

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122719\
 Data File : BF118341.D
 Acq On : 27 Dec 2019 16:46
 Operator : JU
 Sample : K6431-09
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 28 00:00:15 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF122419.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 24 15:58:52 2019
 Response via : Initial Calibration

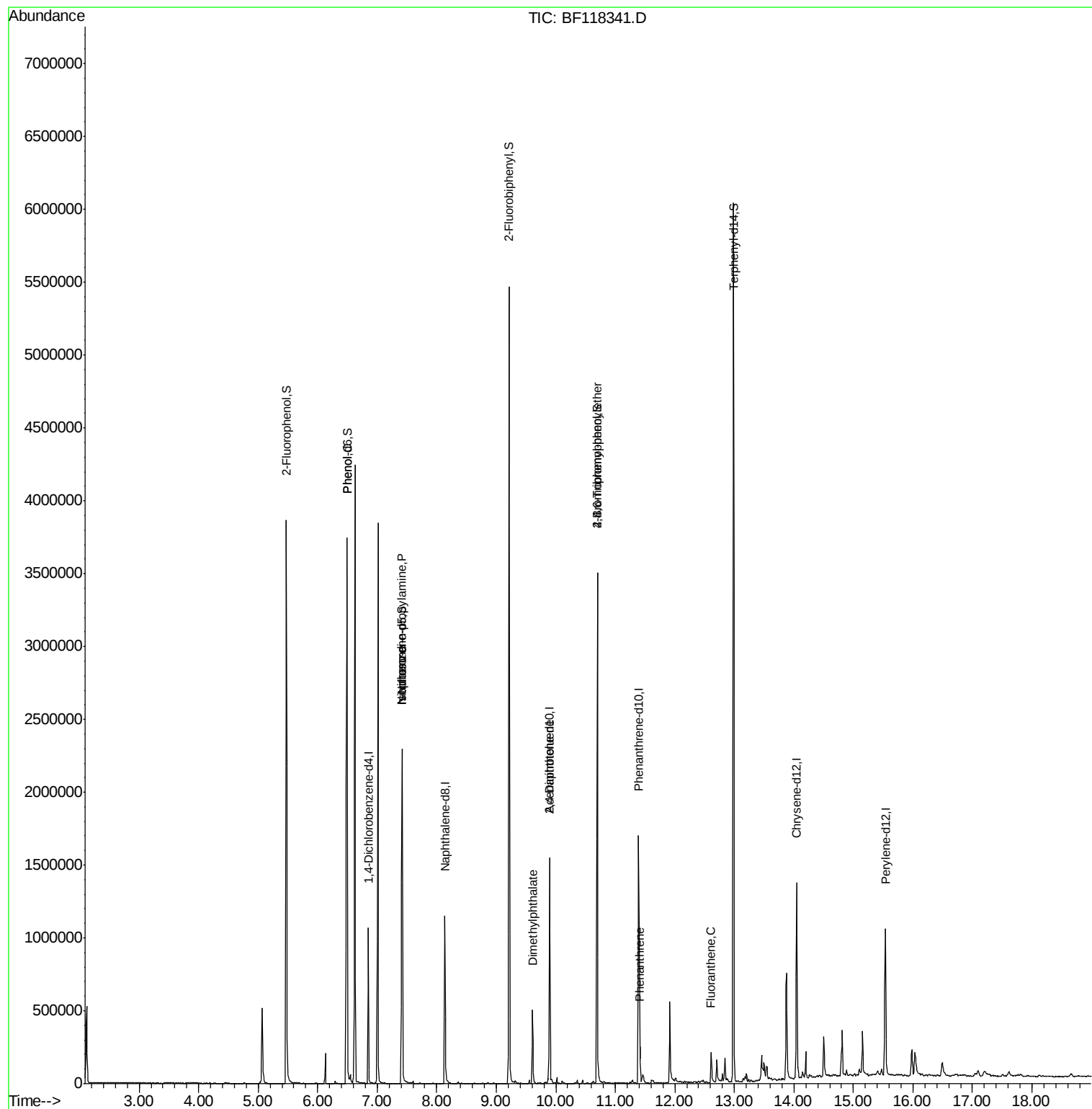
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	151752	20.00	ng	0.00
21) Naphthalene-d8	8.14	136	591201	20.00	ng	0.00
39) Acenaphthene-d10	9.90	164	321277	20.00	ng	0.00
64) Phenanthrene-d10	11.39	188	609052	20.00	ng	0.00
76) Chrysene-d12	14.04	240	409742	20.00	ng	0.00
87) Perylene-d12	15.54	264	382558	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	1136169	127.80	ng	0.01
7) Phenol-d6	6.49	99	1436514	130.26	ng	0.00
23) Nitrobenzene-d5	7.42	82	875955	84.74	ng	0.00
42) 2,4,6-Tribromophenol	10.70	330	506233	127.59	ng	0.00
45) 2-Fluorobiphenyl	9.22	172	1746990	83.00	ng	0.00
79) Terphenyl-d14	12.99	244	2130263	86.25	ng	0.00
Target Compounds						
10) Phenol	6.50	94	35869	2.894	ng	84
19) n-Nitroso-di-n-propylamine	7.42	70	117473	17.291	ng	# 77
25) Isophorone	7.42	82	866820	48.118	ng	# 62
50) Dimethylphthalate	9.61	163	206599	8.567	ng	99
57) 2,4-Dinitrotoluene	9.90	165	39734	5.719	ng	# 30
67) 4-Bromophenyl-phenylether	10.70	248	31573	4.430	ng	# 1
71) Phenanthrene	11.42	178	82680	2.490	ng	96
75) Fluoranthene	12.61	202	80702	2.408	ng	95

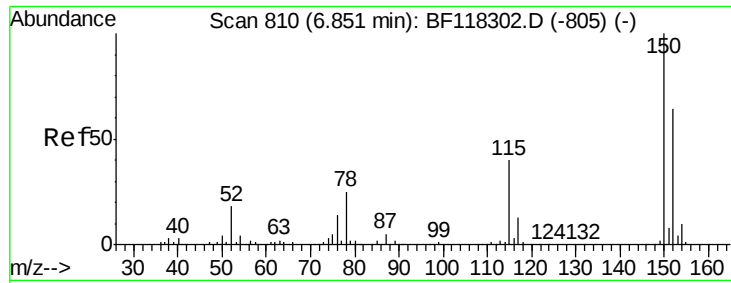
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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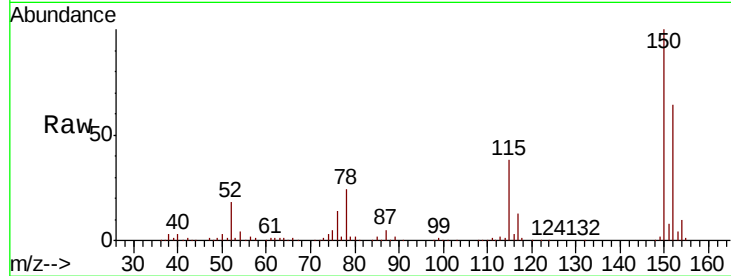


