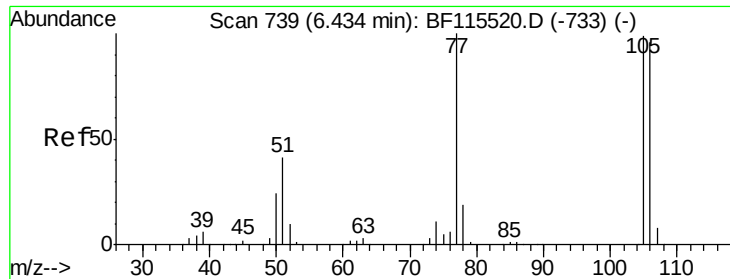
Ion Ratio Lower Upper

128 100

130 32.3 12.8 52.8

64 48.5 26.8 66.8

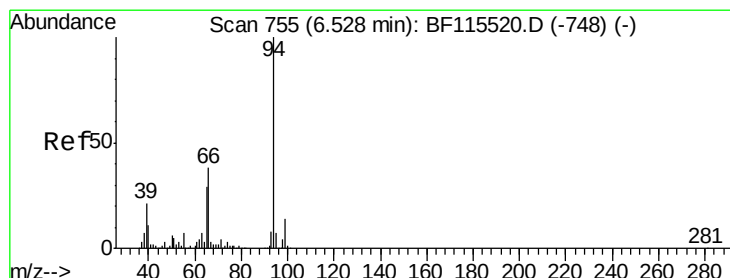
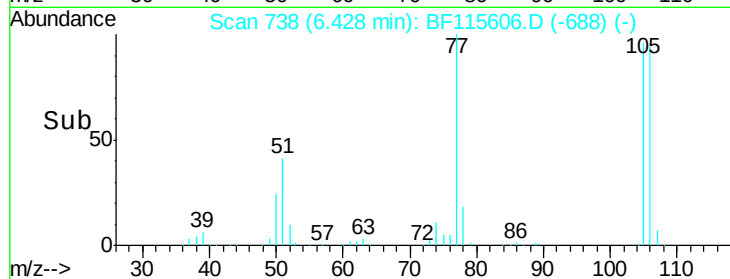
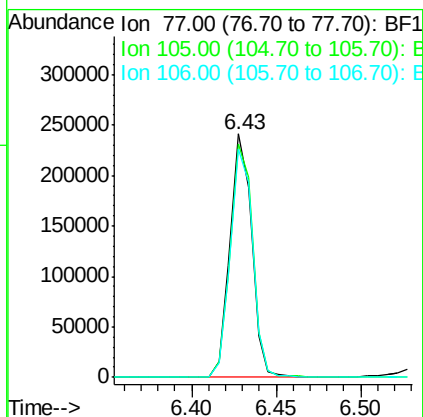
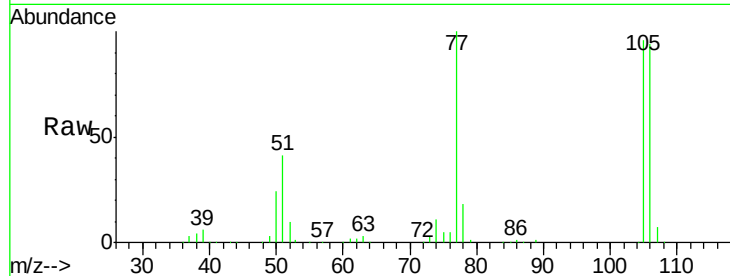




#9
Benzaldehyde
Concen: 27.791 ng
RT: 6.43 min Scan# 738
Delta R.T. -0.01 min
Lab File: BF115606.D
Acq: 16 Jul 2019 19:18

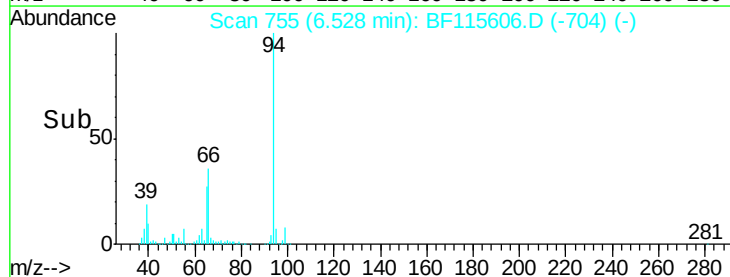
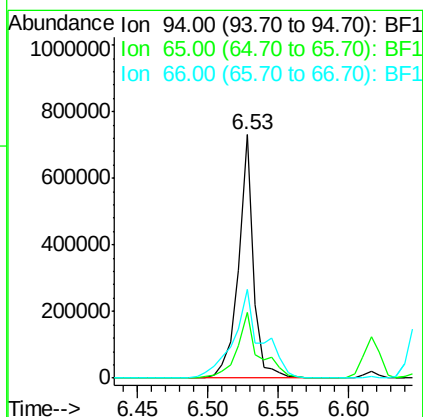
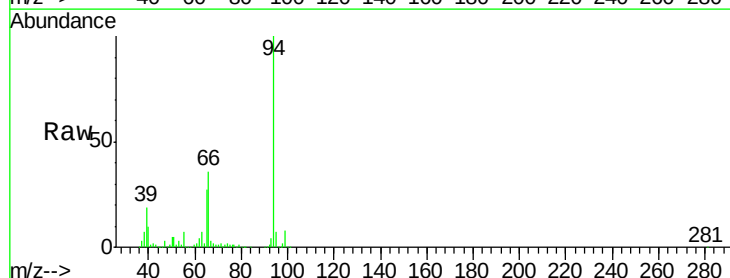
Instrument :
BNA_F
ClientSampleId :

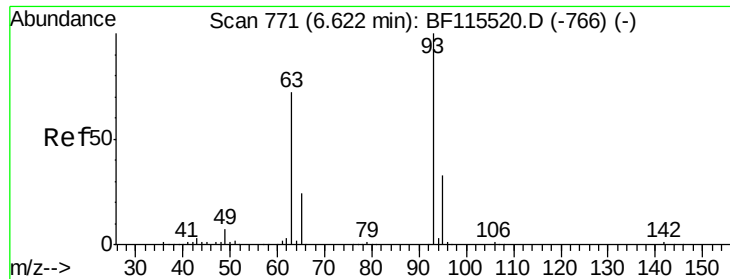
Tot Ion: 77 Resp: 216127
Ion Ratio Lower Upper
77 100
105 95.7 78.8 118.8
106 93.8 75.6 115.6



#10
Phenol
Concen: 37.149 ng
RT: 6.53 min Scan# 755
Delta R.T. -0.00 min
Lab File: BF115606.D
Acq: 16 Jul 2019 19:18

Tgt Ion: 94 Resp: 536678
Ion Ratio Lower Upper
94 100
65 27.2 14.5 54.5
66 36.2 31.3 71.3

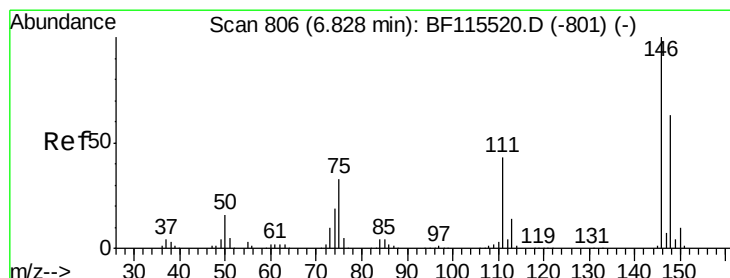
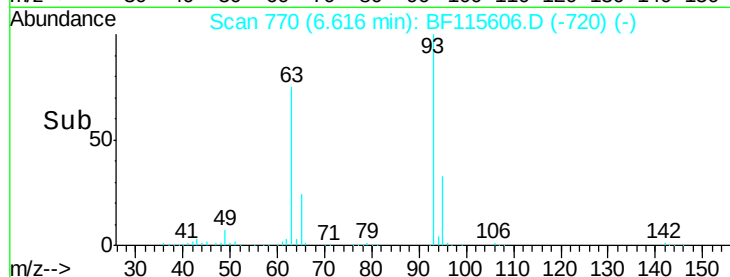
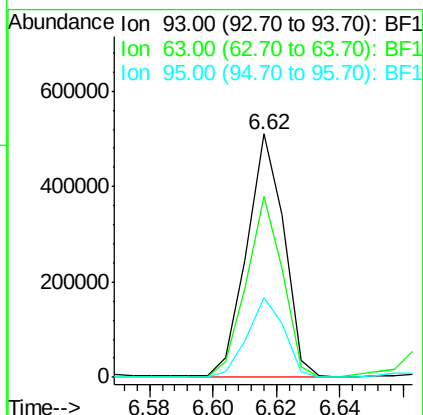
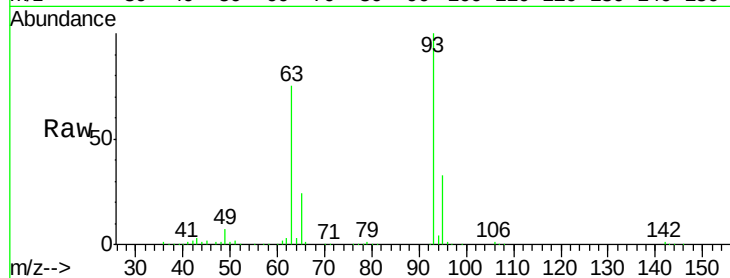




#11
bis(2-Chloroethyl)ether
Concen: 37.551 ng
RT: 6.62 min Scan# 770
Delta R.T. -0.01 min
Lab File: BF115606.D
Acq: 16 Jul 2019 19:18

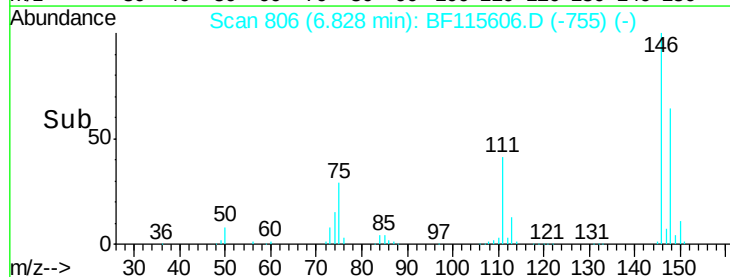
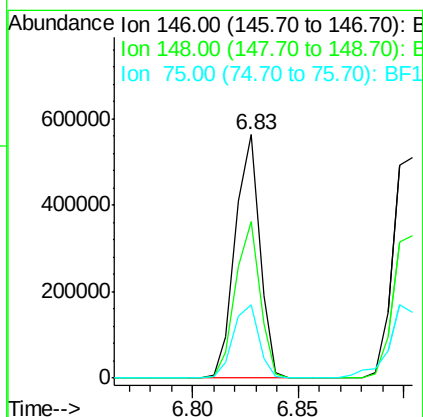
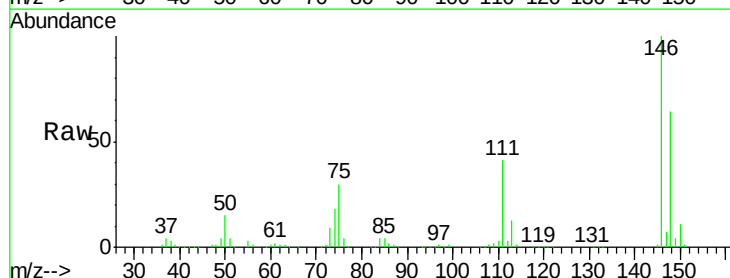
Instrument :
BNA_F
ClientSampleId :

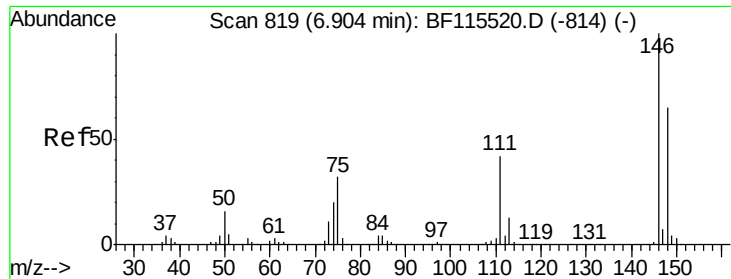
Tot Ion: 93 Resp: 413019
Ion Ratio Lower Upper
93 100
63 74.5 52.2 92.2
95 32.7 12.9 52.9



#12
1,3-Dichlorobenzene
Concen: 35.671 ng
RT: 6.83 min Scan# 806
Delta R.T. -0.00 min
Lab File: BF115606.D
Acq: 16 Jul 2019 19:18

Tgt Ion: 146 Resp: 452228
Ion Ratio Lower Upper
146 100
148 64.4 52.1 78.1
75 30.1 24.9 37.3

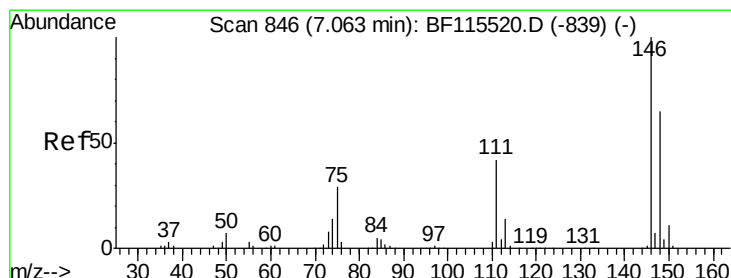
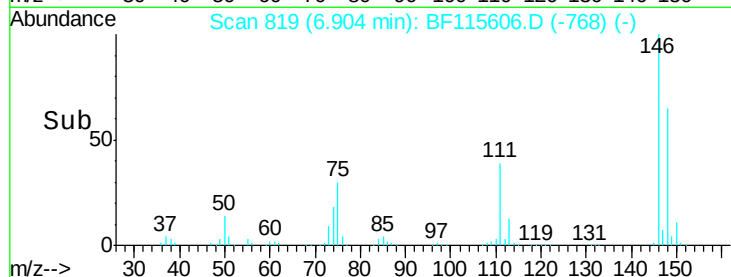
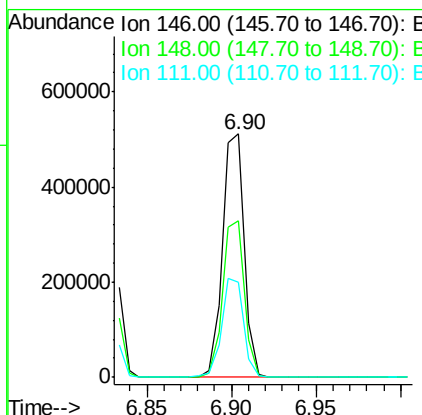
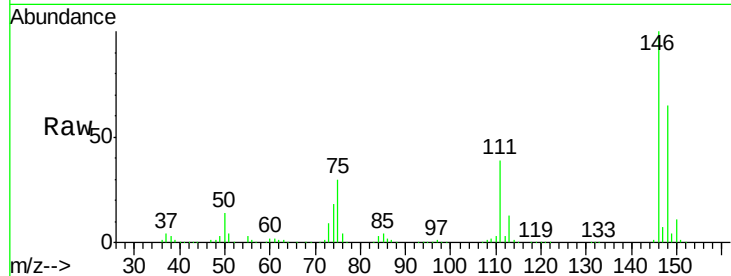




#13
 1,4-Dichlorobenzene
 Concen: 36.177 ng
 RT: 6.90 min Scan# 819
 Delta R.T. -0.00 min
 Lab File: BF115606.D
 Acq: 16 Jul 2019 19:18

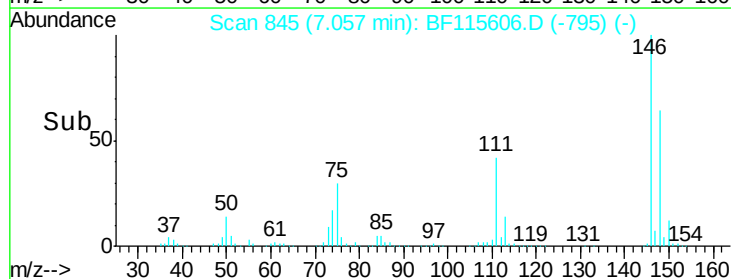
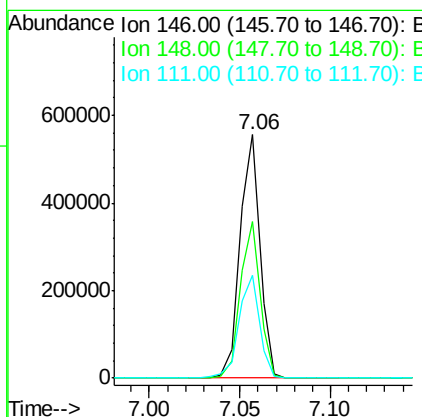
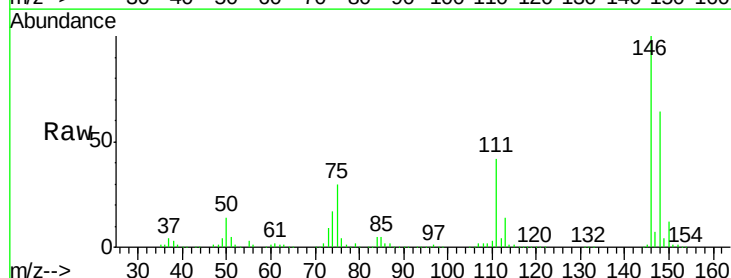
Instrument :
 BNA_F
 ClientSampleId :

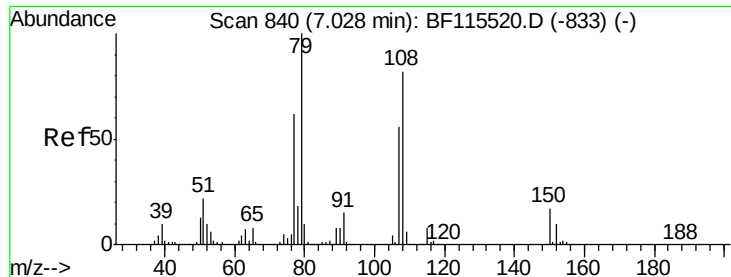
Tot Ion:146 Resp: 457613
 Ion Ratio Lower Upper
 146 100
 148 64.6 51.8 77.6
 111 39.0 35.5 53.3



#14
 1,2-Dichlorobenzene
 Concen: 36.745 ng
 RT: 7.06 min Scan# 845
 Delta R.T. -0.01 min
 Lab File: BF115606.D
 Acq: 16 Jul 2019 19:18

Tgt Ion:146 Resp: 424884
 Ion Ratio Lower Upper
 146 100
 148 64.5 51.1 76.7
 111 42.3 37.6 56.4





#15

Benzyl Alcohol

Concen: 37.922 ng

RT: 7.02 min Scan# 839

Delta R.T. -0.01 min

Lab File: BF115606.D

Acq: 16 Jul 2019 19:18

Instrument :

BNA_F

ClientSampled :

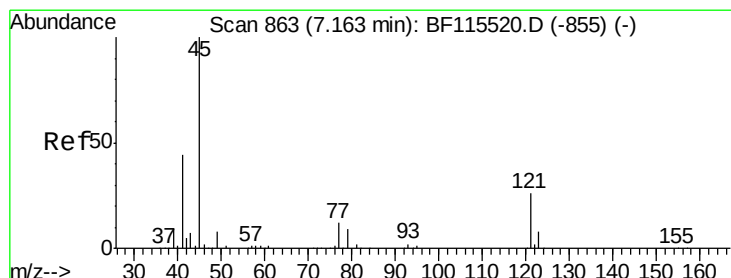
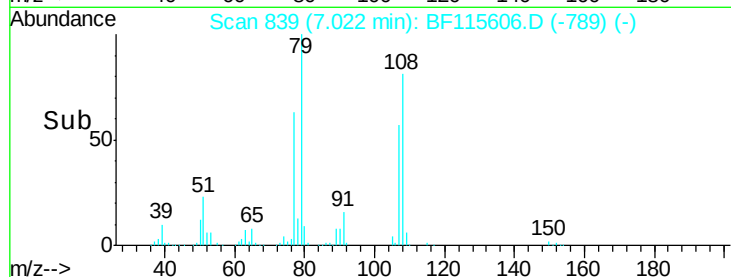
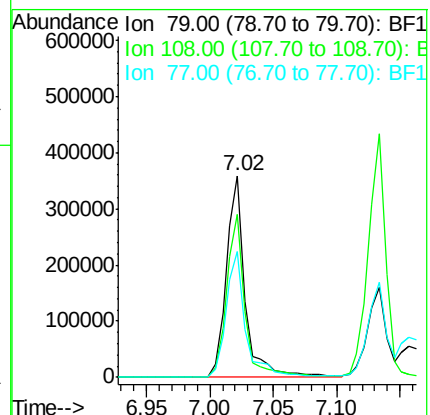
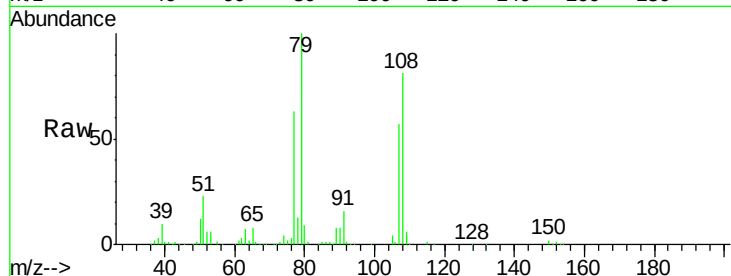
Tot Ion: 79 Resp: 374369

Ion Ratio Lower Upper

79 100

108 80.9 64.2 96.4

77 62.5 51.8 77.8



#16

2,2'-oxybis(1-chloropropane)

Concen: 37.822 ng

RT: 7.16 min Scan# 862

Delta R.T. -0.01 min

Lab File: BF115606.D

Acq: 16 Jul 2019 19:18

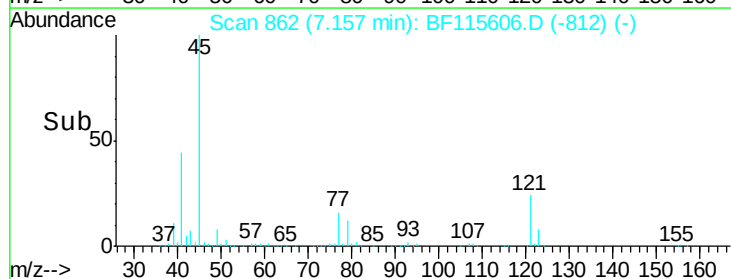
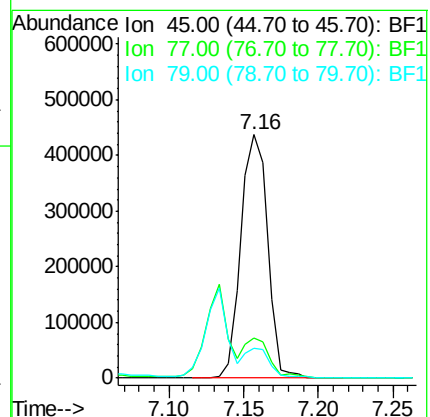
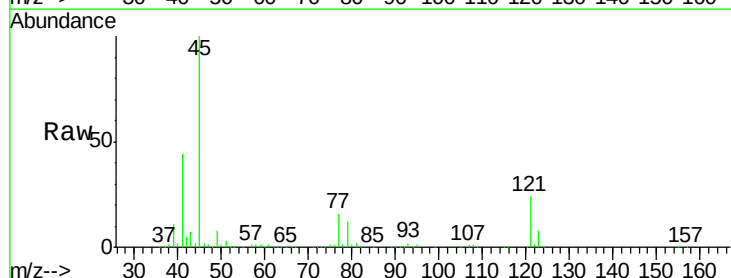
Tgt Ion: 45 Resp: 547687

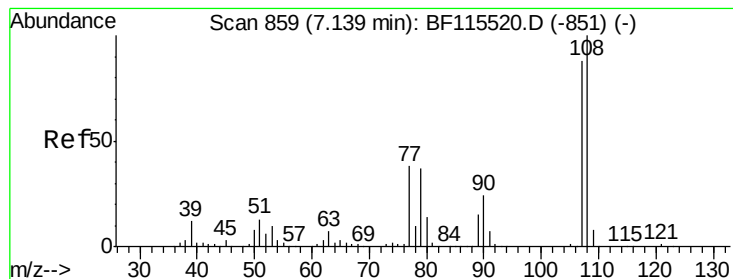
Ion Ratio Lower Upper

45 100

77 16.5 0.0 38.1

79 12.4 0.0 34.1

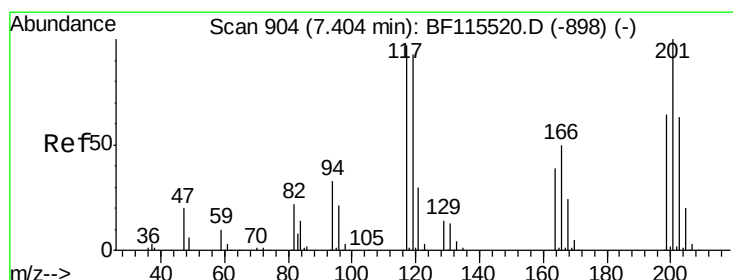
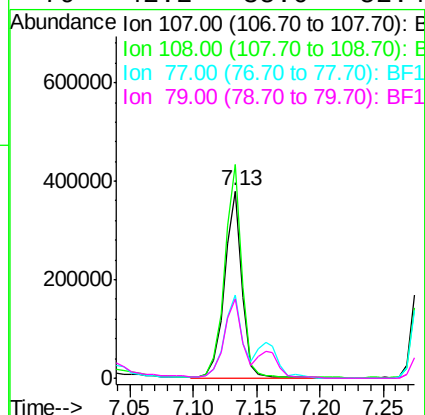
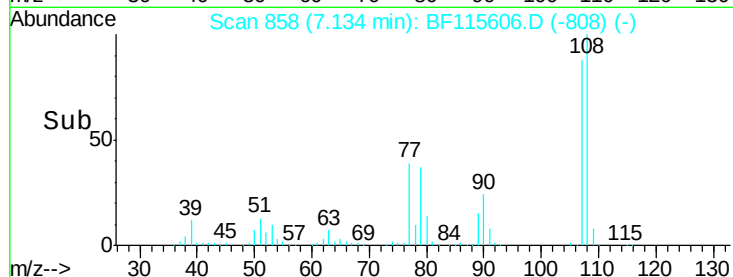
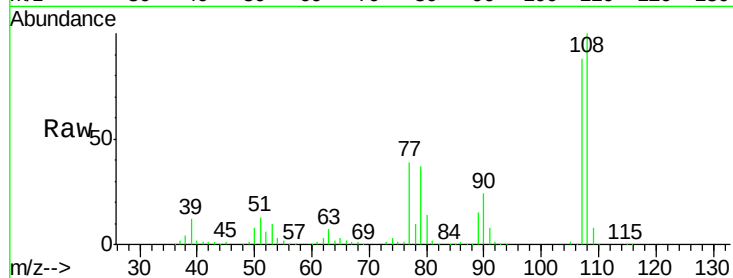




#17
2-Methylphenol
Concen: 37.326 ng
RT: 7.13 min Scan# 858
Delta R.T. -0.01 min
Lab File: BF115606.D
Acq: 16 Jul 2019 19:18

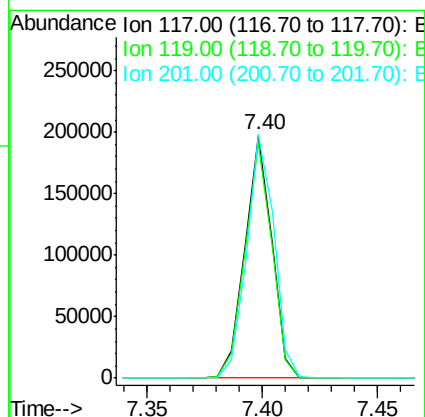
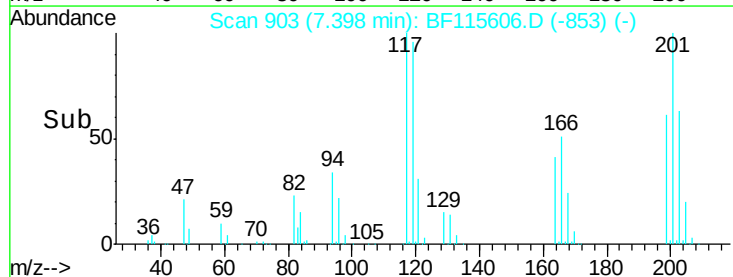
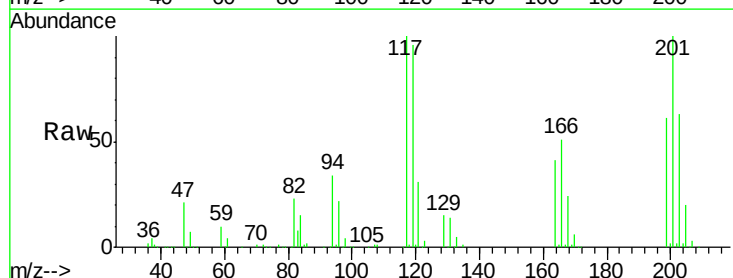
Instrument :
BNA_F
ClientSampleId :

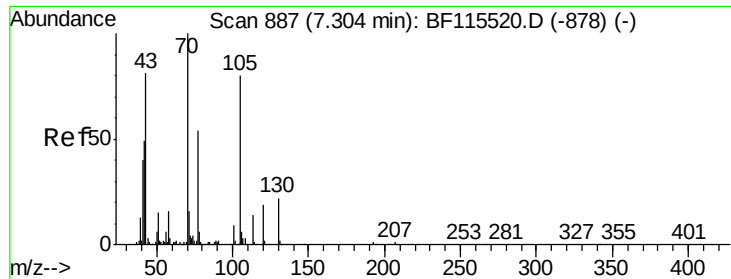
Tot Ion:107 Resp: 362712
Ion Ratio Lower Upper
107 100
108 113.9 89.4 134.2
77 44.4 35.7 53.5
79 42.2 35.0 52.4



