

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112619\
 Data File : BF118026.D
 Acq On : 27 Nov 2019 4:05
 Operator : JU
 Sample : K6014-05
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 27 07:50:10 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF111319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 26 05:38:20 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	106415	20.00	ng	0.00
21) Naphthalene-d8	8.18	136	378580	20.00	ng	0.00
39) Acenaphthene-d10	9.95	164	162219	20.00	ng	0.00
64) Phenanthrene-d10	11.43	188	255997	20.00	ng	0.00
76) Chrysene-d12	14.09	240	200921	20.00	ng	0.00
87) Perylene-d12	15.59	264	158904	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.52	112	575229	95.68	ng	0.02
7) Phenol-d6	6.52	99	871192	120.14	ng	0.00
23) Nitrobenzene-d5	7.46	82	601883	94.51	ng	0.00
42) 2,4,6-Tribromophenol	10.73	330	99925	58.18	ng	0.00
45) 2-Fluorobiphenyl	9.26	172	1110965	122.87	ng	0.00
79) Terphenyl-d14	13.03	244	1042390	94.82	ng	0.00

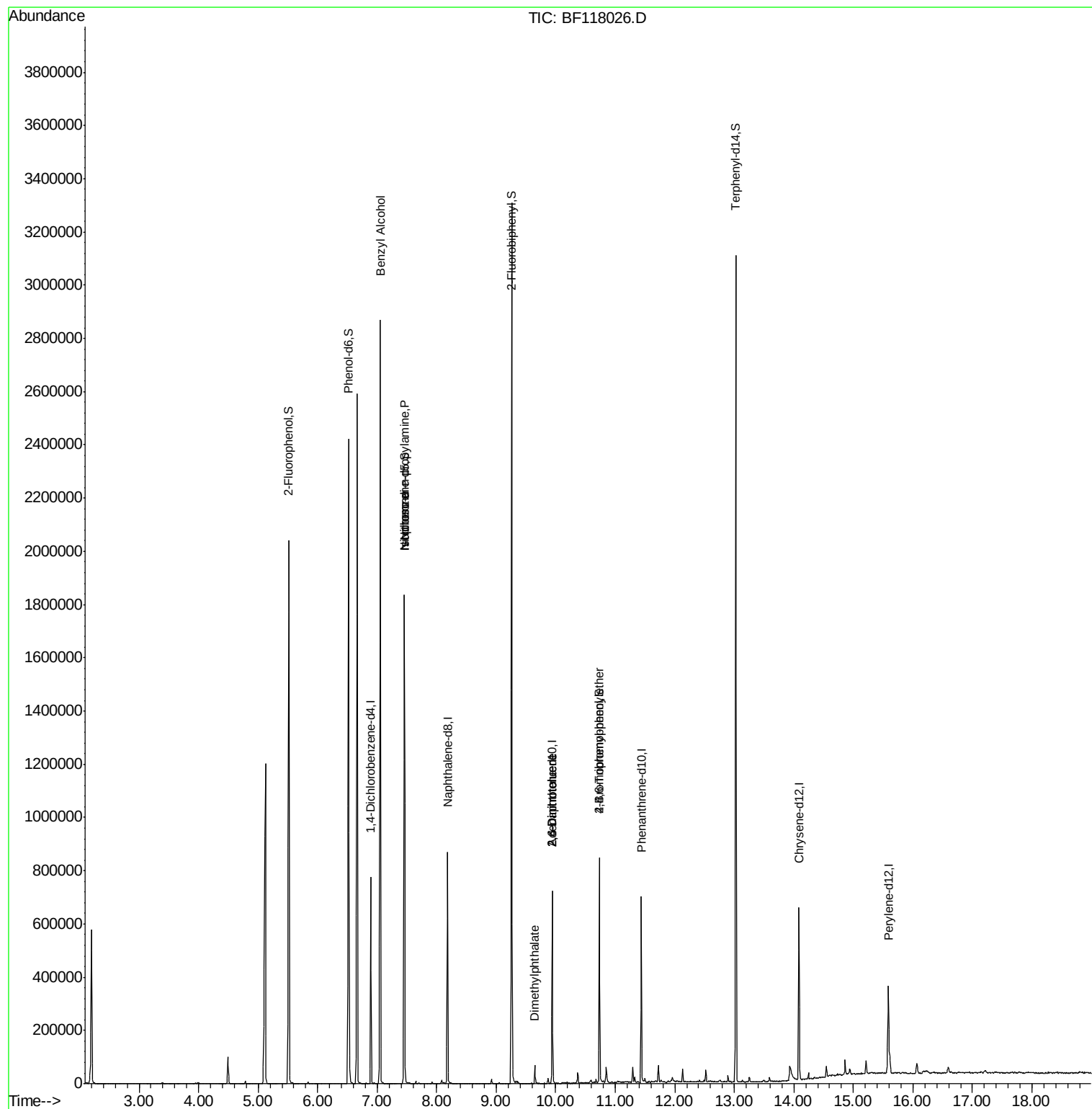
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.52	77	1341	Below Cal		# 1
15) Benzyl Alcohol	7.05	79	11580	2.068	ng	# 46
19) n-Nitroso-di-n-propylamine	7.46	70	80955	18.097	ng	# 73
25) Isophorone	7.46	82	601977	51.572	ng	# 62
50) Dimethylphthalate	9.65	163	28963	2.546	ng	# 99
51) 2,6-Dinitrotoluene	9.94	165	20787	8.361	ng	# 22
57) 2,4-Dinitrotoluene	9.94	165	20787	6.573	ng	# 23
67) 4-Bromophenyl-phenylether	10.73	248	6052	2.191	ng	# 1
75) Fluoranthene	12.66	202	690	Below Cal		# 63

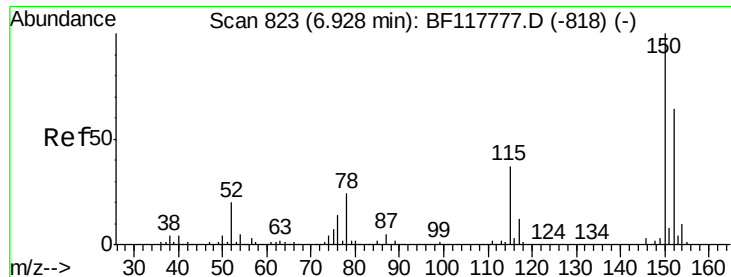
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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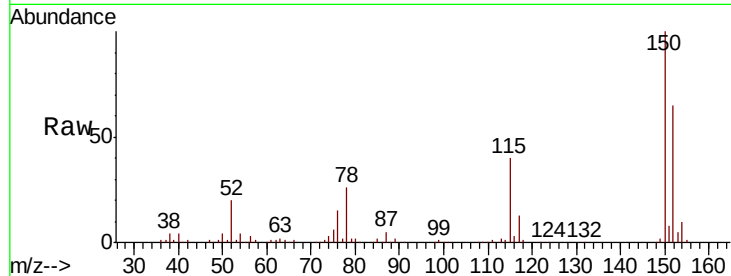


