

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF040219\
 Data File : BF113510.D
 Acq On : 2 Apr 2019 17:21
 Operator : JU/SJ
 Sample : K2050-05
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CS-1

Quant Time: Apr 03 01:01:38 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF032519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 26 03:32:08 2019
 Response via : Initial Calibration

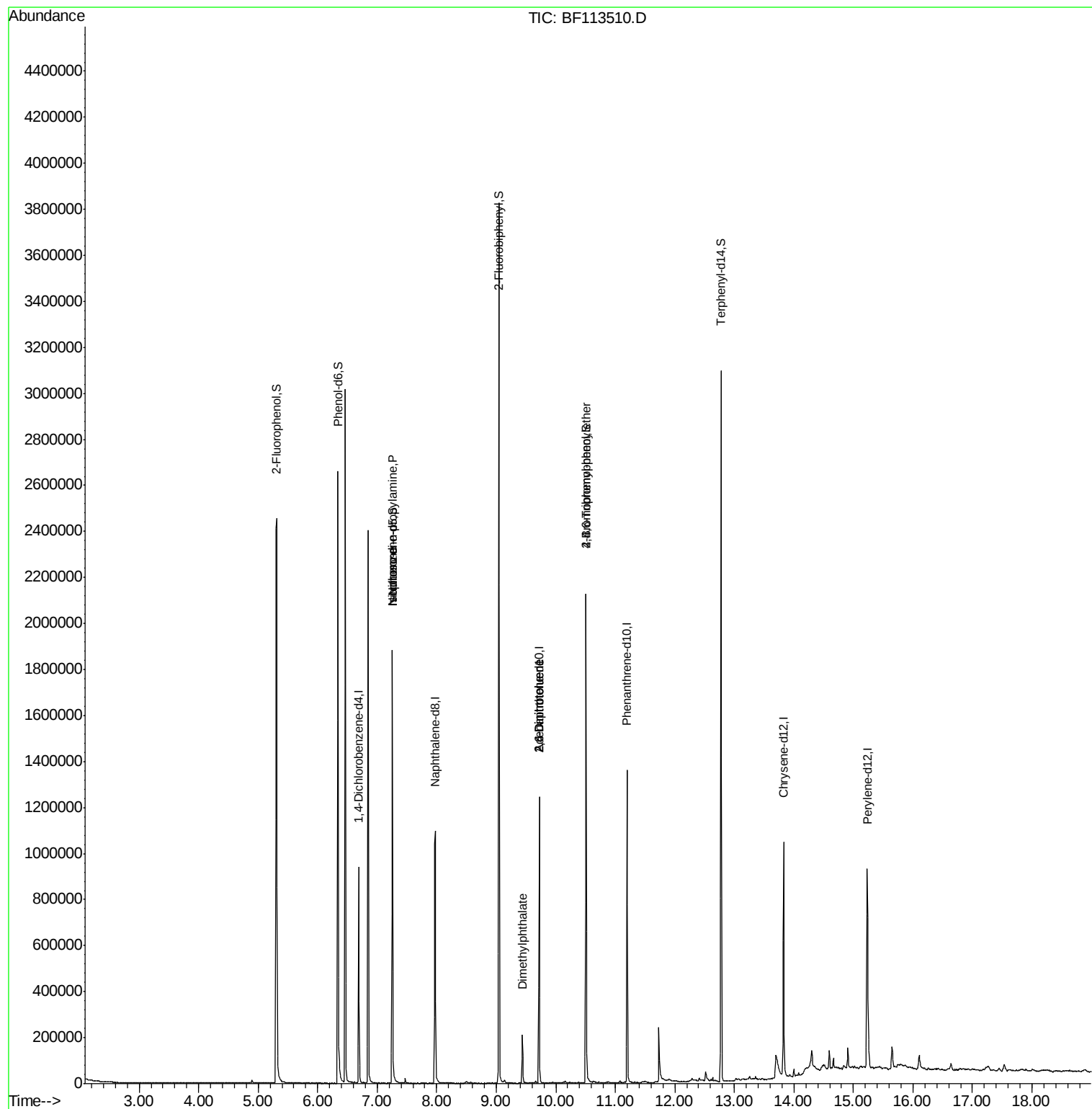
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.69	152	146733	20.00	ng	-0.01
21) Naphthalene-d8	7.97	136	549764	20.00	ng	-0.01
39) Acenaphthene-d10	9.72	164	264747	20.00	ng	-0.02
64) Phenanthrene-d10	11.20	188	498218	20.00	ng	-0.02
76) Chrysene-d12	13.83	240	347838	20.00	ng	-0.02
87) Perylene-d12	15.23	264	396690	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.31	112	821045	91.49	ng	0.00
7) Phenol-d6	6.34	99	1070051	94.26	ng	-0.02
23) Nitrobenzene-d5	7.26	82	632082	68.24	ng	-0.01
42) 2,4,6-Tribromophenol	10.51	330	305146	93.31	ng	-0.02
45) 2-Fluorobiphenyl	9.05	172	1149532	63.62	ng	-0.02
79) Terphenyl-d14	12.78	244	1066141	67.56	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.26	70	81435	11.420	ng	# 75
25) Isophorone	7.26	82	622514	34.680	ng	# 64
50) Dimethylphthalate	9.44	163	85317	4.348	ng	100
51) 2,6-Dinitrotoluene	9.72	165	33536	7.577	ng	# 26
57) 2,4-Dinitrotoluene	9.72	165	33536	5.958	ng	# 23
67) 4-Bromophenyl-phenylether	10.51	248	17080	3.145	ng	# 1

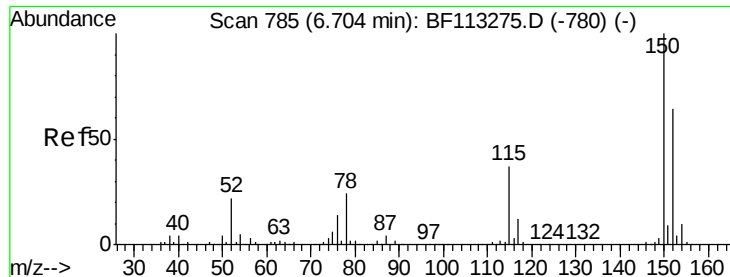
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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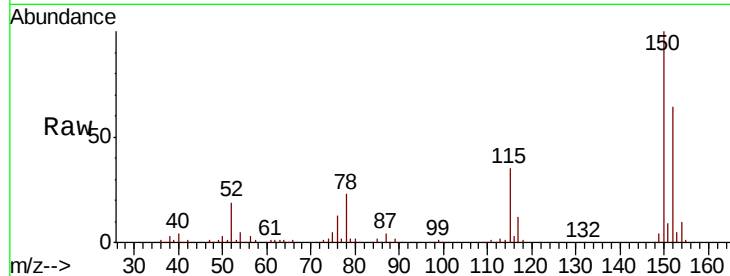


