

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF031519\
 Data File : BF113067.D
 Acq On : 15 Mar 2019 15:53
 Operator : JU/SJ
 Sample : K1905-07
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RT-3483

Quant Time: Mar 15 22:54:07 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 13 03:42:55 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	118520	20.00	ng	0.00
21) Naphthalene-d8	8.01	136	439670	20.00	ng	0.00
39) Acenaphthene-d10	9.76	164	223826	20.00	ng	-0.01
64) Phenanthrene-d10	11.23	188	462001	20.00	ng	-0.01
76) Chrysene-d12	13.86	240	442258	20.00	ng	0.00
87) Perylene-d12	15.27	264	416983	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.34	112	878381	115.29	ng	0.00
7) Phenol-d6	6.37	99	1144911	119.62	ng	0.00
23) Nitrobenzene-d5	7.29	82	666732	90.74	ng	-0.01
42) 2,4,6-Tribromophenol	10.55	330	381518	160.56	ng	0.00
45) 2-Fluorobiphenyl	9.08	172	1265267	97.38	ng	-0.01
79) Terphenyl-d14	12.82	244	1500853	65.79	ng	0.00

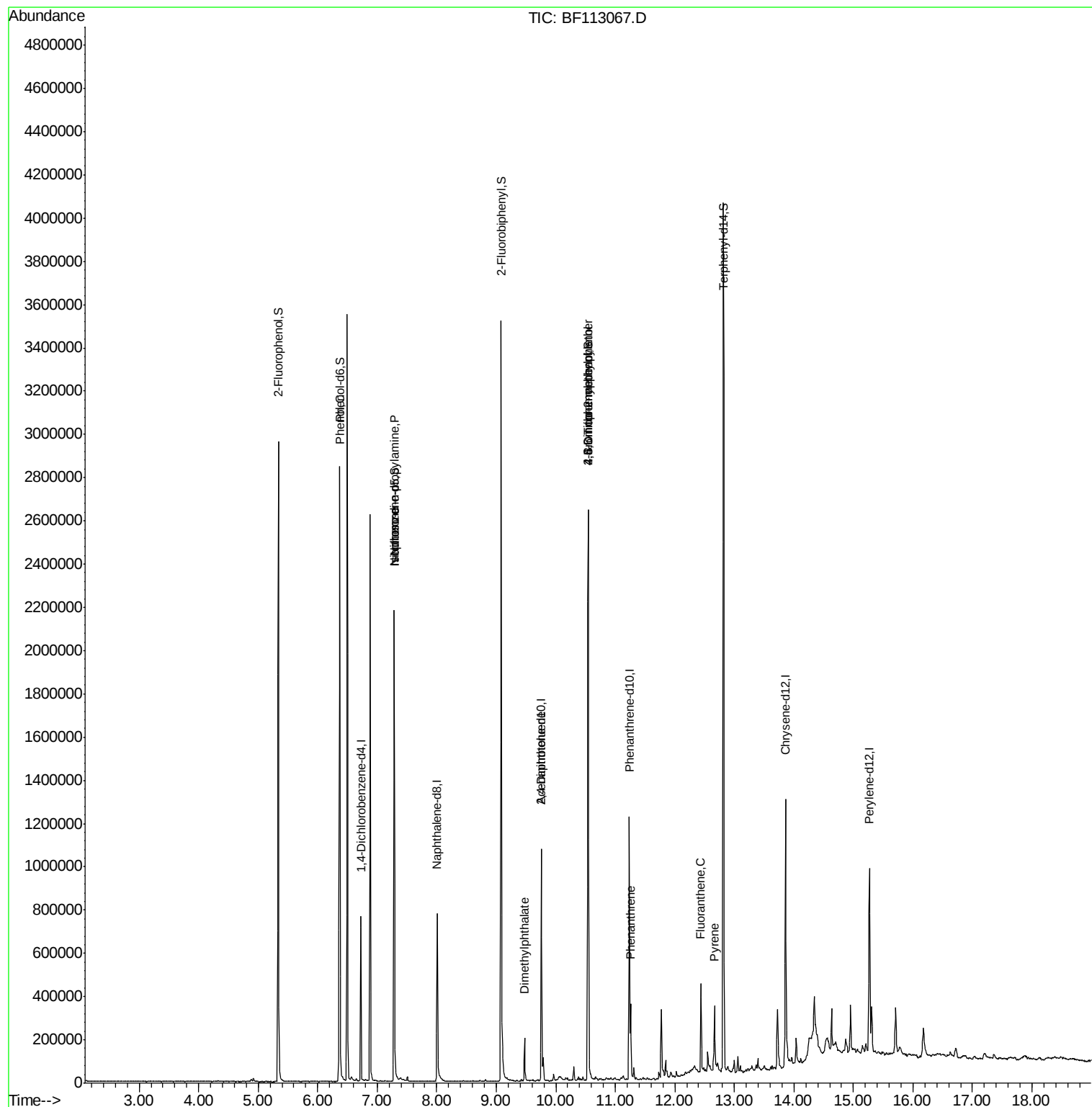
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Phenol	6.38	94	22652	2.028	ng	88
19) n-Nitroso-di-n-propylamine	7.29	70	88459	14.593	ng	# 76
25) Isophorone	7.29	82	656316	41.462	ng	# 66
50) Dimethylphthalate	9.47	163	88013	5.333	ng	99
57) 2,4-Dinitrotoluene	9.76	165	28968	6.781	ng	# 18
65) 4,6-Dinitro-2-methylphenol	10.55	198	635	4.915	ng	# 1
67) 4-Bromophenyl-phenylether	10.55	248	21341	4.386	ng	# 1
71) Phenanthrene	11.26	178	115179	5.011	ng	98
75) Fluoranthene	12.44	202	170664	6.930	ng	96
78) Pyrene	12.67	202	125927	3.378	ng	97

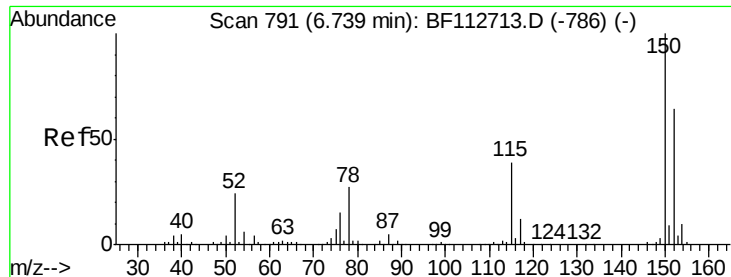
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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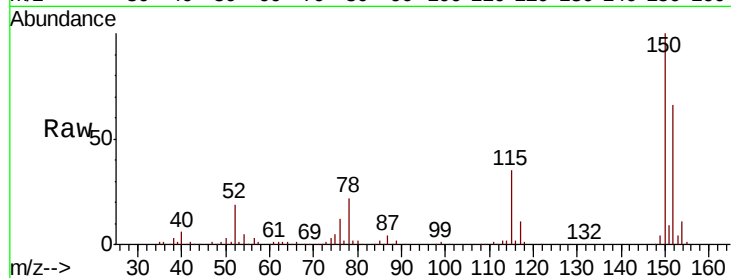


#1

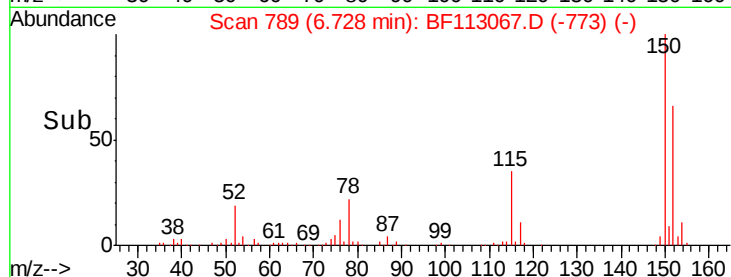
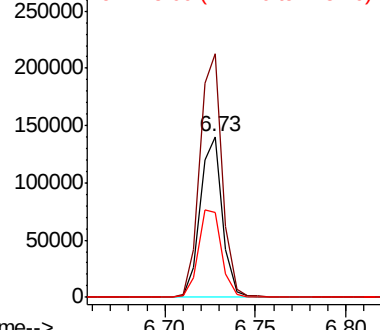
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 789
Delta R.T. -0.01 min
Lab File: BF113067.D
Acq: 15 Mar 2019 15:53

