

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF031519\
 Data File : BF113077.D
 Acq On : 15 Mar 2019 20:35
 Operator : JU/SJ
 Sample : K1929-03
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RS-2S3(0.0-0.5)

Quant Time: Mar 15 22:56:28 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

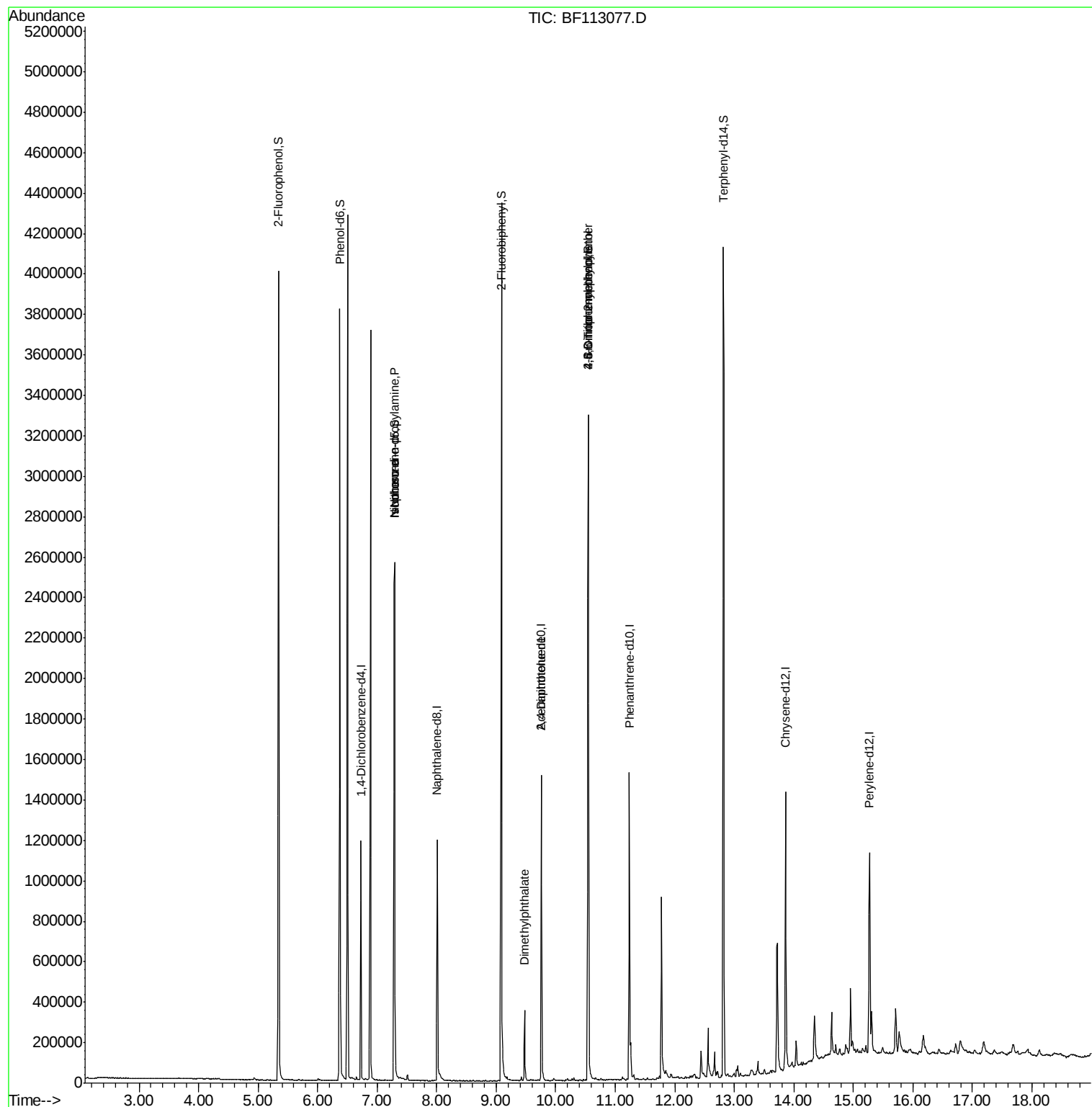
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	170026	20.00	ng	0.00
21) Naphthalene-d8	8.01	136	634640	20.00	ng	0.00
39) Acenaphthene-d10	9.76	164	308234	20.00	ng	-0.01
64) Phenanthrene-d10	11.23	188	623972	20.00	ng	-0.01
76) Chrysene-d12	13.86	240	486657	20.00	ng	0.00
87) Perylene-d12	15.27	264	498317	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	1214887	111.15	ng	0.00
7) Phenol-d6	6.37	99	1569127	114.28	ng	0.00
23) Nitrobenzene-d5	7.29	82	955056	90.05	ng	0.00
42) 2,4,6-Tribromophenol	10.55	330	475166	145.21	ng	0.00
45) 2-Fluorobiphenyl	9.09	172	1538469	81.90	ng	0.00
79) Terphenyl-d14	12.82	244	1525361	60.76	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.29	70	126639	14.563	ng	# 74
25) Isophorone	7.29	82	945719	41.390	ng	# 66
50) Dimethylphthalate	9.47	163	157467	6.928	ng	99
57) 2,4-Dinitrotoluene	9.76	165	38658	6.571	ng	# 17
65) 4,6-Dinitro-2-methylphenol	10.55	198	706	4.862	ng	# 1
67) 4-Bromophenyl-phenylether	10.55	248	27396	4.168	ng	# 1

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

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF031519\
Data File : BF113077.D
Acq On : 15 Mar 2019 20:35
Operator : JU/SJ
Sample : K1929-03
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RS-2S3(0.0-0.5)

Quant Time: Mar 15 22:56:28 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



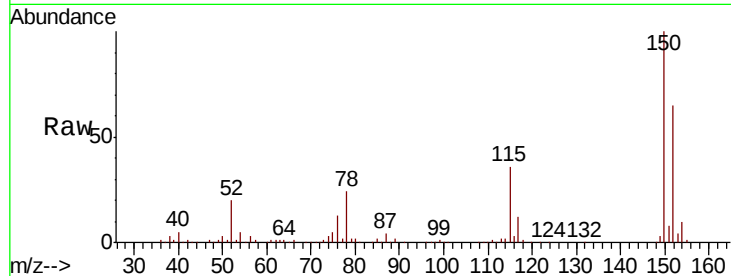


#1

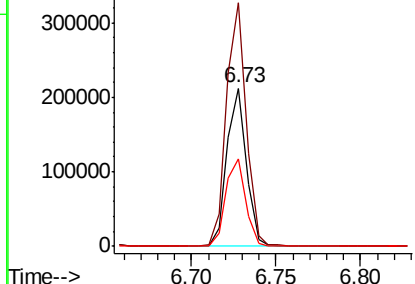
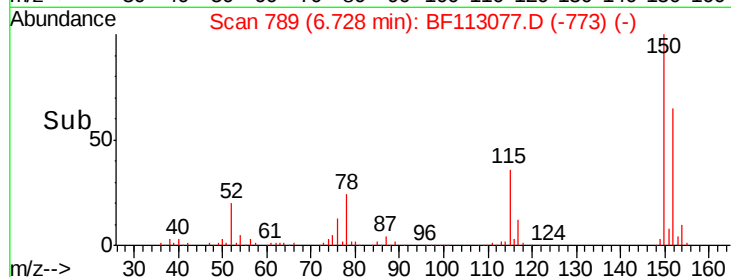
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 789
Delta R.T. -0.01 min
Lab File: BF113077.D
Acq: 15 Mar 2019 20:35