#1

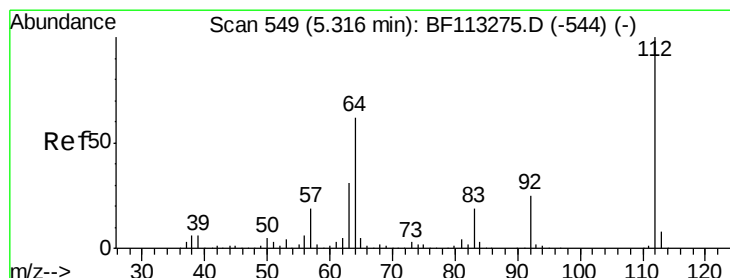
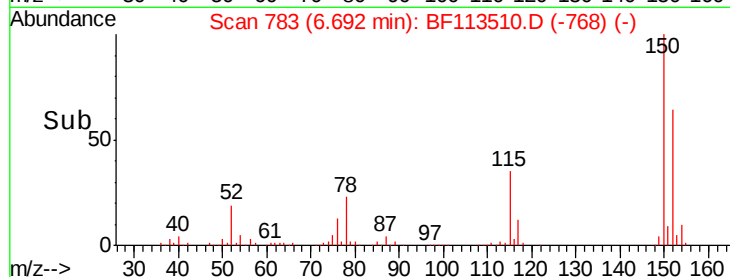
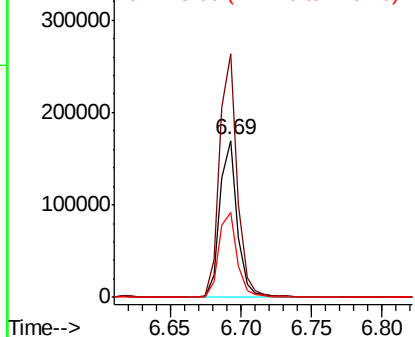
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.69 min Scan# 783
Delta R.T. -0.01 min
Lab File: BF113510.D
Acq: 2 Apr 2019 17:21

Instrument :
BNA_F
ClientSampleId :
CS-1

Tgt Ion:152 Resp: 146733
Ion Ratio Lower Upper
152 100
150 155.2 124.7 187.1
115 54.4 46.0 69.0



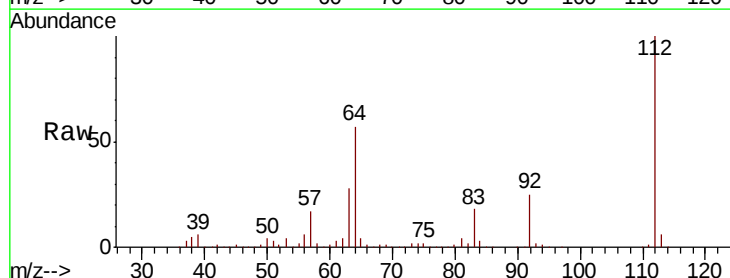
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



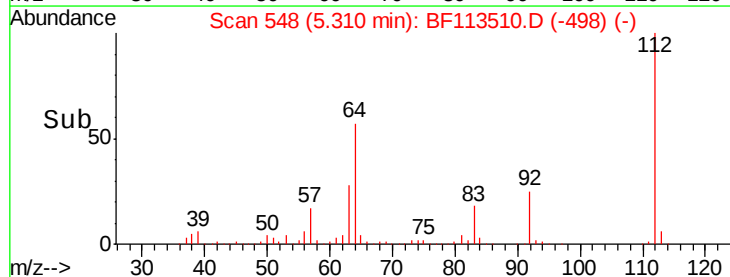
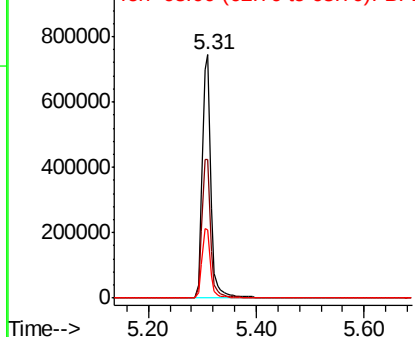
#5

2-Fluorophenol
Concen: 91.493 ng
RT: 5.31 min Scan# 548
Delta R.T. -0.01 min
Lab File: BF113510.D
Acq: 2 Apr 2019 17:21

Tgt Ion:112 Resp: 821045
Ion Ratio Lower Upper
112 100
64 56.8 49.2 73.8
63 28.2 24.9 37.3



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: 94.258 ng

RT: 6.34 min Scan# 723

Delta R.T. -0.02 min

Lab File: BF113510.D

Acq: 2 Apr 2019 17:21

Instrument :

BNA_F

ClientSampleId :

CS-1

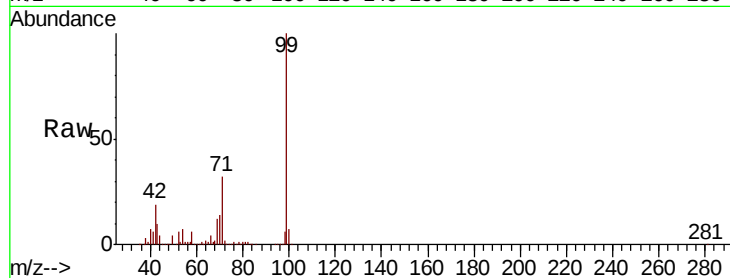
Tgt Ion: 99 Resp: 1070051

Ion Ratio Lower Upper

99 100

42 18.7 14.8 22.2

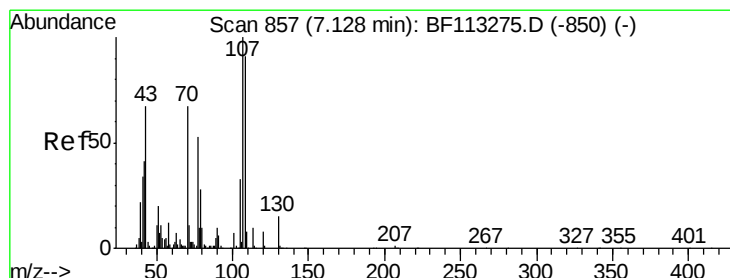
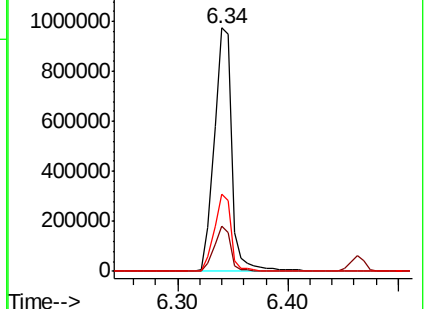
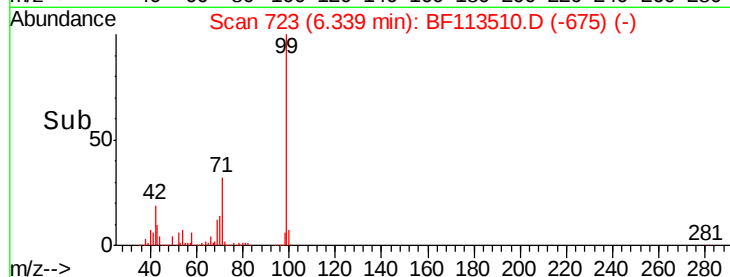
71 31.8 24.9 37.3