Instrument :
BNA_F
ClientSampleId :
RT-3483

Tgt Ion:152 Resp: 118520
Ion Ratio Lower Upper
152 100
150 151.8 124.2 186.2
115 52.6 48.2 72.4



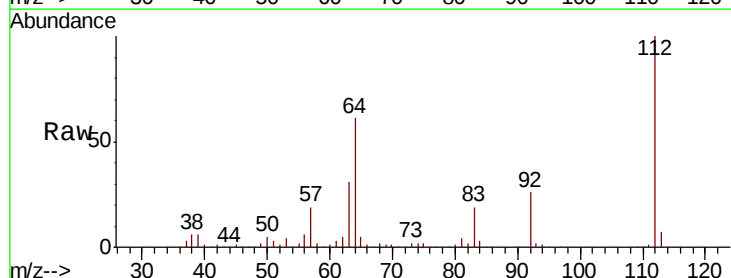
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



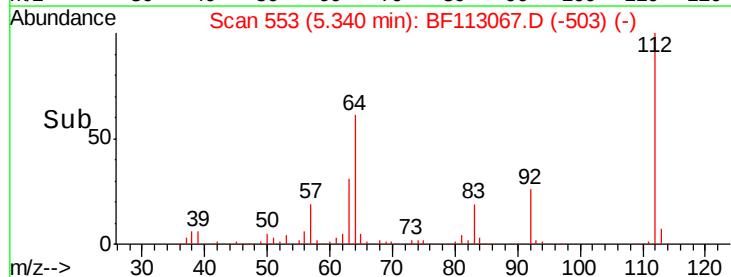
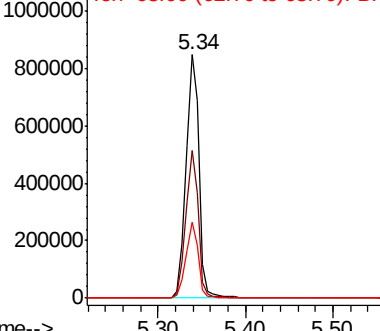
#5

2-Fluorophenol
Concen: 115.285 ng
RT: 5.34 min Scan# 553
Delta R.T. -0.01 min
Lab File: BF113067.D
Acq: 15 Mar 2019 15:53

Tgt Ion:112 Resp: 878381
Ion Ratio Lower Upper
112 100
64 60.8 47.6 71.4
63 31.2 24.4 36.6



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: 119.623 ng

RT: 6.37 min Scan# 728

Delta R.T. -0.01 min

Lab File: BF113067.D

Acq: 15 Mar 2019 15:53

Instrument :

BNA_F

ClientSampleId :

RT-3483

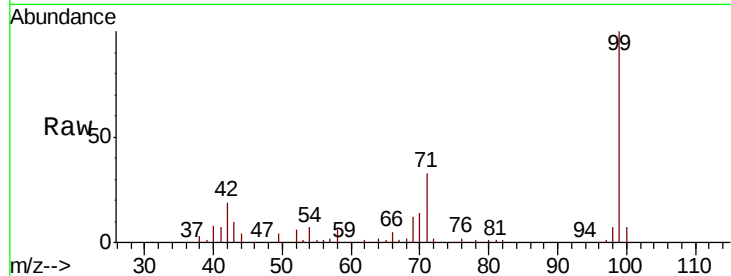
Tgt Ion: 99 Resp: 1144911

Ion Ratio Lower Upper

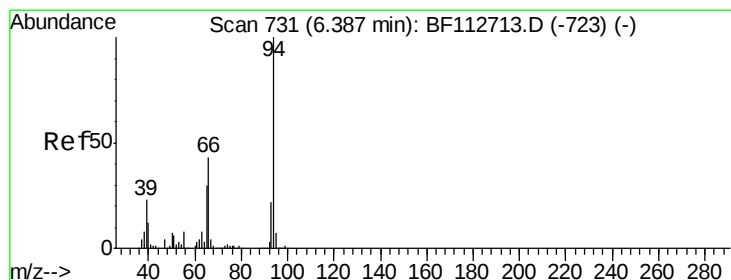
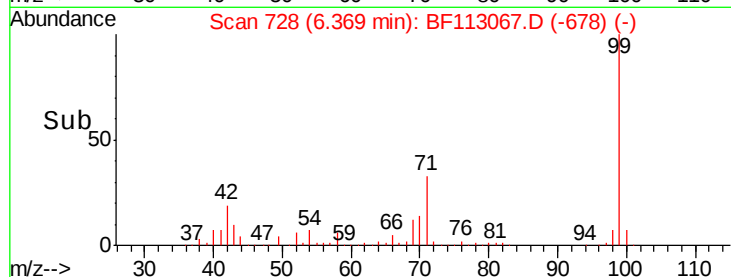
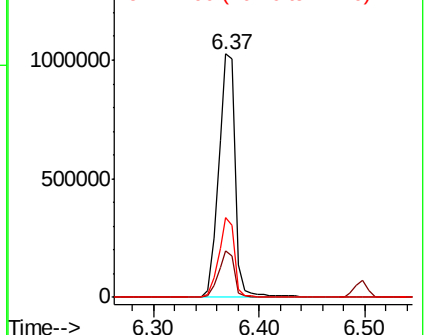
99 100

42 19.0 16.3 24.5

71 32.6 26.2 39.4



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: 2.028 ng

RT: 6.38 min Scan# 730

Delta R.T. -0.01 min

Lab File: BF113067.D

Acq: 15 Mar 2019 15:53

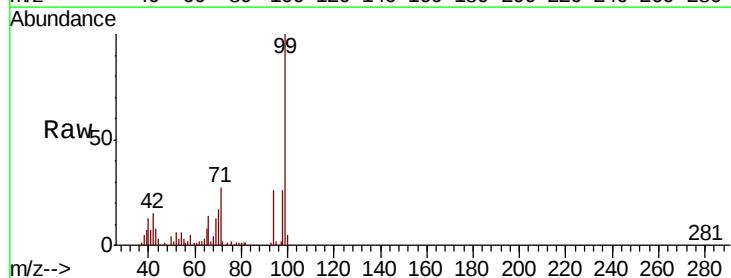
Tgt Ion: 94 Resp: 22652

Ion Ratio Lower Upper

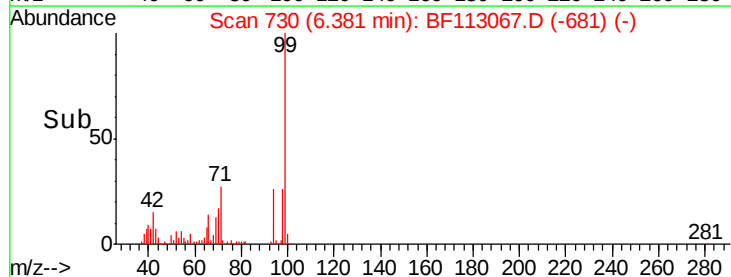
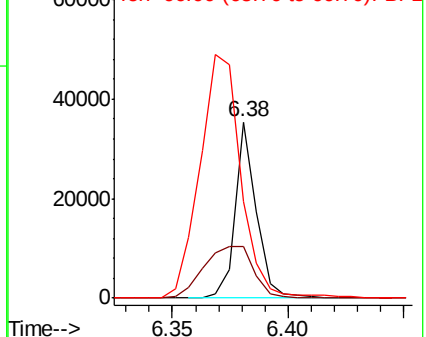
94 100