Instrument :
BNA_F
ClientSampleId :
RS-2S3(0.0-0.5)

Tgt Ion:152 Resp: 170026
Ion Ratio Lower Upper
152 100
150 153.7 124.2 186.2
115 55.6 48.2 72.4



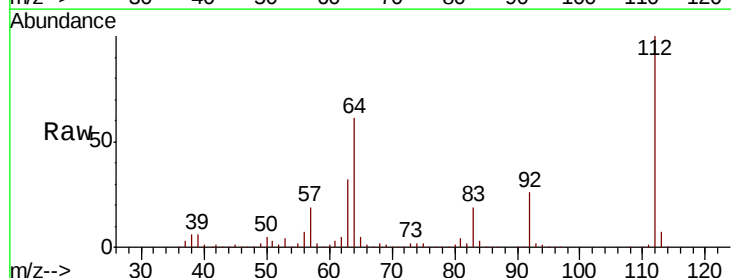
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



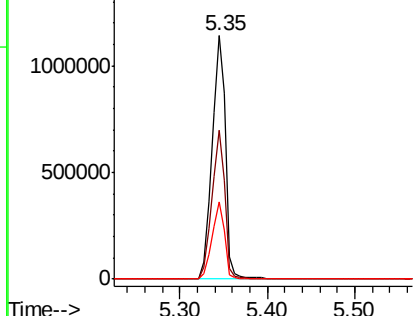
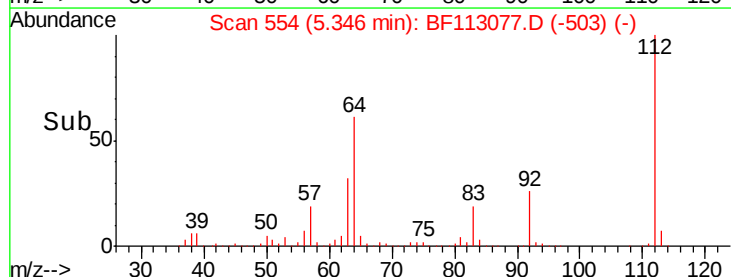
#5

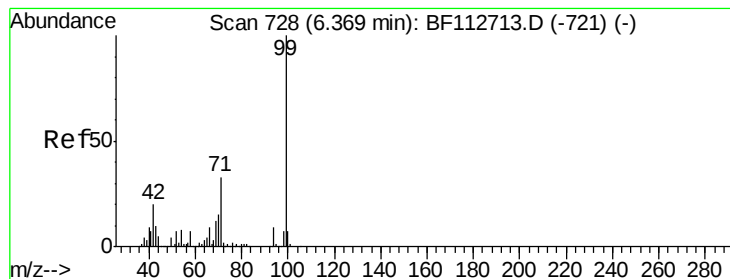
2-Fluorophenol
Concen: 111.148 ng
RT: 5.35 min Scan# 554
Delta R.T. 0.00 min
Lab File: BF113077.D
Acq: 15 Mar 2019 20:35

Tgt Ion:112 Resp: 1214887
Ion Ratio Lower Upper
112 100
64 61.0 47.6 71.4
63 31.5 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: 114.282 ng

RT: 6.37 min Scan# 729

Delta R.T. 0.00 min

Lab File: BF113077.D

Acq: 15 Mar 2019 20:35

Instrument :

BNA_F

ClientSampleId :

RS-2S3(0.0-0.5)

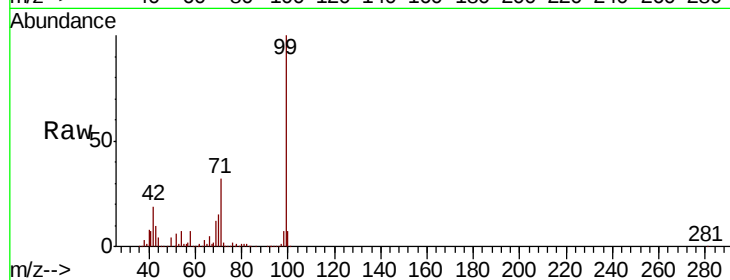
Tgt Ion: 99 Resp: 1569127

Ion Ratio Lower Upper

99 100

42 18.6 16.3 24.5

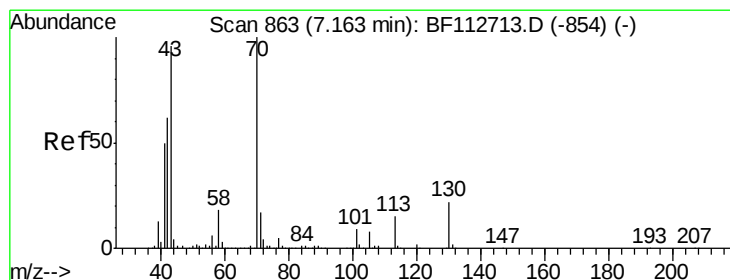
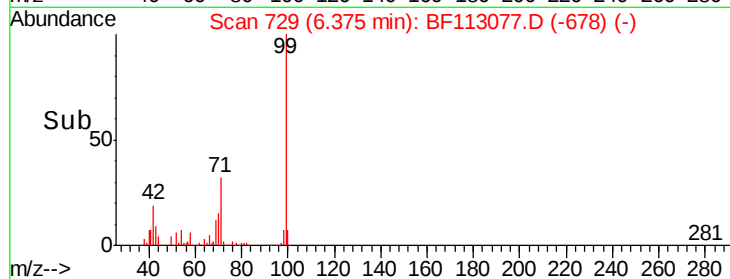
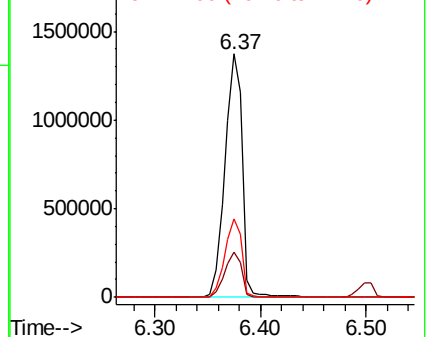
71 32.4 26.2 39.4