#18
Hexachloroethane
Concen: 34.304 ng
RT: 7.40 min Scan# 903
Delta R.T. -0.01 min
Lab File: BF115606.D
Acq: 16 Jul 2019 19:18

Tgt Ion:117 Resp: 161057
Ion Ratio Lower Upper
117 100
119 96.5 77.7 116.5
201 100.3 86.0 129.0

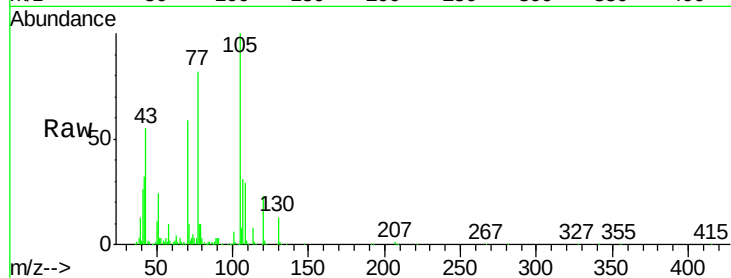




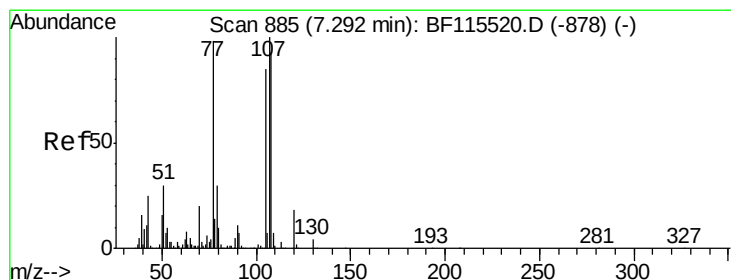
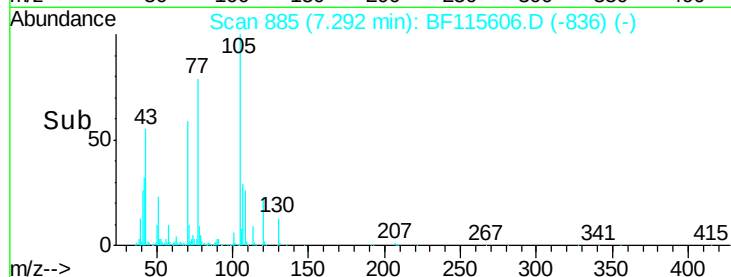
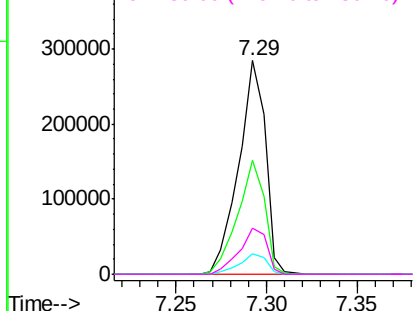
#19
n-Nitroso-di-n-propylamine
Concen: 36.005 ng
RT: 7.29 min Scan# 885
Delta R.T. -0.01 min
Lab File: BF115606.D
Acq: 16 Jul 2019 19:18

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	70	Resp:	292226
Ion	Ratio	Lower	Upper
70	100		
42	53.3	39.6	59.4
101	9.9	8.1	12.1
130	21.5	18.2	27.2

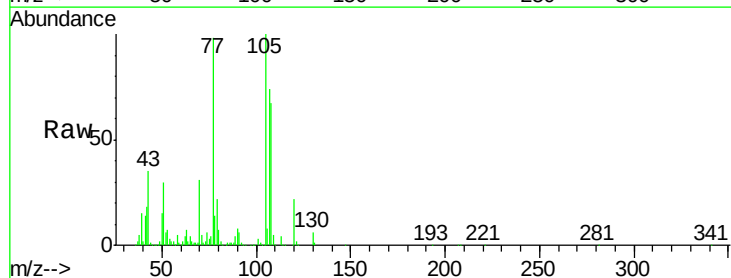


Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

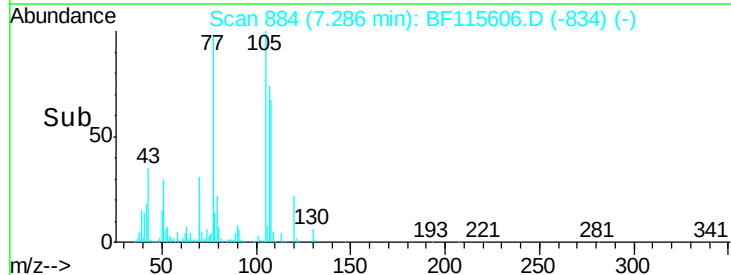
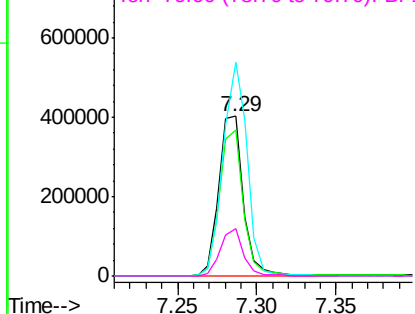


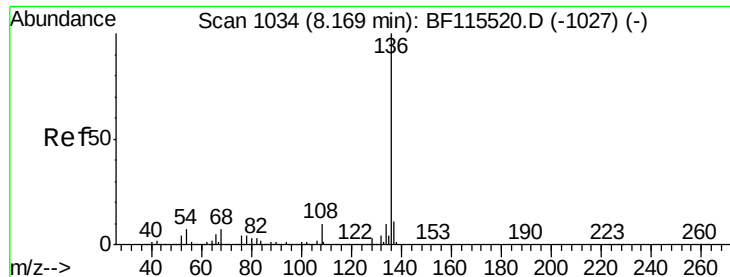
#20
3+4-Methylphenols
Concen: 37.105 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.01 min
Lab File: BF115606.D
Acq: 16 Jul 2019 19:18

Tgt Ion:	107	Resp:	428285
Ion	Ratio	Lower	Upper
107	100		
108	91.6	72.9	112.9
77	133.7	77.6	117.6#
79	29.7	10.5	50.5



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

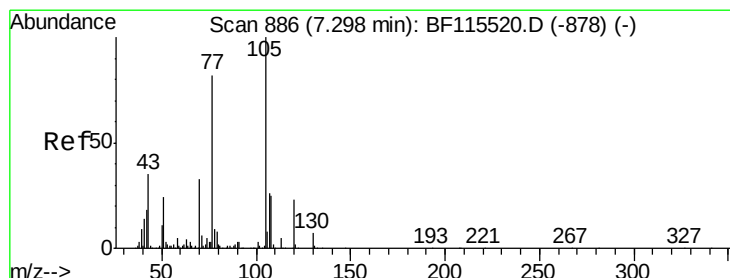
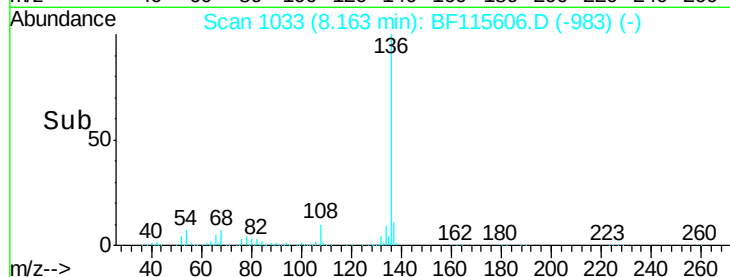
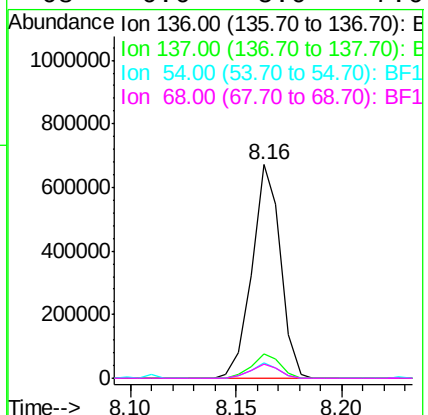
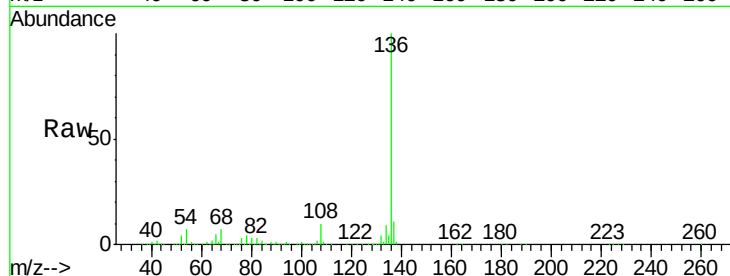




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.16 min Scan# 1033
Delta R.T. -0.01 min
Lab File: BF115606.D
Acq: 16 Jul 2019 19:18

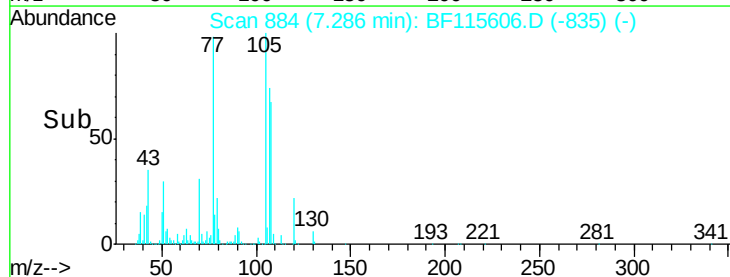
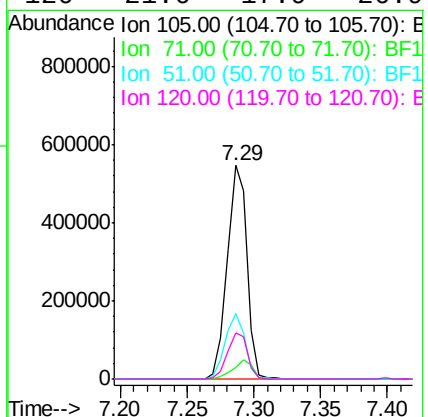
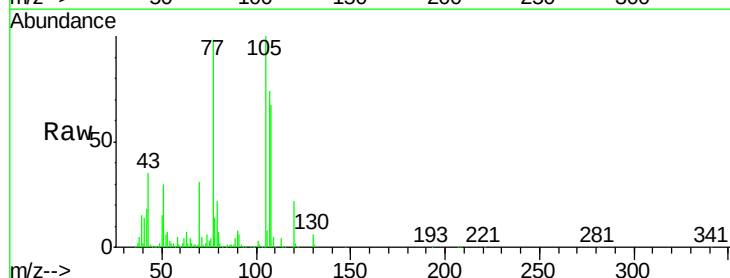
Instrument :
BNA_F
ClientSampleId :

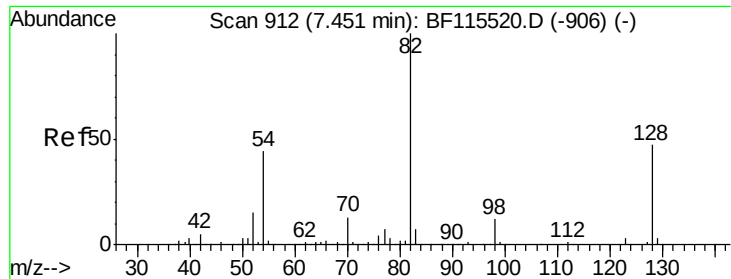
Tot Ion:136	Resp: 630587
Ion Ratio	Lower Upper
136 100	
137 11.1	9.0 13.4
54 7.2	5.6 8.4
68 6.6	5.0 7.6



#22
Acetophenone
Concen: 40.357 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.01 min
Lab File: BF115606.D
Acq: 16 Jul 2019 19:18

Tgt	Ion:105	Resp:	574915
Ion	Ratio	Lower	Upper
105	100		
71	5.4	3.5	5.3#
51	30.5	25.6	38.4
120	21.6	17.9	26.9

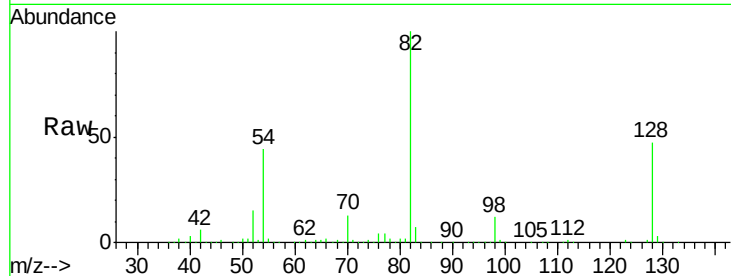




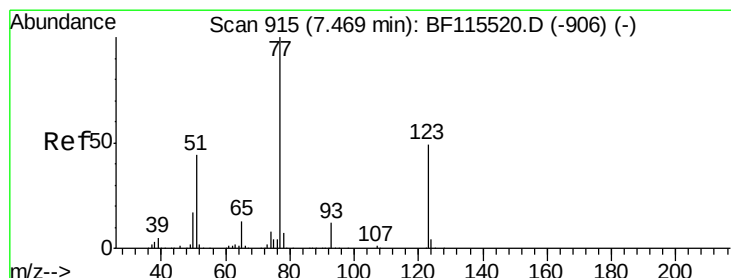
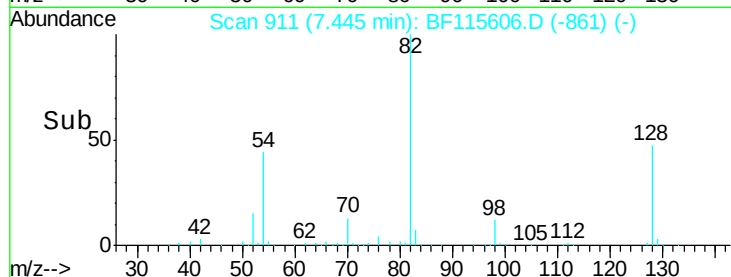
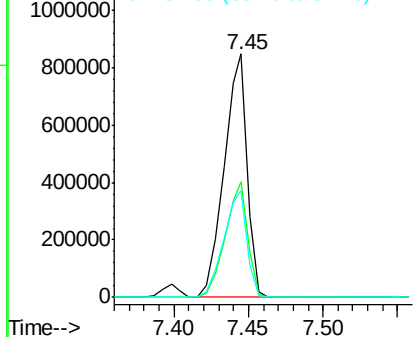
#23
 Nitrobenzene-d5
 Concen: 84.793 ng
 RT: 7.45 min Scan# 911
 Delta R.T. -0.01 min
 Lab File: BF115606.D
 Acq: 16 Jul 2019 19:18

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 82 Resp: 919564
 Ion Ratio Lower Upper
 82 100
 128 47.3 38.6 57.8
 54 43.7 35.6 53.4

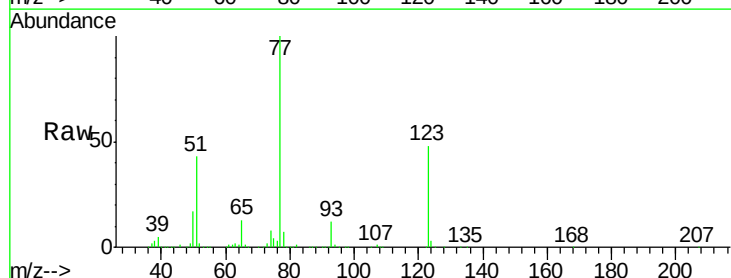


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

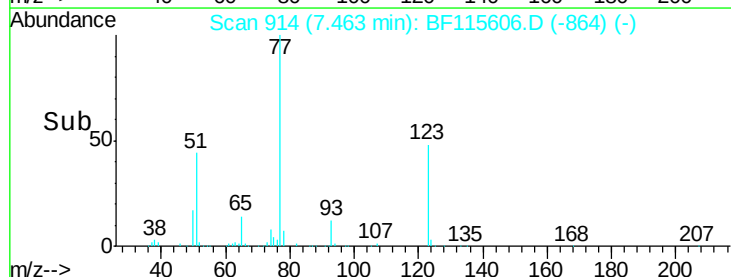
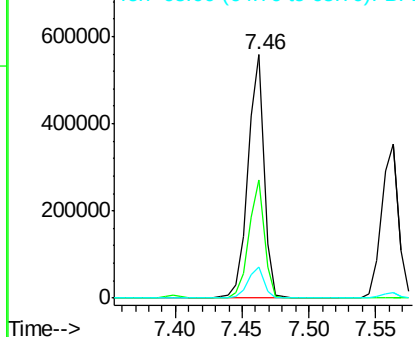


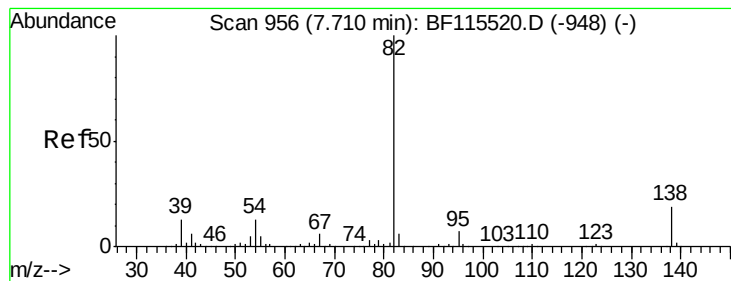
#24
 Nitrobenzene
 Concen: 38.950 ng
 RT: 7.46 min Scan# 914
 Delta R.T. -0.01 min
 Lab File: BF115606.D
 Acq: 16 Jul 2019 19:18

Tgt Ion: 77 Resp: 455603
 Ion Ratio Lower Upper
 77 100
 123 48.3 40.0 60.0
 65 13.0 11.0 16.4



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





#25

Isophorone

Concen: 38.586 ng

RT: 7.70 min Scan# 955

Delta R.T. -0.01 min

Lab File: BF115606.D

Acq: 16 Jul 2019 19:18

Instrument :

BNA_F

ClientSampleId :

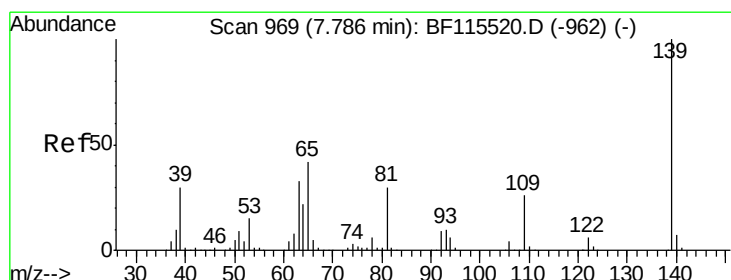
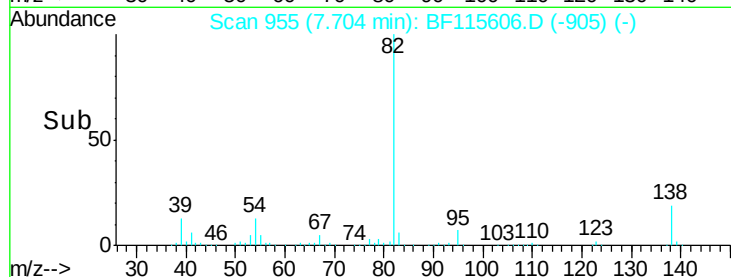
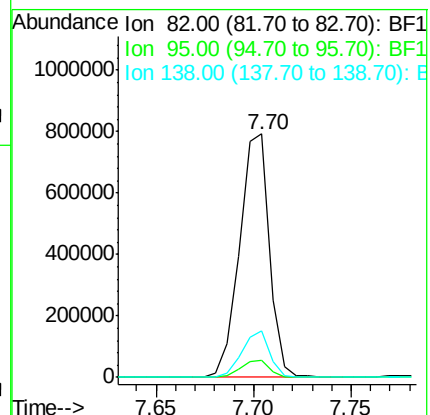
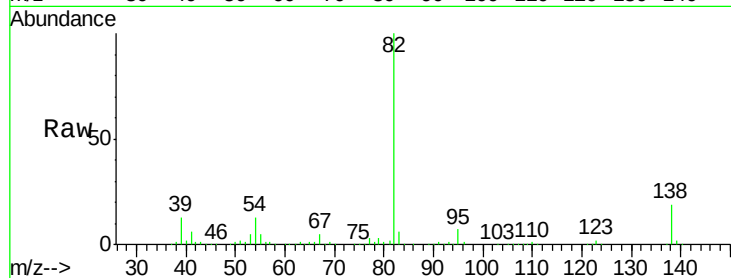
Tot Ion: 82 Resp: 837326

Ion Ratio Lower Upper

82 100

95 6.8 5.5 8.3

138 19.2 14.9 22.3



#26

2-Nitrophenol

Concen: 38.165 ng

RT: 7.78 min Scan# 968

Delta R.T. -0.01 min

Lab File: BF115606.D

Acq: 16 Jul 2019 19:18

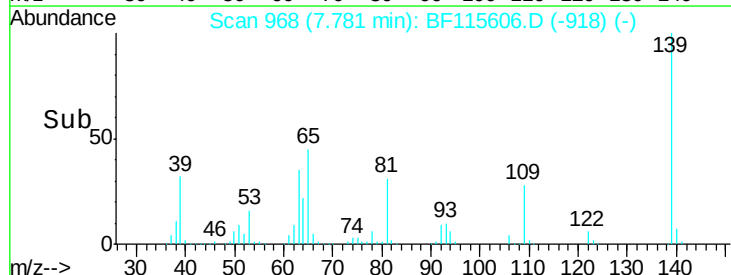
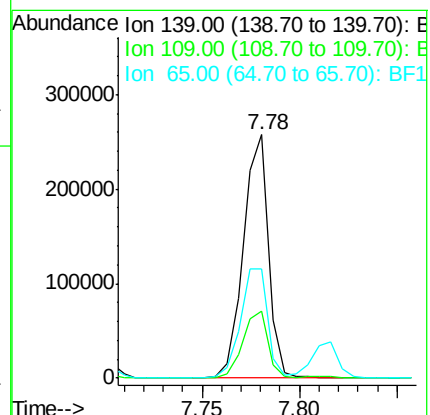
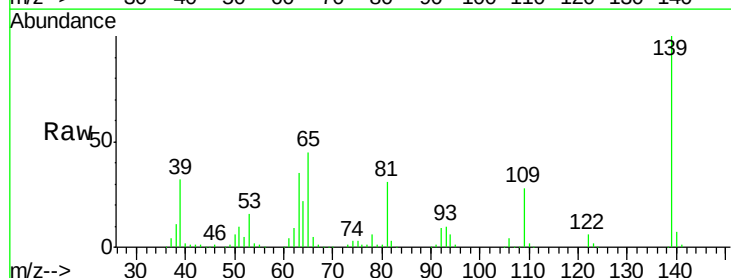
Tgt Ion: 139 Resp: 229779

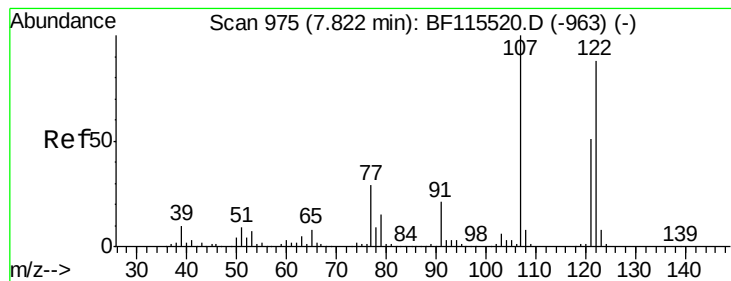
Ion Ratio Lower Upper

139 100

109 27.6 23.3 34.9

65 44.8 37.9 56.9





#27

2,4-Dimethylphenol

Concen: 41.367 ng

RT: 7.82 min Scan# 974

Delta R.T. -0.01 min

Lab File: BF115606.D

Acq: 16 Jul 2019 19:18

Instrument :

BNA_F

ClientSampled :

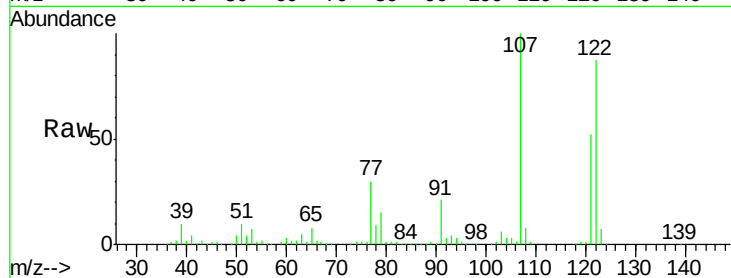
Tot Ion:122 Resp: 372651

Ion Ratio Lower Upper

122 100

107 114.7 92.9 139.3

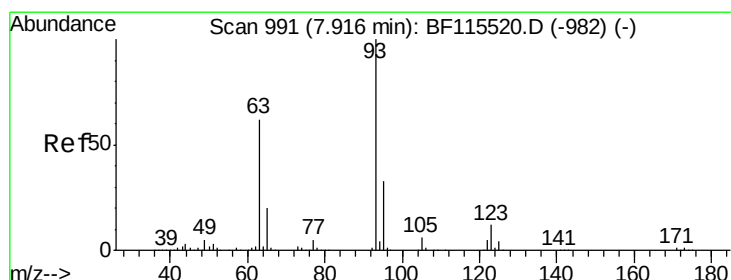
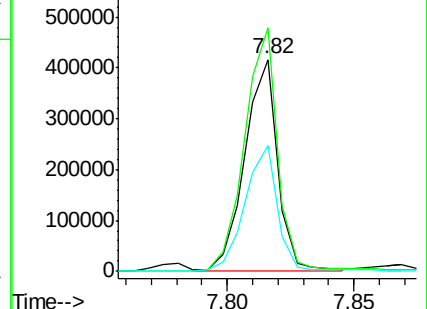
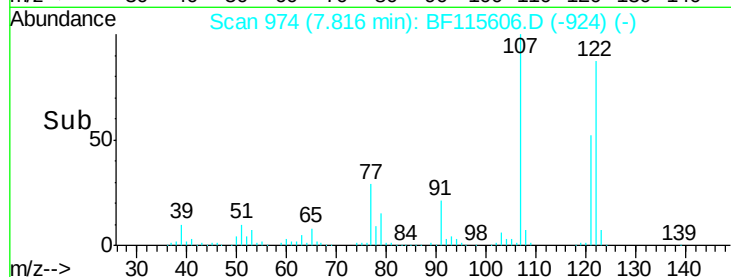
121 59.4 46.9 70.3



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: 38.596 ng

RT: 7.91 min Scan# 990

Delta R.T. -0.01 min

Lab File: BF115606.D

Acq: 16 Jul 2019 19:18

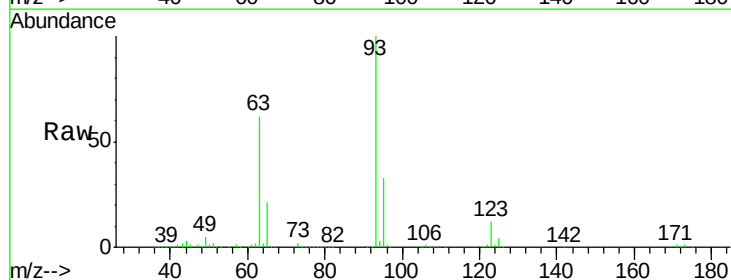
Tgt Ion: 93 Resp: 513823

Ion Ratio Lower Upper

93 100

95 32.9 27.0 40.4

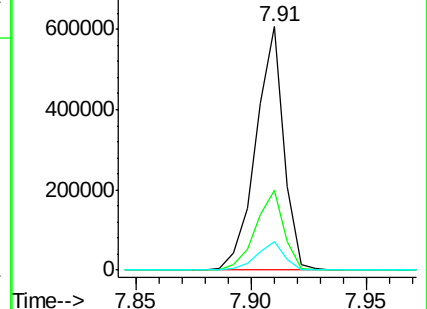
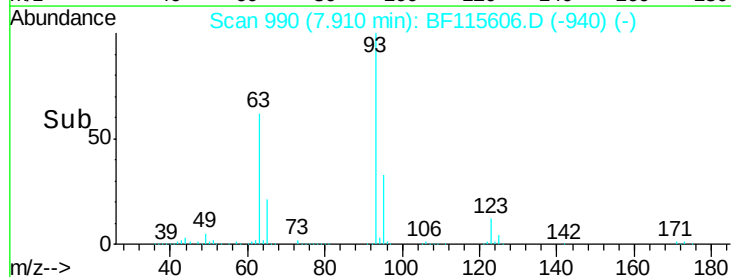
123 11.8 9.9 14.9

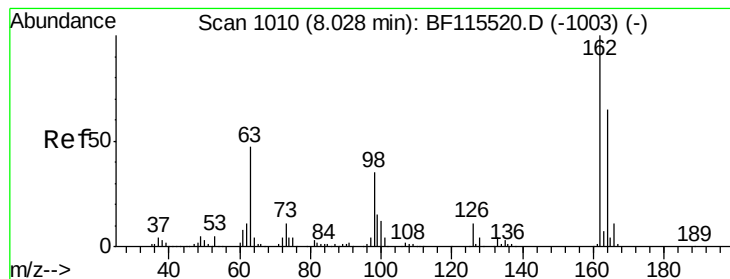


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 38.548 ng

RT: 8.02 min Scan# 1009

Delta R.T. -0.01 min

Lab File: BF115606.D

Acq: 16 Jul 2019 19:18

Instrument :

BNA_F

ClientSampled :