#1

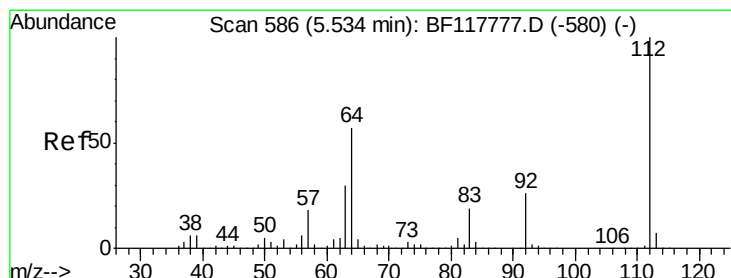
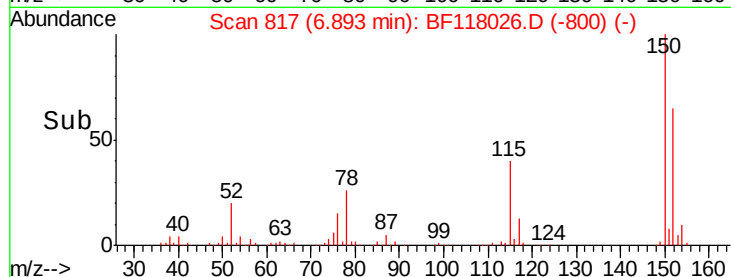
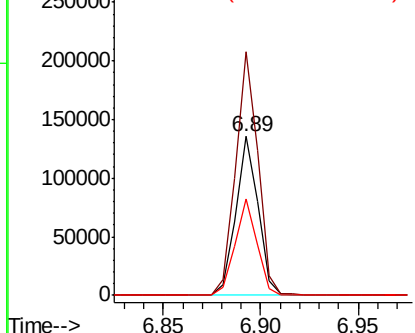
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.89 min Scan# 817
Delta R.T. 0.00 min
Lab File: BF118026.D
Acq: 27 Nov 2019 4:05

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 106415
Ion Ratio Lower Upper
152 100
150 153.0 125.3 187.9
115 60.6 47.0 70.4



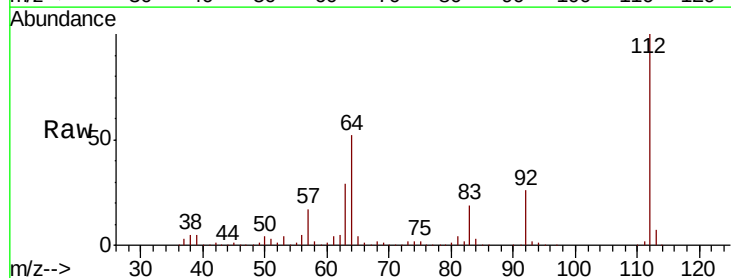
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



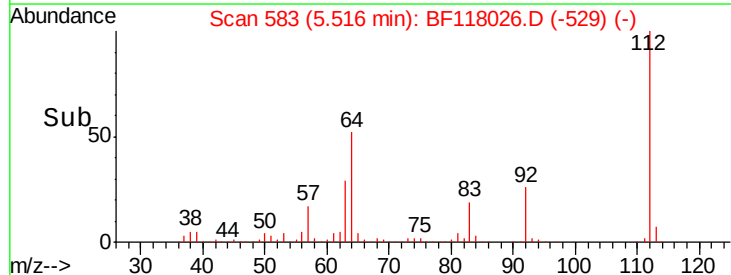
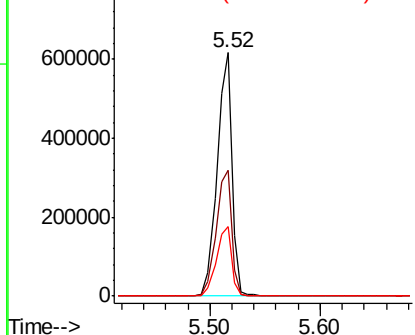
#5

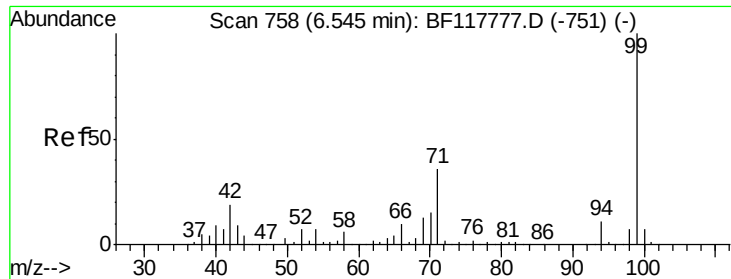
2-Fluorophenol
Concen: 95.684 ng
RT: 5.52 min Scan# 583
Delta R.T. 0.02 min
Lab File: BF118026.D
Acq: 27 Nov 2019 4:05

Tgt Ion:112 Resp: 575229
Ion Ratio Lower Upper
112 100
64 51.9 45.6 68.4
63 28.5 24.1 36.1



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 120.145 ng

RT: 6.52 min Scan# 754

Delta R.T. 0.00 min

Lab File: BF118026.D

Acq: 27 Nov 2019 4:05

Instrument :

BNA_F

ClientSampleId :

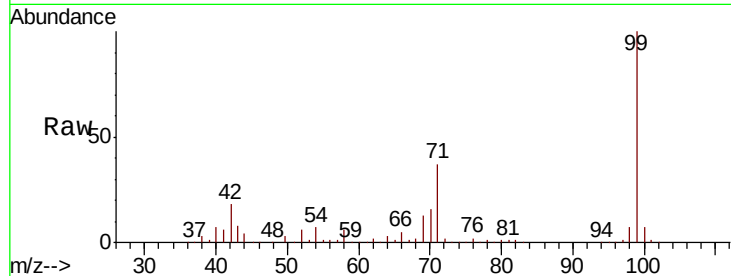
Tot Ion: 99 Resp: 871192

Ion Ratio Lower Upper

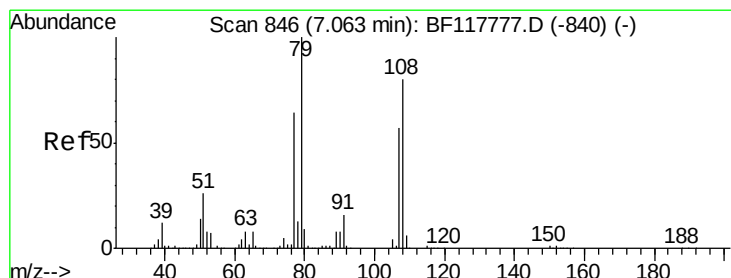
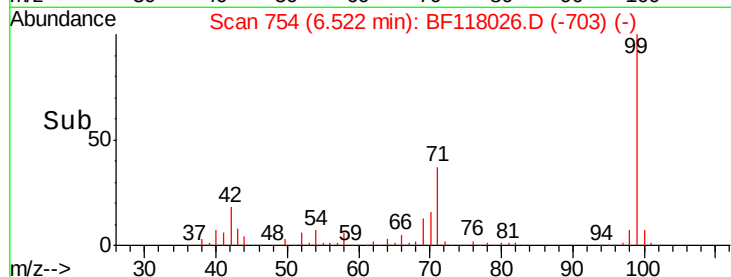
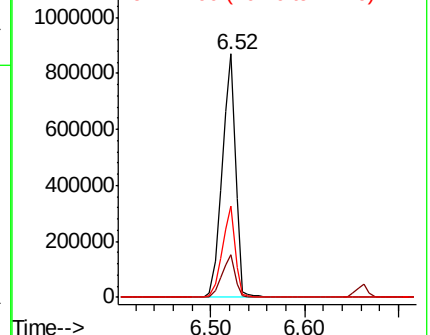
99 100