#1

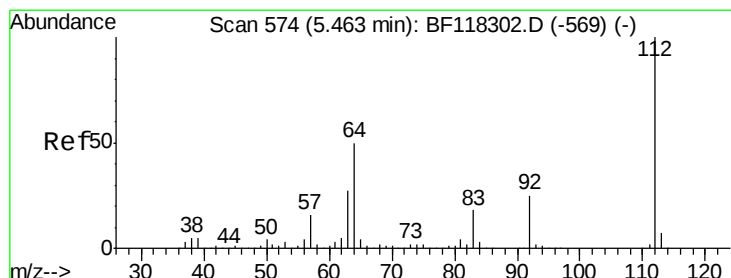
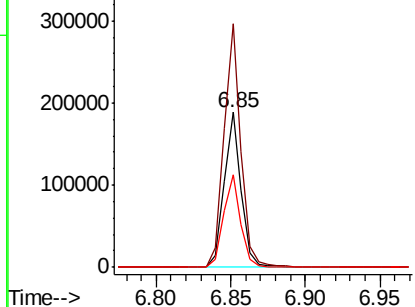
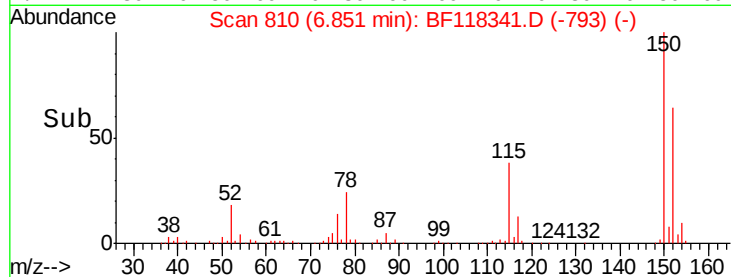
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 810
Delta R.T. 0.00 min
Lab File: BF118341.D
Acq: 27 Dec 2019 16:46

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 151752
Ion Ratio Lower Upper
152 100
150 156.9 125.4 188.2
115 60.1 50.2 75.4



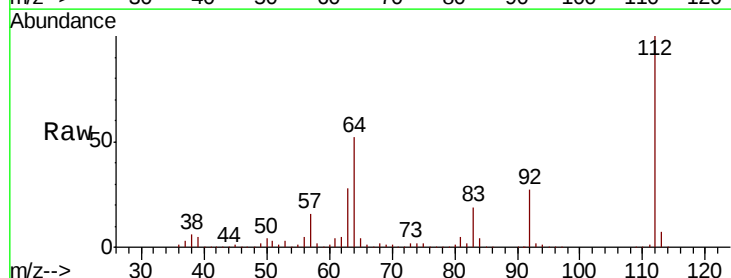
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



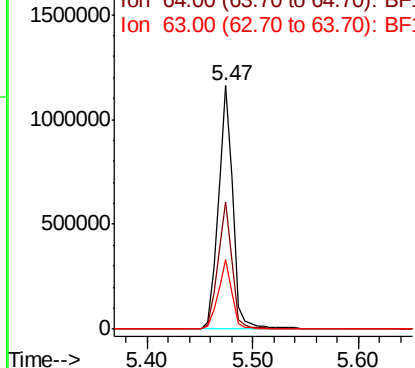
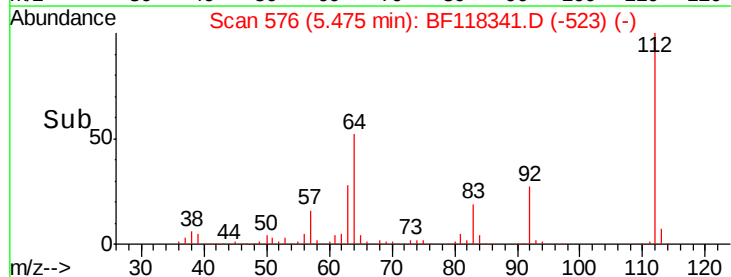
#5

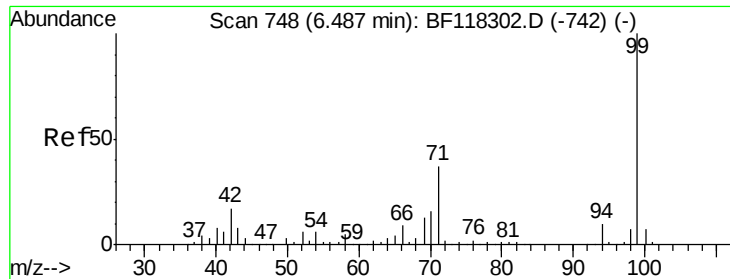
2-Fluorophenol
Concen: 127.802 ng
RT: 5.47 min Scan# 576
Delta R.T. 0.01 min
Lab File: BF118341.D
Acq: 27 Dec 2019 16:46

Tgt Ion:112 Resp: 1136169
Ion Ratio Lower Upper
112 100
64 52.1 39.7 59.5
63 28.4 21.7 32.5



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: 130.257 ng

RT: 6.49 min Scan# 749

Delta R.T. 0.01 min

Lab File: BF118341.D

Acq: 27 Dec 2019 16:46

Instrument :

BNA_F

ClientSampled :

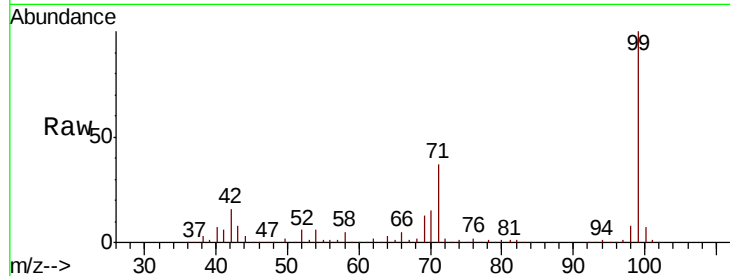
Tot Ion: 99 Resp: 1436514

Ion Ratio Lower Upper

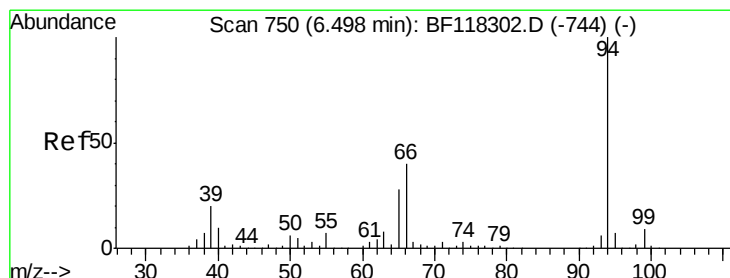
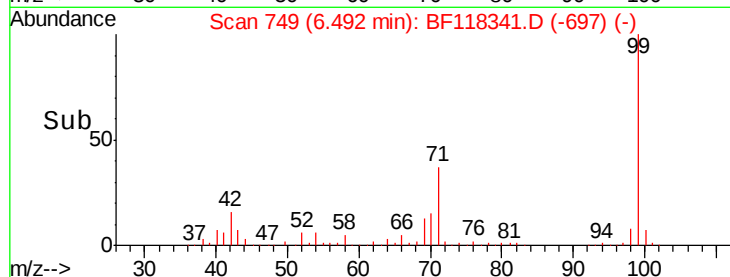
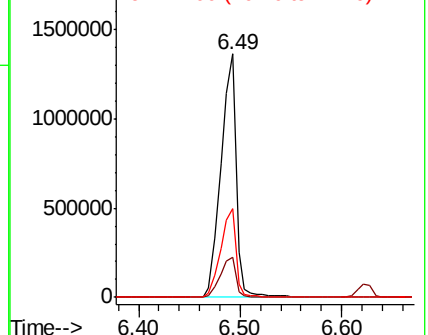
99 100