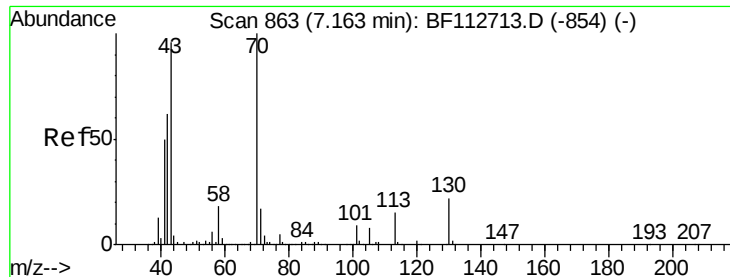
65 29.4 10.5 50.5

66 54.5 22.6 62.6



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

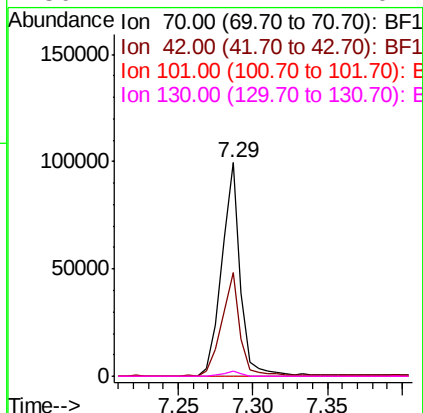
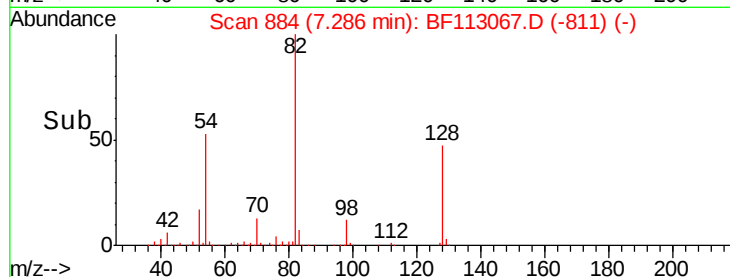
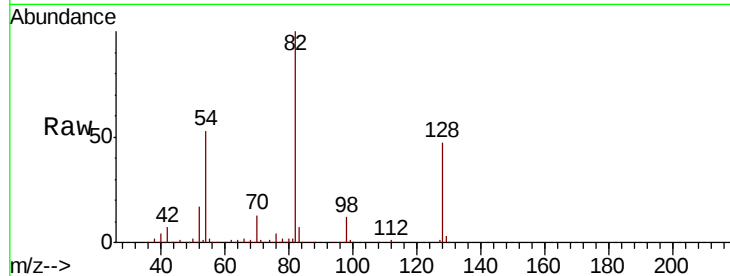




#19
n-Nitroso-di-n-propylamine
Concen: 14.593 ng
RT: 7.29 min Scan# 884
Delta R.T. 0.13 min
Lab File: BF113067.D
Acq: 15 Mar 2019 15:53

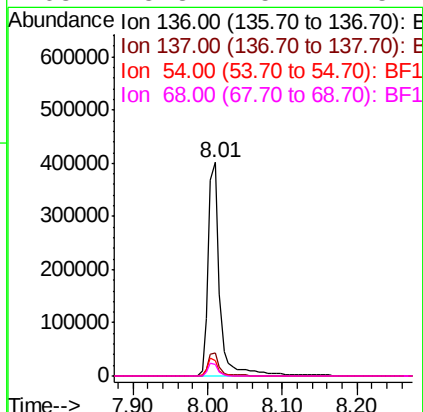
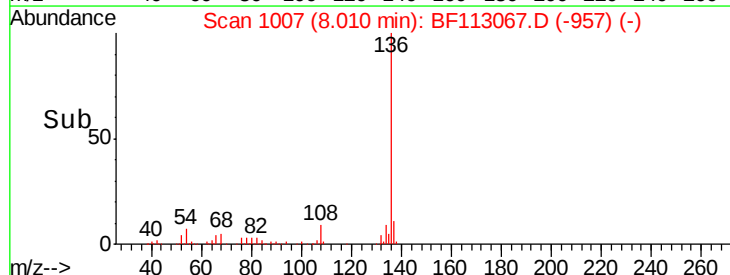
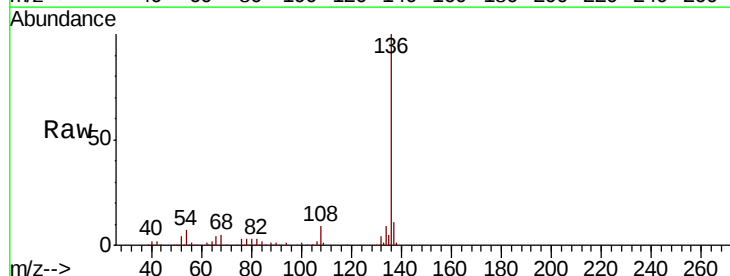
Instrument :
BNA_F
ClientSampleId :
RT-3483

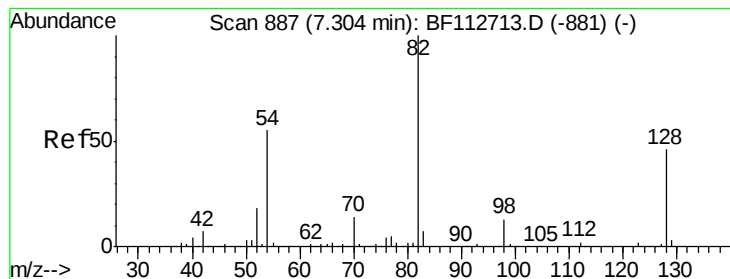
Tgt Ion: 70 Resp: 88459
Ion Ratio Lower Upper
70 100
42 48.7 49.9 74.9#
101 0.0 7.4 11.2#
130 2.4 17.4 26.2#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.01 min Scan# 1007
Delta R.T. -0.01 min
Lab File: BF113067.D
Acq: 15 Mar 2019 15:53

Tgt Ion: 136 Resp: 439670
Ion Ratio Lower Upper
136 100
137 10.9 8.9 13.3
54 7.4 7.3 10.9
68 5.3 5.4 8.2#





#23

Nitrobenzene-d5

Concen: 90.740 ng

RT: 7.29 min Scan# 884

Delta R.T. -0.01 min

Lab File: BF113067.D

Acq: 15 Mar 2019 15:53

Instrument :

BNA_F

ClientSampled :

RT-3483

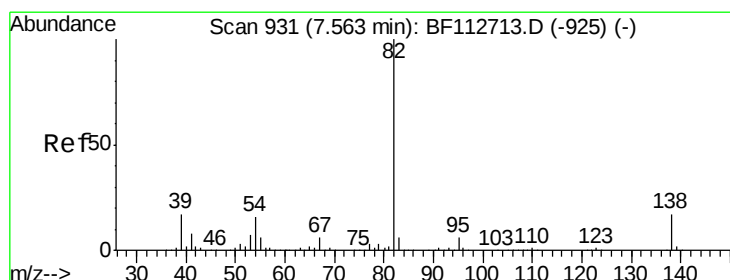
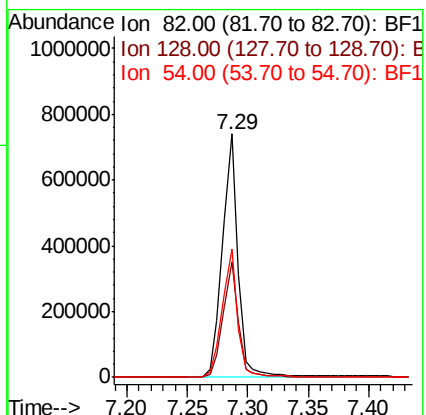
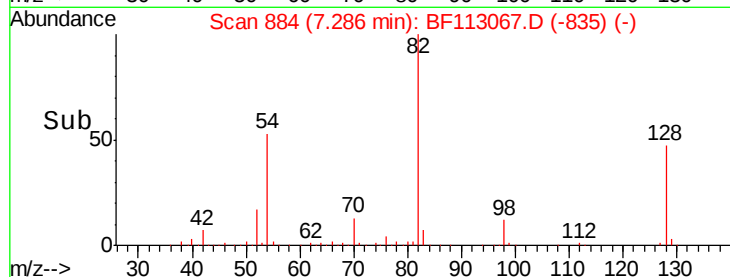
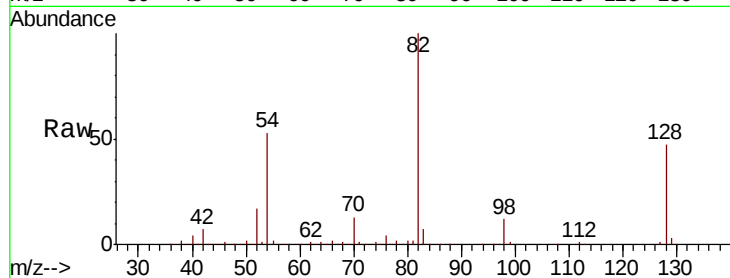
Tgt Ion: 82 Resp: 666732