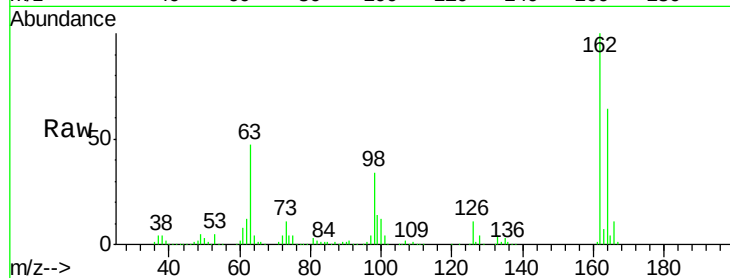
Tot Ion:162 Resp: 361148

Ion Ratio Lower Upper

162 100

164 64.2 44.9 84.9

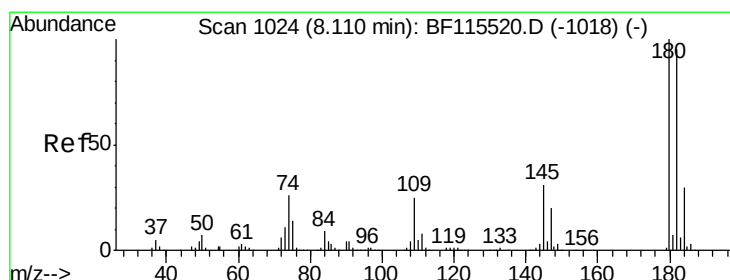
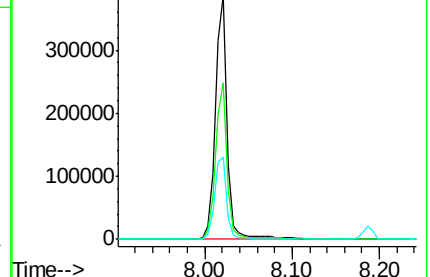
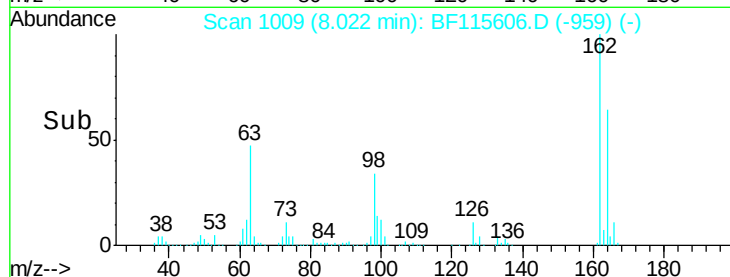
98 34.1 17.7 57.7



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: 37.559 ng

RT: 8.10 min Scan# 1023

Delta R.T. -0.01 min

Lab File: BF115606.D

Acq: 16 Jul 2019 19:18

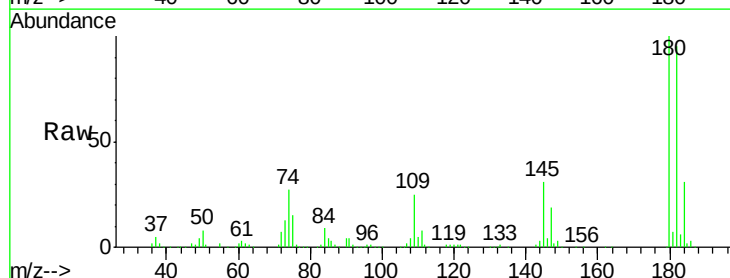
Tgt Ion:180 Resp: 397753

Ion Ratio Lower Upper

180 100

182 94.8 75.0 112.6

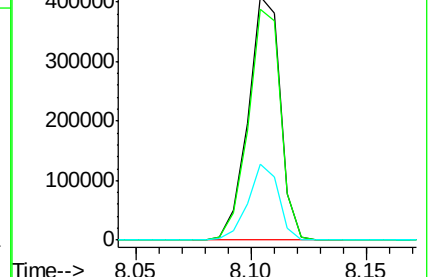
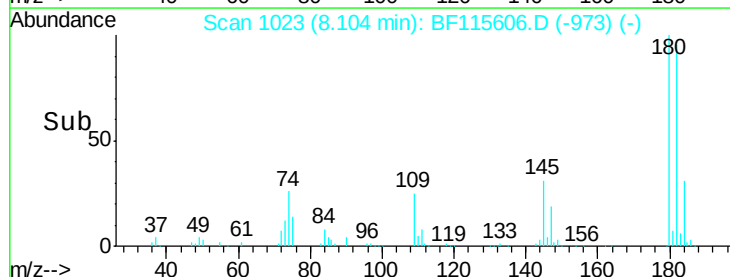
145 31.4 25.1 37.7

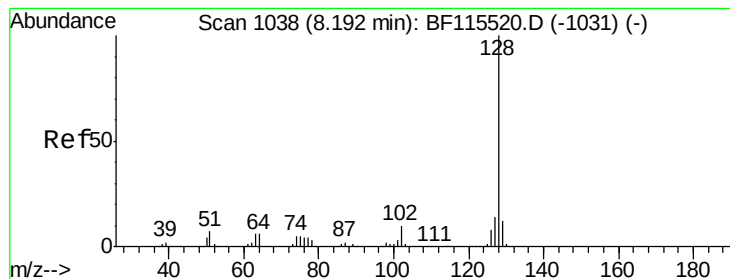


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 39.679 ng

RT: 8.19 min Scan# 1037

Delta R.T. -0.01 min

Lab File: BF115606.D

Acq: 16 Jul 2019 19:18

Instrument :

BNA_F

ClientSampleId :

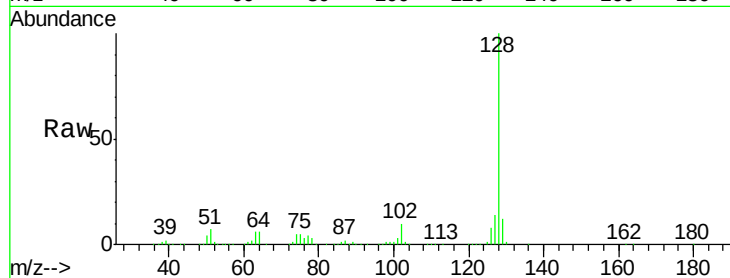
Tot Ion:128 Resp: 1211772

Ion Ratio Lower Upper

128 100

129 11.7 9.9 14.9

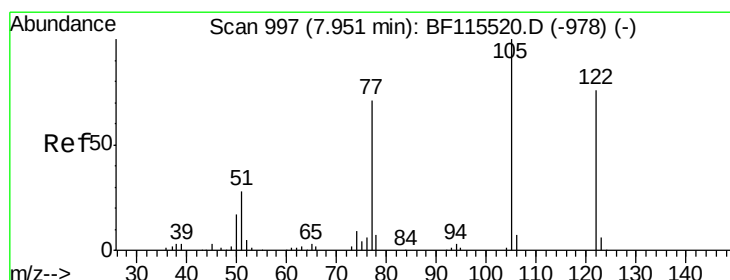
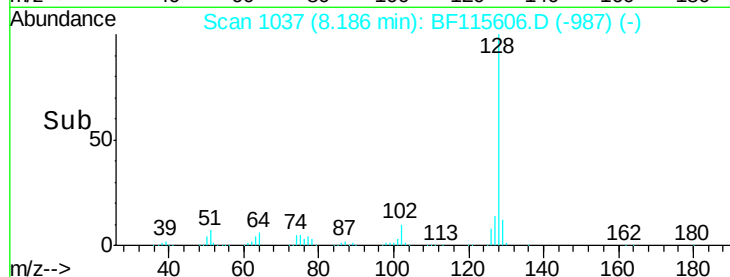
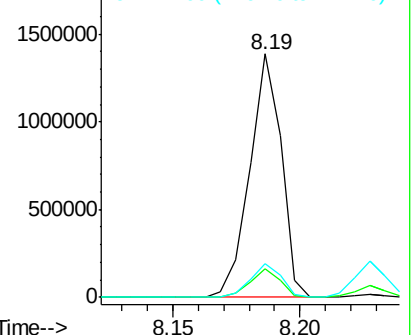
127 13.8 12.1 18.1



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: 2.048 ng

RT: 7.87 min Scan# 983

Delta R.T. -0.08 min

Lab File: BF115606.D

Acq: 16 Jul 2019 19:18

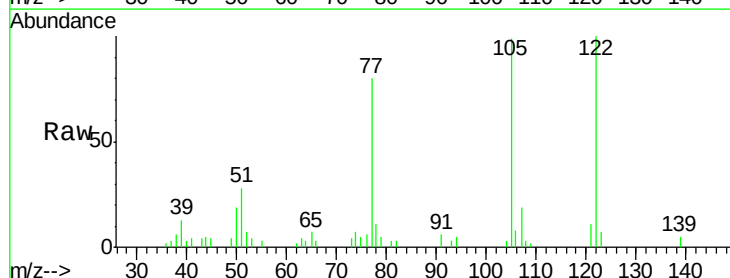
Tgt Ion:122 Resp: 15144

Ion Ratio Lower Upper

122 100

105 98.8 102.5 142.5#

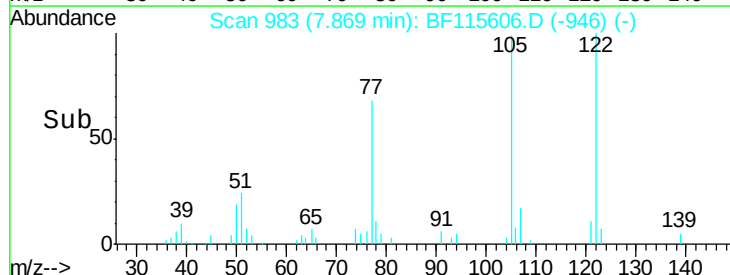
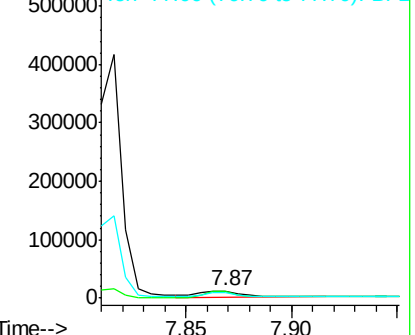
77 80.2 70.2 110.2

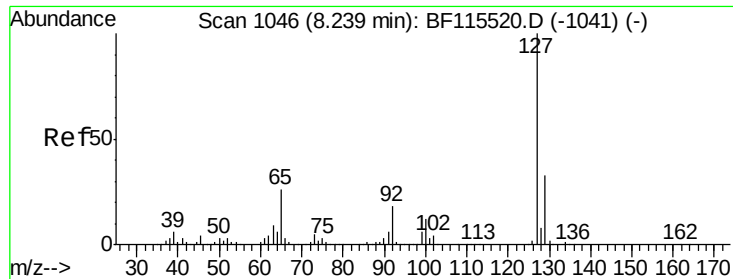


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

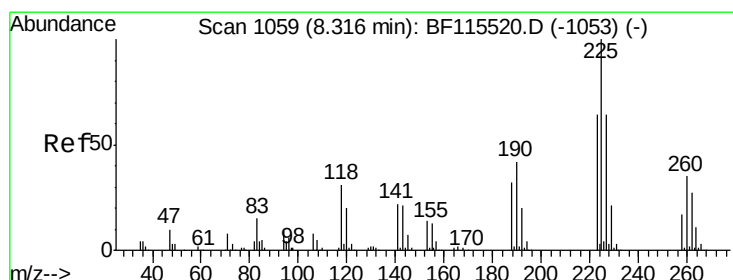
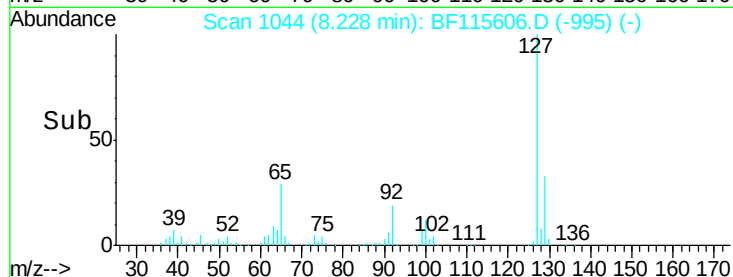
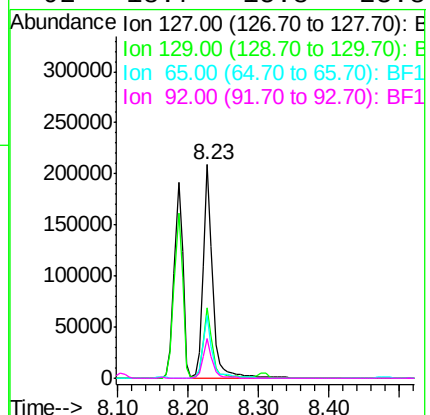
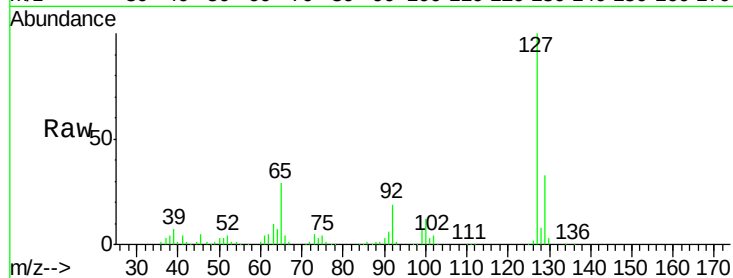




#33
4-Chloroaniline
Concen: 14.884 ng
RT: 8.23 min Scan# 1044
Delta R.T. -0.01 min
Lab File: BF115606.D
Acq: 16 Jul 2019 19:18

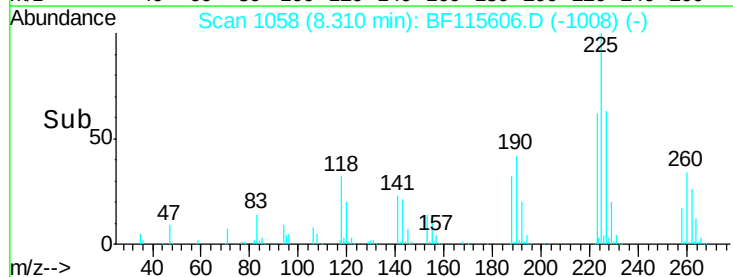
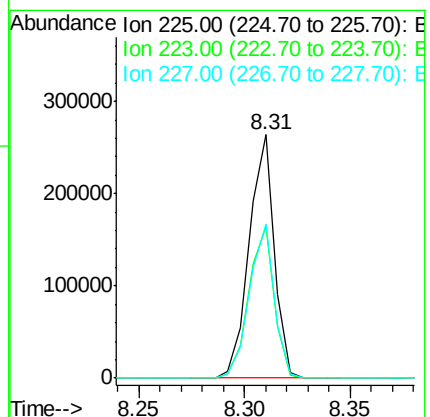
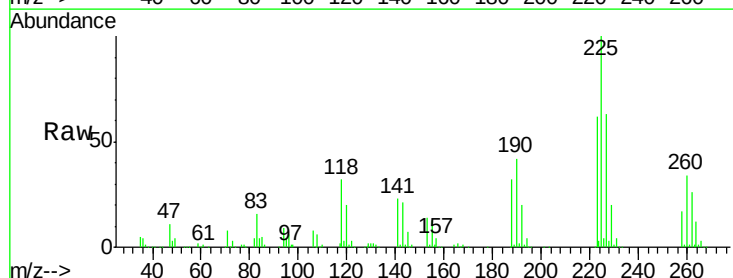
Instrument :
BNA_F
ClientSampleId :

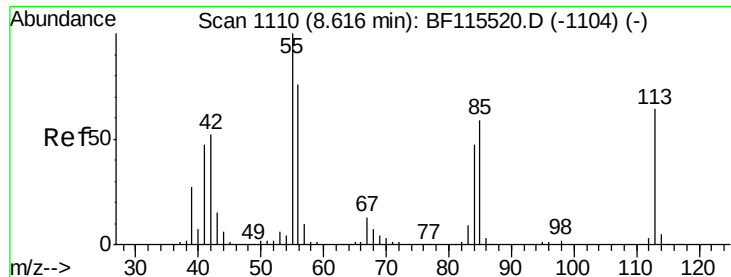
Tot Ion:	127	Resp:	201344
Ion	Ratio	Lower	Upper
127	100		
129	32.7	26.6	39.8
65	29.2	23.7	35.5
92	18.7	15.8	23.8



#34
Hexachlorobutadiene
Concen: 35.820 ng
RT: 8.31 min Scan# 1058
Delta R.T. -0.01 min
Lab File: BF115606.D
Acq: 16 Jul 2019 19:18

Tgt Ion:	225	Resp:	217534
Ion	Ratio	Lower	Upper
225	100		
223	62.4	50.9	76.3
227	63.3	50.7	76.1

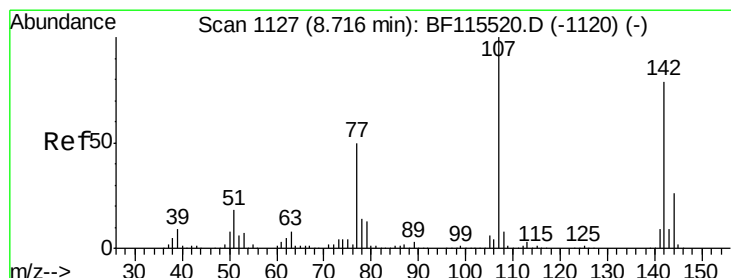
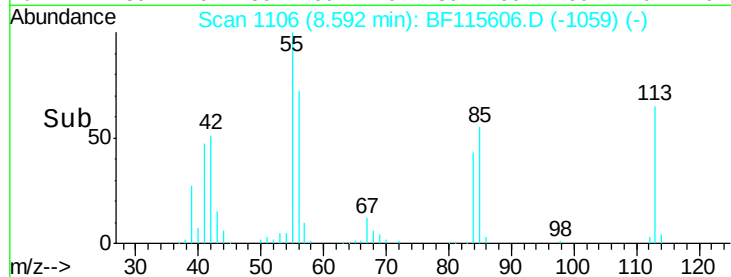
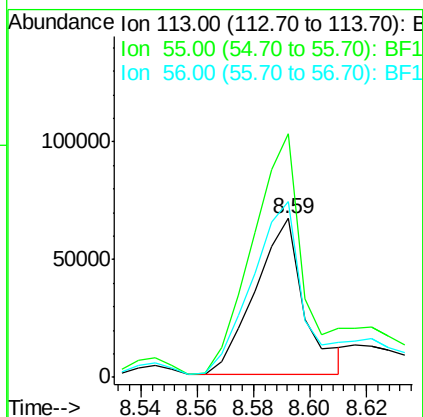
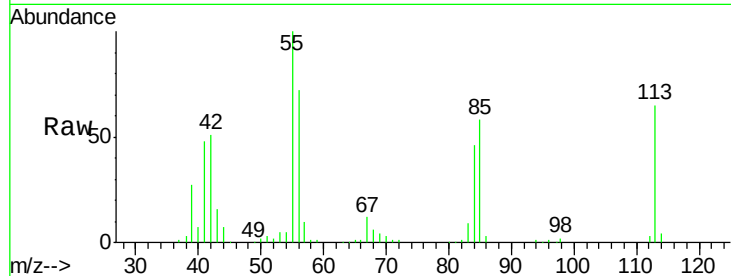




#35
Caprolactam
Concen: 27.856 ng
RT: 8.59 min Scan# 1106
Delta R.T. -0.02 min
Lab File: BF115606.D
Acq: 16 Jul 2019 19:18

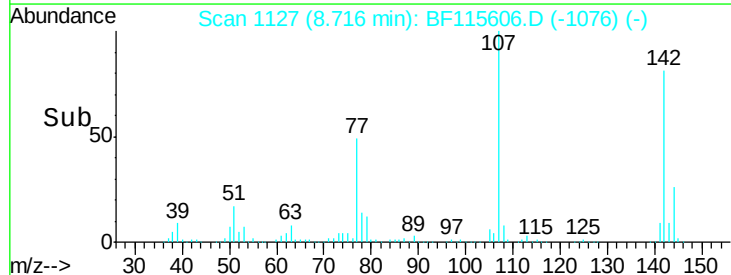
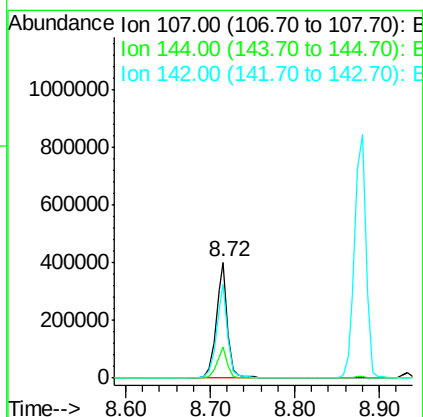
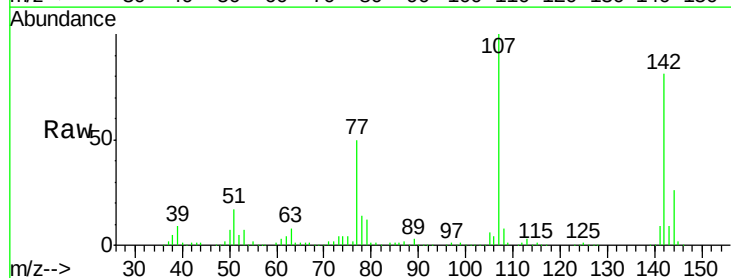
Instrument :
BNA_F
ClientSampleId :

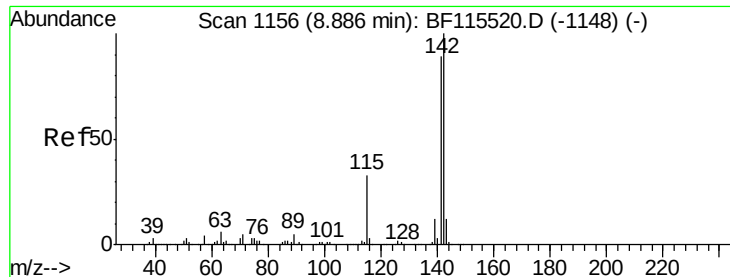
Tot Ion:113 Resp: 80643
Ion Ratio Lower Upper
113 100
55 153.6 126.9 166.9
56 110.7 90.3 130.3



#36
4-Chloro-3-methylphenol
Concen: 39.410 ng
RT: 8.72 min Scan# 1127
Delta R.T. -0.00 min
Lab File: BF115606.D
Acq: 16 Jul 2019 19:18

Tgt Ion:107 Resp: 382991
Ion Ratio Lower Upper
107 100
144 26.4 20.6 30.8
142 80.8 63.1 94.7





#37

2-Methylnaphthalene

Concen: 39.639 ng

RT: 8.88 min Scan# 1155

Delta R.T. -0.01 min

Lab File: BF115606.D

Acq: 16 Jul 2019 19:18

Instrument :

BNA_F

ClientSampleId :

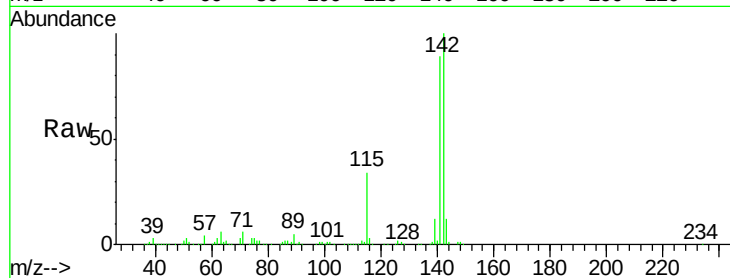
Tot Ion:142 Resp: 802435

Ion Ratio Lower Upper

142 100

141 89.3 72.0 108.0

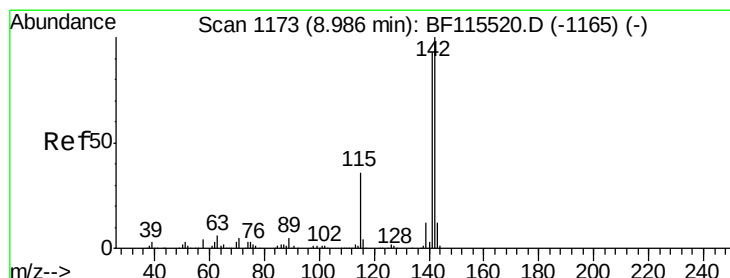
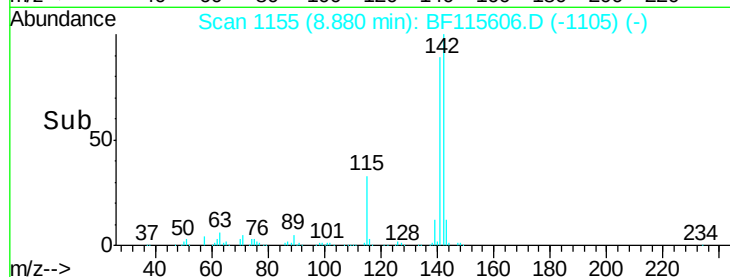
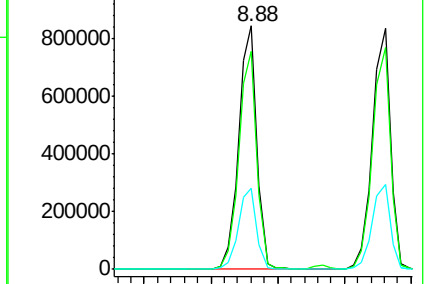
115 33.5 29.9 44.9



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 39.937 ng

RT: 8.98 min Scan# 1172

Delta R.T. -0.01 min

Lab File: BF115606.D

Acq: 16 Jul 2019 19:18

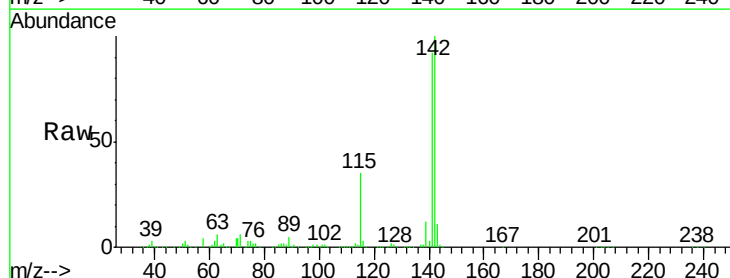
Tgt Ion:142 Resp: 767922

Ion Ratio Lower Upper

142 100

141 91.7 75.3 112.9

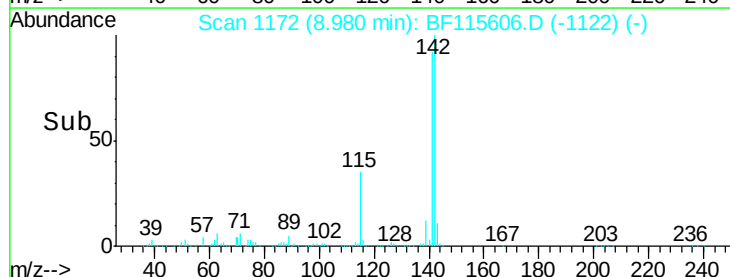
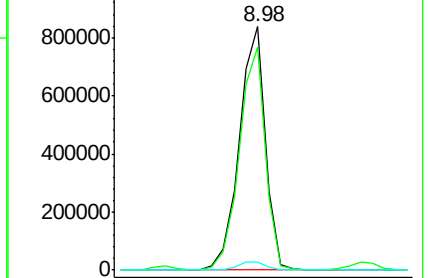
116 3.5 3.3 4.9

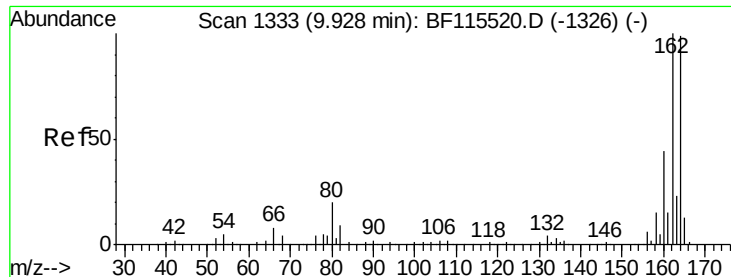


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E

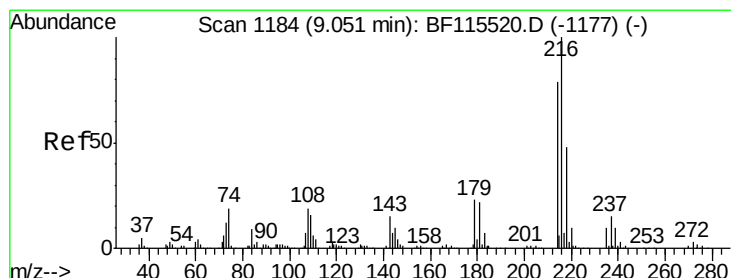
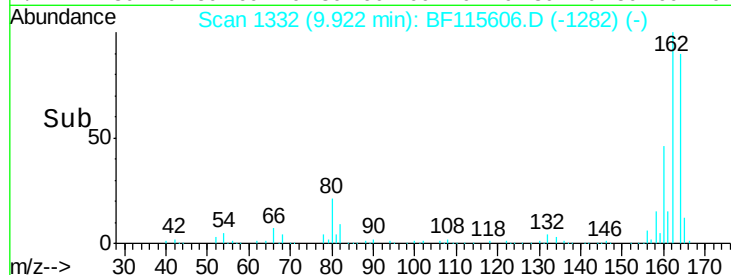
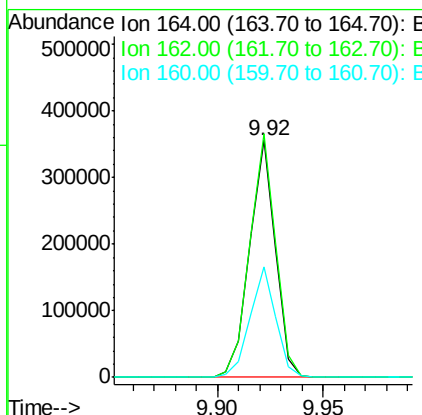
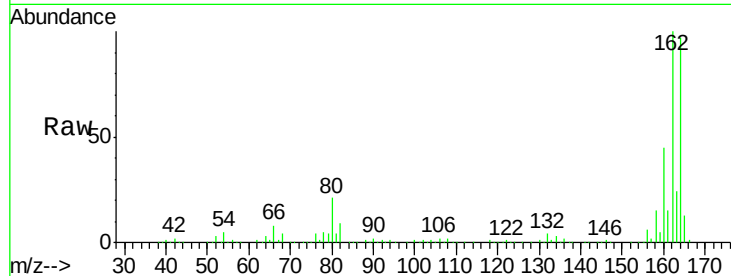