42 17.7 14.9 22.3

71 37.4 28.6 43.0



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



#15

Benzyl Alcohol

Concen: 2.068 ng

RT: 7.05 min Scan# 844

Delta R.T. 0.02 min

Lab File: BF118026.D

Acq: 27 Nov 2019 4:05

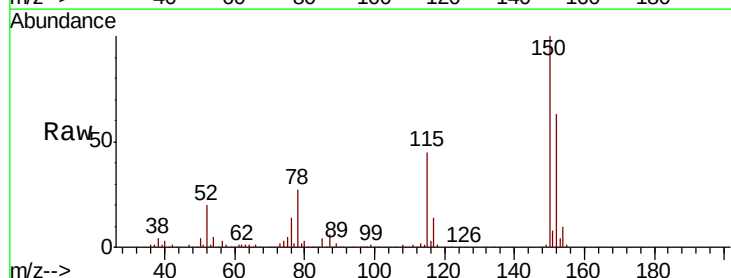
Tgt Ion: 79 Resp: 11580

Ion Ratio Lower Upper

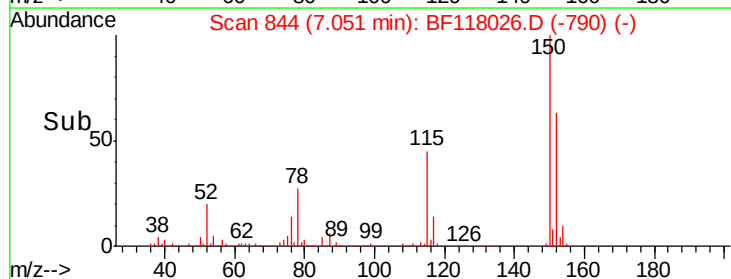
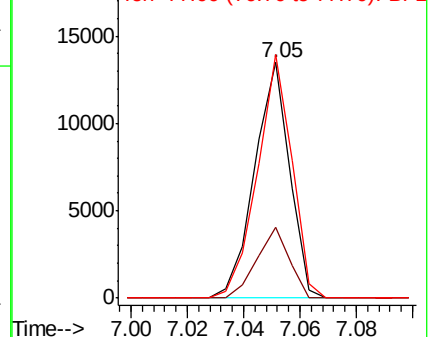
79 100

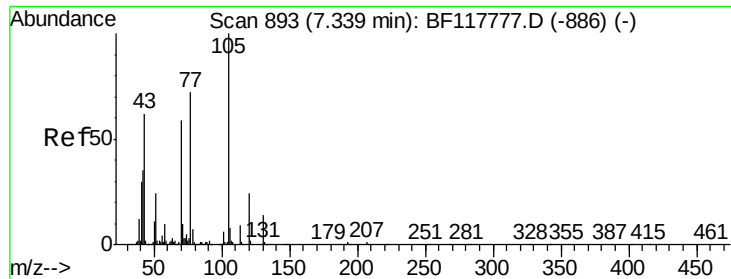
108 29.9 64.1 96.1#

77 103.2 51.3 76.9#



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





#19

n-Nitroso-di-n-propylamine

Concen: 18.097 ng

RT: 7.46 min Scan# 913

Delta R.T. 0.15 min

Lab File: BF118026.D

Acq: 27 Nov 2019 4:05

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 80955

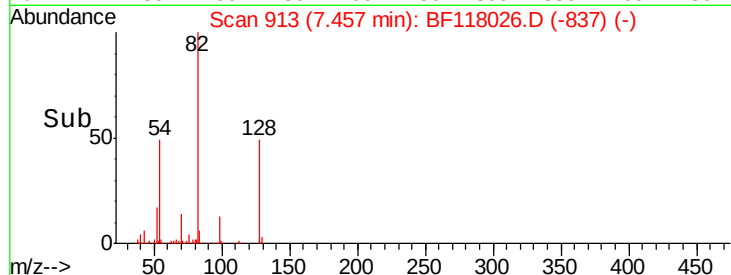
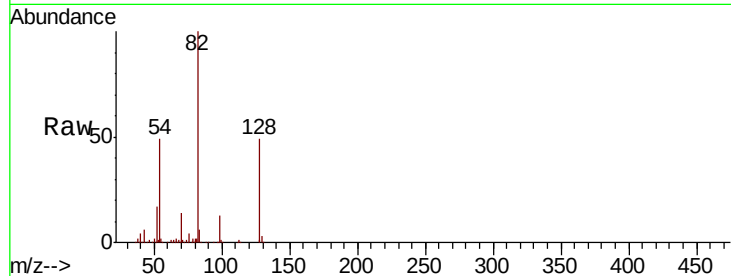
Ion Ratio Lower Upper

70 100

42 44.3 47.4 71.2#

101 0.0 8.4 12.6#

130 2.3 18.8 28.2#

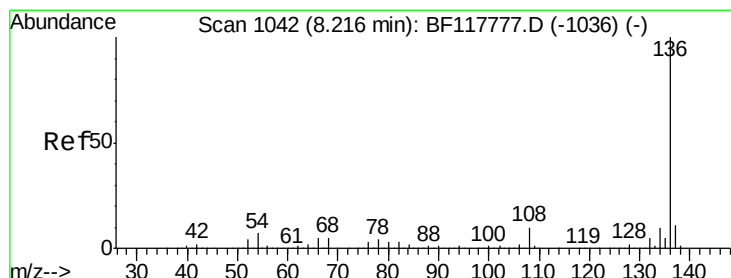
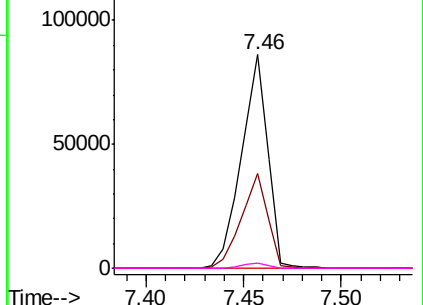


Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.18 min Scan# 1036

Delta R.T. 0.00 min

Lab File: BF118026.D

Acq: 27 Nov 2019 4:05

Tgt Ion: 136 Resp: 378580

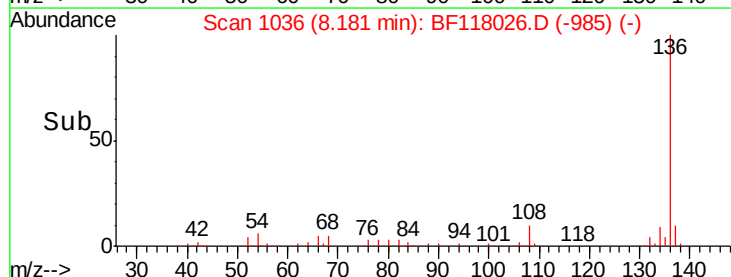
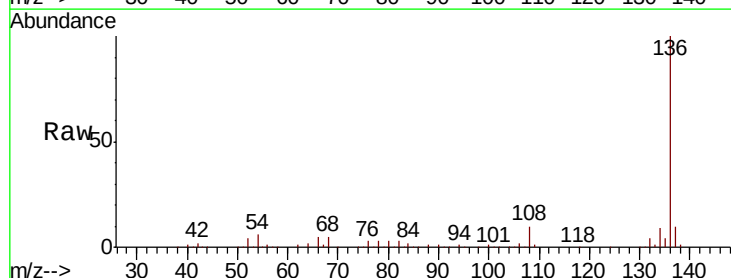
Ion Ratio Lower Upper

136 100

137 10.4 9.0 13.4

54 6.3 5.4 8.2

68 4.6 4.3 6.5

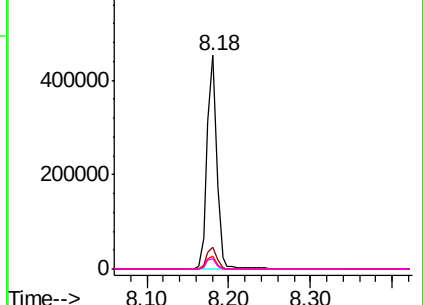


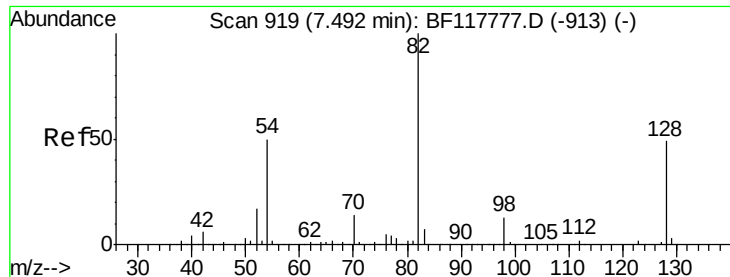
Abundance Ion 136.00 (135.70 to 136.70): BF1