Ion Ratio Lower Upper

82 100

128 47.5 36.3 54.5

54 52.5 43.7 65.5



#25

Isophorone

Concen: 41.462 ng

RT: 7.29 min Scan# 884

Delta R.T. -0.27 min

Lab File: BF113067.D

Acq: 15 Mar 2019 15:53

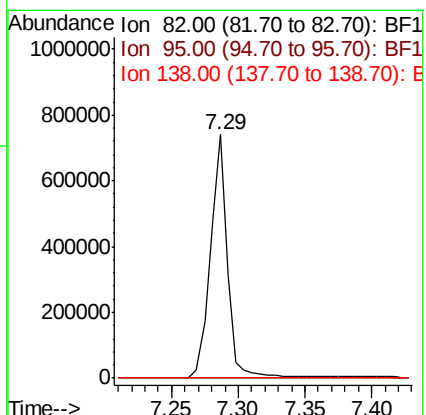
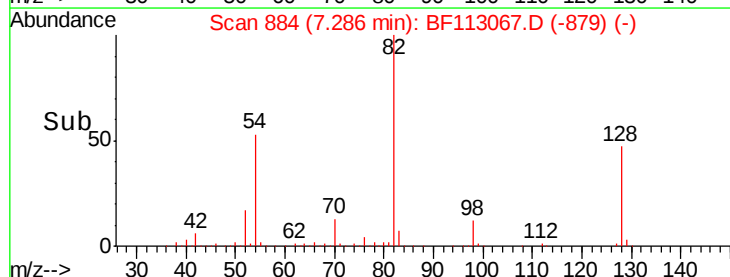
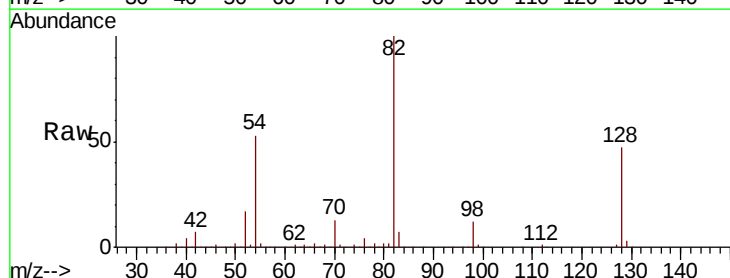
Tgt Ion: 82 Resp: 656316

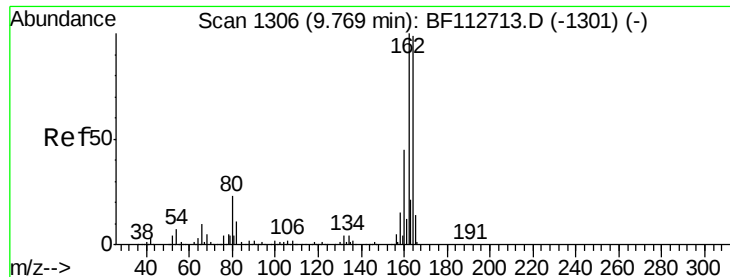
Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

138 0.0 13.8 20.8#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.76 min Scan# 1304

Delta R.T. -0.01 min

Lab File: BF113067.D

Acq: 15 Mar 2019 15:53

Instrument :

BNA_F

ClientSampleId :

RT-3483

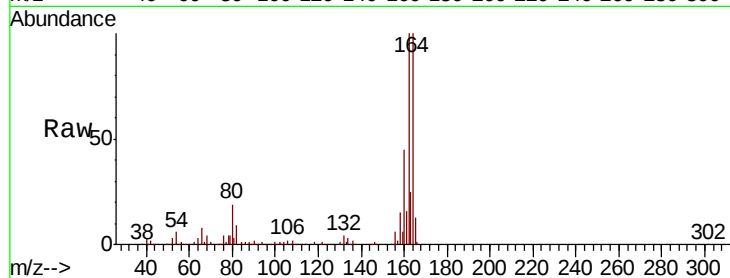
Tgt Ion:164 Resp: 223826

Ion Ratio Lower Upper

164 100

162 100.3 80.6 120.8

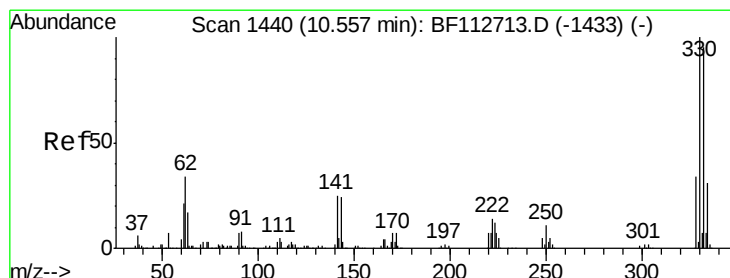
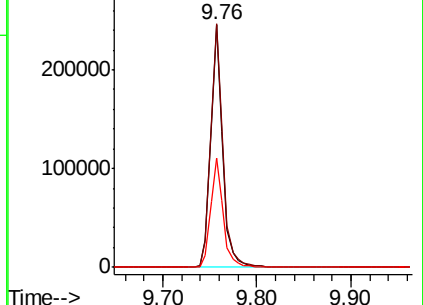
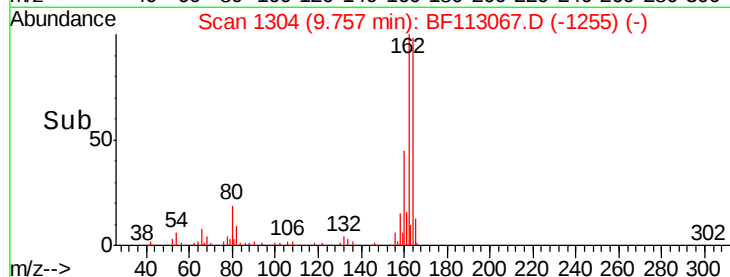
160 45.1 36.0 54.0



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: 160.558 ng

RT: 10.55 min Scan# 1438

Delta R.T. -0.01 min

Lab File: BF113067.D

Acq: 15 Mar 2019 15:53

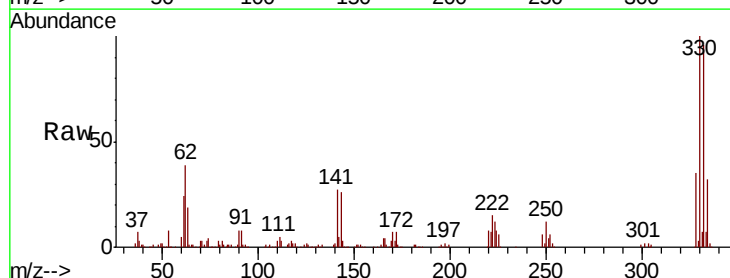
Tgt Ion:330 Resp: 381518

Ion Ratio Lower Upper

330 100

332 95.4 76.2 114.4

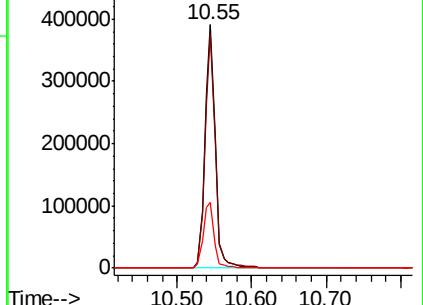
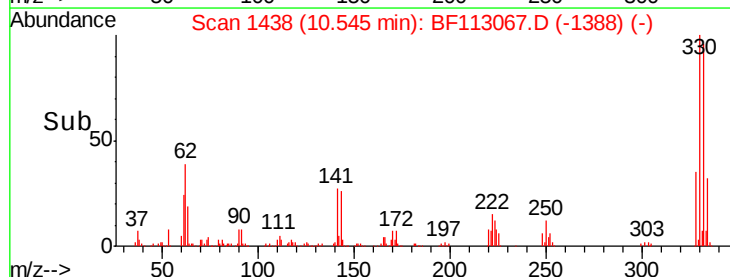
141 28.5 27.0 40.6