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: 11.420 ng

RT: 7.26 min Scan# 879

Delta R.T. 0.13 min

Lab File: BF113510.D

Acq: 2 Apr 2019 17:21

Tgt Ion: 70 Resp: 81435

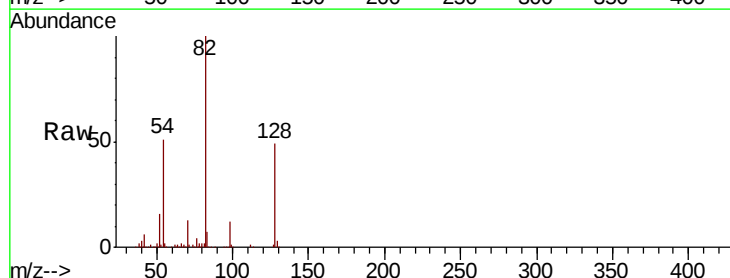
Ion Ratio Lower Upper

70 100

42 46.3 48.4 72.6#

101 0.0 7.8 11.8#

130 2.5 18.2 27.4#

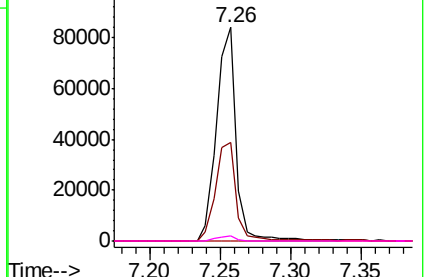
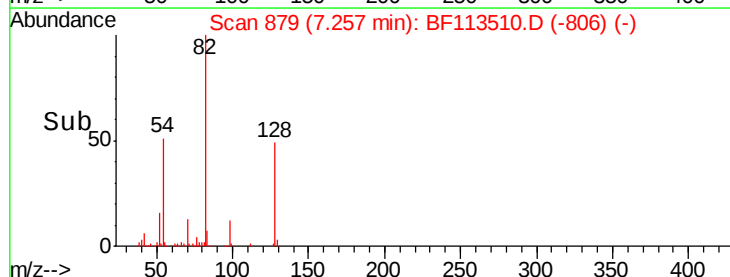


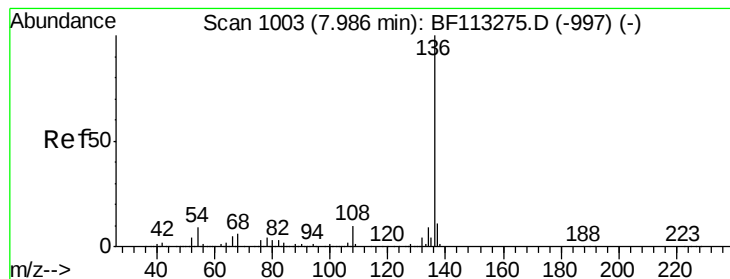
Abundance Ion 70.00 (69.70 to 70.70): BF1

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: 7.97 min Scan# 1001

Delta R.T. -0.01 min

Lab File: BF113510.D

Acq: 2 Apr 2019 17:21

Instrument :

BNA_F

ClientSampleId :

CS-1

Tgt Ion:136 Resp: 549764

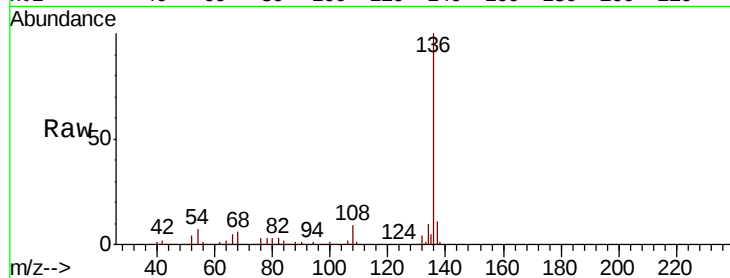
Ion Ratio Lower Upper

136 100

137 10.9 8.9 13.3

54 7.3 7.0 10.6

68 5.7 4.8 7.2

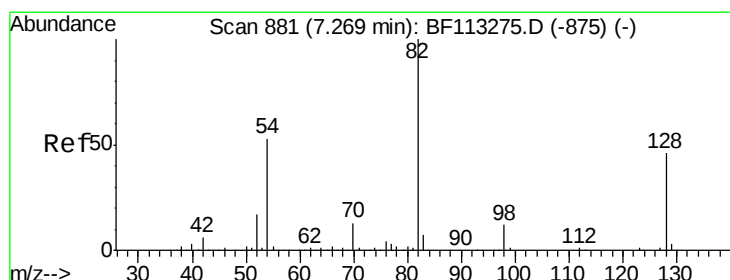
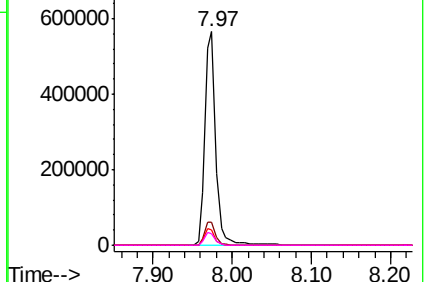
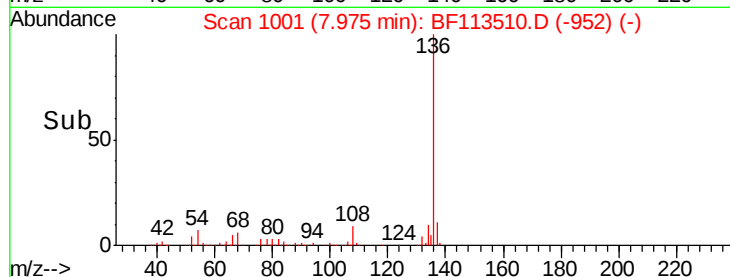