Ion 137.00 (136.70 to 137.70): BF1

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1





#23

Nitrobenzene-d5

Concen: 94.510 ng

RT: 7.46 min Scan# 913

Delta R.T. -0.01 min

Lab File: BF118026.D

Acq: 27 Nov 2019 4:05

Instrument :

BNA_F

ClientSampleId :

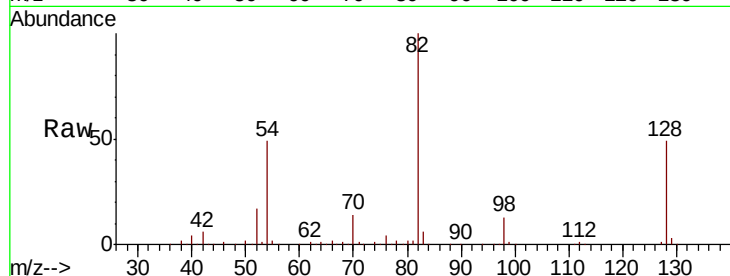
Tot Ion: 82 Resp: 601883

Ion Ratio Lower Upper

82 100

128 48.6 38.9 58.3

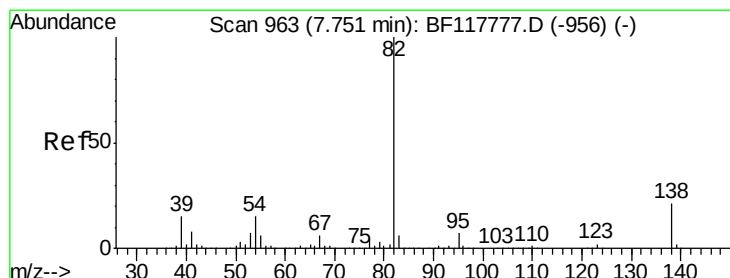
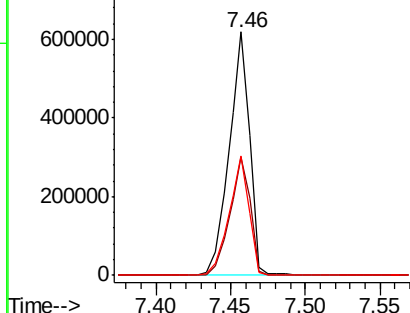
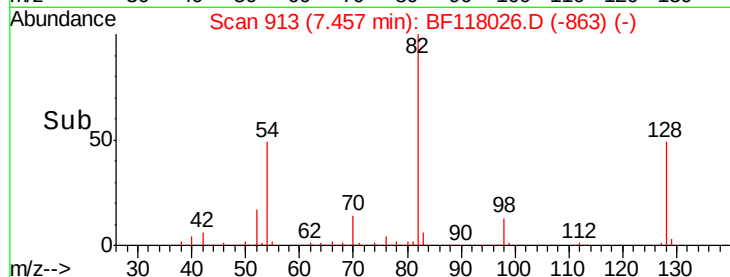
54 49.2 39.8 59.6



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



#25

Isophorone

Concen: 51.572 ng

RT: 7.46 min Scan# 913

Delta R.T. -0.26 min

Lab File: BF118026.D

Acq: 27 Nov 2019 4:05

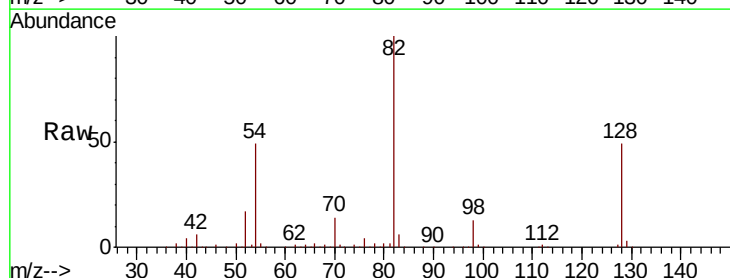
Tgt Ion: 82 Resp: 601977

Ion Ratio Lower Upper

82 100

95 0.0 5.8 8.8#

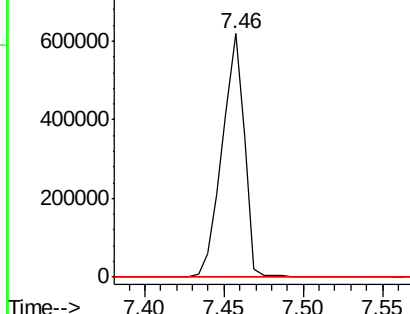
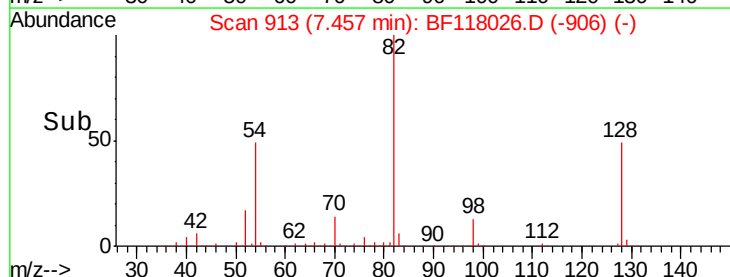
138 0.0 16.5 24.7#

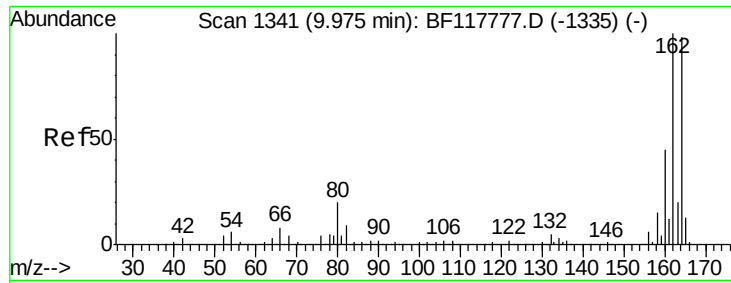


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1

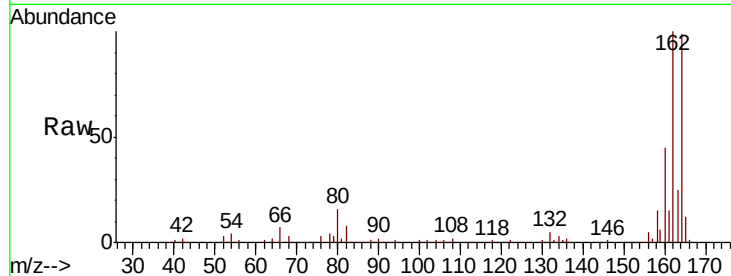




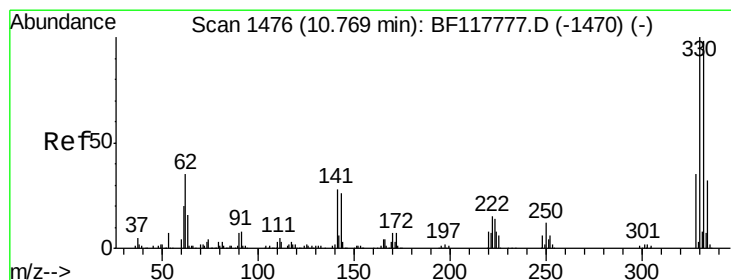
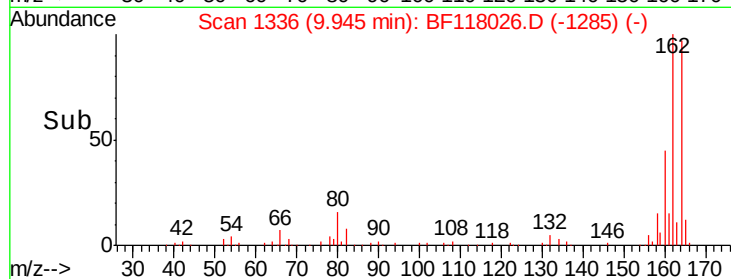
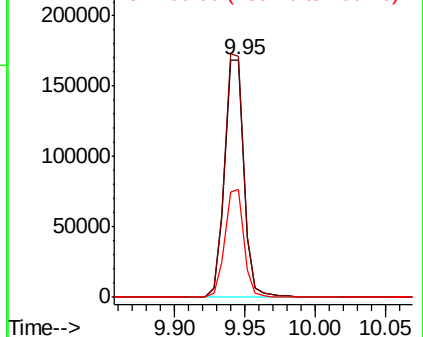
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.95 min Scan# 1336
Delta R.T. 0.00 min
Lab File: BF118026.D
Acq: 27 Nov 2019 4:05

