

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

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 17 03:53:48 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	R.T.	QIon	Response	Conc	Units	Dev(Min)
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	R.T.	QIon	Response	Conc	Units	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

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 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

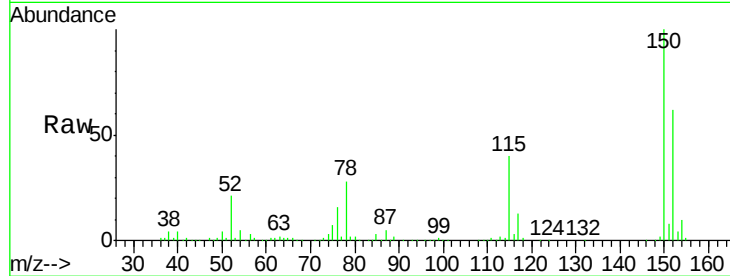


#1

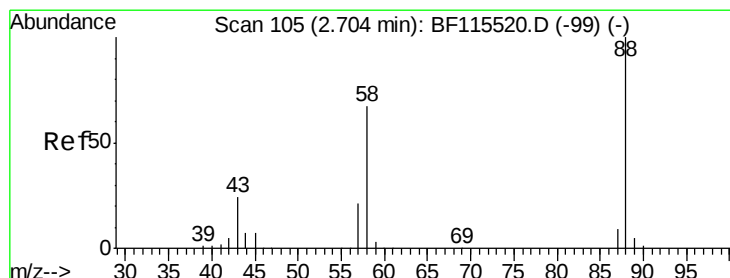
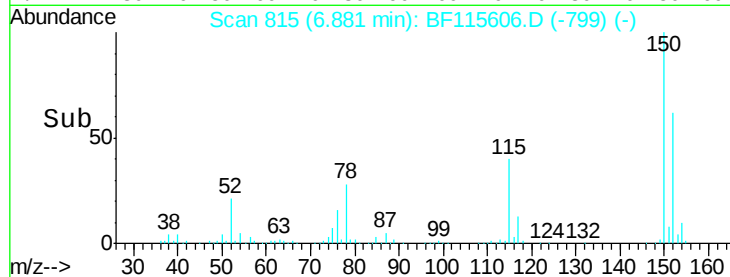
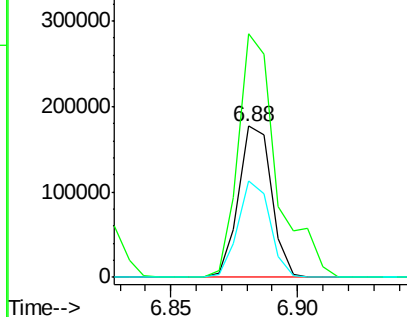
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.88 min Scan# 815
Delta R.T. -0.01 min
Lab File: BF115606.D
Acq: 16 Jul 2019 19:18

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



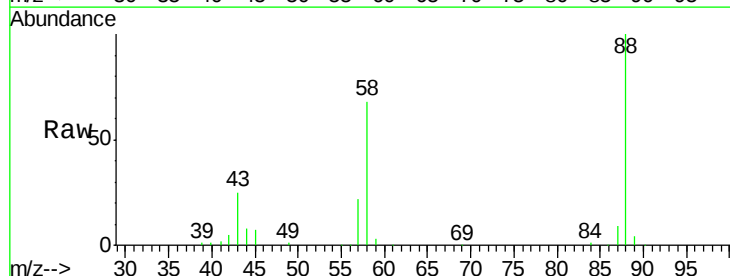
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



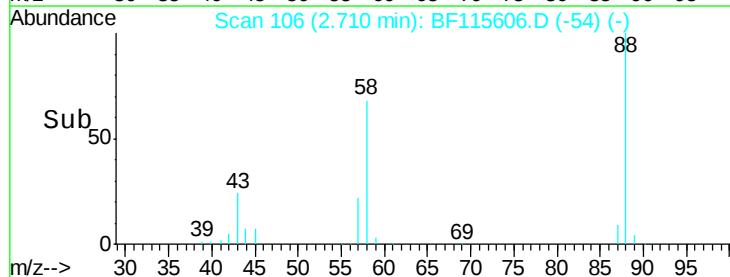
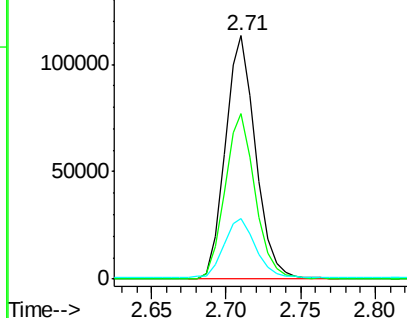
#2

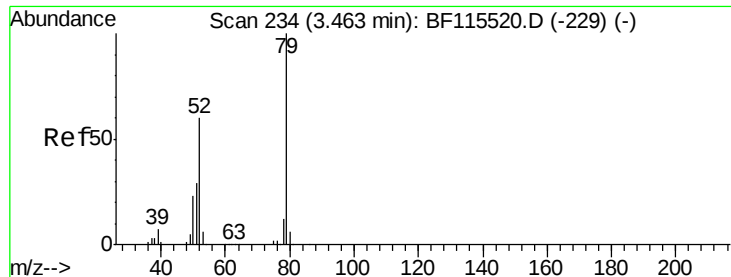
1,4-Dioxane
Concen: 32.998 ng
RT: 2.71 min Scan# 106
Delta R.T. 0.01 min
Lab File: BF115606.D
Acq: 16 Jul 2019 19:18

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 :

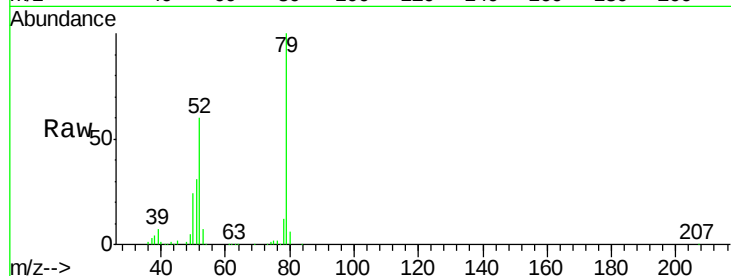
Tot Ion: 79 Resp: 419993

Ion Ratio Lower Upper

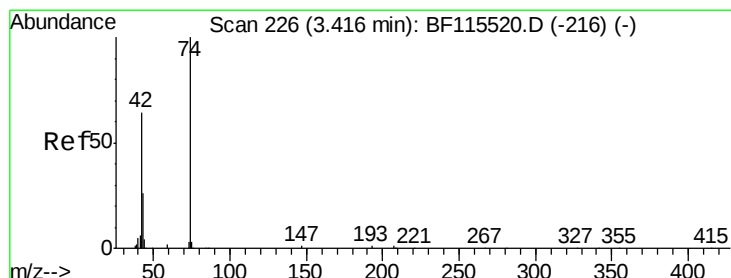
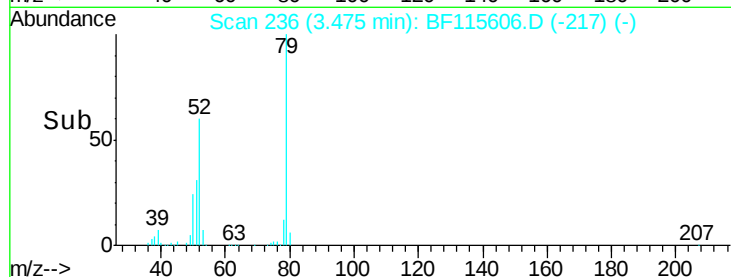
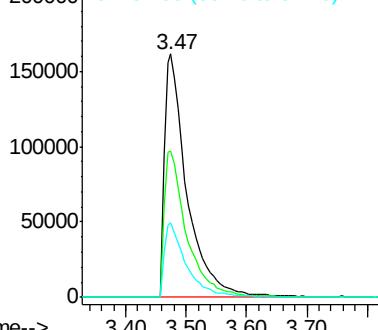
79 100

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

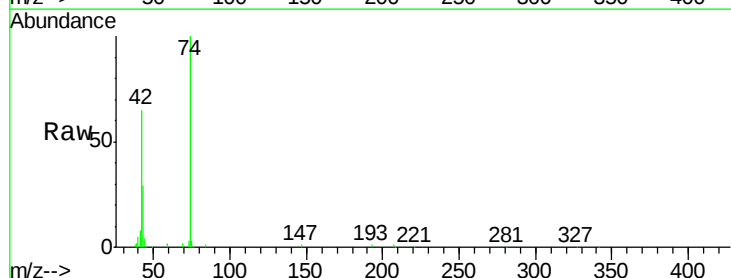
Tgt Ion: 42 Resp: 175126

Ion Ratio Lower Upper

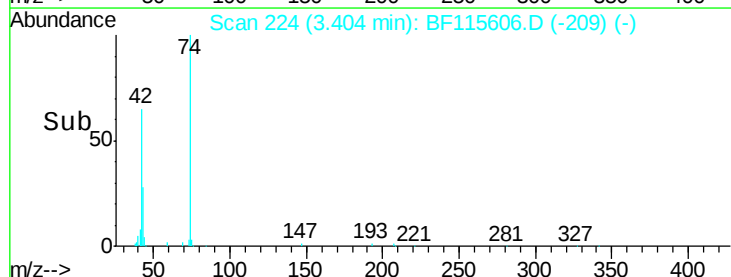
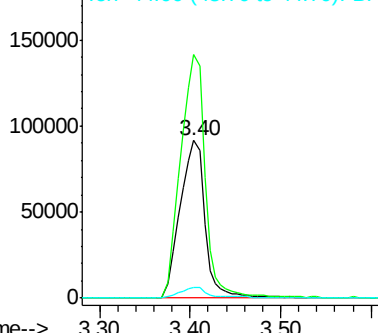
42 100

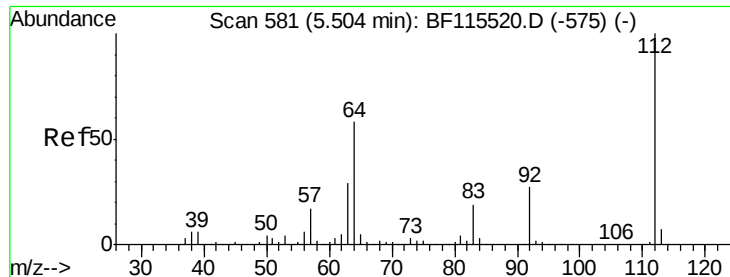
74 154.9 127.5 191.3

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 :

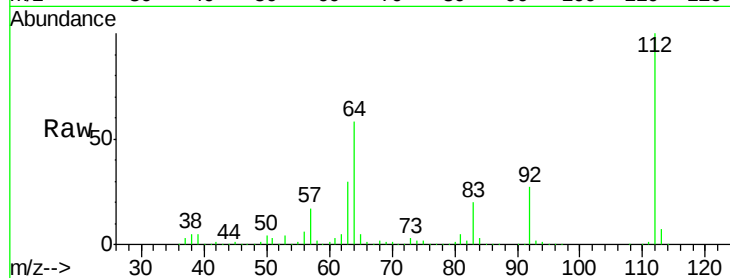
Tot Ion:112 Resp: 1082080

Ion Ratio Lower Upper

112 100

64 58.0 46.8 70.2

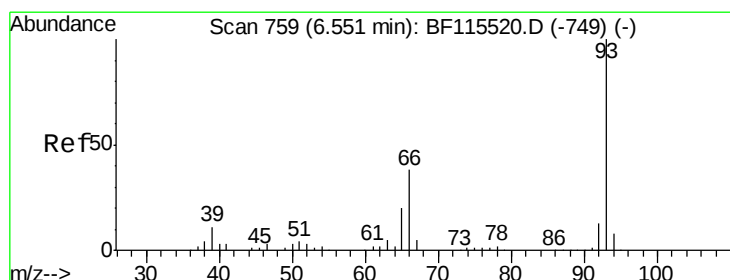
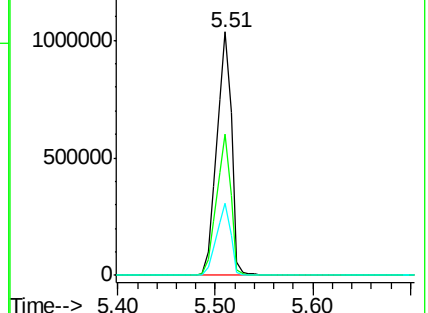
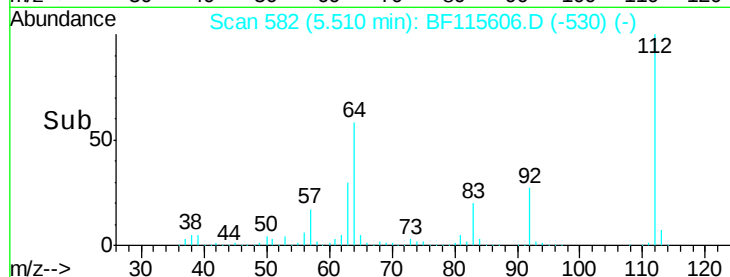
63 29.6 24.1 36.1



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

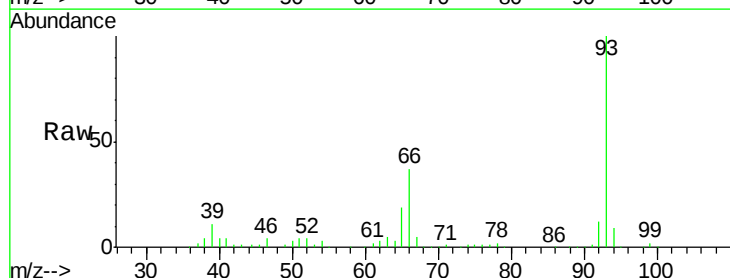
Tgt Ion: 93 Resp: 348530

Ion Ratio Lower Upper

93 100

66 37.4 31.7 47.5

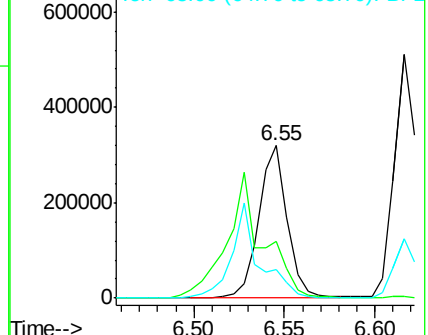
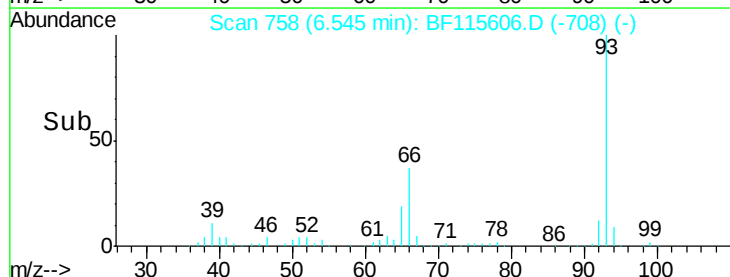
65 19.2 16.2 24.2

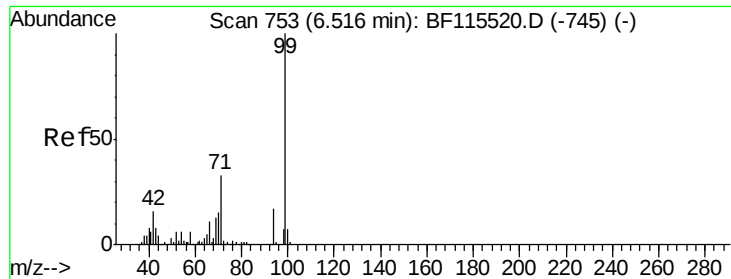


Abundance Ion 93.00 (92.70 to 93.70): BF1

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 :

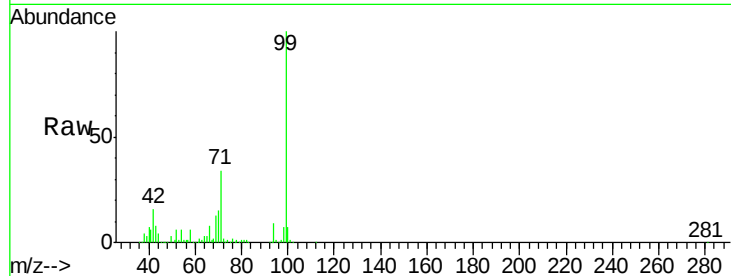
Tot Ion: 99 Resp: 1495583

Ion Ratio Lower Upper

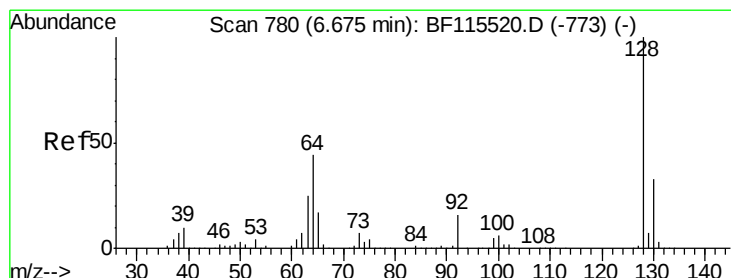
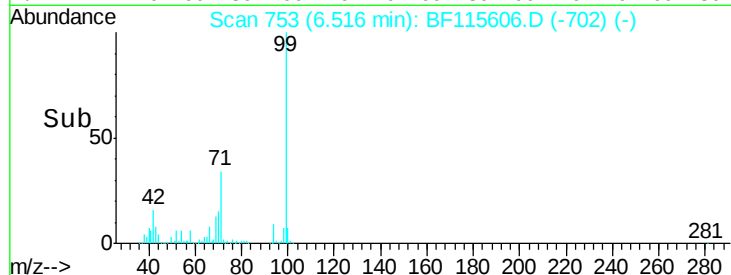
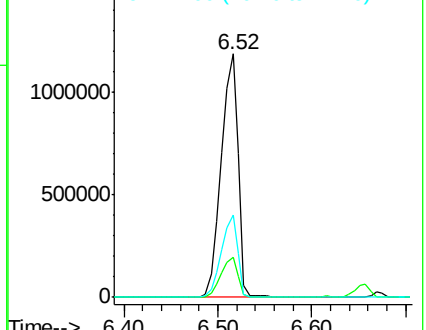
99 100

42 16.2 13.6 20.4

71 33.6 28.5 42.7



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



#8

2-Chlorophenol

Concen: 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

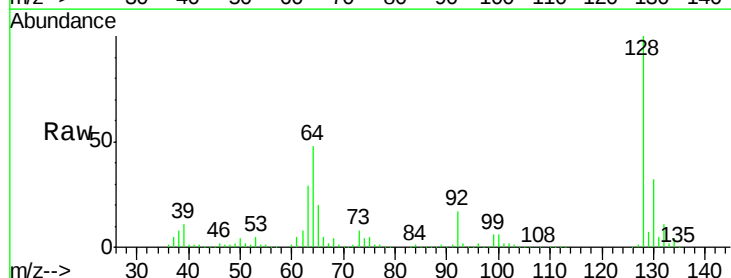
Tgt Ion: 128 Resp: 427886

Ion Ratio Lower Upper

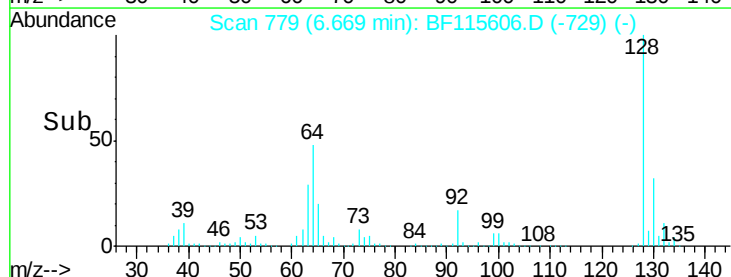
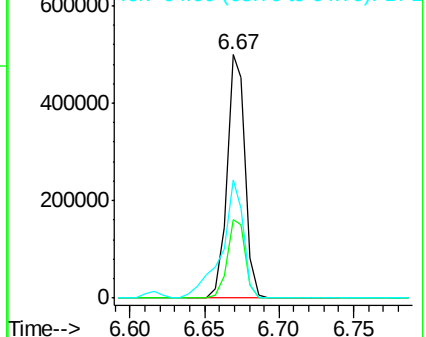
128 100

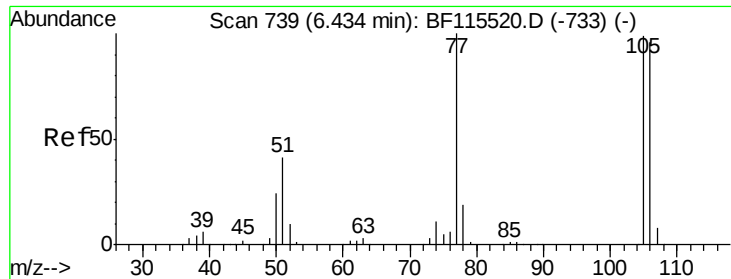
130 32.3 12.8 52.8

64 48.5 26.8 66.8



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 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

ClientSampled :

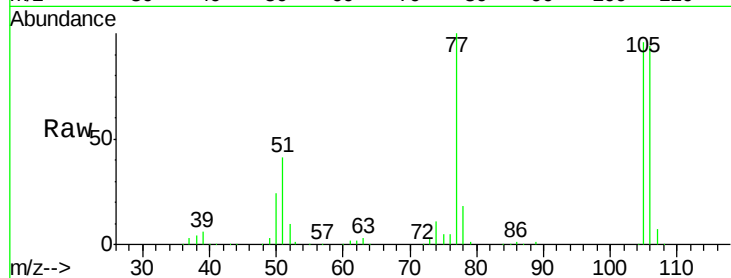
Tot Ion: 77 Resp: 216127

Ion Ratio Lower Upper

77 100

105 95.7 78.8 118.8

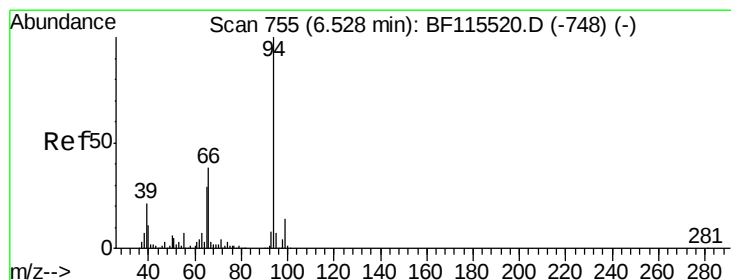
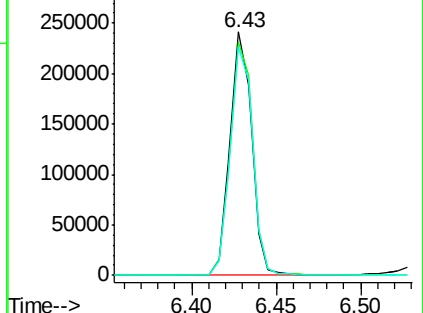
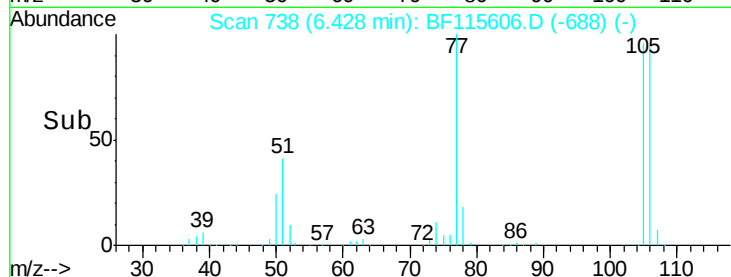
106 93.8 75.6 115.6



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 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

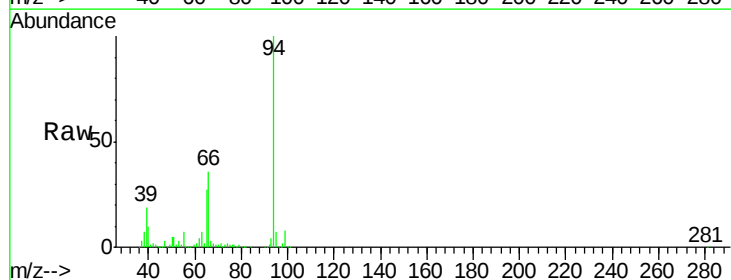
Tgt Ion: 94 Resp: 536678

Ion Ratio Lower Upper

94 100

65 27.2 14.5 54.5

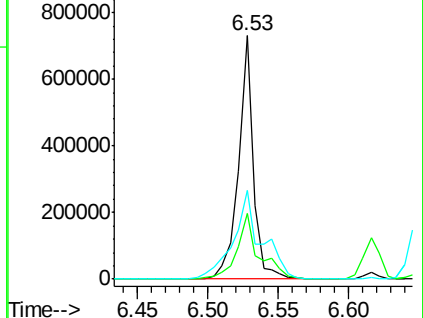
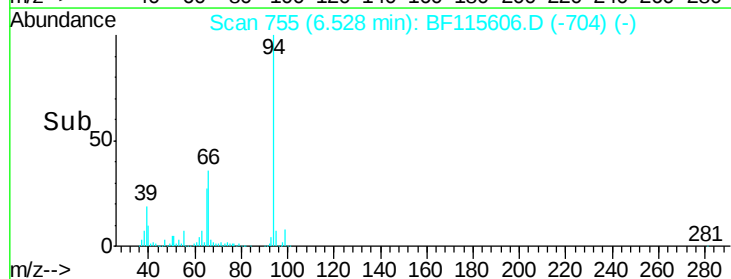
66 36.2 31.3 71.3

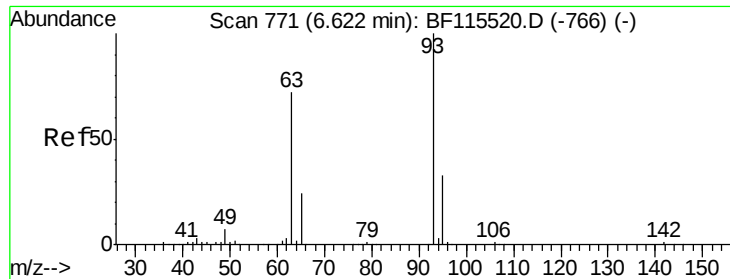


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

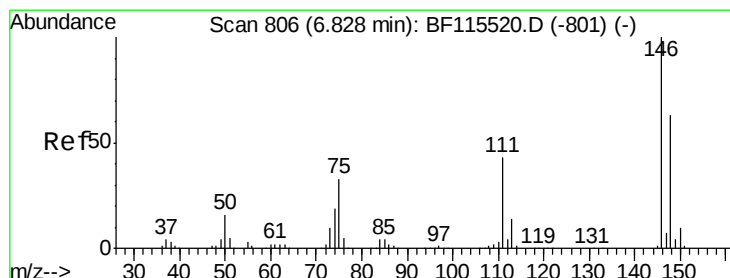
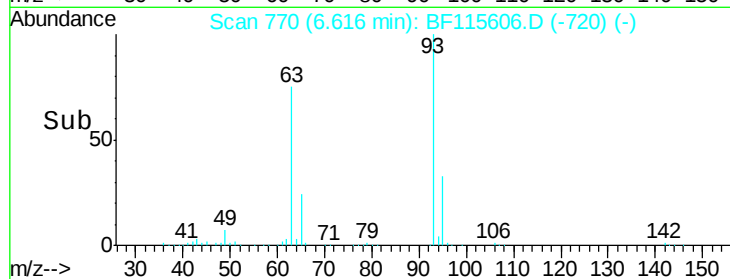
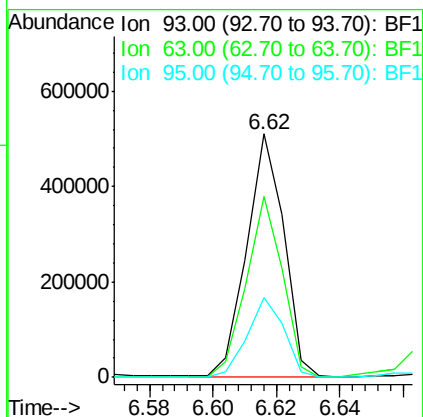
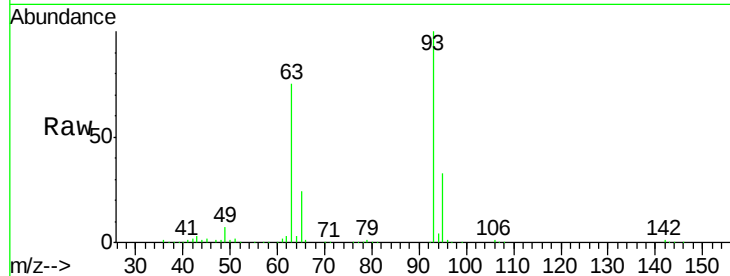




#11
bis(2-Chloroethyl)ether
Concen: 37.551 ng
RT: 6.62 min Scan# 770
Delta R.T. -0.01 min
Lab File: BF115606.D
Acq: 16 Jul 2019 19:18