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.92 min Scan# 1332
Delta R.T. -0.01 min
Lab File: BF115606.D
Acq: 16 Jul 2019 19:18

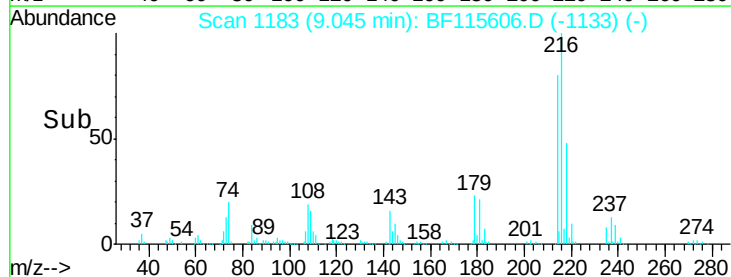
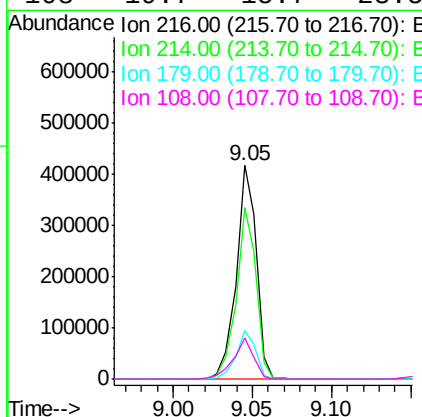
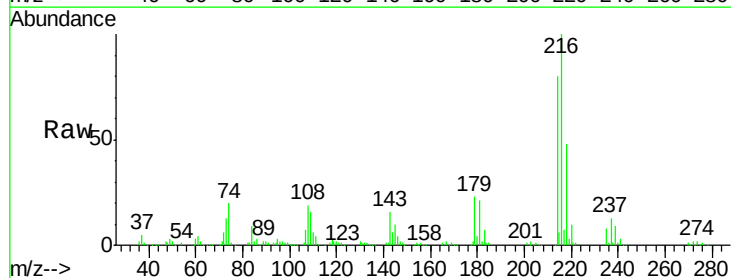
Instrument :
BNA_F
ClientSampled :

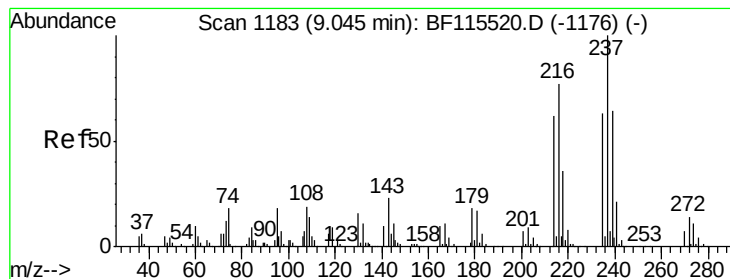
Tot Ion:164 Resp: 303111
Ion Ratio Lower Upper
164 100
162 102.7 82.9 124.3
160 46.7 36.8 55.2



#40
1,2,4,5-Tetrachlorobenzene
Concen: 40.031 ng
RT: 9.05 min Scan# 1183
Delta R.T. -0.01 min
Lab File: BF115606.D
Acq: 16 Jul 2019 19:18

Tgt Ion:216 Resp: 365392
Ion Ratio Lower Upper
216 100
214 79.2 65.1 97.7
179 21.9 18.3 27.5
108 19.7 15.7 23.5





#41

Hexachlorocyclopentadiene

Concen: 39.420 ng

RT: 9.04 min Scan# 1182

Delta R.T. -0.01 min

Lab File: BF115606.D

Acq: 16 Jul 2019 19:18

Instrument :

BNA_F

ClientSampled :

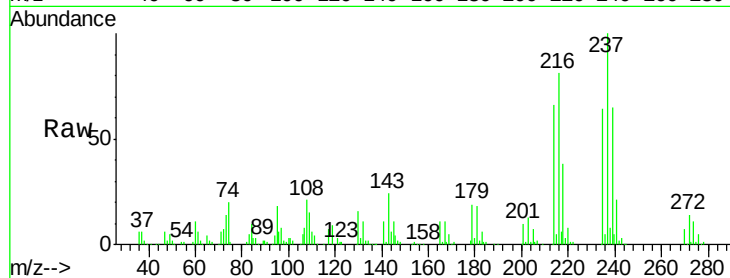
Tot Ion:237 Resp: 205252

Ion Ratio Lower Upper

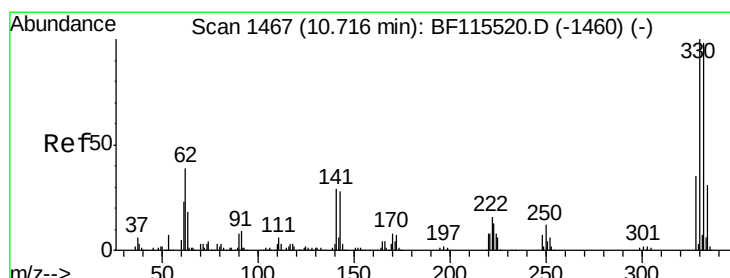
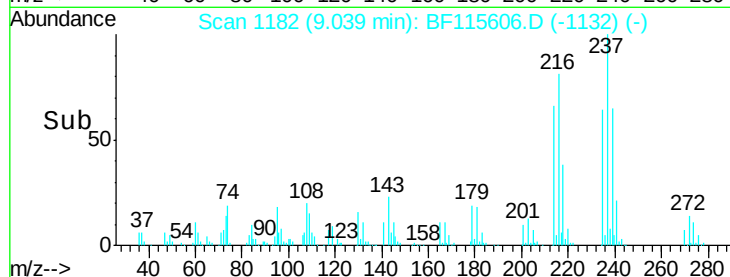
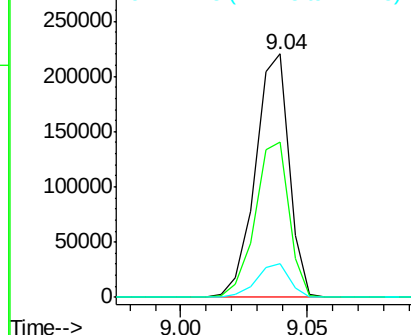
237 100

235 63.7 43.6 83.6

272 14.0 0.0 33.9



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: 108.760 ng

RT: 10.71 min Scan# 1466

Delta R.T. -0.01 min

Lab File: BF115606.D

Acq: 16 Jul 2019 19:18

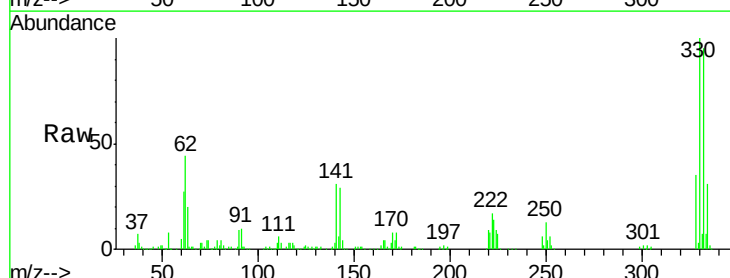
Tgt Ion:330 Resp: 384796

Ion Ratio Lower Upper

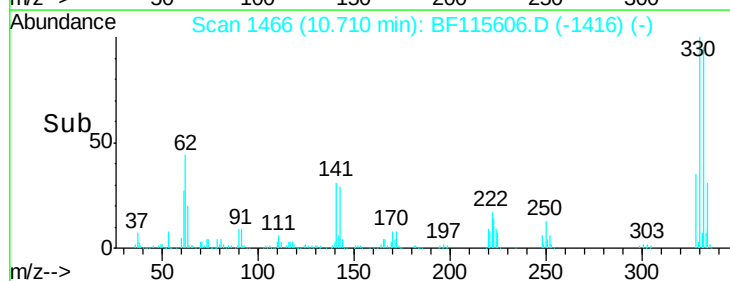
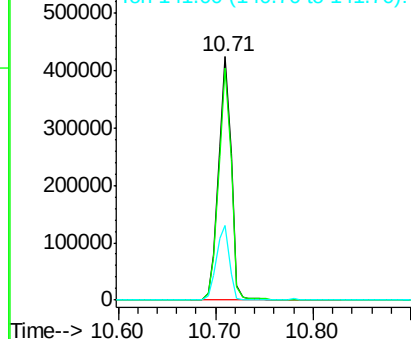
330 100

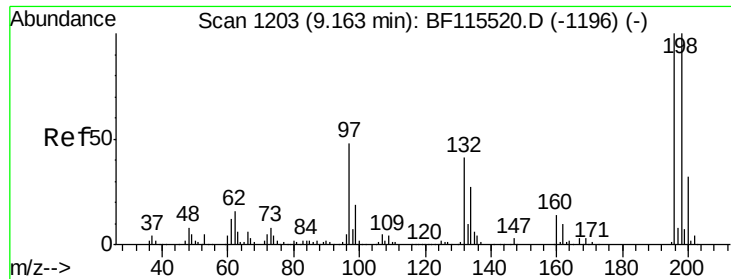
332 95.2 77.4 116.2

141 32.0 22.4 33.6



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

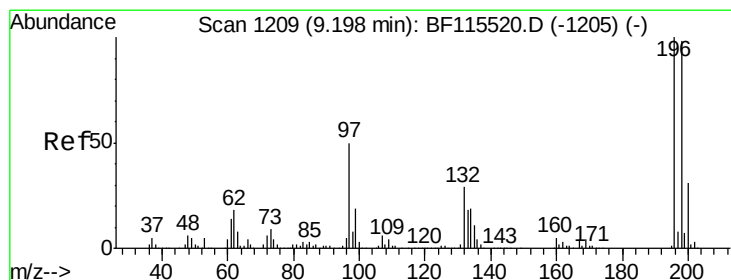
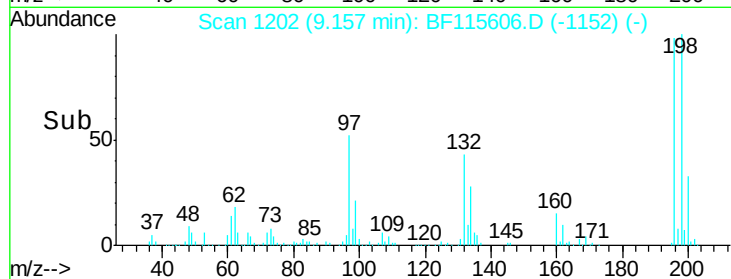
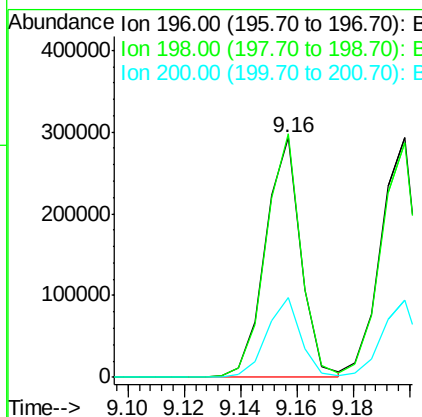
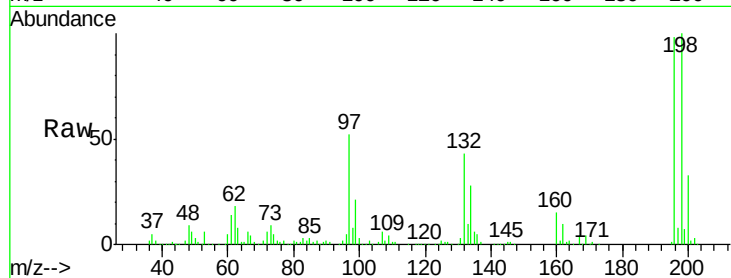




#43
 2,4,6-Trichlorophenol
 Concen: 38.318 ng
 RT: 9.16 min Scan# 1202
 Delta R.T. -0.01 min
 Lab File: BF115606.D
 Acq: 16 Jul 2019 19:18

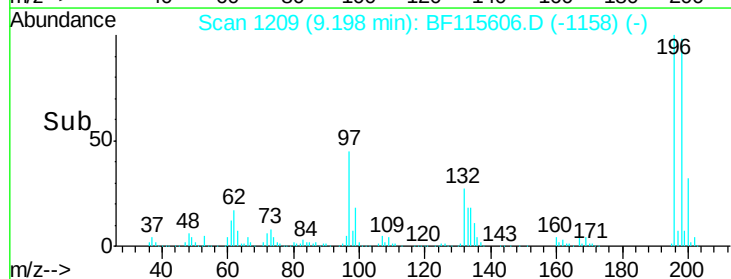
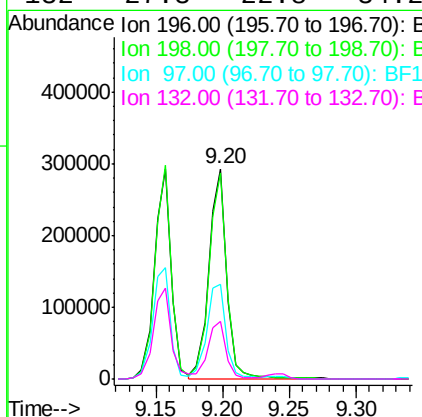
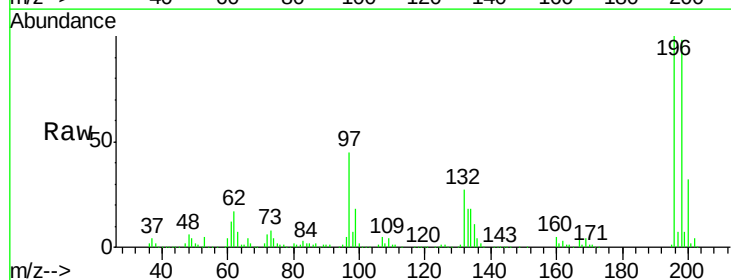
Instrument :
 BNA_F
 ClientSampled :

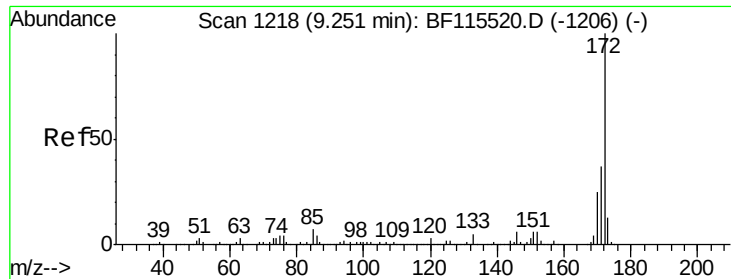
Tot Ion	196	Resp	255777
Ion	Ratio	Lower	Upper
196	100		
198	101.6	80.6	121.0
200	33.2	25.8	38.6



#44
 2,4,5-Trichlorophenol
 Concen: 39.788 ng
 RT: 9.20 min Scan# 1209
 Delta R.T. -0.00 min
 Lab File: BF115606.D
 Acq: 16 Jul 2019 19:18

Tgt Ion	196	Resp	271989
Ion	Ratio	Lower	Upper
196	100		
198	97.8	79.6	119.4
97	44.9	37.8	56.6
132	27.3	22.8	34.2

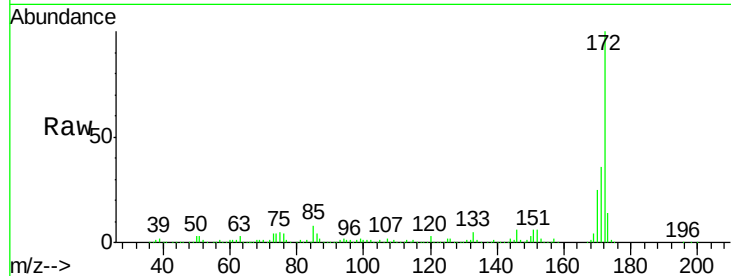




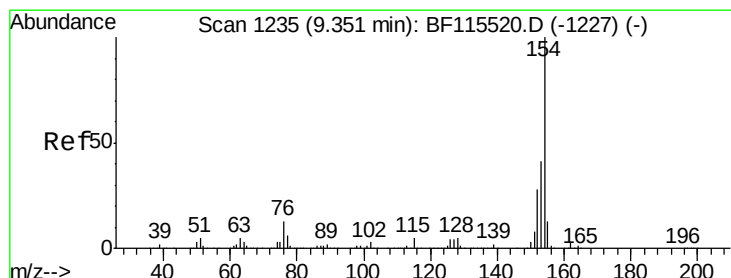
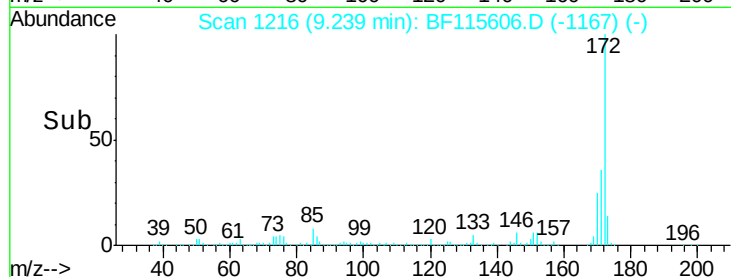
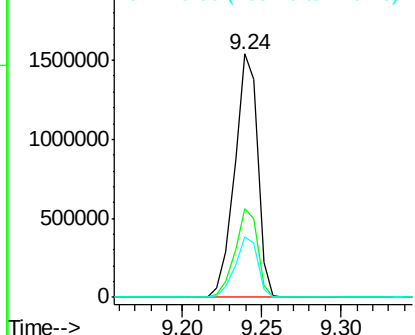
#45
2-Fluorobiphenyl
Concen: 89.366 ng
RT: 9.24 min Scan# 1216
Delta R.T. -0.01 min
Lab File: BF115606.D
Acq: 16 Jul 2019 19:18

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 1547626
Ion Ratio Lower Upper
172 100
171 36.2 30.6 46.0
170 24.8 20.5 30.7

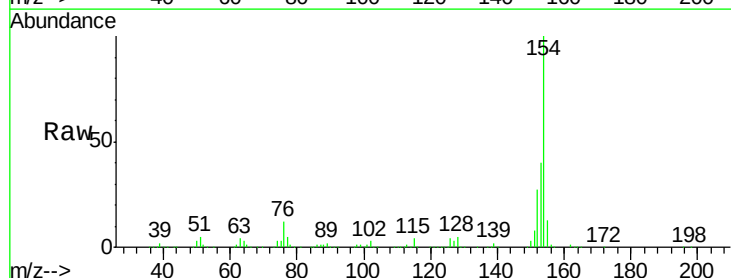


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

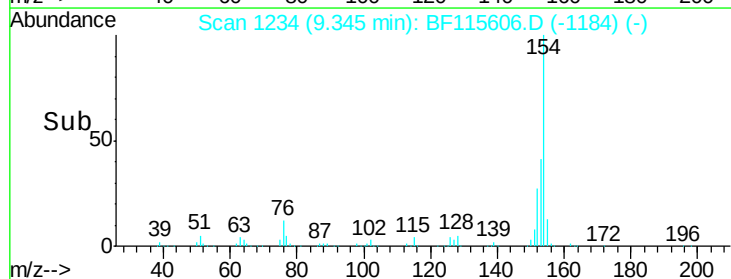
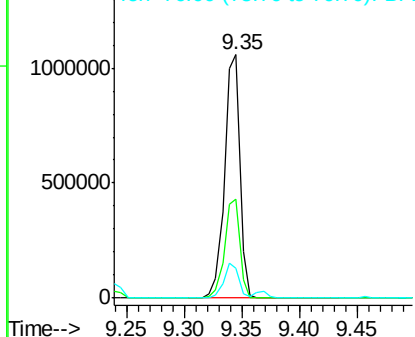


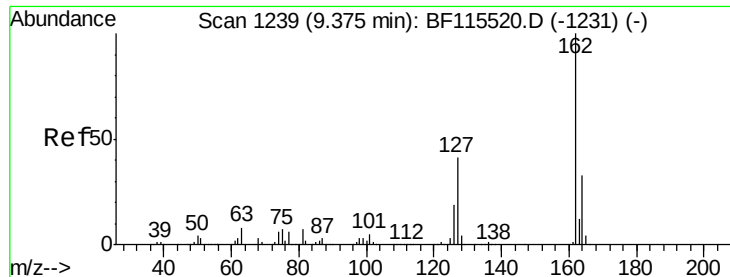
#46
1,1'-Biphenyl
Concen: 41.148 ng
RT: 9.35 min Scan# 1234
Delta R.T. -0.01 min
Lab File: BF115606.D
Acq: 16 Jul 2019 19:18

Tgt Ion:154 Resp: 975086
Ion Ratio Lower Upper
154 100
153 40.5 22.6 62.6
76 12.4 0.0 33.4



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: 38.720 ng

RT: 9.37 min Scan# 1238

Delta R.T. -0.01 min

Lab File: BF115606.D

Acq: 16 Jul 2019 19:18

Instrument :

BNA_F

ClientSampleId :

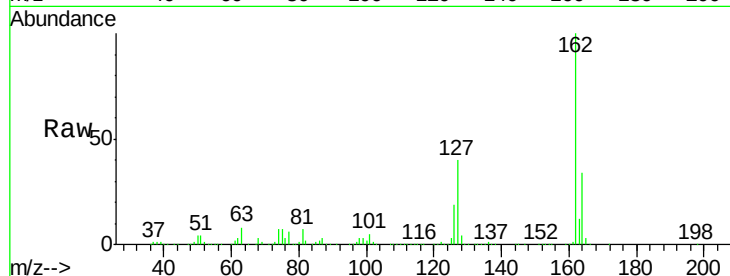
Tot Ion:162 Resp: 764004

Ion Ratio Lower Upper

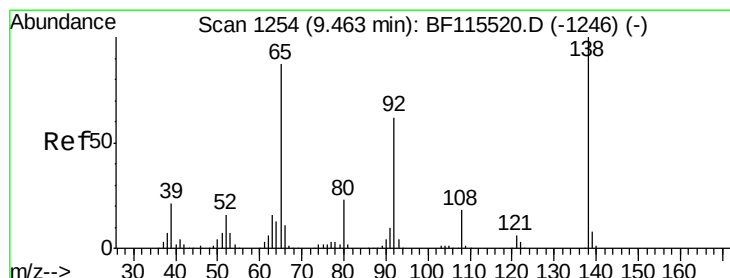
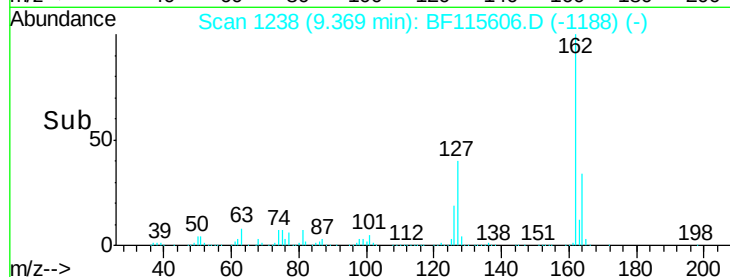
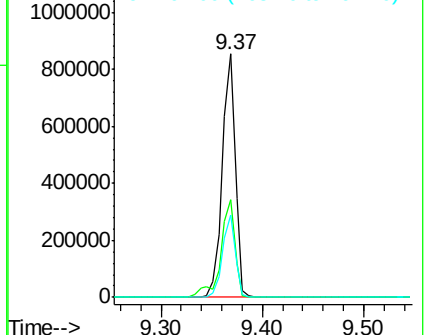
162 100

127 39.9 34.1 51.1

164 33.7 27.4 41.2



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: 39.426 ng

RT: 9.46 min Scan# 1253

Delta R.T. -0.01 min

Lab File: BF115606.D

Acq: 16 Jul 2019 19:18

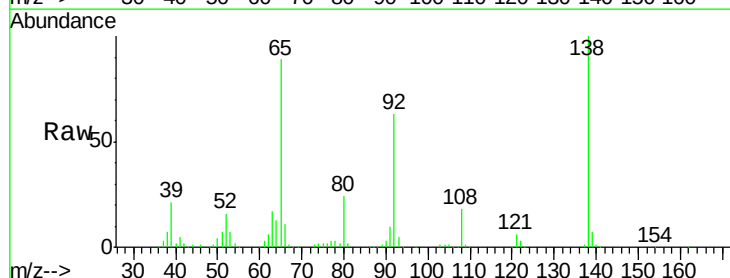
Tgt Ion: 65 Resp: 240782

Ion Ratio Lower Upper

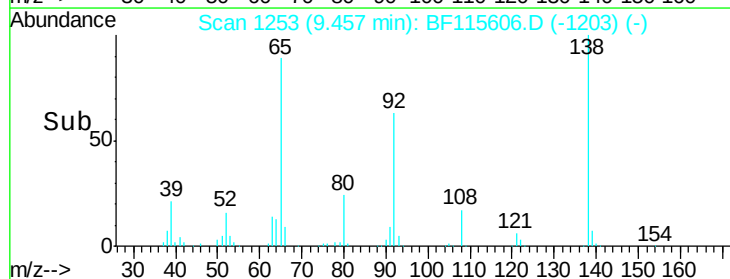
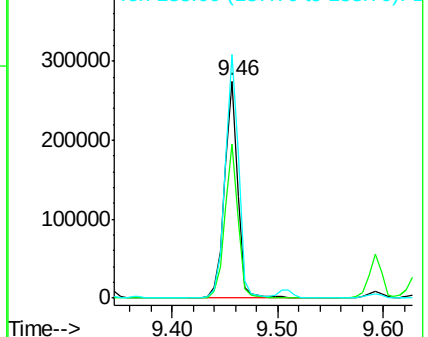
65 100

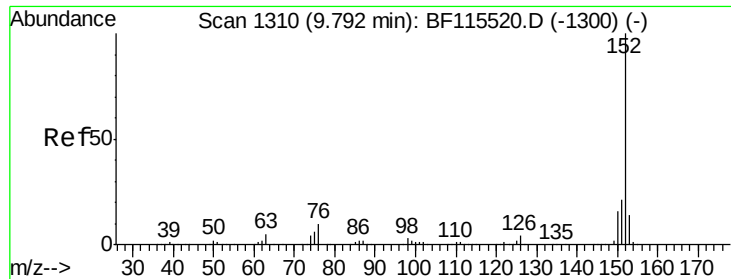
92 71.1 57.8 86.6

138 112.2 91.2 136.8



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





#49

Acenaphthylene

Concen: 41.183 ng

RT: 9.78 min Scan# 1308

Delta R.T. -0.01 min

Lab File: BF115606.D

Acq: 16 Jul 2019 19:18

Instrument :

BNA_F

ClientSampleId :

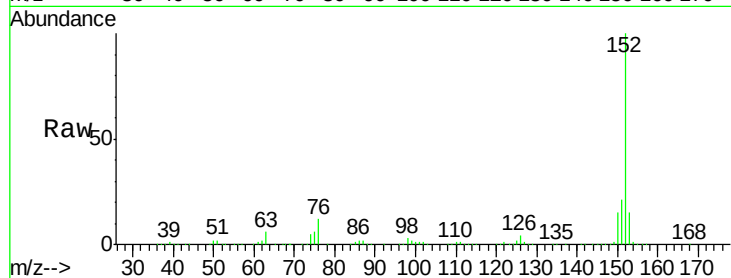
Tot Ion:152 Resp: 1204078

Ion Ratio Lower Upper

152 100

151 20.9 17.7 26.5

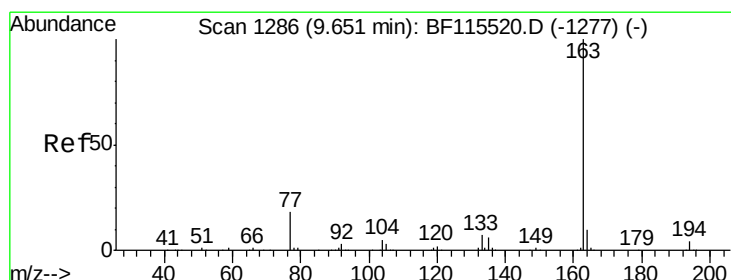
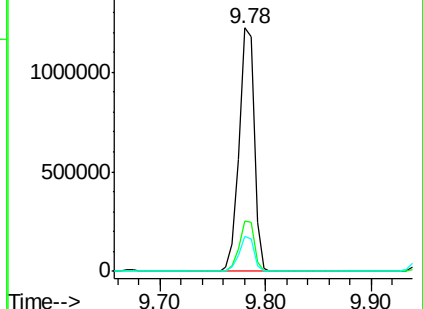
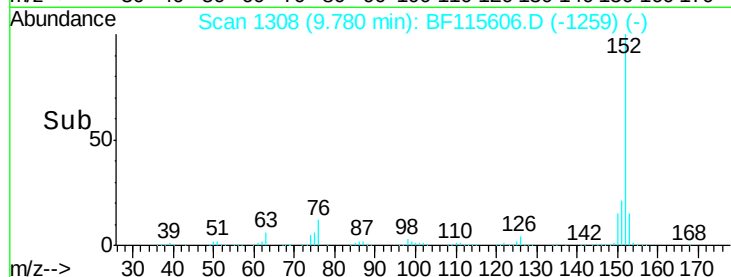
153 14.6 12.0 18.0