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 162219
Ion Ratio Lower Upper
164 100
162 101.4 81.3 121.9
160 45.3 36.6 55.0

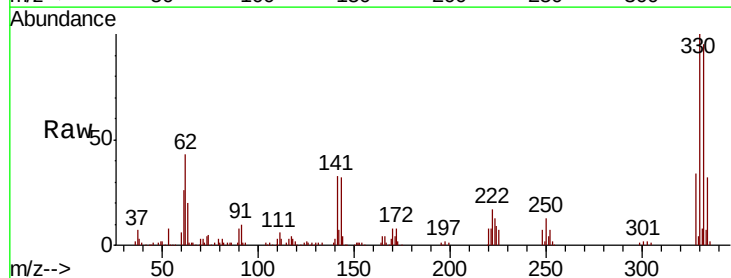


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

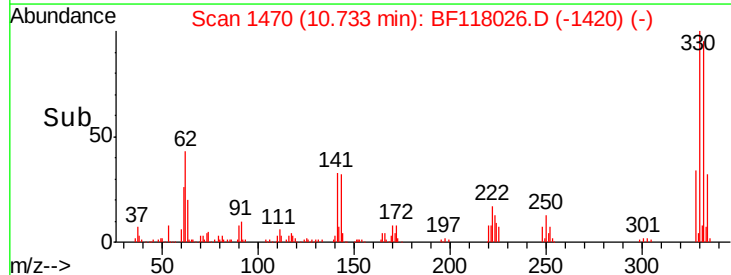
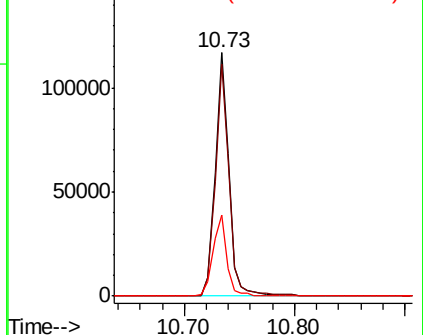


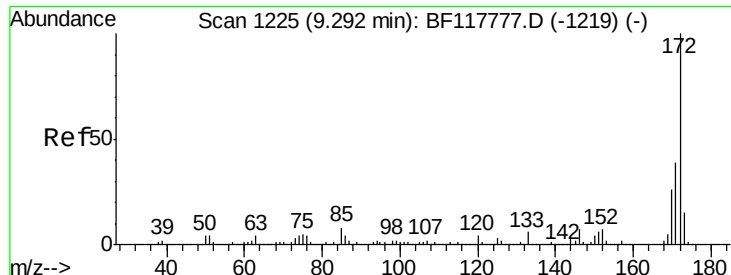
#42
2,4,6-Tribromophenol
Concen: 58.184 ng
RT: 10.73 min Scan# 1470
Delta R.T. -0.01 min
Lab File: BF118026.D
Acq: 27 Nov 2019 4:05

Tgt Ion:330 Resp: 99925
Ion Ratio Lower Upper
330 100
332 95.4 76.7 115.1
141 33.4 27.7 41.5



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

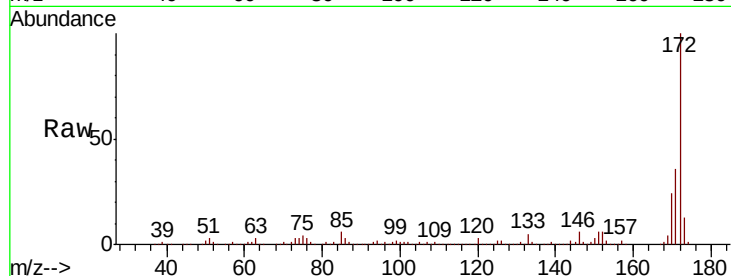




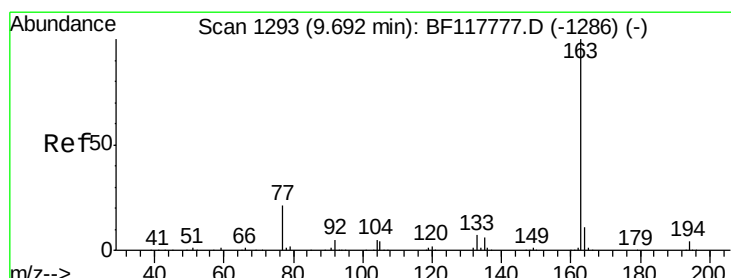
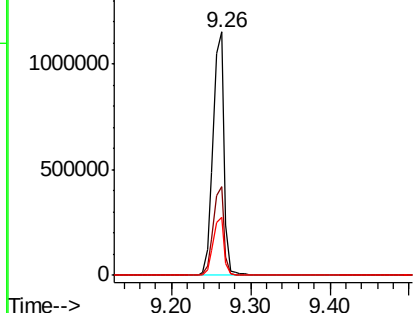
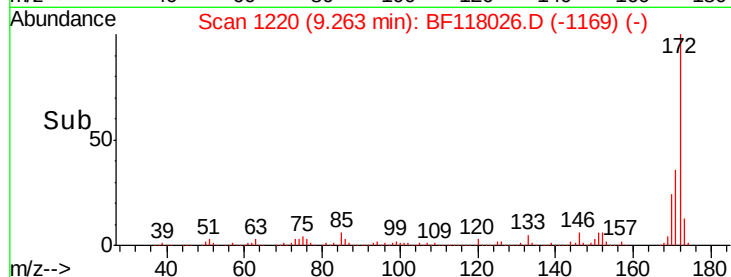
#45
2-Fluorobiphenyl
Concen: 122.865 ng
RT: 9.26 min Scan# 1220
Delta R.T. 0.00 min
Lab File: BF118026.D
Acq: 27 Nov 2019 4:05

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 1110965
Ion Ratio Lower Upper
172 100
171 36.2 30.9 46.3
170 23.9 21.0 31.4

