

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040119\
 Data File : BF113497.D
 Acq On : 2 Apr 2019 8:00
 Operator : JU/SJ
 Sample : PB118478BL
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 02 08:31:21 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

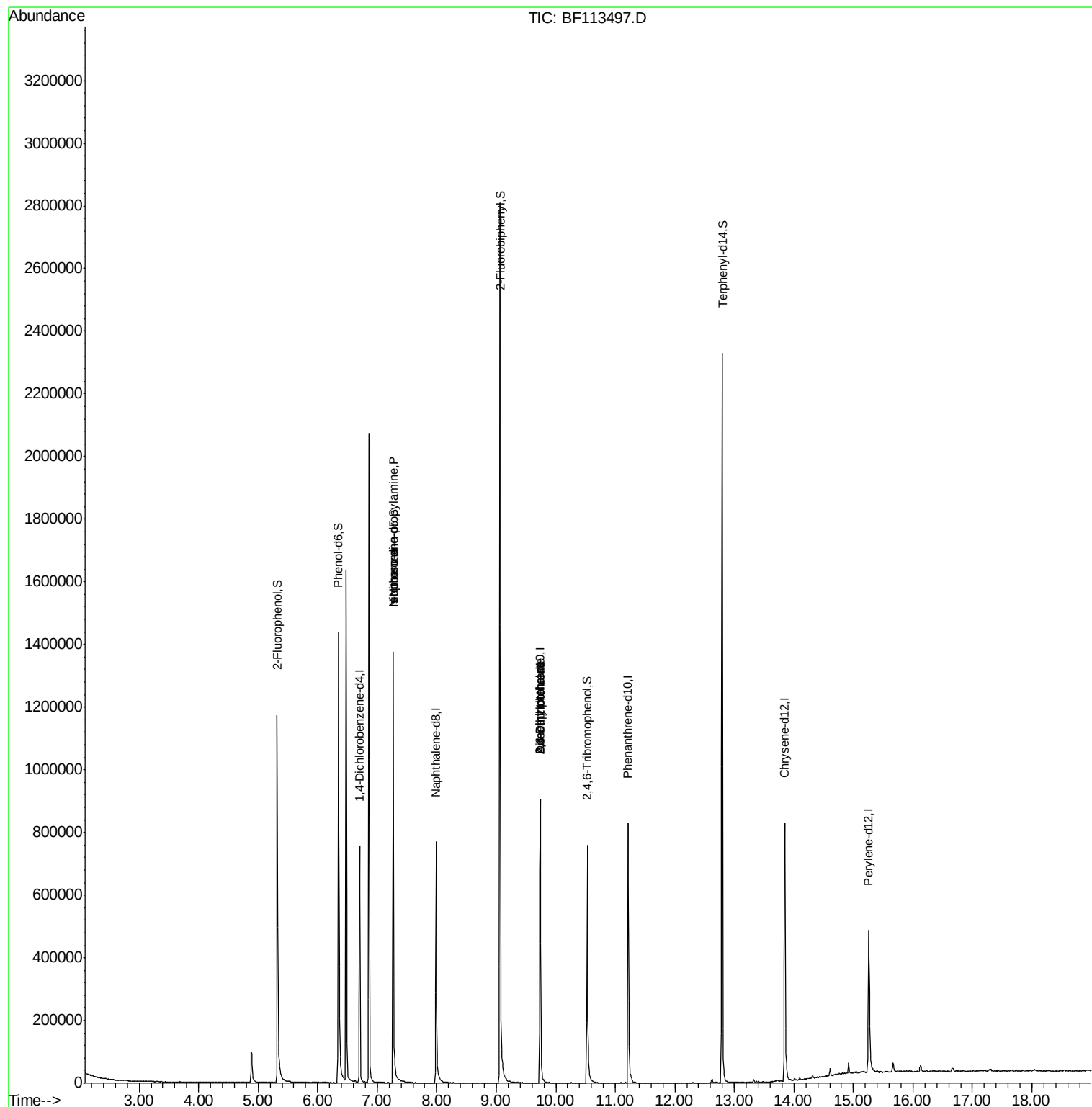
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	117954	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	456988	20.00	ng	0.00
39) Acenaphthene-d10	9.74	164	211089	20.00	ng	0.00
64) Phenanthrene-d10	11.22	188	394504	20.00	ng	0.00
76) Chrysene-d12	13.84	240	385461	20.00	ng	0.00
87) Perylene-d12	15.26	264	266135	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	431702	59.84	ng	0.00
7) Phenol-d6	6.35	99	561443	61.52	ng	0.00
23) Nitrobenzene-d5	7.27	82	490951	63.77	ng	0.00
42) 2,4,6-Tribromophenol	10.53	330	141285	54.19	ng	0.00
45) 2-Fluorobiphenyl	9.06	172	987476	70.26	ng	0.00
79) Terphenyl-d14	12.80	244	962979	55.07	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.27	70	60040	10.474	ng	# 77
25) Isophorone	7.27	82	490949	32.903	ng	# 64
50) Dimethylphthalate	9.74	163	48212	3.082	ng	# 1
51) 2,6-Dinitrotoluene	9.74	165	25692	7.280	ng	# 27
57) 2,4-Dinitrotoluene	9.74	165	25688	5.724	ng	# 23