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: 50.921 ng

RT: 9.64 min Scan# 1284

Delta R.T. -0.01 min

Lab File: BF115606.D

Acq: 16 Jul 2019 19:18

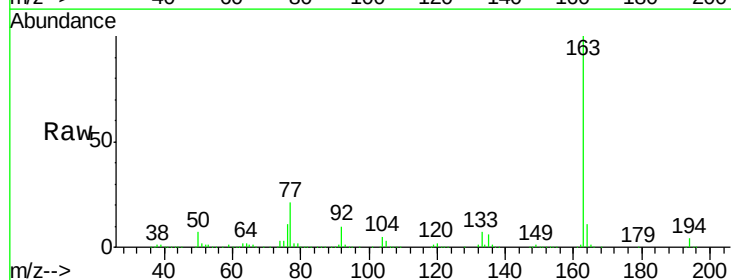
Tgt Ion:163 Resp: 1161262

Ion Ratio Lower Upper

163 100

194 3.9 3.3 4.9

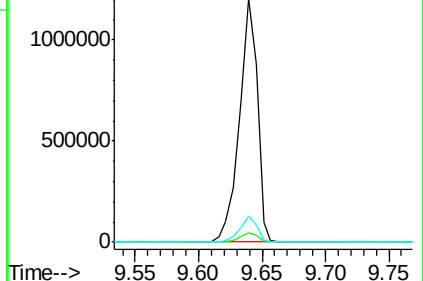
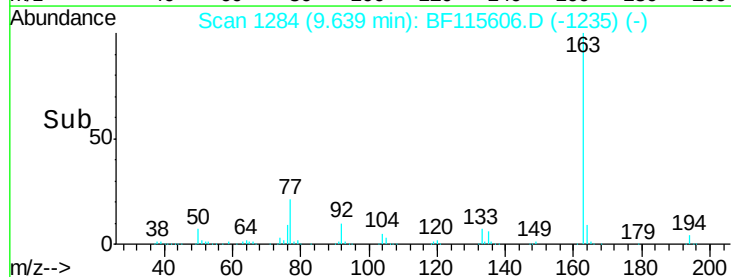
164 10.8 8.7 13.1

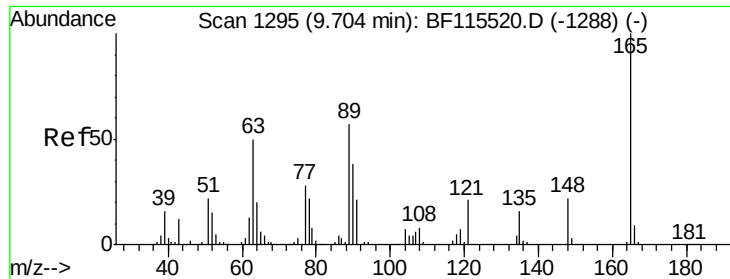


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 38.971 ng

RT: 9.70 min Scan# 1294

Delta R.T. -0.01 min

Lab File: BF115606.D

Acq: 16 Jul 2019 19:18

Instrument :

BNA_F

ClientSampled :

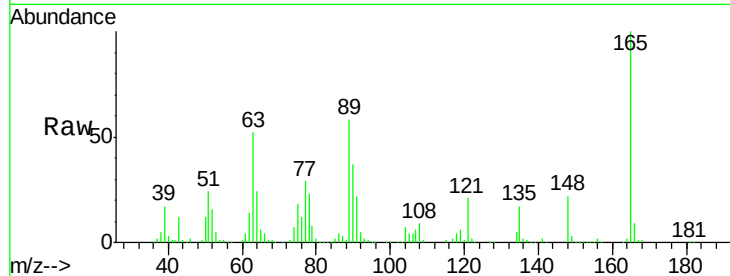
Tot Ion:165 Resp: 201970

Ion Ratio Lower Upper

165 100

63 52.0 40.6 61.0

89 57.5 43.9 65.9

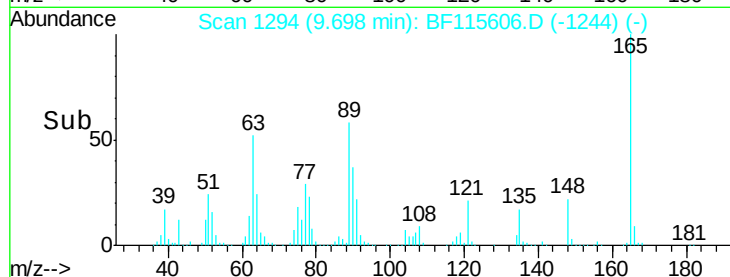


Abundance Ion 165.00 (164.70 to 165.70): E

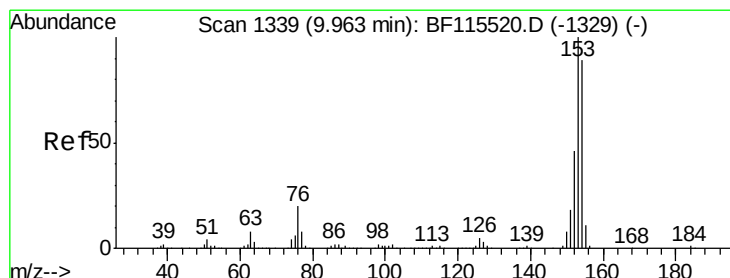
Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Time-->



Time-->



#52

Acenaphthene

Concen: 36.930 ng

RT: 9.96 min Scan# 1338

Delta R.T. -0.01 min

Lab File: BF115606.D

Acq: 16 Jul 2019 19:18

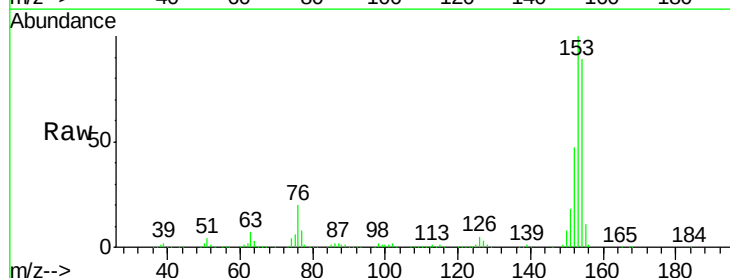
Tgt Ion:154 Resp: 697095

Ion Ratio Lower Upper

154 100

153 112.7 88.6 133.0

152 53.4 42.3 63.5

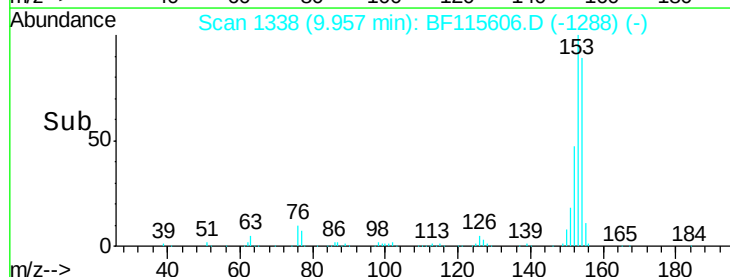


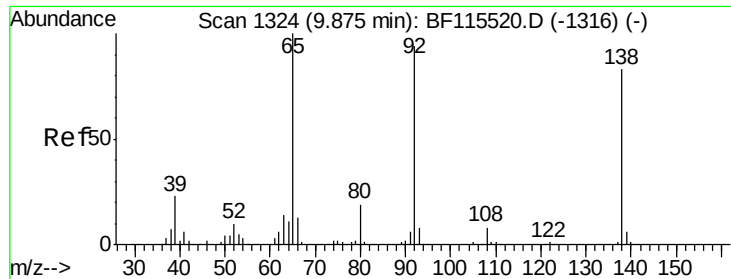
Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Time-->

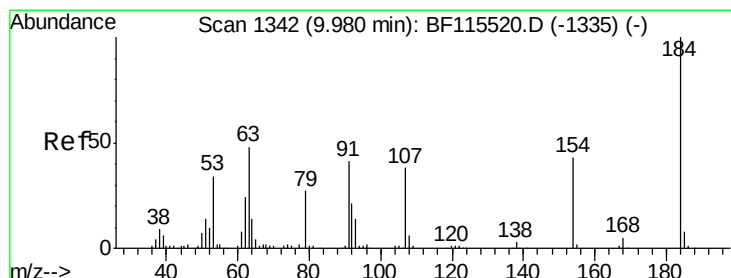
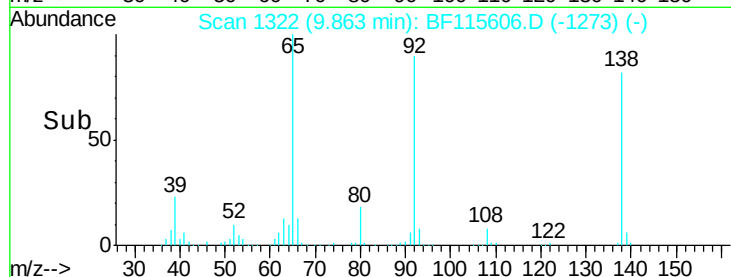
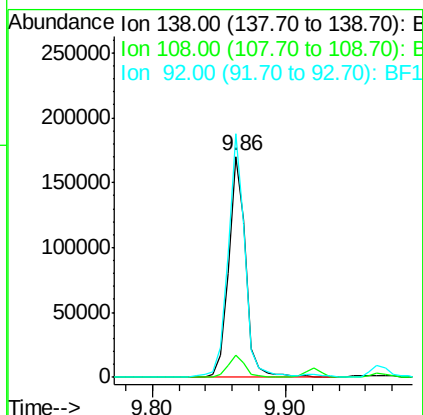
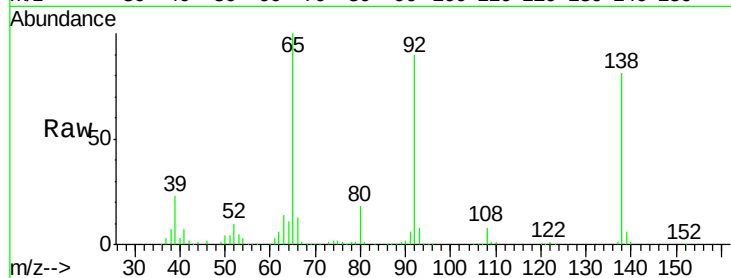




#53
3-Nitroaniline
Concen: 25.950 ng
RT: 9.86 min Scan# 1322
Delta R.T. -0.01 min
Lab File: BF115606.D
Acq: 16 Jul 2019 19:18

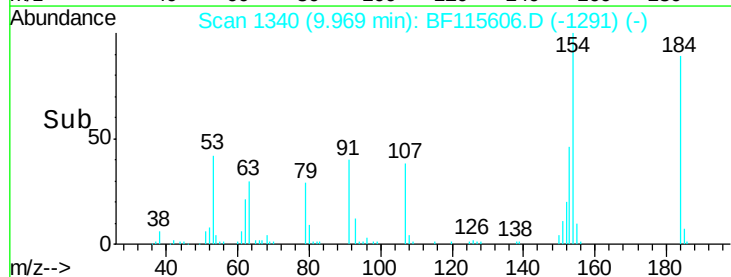
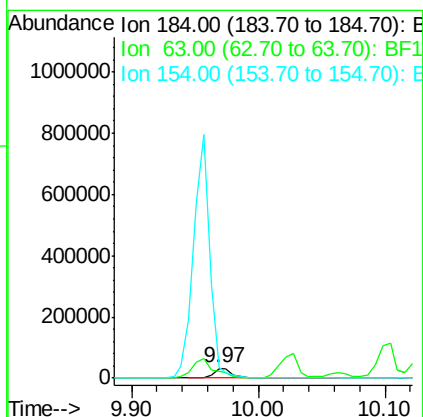
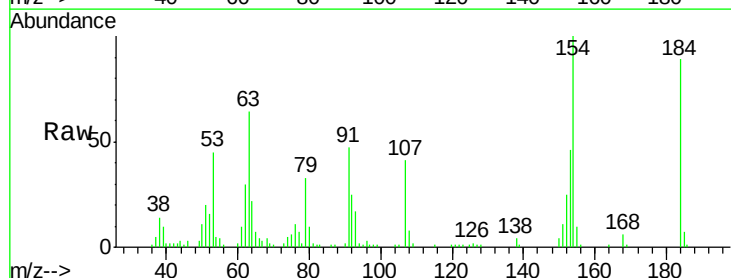
Instrument :
BNA_F
ClientSampled :

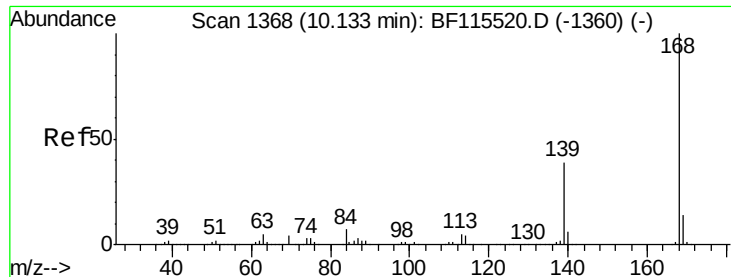
Tot Ion:138 Resp: 153688
Ion Ratio Lower Upper
138 100
108 10.0 8.4 12.6
92 110.2 88.0 132.0



#54
2,4-Dinitrophenol
Concen: 12.941 ng
RT: 9.97 min Scan# 1340
Delta R.T. -0.01 min
Lab File: BF115606.D
Acq: 16 Jul 2019 19:18

Tgt Ion:184 Resp: 34433
Ion Ratio Lower Upper
184 100
63 72.4 48.7 73.1
154 112.8 48.6 73.0#

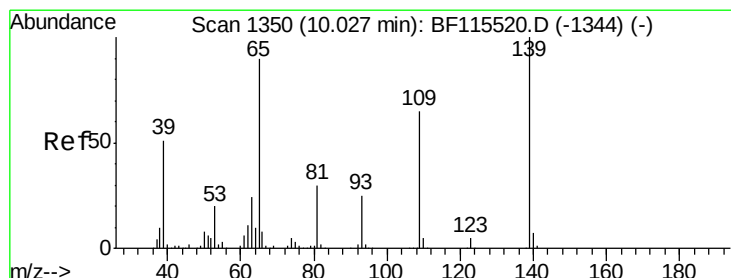
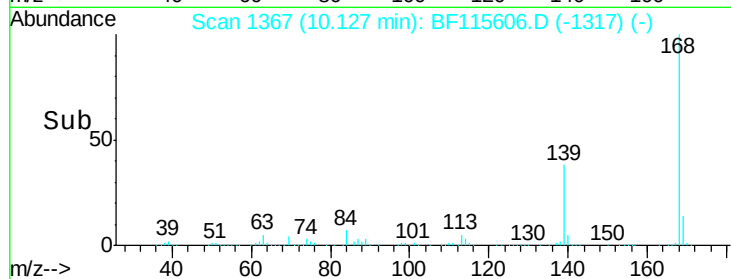
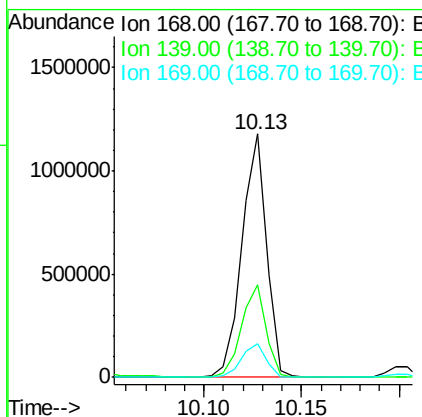
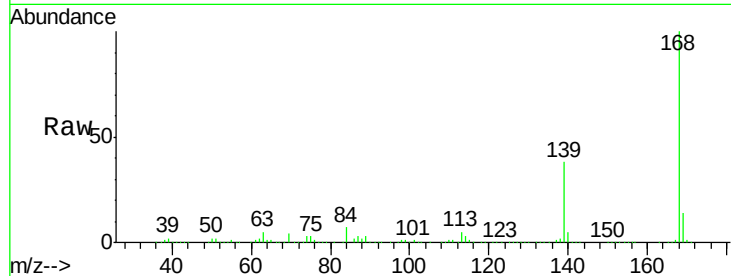




#55
Dibenzenofuran
Concen: 38.506 ng
RT: 10.13 min Scan# 1367
Delta R.T. -0.01 min
Lab File: BF115606.D
Acq: 16 Jul 2019 19:18

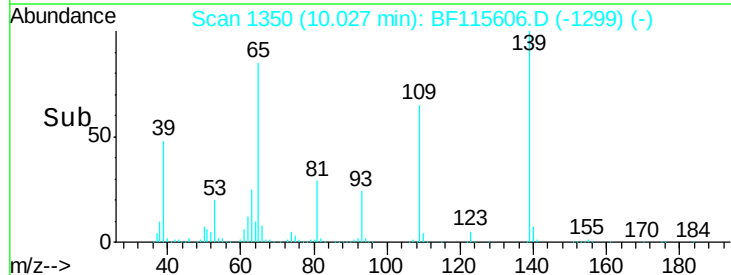
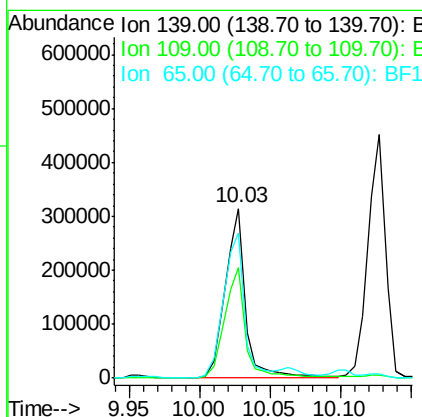
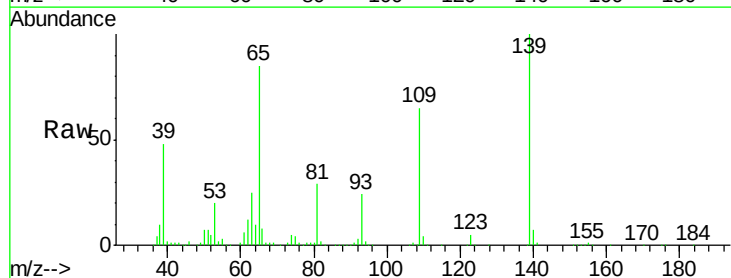
Instrument :
BNA_F
ClientSampleId :

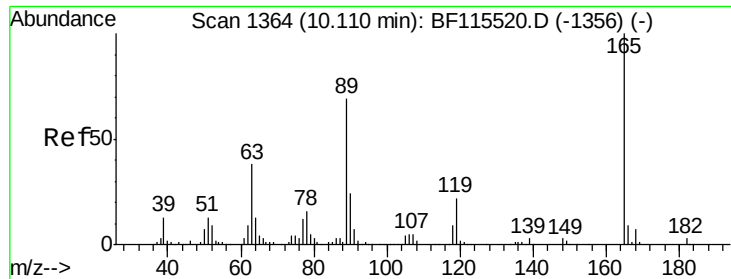
Tot Ion:168 Resp: 1032204
Ion Ratio Lower Upper
168 100
139 38.3 31.1 46.7
169 13.9 11.1 16.7



#56
4-Nitrophenol
Concen: 70.425 ng
RT: 10.03 min Scan# 1350
Delta R.T. -0.00 min
Lab File: BF115606.D
Acq: 16 Jul 2019 19:18

Tgt Ion:139 Resp: 318051
Ion Ratio Lower Upper
139 100
109 64.7 46.4 86.4
65 85.2 68.9 108.9

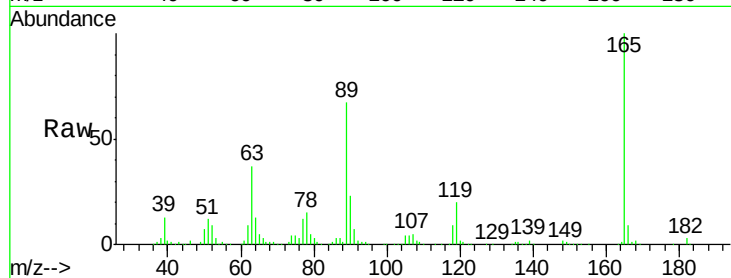




#57
2,4-Dinitrotoluene
Concen: 38.943 ng
RT: 10.10 min Scan# 1363
Delta R.T. -0.01 min
Lab File: BF115606.D
Acq: 16 Jul 2019 19:18

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
165	100		
63	36.6	34.9	52.3
89	66.5	57.5	86.3
182	2.7	2.2	3.4

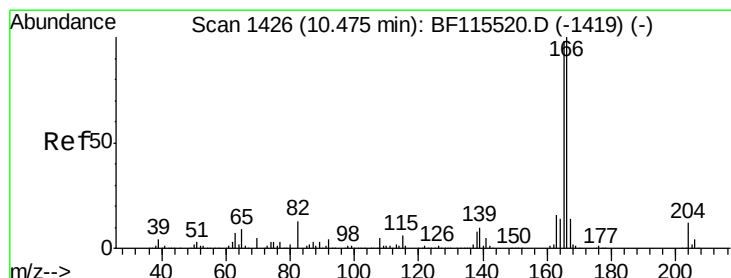
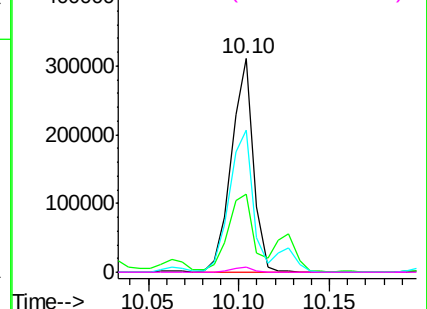
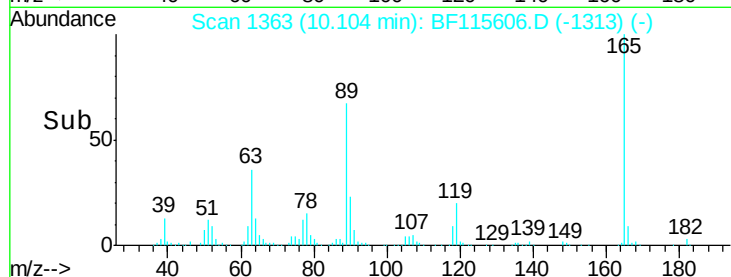


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

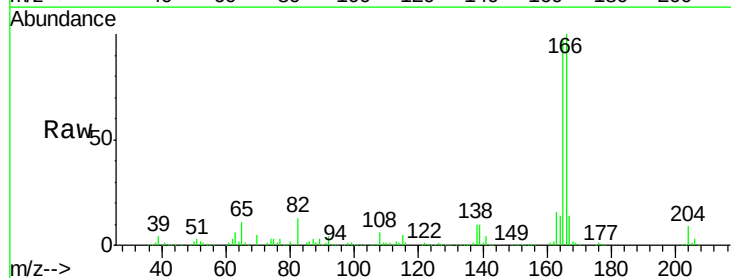
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 39.676 ng
RT: 10.47 min Scan# 1425
Delta R.T. -0.01 min
Lab File: BF115606.D
Acq: 16 Jul 2019 19:18

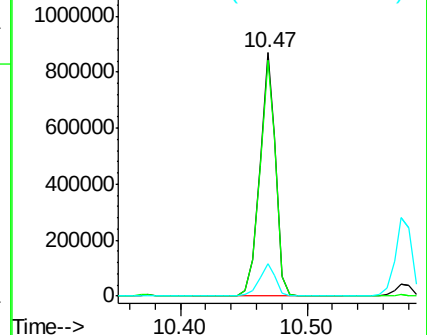
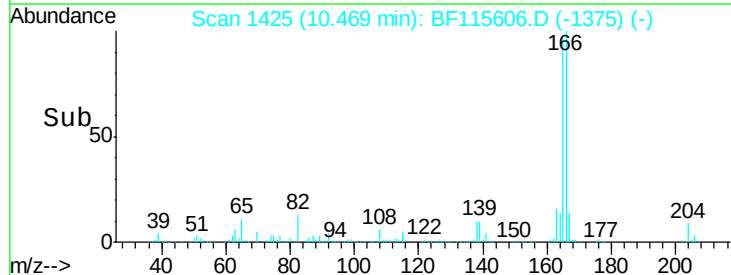
Tgt Ion	Ratio	Lower	Upper
166	100		
165	97.1	79.8	119.6
167	13.6	11.2	16.8

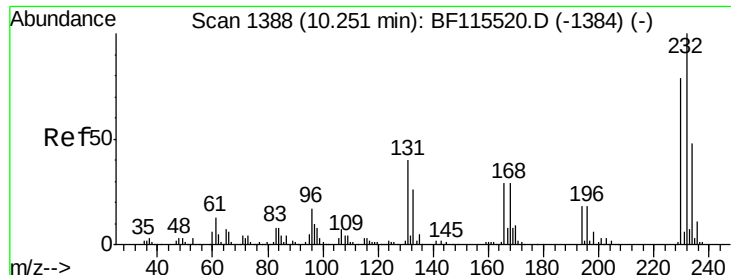


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

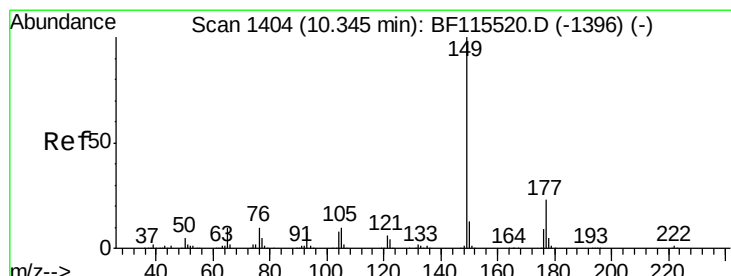
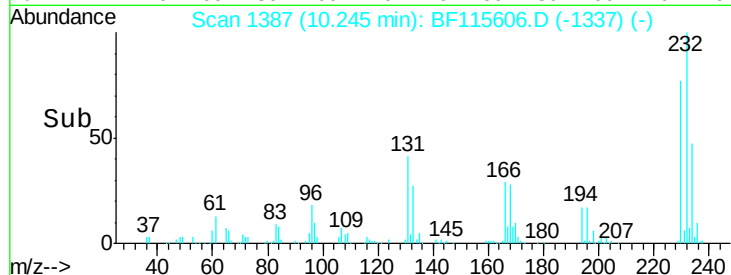
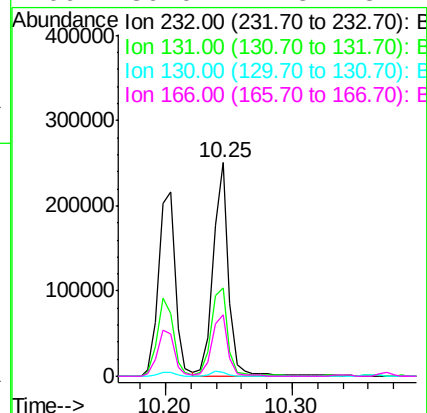
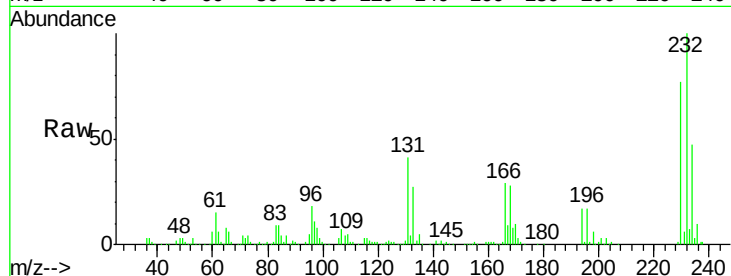




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 37.029 ng
 RT: 10.25 min Scan# 1387
 Delta R.T. -0.01 min
 Lab File: BF115606.D
 Acq: 16 Jul 2019 19:18

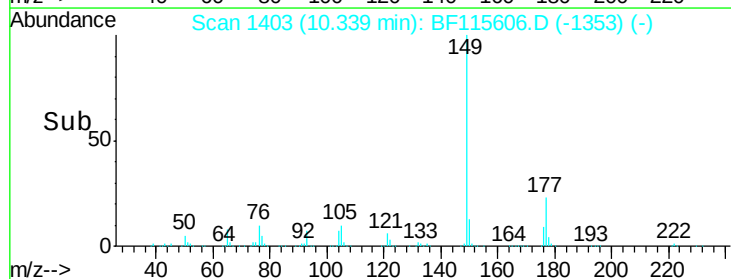
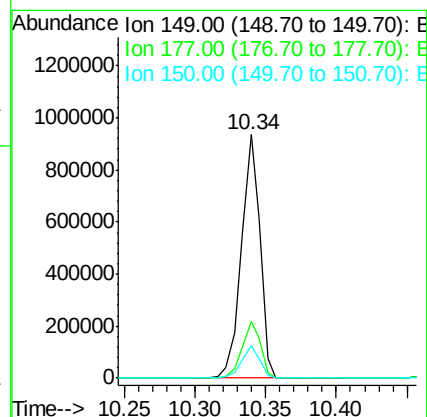
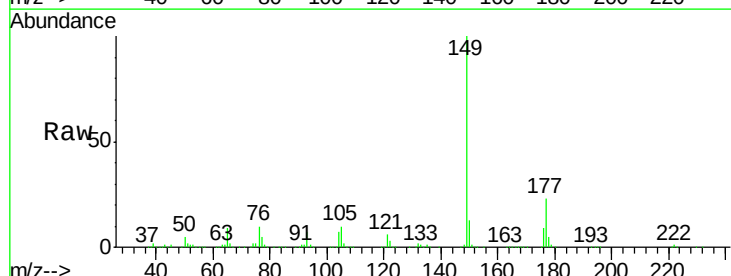
Instrument :
 BNA_F
 ClientSampleId :

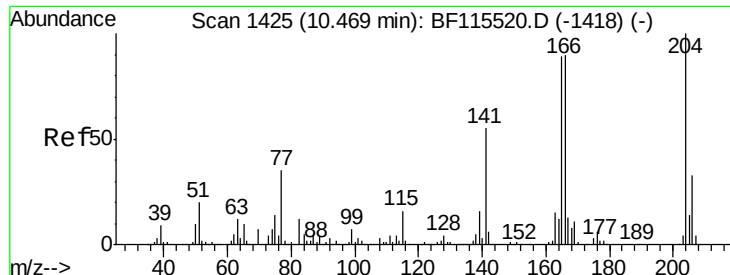
Tot Ion:	232	Resp:	211604
Ion	Ratio	Lower	Upper
232	100		
131	45.1	35.9	53.9
130	2.4	1.8	2.6
166	30.0	24.8	37.2



#60
 Diethylphthalate
 Concen: 39.940 ng
 RT: 10.34 min Scan# 1403
 Delta R.T. -0.01 min
 Lab File: BF115606.D
 Acq: 16 Jul 2019 19:18

Tgt Ion:	149	Resp:	853417
Ion	Ratio	Lower	Upper
149	100		
177	23.2	19.5	29.3
150	13.1	10.4	15.6