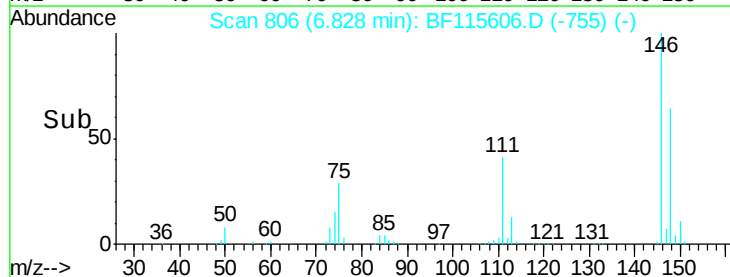
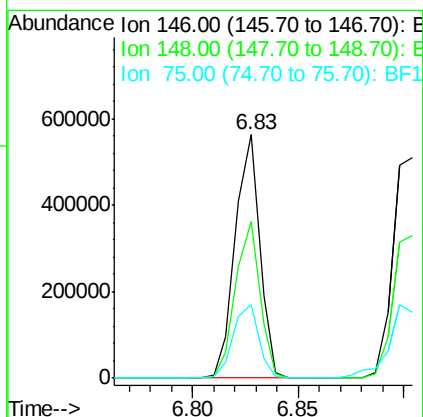
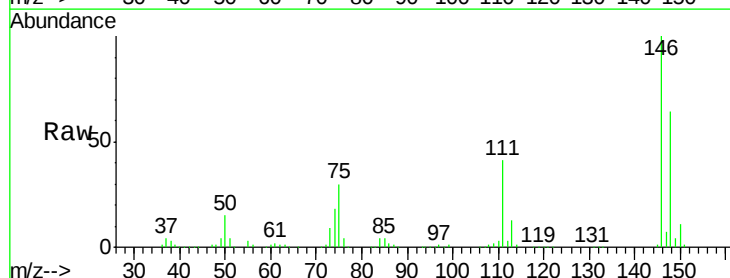
Instrument :
BNA_F
ClientSampleId :

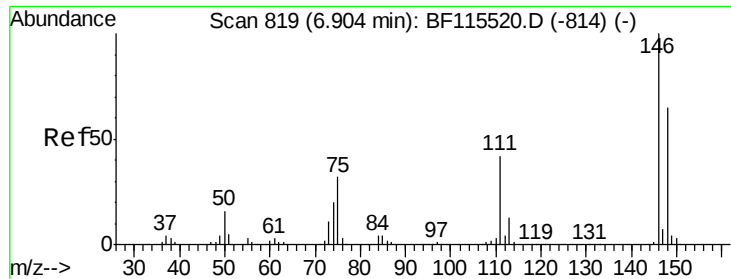
Tot Ion: 93 Resp: 413019
Ion Ratio Lower Upper
93 100
63 74.5 52.2 92.2
95 32.7 12.9 52.9



#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

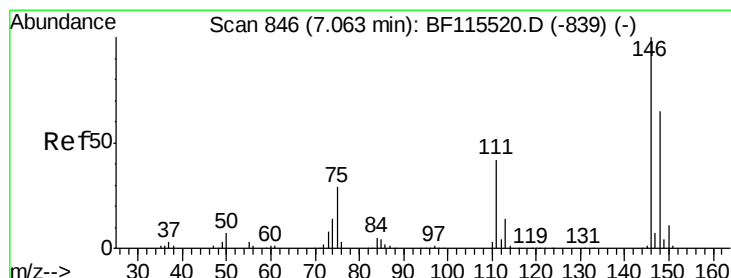
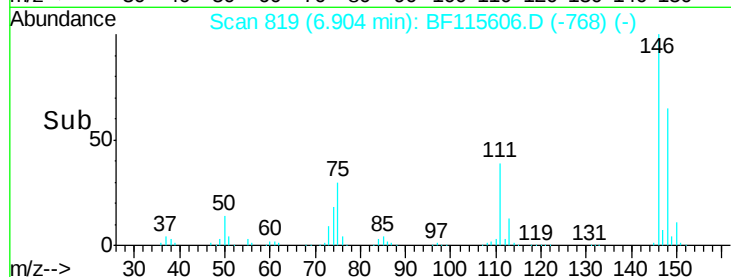
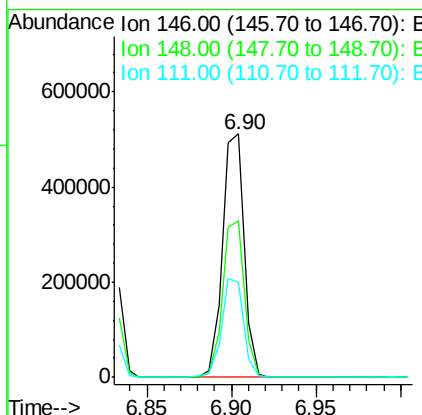
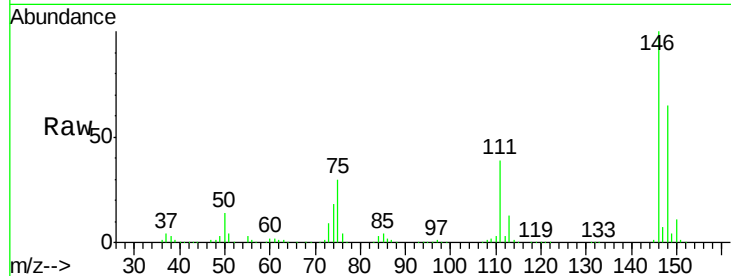




#13
 1,4-Dichlorobenzene
 Concen: 36.177 ng
 RT: 6.90 min Scan# 819
 Delta R.T. -0.00 min
 Lab File: BF115606.D
 Acq: 16 Jul 2019 19:18

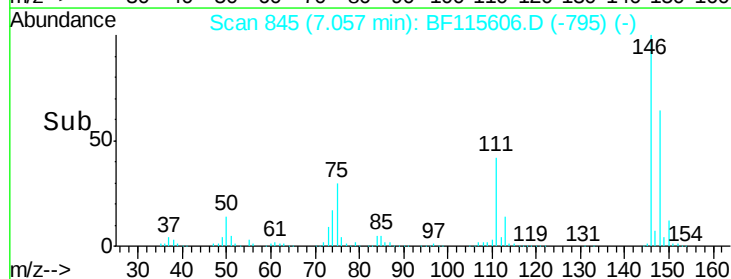
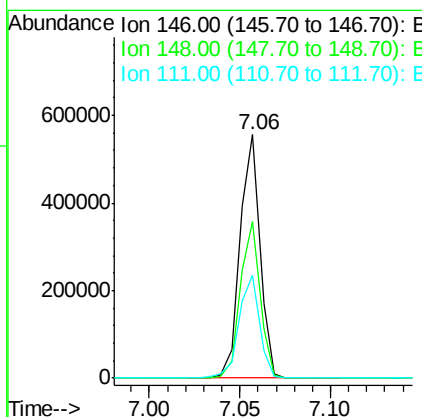
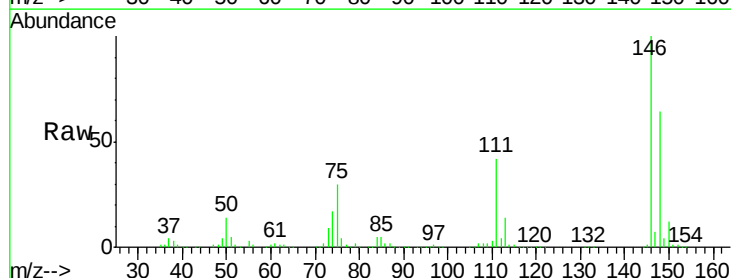
Instrument :
 BNA_F
 ClientSampleId :

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 :

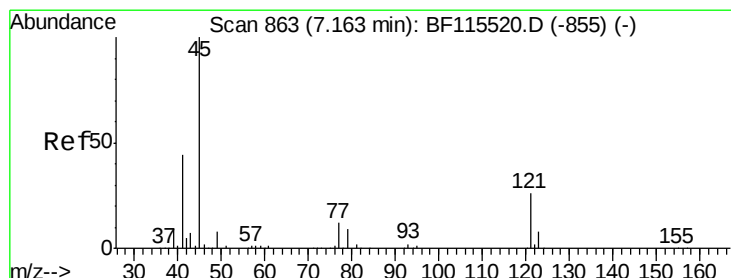
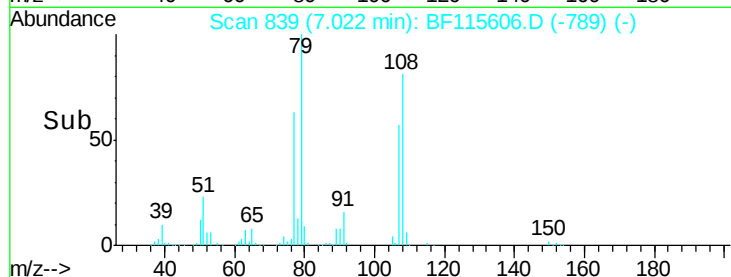
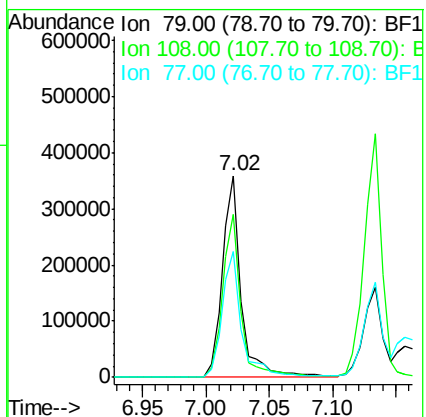
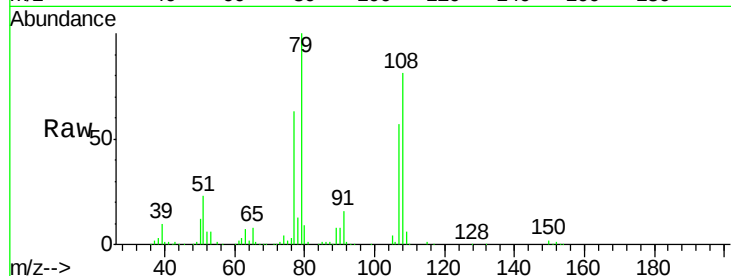
Tot Ion: 79 Resp: 374369

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

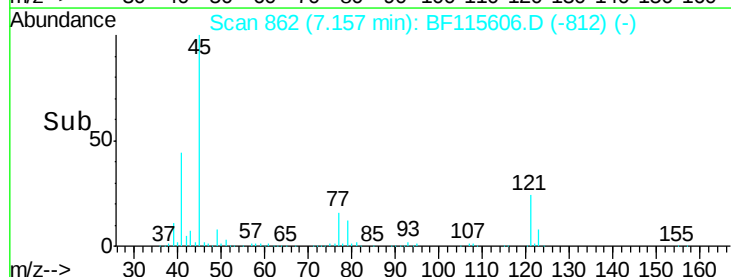
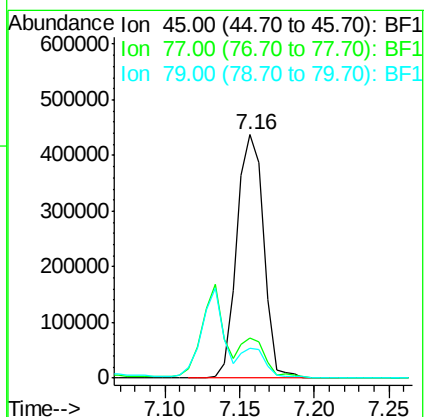
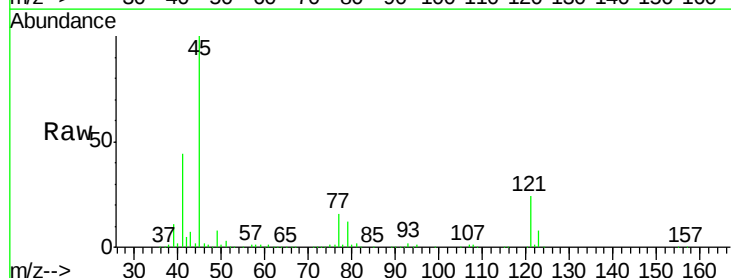
Tgt Ion: 45 Resp: 547687

Ion Ratio Lower Upper

45 100

77 16.5 0.0 38.1

79 12.4 0.0 34.1

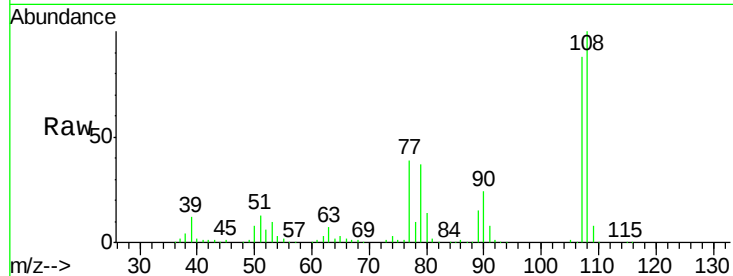




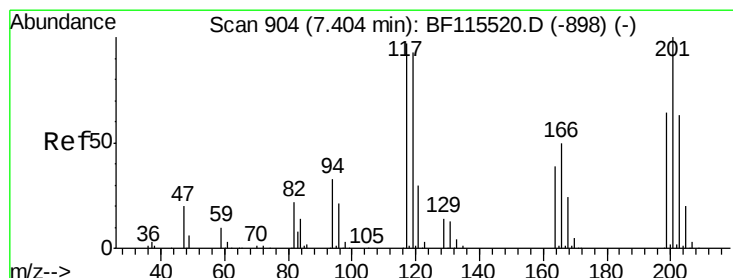
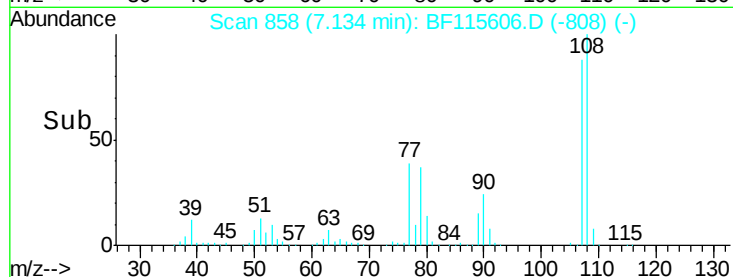
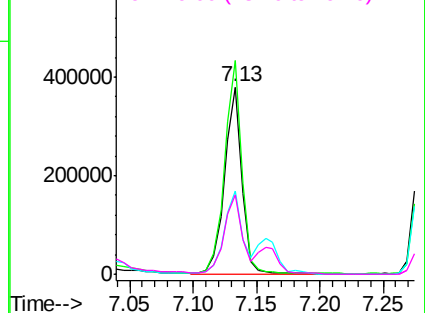
#17
2-Methylphenol
Concen: 37.326 ng
RT: 7.13 min Scan# 858
Delta R.T. -0.01 min
Lab File: BF115606.D
Acq: 16 Jul 2019 19:18

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

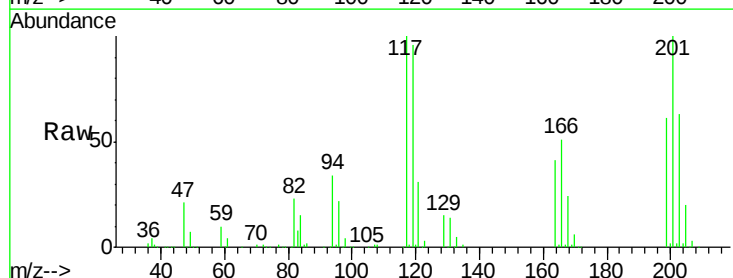


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

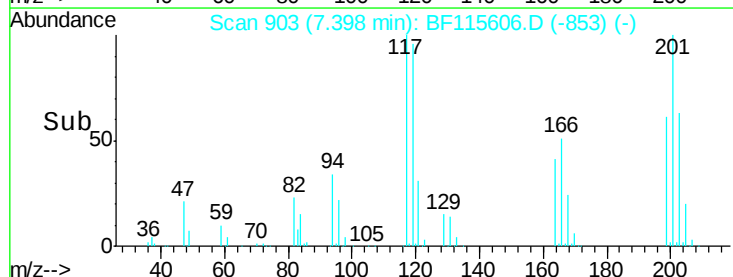
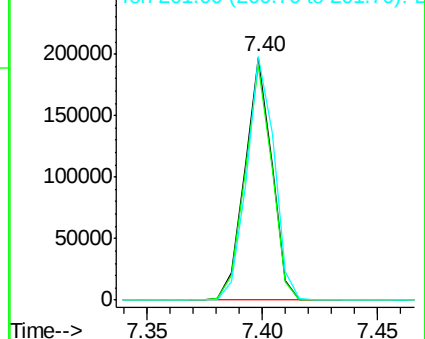


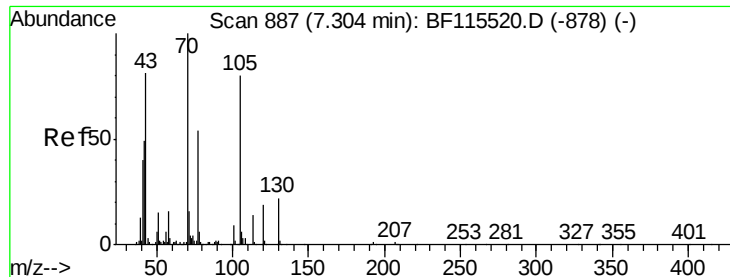
#18
Hexachloroethane
Concen: 34.304 ng
RT: 7.40 min Scan# 903
Delta R.T. -0.01 min
Lab File: BF115606.D
Acq: 16 Jul 2019 19:18

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



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

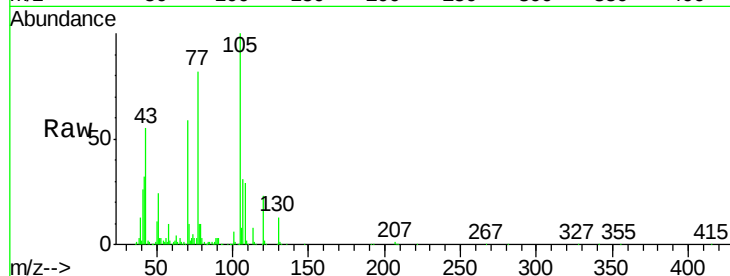




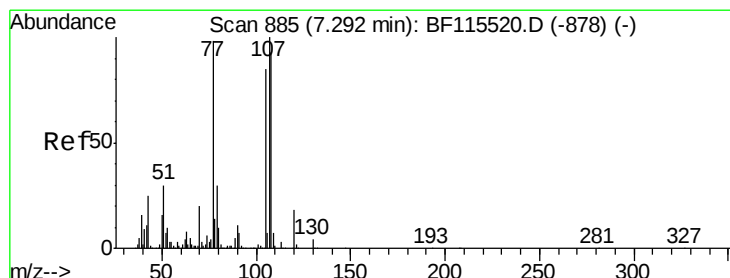
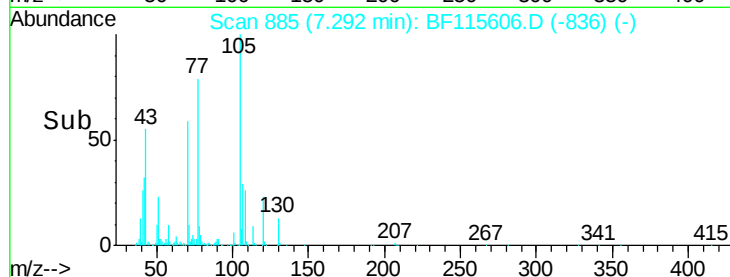
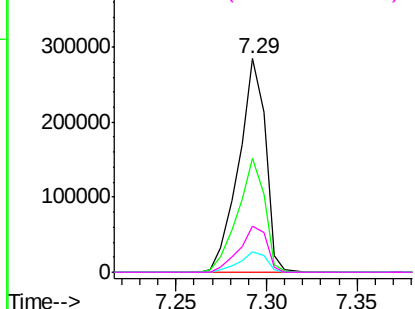
#19
n-Nitroso-di-n-propylamine
Concen: 36.005 ng
RT: 7.29 min Scan# 885
Delta R.T. -0.01 min
Lab File: BF115606.D
Acq: 16 Jul 2019 19:18

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

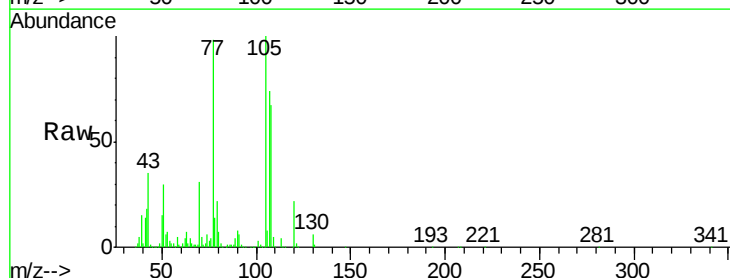


Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

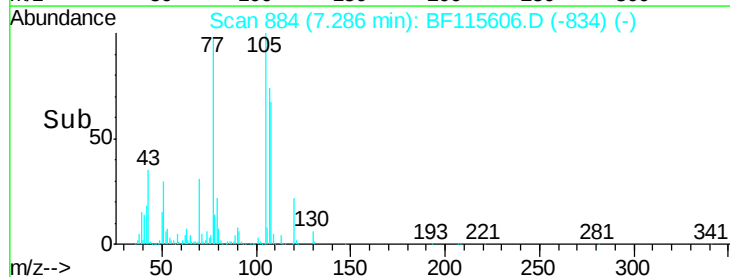
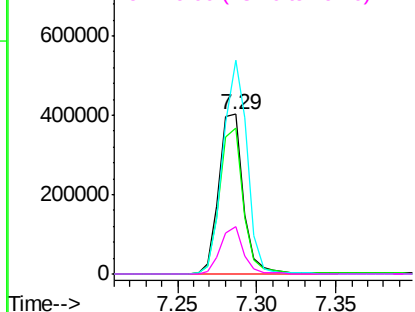


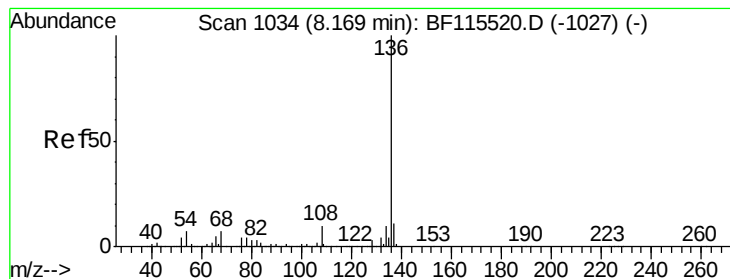
#20
3+4-Methylphenols
Concen: 37.105 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.01 min
Lab File: BF115606.D
Acq: 16 Jul 2019 19:18

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

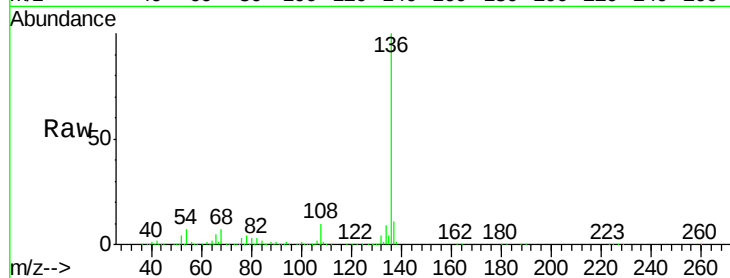
Ion Ratio Lower Upper

136 100

137 11.1 9.0 13.4

54 7.2 5.6 8.4

68 6.6 5.0 7.6

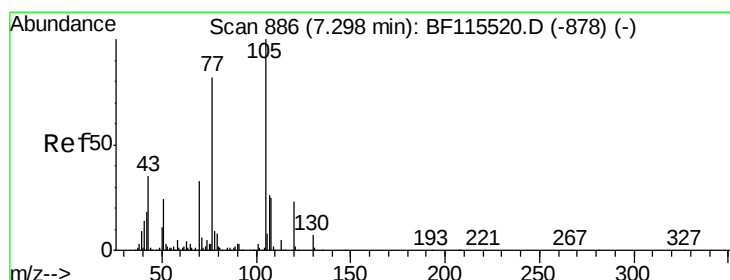
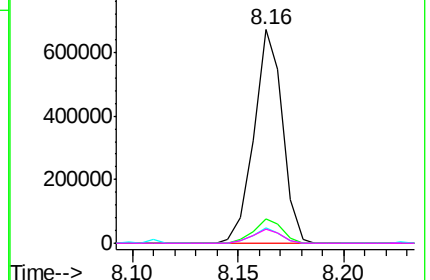
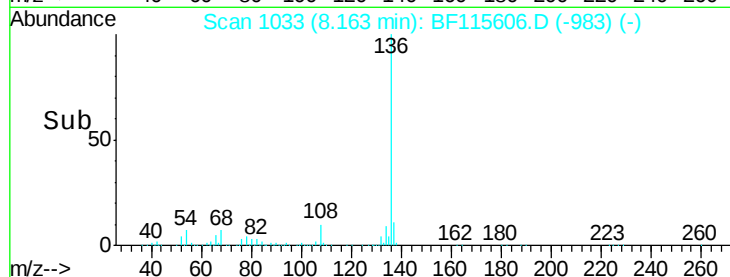


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 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

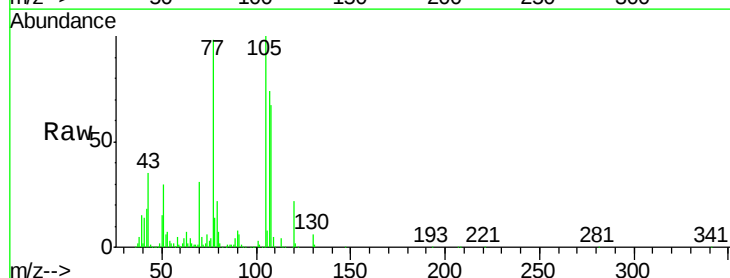
Ion Ratio Lower Upper

105 100

71 5.4 3.5 5.3#

51 30.5 25.6 38.4

120 21.6 17.9 26.9

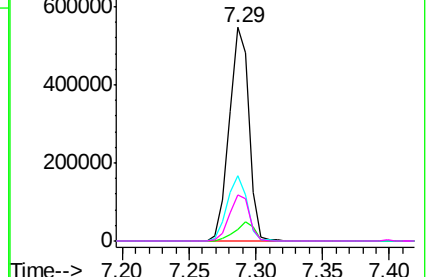
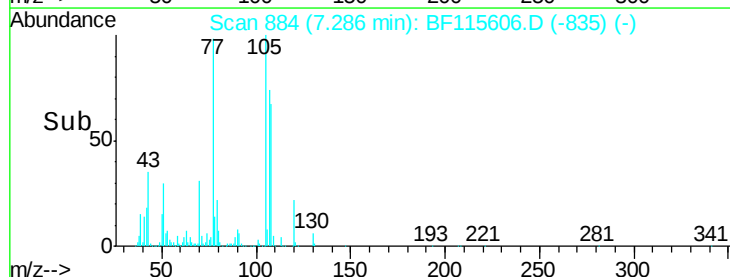


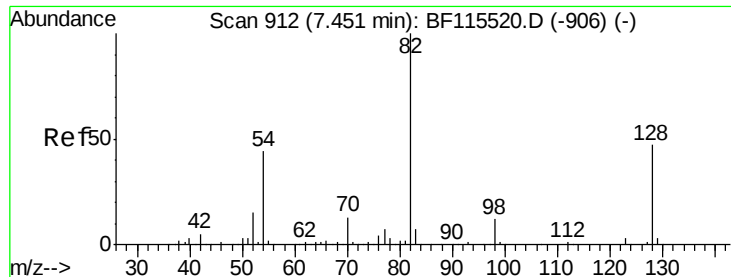
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

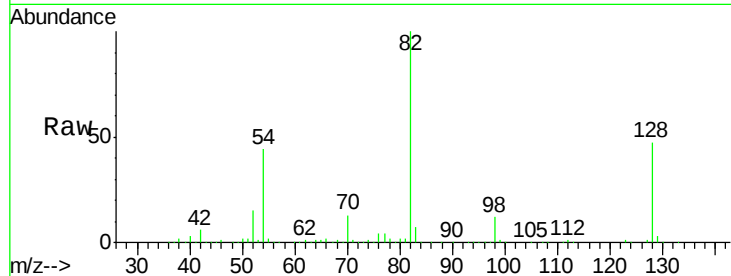




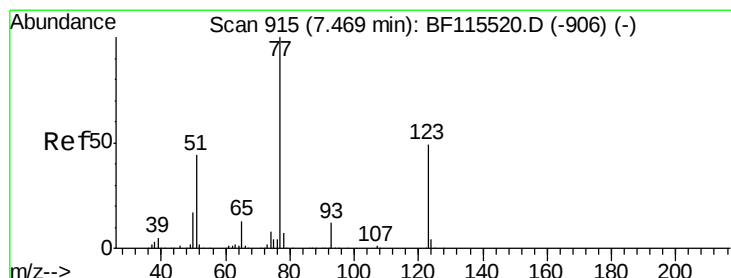
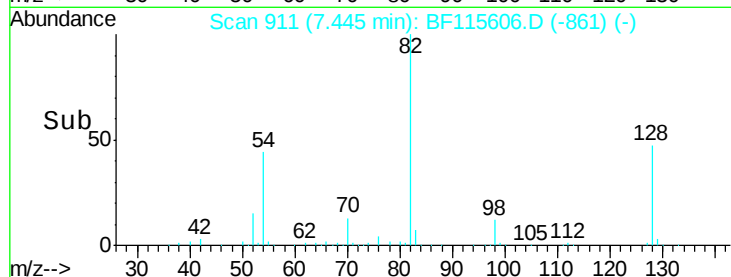
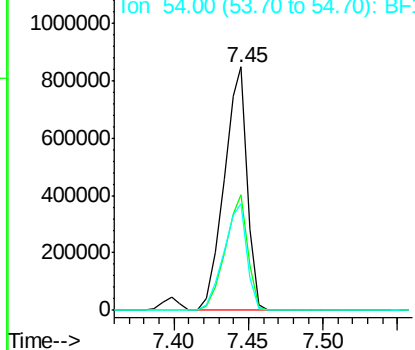
#23
Nitrobenzene-d5
Concen: 84.793 ng
RT: 7.45 min Scan# 911
Delta R.T. -0.01 min
Lab File: BF115606.D
Acq: 16 Jul 2019 19:18