42 16.5 13.5 20.3

71 36.7 29.4 44.2



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



#10

Phenol

Concen: 2.894 ng

RT: 6.50 min Scan# 750

Delta R.T. 0.00 min

Lab File: BF118341.D

Acq: 27 Dec 2019 16:46

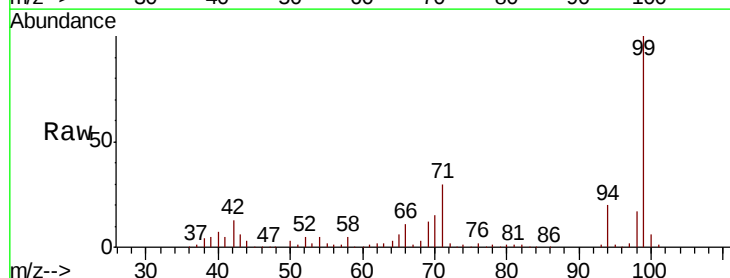
Tgt Ion: 94 Resp: 35869

Ion Ratio Lower Upper

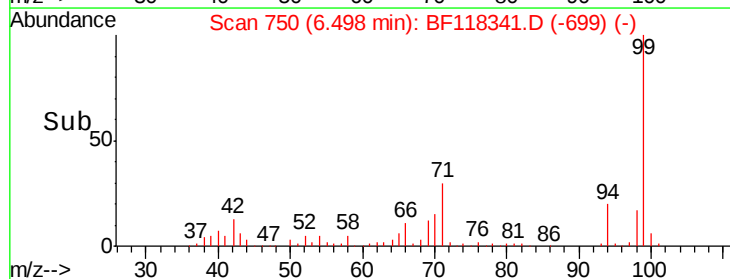
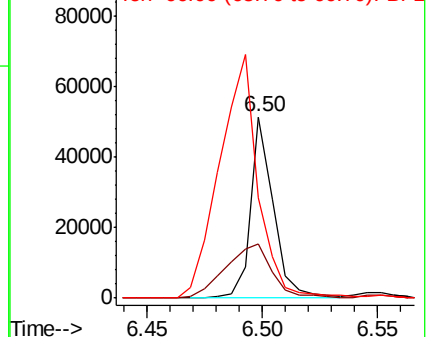
94 100

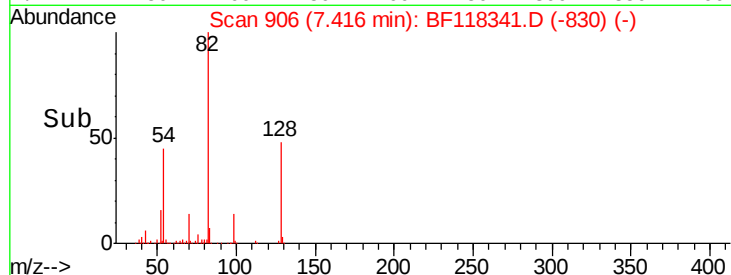
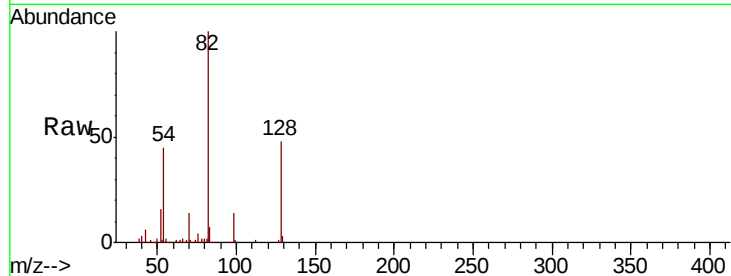
65 29.6 7.8 47.8

66 55.6 20.4 60.4



Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1

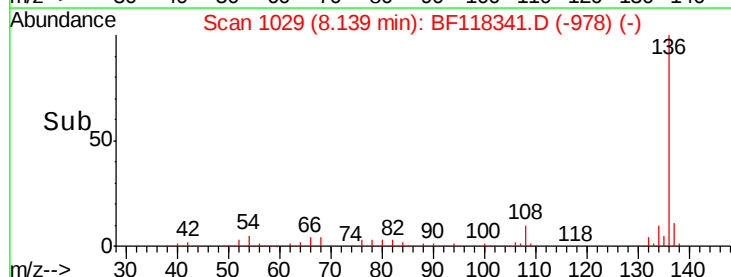
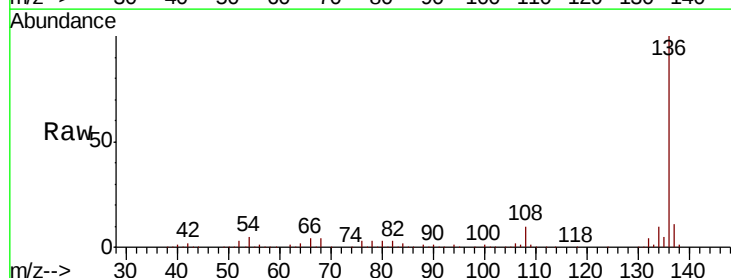
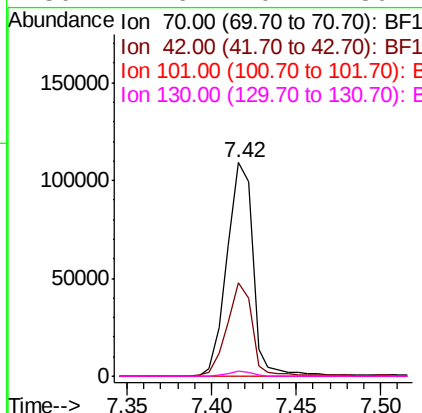




#19
n-Nitroso-di-n-propylamine
Concen: 17.291 ng
RT: 7.42 min Scan# 906
Delta R.T. 0.15 min
Lab File: BF118341.D
Acq: 27 Dec 2019 16:46

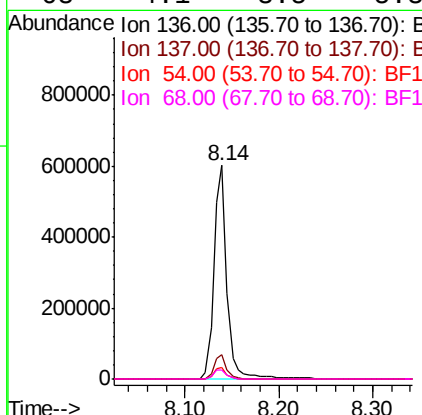
Instrument :
BNA_F
ClientSampleId :

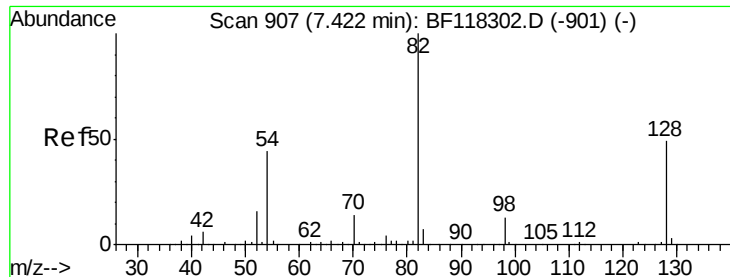
Tot Ion: 70 Resp: 117473
Ion Ratio Lower Upper
70 100
42 43.9 41.1 61.7
101 0.0 8.3 12.5#
130 2.6 20.1 30.1#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.14 min Scan# 1029
Delta R.T. 0.00 min
Lab File: BF118341.D
Acq: 27 Dec 2019 16:46

Tgt Ion: 136 Resp: 591201
Ion Ratio Lower Upper
136 100
137 11.1 8.9 13.3
54 5.2 4.2 6.4
68 4.1 3.5 5.3