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



#19

n-Nitroso-di-n-propylamine

Concen: 14.563 ng

RT: 7.29 min Scan# 885

Delta R.T. 0.14 min

Lab File: BF113077.D

Acq: 15 Mar 2019 20:35

Tgt Ion: 70 Resp: 126639

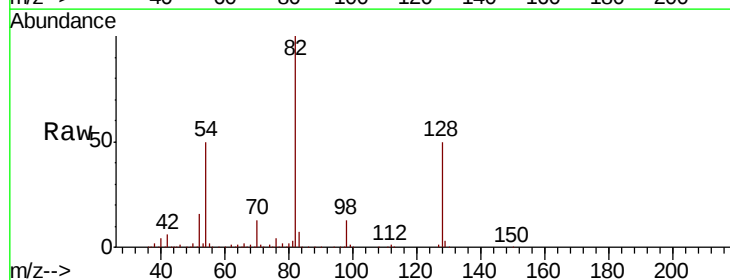
Ion Ratio Lower Upper

70 100

42 46.4 49.9 74.9#

101 0.0 7.4 11.2#

130 2.2 17.4 26.2#

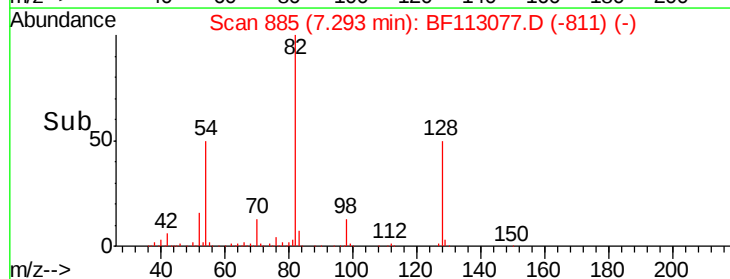
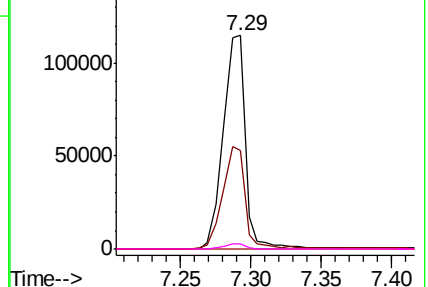


Abundance Ion 70.00 (69.70 to 70.70): BF1

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

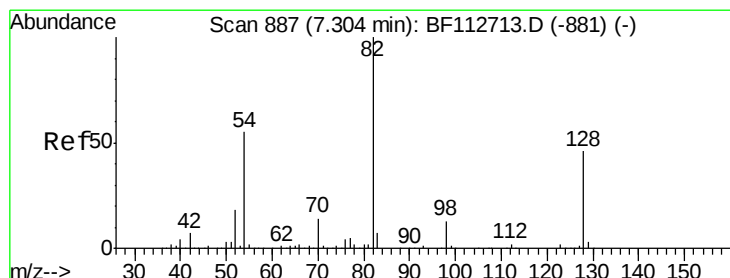
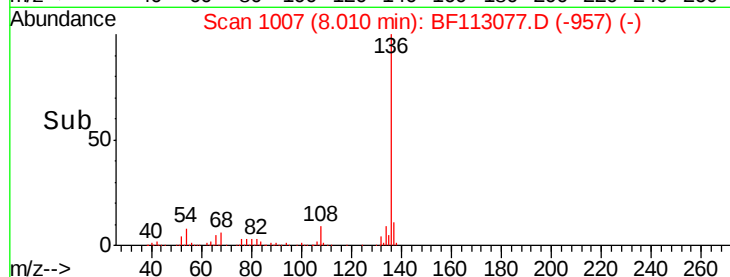
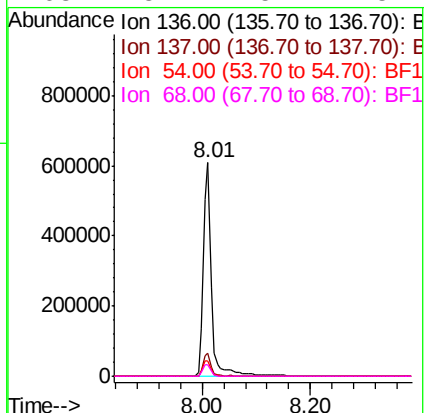
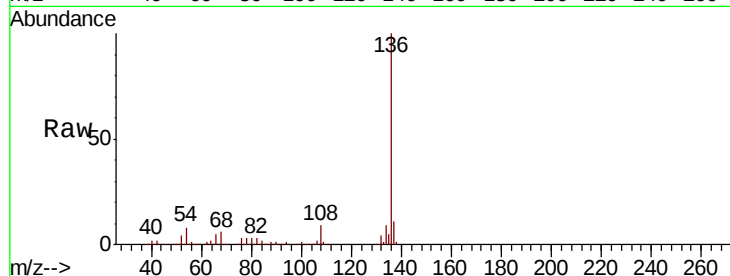




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.01 min Scan# 1007
Delta R.T. -0.01 min
Lab File: BF113077.D
Acq: 15 Mar 2019 20:35

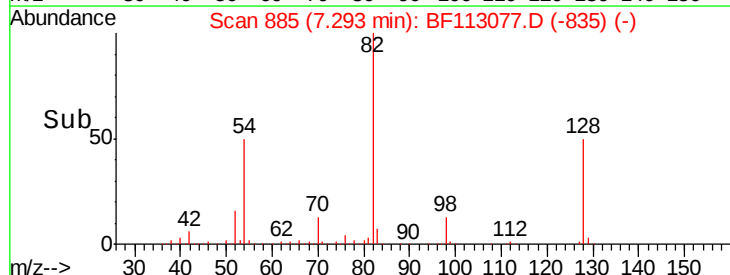
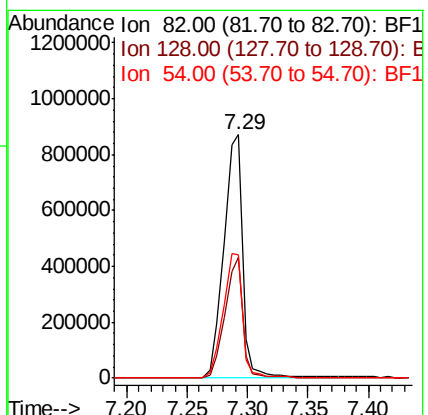
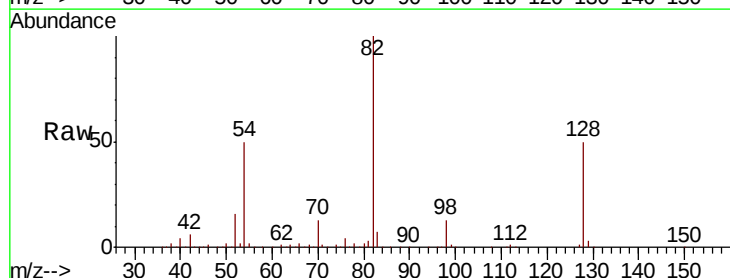
Instrument :
BNA_F
ClientSampleId :
RS-2S3(0.0-0.5)