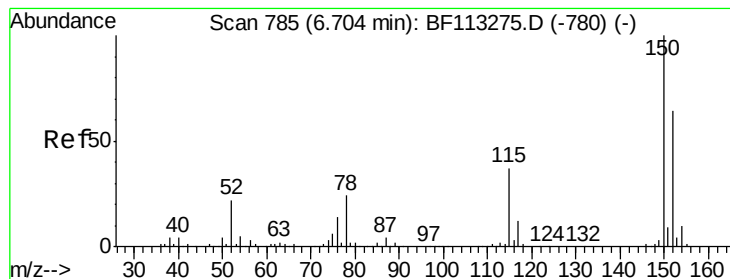
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.70 min Scan# 785

Delta R.T. 0.00 min

Lab File: BF113497.D

Acq: 2 Apr 2019 8:00

Instrument :

BNA_F

ClientSampleId :

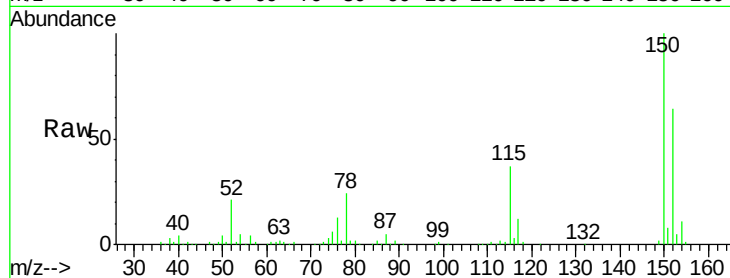
Tot Ion:152 Resp: 117954

Ion Ratio Lower Upper

152 100

150 157.0 124.7 187.1

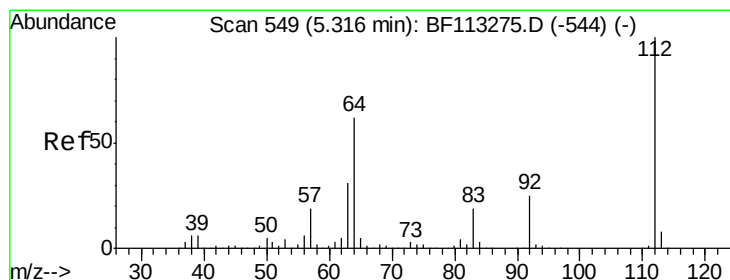
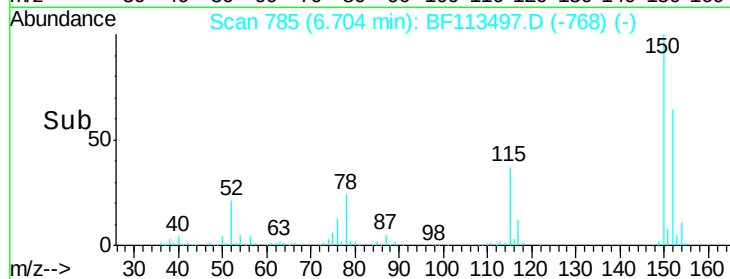
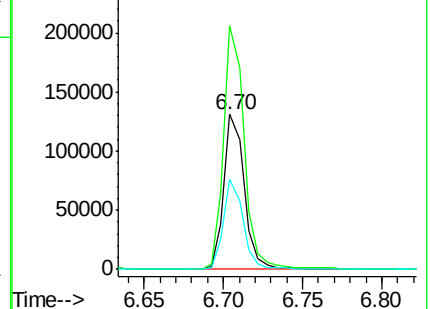
115 57.8 46.0 69.0