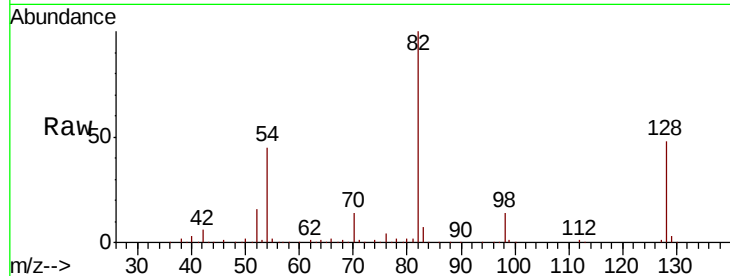




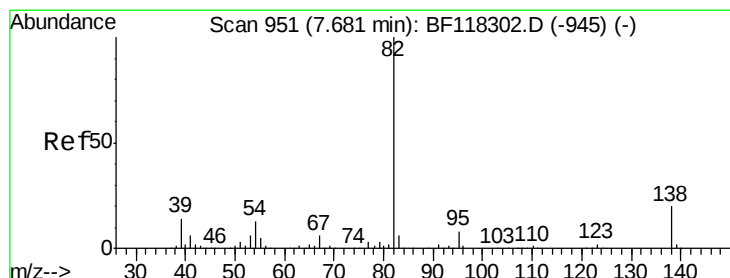
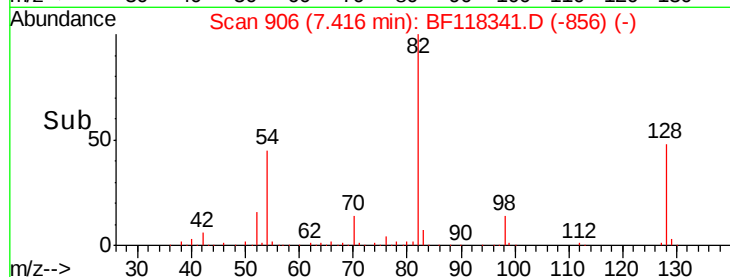
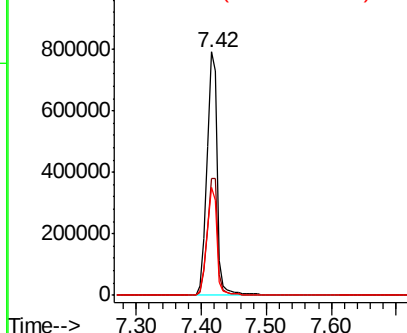
#23
Nitrobenzene-d5
Concen: 84.743 ng
RT: 7.42 min Scan# 906
Delta R.T. -0.01 min
Lab File: BF118341.D
Acq: 27 Dec 2019 16:46

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
82	100		
128	48.0	39.6	59.4
54	44.6	34.9	52.3

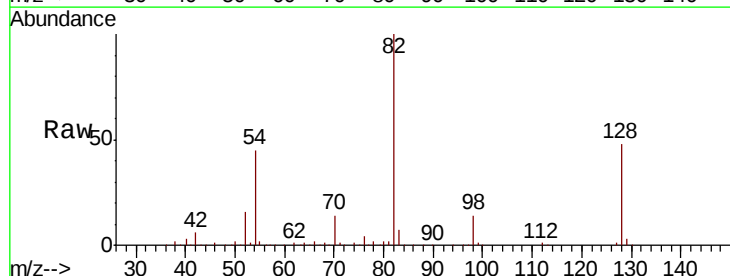


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

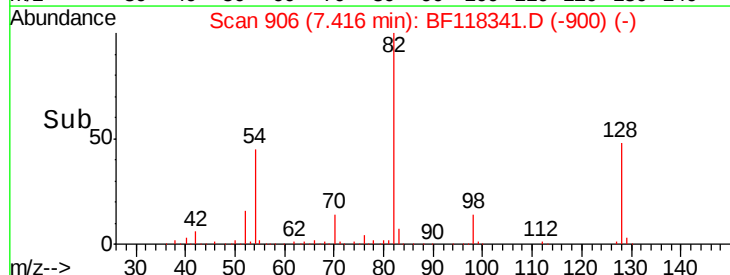
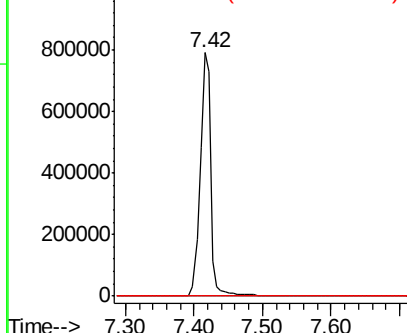


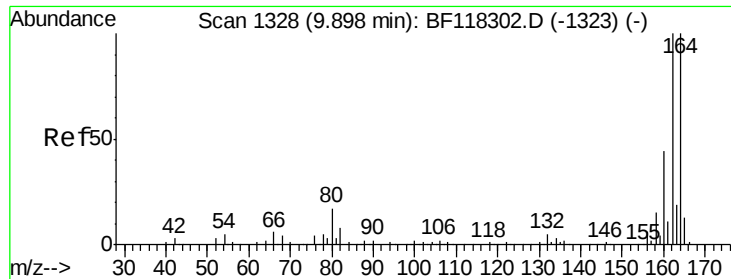
#25
Isophorone
Concen: 48.118 ng
RT: 7.42 min Scan# 906
Delta R.T. -0.26 min
Lab File: BF118341.D
Acq: 27 Dec 2019 16:46

Tgt Ion	Ratio	Lower	Upper
82	100		
95	0.0	6.3	9.5#
138	0.0	16.2	24.2#



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

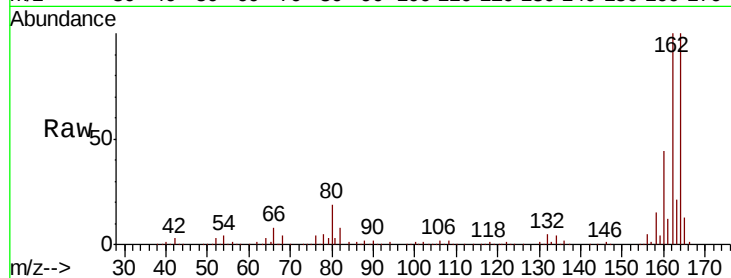




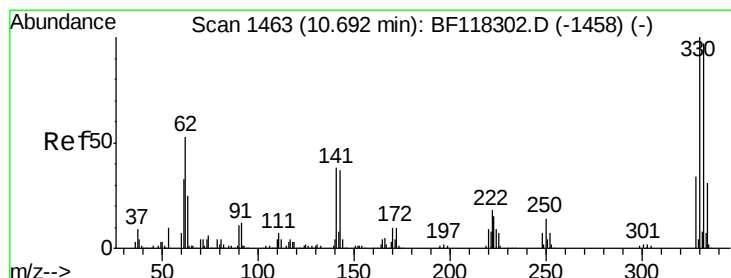
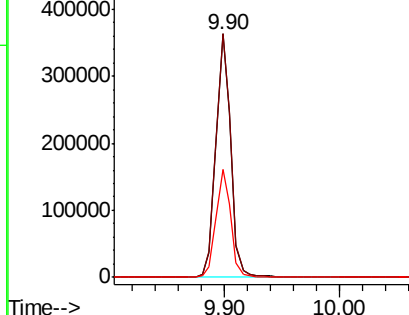
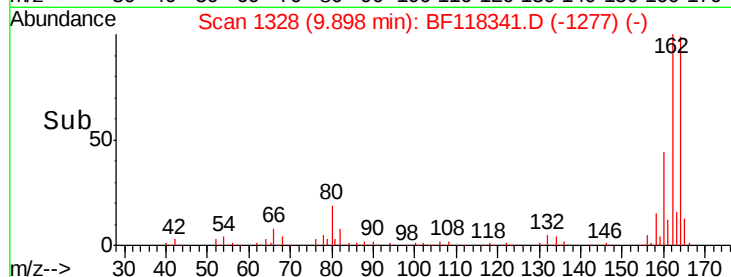
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.90 min Scan# 1328
Delta R.T. 0.00 min
Lab File: BF118341.D
Acq: 27 Dec 2019 16:46