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

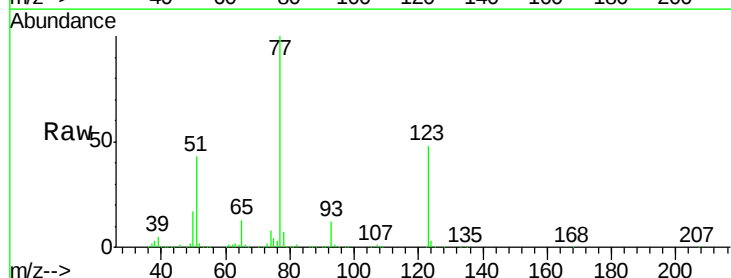


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

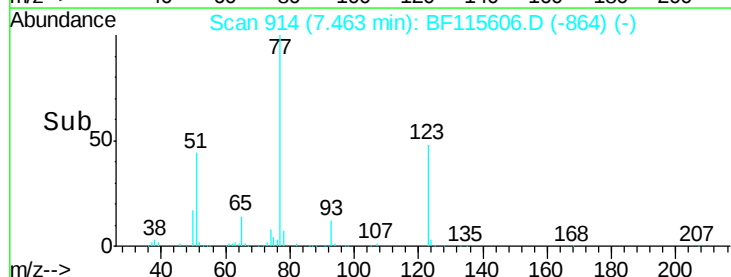
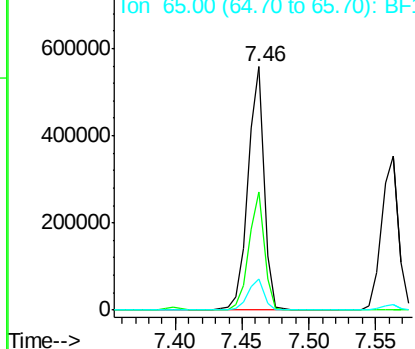


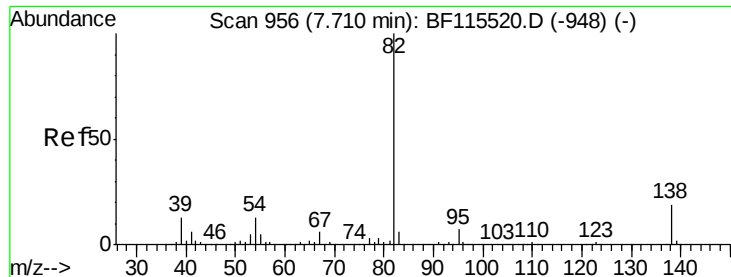
#24
Nitrobenzene
Concen: 38.950 ng
RT: 7.46 min Scan# 914
Delta R.T. -0.01 min
Lab File: BF115606.D
Acq: 16 Jul 2019 19:18

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 :

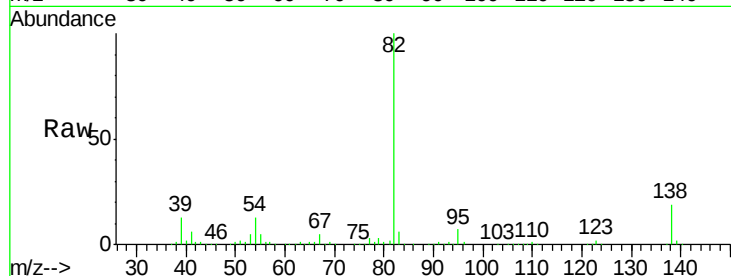
Tot Ion: 82 Resp: 837326

Ion Ratio Lower Upper

82 100

95 6.8 5.5 8.3

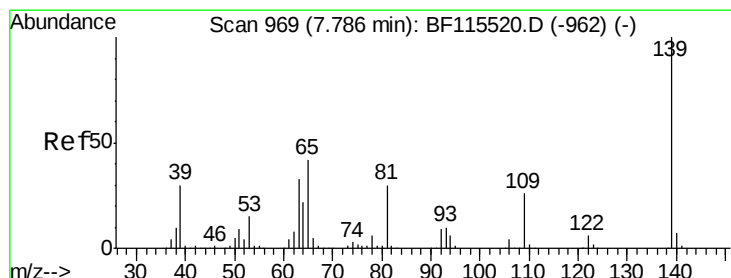
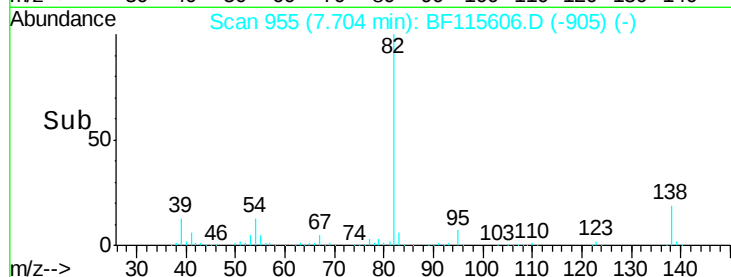
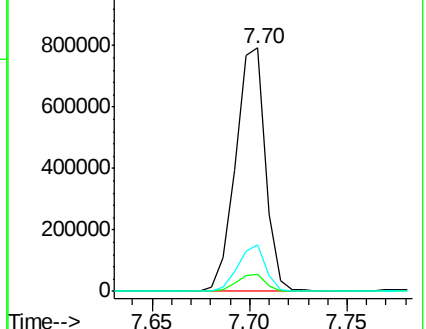
138 19.2 14.9 22.3



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 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

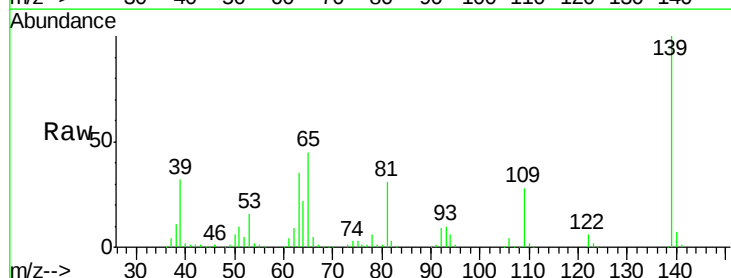
Tgt Ion: 139 Resp: 229779

Ion Ratio Lower Upper

139 100

109 27.6 23.3 34.9

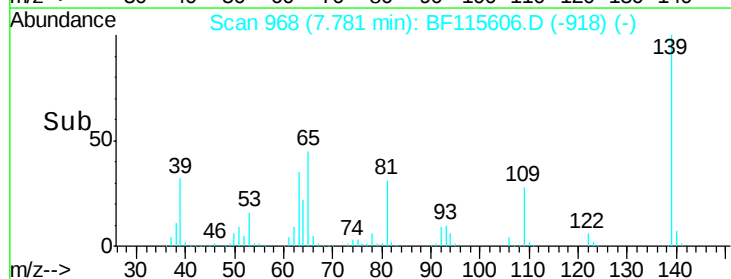
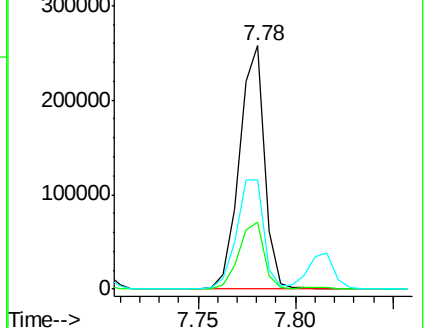
65 44.8 37.9 56.9

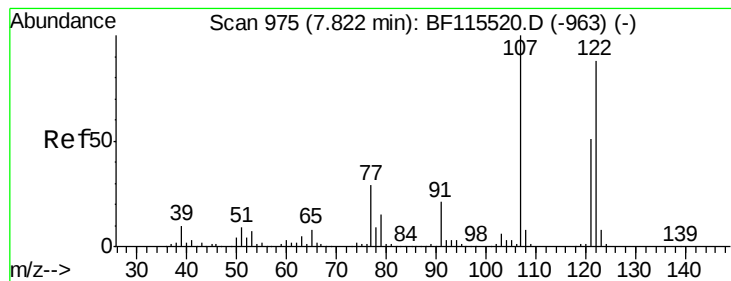


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1





#27

2,4-Dimethylphenol

Concen: 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

ClientSampleId :

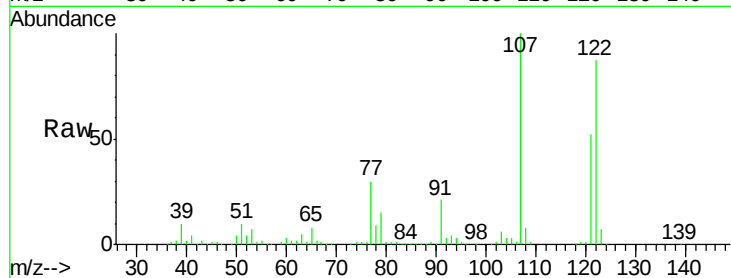
Tot Ion:122 Resp: 372651

Ion Ratio Lower Upper

122 100

107 114.7 92.9 139.3

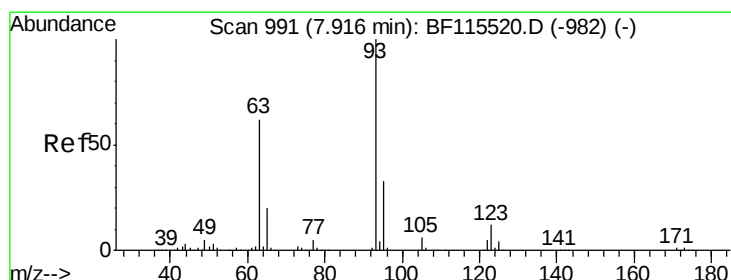
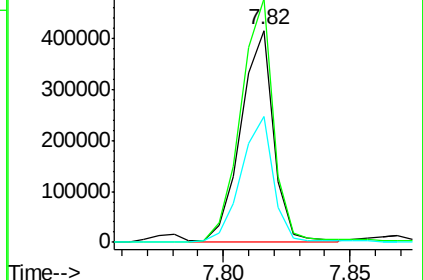
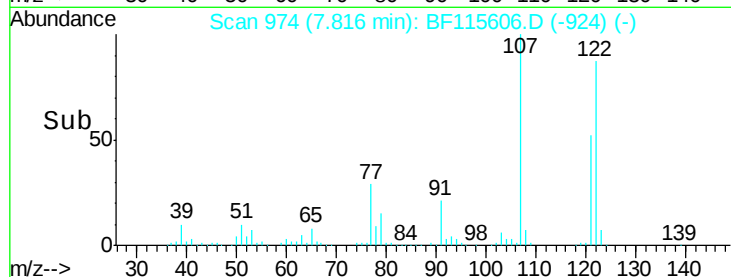
121 59.4 46.9 70.3



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

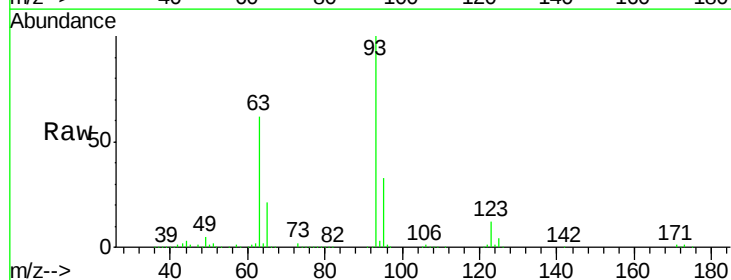
Tgt Ion: 93 Resp: 513823

Ion Ratio Lower Upper

93 100

95 32.9 27.0 40.4

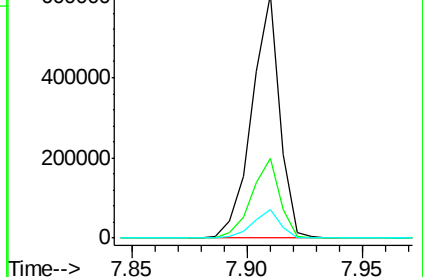
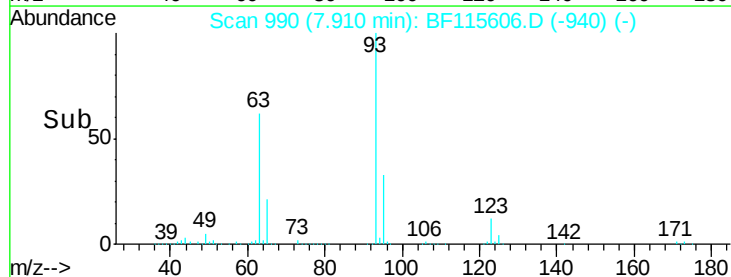
123 11.8 9.9 14.9



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

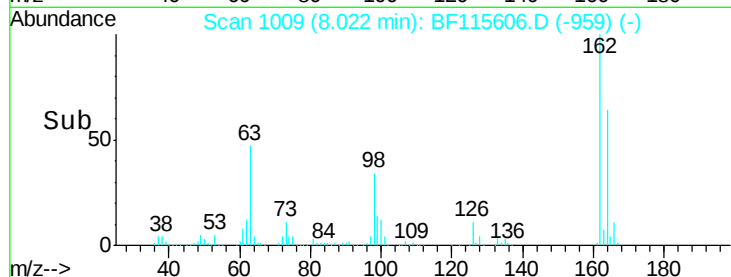
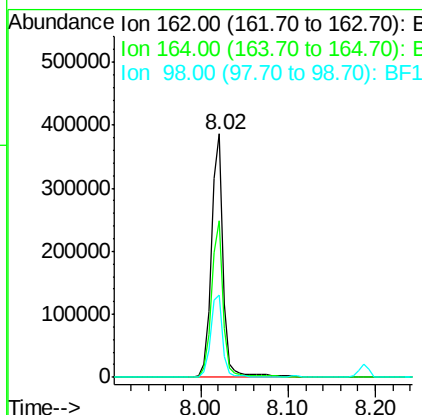
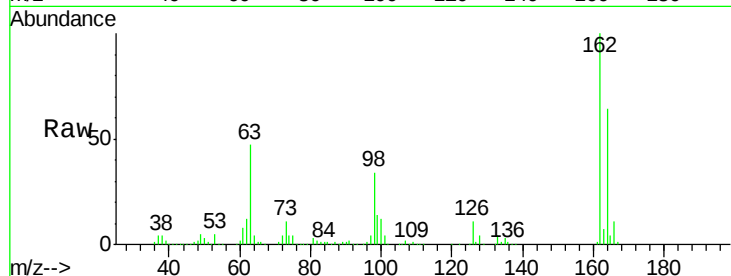




#29
 2,4-Dichlorophenol
 Concen: 38.548 ng
 RT: 8.02 min Scan# 1009
 Delta R.T. -0.01 min
 Lab File: BF115606.D
 Acq: 16 Jul 2019 19:18

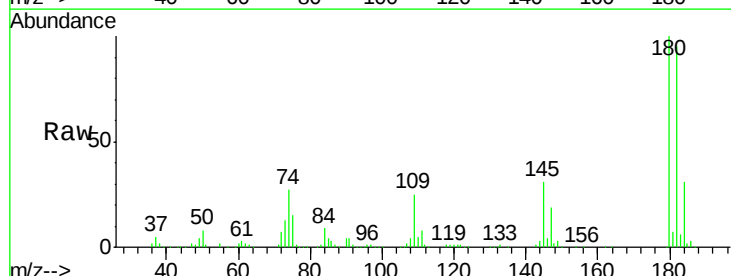
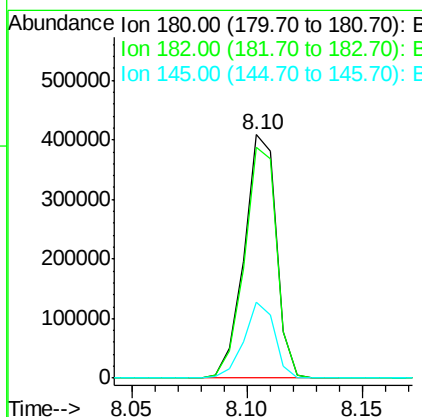
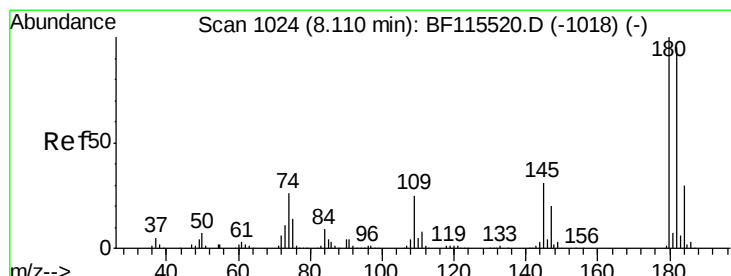
Instrument :
 BNA_F
 ClientSampleID :

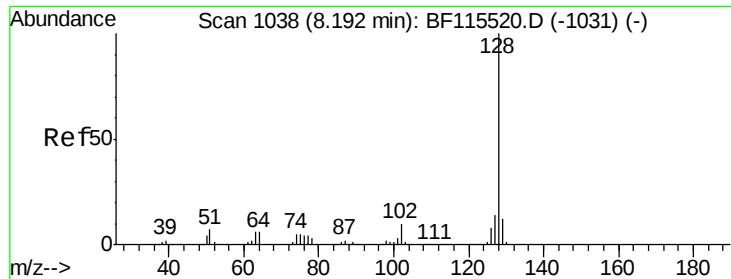
Tot Ion:162 Resp: 361148
 Ion Ratio Lower Upper
 162 100
 164 64.2 44.9 84.9
 98 34.1 17.7 57.7



#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

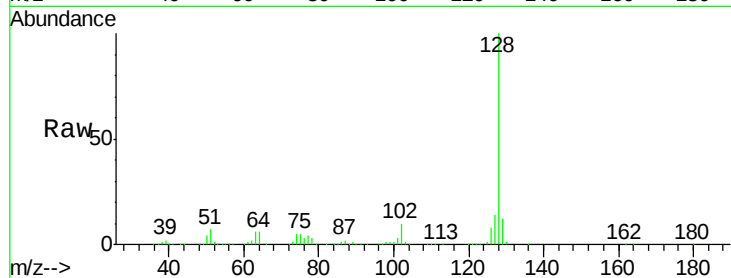




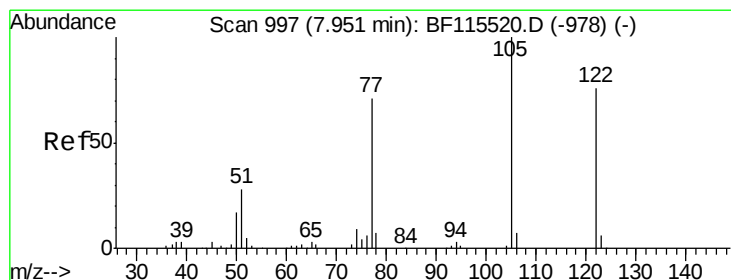
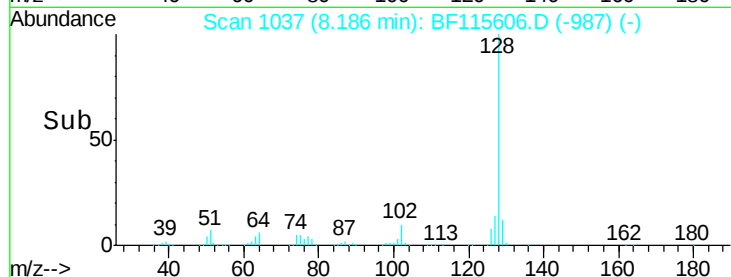
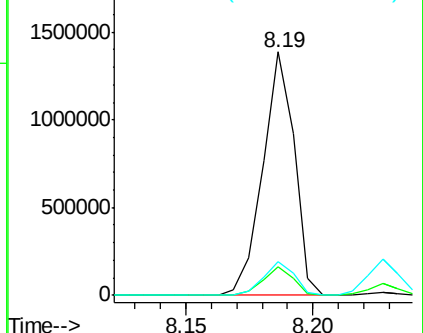
#31
Naphthalene
Concen: 39.679 ng
RT: 8.19 min Scan# 1037
Delta R.T. -0.01 min
Lab File: BF115606.D
Acq: 16 Jul 2019 19:18

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

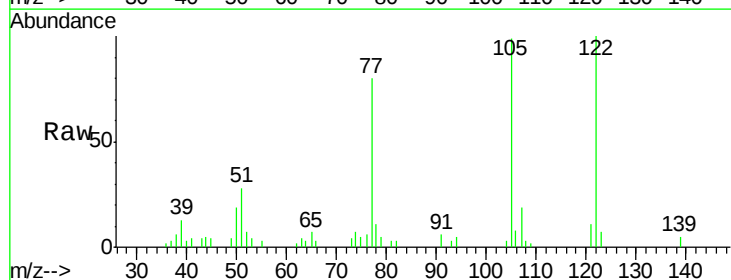


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

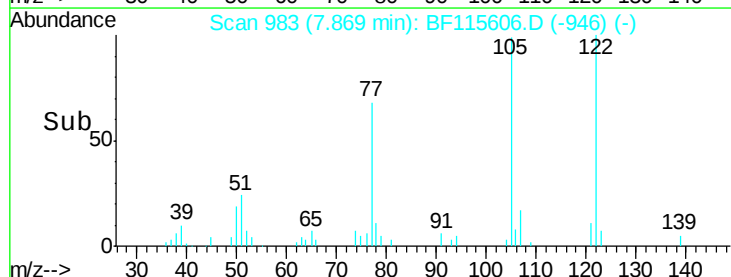
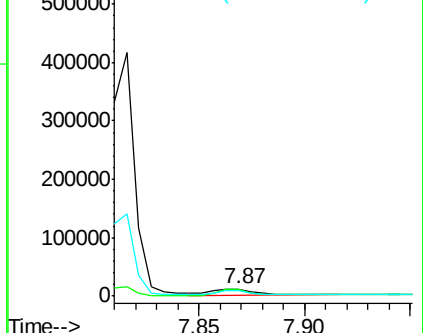


#32
Benzoic acid
Concen: 2.048 ng
RT: 7.87 min Scan# 983
Delta R.T. -0.08 min
Lab File: BF115606.D
Acq: 16 Jul 2019 19:18

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

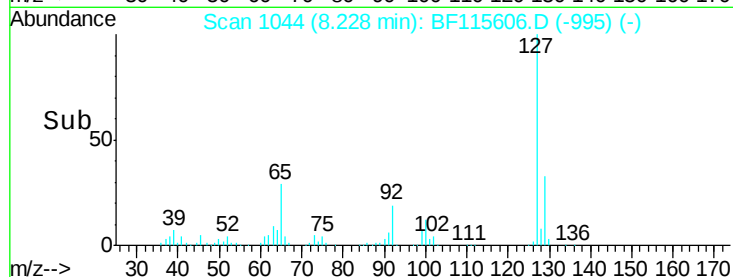
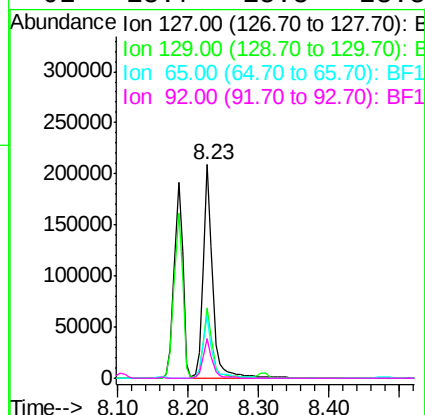
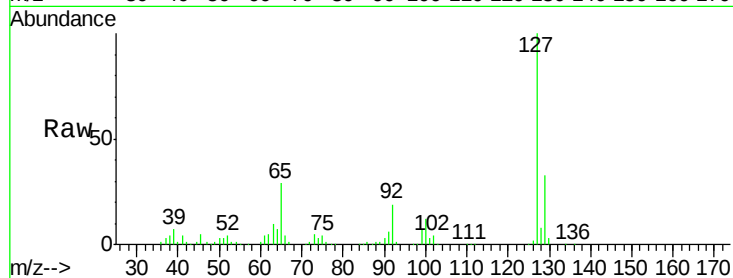




#33
4-Chloroaniline
Concen: 14.884 ng
RT: 8.23 min Scan# 1044
Delta R.T. -0.01 min
Lab File: BF115606.D
Acq: 16 Jul 2019 19:18

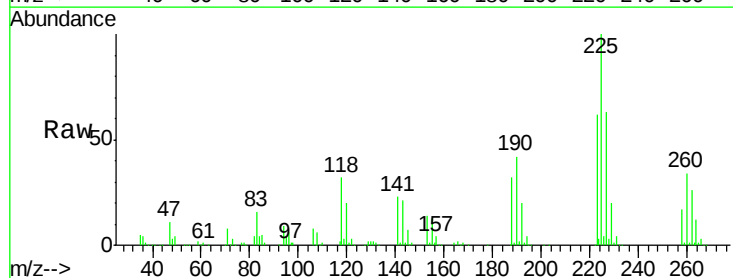
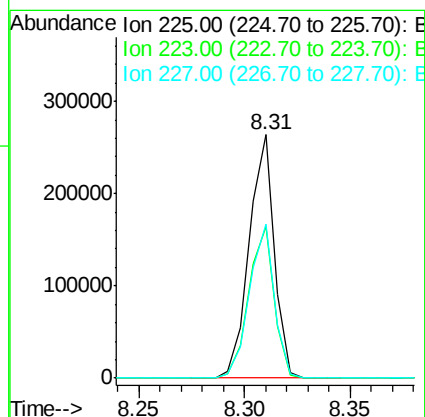
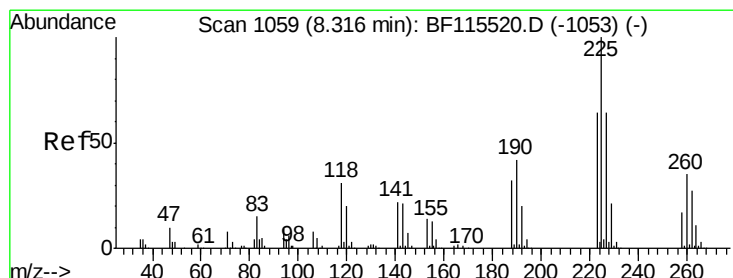
Instrument :
BNA_F
ClientSampleId :

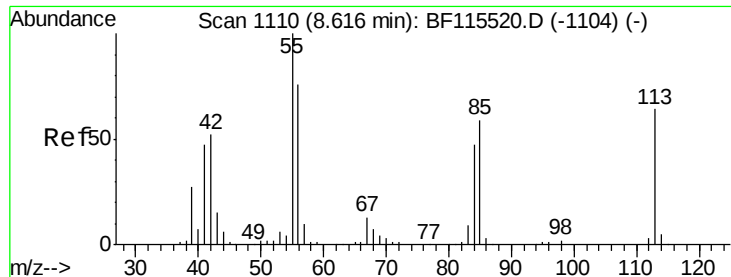
Tot Ion:	127	Resp:	201344
Ion	Ratio	Lower	Upper
127	100		
129	32.7	26.6	39.8
65	29.2	23.7	35.5
92	18.7	15.8	23.8