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: 59.844 ng

RT: 5.32 min Scan# 550

Delta R.T. 0.01 min

Lab File: BF113497.D

Acq: 2 Apr 2019 8:00

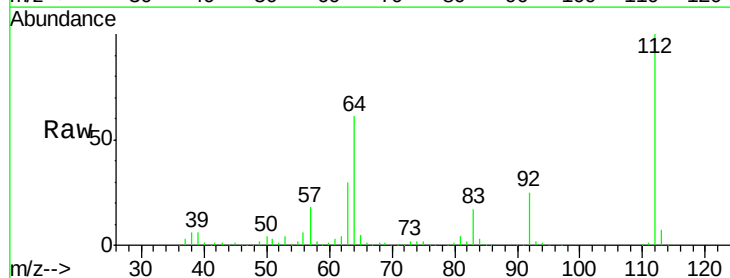
Tgt Ion:112 Resp: 431702

Ion Ratio Lower Upper

112 100

64 60.7 49.2 73.8

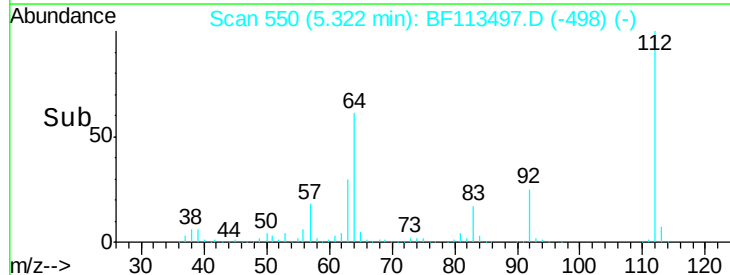
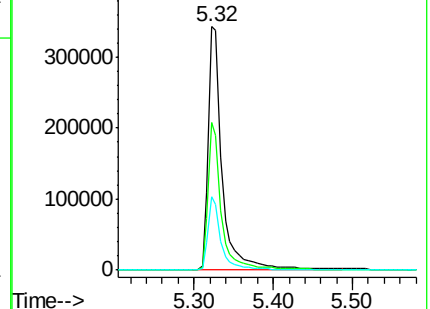
63 30.0 24.9 37.3

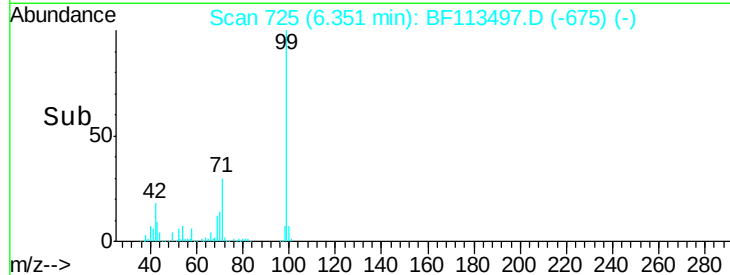
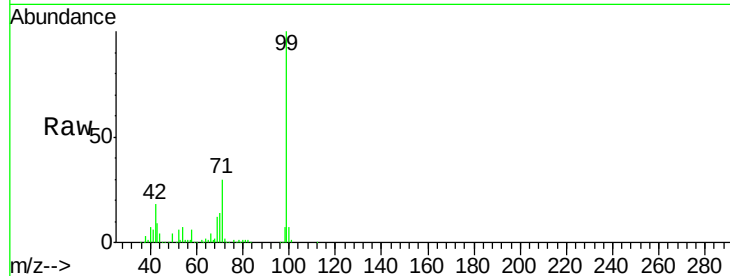
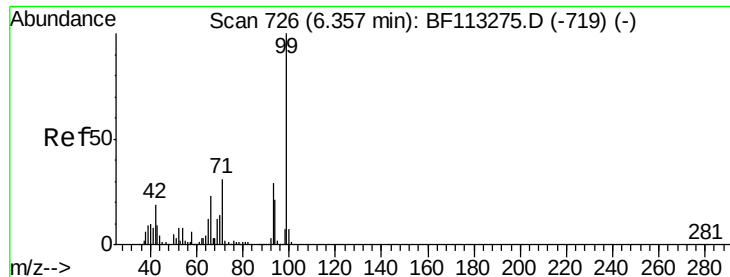