Instrument :
BNA_F
ClientSampled :

Tot Ion:164 Resp: 321277
Ion Ratio Lower Upper
164 100
162 100.2 80.0 120.0
160 44.5 34.8 52.2

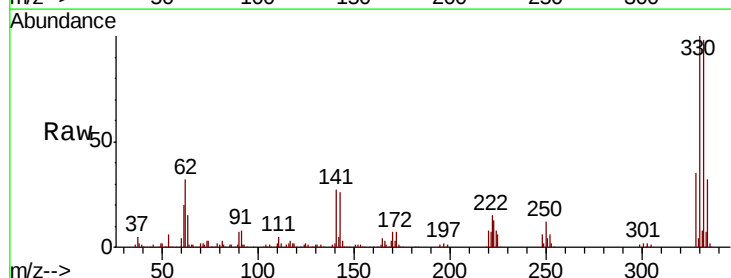


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

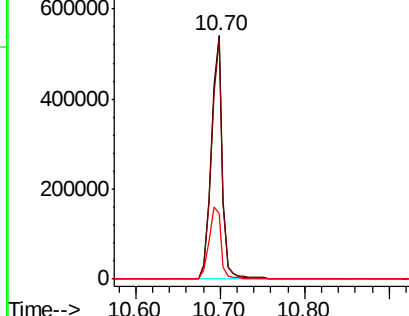
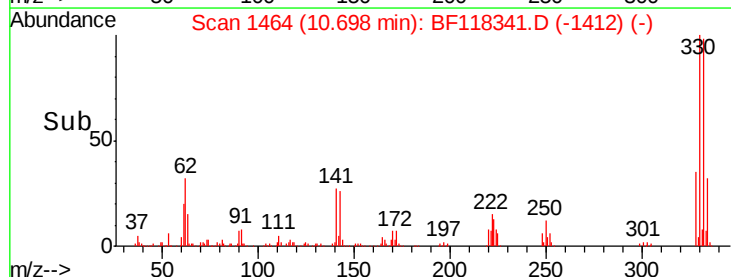


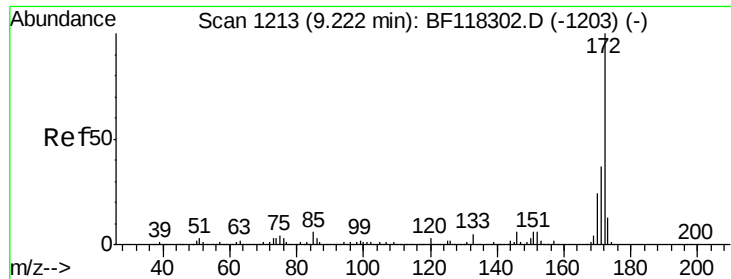
#42
2,4,6-Tribromophenol
Concen: 127.594 ng
RT: 10.70 min Scan# 1464
Delta R.T. 0.01 min
Lab File: BF118341.D
Acq: 27 Dec 2019 16:46

Tgt Ion:330 Resp: 506233
Ion Ratio Lower Upper
330 100
332 96.7 76.6 114.8
141 32.1 26.0 39.0



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

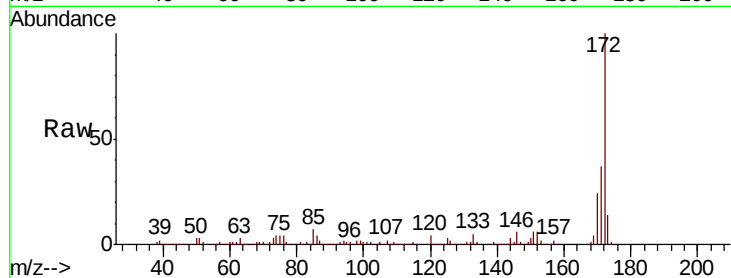




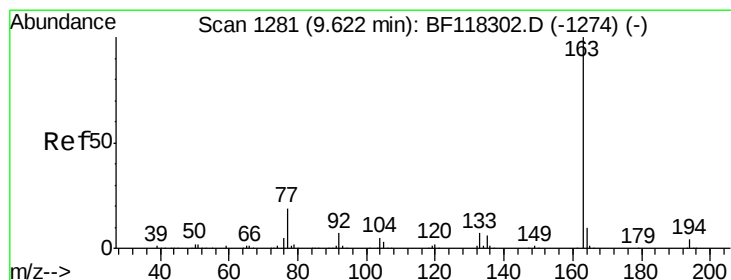
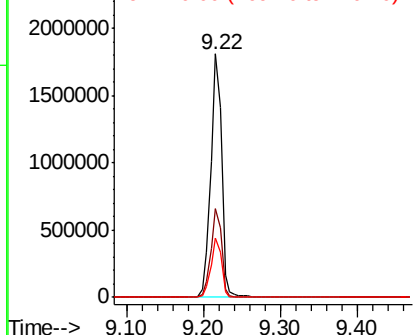
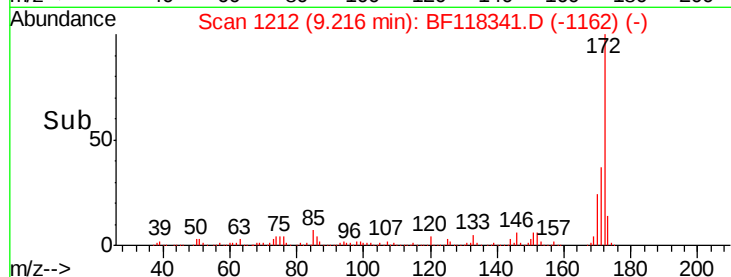
#45
2-Fluorobiphenyl
Concen: 83.004 ng
RT: 9.22 min Scan# 1212
Delta R.T. -0.01 min
Lab File: BF118341.D
Acq: 27 Dec 2019 16:46

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 1746990
Ion Ratio Lower Upper
172 100
171 36.7 29.3 43.9
170 24.2 19.2 28.8

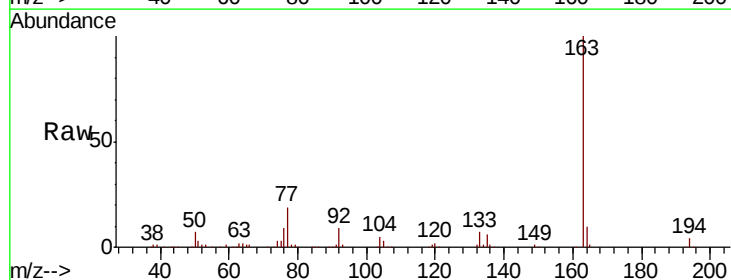


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

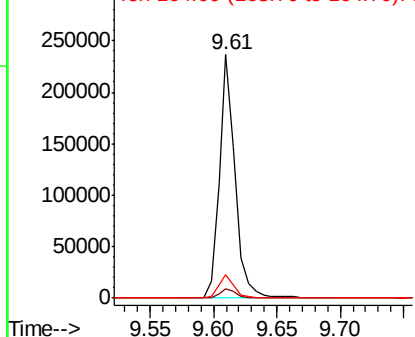
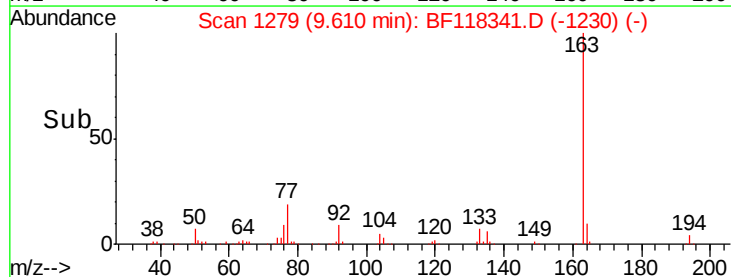