#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

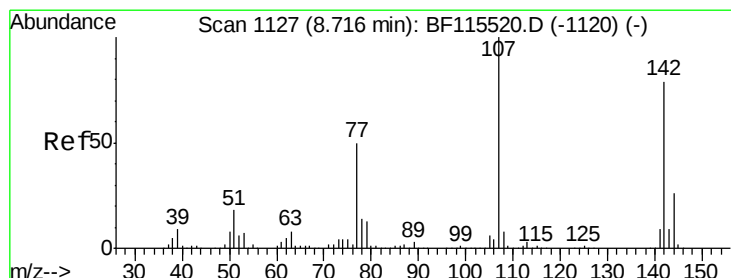
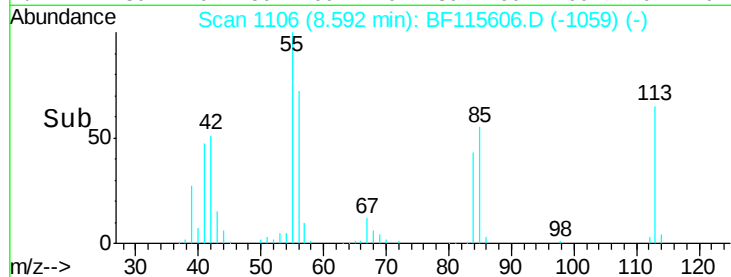
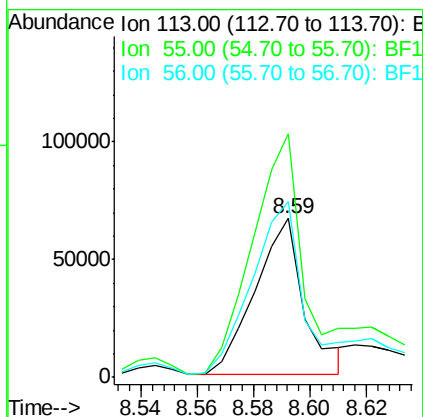
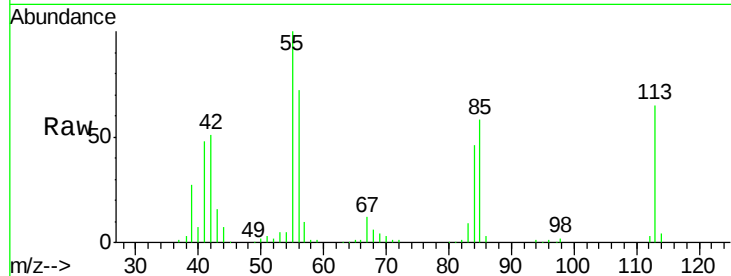




#35
 Caprolactam
 Concen: 27.856 ng
 RT: 8.59 min Scan# 1106
 Delta R.T. -0.02 min
 Lab File: BF115606.D
 Acq: 16 Jul 2019 19:18

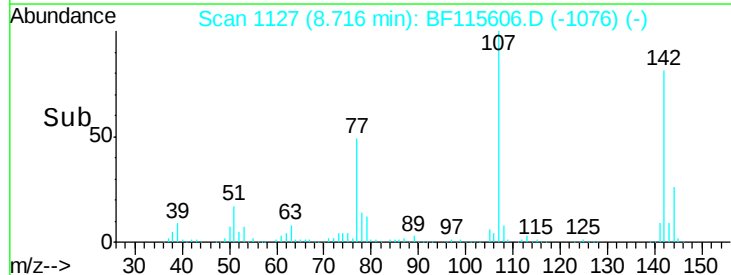
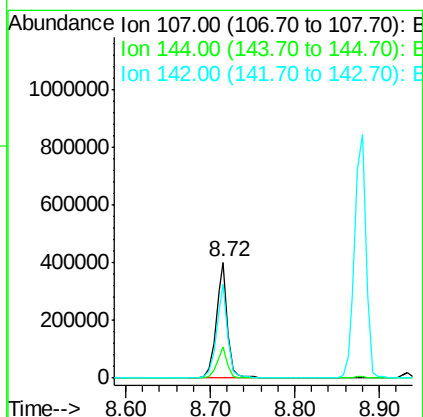
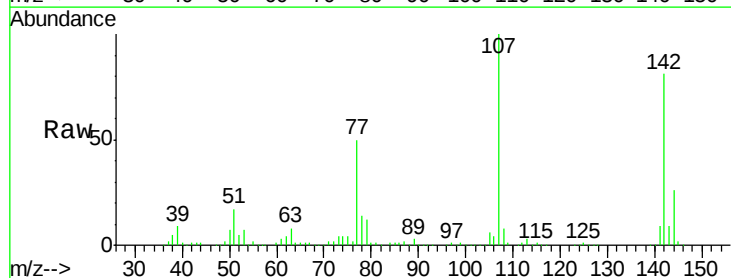
Instrument :
 BNA_F
 ClientSampleId :

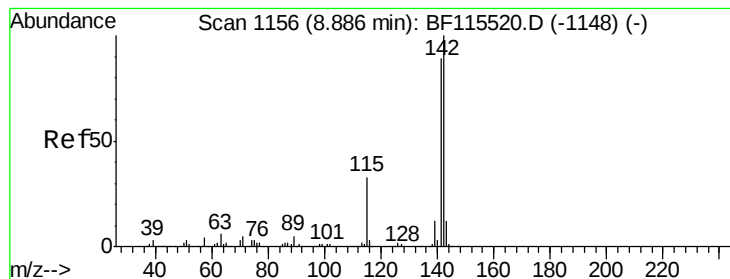
Tot Ion:113 Resp: 80643
 Ion Ratio Lower Upper
 113 100
 55 153.6 126.9 166.9
 56 110.7 90.3 130.3



#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 :

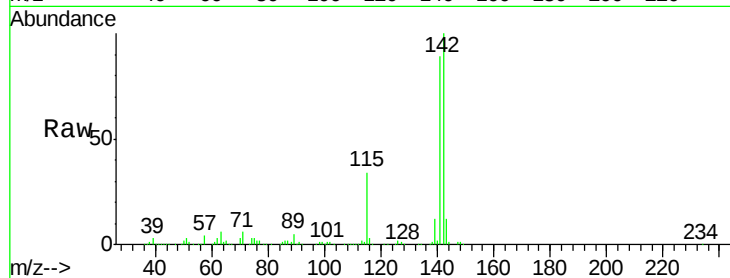
Tot Ion:142 Resp: 802435

Ion Ratio Lower Upper

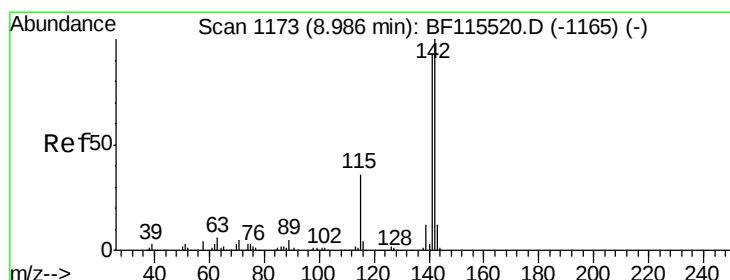
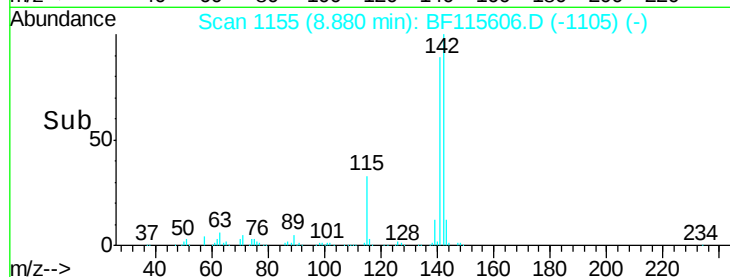
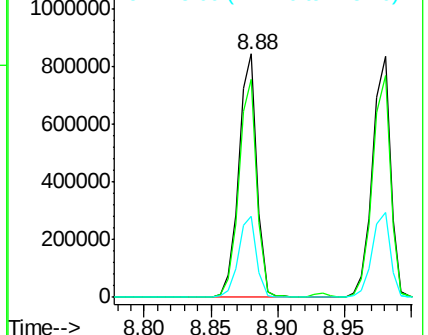
142 100

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

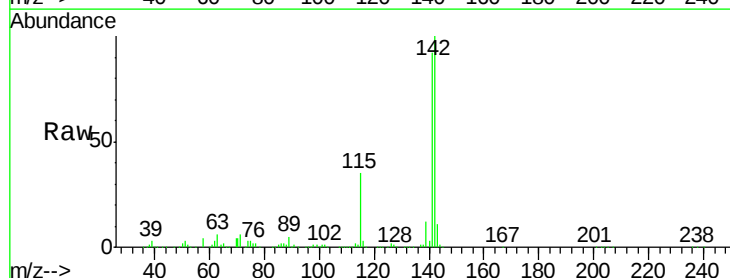
Tgt Ion:142 Resp: 767922

Ion Ratio Lower Upper

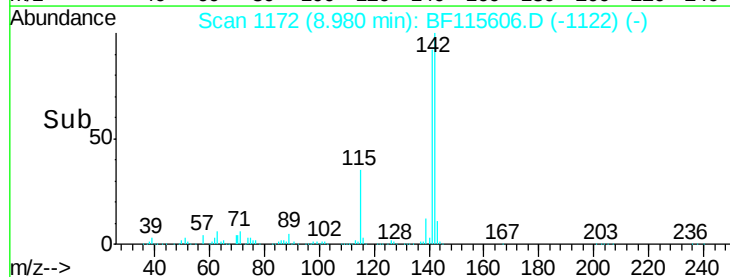
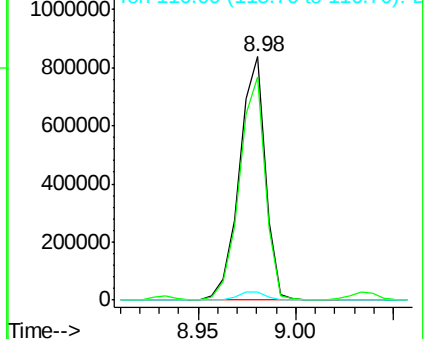
142 100

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 :

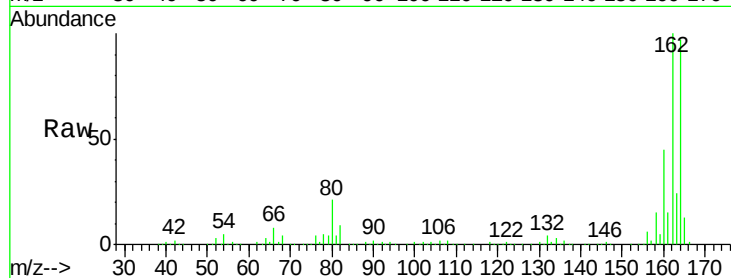
Tot Ion:164 Resp: 303111

Ion Ratio Lower Upper

164 100

162 102.7 82.9 124.3

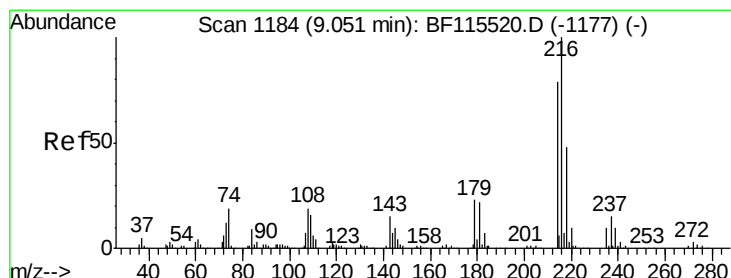
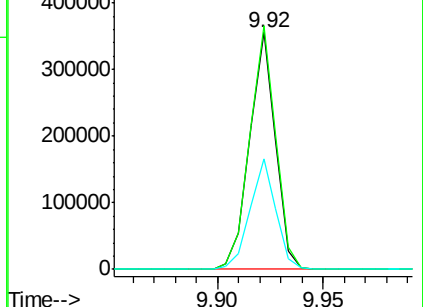
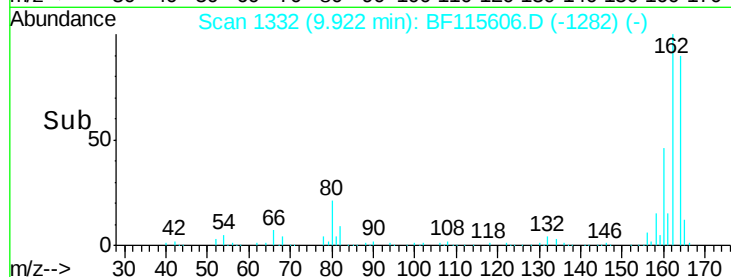
160 46.7 36.8 55.2



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 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

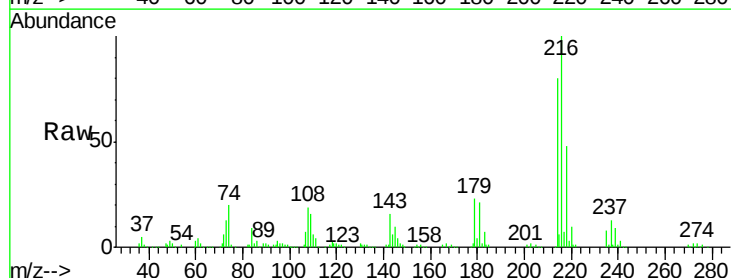
Ion Ratio Lower Upper

216 100

214 79.2 65.1 97.7

179 21.9 18.3 27.5

108 19.7 15.7 23.5

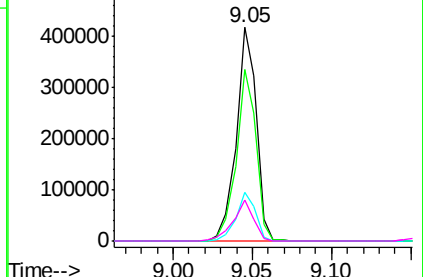
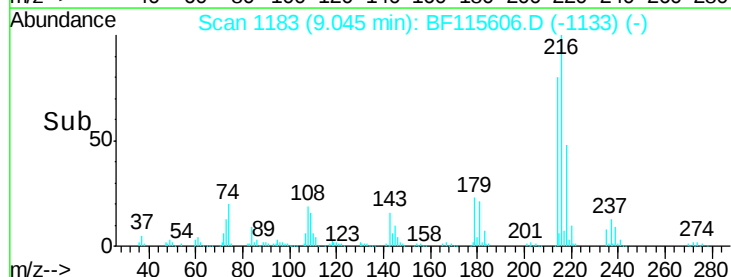


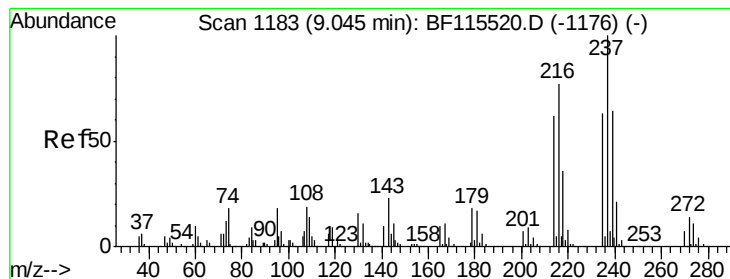
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 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 :

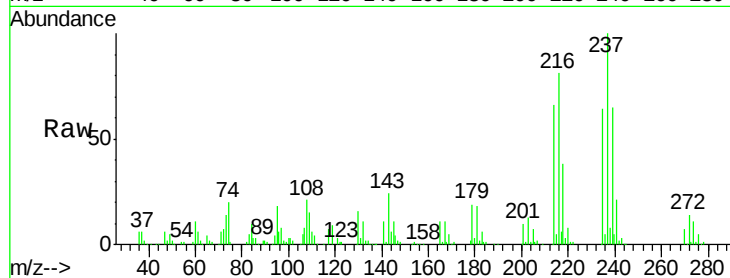
Tot Ion:237 Resp: 205252

Ion Ratio Lower Upper

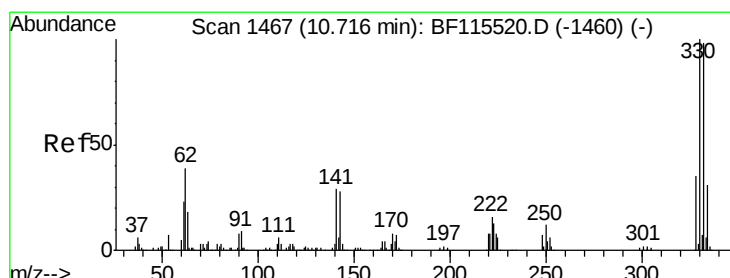
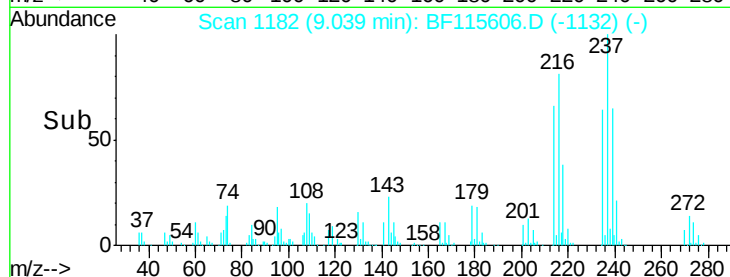
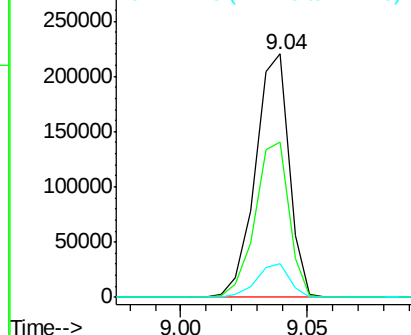
237 100

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

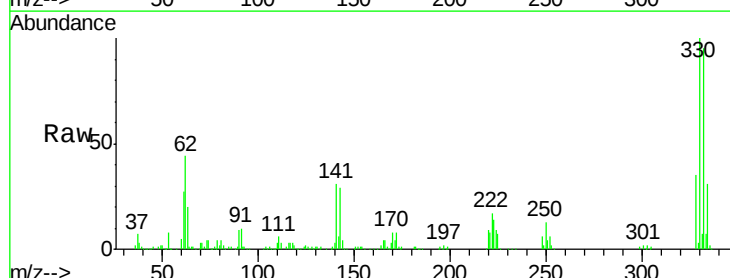
Tgt Ion:330 Resp: 384796

Ion Ratio Lower Upper

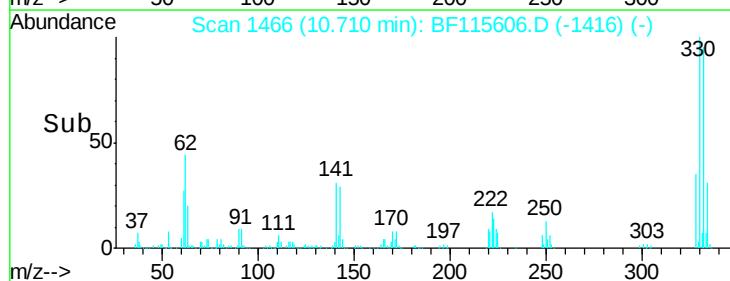
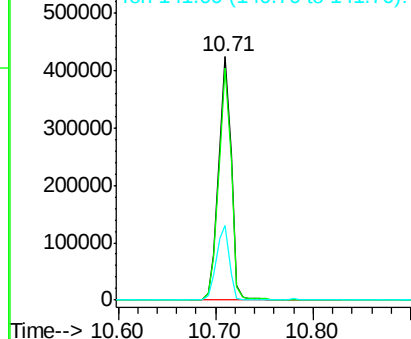
330 100

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

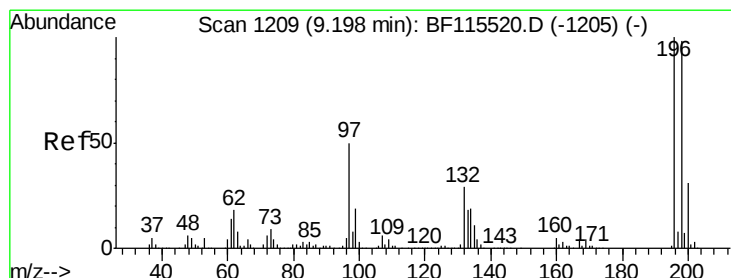
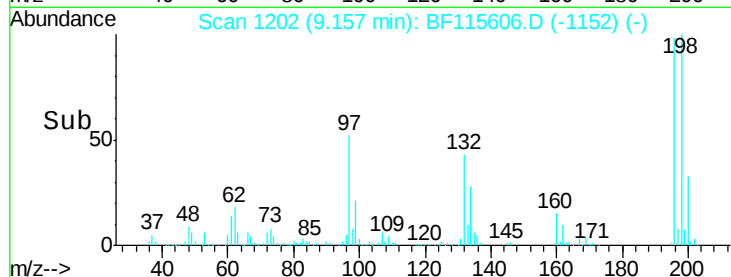
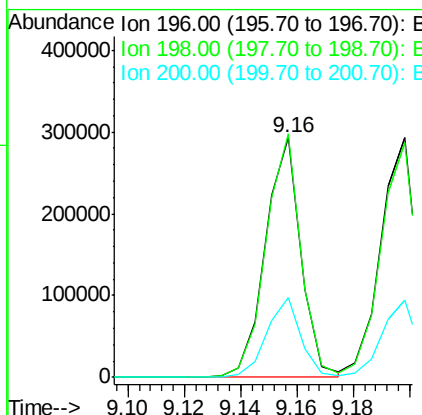
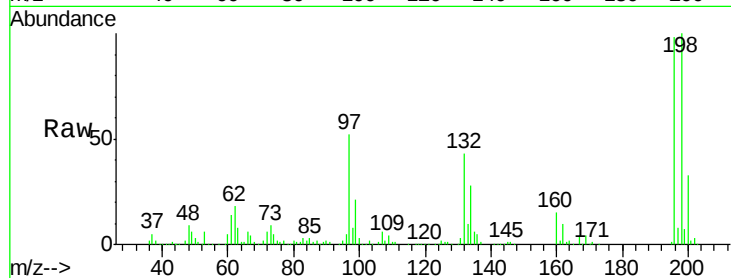




#43
 2,4,6-Trichlorophenol
 Concen: 38.318 ng
 RT: 9.16 min Scan# 1202
 Delta R.T. -0.01 min
 Lab File: BF115606.D
 Acq: 16 Jul 2019 19:18

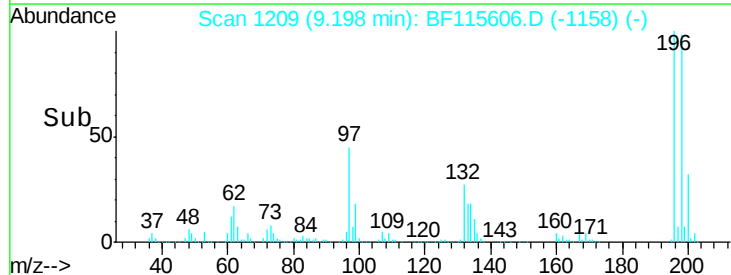
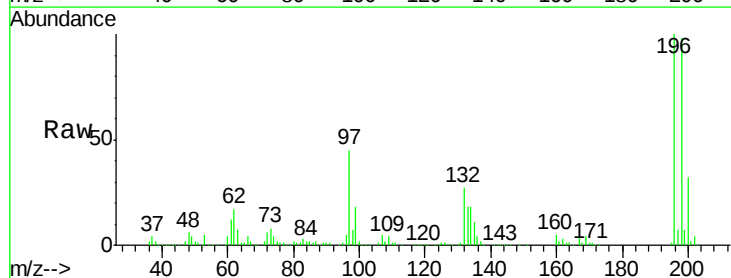
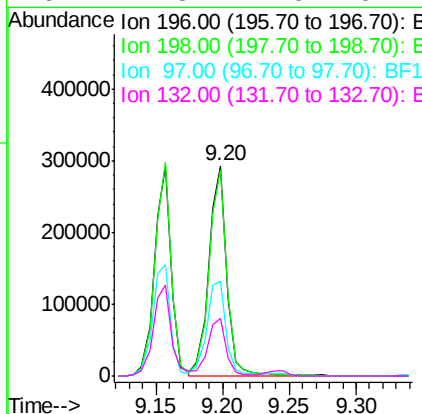
Instrument :
 BNA_F
 ClientSampled :

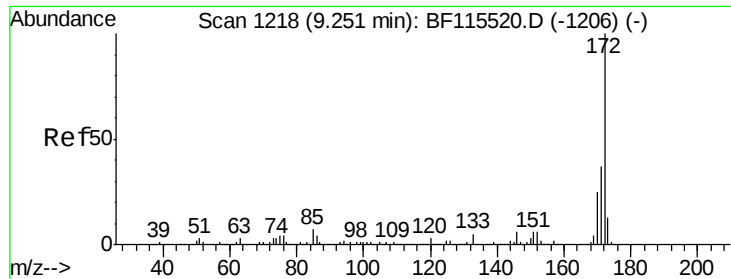
Tot Ion	196	Resp	255777
Ion Ratio	Lower	Upper	
196	100		
198	101.6	80.6	121.0
200	33.2	25.8	38.6



#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

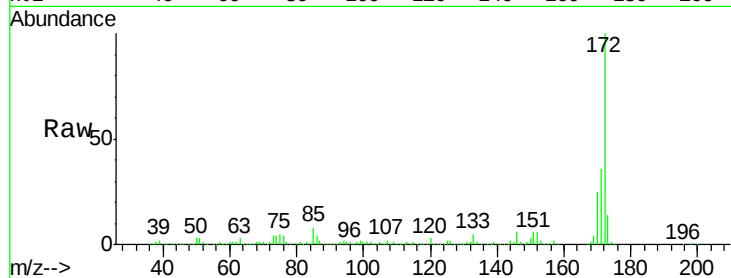




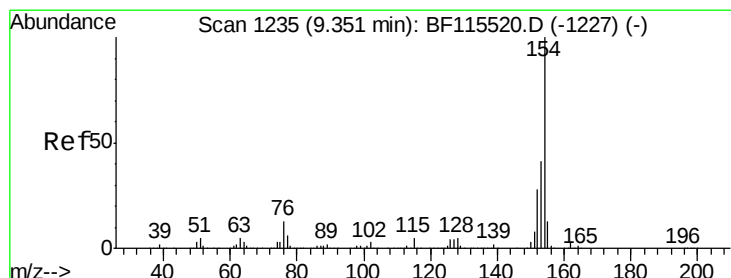
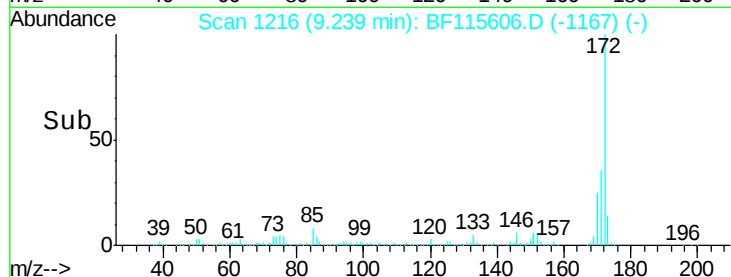
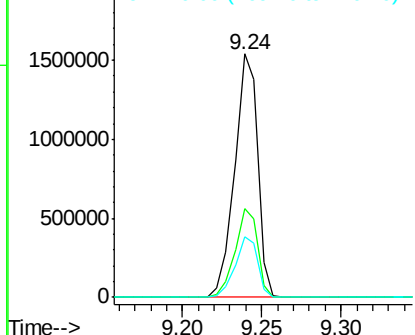
#45
2-Fluorobiphenyl
Concen: 89.366 ng
RT: 9.24 min Scan# 1216
Delta R.T. -0.01 min
Lab File: BF115606.D
Acq: 16 Jul 2019 19:18

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

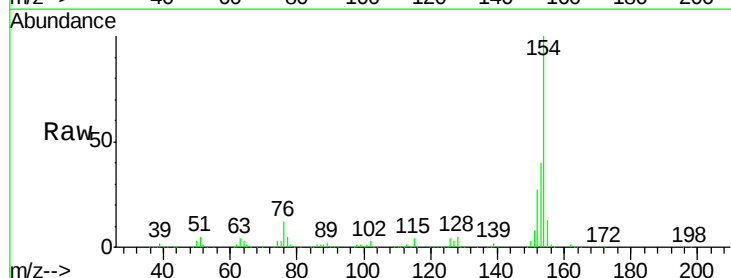


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

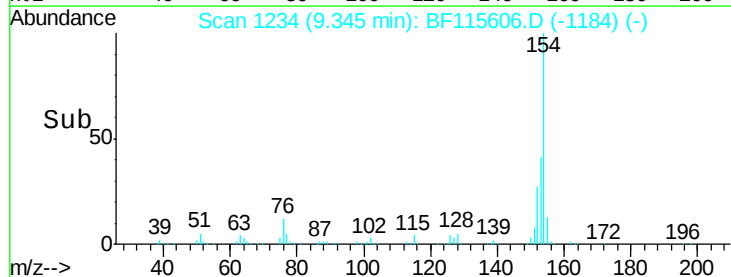
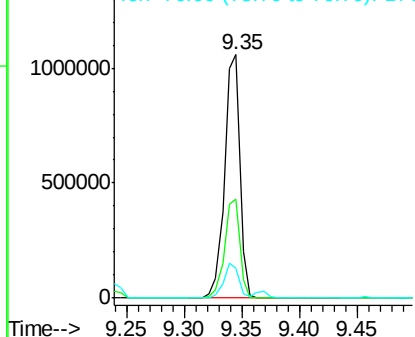