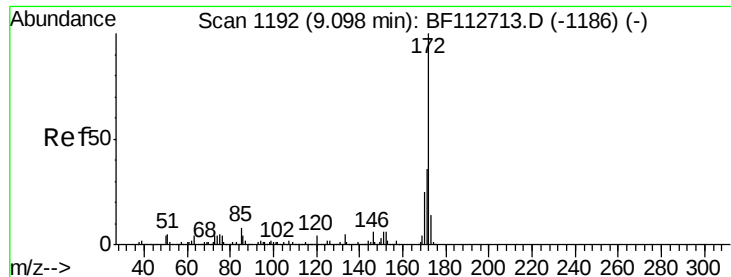


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

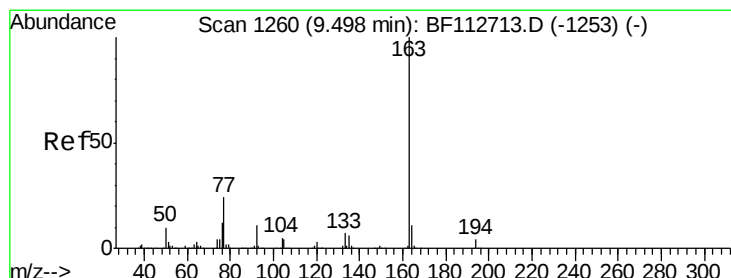
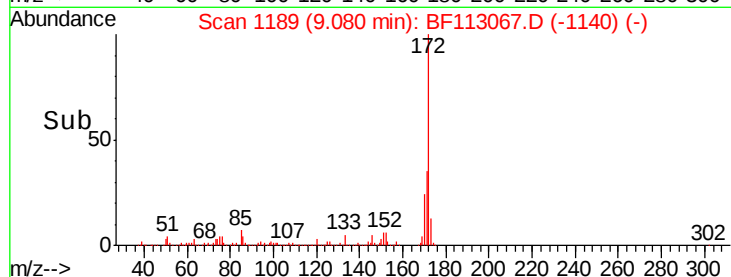
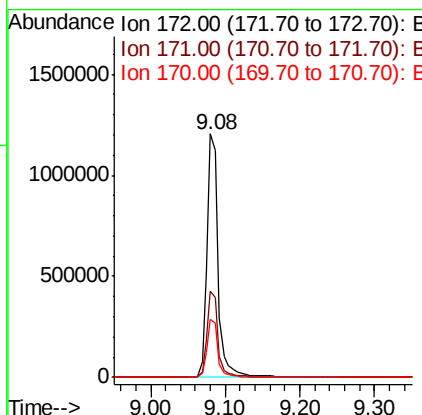
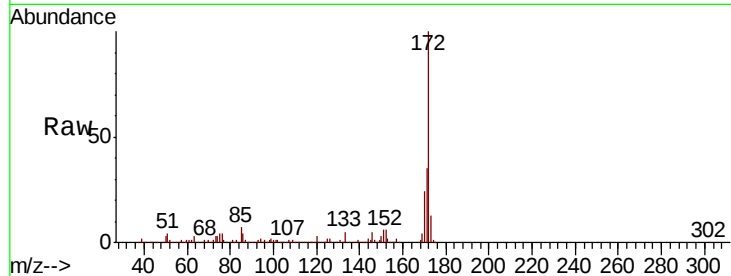




#45
2-Fluorobiphenyl
Concen: 97.383 ng
RT: 9.08 min Scan# 1189
Delta R.T. -0.01 min
Lab File: BF113067.D
Acq: 15 Mar 2019 15:53

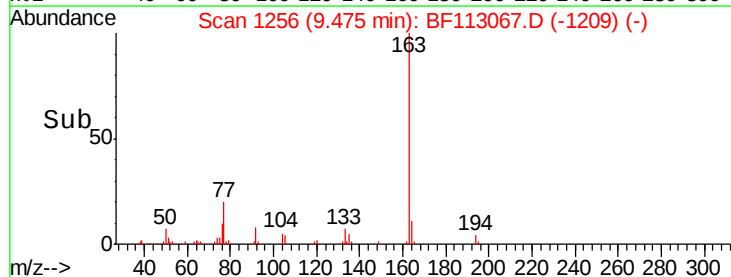
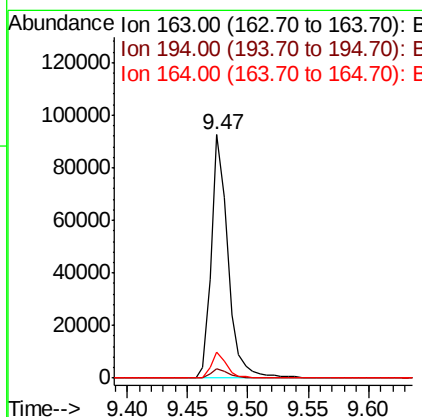
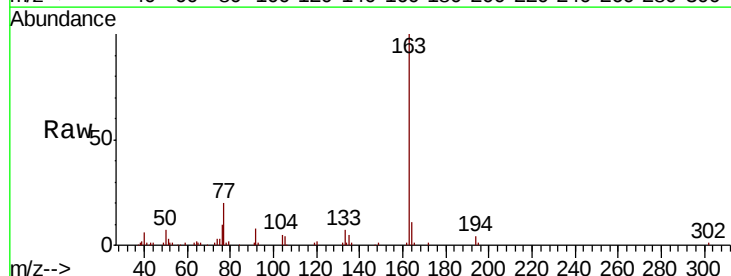
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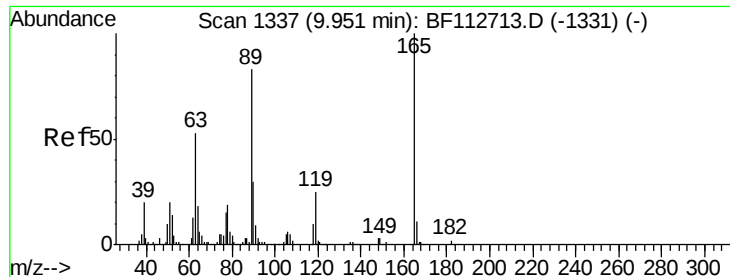
Tgt Ion:172 Resp: 1265267
Ion Ratio Lower Upper
172 100
171 35.4 29.0 43.4
170 24.1 20.0 30.0



#50
Dimethylphthalate
Concen: 5.333 ng
RT: 9.47 min Scan# 1256
Delta R.T. -0.02 min
Lab File: BF113067.D
Acq: 15 Mar 2019 15:53

Tgt Ion:163 Resp: 88013
Ion Ratio Lower Upper
163 100
194 3.7 3.0 4.4
164 10.8 8.4 12.6

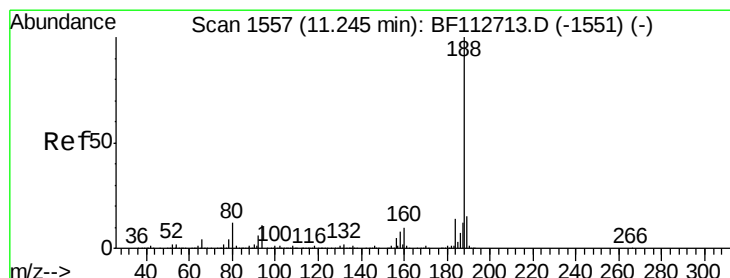
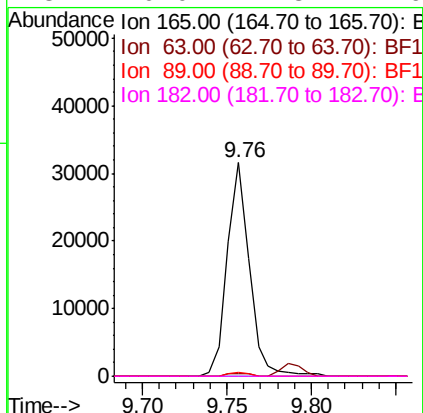
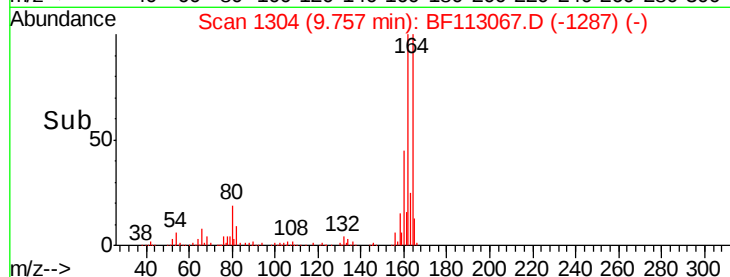
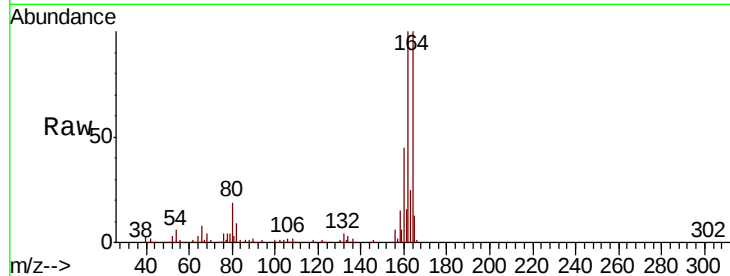