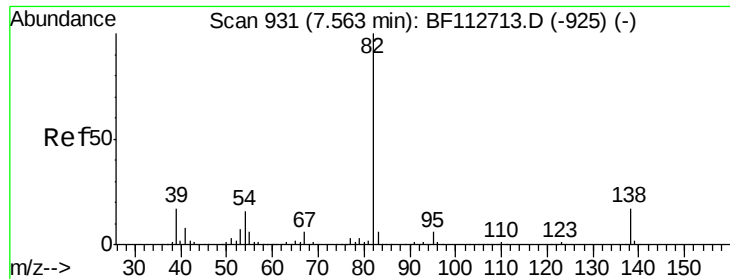
Tgt Ion:	136	Resp:	634640
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	7.5	7.3	10.9
68	5.7	5.4	8.2



#23
Nitrobenzene-d5
Concen: 90.049 ng
RT: 7.29 min Scan# 885
Delta R.T. -0.01 min
Lab File: BF113077.D
Acq: 15 Mar 2019 20:35

Tgt Ion:	82	Resp:	955056
Ion	Ratio	Lower	Upper
82	100		
128	49.6	36.3	54.5
54	50.4	43.7	65.5





#25

Isophorone

Concen: 41.390 ng

RT: 7.29 min Scan# 885

Delta R.T. -0.26 min

Lab File: BF113077.D

Acq: 15 Mar 2019 20:35

Instrument :

BNA_F

ClientSampleId :

RS-2S3(0.0-0.5)

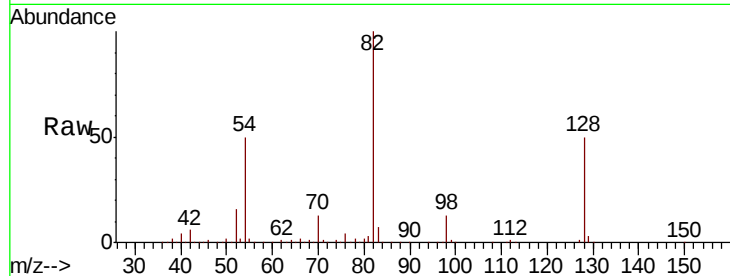
Tgt Ion: 82 Resp: 945719

Ion Ratio Lower Upper

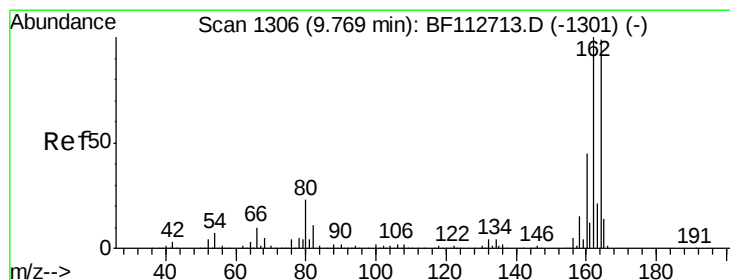
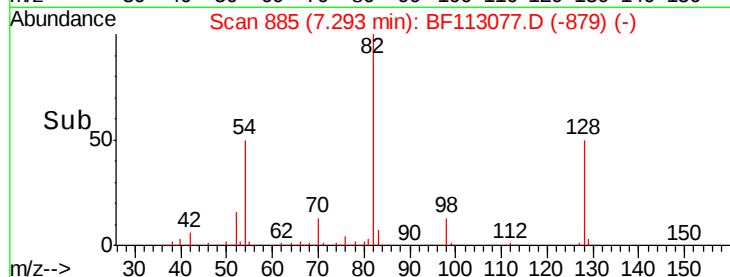
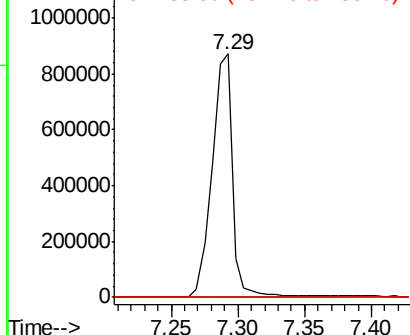
82 100

95 0.0 5.2 7.8#

138 0.0 13.8 20.8#



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: 9.76 min Scan# 1304

Delta R.T. -0.01 min

Lab File: BF113077.D

Acq: 15 Mar 2019 20:35

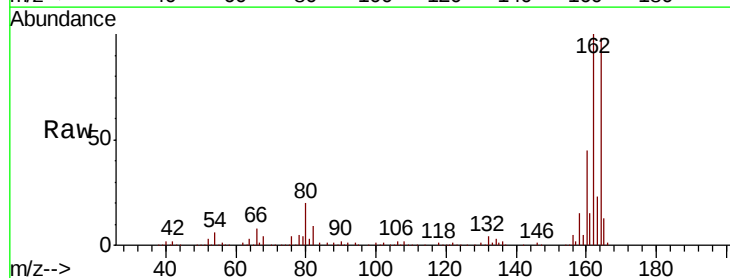
Tgt Ion: 164 Resp: 308234

Ion Ratio Lower Upper

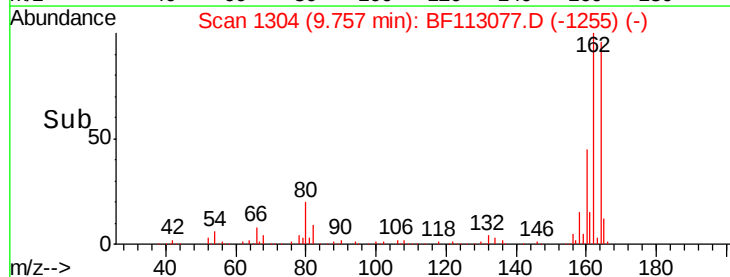
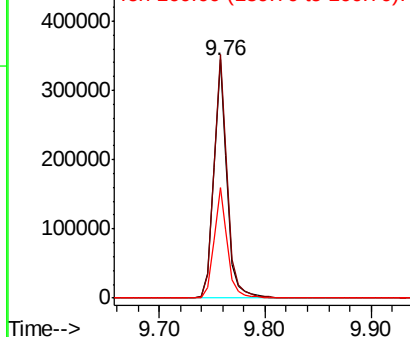
164 100