Abundance Ion 136.00 (135.70 to 136.70): E

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



#23

Nitrobenzene-d5

Concen: 68.241 ng

RT: 7.26 min Scan# 879

Delta R.T. -0.01 min

Lab File: BF113510.D

Acq: 2 Apr 2019 17:21

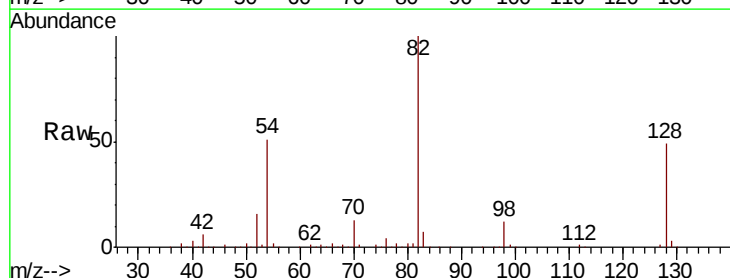
Tgt Ion: 82 Resp: 632082

Ion Ratio Lower Upper

82 100

128 48.7 36.5 54.7

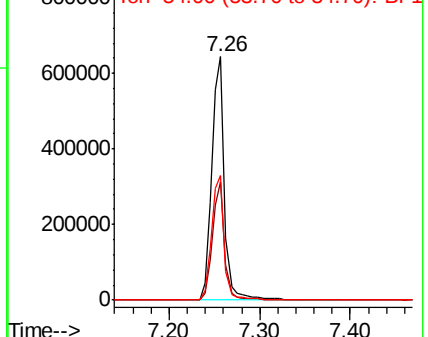
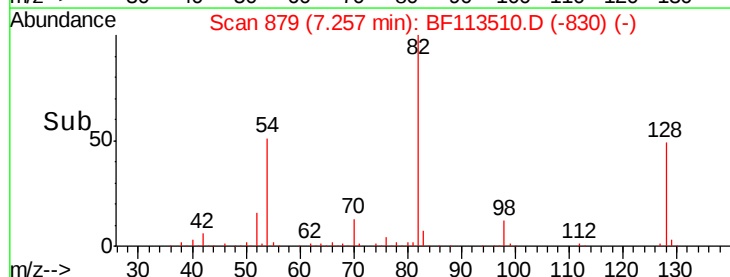
54 51.2 42.2 63.2

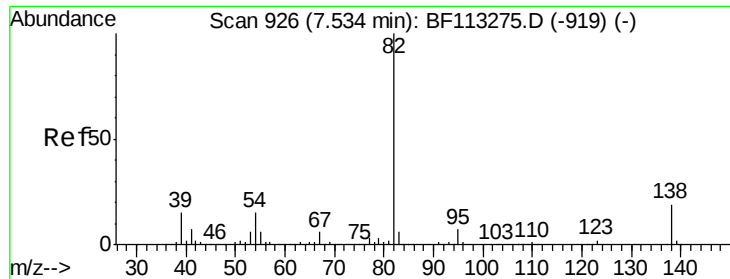


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 34.680 ng

RT: 7.26 min Scan# 879

Delta R.T. -0.28 min

Lab File: BF113510.D

Acq: 2 Apr 2019 17:21

Instrument :

BNA_F

ClientSampleId :

CS-1

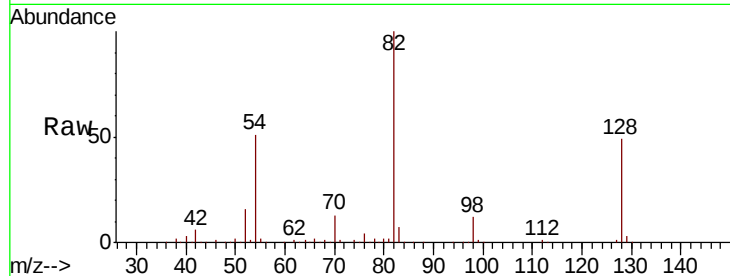
Tgt Ion: 82 Resp: 622514

Ion Ratio Lower Upper

82 100

95 0.0 5.5 8.3#

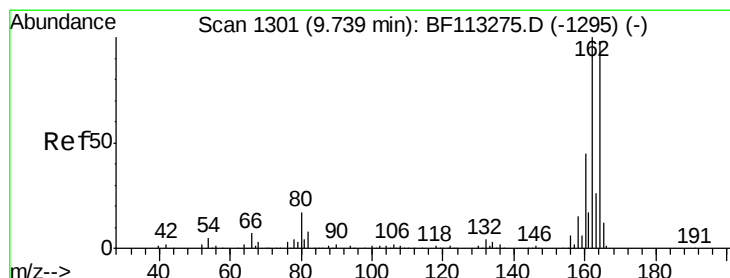
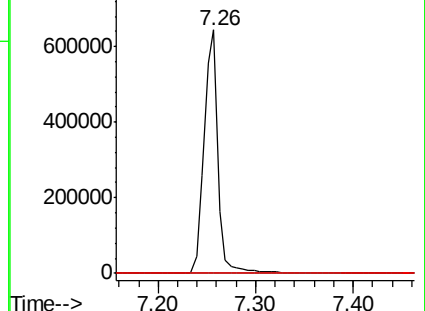
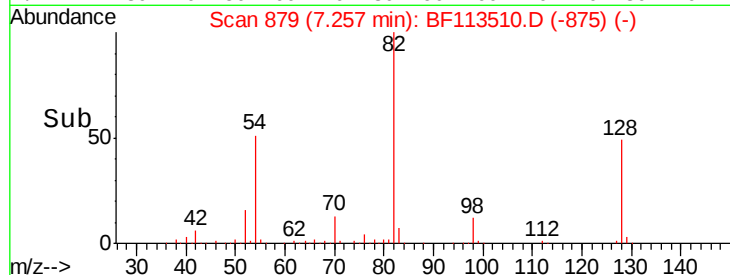
138 0.0 15.2 22.8#



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: 9.72 min Scan# 1297

Delta R.T. -0.02 min

Lab File: BF113510.D

Acq: 2 Apr 2019 17:21

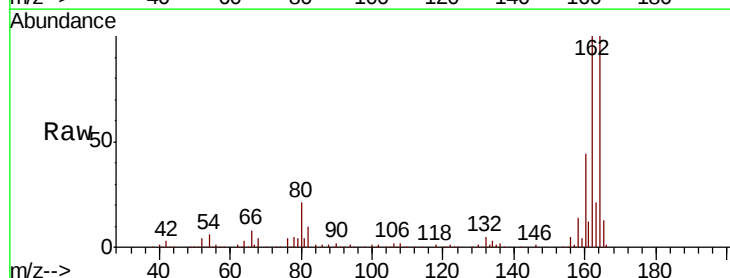
Tgt Ion: 164 Resp: 264747

Ion Ratio Lower Upper

164 100

162 99.8 81.8 122.6

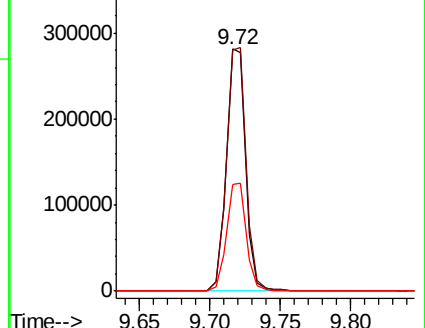
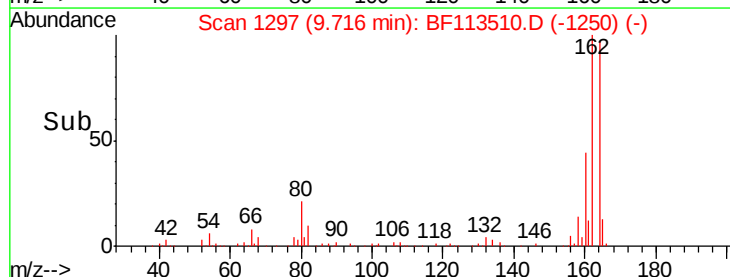
160 43.9 36.4 54.6