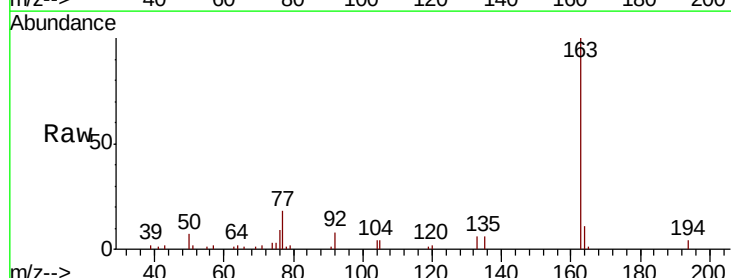


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

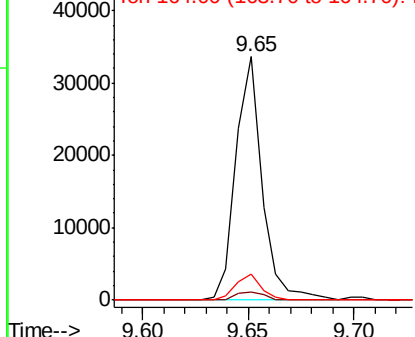
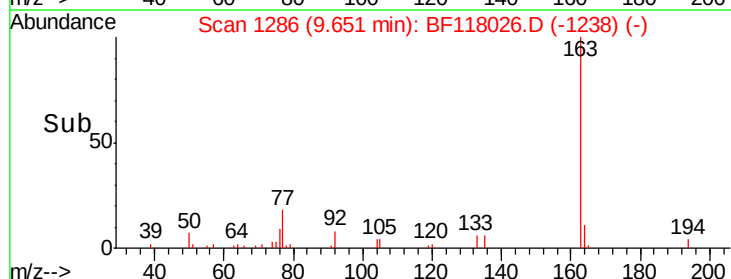


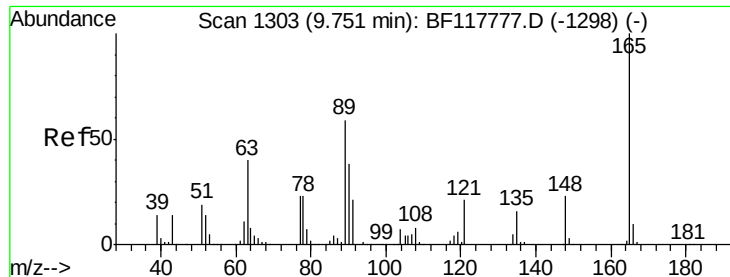
#50
Dimethylphthalate
Concen: 2.546 ng
RT: 9.65 min Scan# 1286
Delta R.T. -0.02 min
Lab File: BF118026.D
Acq: 27 Nov 2019 4:05

Tgt Ion:163 Resp: 28963
Ion Ratio Lower Upper
163 100
194 3.5 3.3 4.9
164 10.9 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

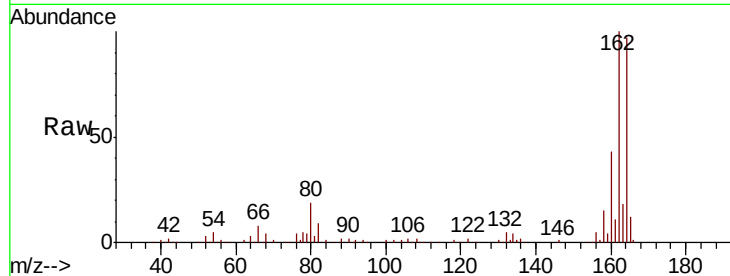




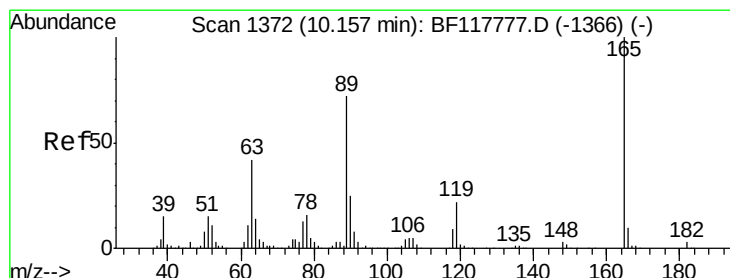
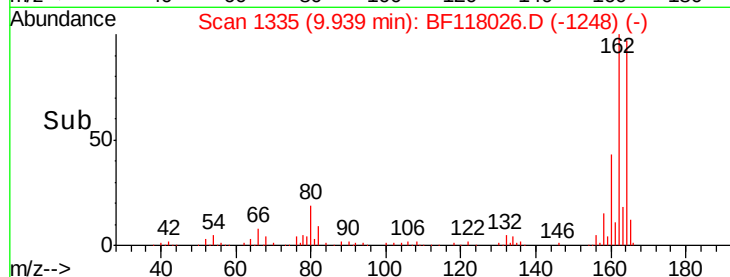
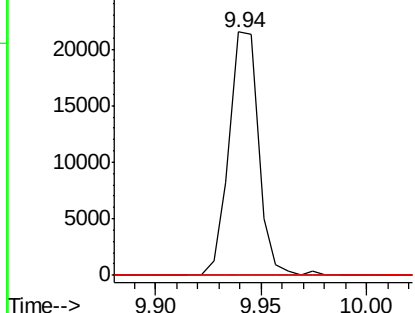
#51
 2,6-Dinitrotoluene
 Concen: 8.361 ng
 RT: 9.94 min Scan# 1335
 Delta R.T. 0.21 min
 Lab File: BF118026.D
 Acq: 27 Nov 2019 4:05

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	46.0	69.0#
89	0.0	47.7	71.5#



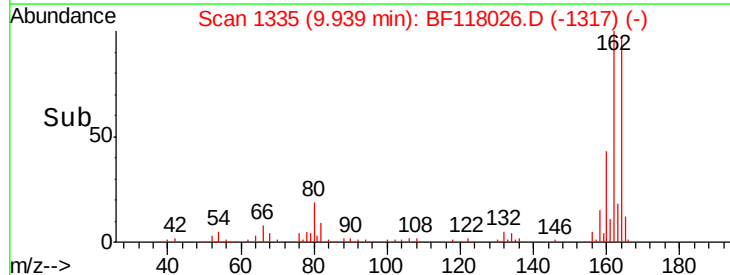
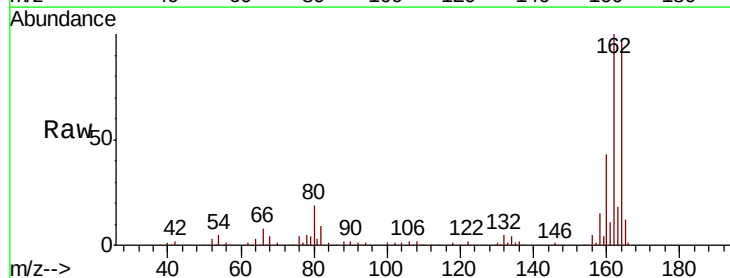
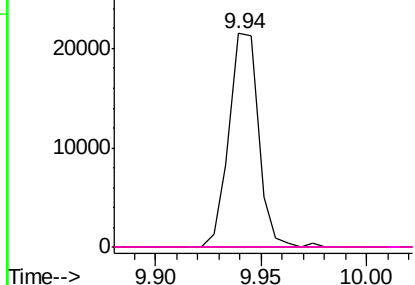
Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

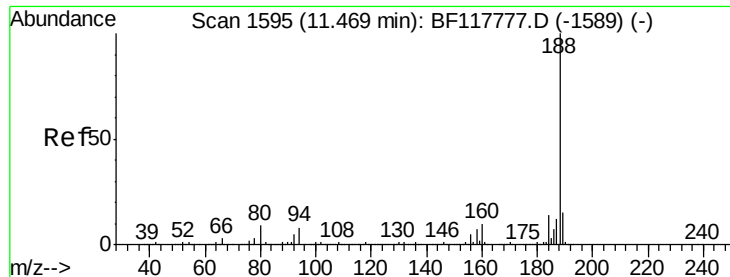


#57
 2,4-Dinitrotoluene
 Concen: 6.573 ng
 RT: 9.94 min Scan# 1335
 Delta R.T. -0.19 min
 Lab File: BF118026.D
 Acq: 27 Nov 2019 4:05

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	33.7	50.5#
89	0.0	57.3	85.9#
182	0.0	2.3	3.5#

Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1
 Ion 182.00 (181.70 to 182.70): E