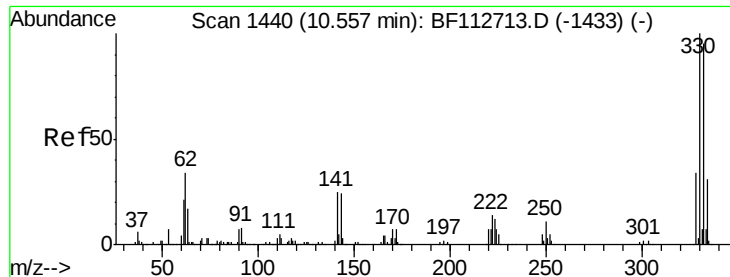
162 102.3 80.6 120.8

160 46.3 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

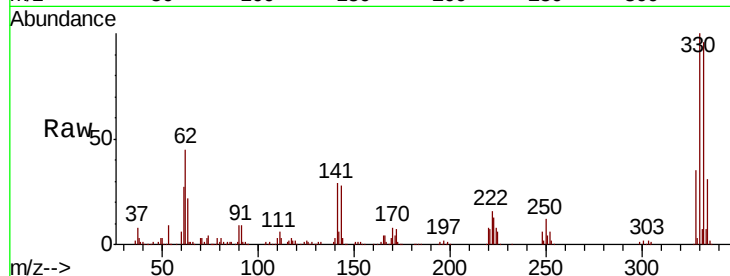




#42
 2,4,6-Tribromophenol
 Concen: 145.209 ng
 RT: 10.55 min Scan# 1438
 Delta R.T. -0.01 min
 Lab File: BF113077.D
 Acq: 15 Mar 2019 20:35

Instrument :
 BNA_F
 ClientSampleId :
 RS-2S3(0.0-0.5)

Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.0	76.2	114.4
141	28.4	27.0	40.6

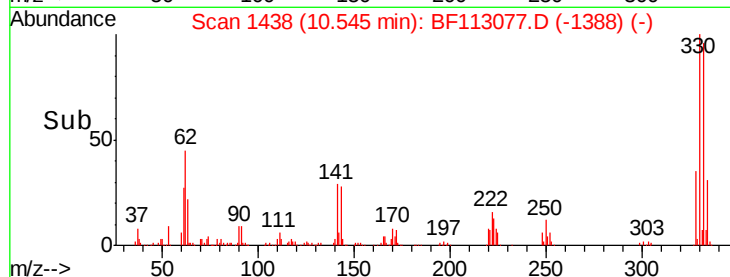
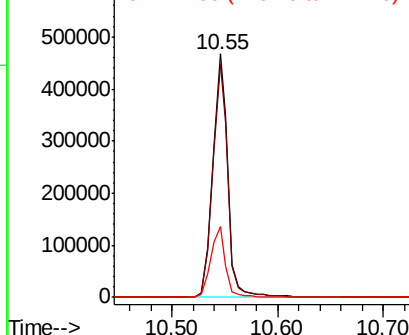


Abundance

Ion 329.80 (329.50 to 330.50): E

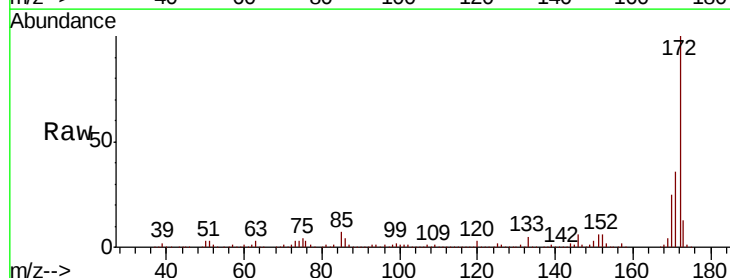
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 81.903 ng
 RT: 9.09 min Scan# 1190
 Delta R.T. -0.01 min
 Lab File: BF113077.D
 Acq: 15 Mar 2019 20:35

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.0	43.4
170	24.6	20.0	30.0

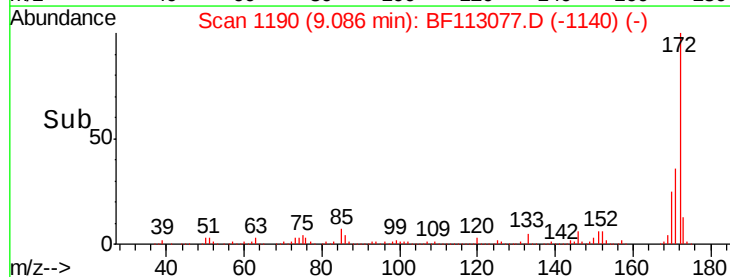
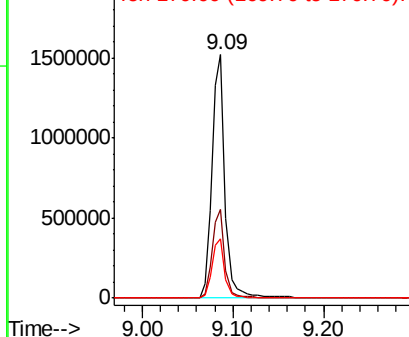


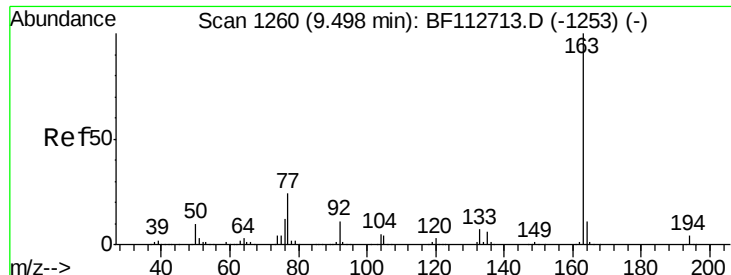
Abundance

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

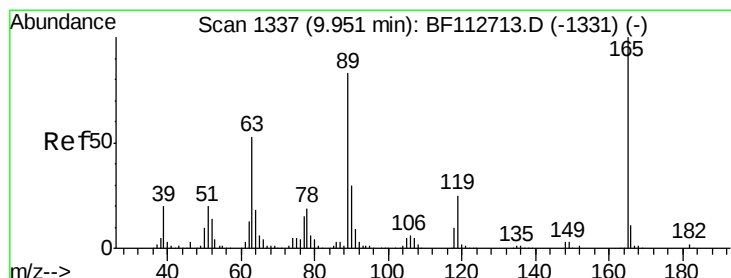
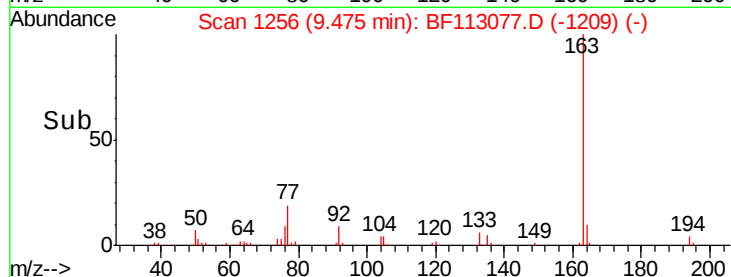
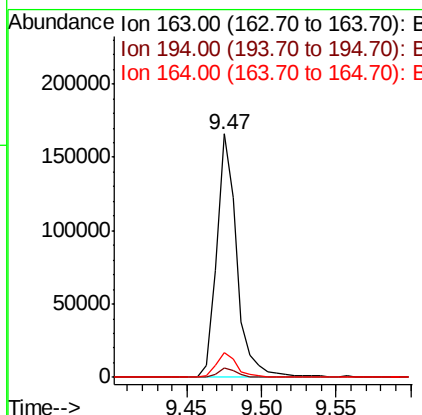
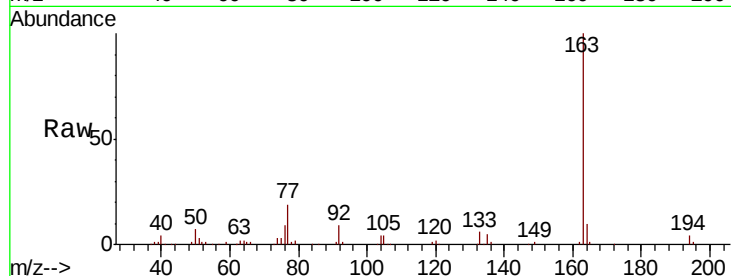