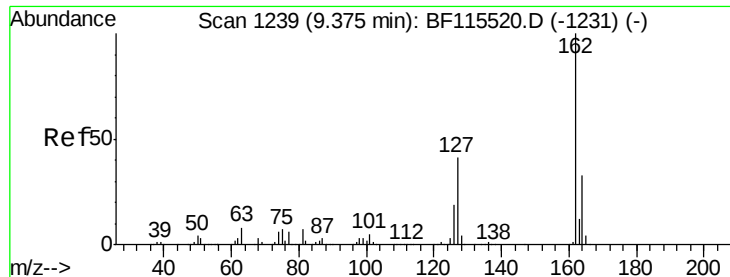
#46
1,1'-Biphenyl
Concen: 41.148 ng
RT: 9.35 min Scan# 1234
Delta R.T. -0.01 min
Lab File: BF115606.D
Acq: 16 Jul 2019 19:18

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

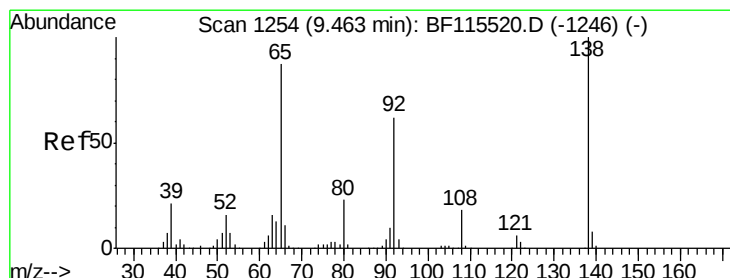
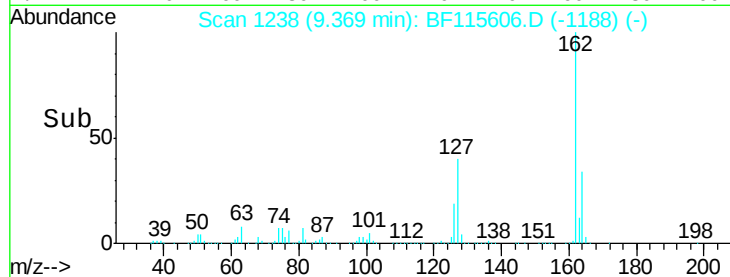
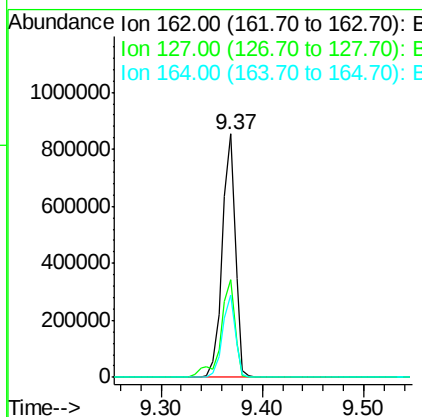
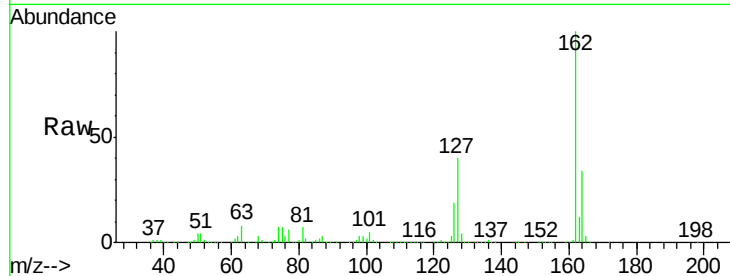




#47
 2-Chloronaphthalene
 Concen: 38.720 ng
 RT: 9.37 min Scan# 1238
 Delta R.T. -0.01 min
 Lab File: BF115606.D
 Acq: 16 Jul 2019 19:18

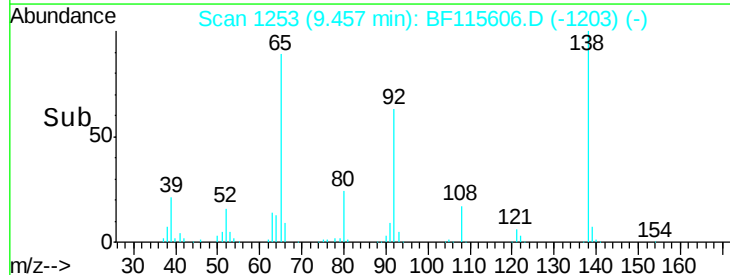
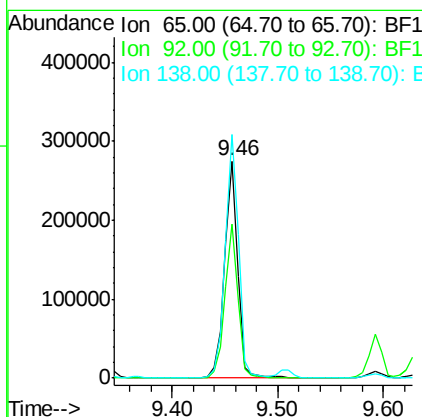
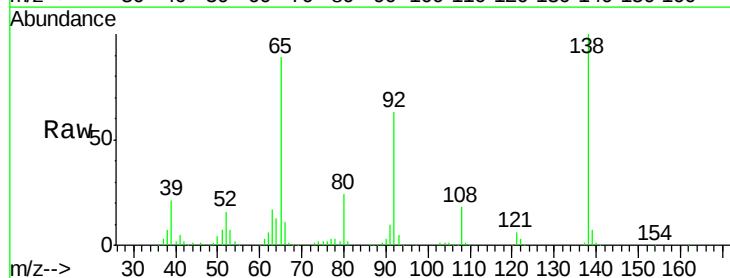
Instrument :
 BNA_F
 ClientSampleId :

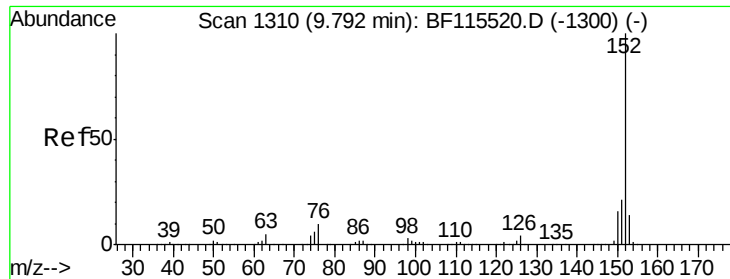
Tot Ion	Ratio	Lower	Upper
162	100		
127	39.9	34.1	51.1
164	33.7	27.4	41.2



#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	Ratio	Lower	Upper
65	100		
92	71.1	57.8	86.6
138	112.2	91.2	136.8





#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 :

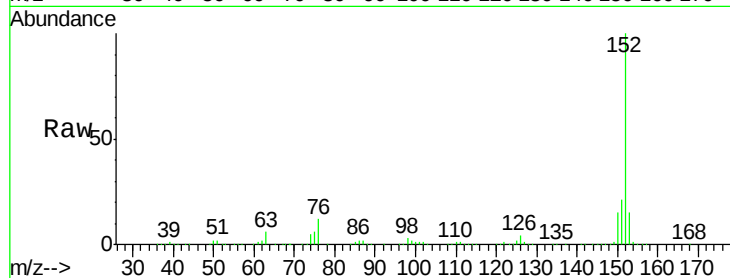
Tot Ion:152 Resp: 1204078

Ion Ratio Lower Upper

152 100

151 20.9 17.7 26.5

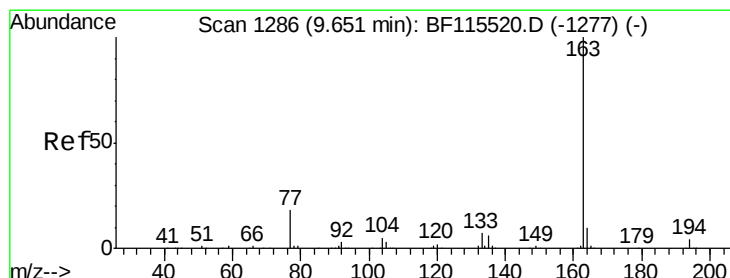
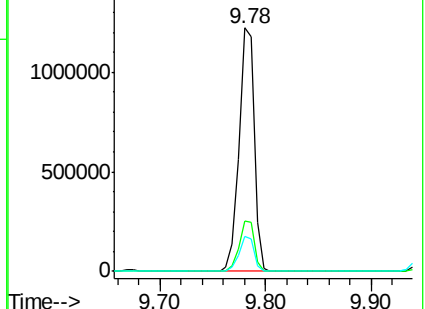
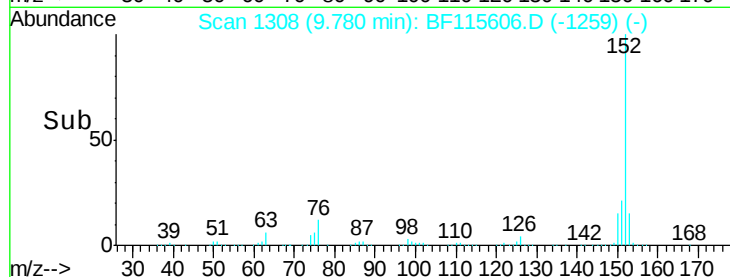
153 14.6 12.0 18.0



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

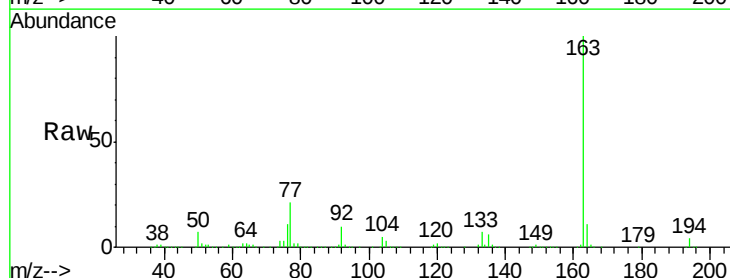
Tgt Ion:163 Resp: 1161262

Ion Ratio Lower Upper

163 100

194 3.9 3.3 4.9

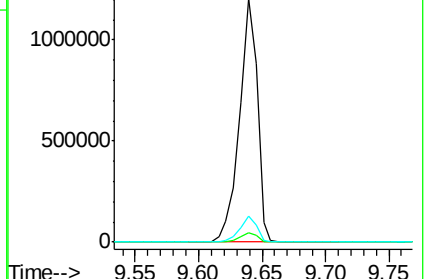
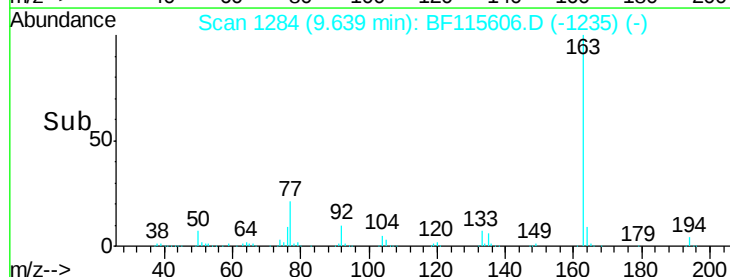
164 10.8 8.7 13.1

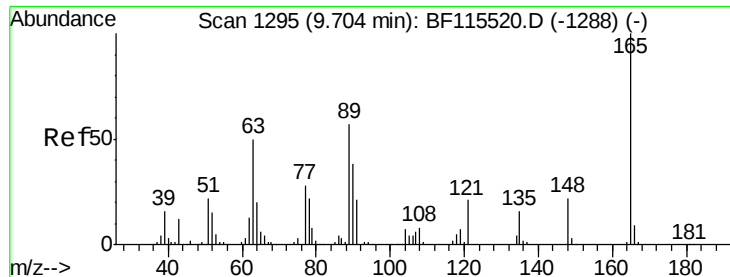


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

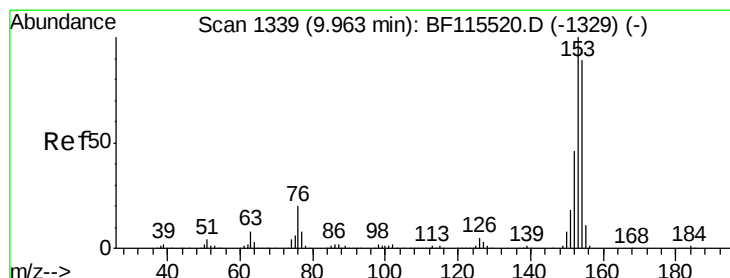
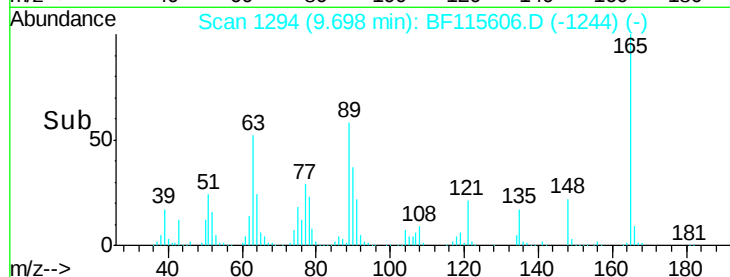
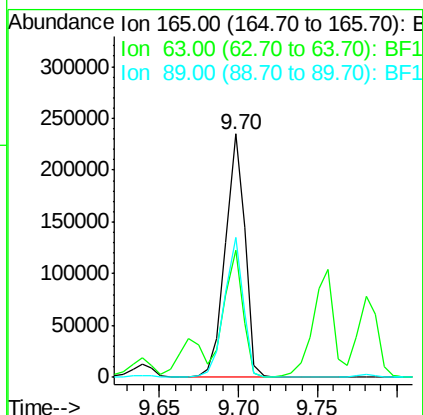
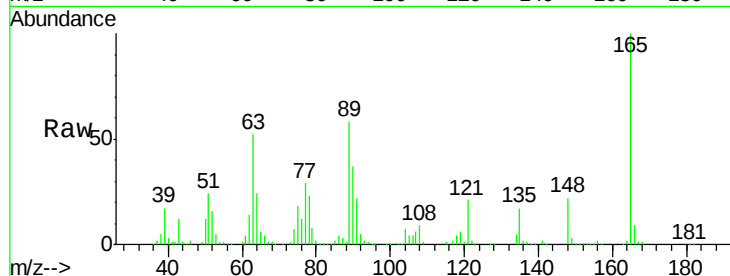




#51
2,6-Dinitrotoluene
Concen: 38.971 ng
RT: 9.70 min Scan# 1294
Delta R.T. -0.01 min
Lab File: BF115606.D
Acq: 16 Jul 2019 19:18

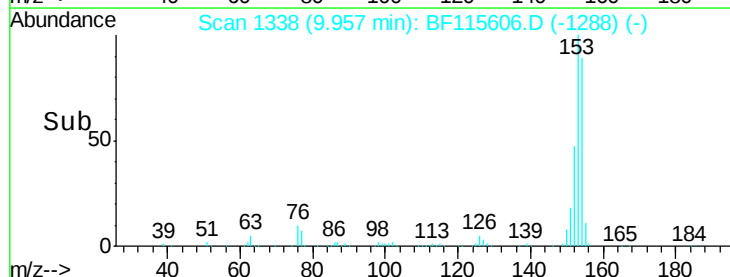
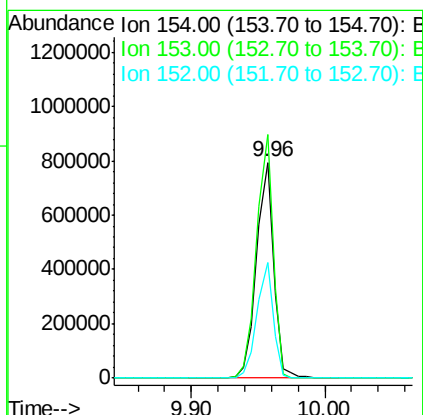
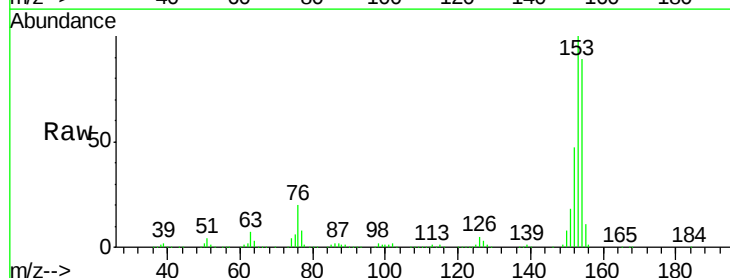
Instrument :
BNA_F
ClientSampled :

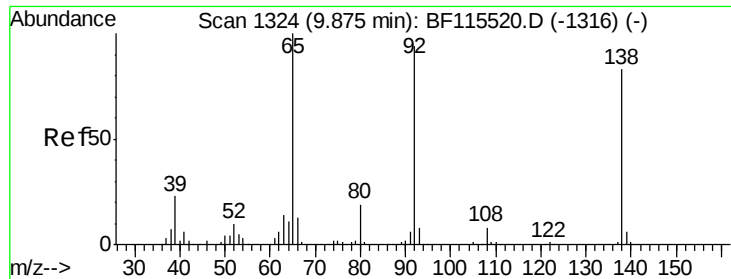
Tot Ion:165 Resp: 201970
Ion Ratio Lower Upper
165 100
63 52.0 40.6 61.0
89 57.5 43.9 65.9



#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

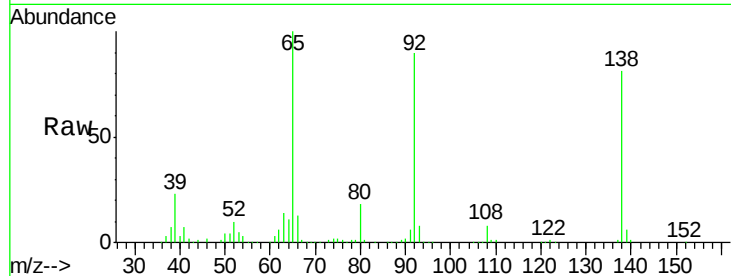




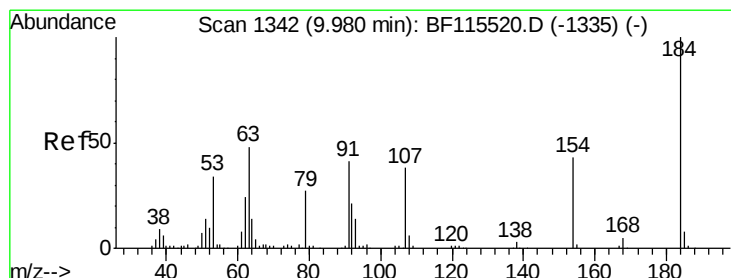
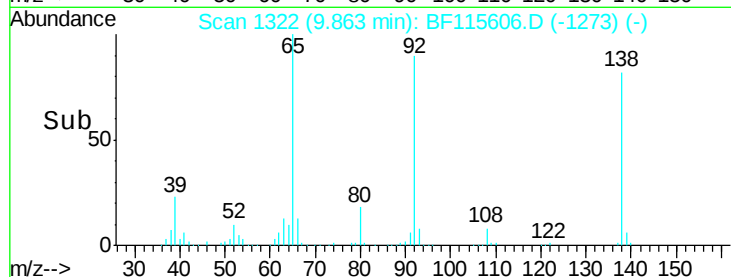
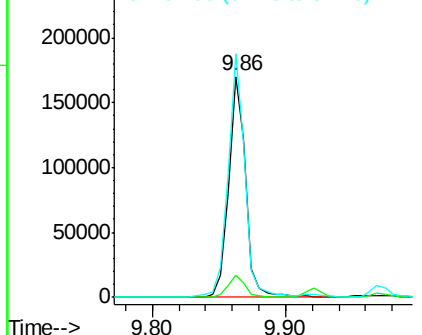
#53
3-Nitroaniline
Concen: 25.950 ng
RT: 9.86 min Scan# 1322
Delta R.T. -0.01 min
Lab File: BF115606.D
Acq: 16 Jul 2019 19:18

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

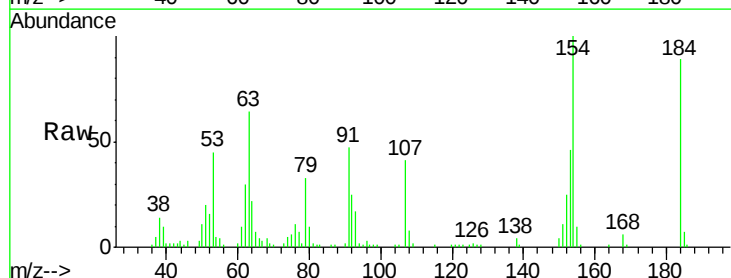


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

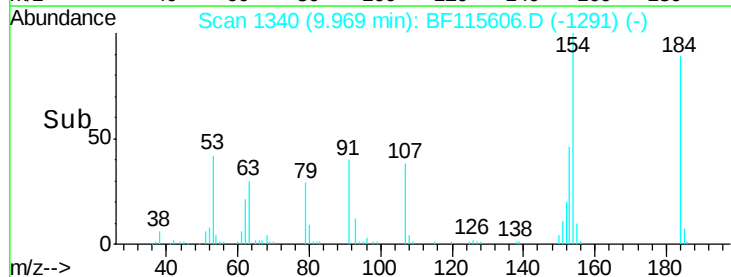
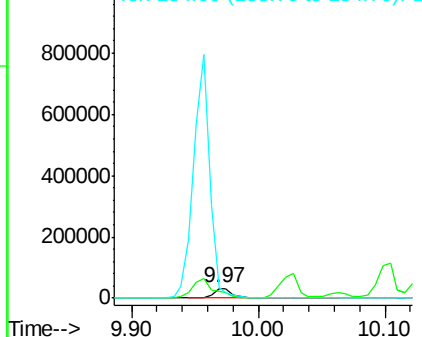


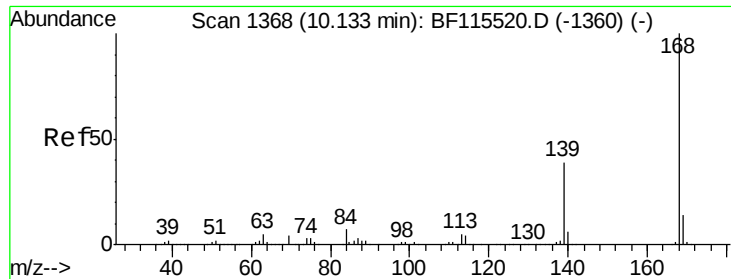
#54
2,4-Dinitrophenol
Concen: 12.941 ng
RT: 9.97 min Scan# 1340
Delta R.T. -0.01 min
Lab File: BF115606.D
Acq: 16 Jul 2019 19:18

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#



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

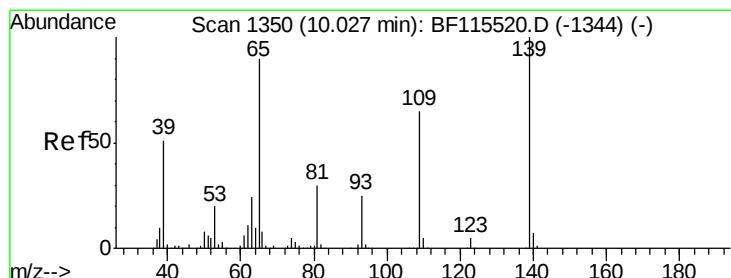
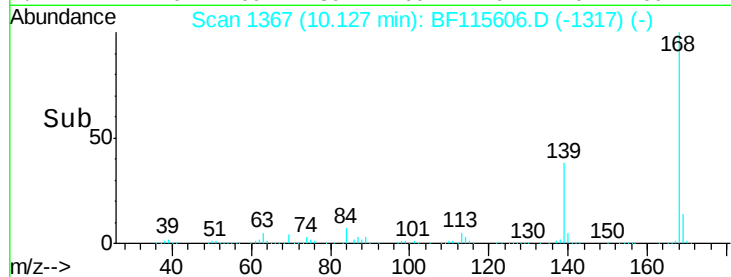
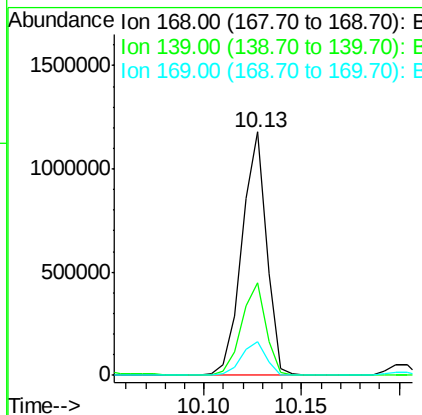
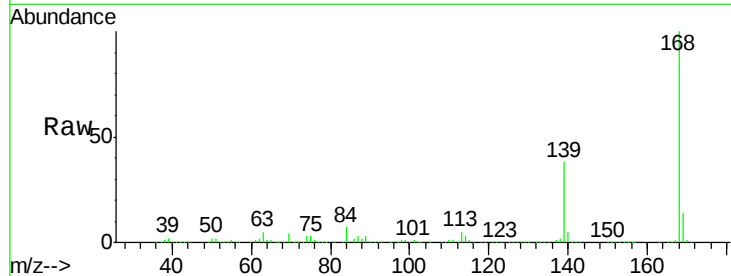




#55
Dibenzofuran
Concen: 38.506 ng
RT: 10.13 min Scan# 1367
Delta R.T. -0.01 min
Lab File: BF115606.D
Acq: 16 Jul 2019 19:18

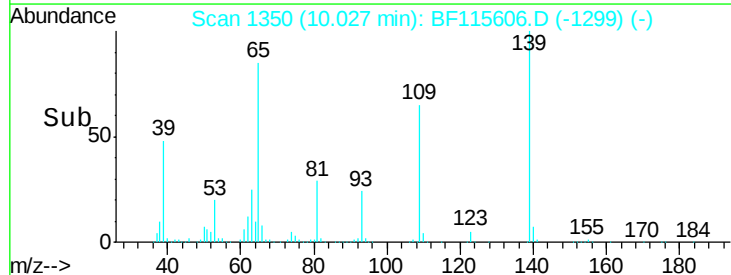
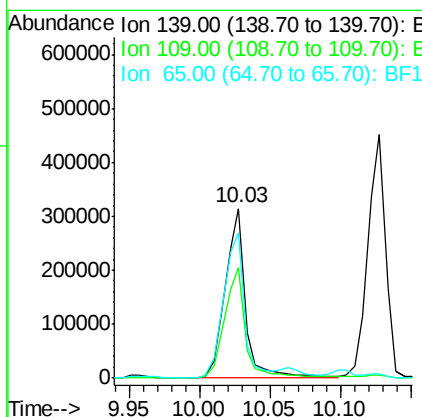
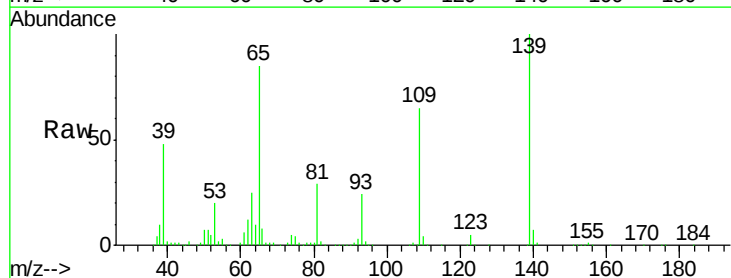
Instrument :
BNA_F
ClientSampleId :

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

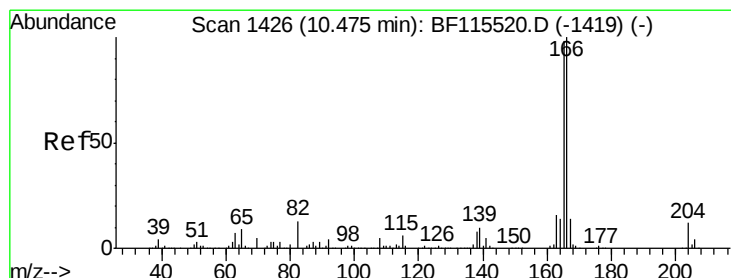
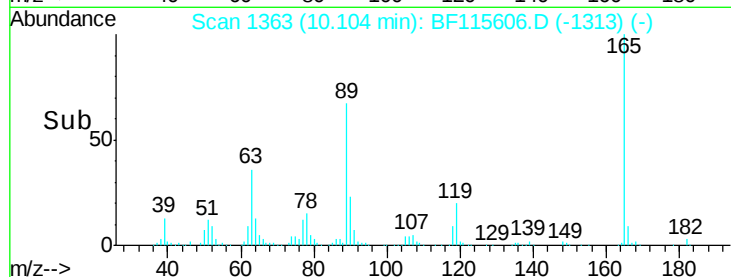
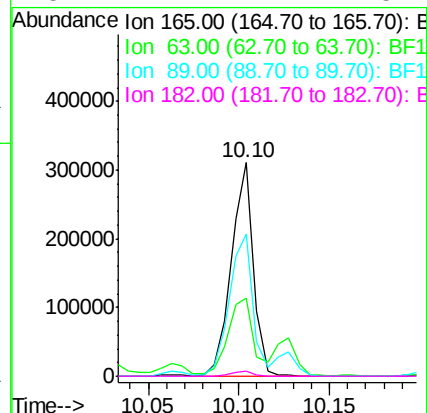
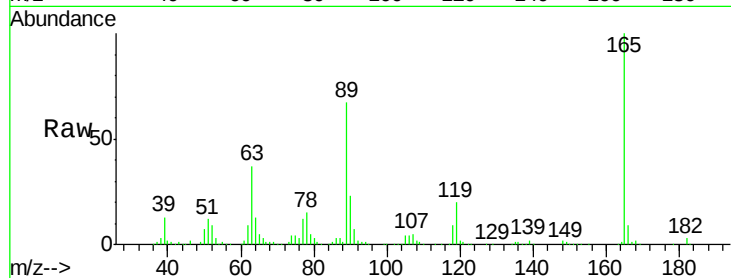