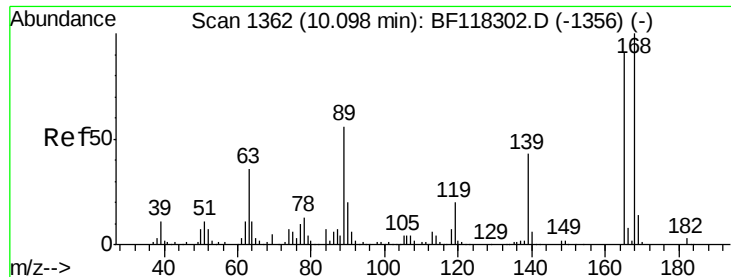
#50
Dimethylphthalate
Concen: 8.567 ng
RT: 9.61 min Scan# 1279
Delta R.T. -0.01 min
Lab File: BF118341.D
Acq: 27 Dec 2019 16:46

Tgt Ion:163 Resp: 206599
Ion Ratio Lower Upper
163 100
194 3.8 3.2 4.8
164 9.5 7.9 11.9



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

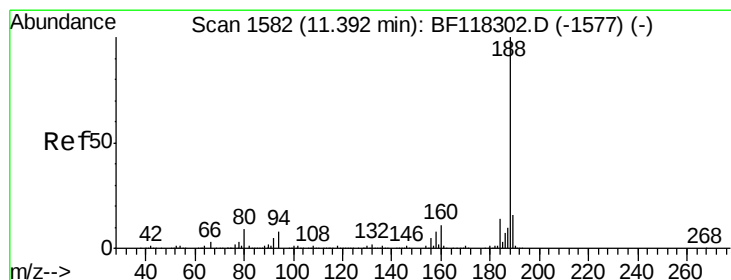
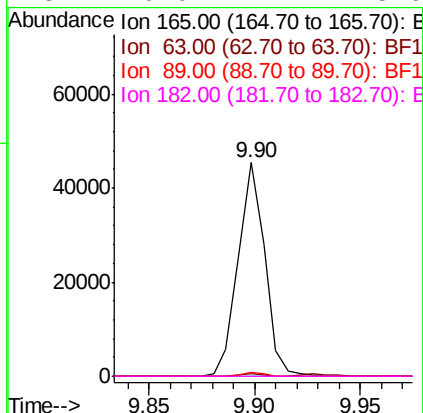
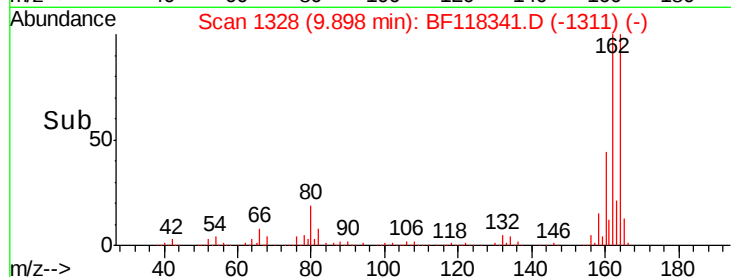
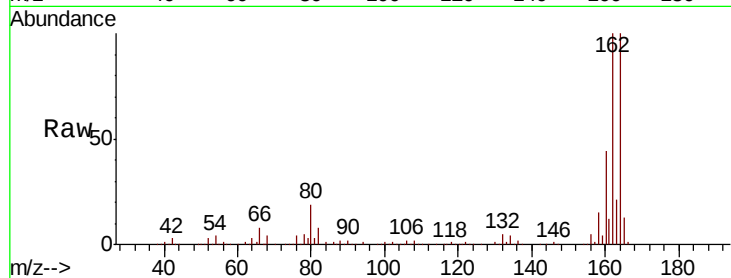




#57
 2,4-Dinitrotoluene
 Concen: 5.719 ng
 RT: 9.90 min Scan# 1328
 Delta R.T. -0.20 min
 Lab File: BF118341.D
 Acq: 27 Dec 2019 16:46

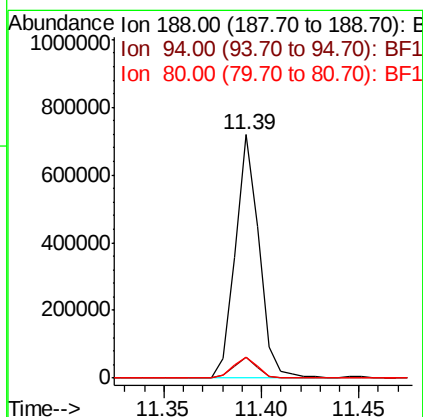
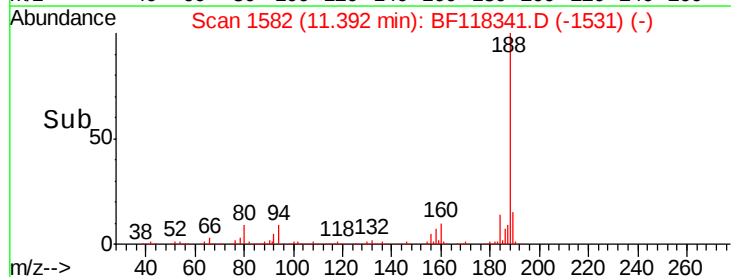
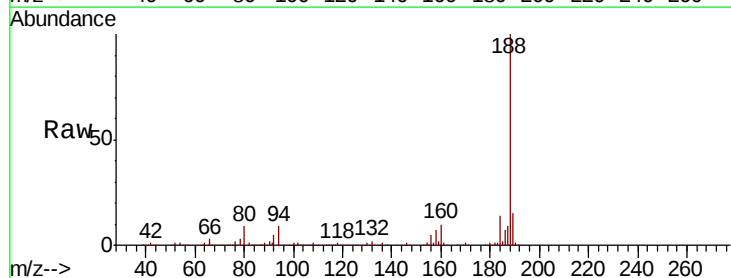
Instrument :
 BNA_F
 ClientSampleId :

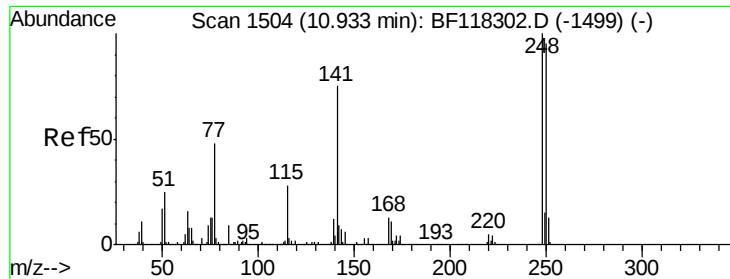
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.3	32.0	48.0#
89	1.8	49.3	73.9#
182	0.0	2.4	3.6#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.39 min Scan# 1582
 Delta R.T. 0.00 min
 Lab File: BF118341.D
 Acq: 27 Dec 2019 16:46