#50
Dimethylphthalate
Concen: 6.928 ng
RT: 9.47 min Scan# 1256
Delta R.T. -0.02 min
Lab File: BF113077.D
Acq: 15 Mar 2019 20:35

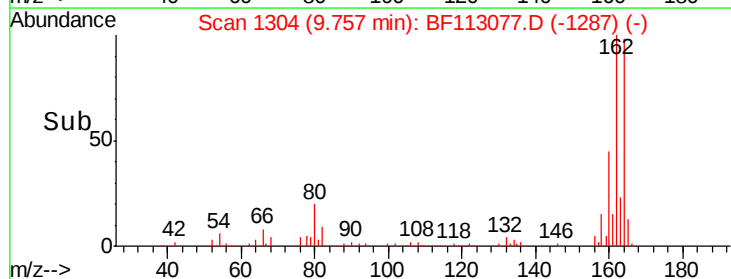
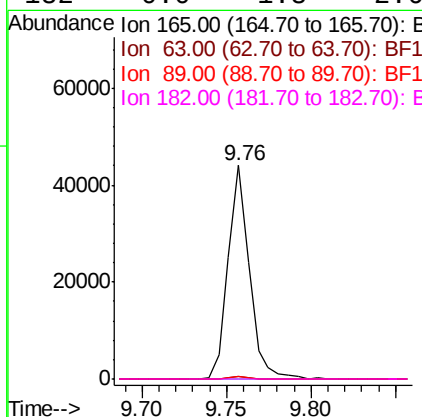
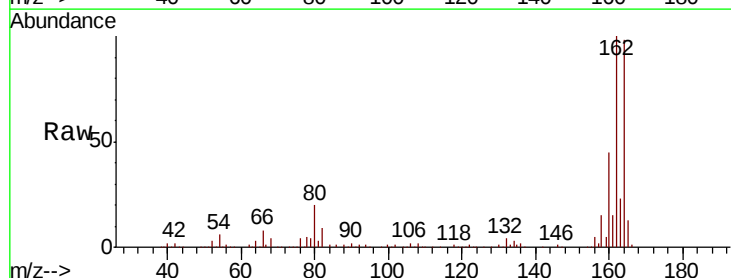
Instrument :
BNA_F
ClientSampleId :
RS-2S3(0.0-0.5)

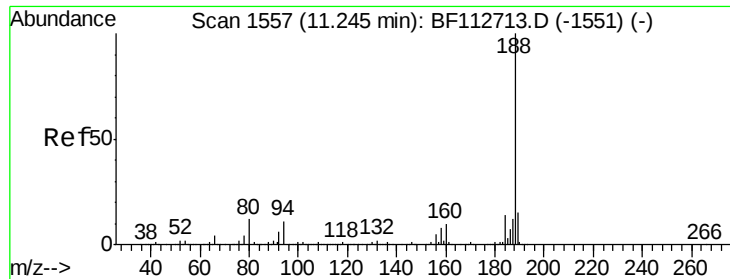
Tgt Ion:163 Resp: 157467
Ion Ratio Lower Upper
163 100
194 3.8 3.0 4.4
164 10.0 8.4 12.6



#57
2,4-Dinitrotoluene
Concen: 6.571 ng
RT: 9.76 min Scan# 1304
Delta R.T. -0.20 min
Lab File: BF113077.D
Acq: 15 Mar 2019 20:35

Tgt Ion:165 Resp: 38658
Ion Ratio Lower Upper
165 100
63 0.9 42.2 63.2#
89 1.2 66.2 99.4#
182 0.0 1.8 2.6#

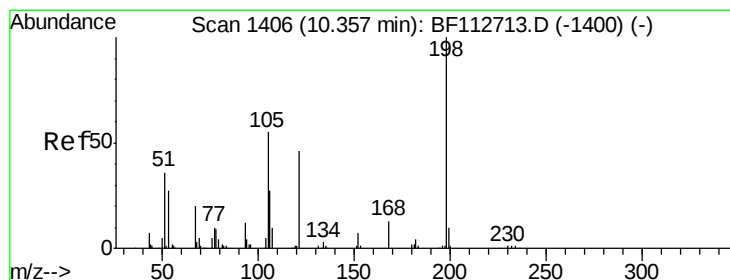
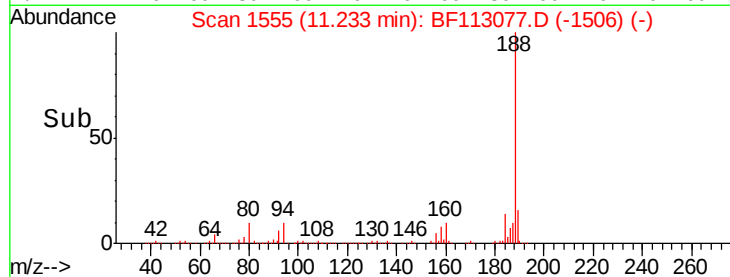
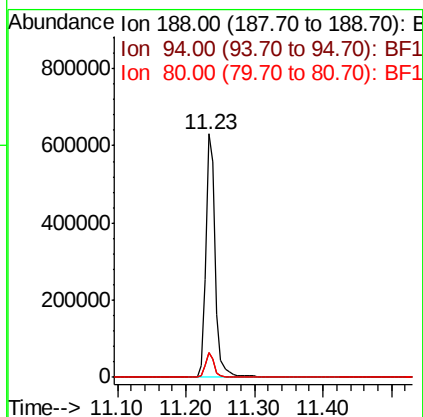
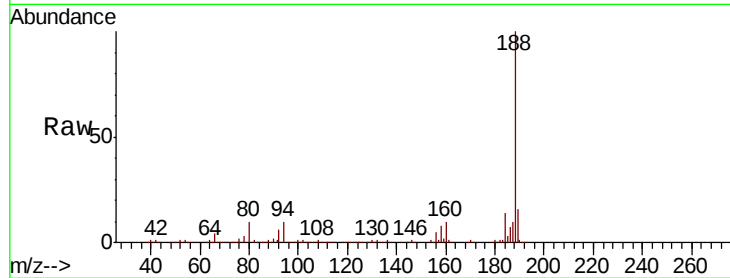