#57
2,4-Dinitrotoluene
Concen: 38.943 ng
RT: 10.10 min Scan# 1363
Delta R.T. -0.01 min
Lab File: BF115606.D
Acq: 16 Jul 2019 19:18

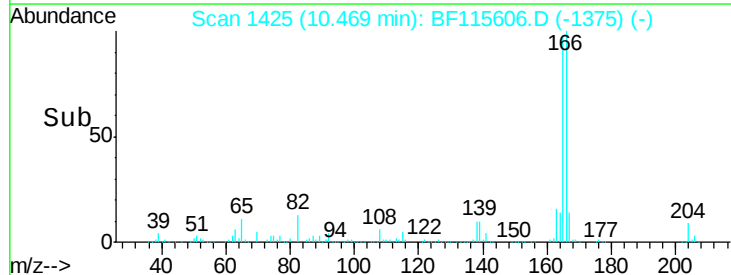
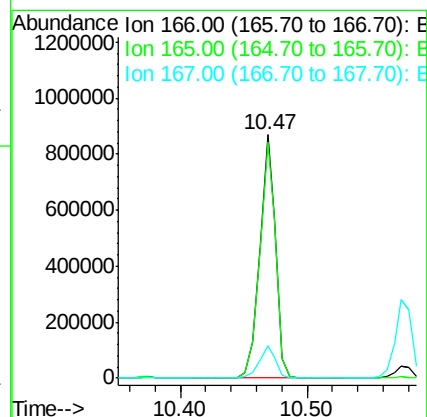
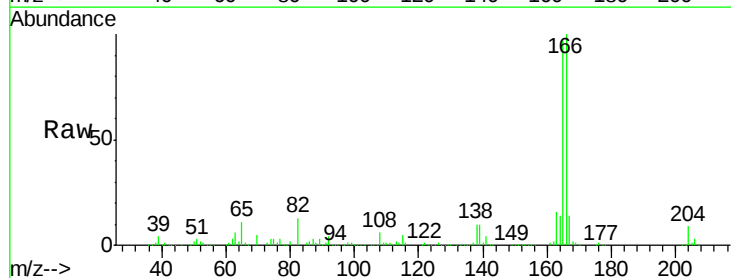
Instrument :
BNA_F
ClientSampled :

Tot Ion:	165	Resp:	261475
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



#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:	166	Resp:	760323
Ion	Ratio	Lower	Upper
166	100		
165	97.1	79.8	119.6
167	13.6	11.2	16.8

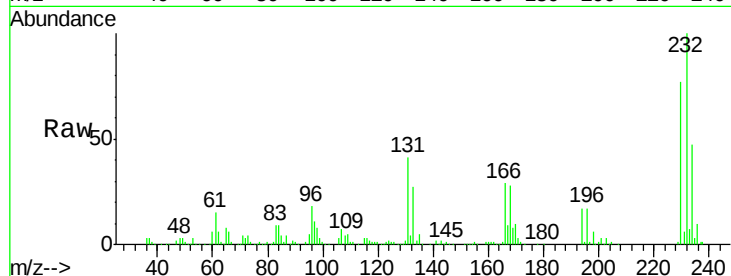




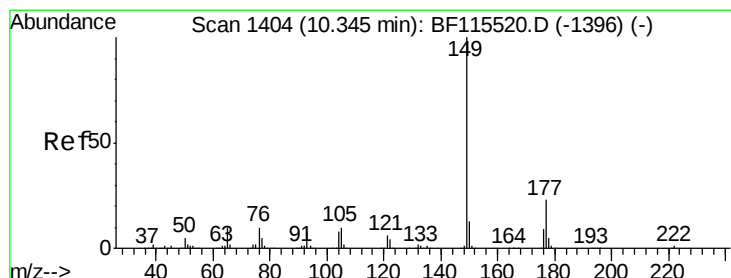
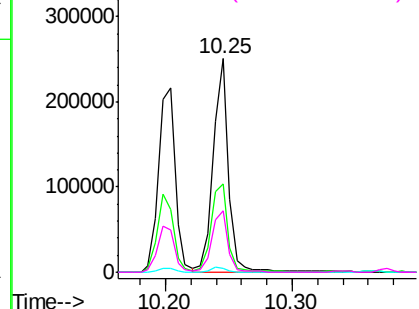
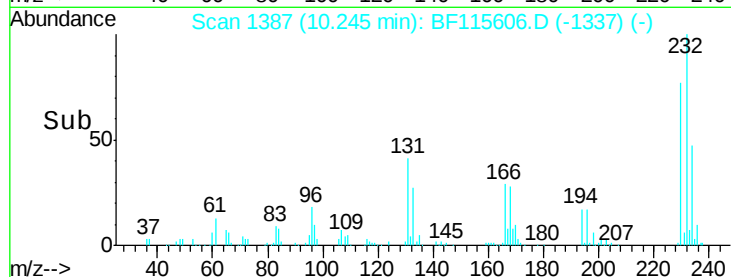
#59
2,3,4,6-Tetrachlorophenol
Concen: 37.029 ng
RT: 10.25 min Scan# 1387
Delta R.T. -0.01 min
Lab File: BF115606.D
Acq: 16 Jul 2019 19:18

Instrument :
BNA_F
ClientSampleId :

Tot Ion	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

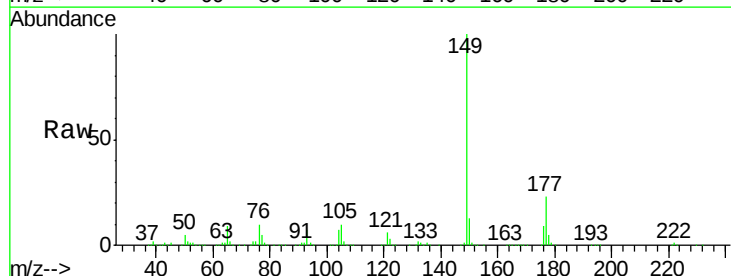


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

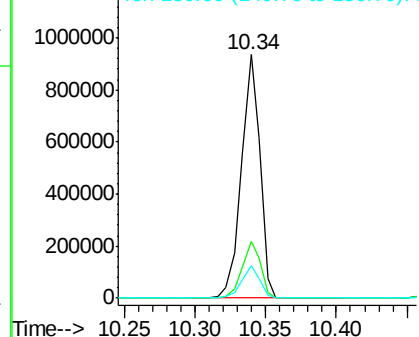
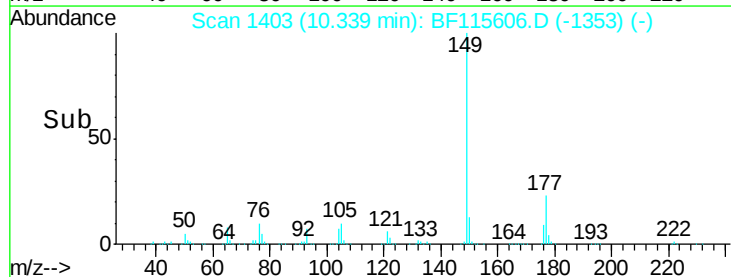


#60
Diethylphthalate
Concen: 39.940 ng
RT: 10.34 min Scan# 1403
Delta R.T. -0.01 min
Lab File: BF115606.D
Acq: 16 Jul 2019 19:18

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



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

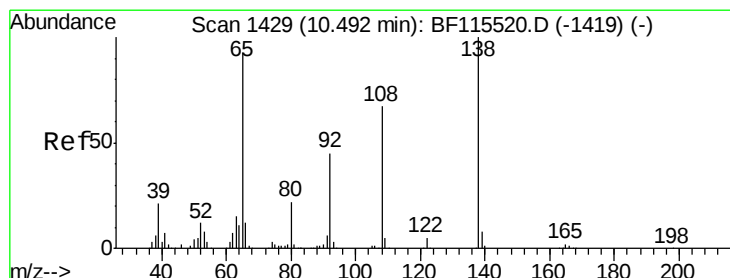
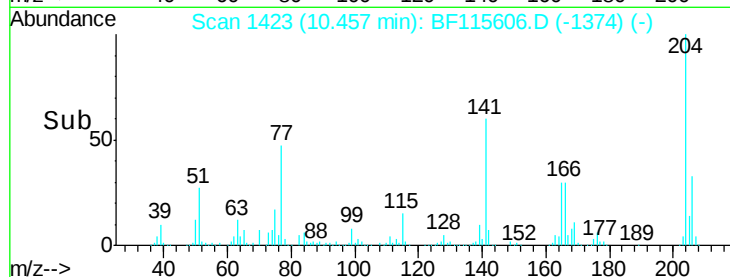
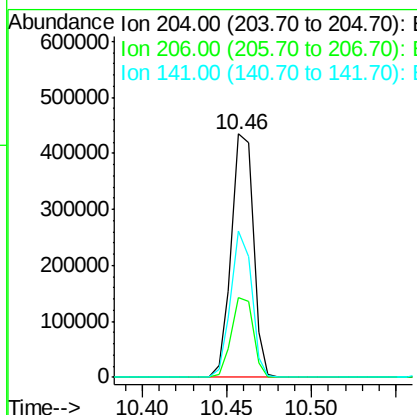
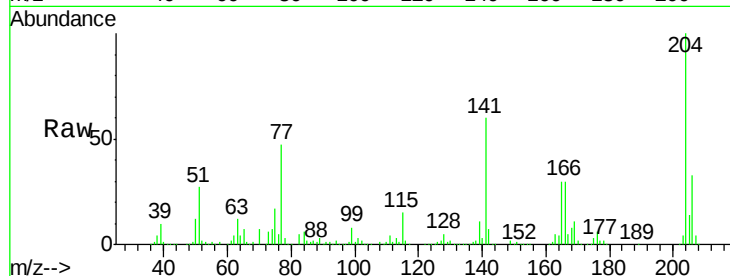




#61
 4-Chlorophenyl-phenylether
 Concen: 37.140 ng
 RT: 10.46 min Scan# 1423
 Delta R.T. -0.01 min
 Lab File: BF115606.D
 Acq: 16 Jul 2019 19:18

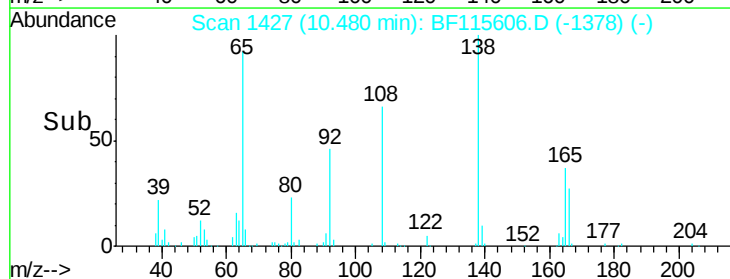
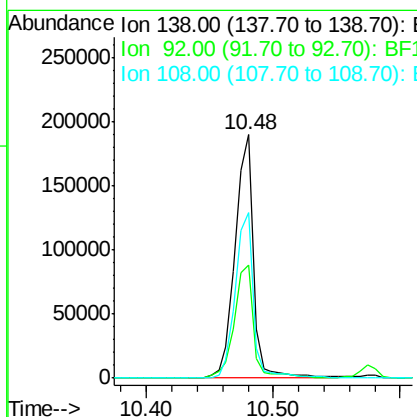
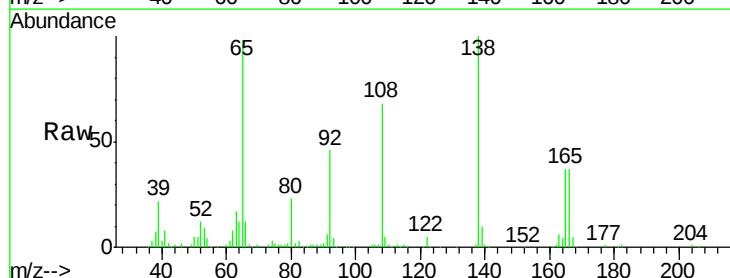
Instrument :
 BNA_F
 ClientSampleId :

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

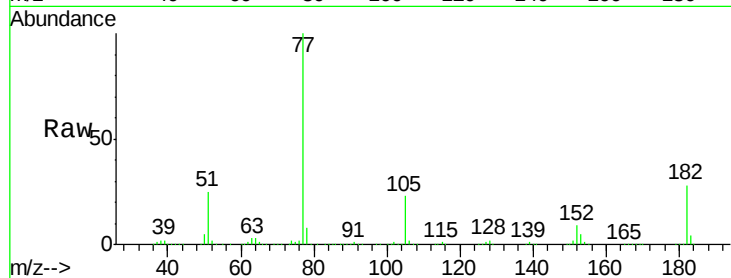




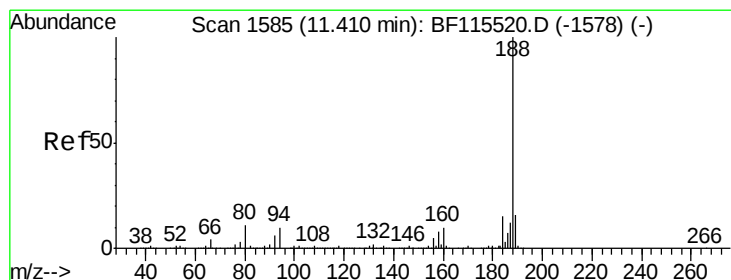
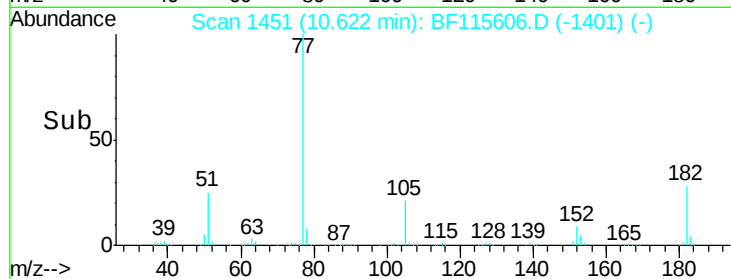
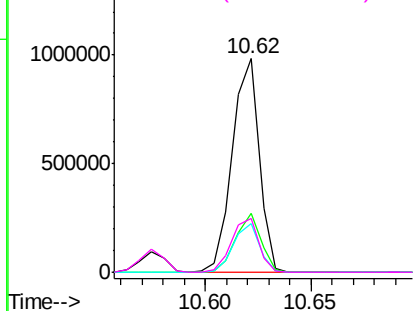
#63
Azobenzene
Concen: 41.594 ng
RT: 10.62 min Scan# 1451
Delta R.T. -0.01 min
Lab File: BF115606.D
Acq: 16 Jul 2019 19:18

Instrument :
BNA_F
ClientSampleId :

Tot Ion	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

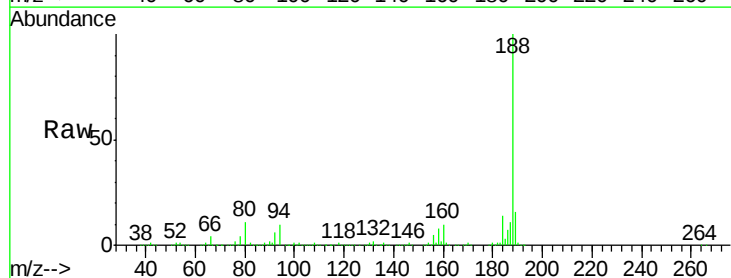


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

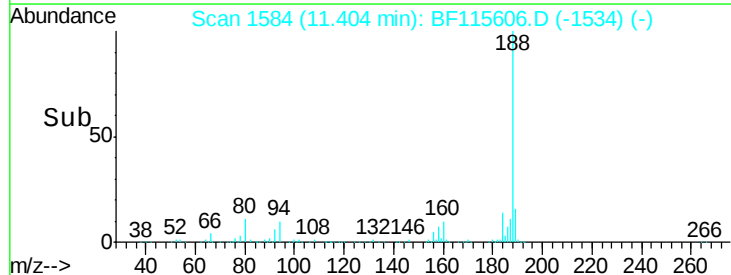
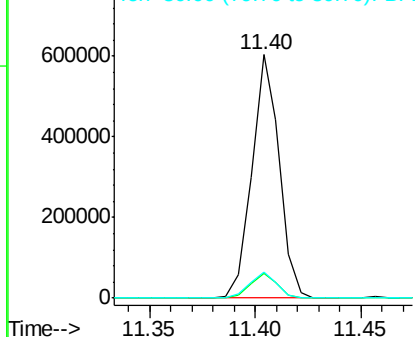


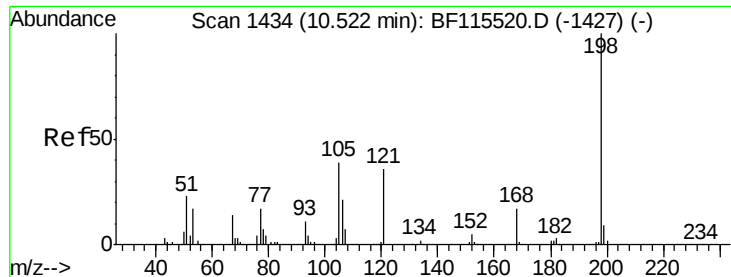
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1584
Delta R.T. -0.01 min
Lab File: BF115606.D
Acq: 16 Jul 2019 19:18

Tgt 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): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1





#65

4,6-Dinitro-2-methylphenol

Concen: 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 :

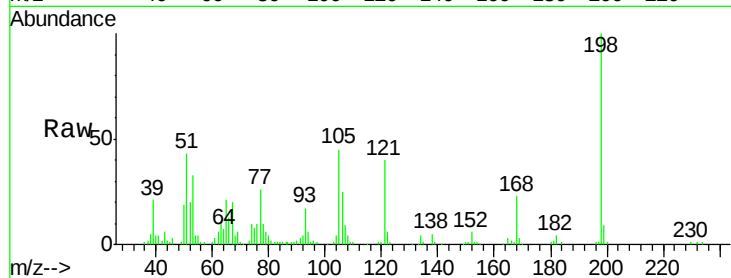
Tot Ion:198 Resp: 60578

Ion Ratio Lower Upper

198 100

51 43.1 19.1 59.1

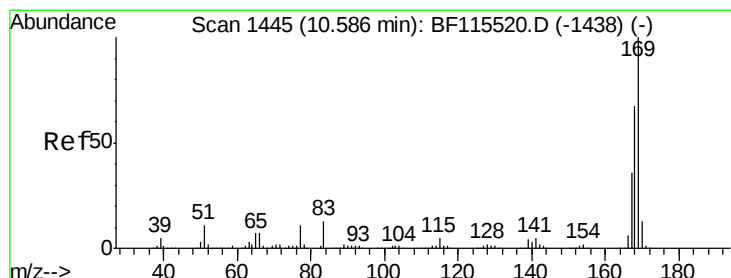
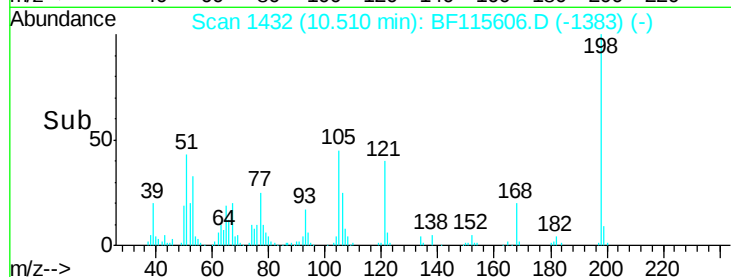
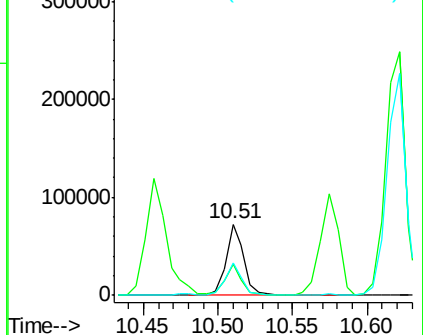
105 45.4 23.6 63.6



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

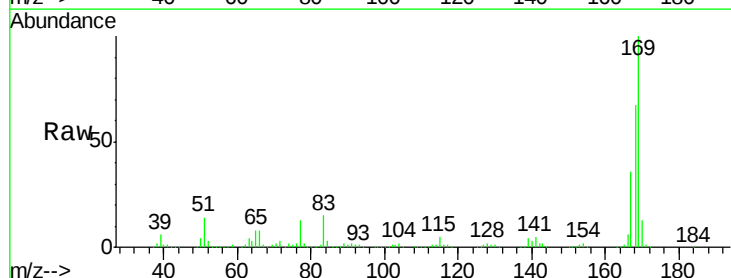
Tgt Ion:169 Resp: 709164

Ion Ratio Lower Upper

169 100

168 67.4 54.3 81.5

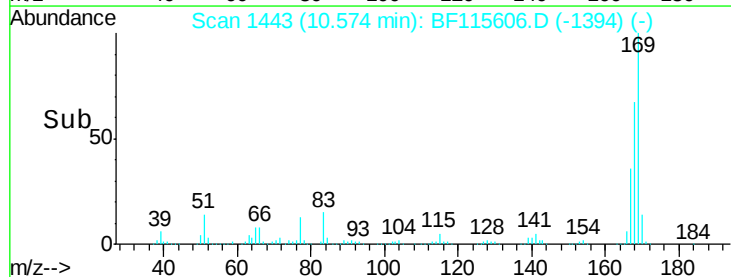
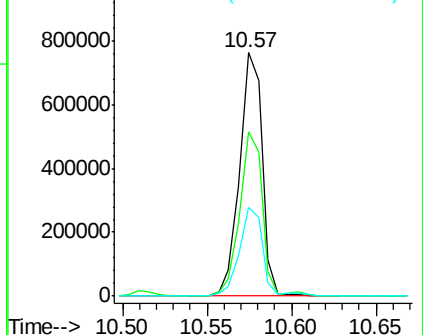
167 36.5 30.2 45.2

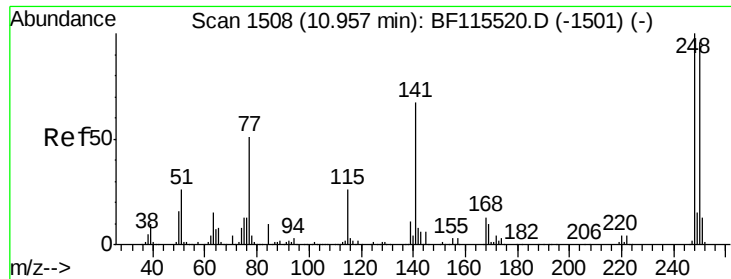


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

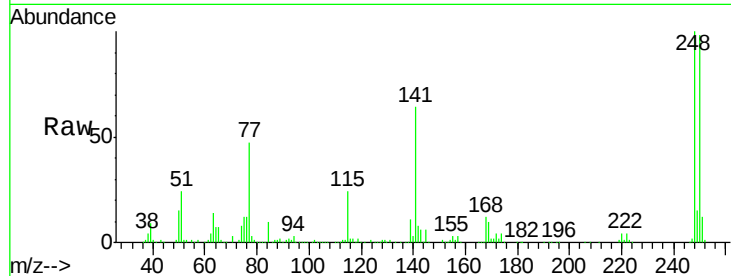




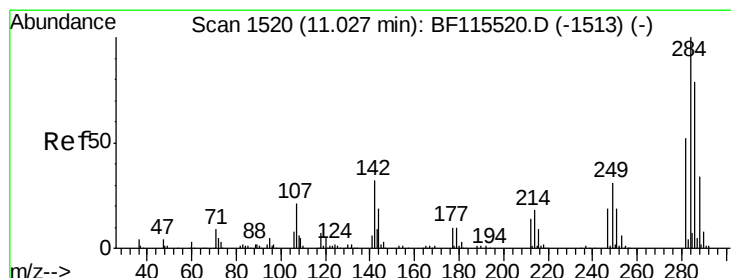
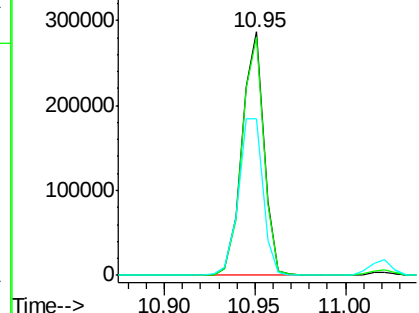
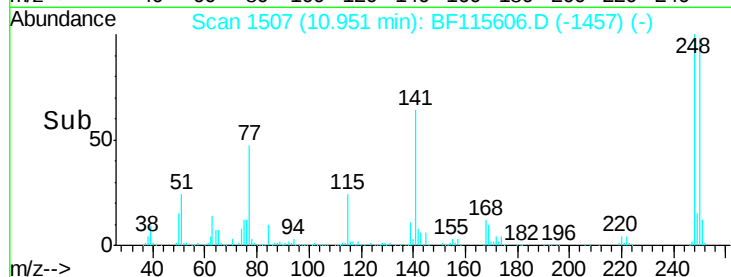
#67
4-Bromophenyl-phenylether
Concen: 38.871 ng
RT: 10.95 min Scan# 1507
Delta R.T. -0.01 min
Lab File: BF115606.D
Acq: 16 Jul 2019 19:18

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

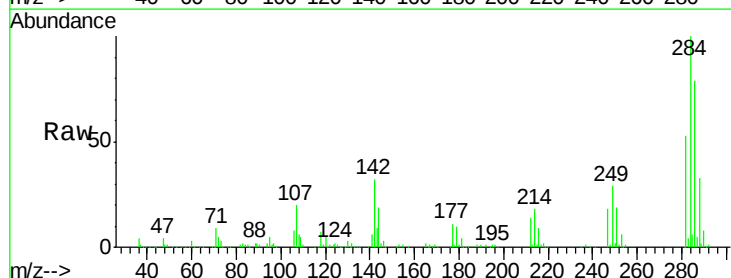


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

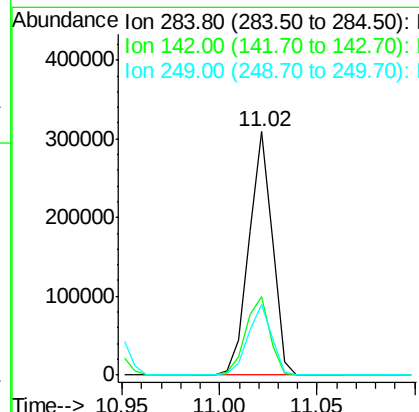
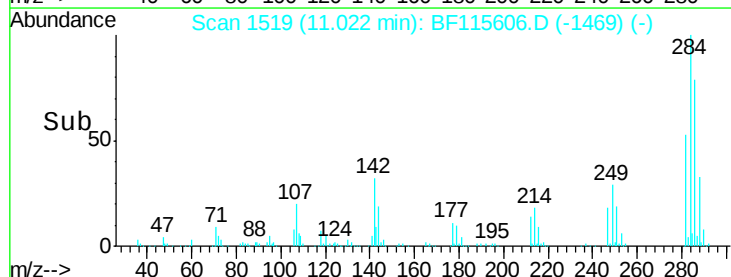


#68
Hexachlorobenzene
Concen: 36.409 ng
RT: 11.02 min Scan# 1519
Delta R.T. -0.01 min
Lab File: BF115606.D
Acq: 16 Jul 2019 19:18

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 :

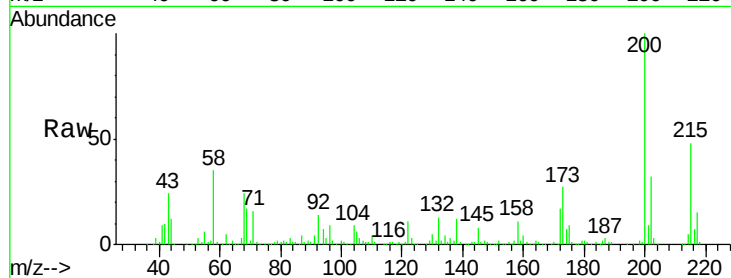
Tot Ion:200 Resp: 228976

Ion Ratio Lower Upper

200 100

173 26.9 6.9 46.9

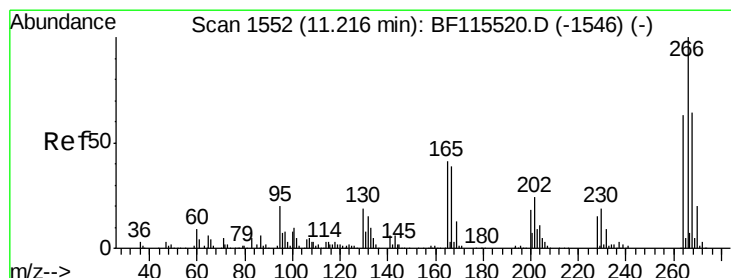
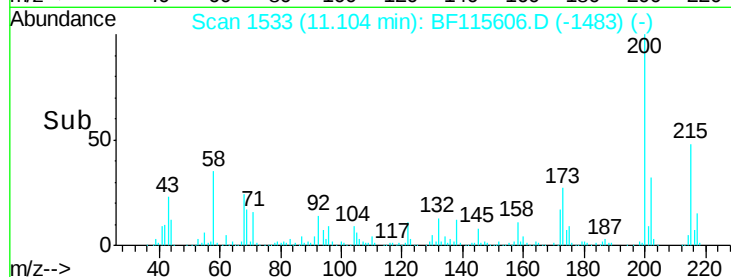
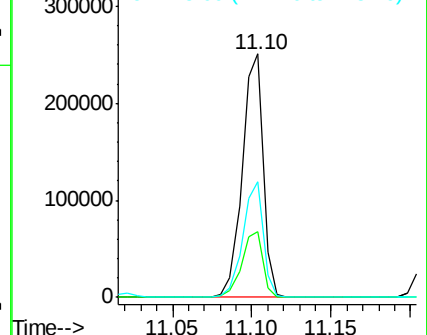
215 47.6 27.9 67.9