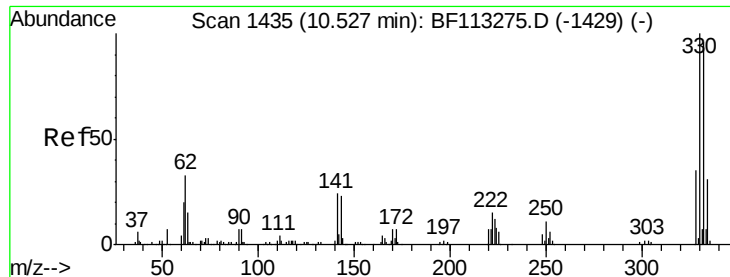


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

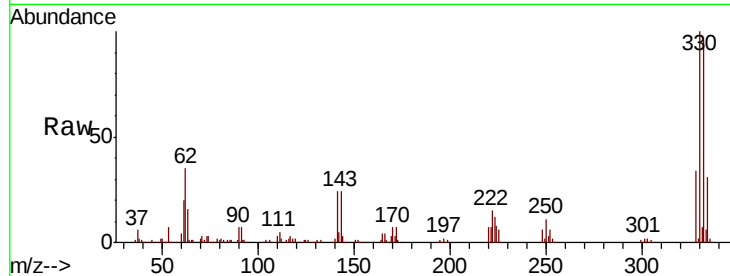




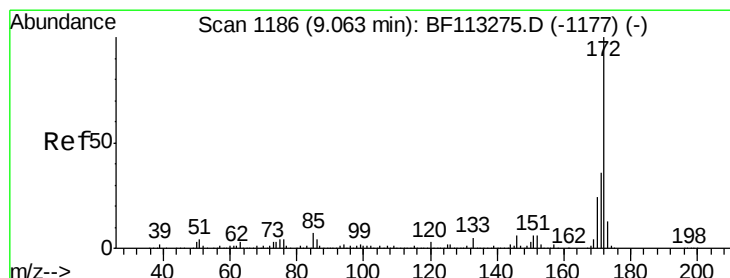
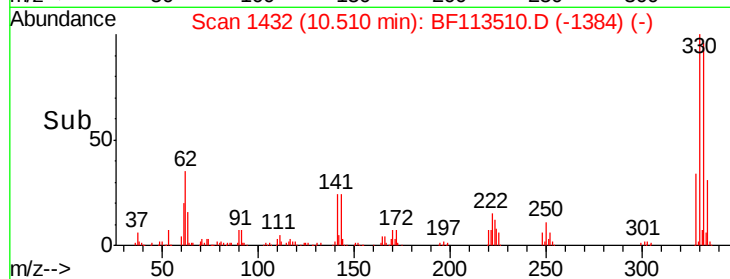
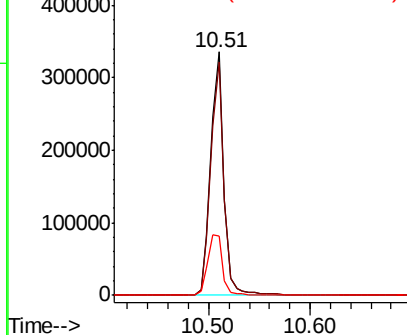
#42
 2,4,6-Tribromophenol
 Concen: 93.310 ng
 RT: 10.51 min Scan# 1432
 Delta R.T. -0.02 min
 Lab File: BF113510.D
 Acq: 2 Apr 2019 17:21

Instrument :
 BNA_F
 ClientSampleId :
 CS-1

Tgt Ion:330 Resp: 305146
 Ion Ratio Lower Upper
 330 100
 332 96.6 77.8 116.6
 141 27.8 22.7 34.1

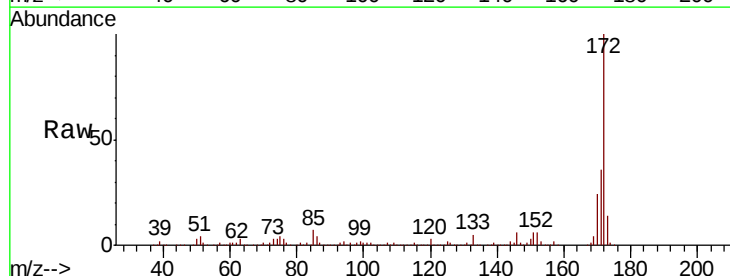


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

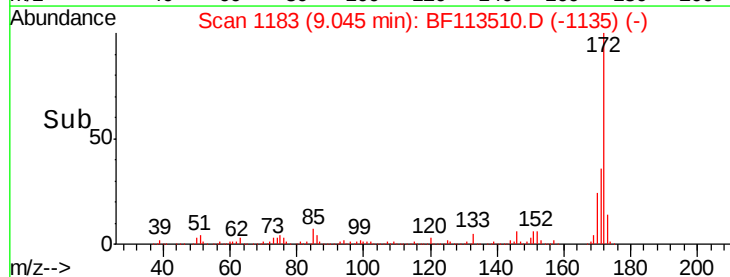
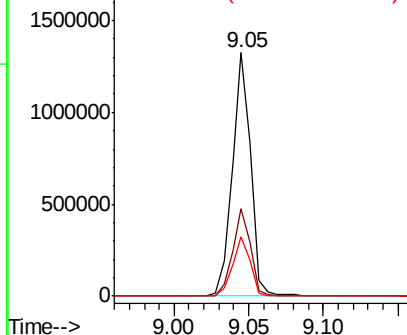


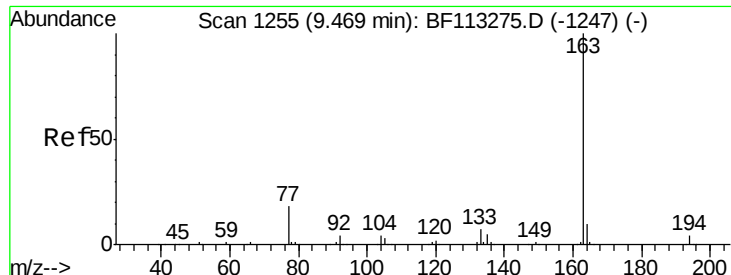
#45
 2-Fluorobiphenyl
 Concen: 63.618 ng
 RT: 9.05 min Scan# 1183
 Delta R.T. -0.02 min
 Lab File: BF113510.D
 Acq: 2 Apr 2019 17:21

Tgt Ion:172 Resp: 1149532
 Ion Ratio Lower Upper
 172 100
 171 35.7 29.0 43.6
 170 24.3 19.5 29.3