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.23 min Scan# 1555
Delta R.T. -0.01 min
Lab File: BF113077.D
Acq: 15 Mar 2019 20:35

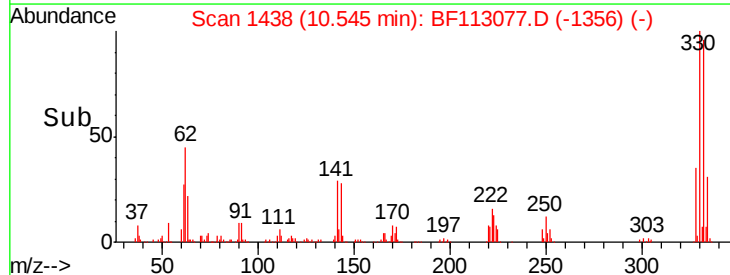
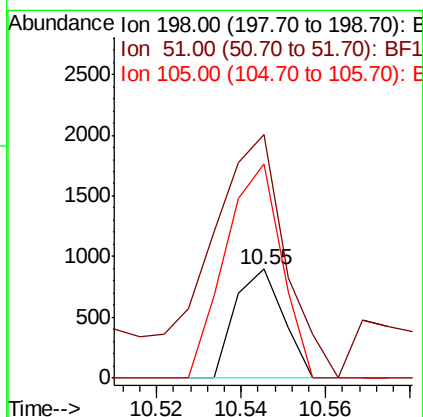
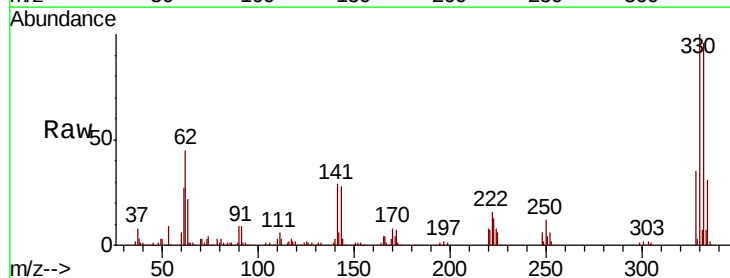
Instrument :
BNA_F
ClientSampleId :
RS-2S3(0.0-0.5)

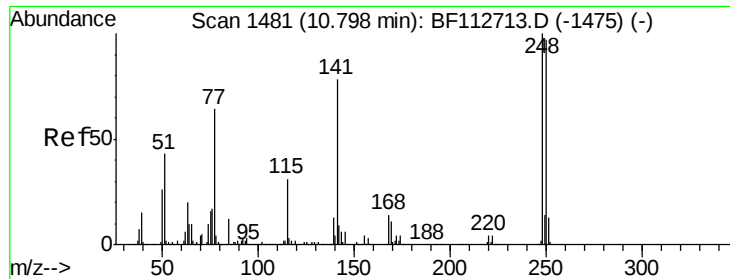
Tgt Ion:188 Resp: 623972
Ion Ratio Lower Upper
188 100
94 10.0 9.0 13.4
80 10.4 9.2 13.8



#65
4,6-Dinitro-2-methylphenol
Concen: 4.862 ng
RT: 10.55 min Scan# 1438
Delta R.T. 0.18 min
Lab File: BF113077.D
Acq: 15 Mar 2019 20:35

Tgt Ion:198 Resp: 706
Ion Ratio Lower Upper
198 100
51 224.2 43.8 83.8#
105 197.8 36.5 76.5#

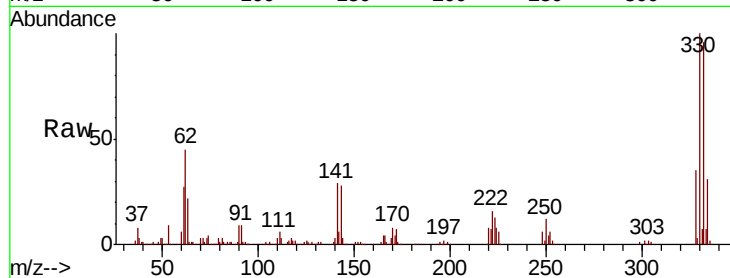




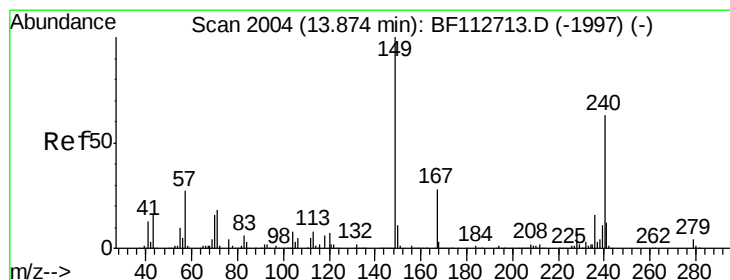
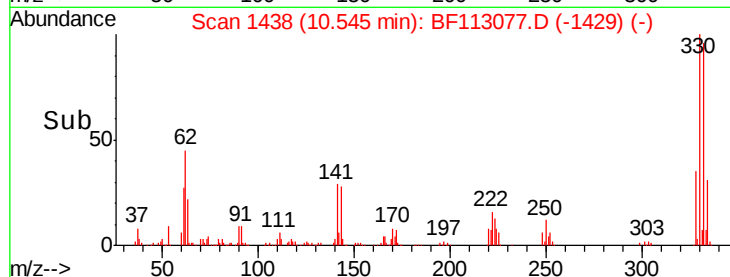
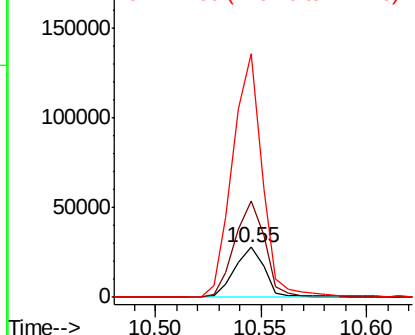
#67
 4-Bromophenyl-phenylether
 Concen: 4.168 ng
 RT: 10.55 min Scan# 1438
 Delta R.T. -0.25 min
 Lab File: BF113077.D
 Acq: 15 Mar 2019 20:35

Instrument :
 BNA_F
 ClientSampleId :
 RS-2S3(0.0-0.5)