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 61.522 ng

RT: 6.35 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF113497.D

Acq: 2 Apr 2019 8:00

Instrument :

BNA_F

ClientSampleId :

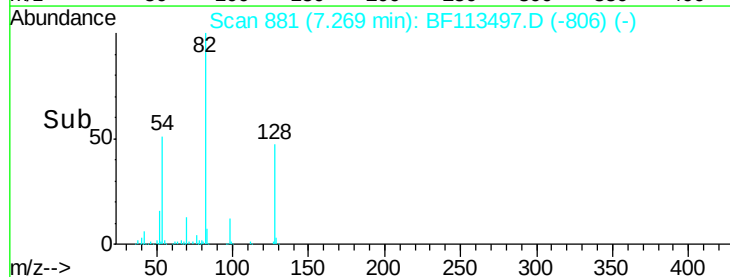
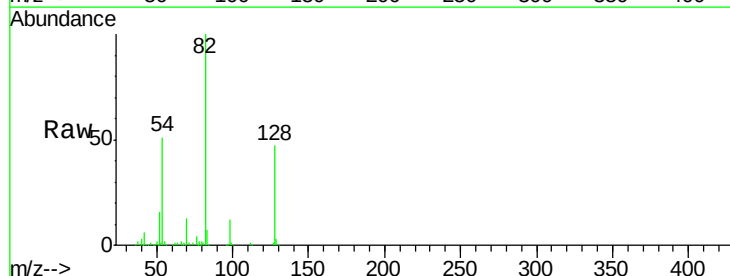
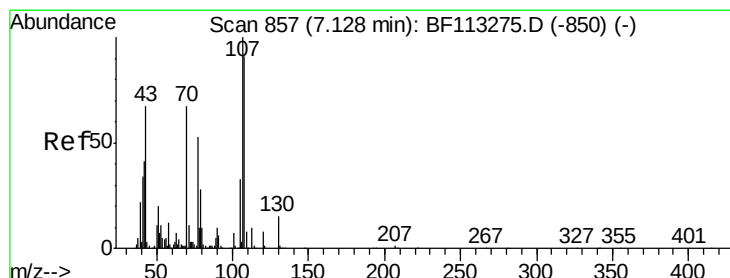
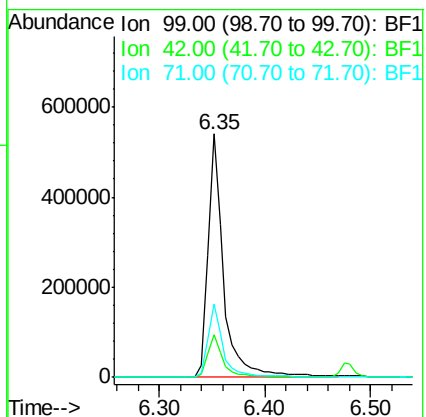
Tot Ion: 99 Resp: 561443