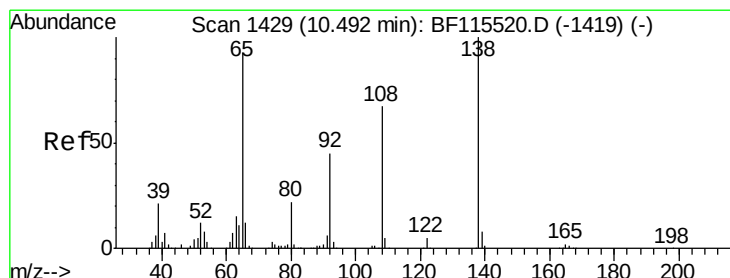
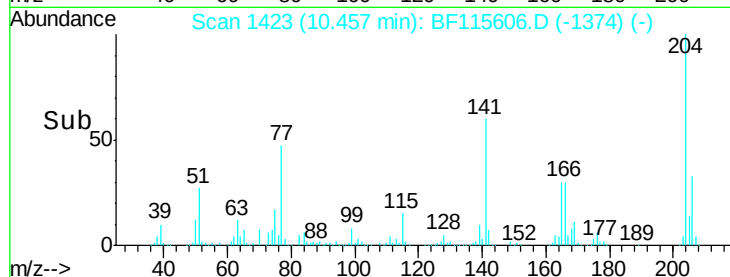
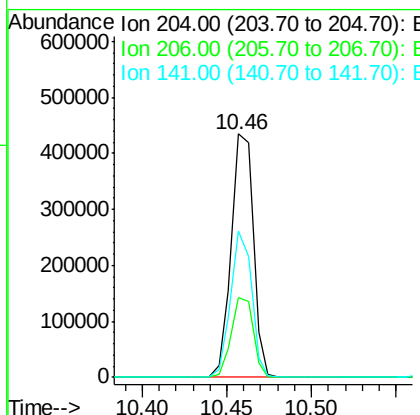
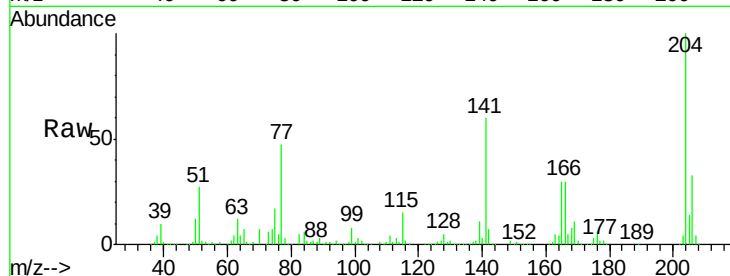




#61
 4-Chlorophenyl-phenylether
 Concen: 37.140 ng
 RT: 10.46 min Scan# 1423
 Delta R.T. -0.01 min
 Lab File: BF115606.D
 Acq: 16 Jul 2019 19:18

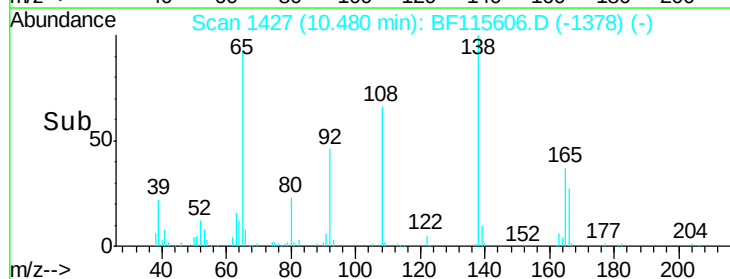
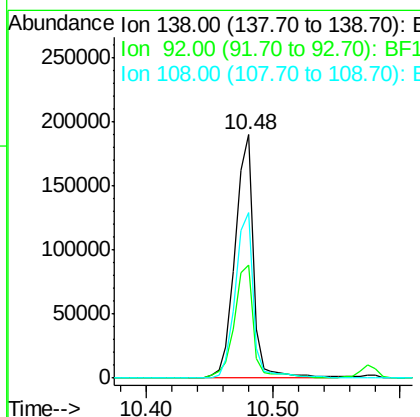
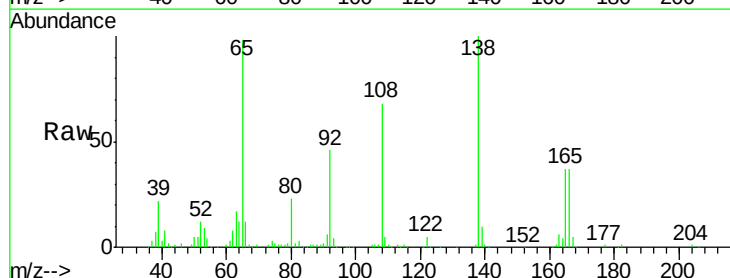
Instrument :
 BNA_F
 ClientSampleId :

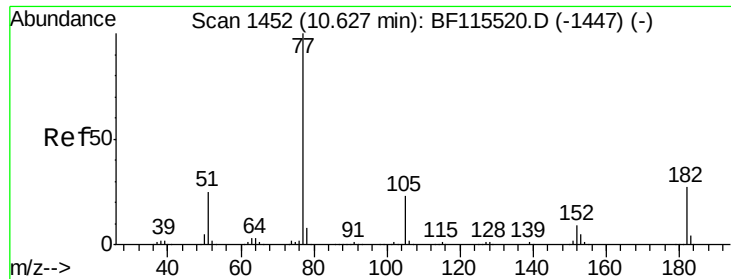
Tot Ion:204 Resp: 394684
 Ion Ratio Lower Upper
 204 100
 206 32.7 26.7 40.1
 141 60.1 44.2 66.2



#62
 4-Nitroaniline
 Concen: 33.582 ng
 RT: 10.48 min Scan# 1427
 Delta R.T. -0.01 min
 Lab File: BF115606.D
 Acq: 16 Jul 2019 19:18

Tgt Ion:138 Resp: 190779
 Ion Ratio Lower Upper
 138 100
 92 46.3 27.1 67.1
 108 68.0 48.0 88.0





#63

Azobenzene

Concen: 41.594 ng

RT: 10.62 min Scan# 1451

Delta R.T. -0.01 min

Lab File: BF115606.D

Acq: 16 Jul 2019 19:18

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 77 Resp: 862060

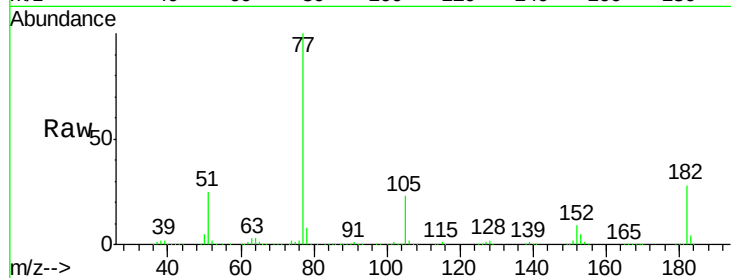
Ion Ratio Lower Upper

77 100

182 27.7 6.9 46.9

105 23.1 3.9 43.9

51 25.3 7.3 47.3

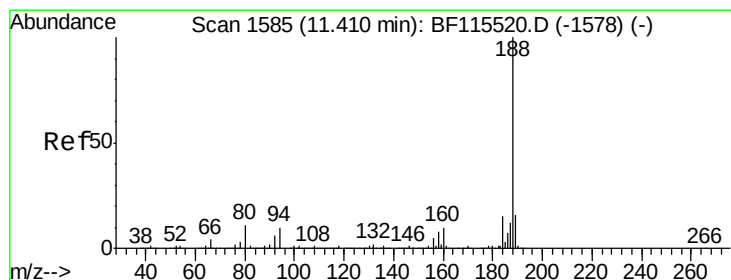
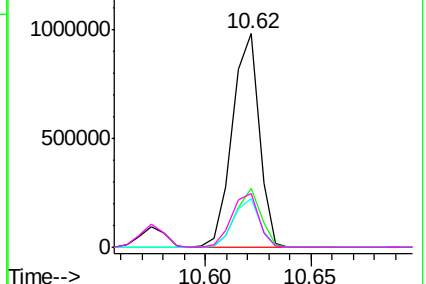
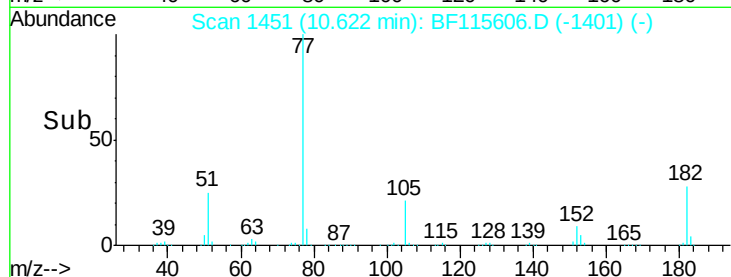


Abundance Ion 77.00 (76.70 to 77.70): BF1

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: 11.40 min Scan# 1584

Delta R.T. -0.01 min

Lab File: BF115606.D

Acq: 16 Jul 2019 19:18

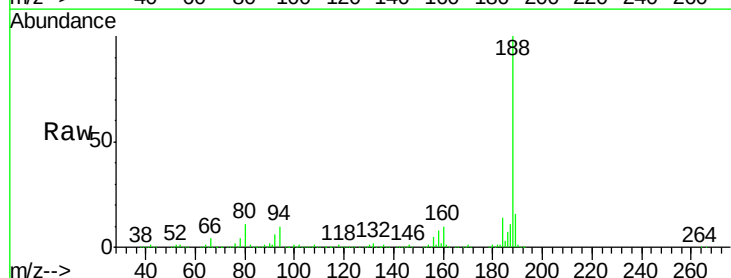
Tgt Ion: 188 Resp: 541449

Ion Ratio Lower Upper

188 100

94 10.1 7.8 11.6

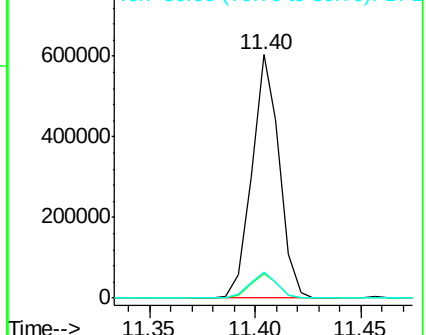
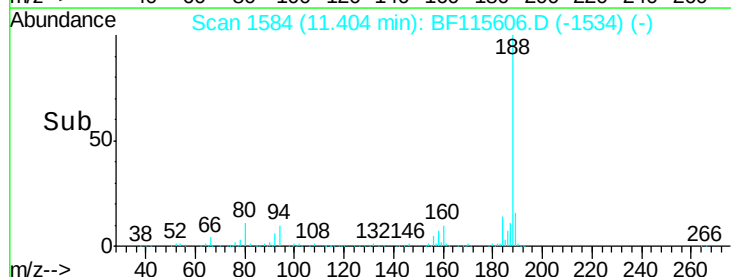
80 10.8 8.6 13.0

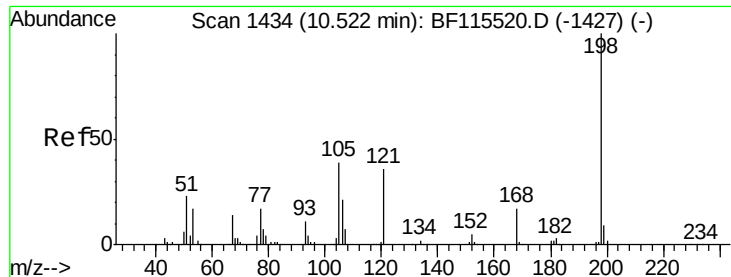


Abundance Ion 188.00 (187.70 to 188.70): BF1

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: 18.312 ng

RT: 10.51 min Scan# 1432

Delta R.T. -0.01 min

Lab File: BF115606.D

Acq: 16 Jul 2019 19:18

Instrument :

BNA_F

ClientSampleId :

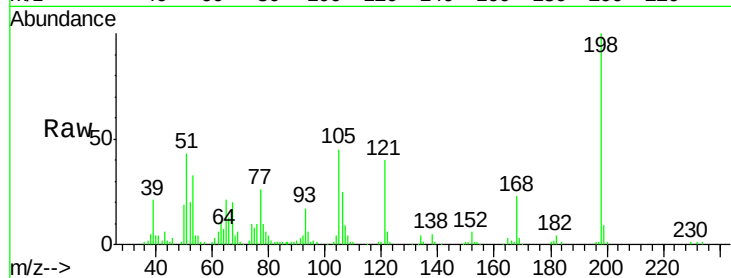
Tot Ion:198 Resp: 60578

Ion Ratio Lower Upper

198 100

51 43.1 19.1 59.1

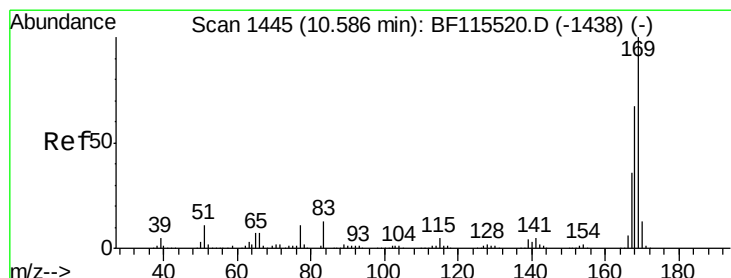
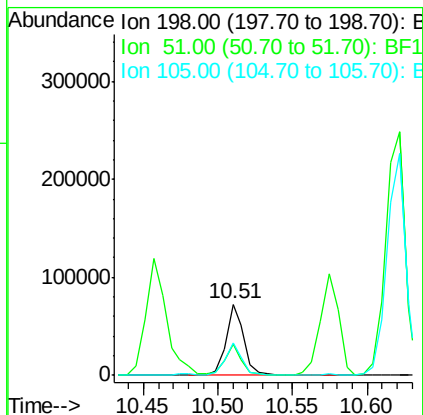
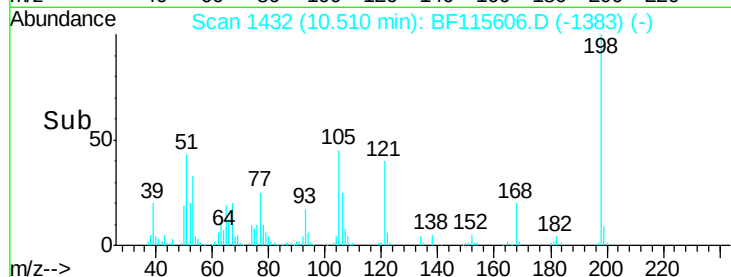
105 45.4 23.6 63.6



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 42.106 ng

RT: 10.57 min Scan# 1443

Delta R.T. -0.01 min

Lab File: BF115606.D

Acq: 16 Jul 2019 19:18

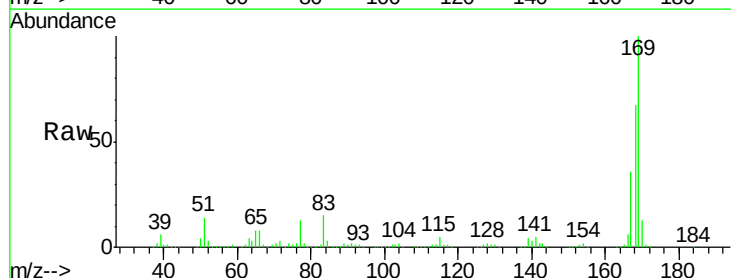
Tgt Ion:169 Resp: 709164

Ion Ratio Lower Upper

169 100

168 67.4 54.3 81.5

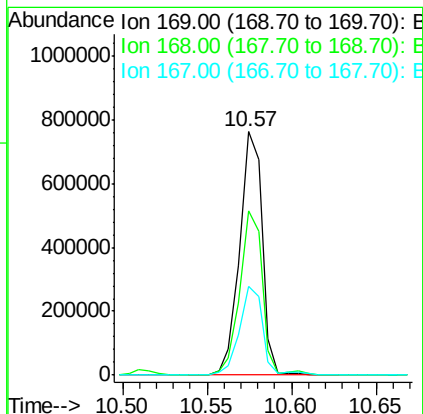
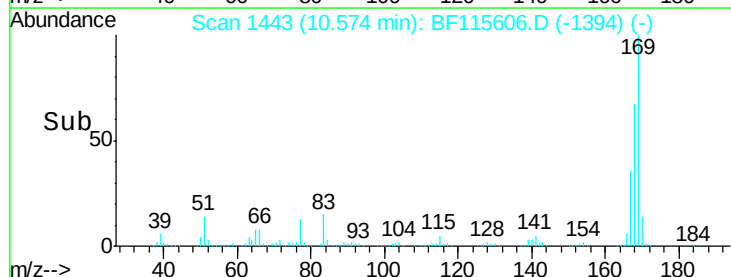
167 36.5 30.2 45.2

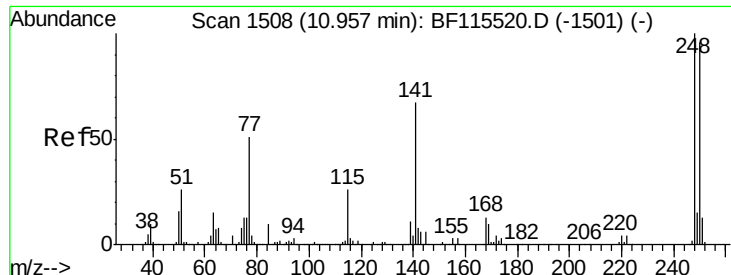


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

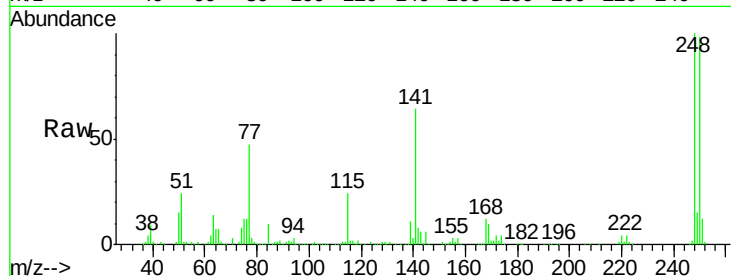




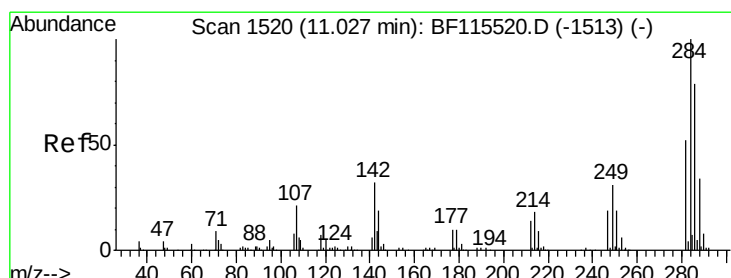
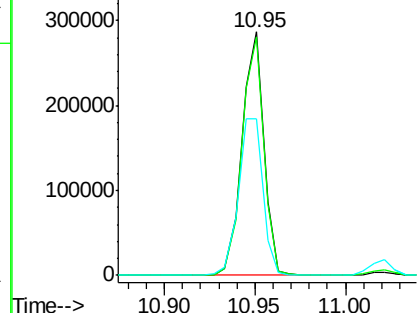
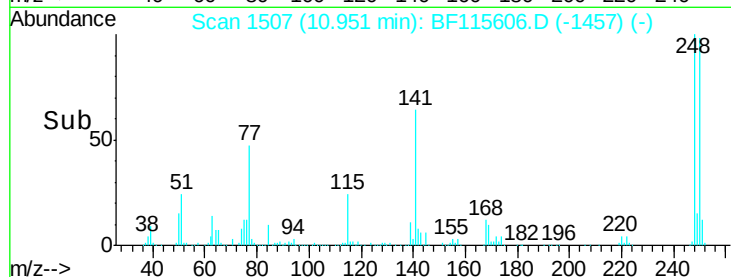
#67
 4-Bromophenyl-phenylether
 Concen: 38.871 ng
 RT: 10.95 min Scan# 1507
 Delta R.T. -0.01 min
 Lab File: BF115606.D
 Acq: 16 Jul 2019 19:18

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
248	100		
250	97.9	78.0	117.0
141	64.1	57.7	86.5

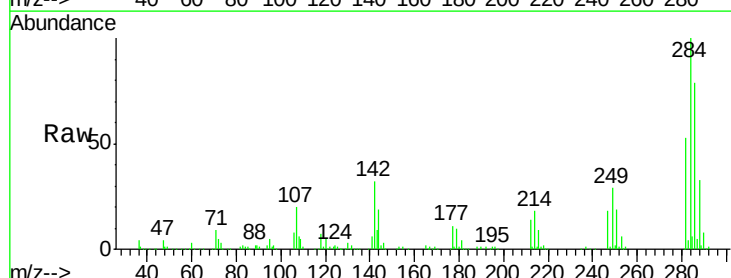


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

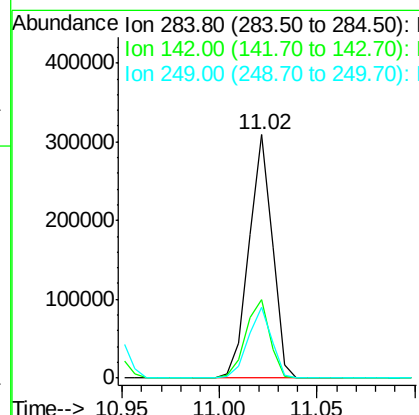
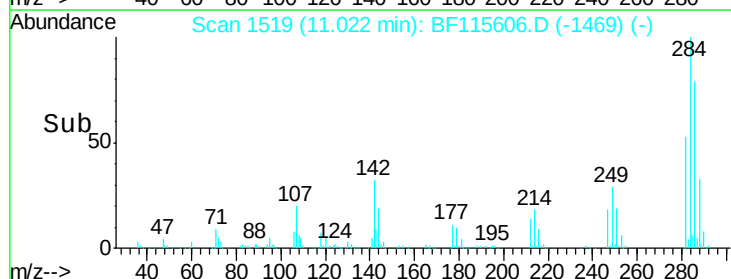


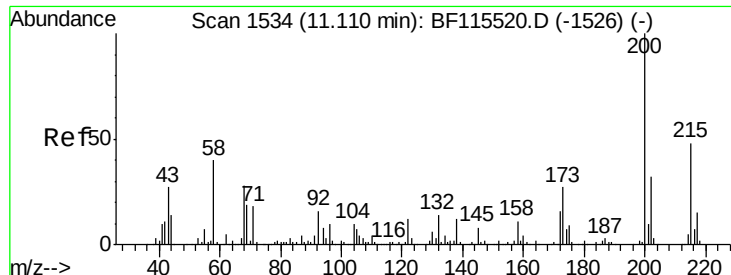
#68
 Hexachlorobenzene
 Concen: 36.409 ng
 RT: 11.02 min Scan# 1519
 Delta R.T. -0.01 min
 Lab File: BF115606.D
 Acq: 16 Jul 2019 19:18

Tgt Ion	Ratio	Lower	Upper
284	100		
142	32.4	22.2	33.2
249	29.0	23.4	35.2



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: 41.441 ng

RT: 11.10 min Scan# 1533

Delta R.T. -0.01 min

Lab File: BF115606.D

Acq: 16 Jul 2019 19:18

Instrument :

BNA_F

ClientSampleId :

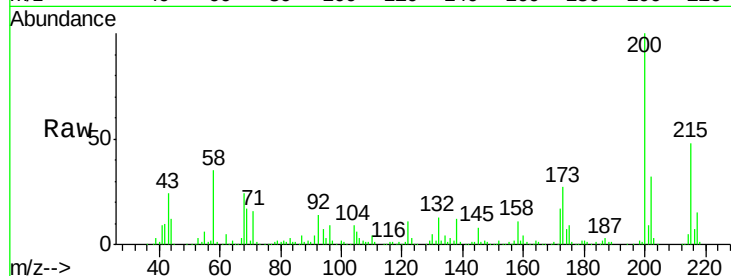
Tot Ion:200 Resp: 228976

Ion Ratio Lower Upper

200 100

173 26.9 6.9 46.9

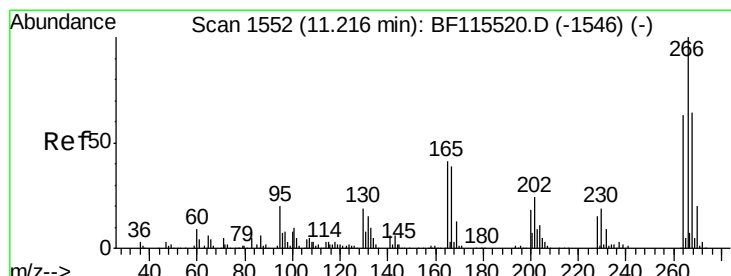
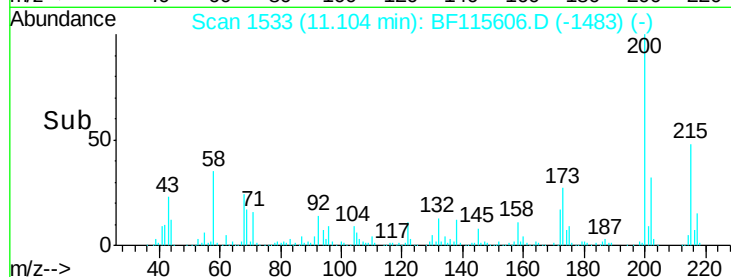
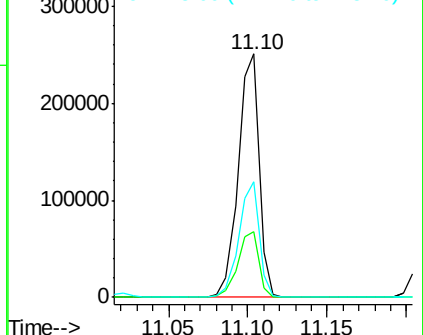
215 47.6 27.9 67.9



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: 60.888 ng

RT: 11.21 min Scan# 1551

Delta R.T. -0.01 min

Lab File: BF115606.D

Acq: 16 Jul 2019 19:18

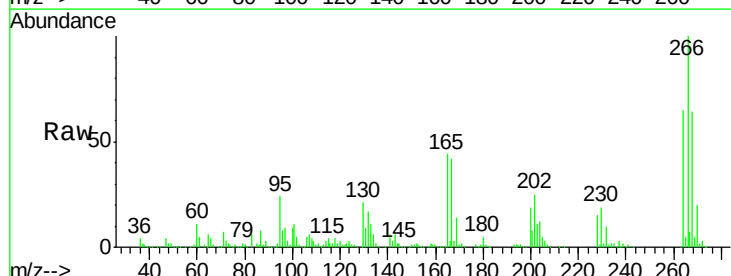
Tgt Ion:266 Resp: 263144

Ion Ratio Lower Upper

266 100

268 63.8 51.6 77.4

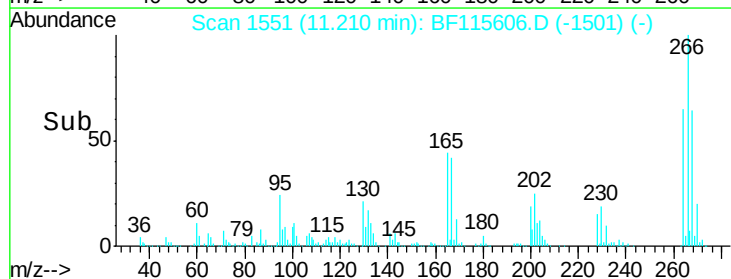
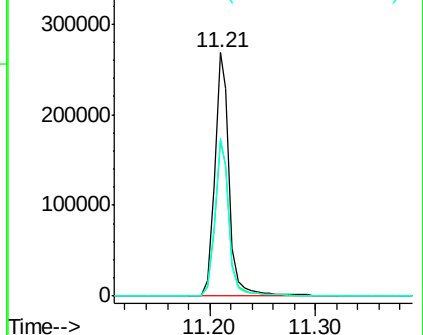
264 64.7 50.6 76.0

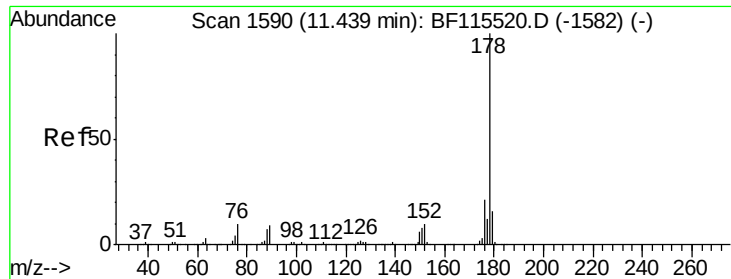


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

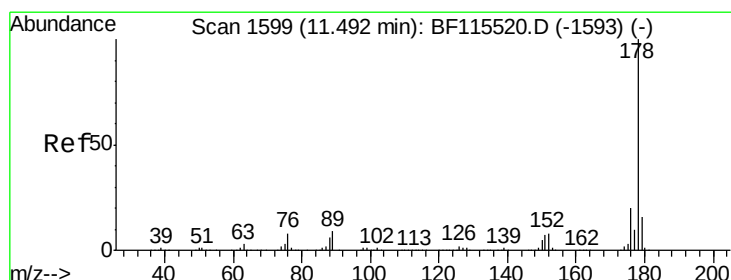
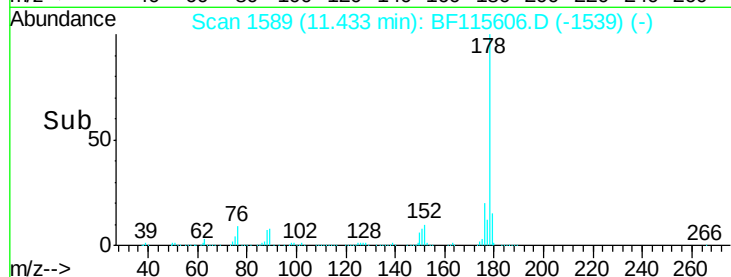
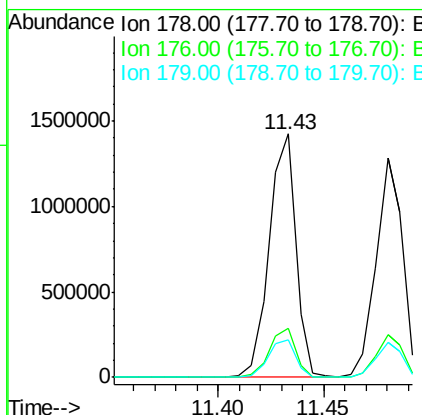
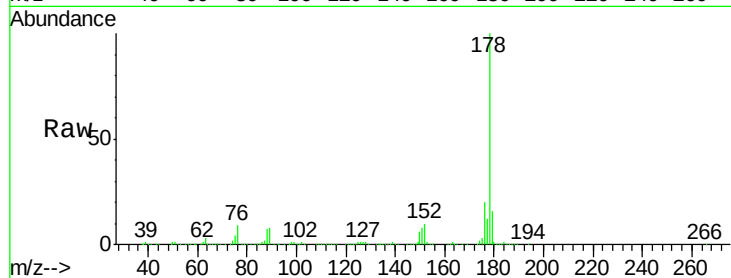