#57
2,4-Dinitrotoluene
Concen: 6.781 ng
RT: 9.76 min Scan# 1304
Delta R.T. -0.20 min
Lab File: BF113067.D
Acq: 15 Mar 2019 15:53

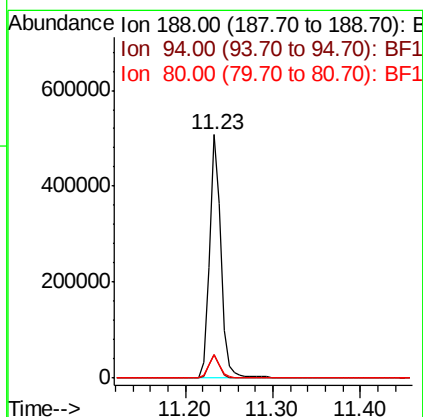
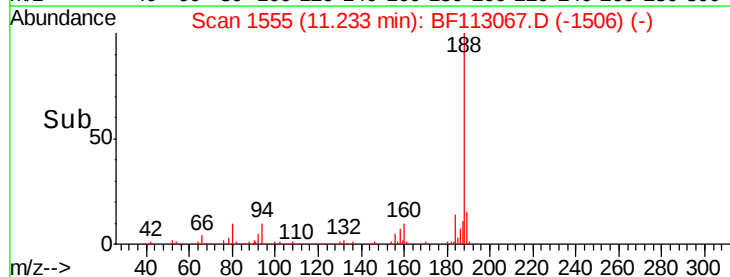
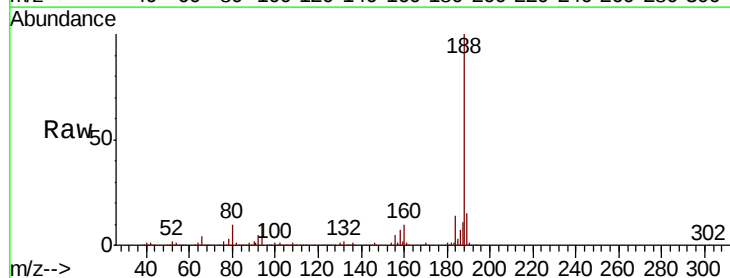
Instrument :
BNA_F
ClientSampleId :
RT-3483

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.0	42.2	63.2#
89	1.9	66.2	99.4#
182	0.0	1.8	2.6#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.23 min Scan# 1555
Delta R.T. -0.01 min
Lab File: BF113067.D
Acq: 15 Mar 2019 15:53

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.8	9.0	13.4
80	9.7	9.2	13.8

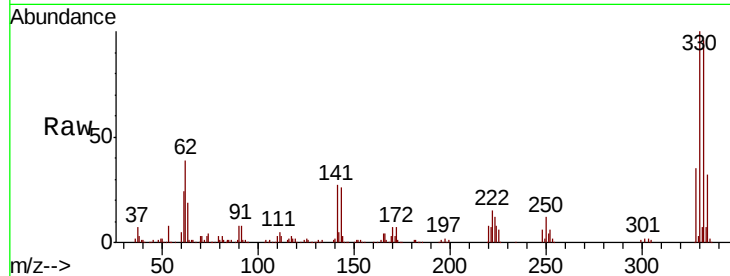




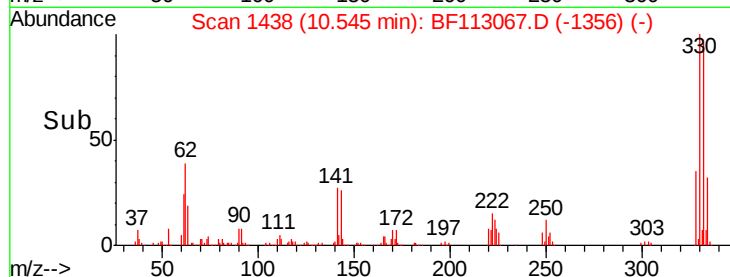
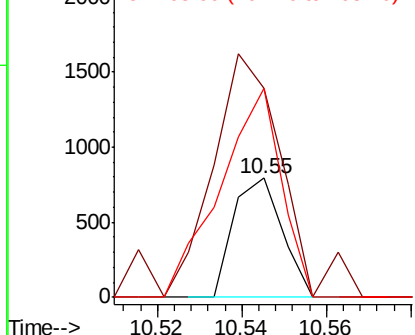
#65
 4,6-Dinitro-2-methylphenol
 Concen: 4.915 ng
 RT: 10.55 min Scan# 1438
 Delta R.T. 0.18 min
 Lab File: BF113067.D
 Acq: 15 Mar 2019 15:53

Instrument :
 BNA_F
 ClientSampleId :
 RT-3483

Tgt Ion:198 Resp: 635
 Ion Ratio Lower Upper
 198 100
 51 175.9 43.8 83.8#
 105 175.8 36.5 76.5#

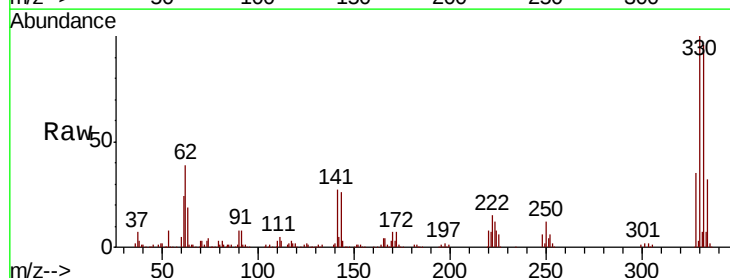


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

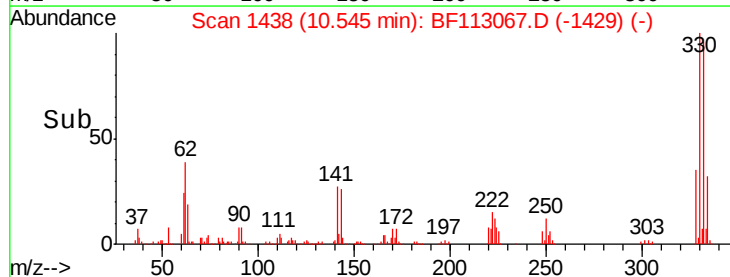
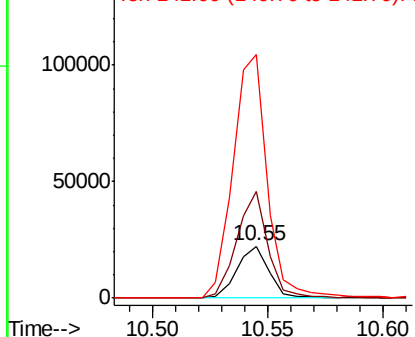