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

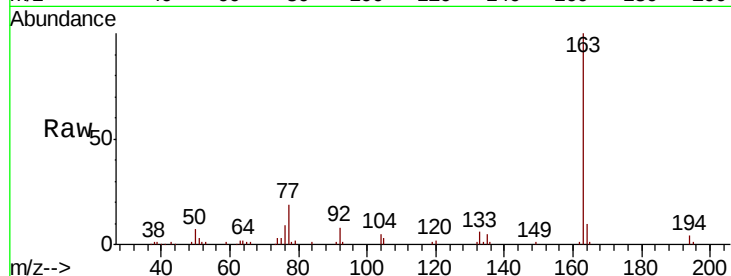




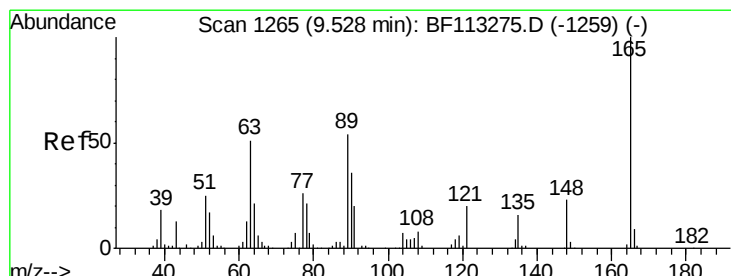
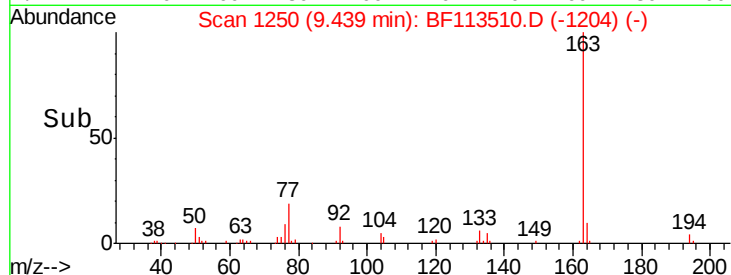
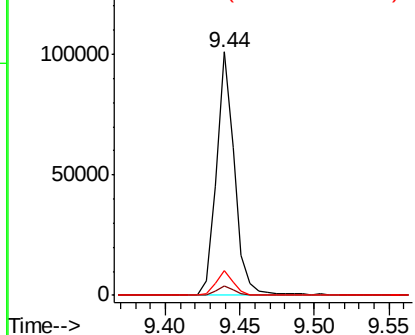
#50
Dimethylphthalate
Concen: 4.348 ng
RT: 9.44 min Scan# 1250
Delta R.T. -0.03 min
Lab File: BF113510.D
Acq: 2 Apr 2019 17:21

Instrument :
BNA_F
ClientSampled :
CS-1

Tgt Ion:163 Resp: 85317
Ion Ratio Lower Upper
163 100
194 3.9 3.0 4.6
164 10.2 8.1 12.1

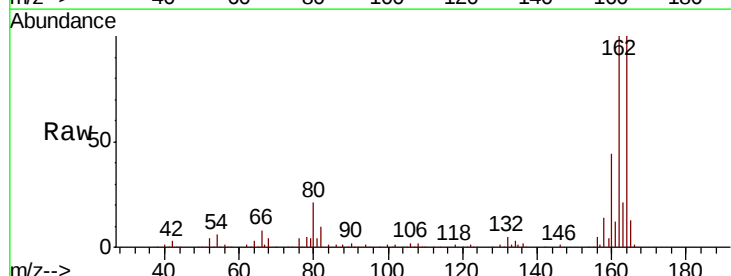


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

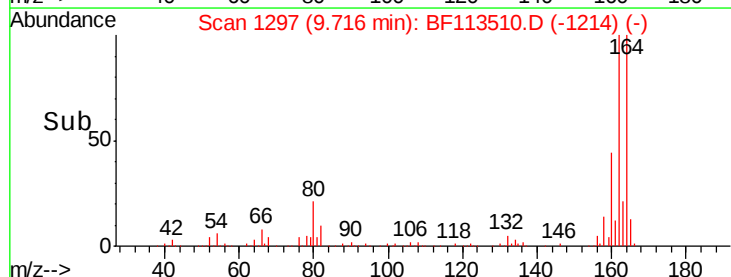
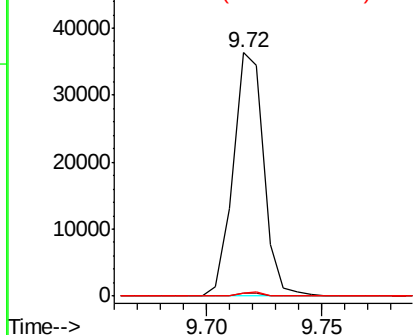


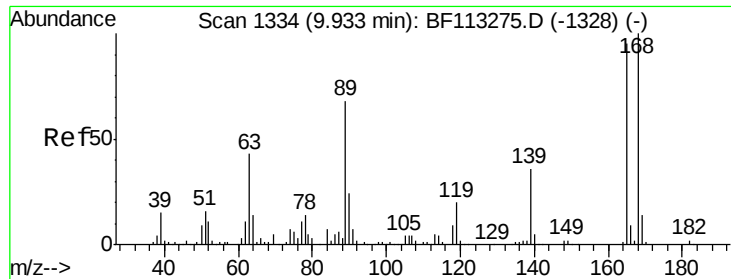
#51
2,6-Dinitrotoluene
Concen: 7.577 ng
RT: 9.72 min Scan# 1297
Delta R.T. 0.19 min
Lab File: BF113510.D
Acq: 2 Apr 2019 17:21

Tgt Ion:165 Resp: 33536
Ion Ratio Lower Upper
165 100
63 1.0 43.4 65.0#
89 1.0 43.1 64.7#



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

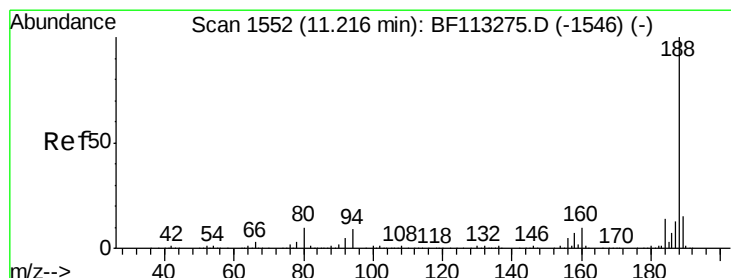
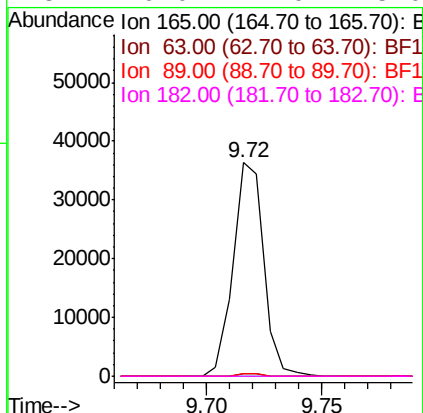
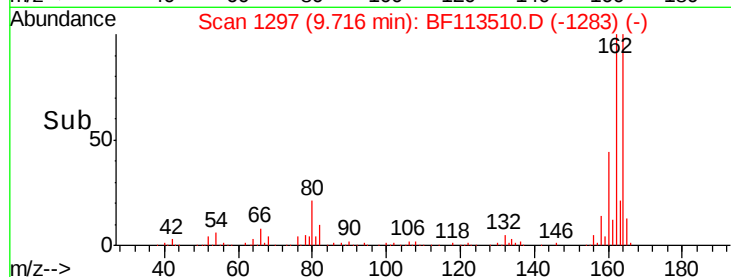
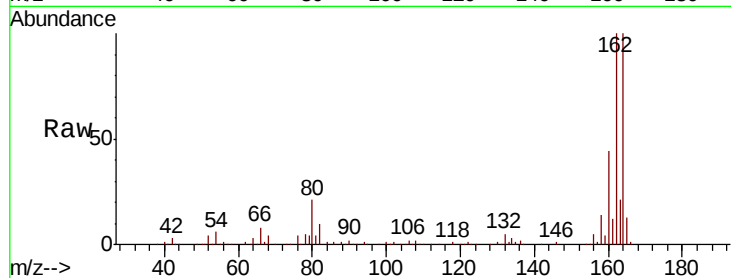