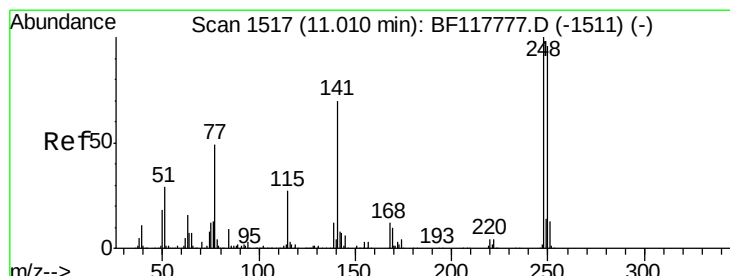
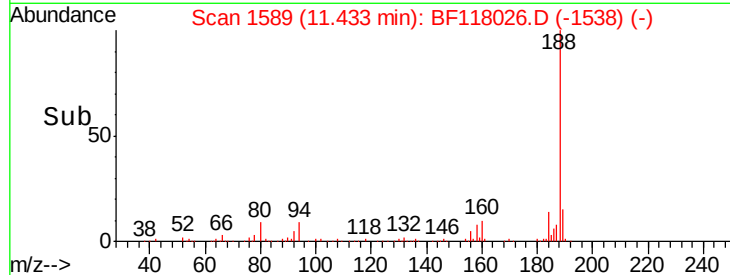
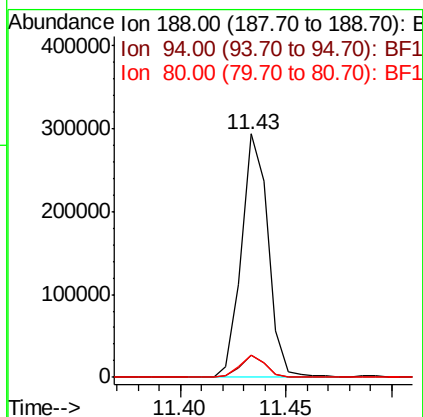
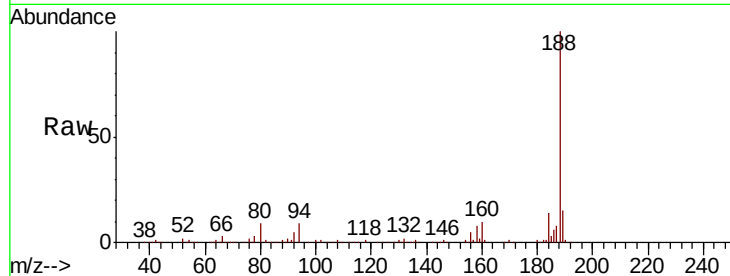




#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.43 min Scan# 1589
 Delta R.T. 0.00 min
 Lab File: BF118026.D
 Acq: 27 Nov 2019 4:05

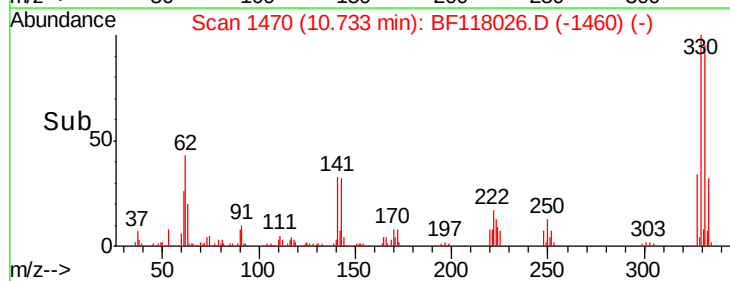
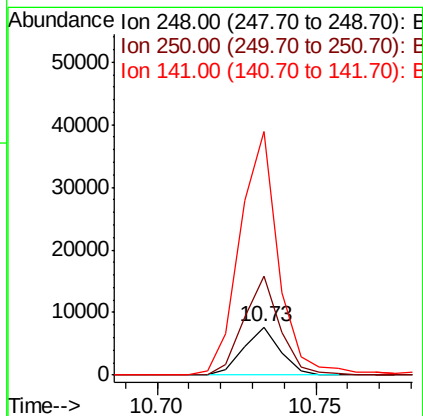
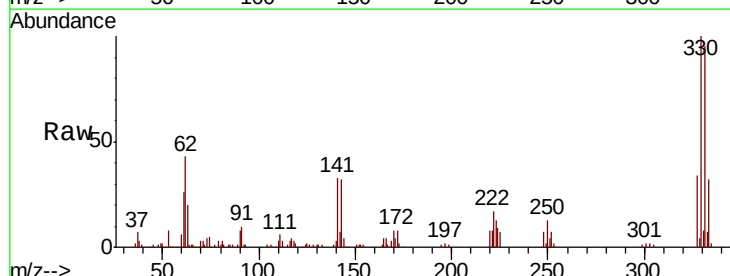
Instrument :
 BNA_F
 ClientSampleId :

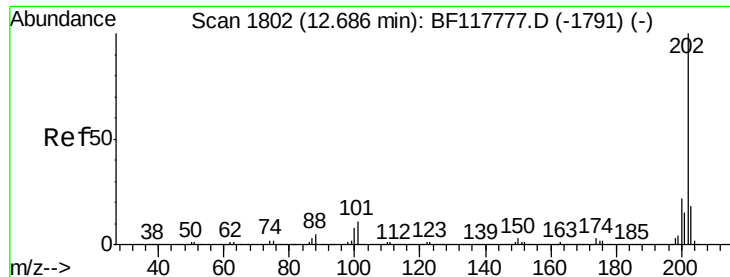
Tot Ion:188 Resp: 255997
 Ion Ratio Lower Upper
 188 100
 94 8.9 6.6 10.0
 80 9.2 7.2 10.8



#67
 4-Bromophenyl-phenylether
 Concen: 2.191 ng
 RT: 10.73 min Scan# 1470
 Delta R.T. -0.24 min
 Lab File: BF118026.D
 Acq: 27 Nov 2019 4:05

Tgt Ion:248 Resp: 6052
 Ion Ratio Lower Upper
 248 100
 250 204.2 76.6 115.0#
 141 503.9 55.9 83.9#

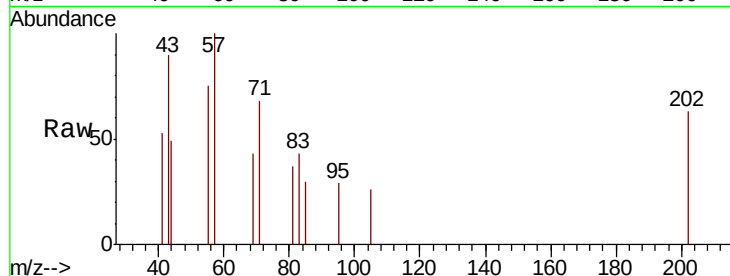




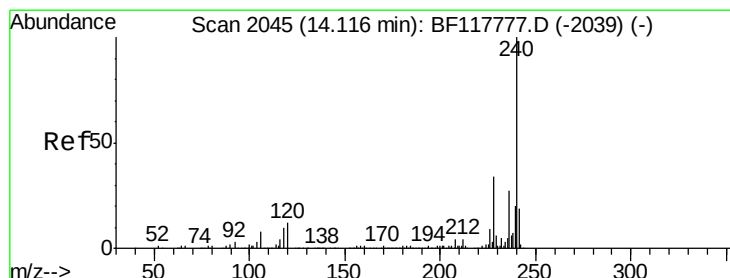
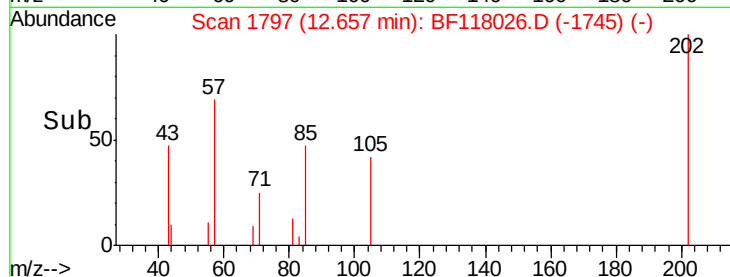
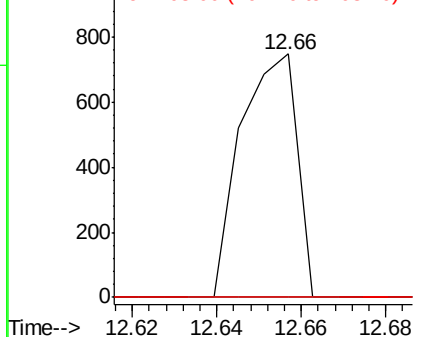
#75
Fluoranthene
Concen: Below Cal
RT: 12.66 min Scan# 1797
Delta R.T. 0.01 min
Lab File: BF118026.D
Acq: 27 Nov 2019 4:05