Ion Ratio Lower Upper

99 100

42 17.6 14.8 22.2

71 30.4 24.9 37.3



#19

n-Nitroso-di-n-propylamine

Concen: 10.474 ng

RT: 7.27 min Scan# 881

Delta R.T. 0.14 min

Lab File: BF113497.D

Acq: 2 Apr 2019 8:00

Tgt Ion: 70 Resp: 60040

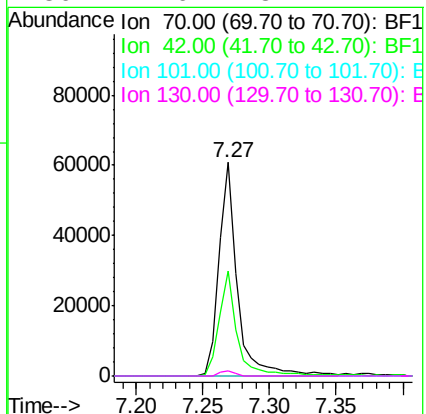
Ion Ratio Lower Upper

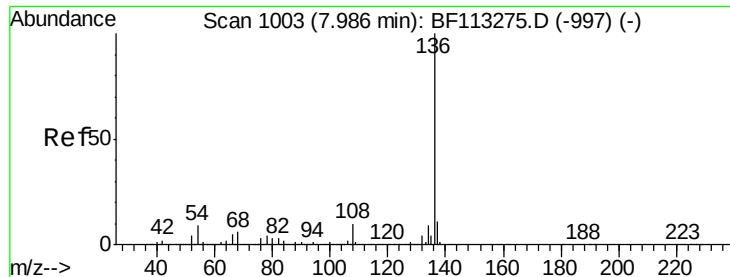
70 100

42 49.4 48.4 72.6

101 0.0 7.8 11.8#

130 2.6 18.2 27.4#

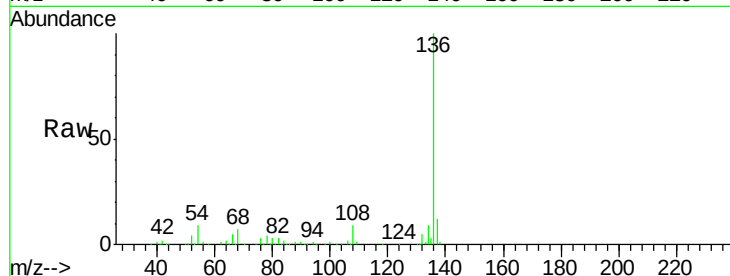




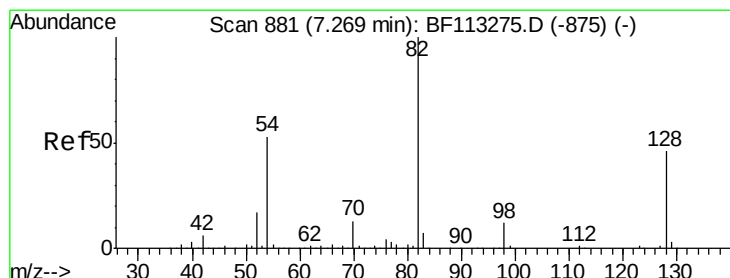
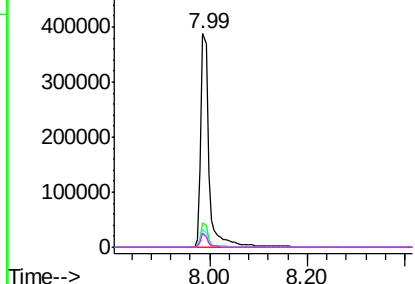
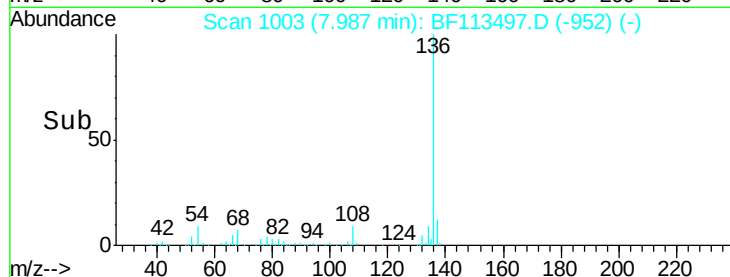
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.99 min Scan# 1003
Delta R.T. 0.00 min
Lab File: BF113497.D
Acq: 2 Apr 2019 8:00

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	456988
Ion Ratio	Lower	Upper
136	100	
137	11.6	8.9 13.3
54	8.5	7.0 10.6
68	6.7	4.8 7.2