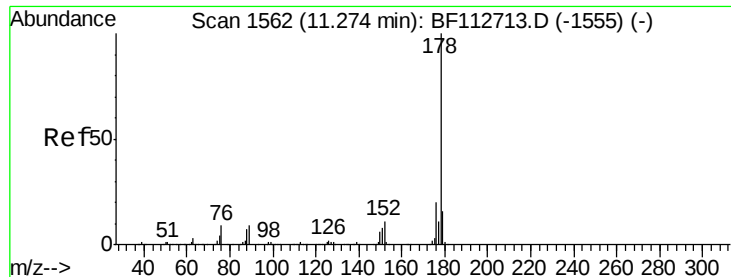
#67
 4-Bromophenyl-phenylether
 Concen: 4.386 ng
 RT: 10.55 min Scan# 1438
 Delta R.T. -0.25 min
 Lab File: BF113067.D
 Acq: 15 Mar 2019 15:53

Tgt Ion:248 Resp: 21341
 Ion Ratio Lower Upper
 248 100
 250 207.4 77.5 116.3#
 141 471.8 62.4 93.6#



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

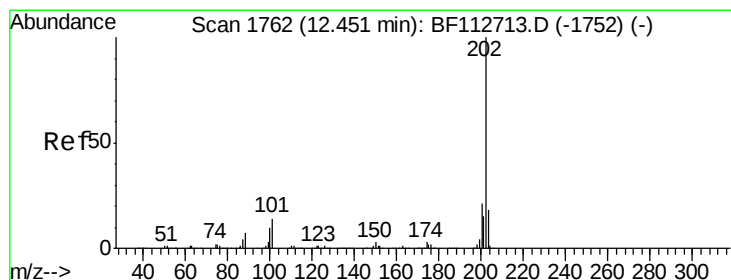
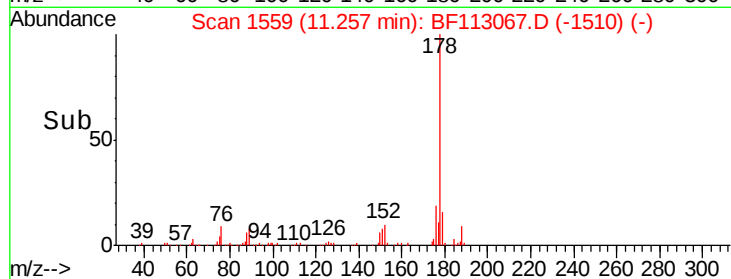
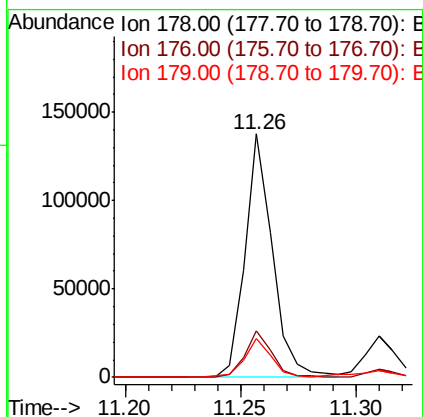
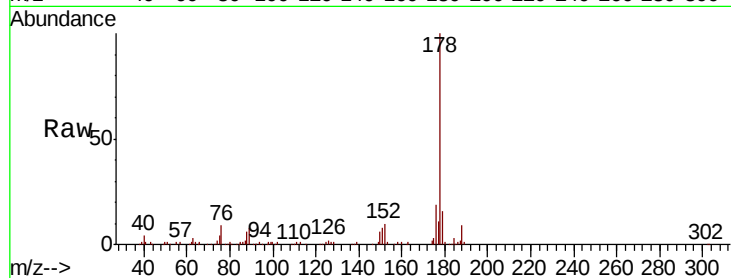




#71
Phenanthrene
Concen: 5.011 ng
RT: 11.26 min Scan# 1559
Delta R.T. -0.01 min
Lab File: BF113067.D
Acq: 15 Mar 2019 15:53

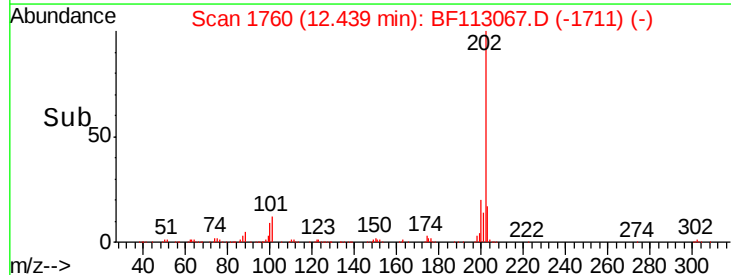
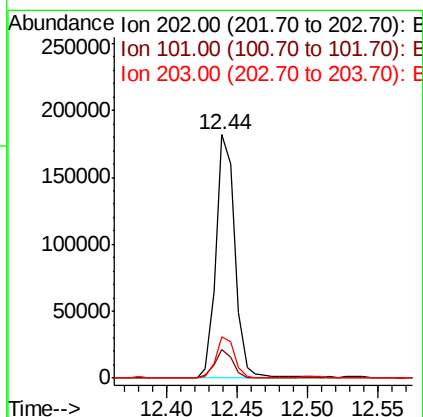
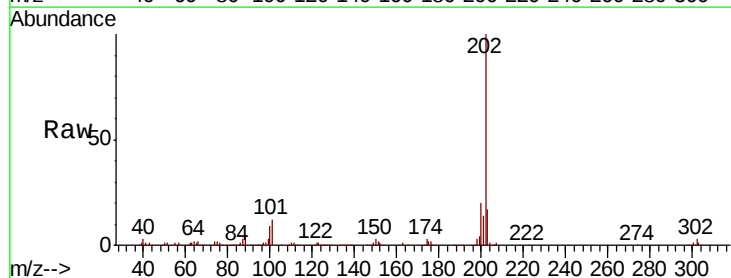
Instrument :
BNA_F
ClientSampleId :
RT-3483

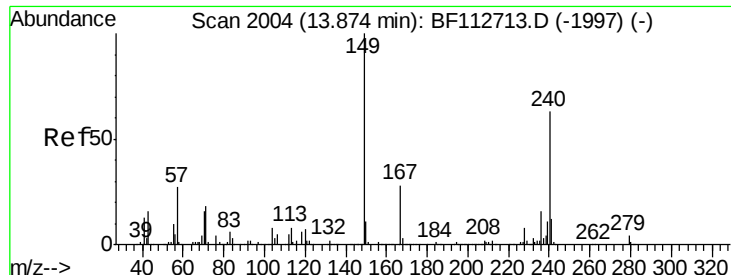
Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.9	16.3	24.5
179	15.7	12.7	19.1



#75
Fluoranthene
Concen: 6.930 ng
RT: 12.44 min Scan# 1760
Delta R.T. -0.01 min
Lab File: BF113067.D
Acq: 15 Mar 2019 15:53

Tgt Ion	Ratio	Lower	Upper
202	100		
101	11.9	0.0	33.8
203	16.9	0.0	38.4

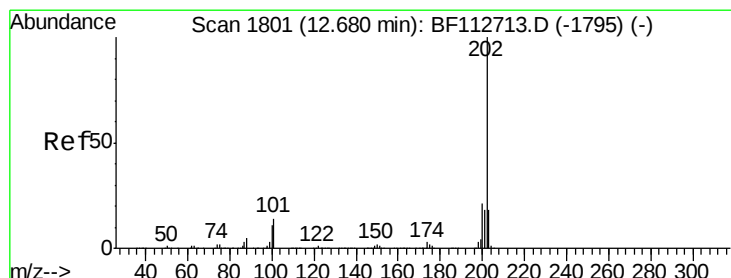
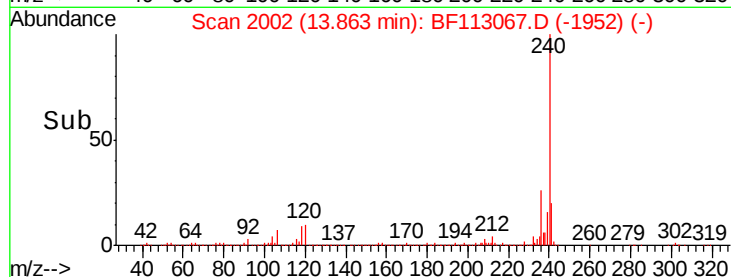
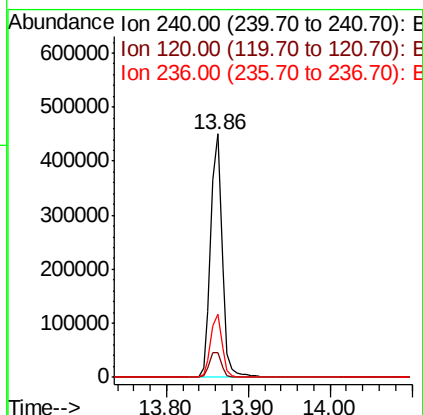
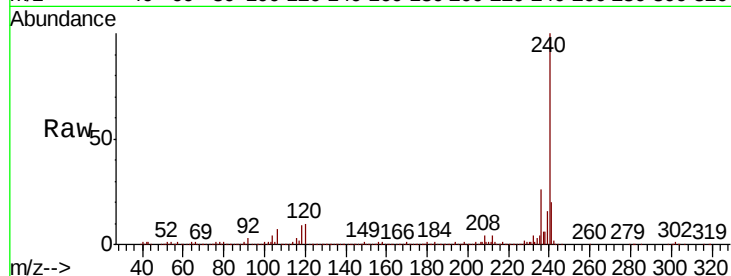