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

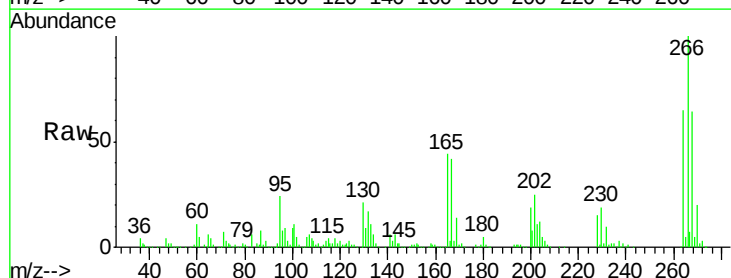
Tgt Ion:266 Resp: 263144

Ion Ratio Lower Upper

266 100

268 63.8 51.6 77.4

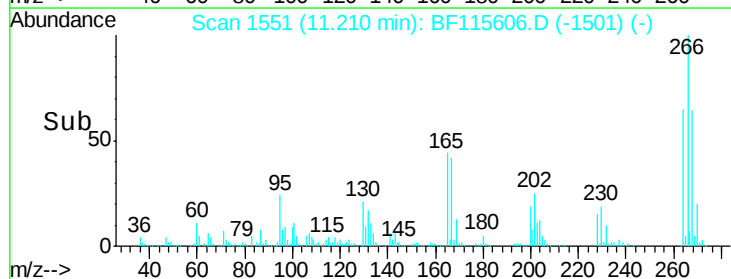
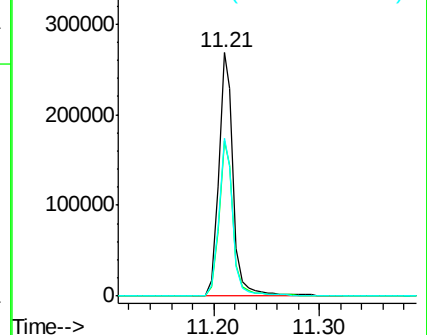
264 64.7 50.6 76.0

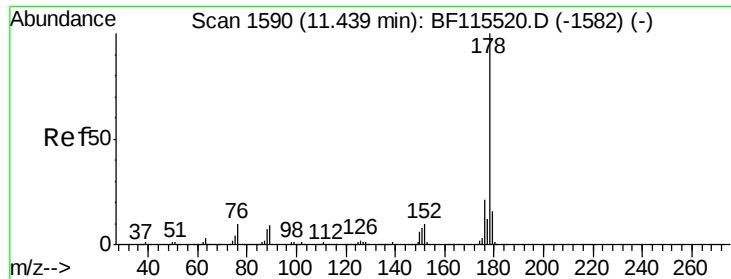


Abundance Ion 265.70 (265.40 to 266.40): E

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 :

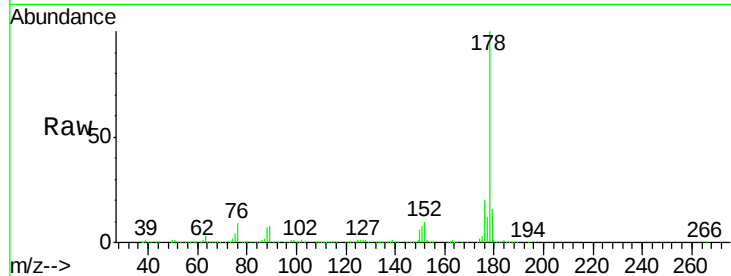
Tot Ion:178 Resp: 1254479

Ion Ratio Lower Upper

178 100

176 20.1 17.2 25.8

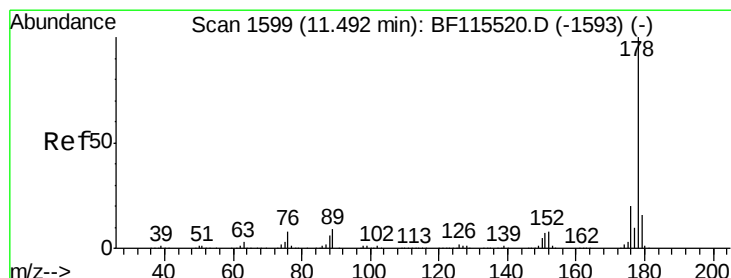
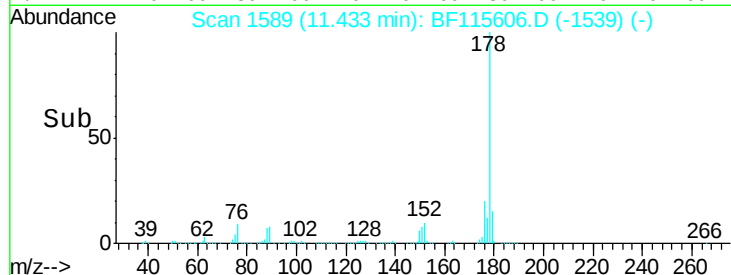
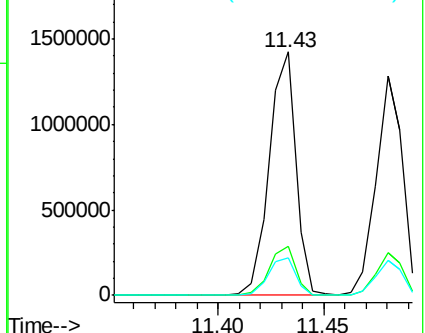
179 15.6 13.5 20.3



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 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

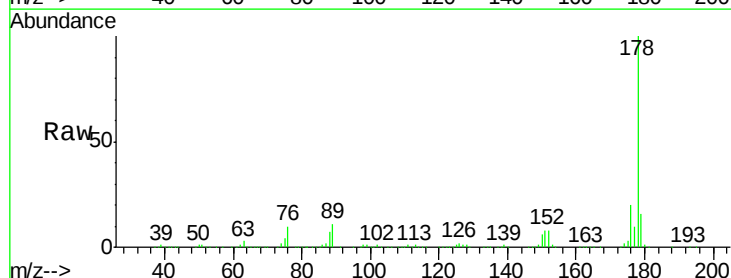
Tgt Ion:178 Resp: 1132872

Ion Ratio Lower Upper

178 100

176 19.6 15.9 23.9

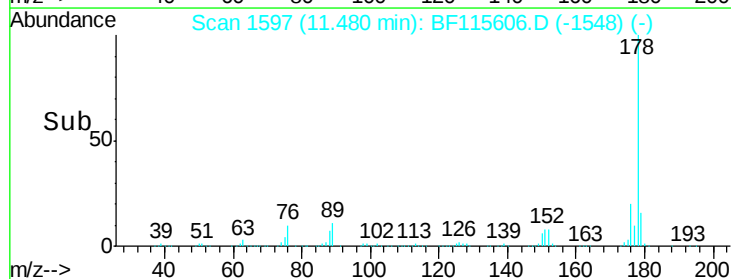
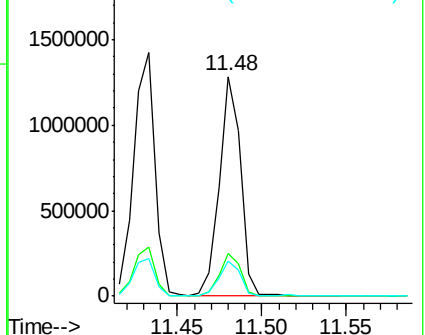
179 15.9 12.7 19.1

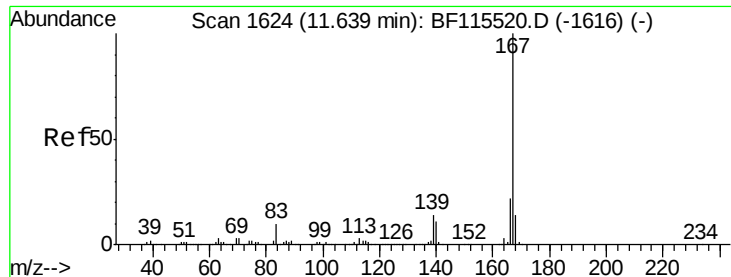


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#73

Carbazole

Concen: 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 :

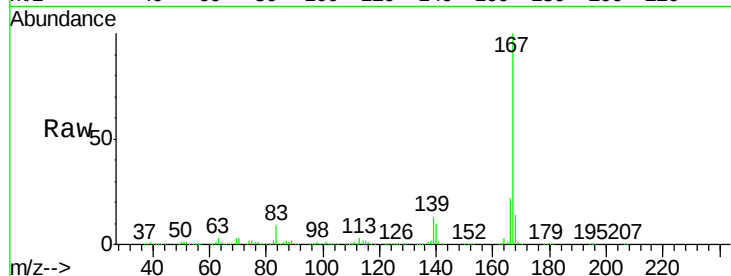
Tot Ion:167 Resp: 976291

Ion Ratio Lower Upper

167 100

166 22.1 18.1 27.1

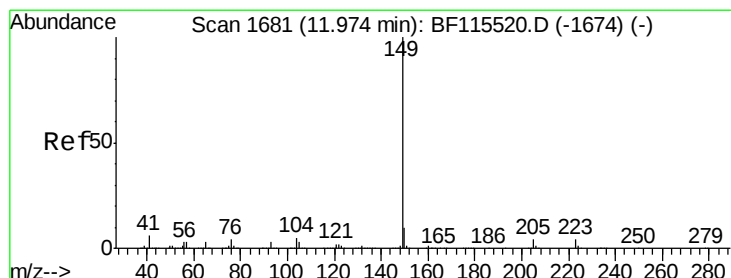
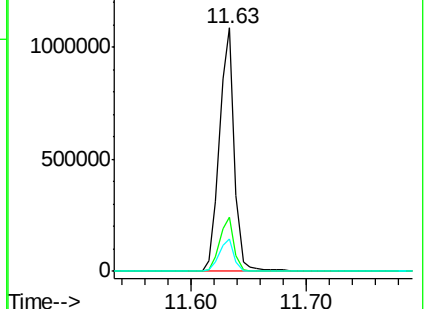
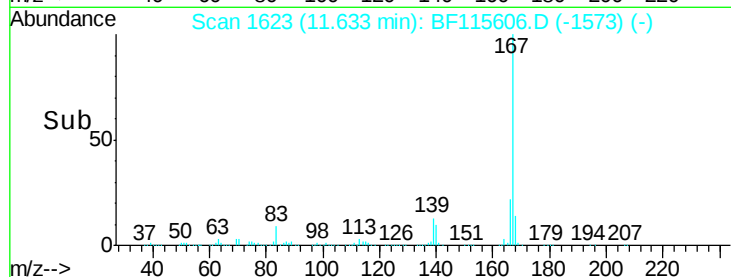
139 13.1 11.3 16.9



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

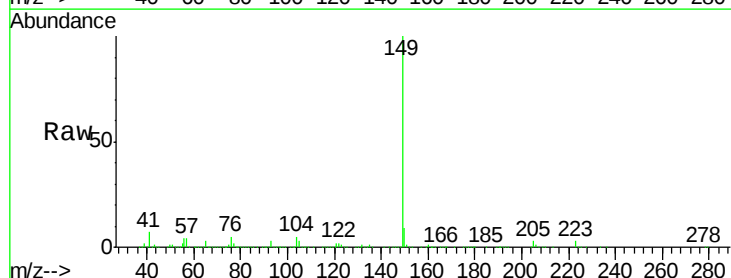
Tgt Ion:149 Resp: 1185187

Ion Ratio Lower Upper

149 100

150 9.4 7.7 11.5

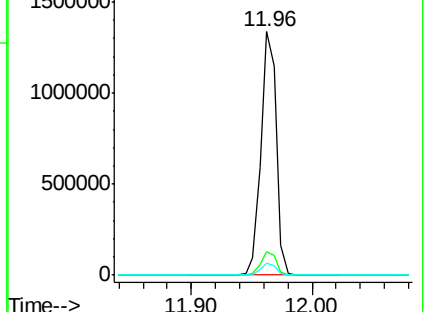
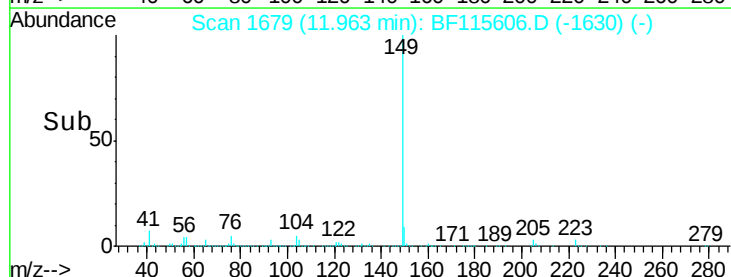
104 5.1 3.8 5.8

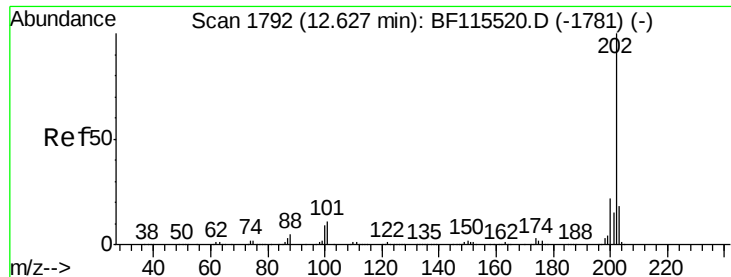


Abundance Ion 149.00 (148.70 to 149.70): E

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 :

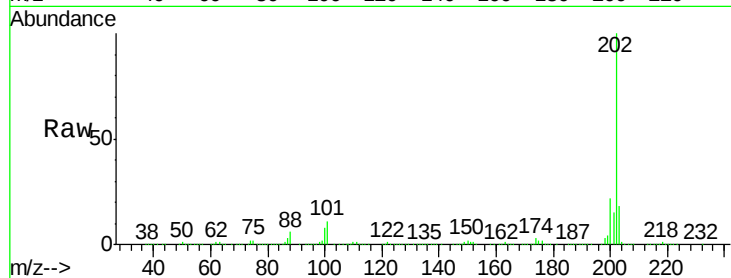
Tot Ion:202 Resp: 1365016

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

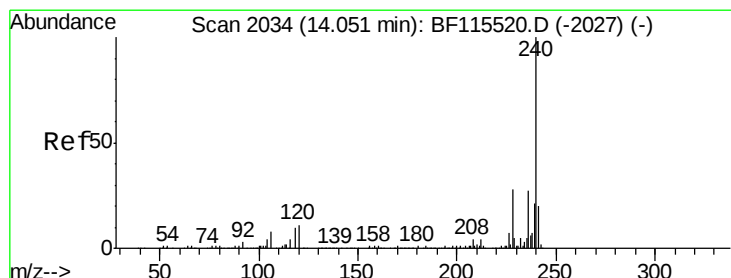
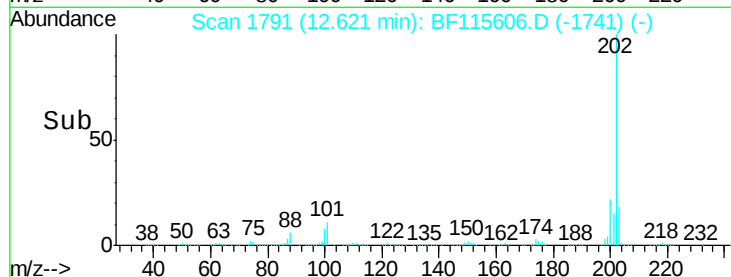
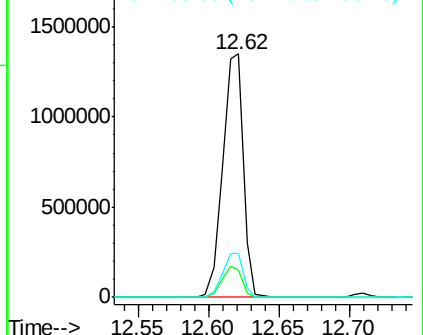
203 17.9 0.0 38.1



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

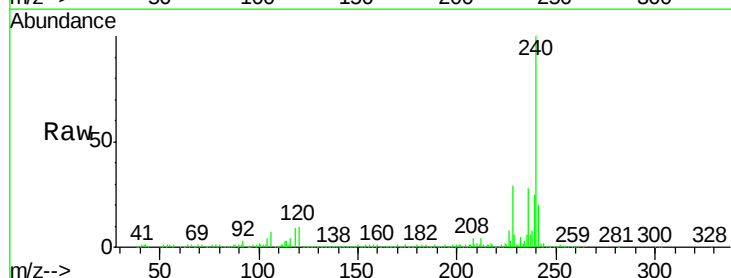
Tgt Ion:240 Resp: 324258

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

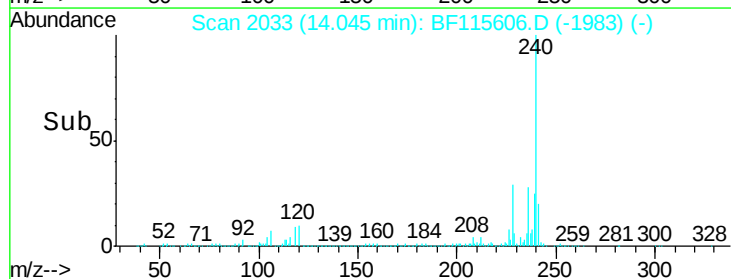
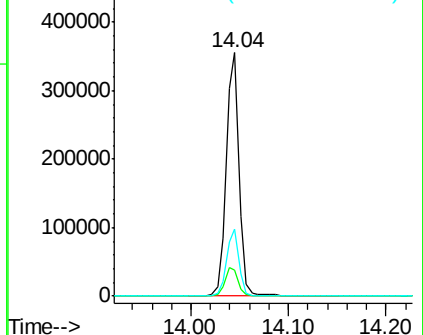
236 27.7 21.3 31.9

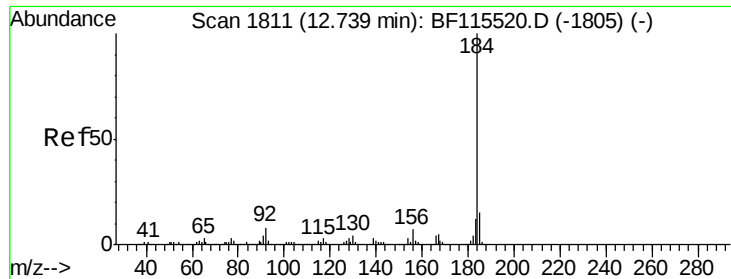


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

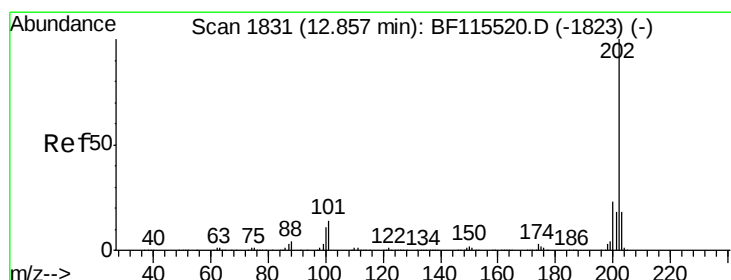
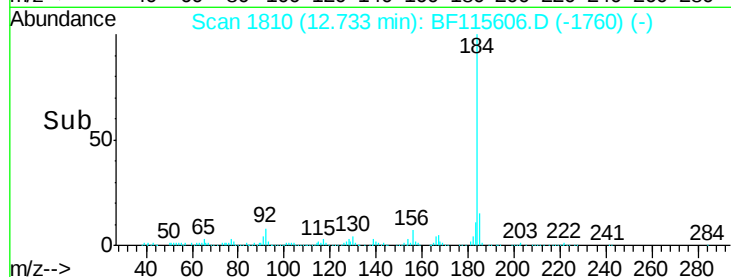
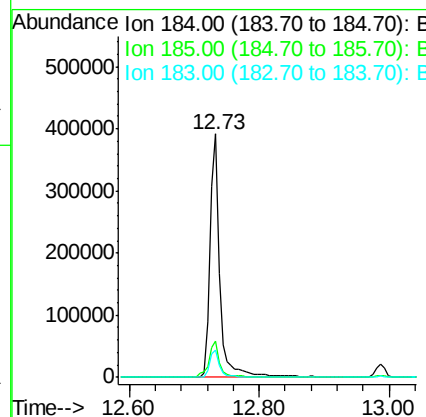
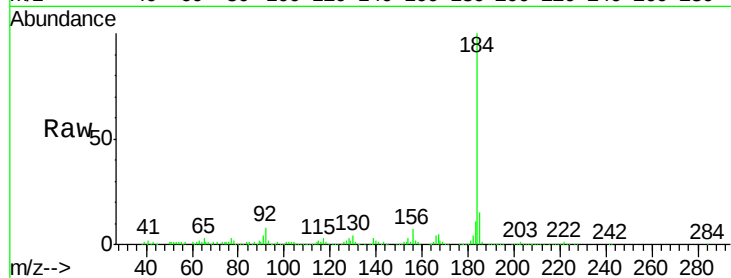




#77
Benzidine
Concen: 35.884 ng
RT: 12.73 min Scan# 1810
Delta R.T. -0.01 min
Lab File: BF115606.D
Acq: 16 Jul 2019 19:18

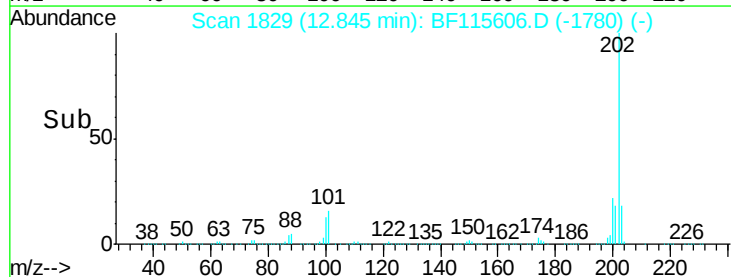
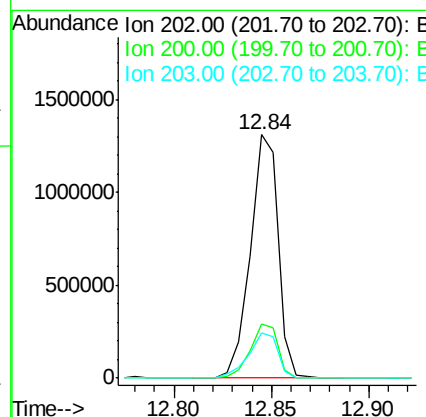
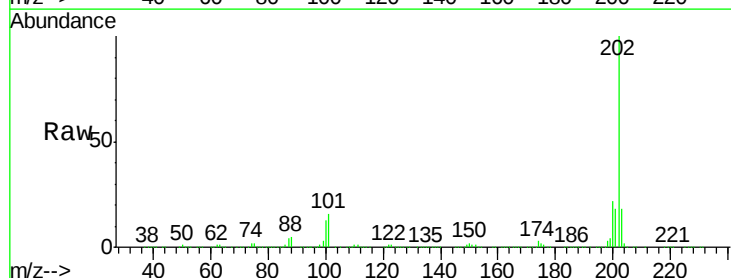
Instrument :
BNA_F
ClientSampleId :

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



#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





#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 :

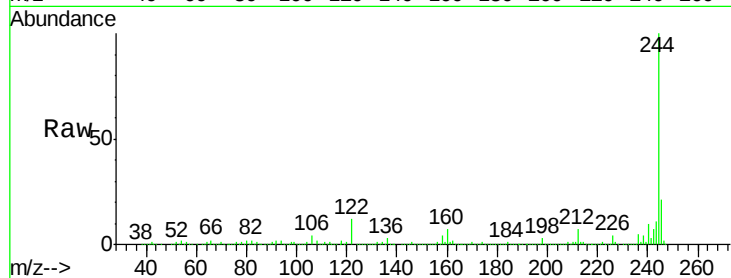
Tot Ion:244 Resp: 1406411

Ion Ratio Lower Upper

244 100

212 7.0 6.0 9.0

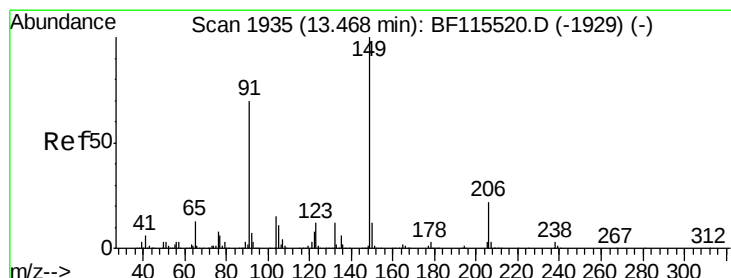
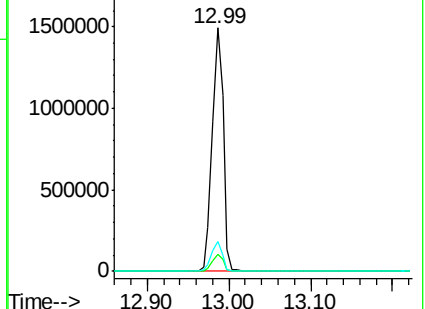
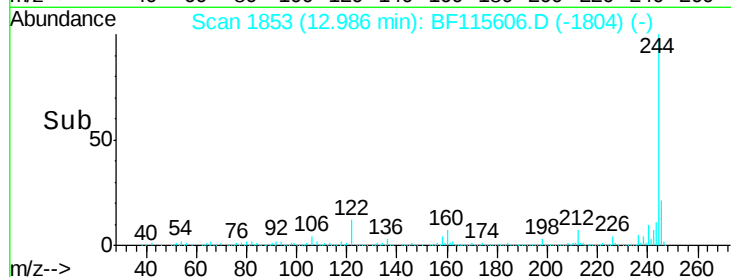
122 12.5 8.6 12.8



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 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

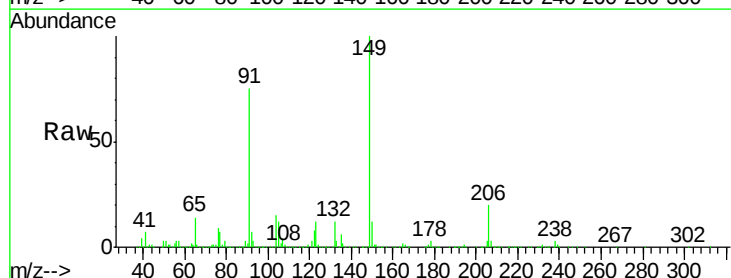
Tgt Ion:149 Resp: 429162

Ion Ratio Lower Upper

149 100

91 75.0 55.8 83.8

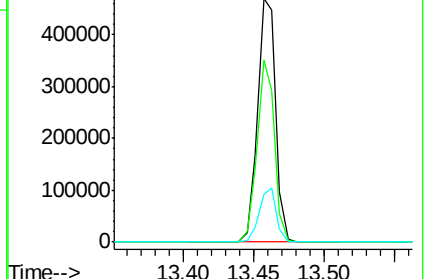
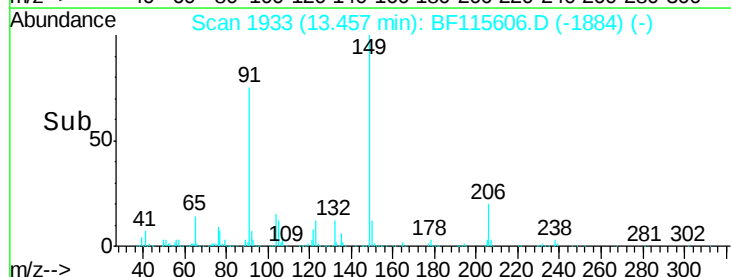
206 19.8 18.2 27.2

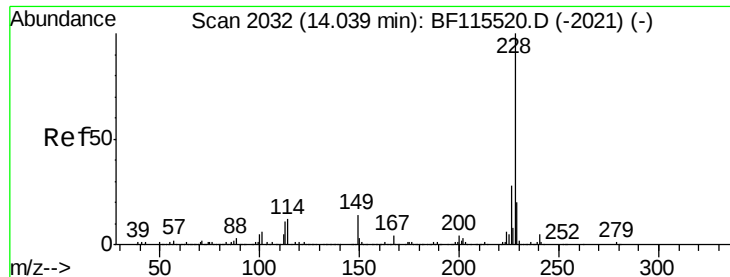


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 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