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.7	6.7	10.1
80	8.7	7.2	10.8

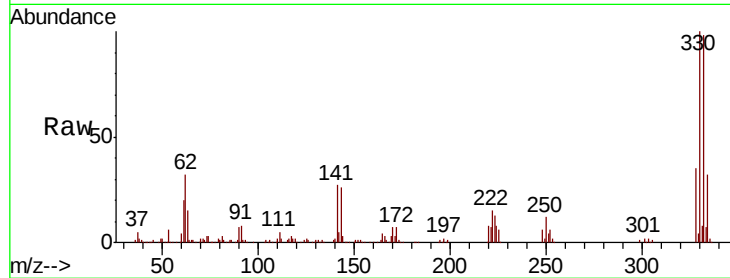




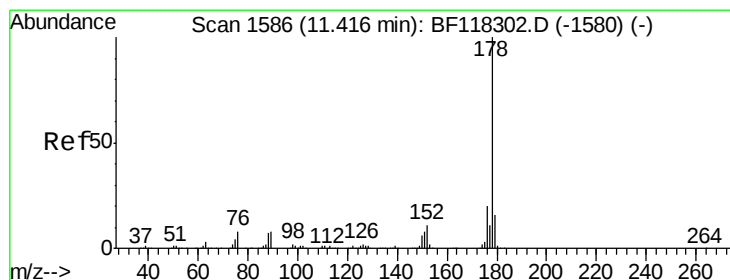
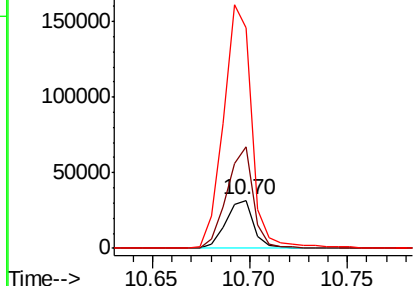
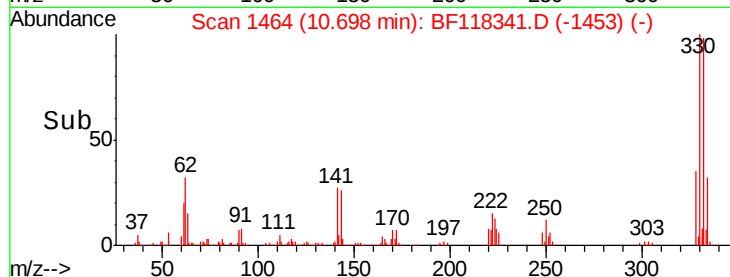
#67
 4-Bromophenyl-phenylether
 Concen: 4.430 ng
 RT: 10.70 min Scan# 1464
 Delta R.T. -0.24 min
 Lab File: BF118341.D
 Acq: 27 Dec 2019 16:46

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:248 Resp: 31573
 Ion Ratio Lower Upper
 248 100
 250 210.3 76.4 114.6#
 141 458.2 60.2 90.2#

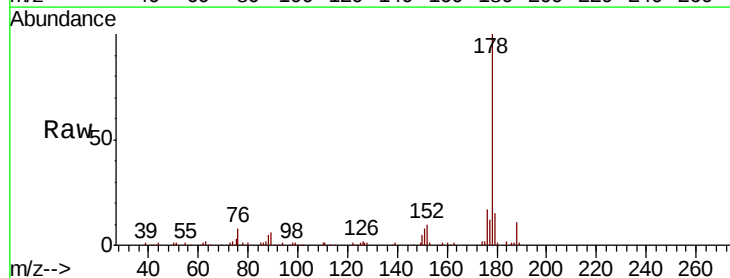


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

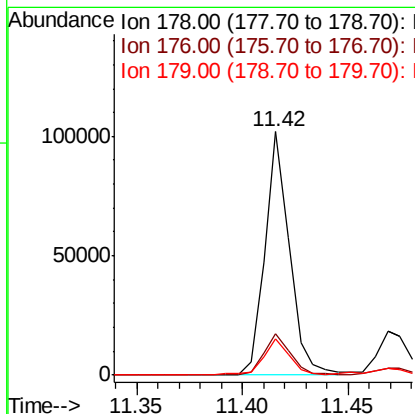
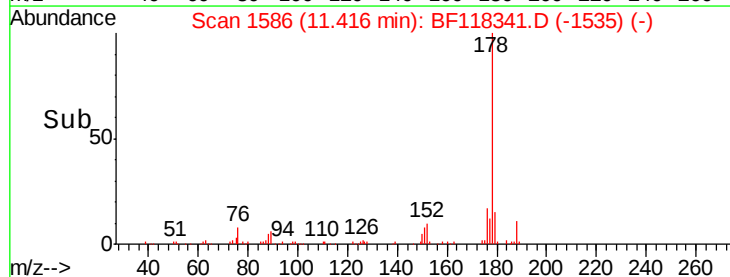


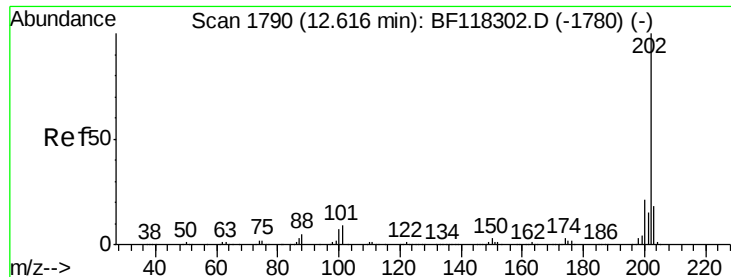
#71
 Phenanthrene
 Concen: 2.490 ng
 RT: 11.42 min Scan# 1586
 Delta R.T. 0.00 min
 Lab File: BF118341.D
 Acq: 27 Dec 2019 16:46

Tgt Ion:178 Resp: 82680
 Ion Ratio Lower Upper
 178 100
 176 16.8 15.6 23.4
 179 14.8 12.6 19.0



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





#75

Fluoranthene

Concen: 2.408 ng

RT: 12.61 min Scan# 1789

Delta R.T. -0.01 min

Lab File: BF118341.D

Acq: 27 Dec 2019 16:46

Instrument :

BNA_F

ClientSampled :

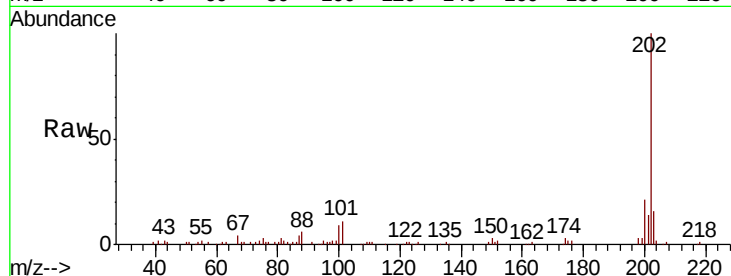
Tot Ion:202 Resp: 80702

Ion Ratio Lower Upper

202 100

101 11.2 0.0 29.5

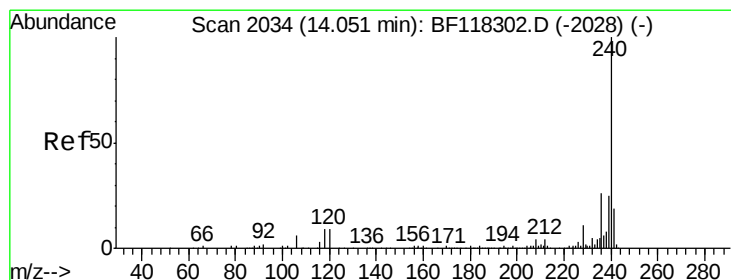
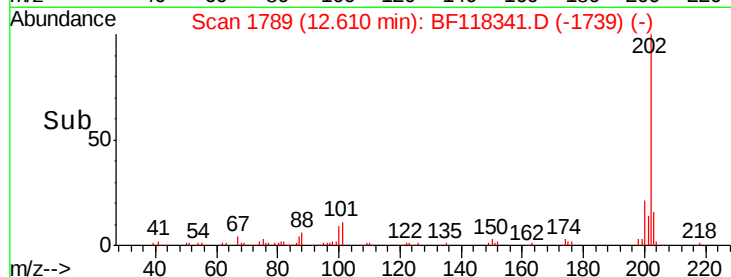
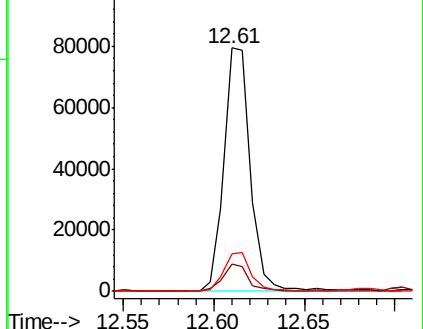
203 15.6 0.0 37.6