#71
Phenanthrene
Concen: 45.200 ng
RT: 11.43 min Scan# 1589
Delta R.T. -0.01 min
Lab File: BF115606.D
Acq: 16 Jul 2019 19:18

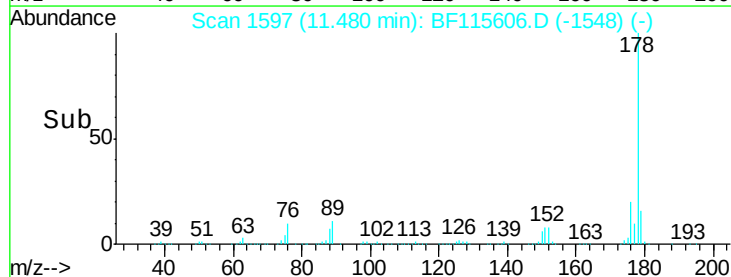
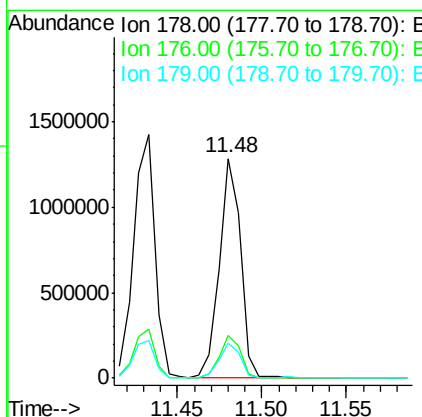
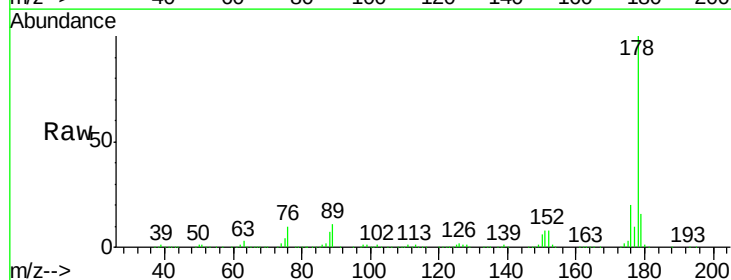
Instrument :
BNA_F
ClientSampleId :

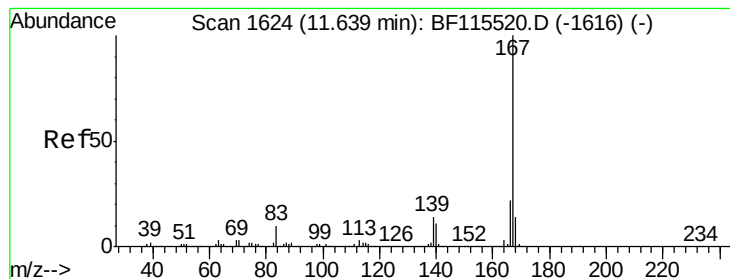
Tot Ion:178 Resp: 1254479
Ion Ratio Lower Upper
178 100
176 20.1 17.2 25.8
179 15.6 13.5 20.3



#72
Anthracene
Concen: 39.496 ng
RT: 11.48 min Scan# 1597
Delta R.T. -0.01 min
Lab File: BF115606.D
Acq: 16 Jul 2019 19:18

Tgt Ion:178 Resp: 1132872
Ion Ratio Lower Upper
178 100
176 19.6 15.9 23.9
179 15.9 12.7 19.1





#73

Carbazole

Concen: 38.815 ng

RT: 11.63 min Scan# 1623

Delta R.T. -0.01 min

Lab File: BF115606.D

Acq: 16 Jul 2019 19:18

Instrument :

BNA_F

ClientSampled :

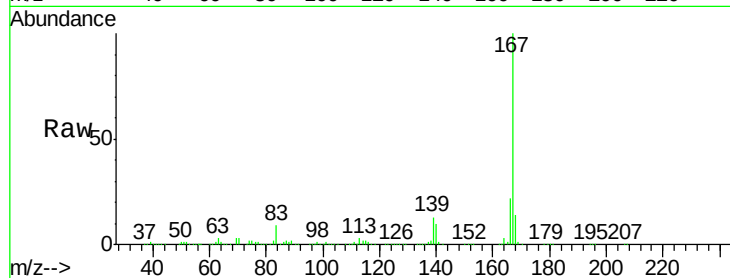
Tot Ion:167 Resp: 976291

Ion Ratio Lower Upper

167 100

166 22.1 18.1 27.1

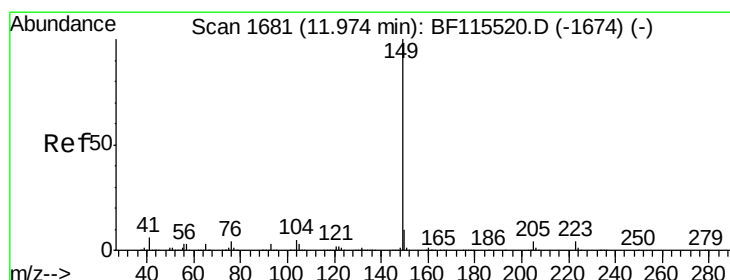
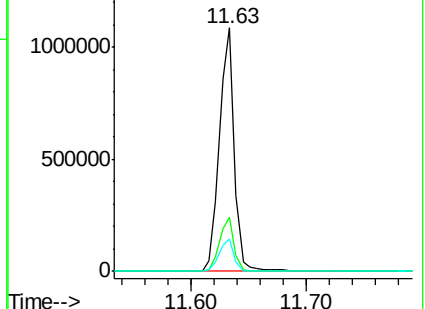
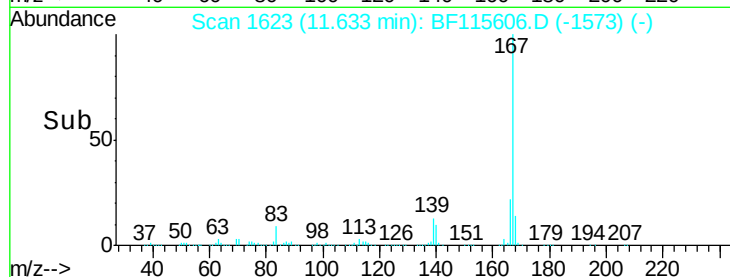
139 13.1 11.3 16.9



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 38.254 ng

RT: 11.96 min Scan# 1679

Delta R.T. -0.01 min

Lab File: BF115606.D

Acq: 16 Jul 2019 19:18

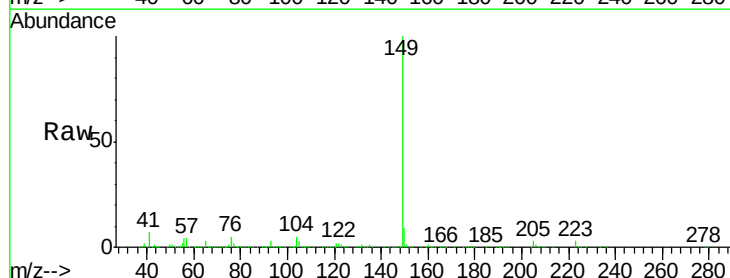
Tgt Ion:149 Resp: 1185187

Ion Ratio Lower Upper

149 100

150 9.4 7.7 11.5

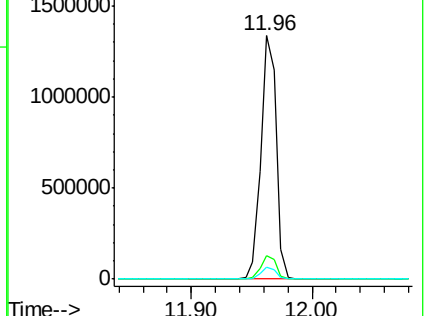
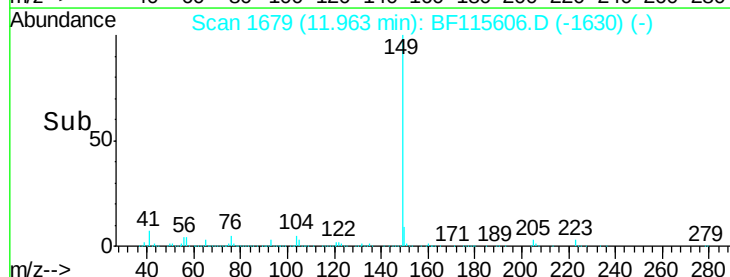
104 5.1 3.8 5.8

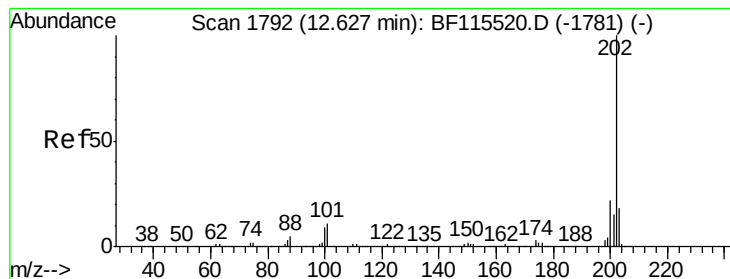


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 46.542 ng

RT: 12.62 min Scan# 1791

Delta R.T. -0.01 min

Lab File: BF115606.D

Acq: 16 Jul 2019 19:18

Instrument :

BNA_F

ClientSampleId :

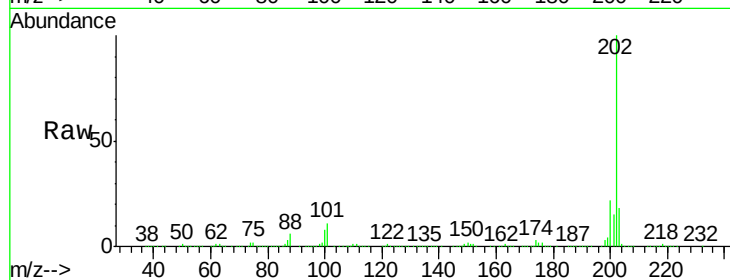
Tot Ion:202 Resp: 1365016

Ion	Ratio	Lower	Upper
202	100		
101	11.1	0.0	31.4
203	17.9	0.0	38.1

202 100

101 11.1 0.0 31.4

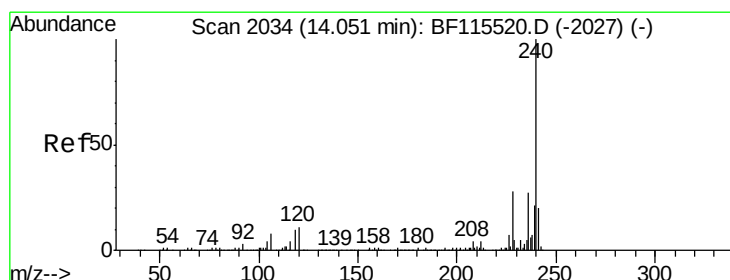
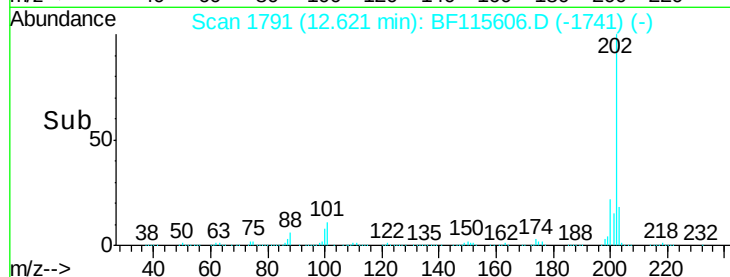
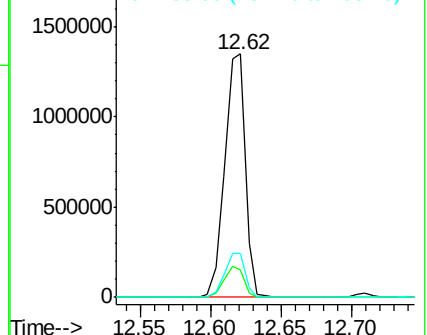
203 17.9 0.0 38.1



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: 14.04 min Scan# 2033

Delta R.T. -0.01 min

Lab File: BF115606.D

Acq: 16 Jul 2019 19:18

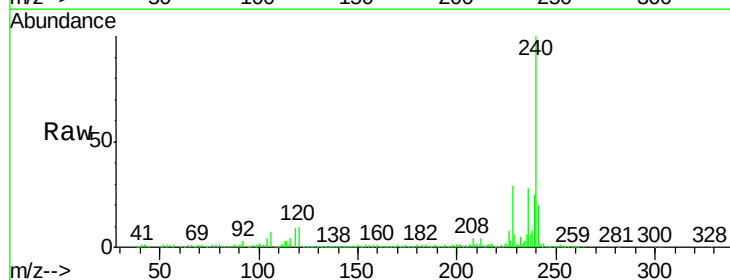
Tgt Ion:240 Resp: 324258

Ion	Ratio	Lower	Upper
240	100		
120	10.4	8.6	13.0
236	27.7	21.3	31.9

240 100

120 10.4 8.6 13.0

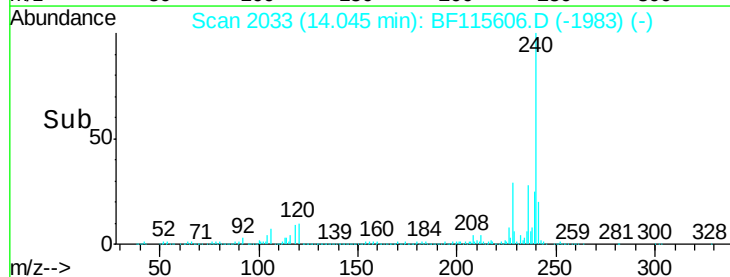
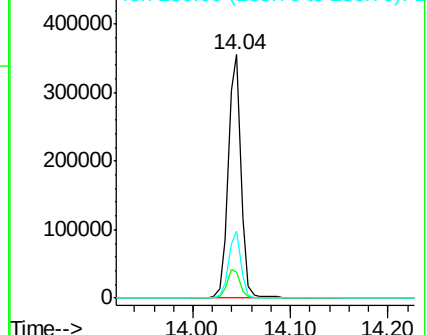
236 27.7 21.3 31.9

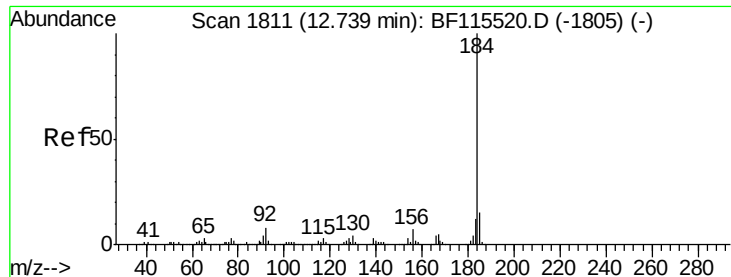


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 35.884 ng

RT: 12.73 min Scan# 1810

Delta R.T. -0.01 min

Lab File: BF115606.D

Acq: 16 Jul 2019 19:18

Instrument :

BNA_F

ClientSampled :

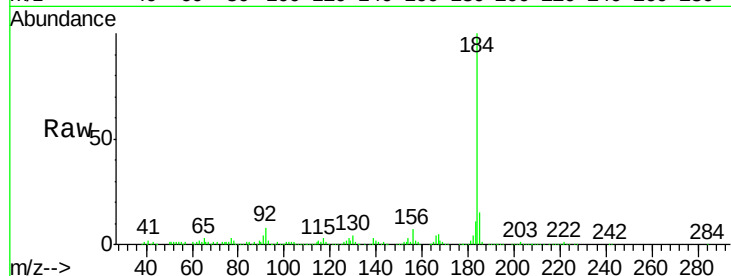
Tot Ion:184 Resp: 412194

Ion Ratio Lower Upper

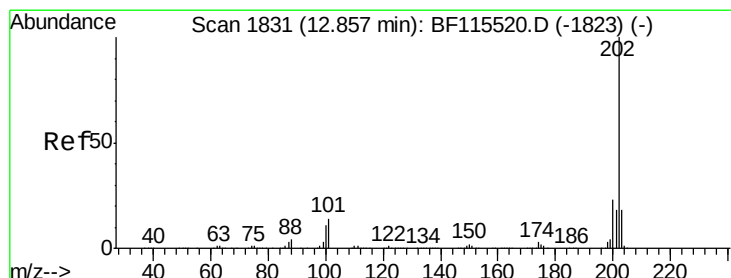
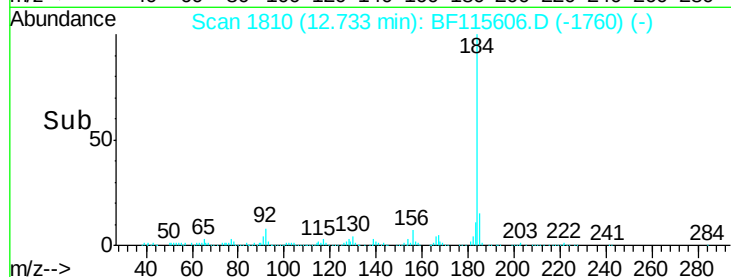
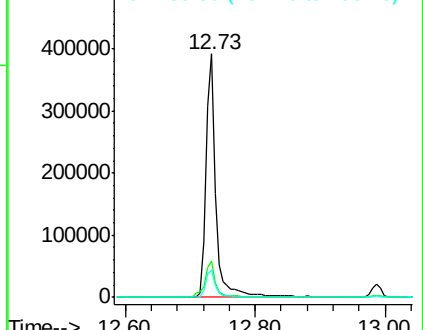
184 100

185 14.8 12.0 18.0

183 11.3 9.3 13.9



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 47.054 ng

RT: 12.84 min Scan# 1829

Delta R.T. -0.01 min

Lab File: BF115606.D

Acq: 16 Jul 2019 19:18

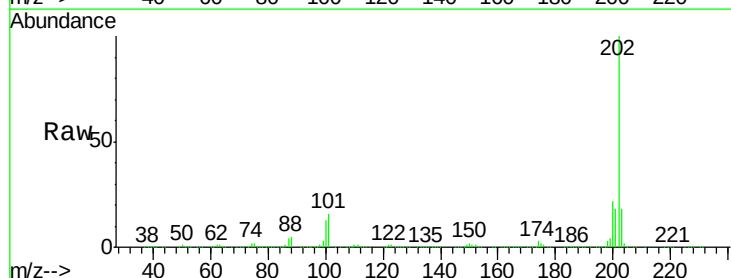
Tgt Ion:202 Resp: 1292685

Ion Ratio Lower Upper

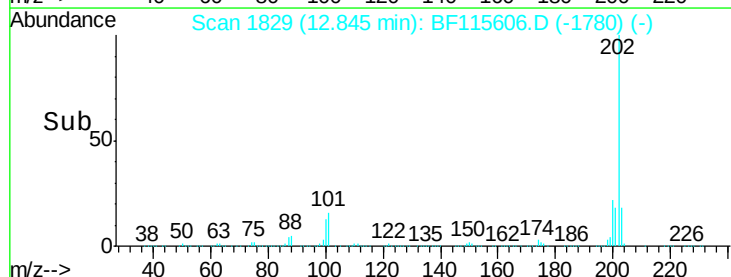
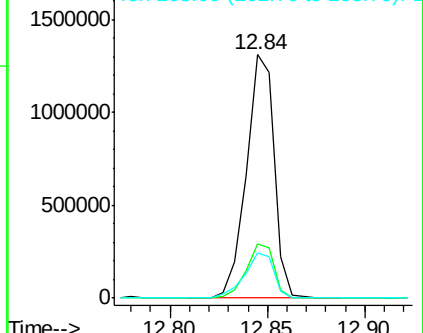
202 100

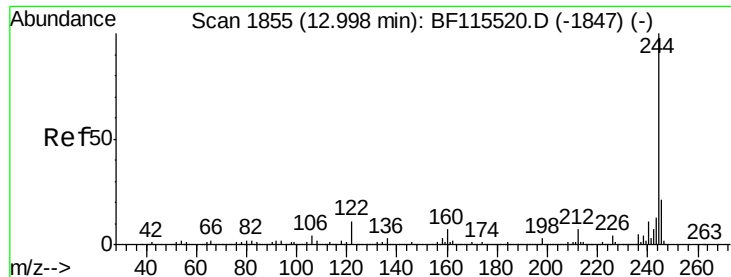
200 22.2 18.7 28.1

203 18.4 15.2 22.8



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 80.031 ng

RT: 12.99 min Scan# 1853

Delta R.T. -0.01 min

Lab File: BF115606.D

Acq: 16 Jul 2019 19:18

Instrument :

BNA_F

ClientSampleId :

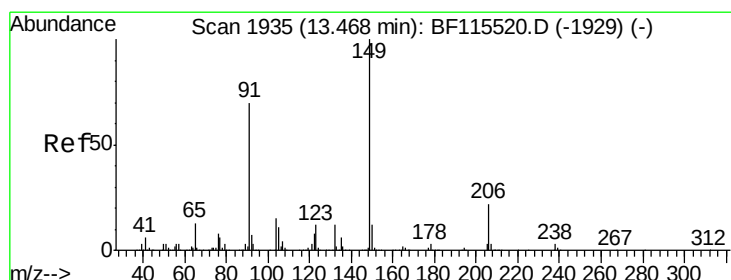
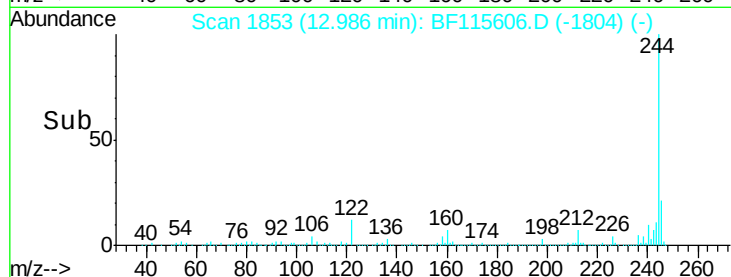
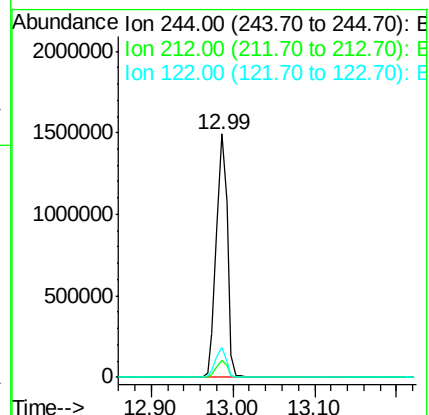
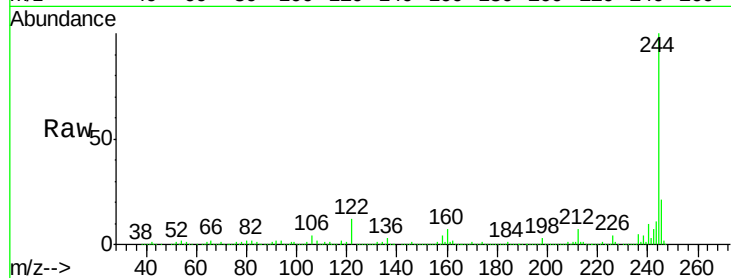
Tot Ion:244 Resp: 1406411

Ion Ratio Lower Upper

244 100

212 7.0 6.0 9.0

122 12.5 8.6 12.8



#80

Butylbenzylphthalate

Concen: 36.645 ng

RT: 13.46 min Scan# 1933

Delta R.T. -0.01 min

Lab File: BF115606.D

Acq: 16 Jul 2019 19:18

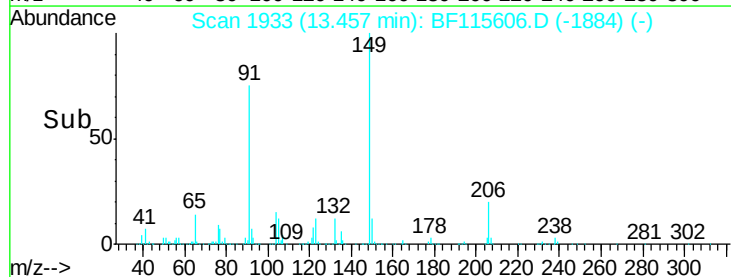
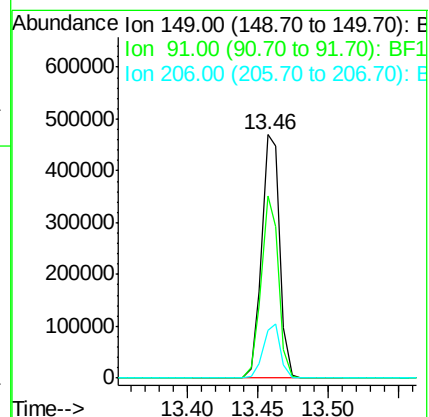
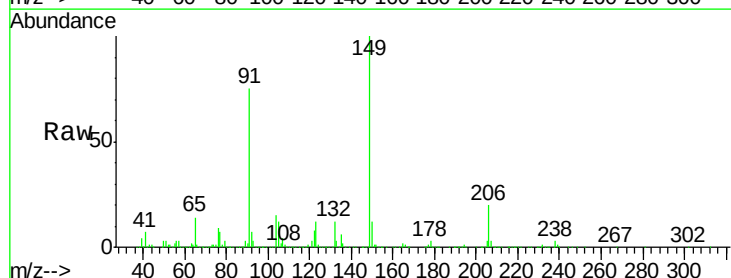
Tgt Ion:149 Resp: 429162

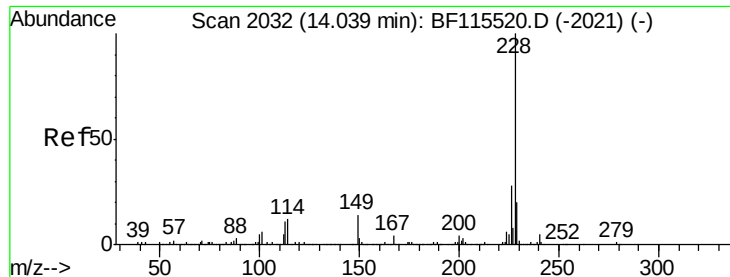
Ion Ratio Lower Upper

149 100

91 75.0 55.8 83.8

206 19.8 18.2 27.2

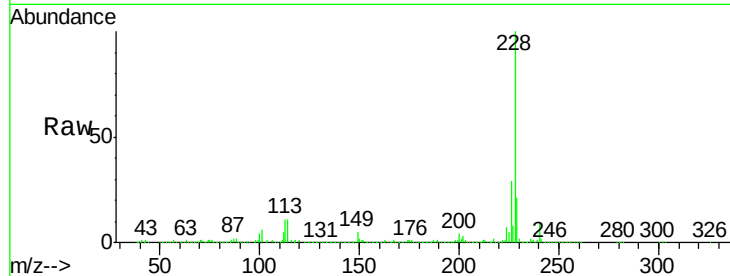




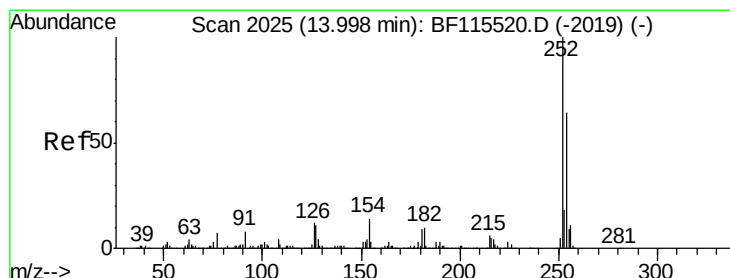
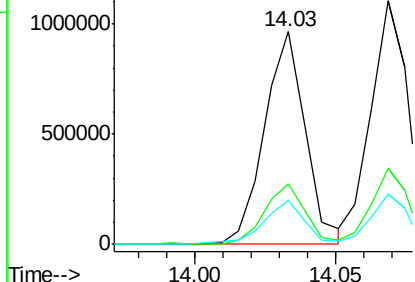
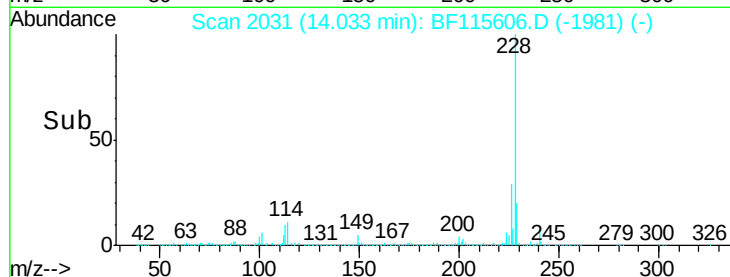
#81
Benzo(a)anthracene
Concen: 45.317 ng
RT: 14.03 min Scan# 2031
Delta R.T. -0.01 min
Lab File: BF115606.D
Acq: 16 Jul 2019 19:18

Instrument :
BNA_F
ClientSampled :