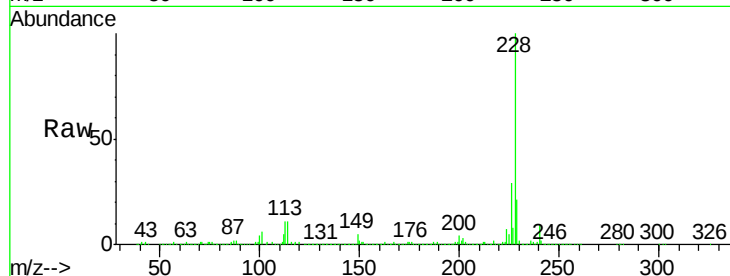
Instrument :

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

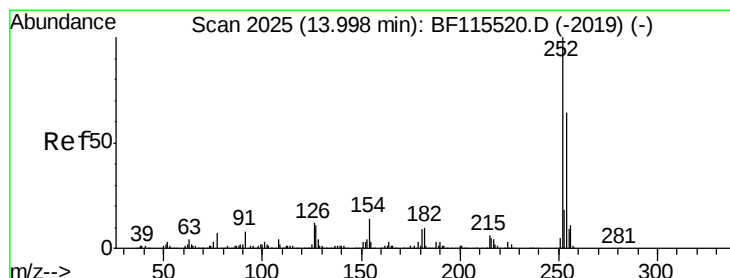
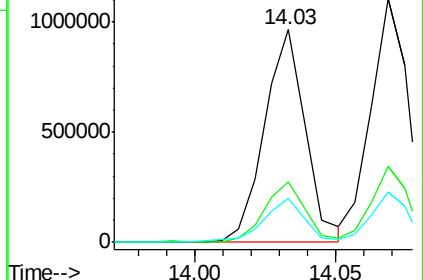
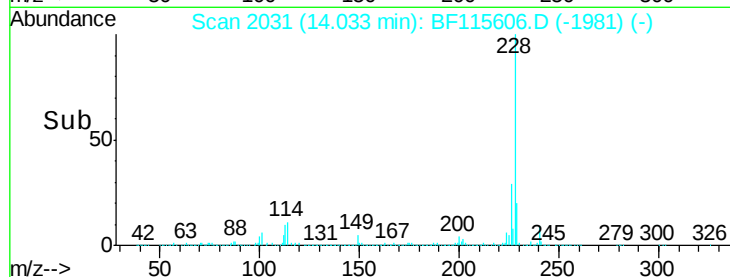


Abundance

Ion 228.00 (227.70 to 228.70): E

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

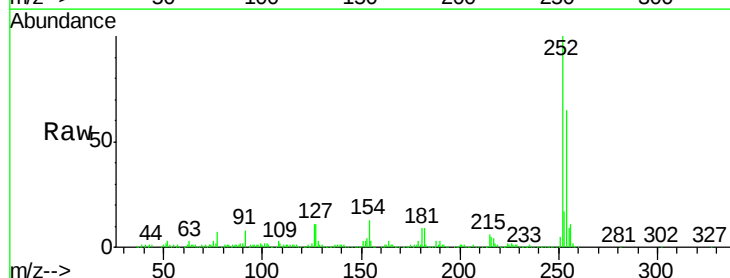
Delta R.T. -0.01 min

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

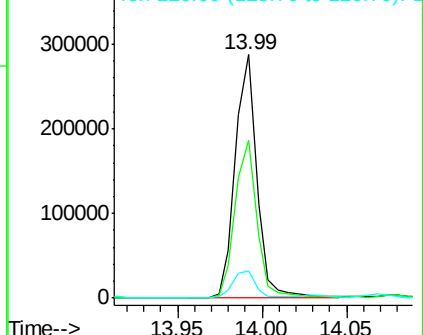
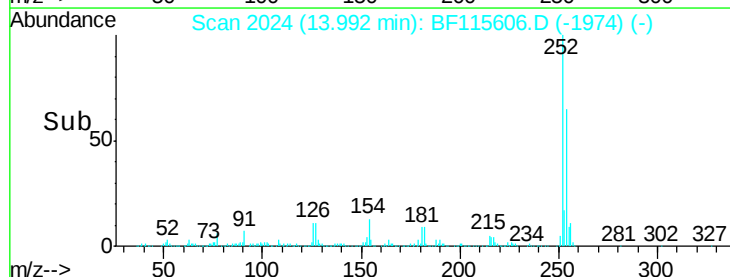


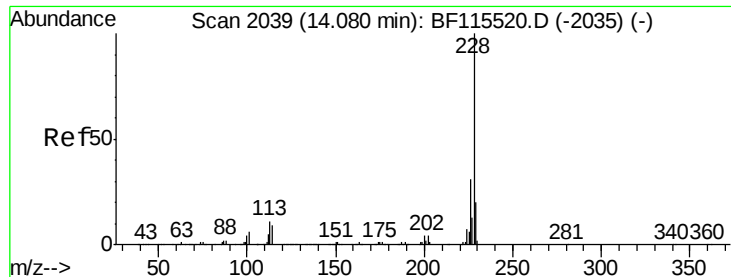
Abundance

Ion 252.00 (251.70 to 252.70): E

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 :

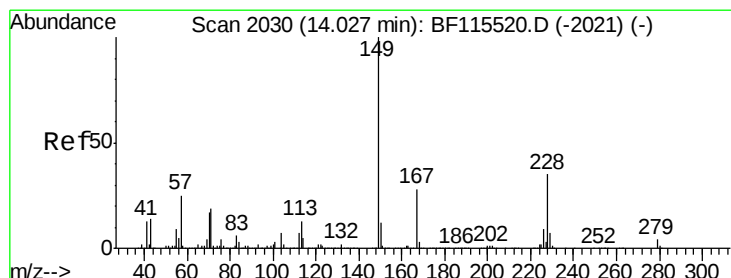
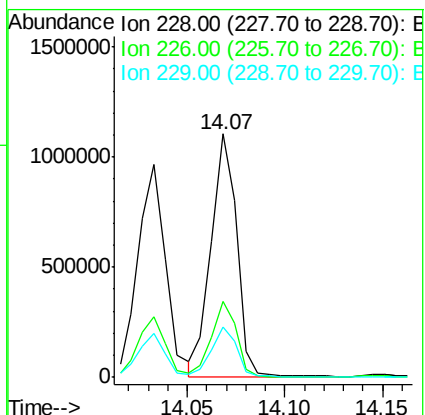
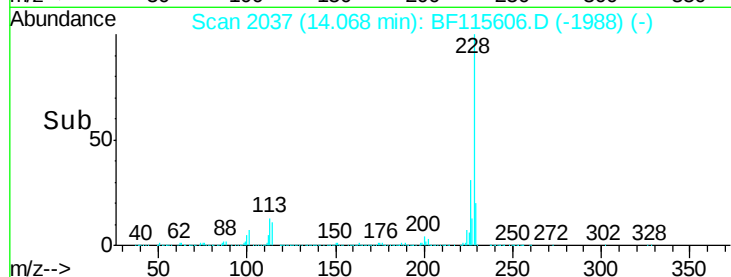
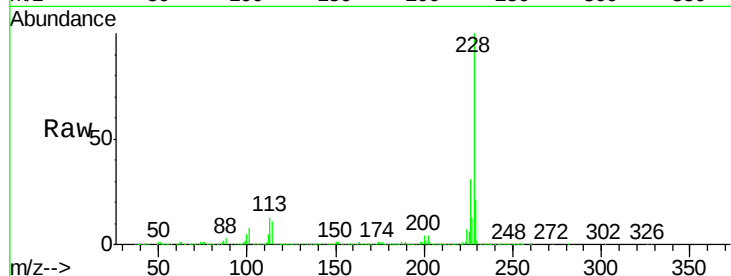
Tot Ion:228 Resp: 1002472

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

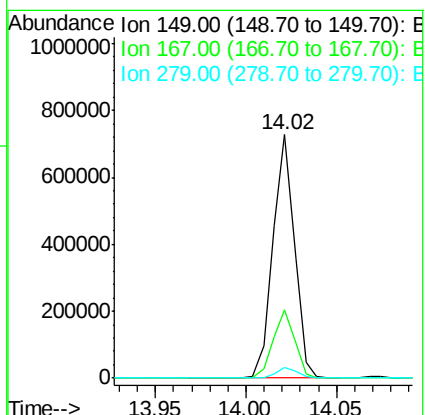
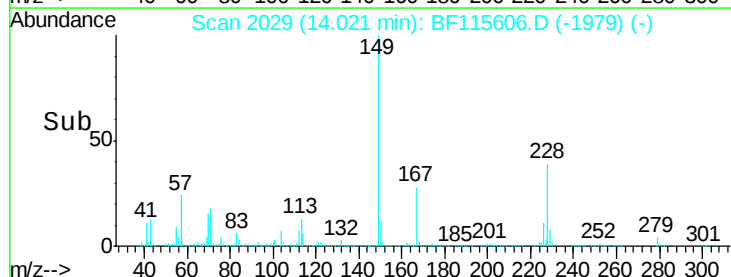
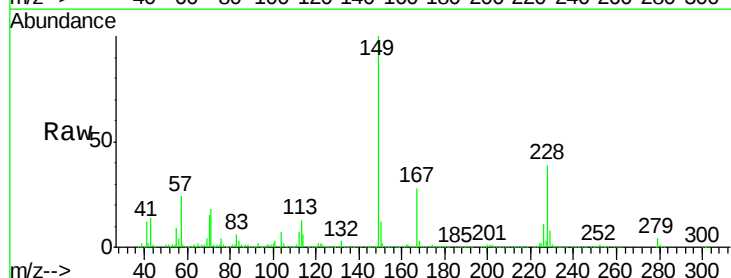
Tgt Ion:149 Resp: 599007

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 :

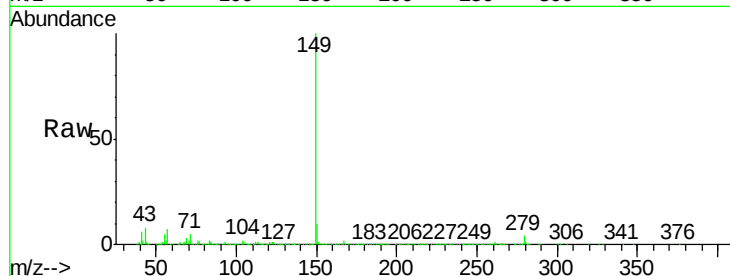
Tot Ion:149 Resp: 1051076

Ion Ratio Lower Upper

149 100

167 1.6 1.4 2.0

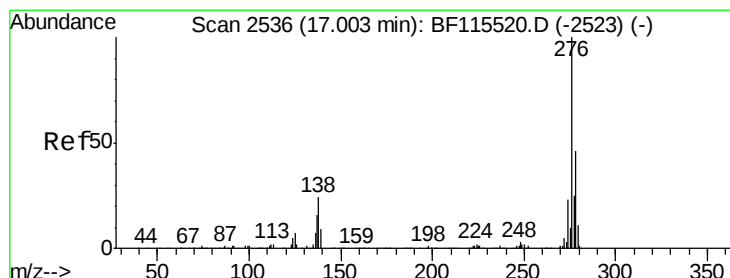
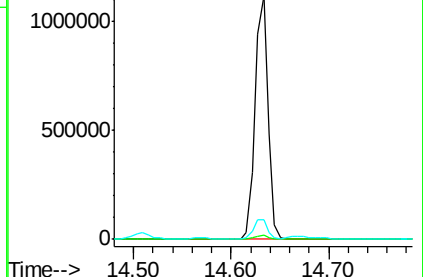
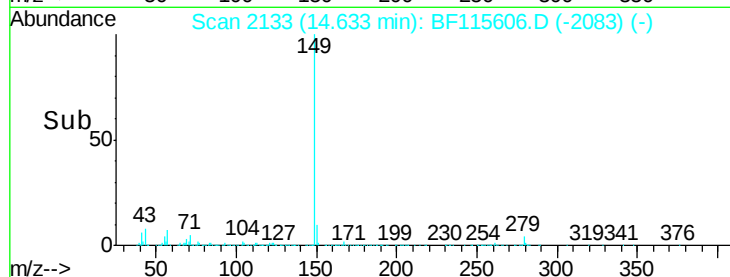
43 8.3 7.2 10.8



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

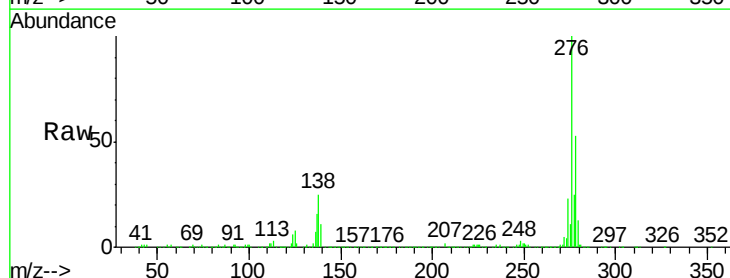
Tgt Ion:276 Resp: 954324

Ion Ratio Lower Upper

276 100

138 25.9 20.2 30.2

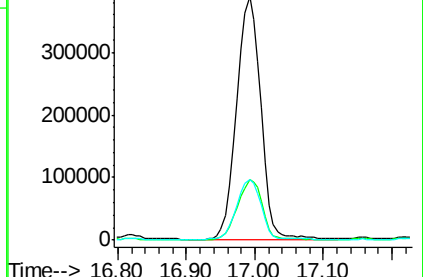
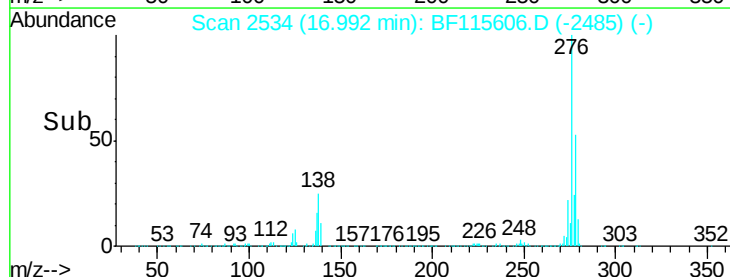
277 25.2 20.4 30.6

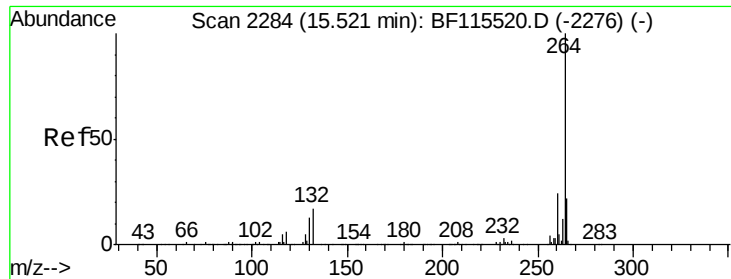


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



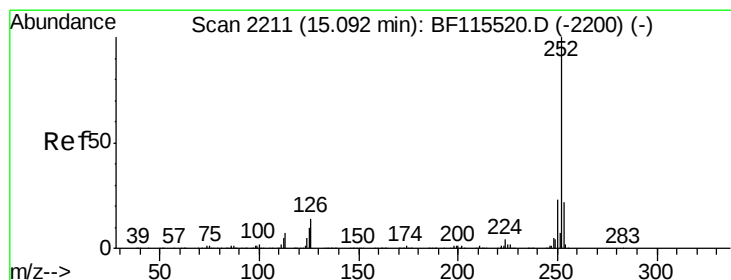
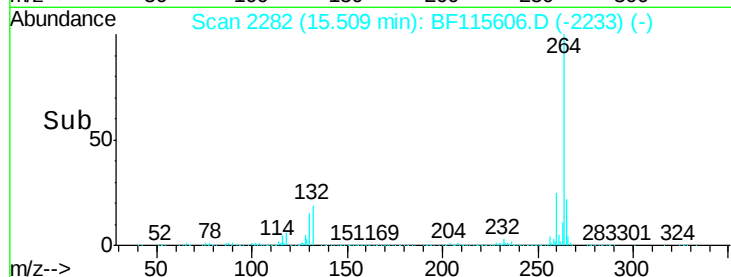
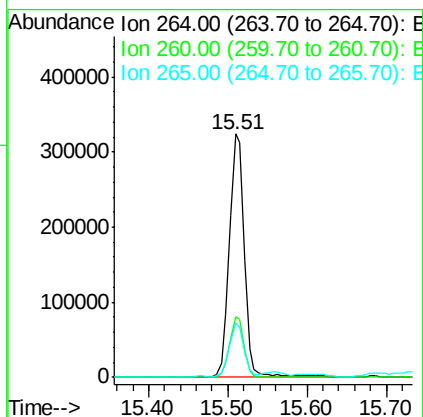
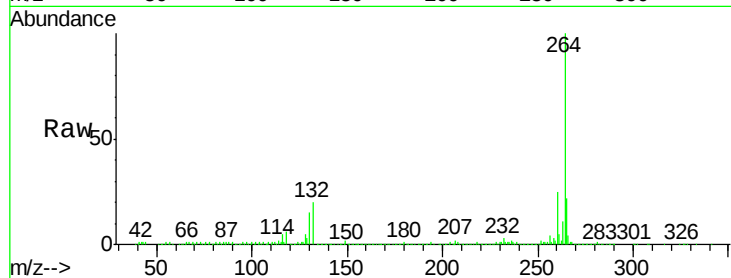


#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.51 min Scan# 2282
Delta R.T. -0.01 min
Lab File: BF115606.D
Acq: 16 Jul 2019 19:18

Instrument :
BNA_F
ClientSampleId :

Tot Ion:264 Resp: 422084

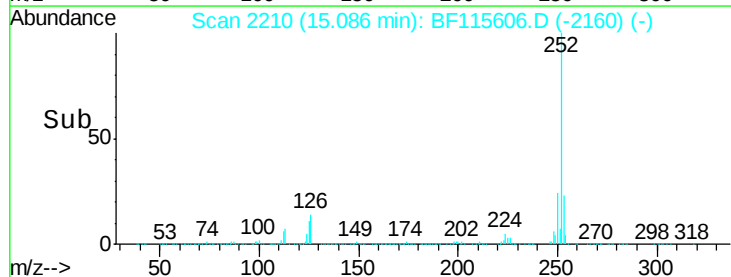
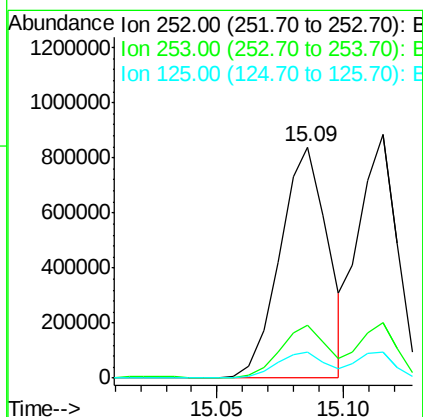
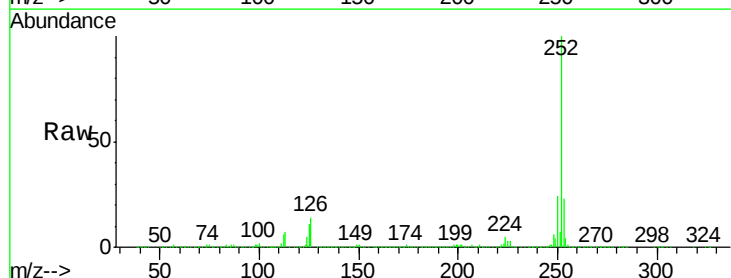
Ion	Ratio	Lower	Upper
264	100		
260	24.9	19.8	29.8
265	22.3	17.7	26.5

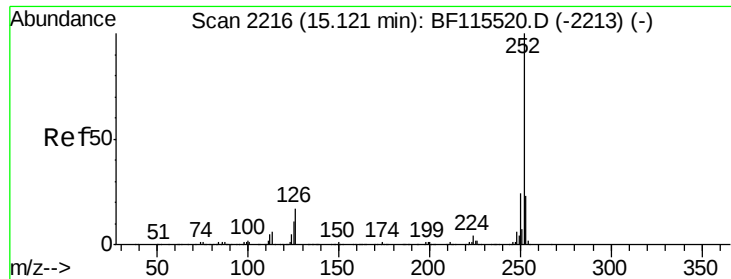


#88
Benzo(b)fluoranthene
Concen: 40.346 ng
RT: 15.09 min Scan# 2210
Delta R.T. -0.01 min
Lab File: BF115606.D
Acq: 16 Jul 2019 19:18

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

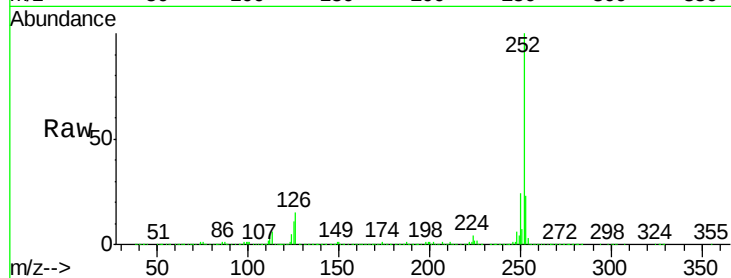




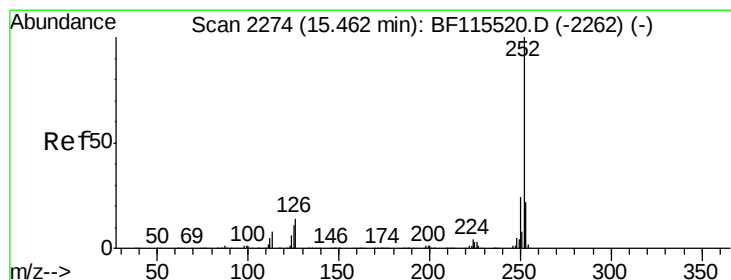
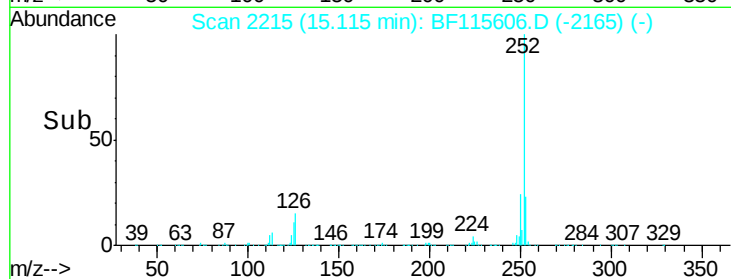
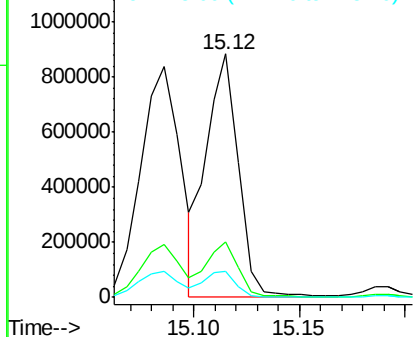
#89
Benzo(k)fluoranthene
Concen: 38.677 ng
RT: 15.12 min Scan# 2215
Delta R.T. -0.01 min
Lab File: BF115606.D
Acq: 16 Jul 2019 19:18

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

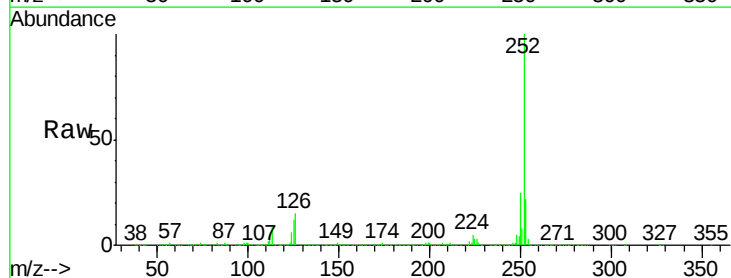


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

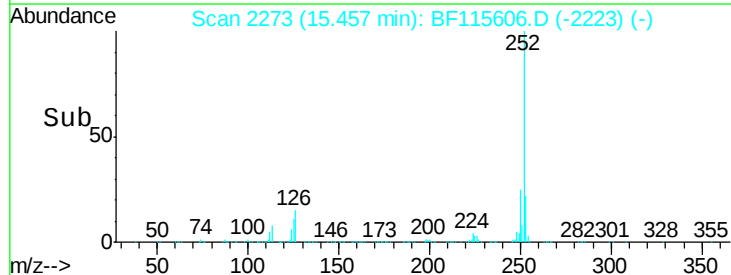
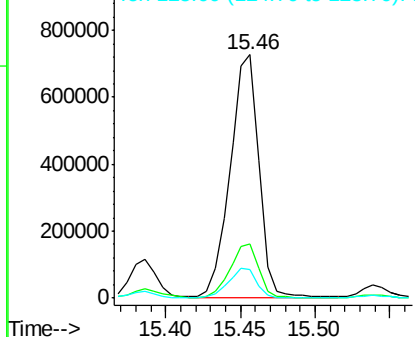


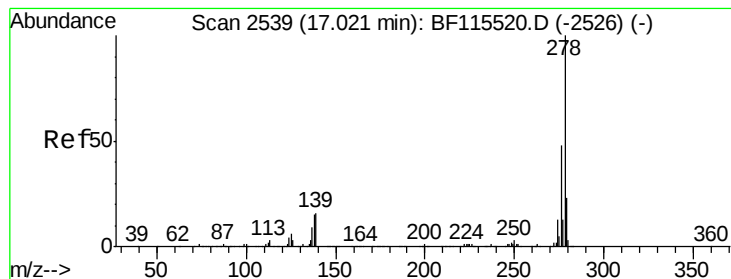
#90
Benzo(a)pyrene
Concen: 42.107 ng
RT: 15.46 min Scan# 2273
Delta R.T. -0.01 min
Lab File: BF115606.D
Acq: 16 Jul 2019 19:18

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 :

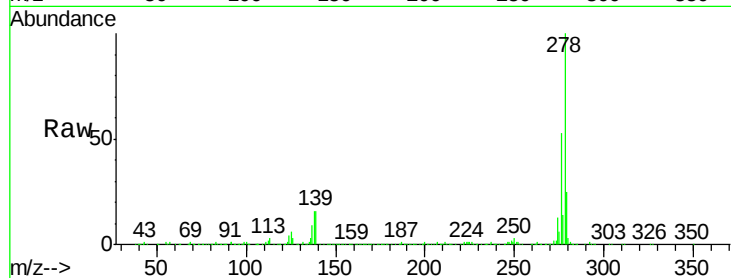
Tot Ion:278 Resp: 714881

Ion Ratio Lower Upper

278 100

139 15.5 13.1 19.7

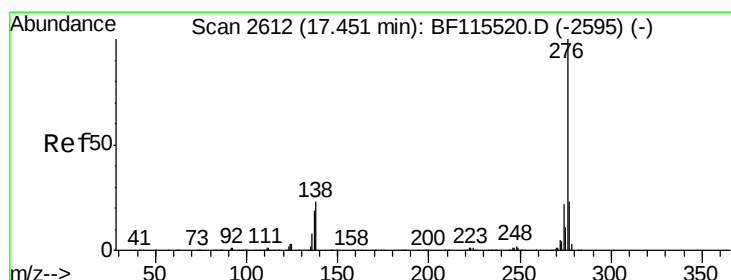
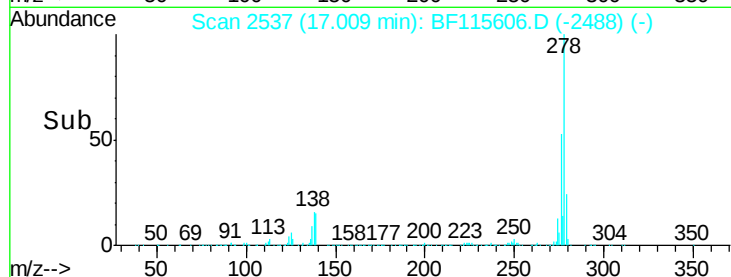
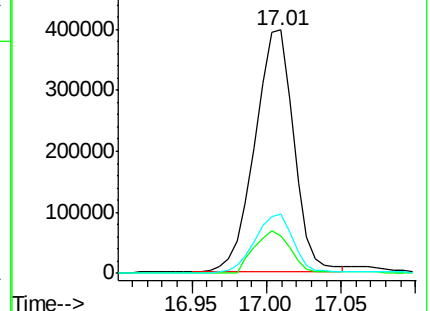
279 24.5 19.6 29.4



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

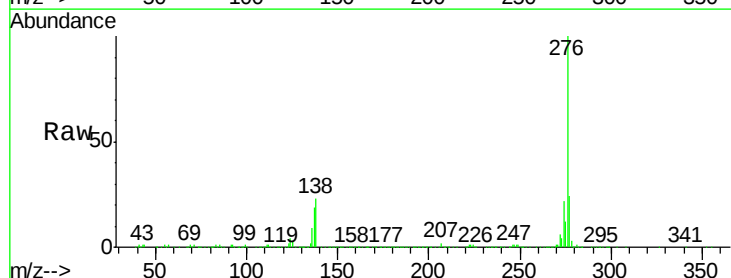
Tgt Ion:276 Resp: 760523

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