Tgt Ion:248 Resp: 27396
 Ion Ratio Lower Upper
 248 100
 250 193.4 77.5 116.3#
 141 485.5 62.4 93.6#

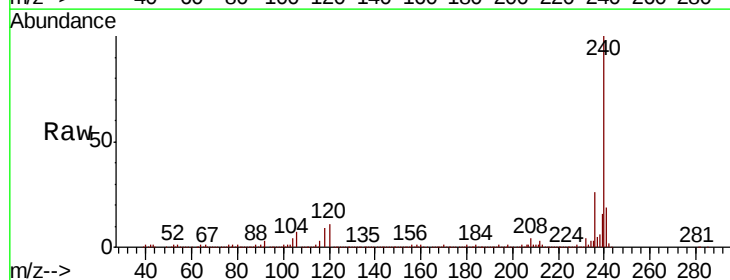


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

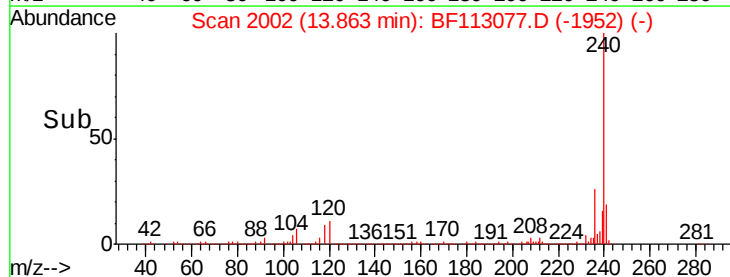
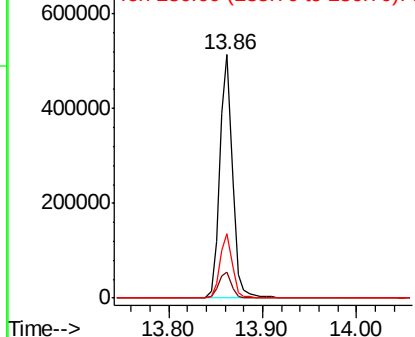


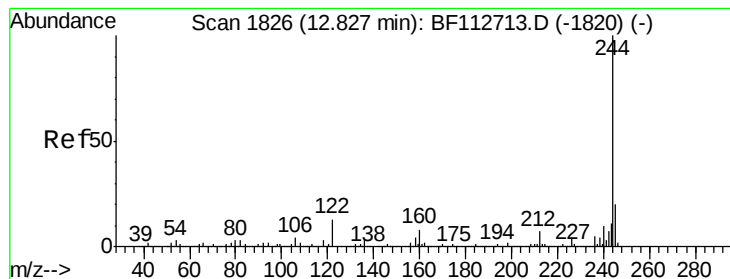
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.86 min Scan# 2002
 Delta R.T. -0.01 min
 Lab File: BF113077.D
 Acq: 15 Mar 2019 20:35

Tgt Ion:240 Resp: 486657
 Ion Ratio Lower Upper
 240 100
 120 10.6 8.9 13.3
 236 26.4 20.7 31.1



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: 60.760 ng

RT: 12.82 min Scan# 1824

Delta R.T. -0.01 min

Lab File: BF113077.D

Acq: 15 Mar 2019 20:35

Instrument :

BNA_F

ClientSampleId :

RS-2S3(0.0-0.5)

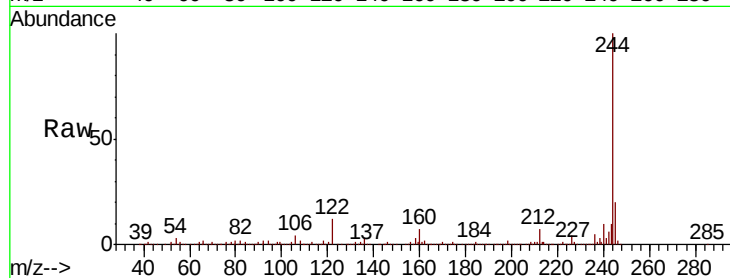
Tgt Ion:244 Resp: 1525361

Ion Ratio Lower Upper

244 100

212 7.0 5.6 8.4

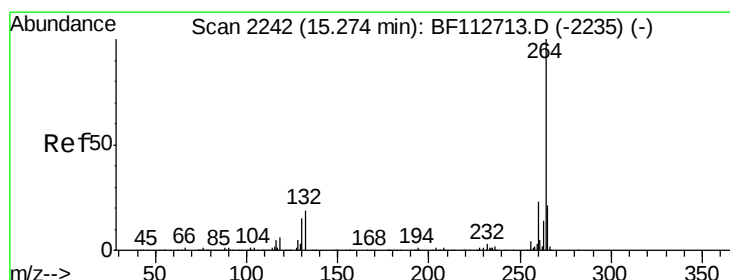
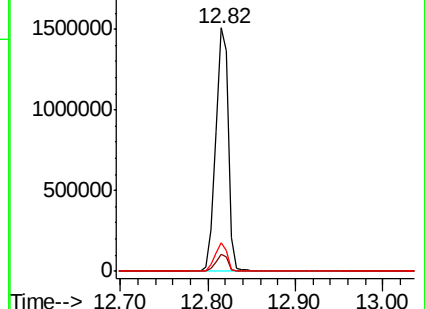
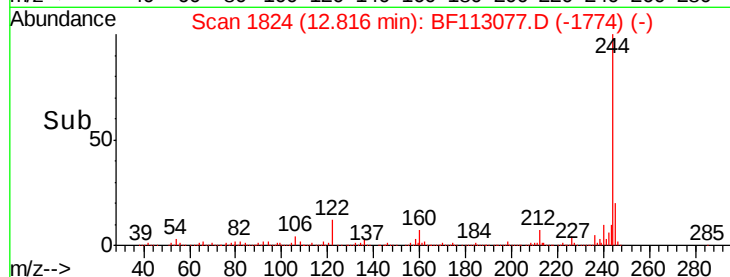
122 11.7 10.5 15.7



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: BF113077.D

Acq: 15 Mar 2019 20:35

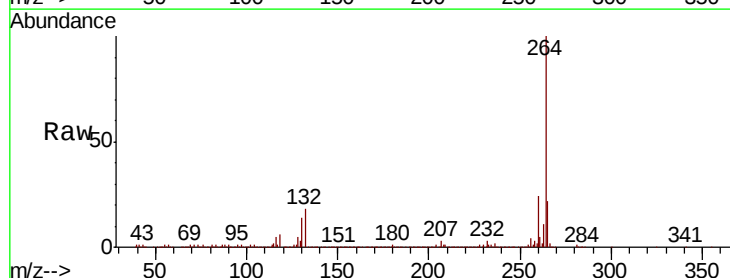
Tgt Ion:264 Resp: 498317

Ion Ratio Lower Upper

264 100

260 23.7 18.7 28.1

265 21.8 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