#57
 2,4-Dinitrotoluene
 Concen: 5.958 ng
 RT: 9.72 min Scan# 1297
 Delta R.T. -0.22 min
 Lab File: BF113510.D
 Acq: 2 Apr 2019 17:21

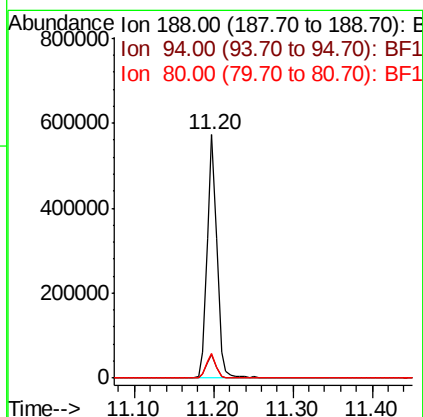
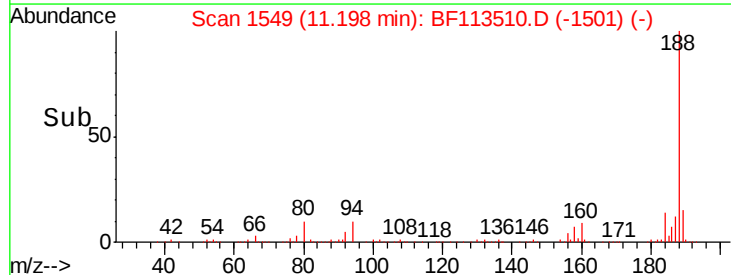
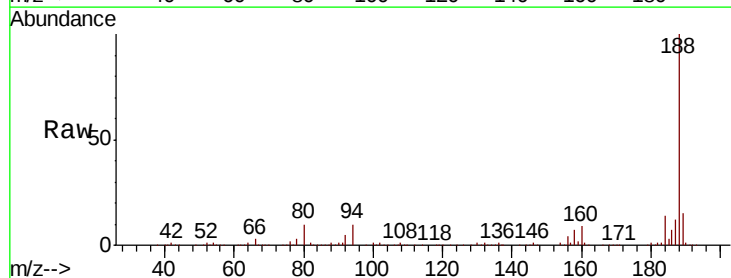
Instrument :
 BNA_F
 ClientSampled :
 CS-1

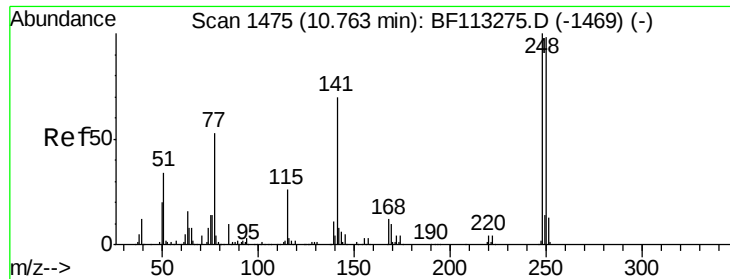
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.0	37.5	56.3#
89	1.0	57.4	86.2#
182	0.0	2.0	3.0#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.20 min Scan# 1549
 Delta R.T. -0.02 min
 Lab File: BF113510.D
 Acq: 2 Apr 2019 17:21

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.7	7.0	10.6
80	10.3	7.7	11.5

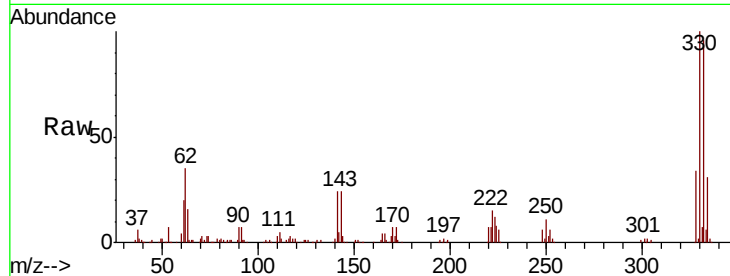




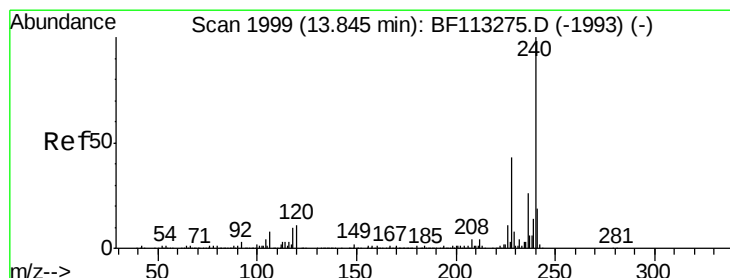
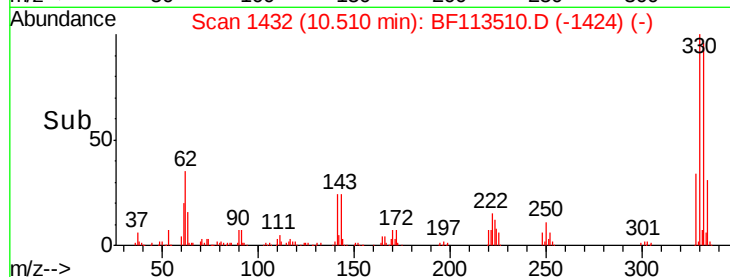
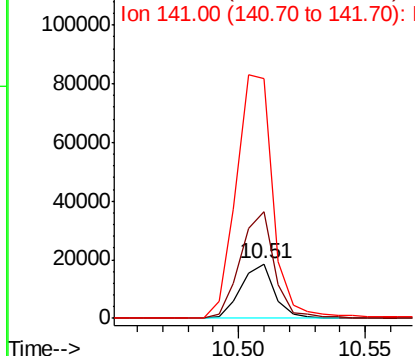
#67
 4-Bromophenyl-phenylether
 Concen: 3.145 ng
 RT: 10.51 min Scan# 1432
 Delta R.T. -0.25 min
 Lab File: BF113510.D
 Acq: 2 Apr 2019 17:21