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: BF118341.D

Acq: 27 Dec 2019 16:46

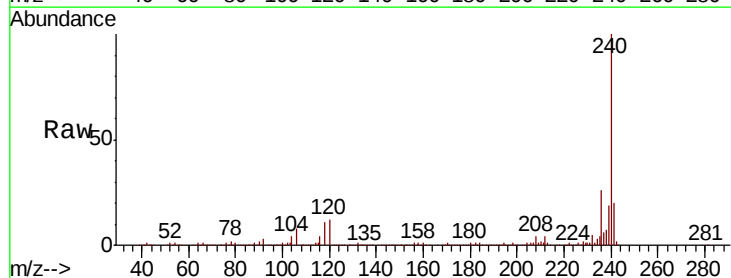
Tgt Ion:240 Resp: 409742

Ion Ratio Lower Upper

240 100

120 11.5 7.1 10.7#

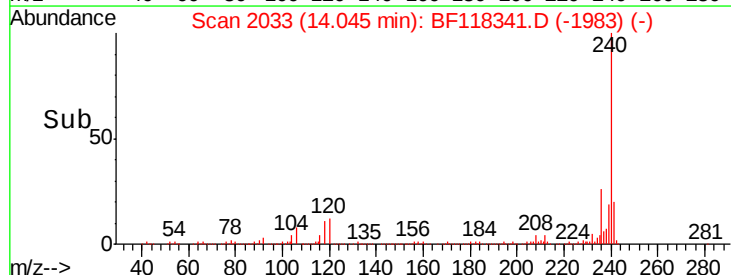
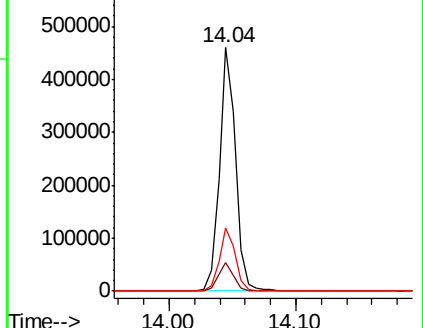
236 26.1 21.0 31.6

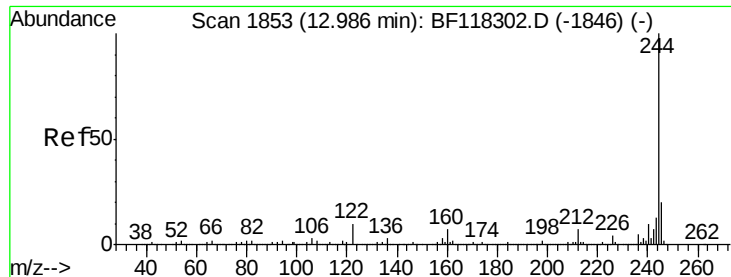


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 86.254 ng

RT: 12.99 min Scan# 1853

Delta R.T. 0.00 min

Lab File: BF118341.D

Acq: 27 Dec 2019 16:46

Instrument :

BNA_F

ClientSampled :

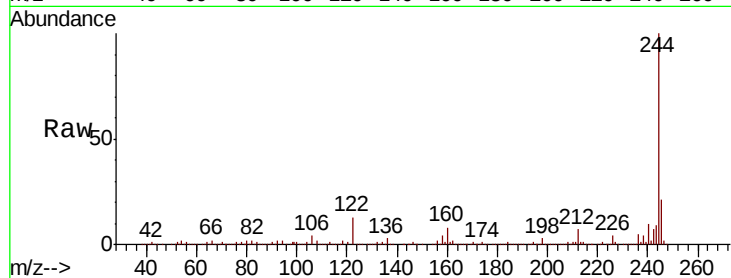
Tot Ion:244 Resp: 2130263

Ion Ratio Lower Upper

244 100

212 7.1 5.4 8.2

122 12.7 7.8 11.8#

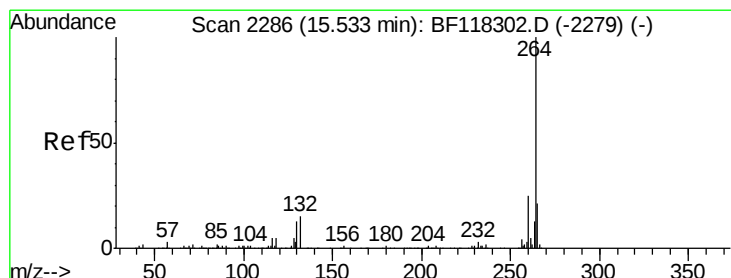
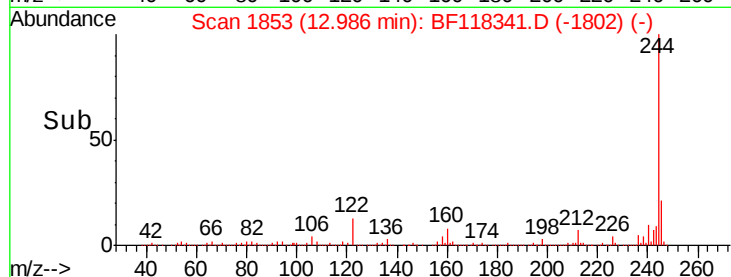
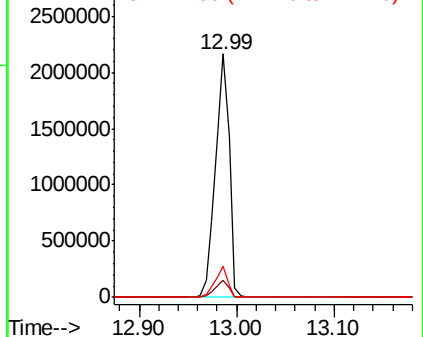


Abundance

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



#87

Perylene-d12

Concen: 20.000 ng

RT: 15.54 min Scan# 2287

Delta R.T. 0.01 min

Lab File: BF118341.D

Acq: 27 Dec 2019 16:46

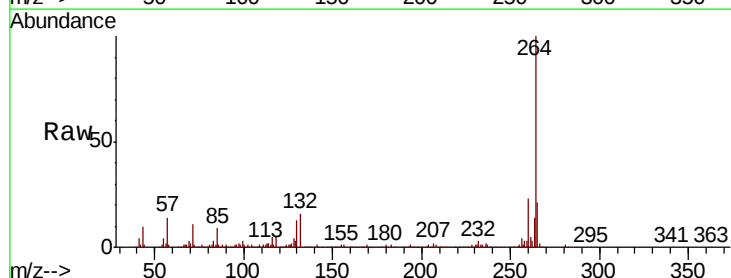
Tgt Ion:264 Resp: 382558

Ion Ratio Lower Upper

264 100

260 23.2 19.8 29.6

265 20.9 17.0 25.4



Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