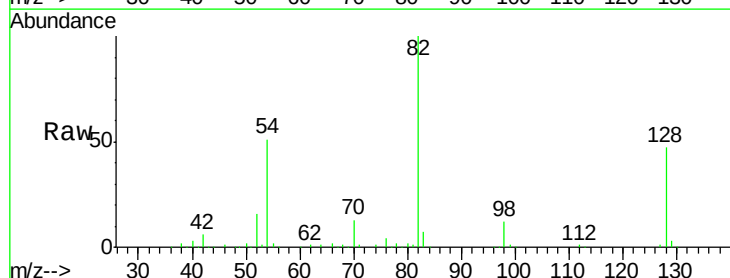


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

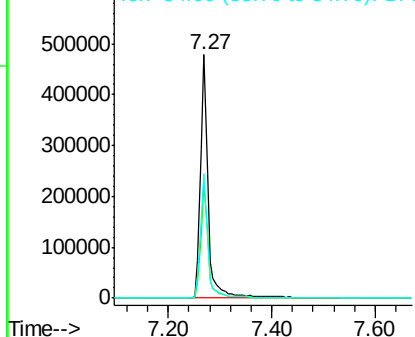
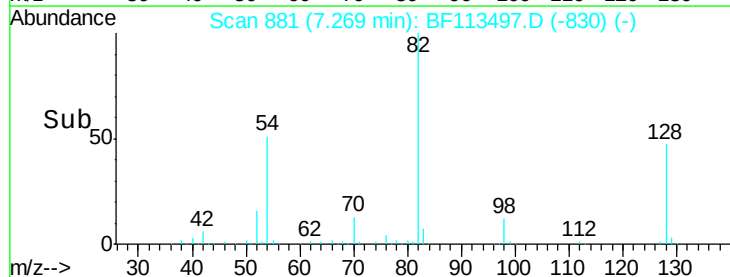


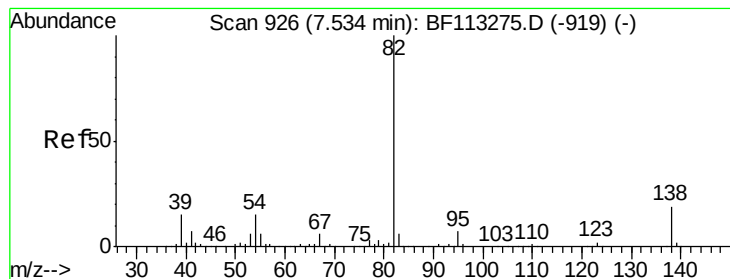
#23
Nitrobenzene-d5
Concen: 63.765 ng
RT: 7.27 min Scan# 881
Delta R.T. 0.00 min
Lab File: BF113497.D
Acq: 2 Apr 2019 8:00

Tgt Ion: 82	Resp:	490951
Ion Ratio	Lower	Upper
82	100	
128	46.7	36.5 54.7
54	51.1	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: 32.903 ng

RT: 7.27 min Scan# 881

Delta R.T. -0.26 min

Lab File: BF113497.D

Acq: 2 Apr 2019 8:00

Instrument :

BNA_F

ClientSampleId :