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
202	100		
101	0.0	0.0	31.1
203	0.0	0.0	38.2

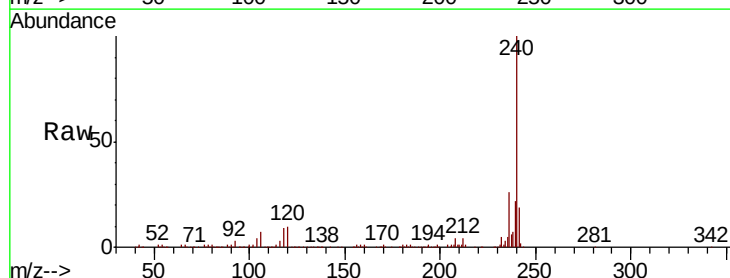


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E

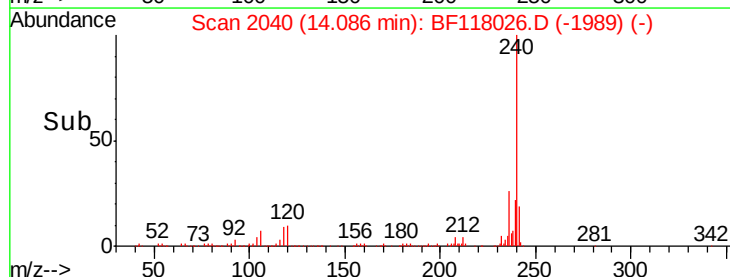
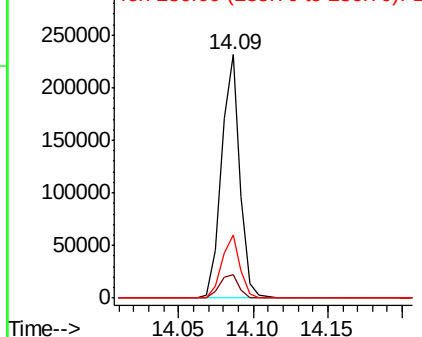


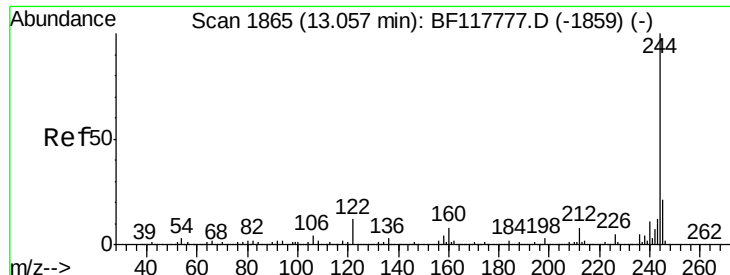
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.09 min Scan# 2040
Delta R.T. 0.00 min
Lab File: BF118026.D
Acq: 27 Nov 2019 4:05

Tgt Ion	Ratio	Lower	Upper
240	100		
120	9.7	9.5	14.3
236	26.1	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





#79

Terphenyl-d14

Concen: 94.817 ng

RT: 13.03 min Scan# 1860

Delta R.T. 0.00 min

Lab File: BF118026.D

Acq: 27 Nov 2019 4:05

Instrument :

BNA_F

ClientSampleId :

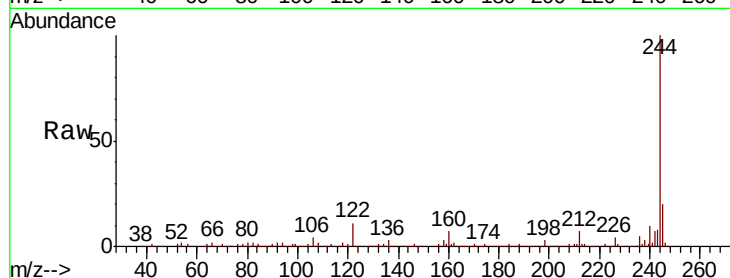
Tot Ion:244 Resp: 1042390

Ion Ratio Lower Upper

244 100

212 7.0 6.3 9.5

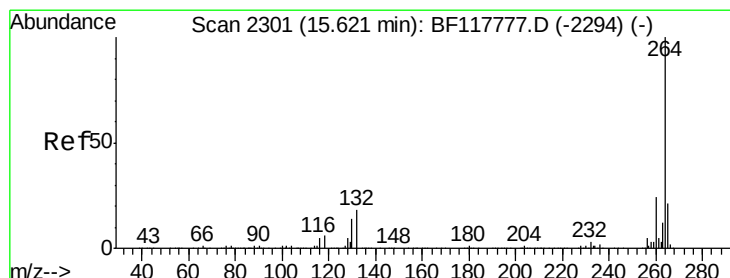
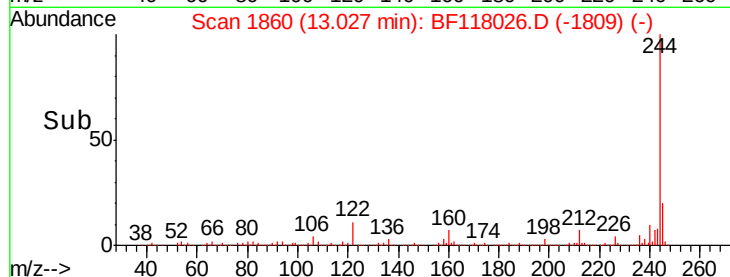
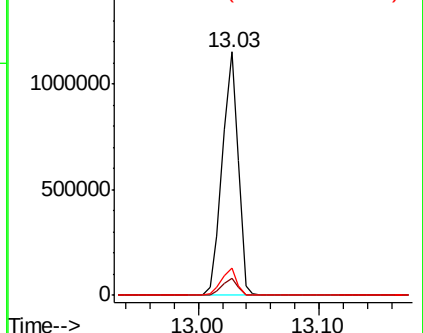
122 11.0 9.4 14.2



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



#87

Perylene-d12

Concen: 20.000 ng

RT: 15.59 min Scan# 2295

Delta R.T. 0.01 min

Lab File: BF118026.D

Acq: 27 Nov 2019 4:05

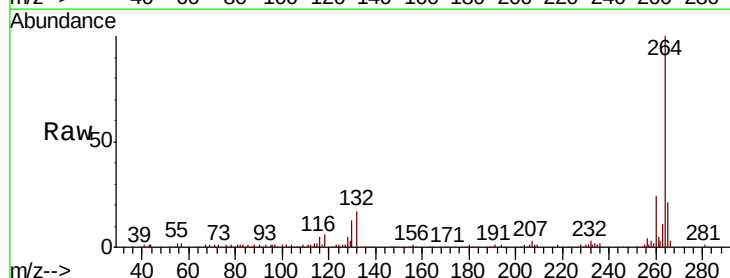
Tgt Ion:264 Resp: 158904

Ion Ratio Lower Upper

264 100

260 24.0 19.4 29.0

265 21.5 17.1 25.7



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