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.86 min Scan# 2002
Delta R.T. -0.01 min
Lab File: BF113067.D
Acq: 15 Mar 2019 15:53

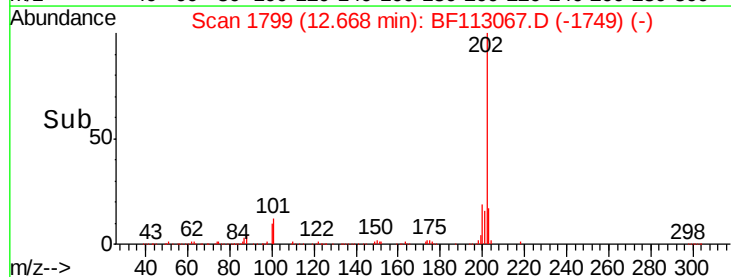
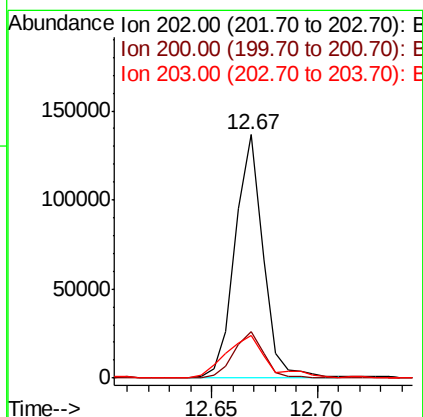
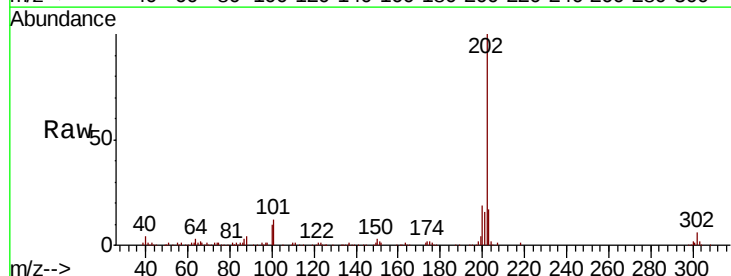
Instrument :
BNA_F
ClientSampleId :
RT-3483

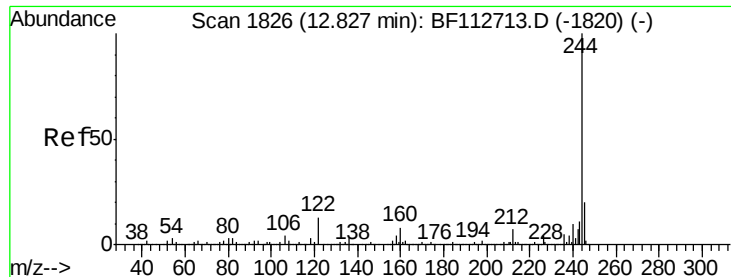
Tgt Ion:240 Resp: 442258
Ion Ratio Lower Upper
240 100
120 10.3 8.9 13.3
236 25.7 20.7 31.1



#78
Pyrene
Concen: 3.378 ng
RT: 12.67 min Scan# 1799
Delta R.T. -0.01 min
Lab File: BF113067.D
Acq: 15 Mar 2019 15:53

Tgt Ion:202 Resp: 125927
Ion Ratio Lower Upper
202 100
200 19.1 17.0 25.4
203 17.3 14.4 21.6





#79

Terphenyl-d14

Concen: 65.785 ng

RT: 12.82 min Scan# 1824

Delta R.T. -0.01 min

Lab File: BF113067.D

Acq: 15 Mar 2019 15:53

Instrument :

BNA_F

ClientSampleId :

RT-3483

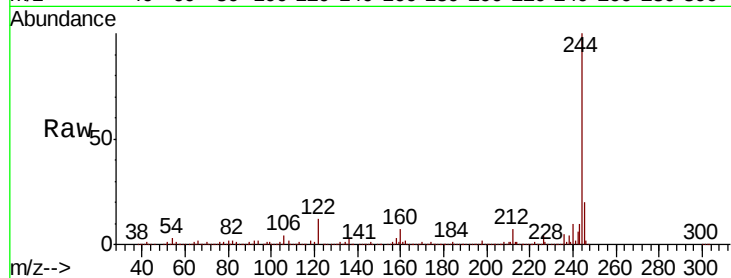
Tgt Ion:244 Resp: 1500853

Ion Ratio Lower Upper

244 100

212 7.0 5.6 8.4

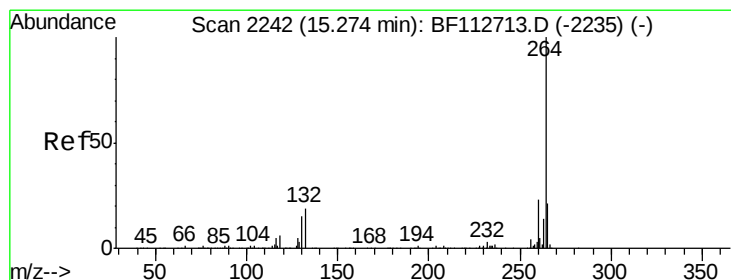
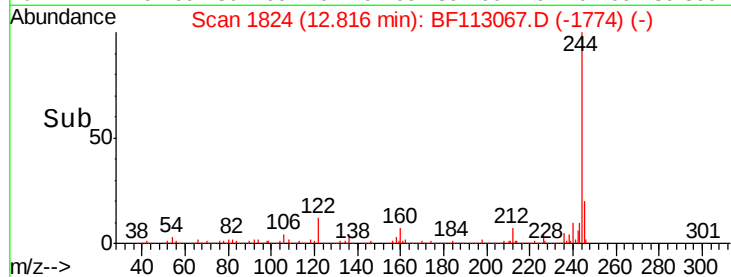
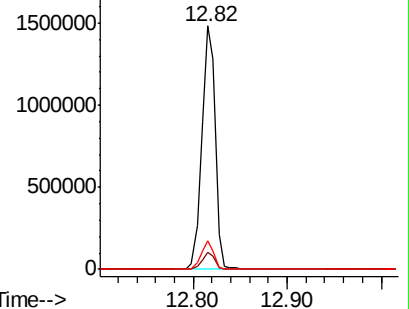
122 11.8 10.5 15.7



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: 15.27 min Scan# 2241

Delta R.T. -0.01 min

Lab File: BF113067.D

Acq: 15 Mar 2019 15:53

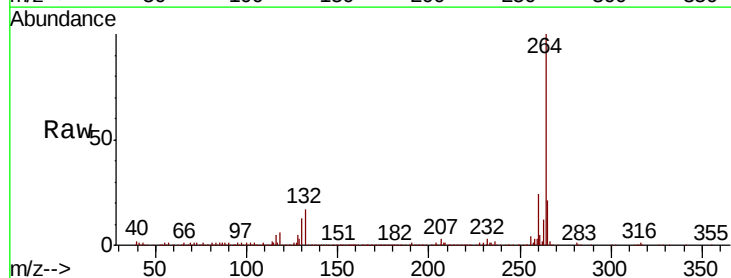
Tgt Ion:264 Resp: 416983

Ion Ratio Lower Upper

264 100

260 23.8 18.7 28.1

265 21.4 17.2 25.8



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