Instrument :
 BNA_F
 ClientSampleID :
 CS-1

Tgt Ion:248 Resp: 17080
 Ion Ratio Lower Upper
 248 100
 250 196.6 78.3 117.5#
 141 441.1 56.2 84.4#

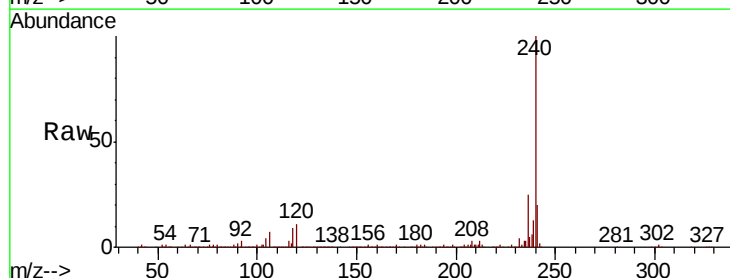


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

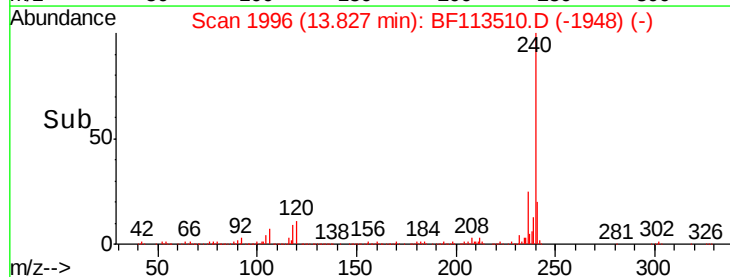
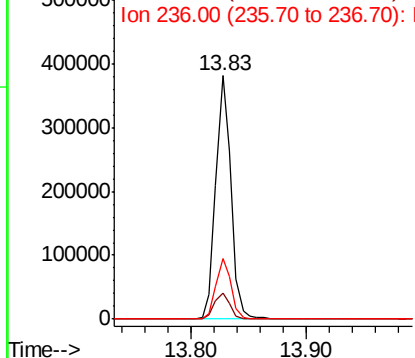


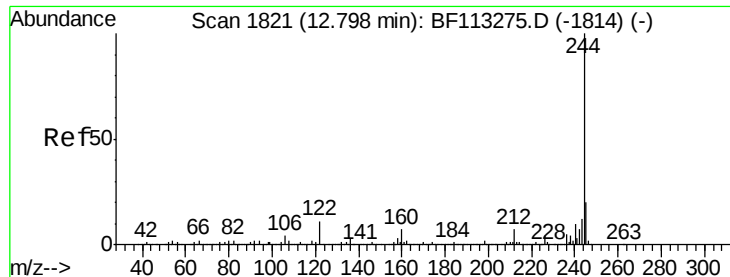
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.83 min Scan# 1996
 Delta R.T. -0.02 min
 Lab File: BF113510.D
 Acq: 2 Apr 2019 17:21

Tgt Ion:240 Resp: 347838
 Ion Ratio Lower Upper
 240 100
 120 10.8 8.8 13.2
 236 24.9 20.9 31.3



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: 67.559 ng

RT: 12.78 min Scan# 1818

Delta R.T. -0.02 min

Lab File: BF113510.D

Acq: 2 Apr 2019 17:21

Instrument :

BNA_F

ClientSampleId :

CS-1

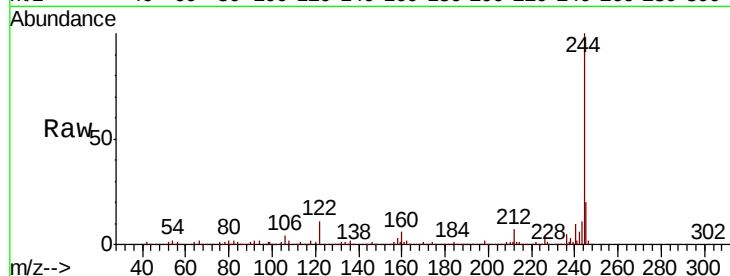
Tgt Ion:244 Resp: 1066141

Ion Ratio Lower Upper

244 100

212 6.6 5.5 8.3

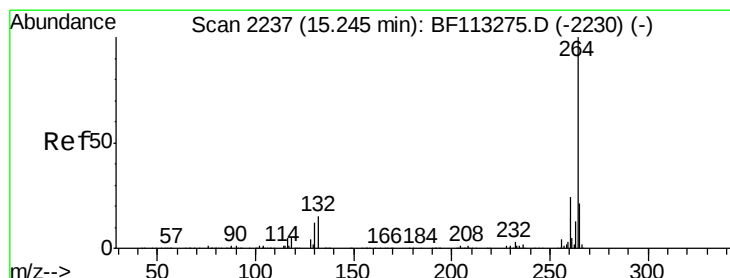
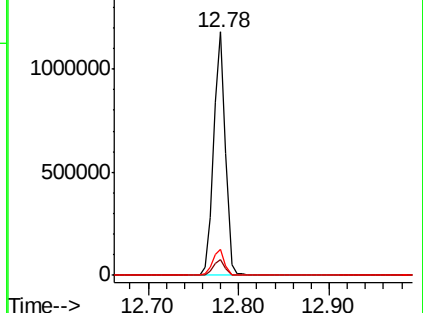
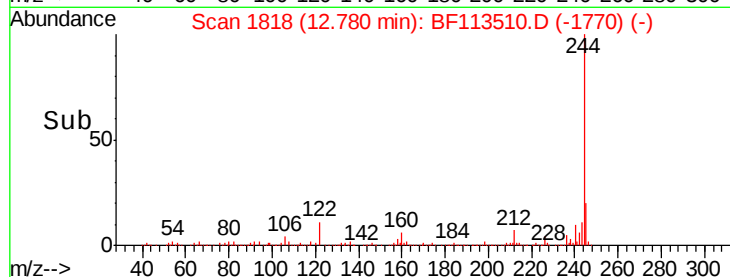
122 10.8 8.6 13.0



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: 15.23 min Scan# 2235

Delta R.T. -0.01 min

Lab File: BF113510.D

Acq: 2 Apr 2019 17:21

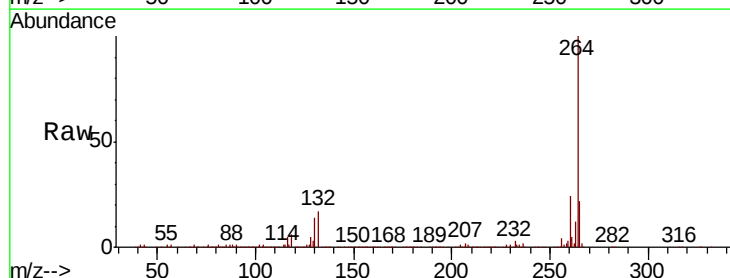
Tgt Ion:264 Resp: 396690

Ion Ratio Lower Upper

264 100

260 24.1 19.1 28.7

265 21.7 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