Tot Ion:228 Resp: 968076
Ion Ratio Lower Upper
228 100
226 28.6 23.4 35.0
229 20.6 17.2 25.8

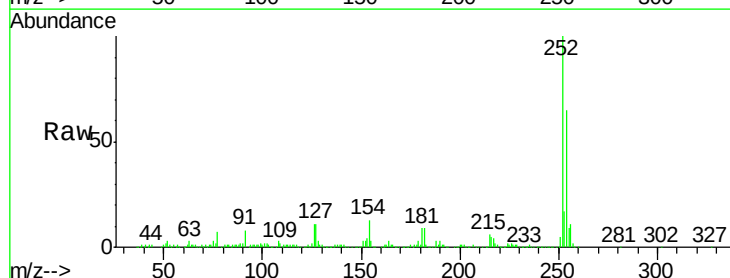


Abundance Ion 228.00 (227.70 to 228.70): E
1500000 Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

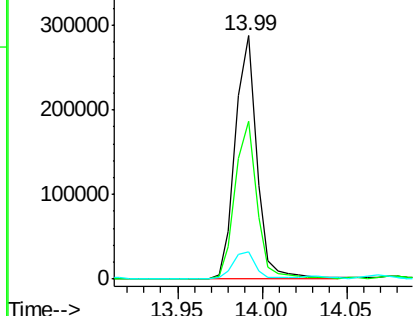
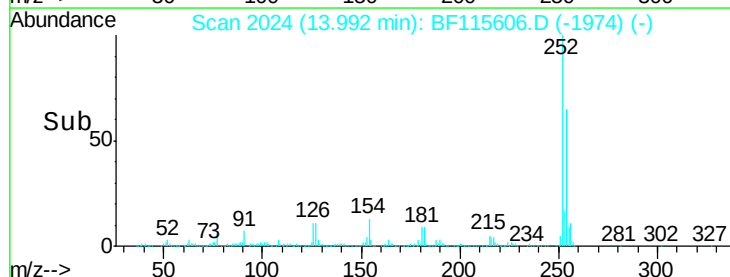


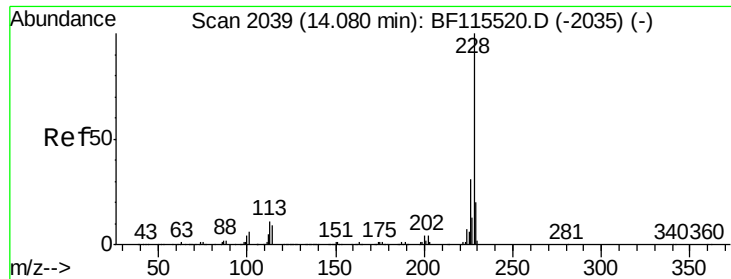
#82
3,3'-Dichlorobenzidine
Concen: 34.038 ng
RT: 13.99 min Scan# 2024
Delta R.T. -0.01 min
Lab File: BF115606.D
Acq: 16 Jul 2019 19:18

Tgt Ion:252 Resp: 258492
Ion Ratio Lower Upper
252 100
254 65.0 52.9 79.3
126 11.0 9.9 14.9



Abundance Ion 252.00 (251.70 to 252.70): E
400000 Ion 254.00 (253.70 to 254.70): E
Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 46.747 ng

RT: 14.07 min Scan# 2037

Delta R.T. -0.01 min

Lab File: BF115606.D

Acq: 16 Jul 2019 19:18

Instrument :

BNA_F

ClientSampled :

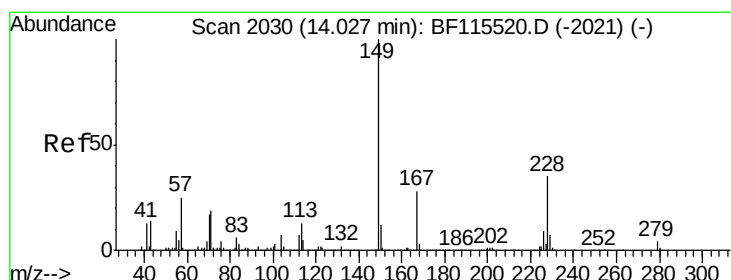
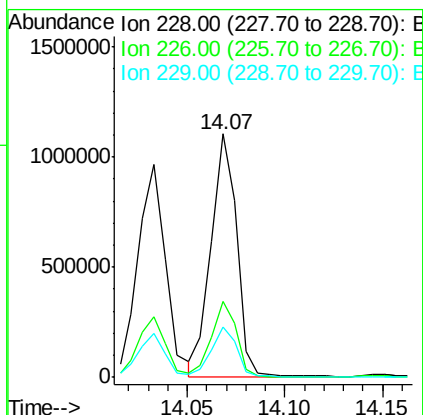
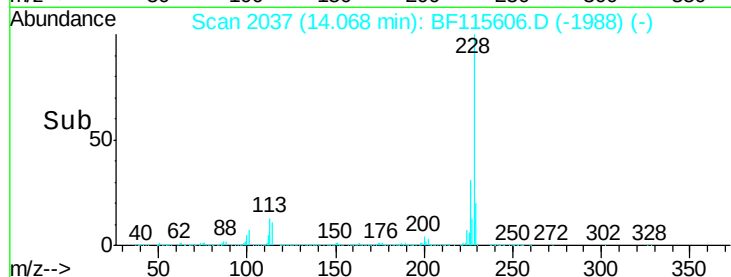
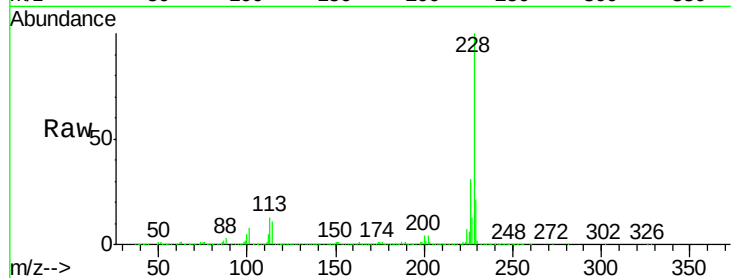
Tot Ion:228 Resp: 1002472

Ion Ratio Lower Upper

228 100

226 31.2 25.7 38.5

229 20.6 16.6 25.0



#84

Bis(2-ethylhexyl)phthalate

Concen: 41.292 ng

RT: 14.02 min Scan# 2029

Delta R.T. -0.01 min

Lab File: BF115606.D

Acq: 16 Jul 2019 19:18

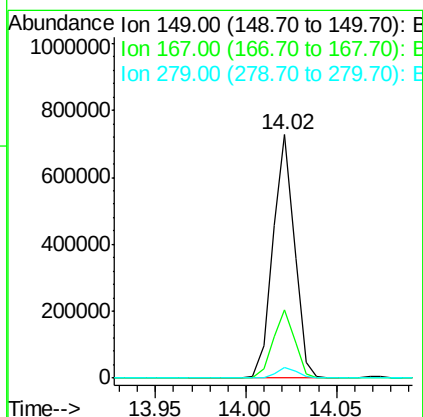
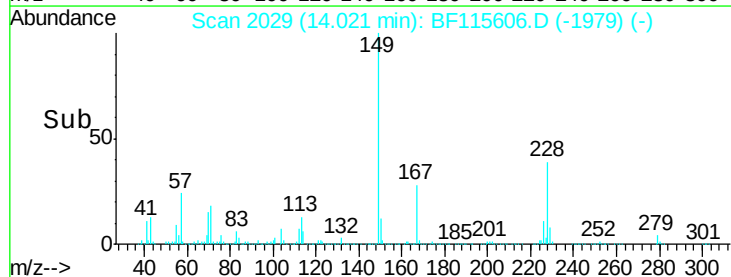
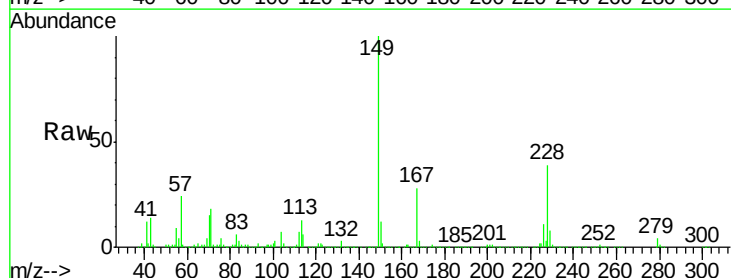
Tgt Ion:149 Resp: 599007

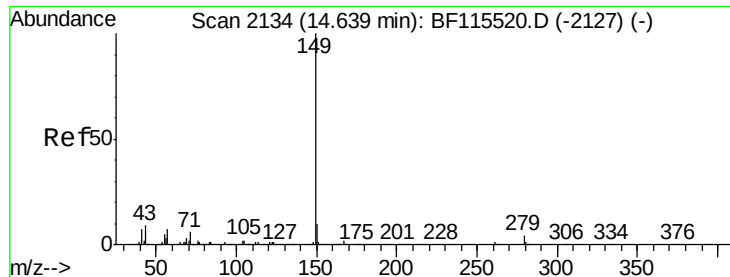
Ion Ratio Lower Upper

149 100

167 27.9 23.0 34.4

279 4.2 4.2 6.2





#85

Di-n-octyl phthalate

Concen: 45.538 ng

RT: 14.63 min Scan# 2133

Delta R.T. -0.01 min

Lab File: BF115606.D

Acq: 16 Jul 2019 19:18

Instrument :

BNA_F

ClientSampled :

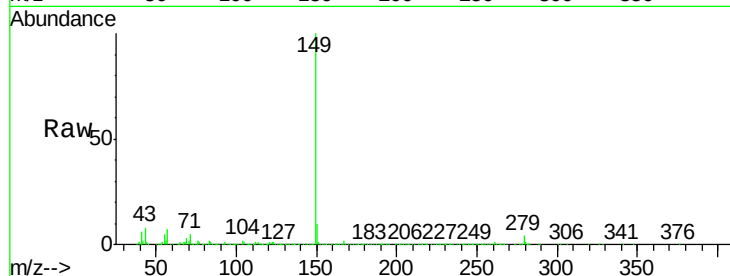
Tot Ion:149 Resp: 1051076

Ion Ratio Lower Upper

149 100

167 1.6 1.4 2.0

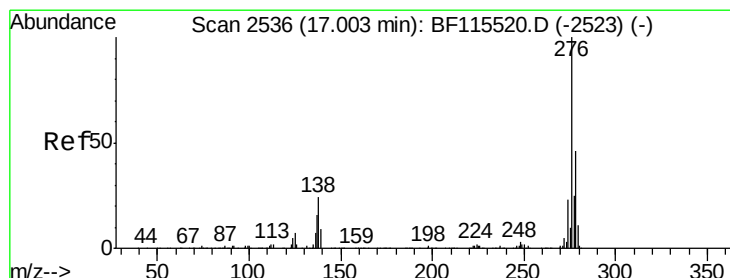
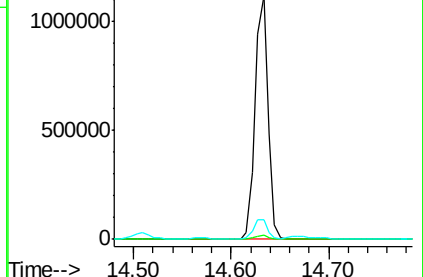
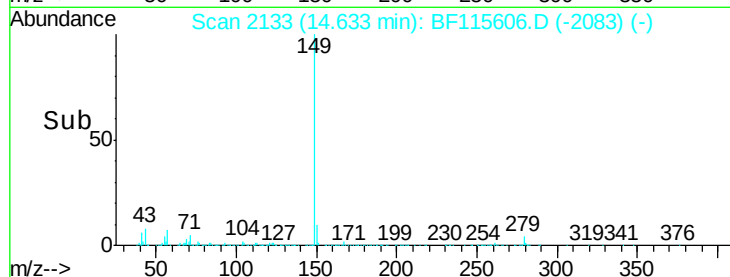
43 8.3 7.2 10.8



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: 52.381 ng

RT: 16.99 min Scan# 2534

Delta R.T. -0.01 min

Lab File: BF115606.D

Acq: 16 Jul 2019 19:18

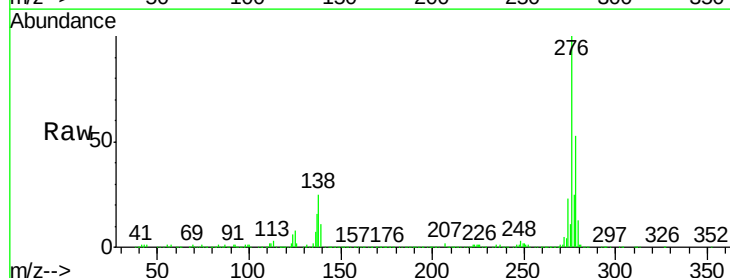
Tgt Ion:276 Resp: 954324

Ion Ratio Lower Upper

276 100

138 25.9 20.2 30.2

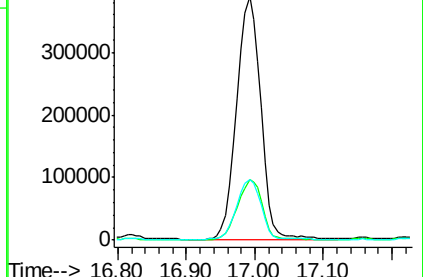
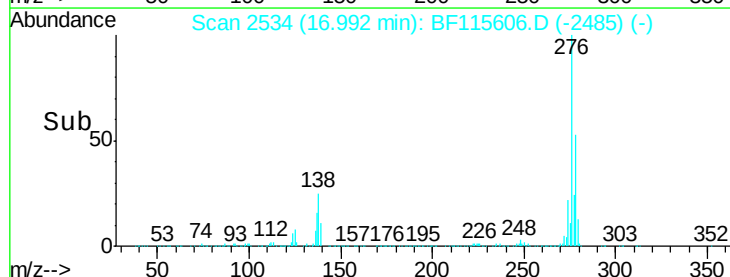
277 25.2 20.4 30.6

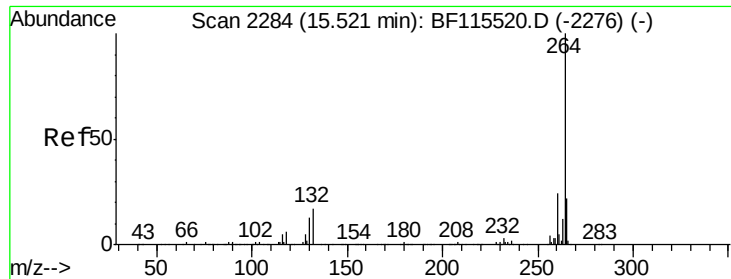


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



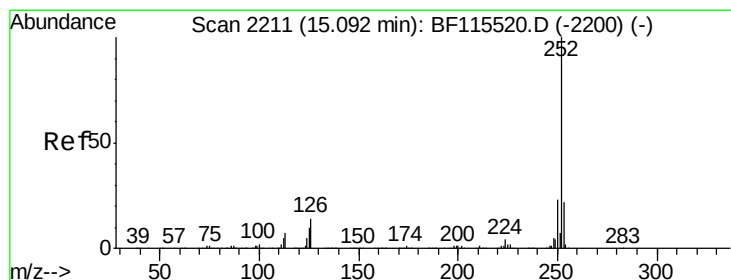
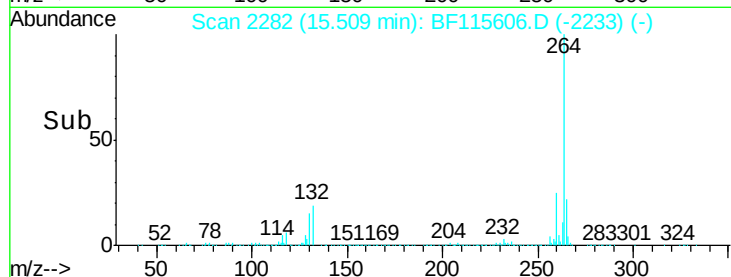
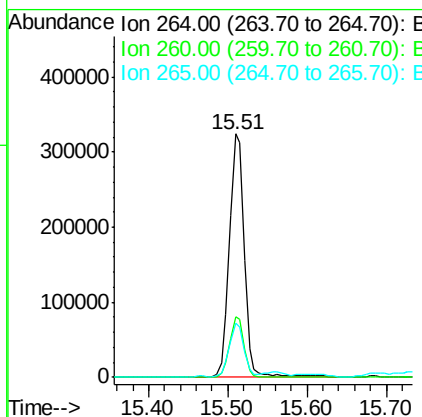
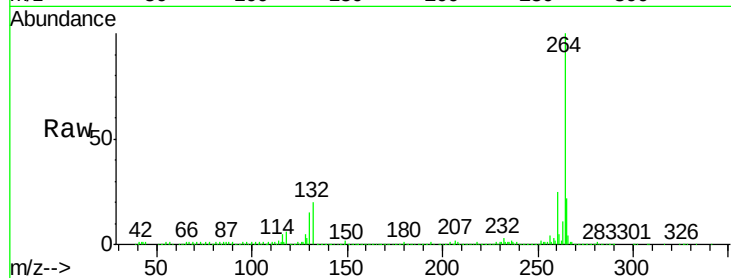


#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.51 min Scan# 2282
Delta R.T. -0.01 min
Lab File: BF115606.D
Acq: 16 Jul 2019 19:18

Instrument :
BNA_F
ClientSampleId :

Tot Ion:264 Resp: 422084

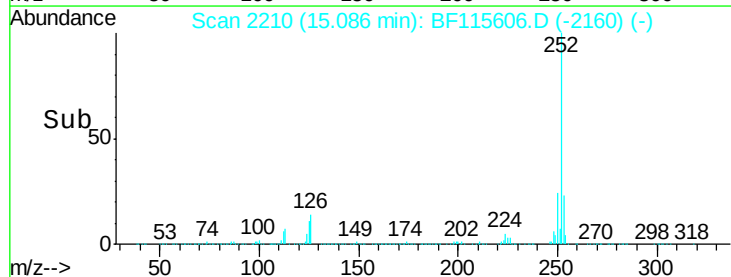
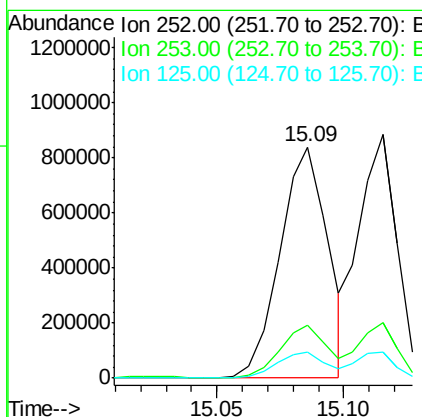
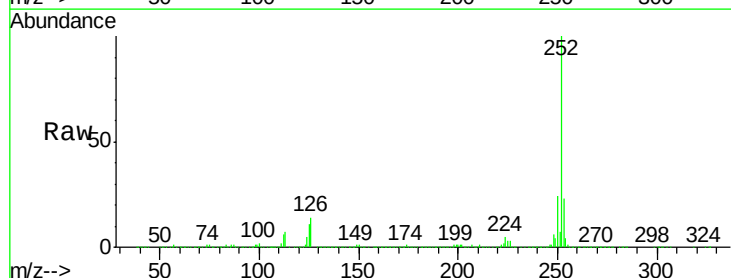
Ion	Ratio	Lower	Upper
264	100		
260	24.9	19.8	29.8
265	22.3	17.7	26.5

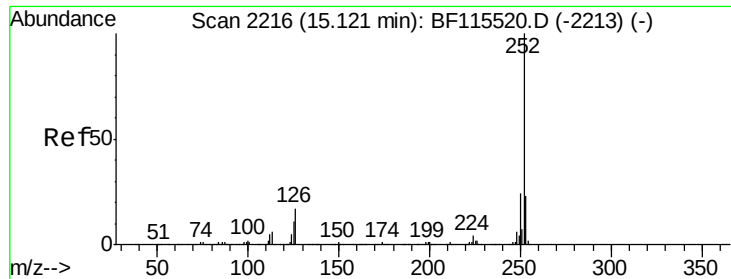


#88
Benzo(b)fluoranthene
Concen: 40.346 ng
RT: 15.09 min Scan# 2210
Delta R.T. -0.01 min
Lab File: BF115606.D
Acq: 16 Jul 2019 19:18

Tgt Ion:252 Resp: 1096545

Ion	Ratio	Lower	Upper
252	100		
253	22.6	18.1	27.1
125	11.0	9.0	13.4

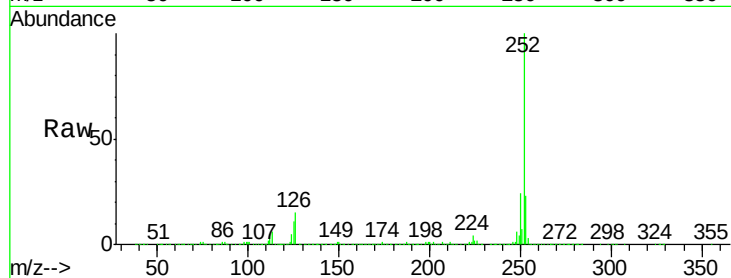




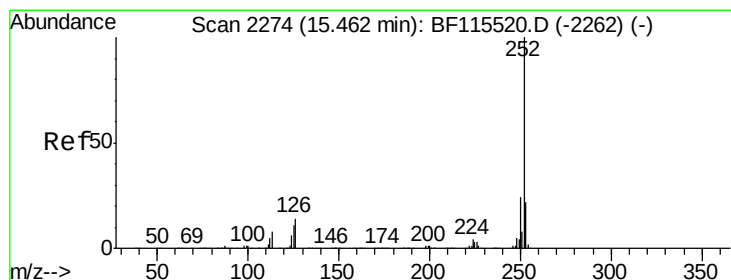
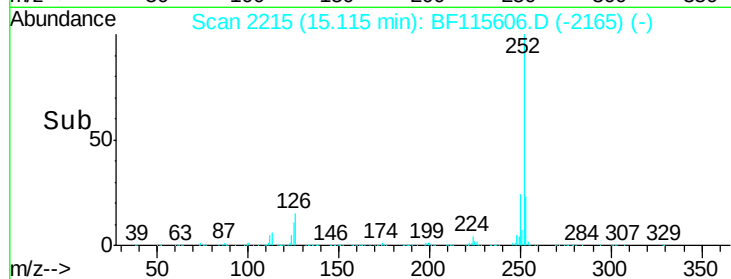
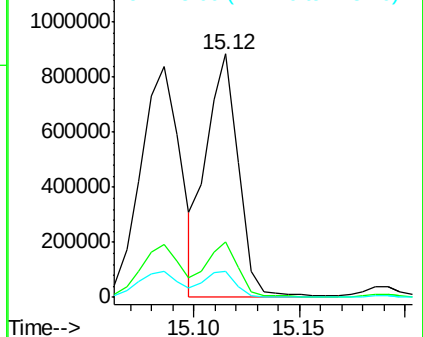
#89
Benzo(k)fluoranthene
Concen: 38.677 ng
RT: 15.12 min Scan# 2215
Delta R.T. -0.01 min
Lab File: BF115606.D
Acq: 16 Jul 2019 19:18

Instrument :
BNA_F
ClientSampled :

Tot Ion:252 Resp: 937199
Ion Ratio Lower Upper
252 100
253 22.9 18.6 28.0
125 10.8 9.0 13.6

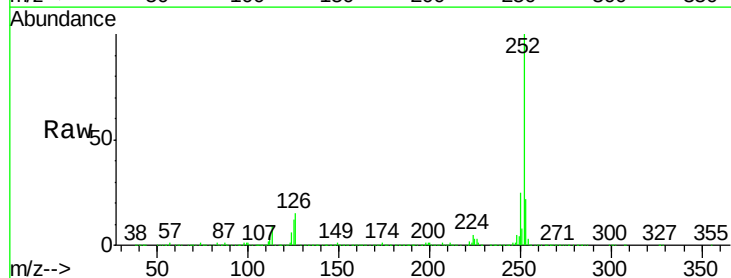


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

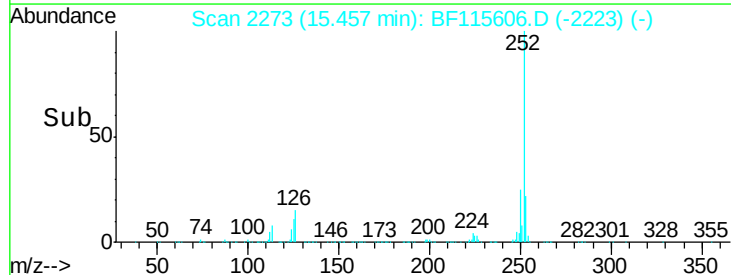
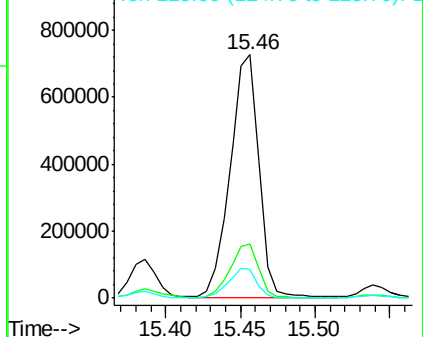


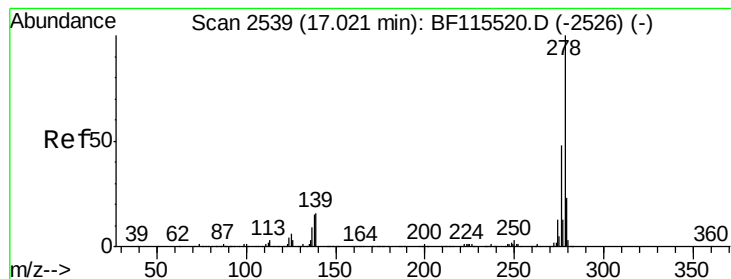
#90
Benzo(a)pyrene
Concen: 42.107 ng
RT: 15.46 min Scan# 2273
Delta R.T. -0.01 min
Lab File: BF115606.D
Acq: 16 Jul 2019 19:18

Tgt Ion:252 Resp: 983614
Ion Ratio Lower Upper
252 100
253 22.3 17.8 26.6
125 11.8 9.1 13.7



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





#91

Dibenzo(a,h)anthracene

Concen: 34.859 ng

RT: 17.01 min Scan# 2537

Delta R.T. -0.01 min

Lab File: BF115606.D

Acq: 16 Jul 2019 19:18

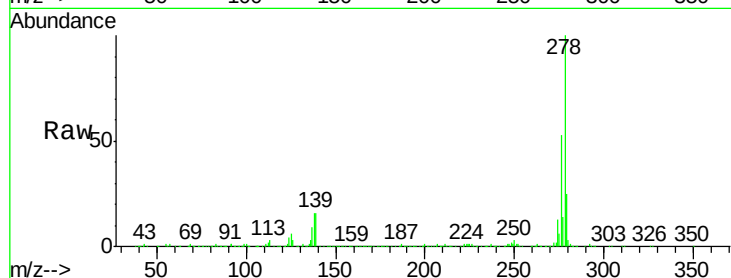
Instrument :

BNA_F

ClientSampleId :

Tot Ion:278 Resp: 714881

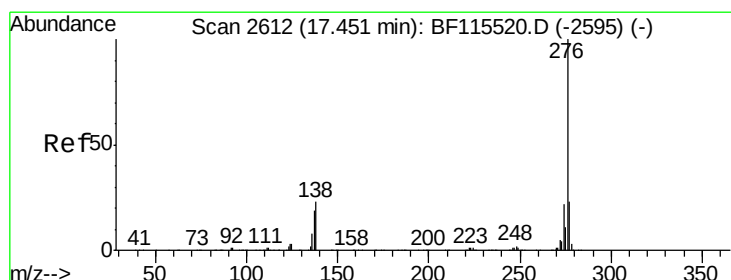
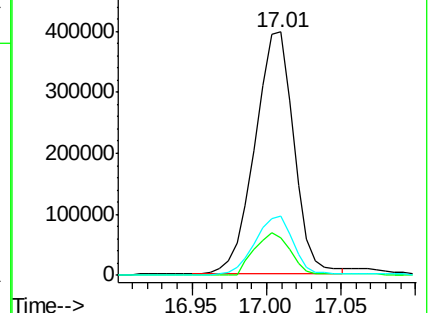
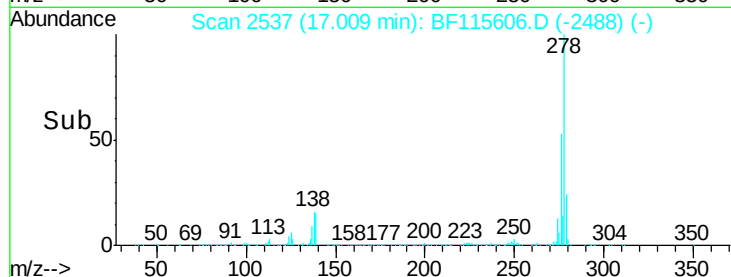
Ion	Ratio	Lower	Upper
278	100		
139	15.5	13.1	19.7
279	24.5	19.6	29.4



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: 37.184 ng

RT: 17.44 min Scan# 2610

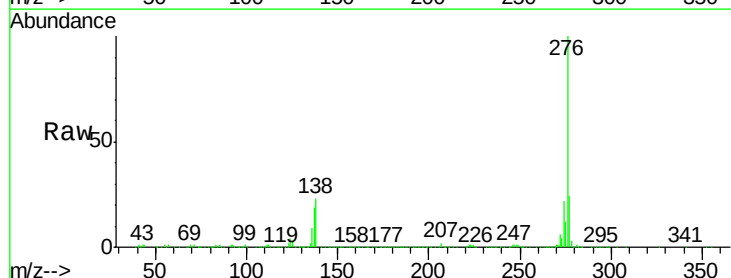
Delta R.T. -0.01 min

Lab File: BF115606.D

Acq: 16 Jul 2019 19:18

Tgt Ion:276 Resp: 760523

Ion	Ratio	Lower	Upper
276	100		
277	24.3	19.0	28.4
138	22.7	17.2	25.8



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