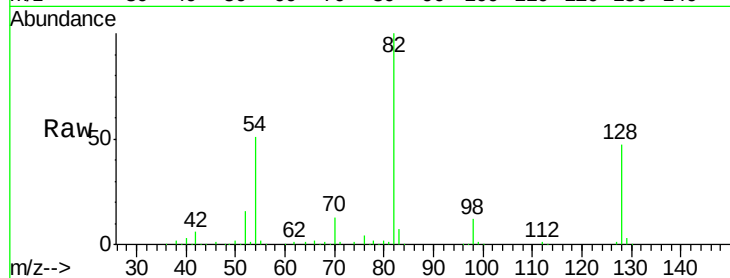
Tot Ion: 82 Resp: 490949

Ion Ratio Lower Upper

82 100

95 0.0 5.5 8.3#

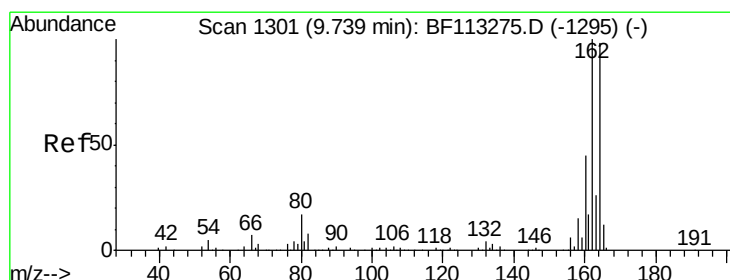
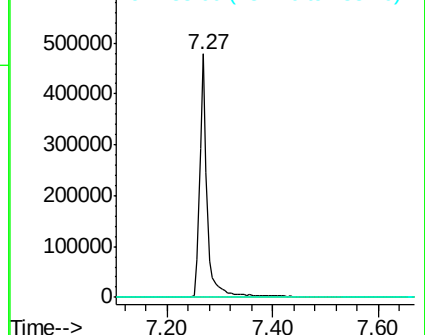
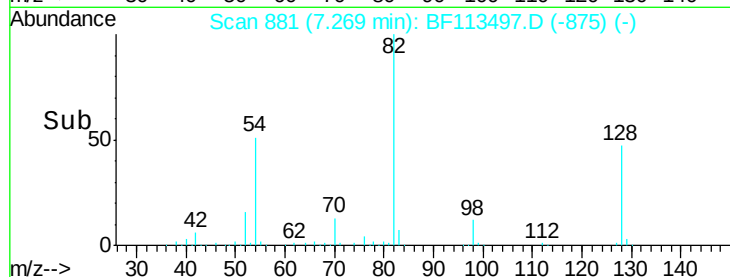
138 0.0 15.2 22.8#



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: 9.74 min Scan# 1301

Delta R.T. 0.00 min

Lab File: BF113497.D

Acq: 2 Apr 2019 8:00

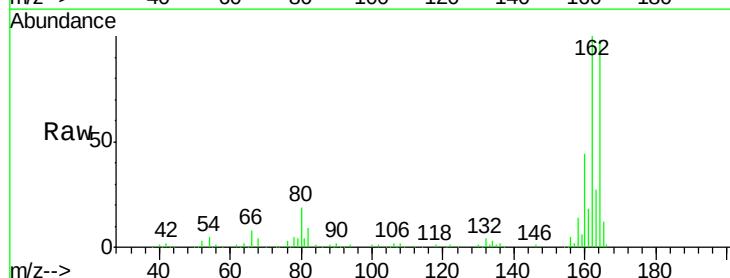
Tgt Ion:164 Resp: 211089

Ion Ratio Lower Upper

164 100

162 102.3 81.8 122.6

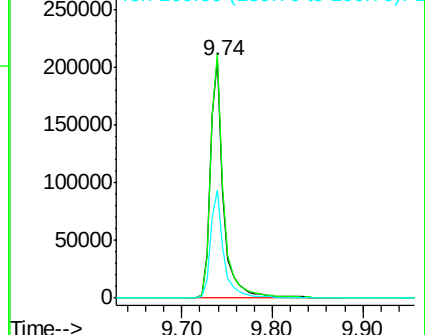
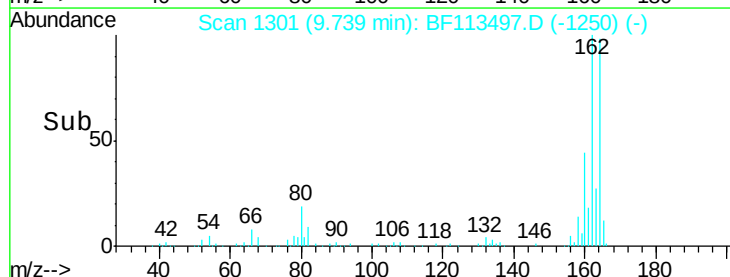
160 45.4 36.4 54.6

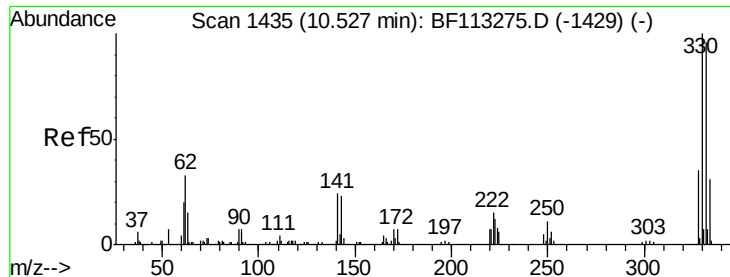


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#42

2,4,6-Tribromophenol

Concen: 54.186 ng

RT: 10.53 min Scan# 1435

Delta R.T. 0.00 min

Lab File: BF113497.D

Acq: 2 Apr 2019 8:00

Instrument :

BNA_F

ClientSampleId :

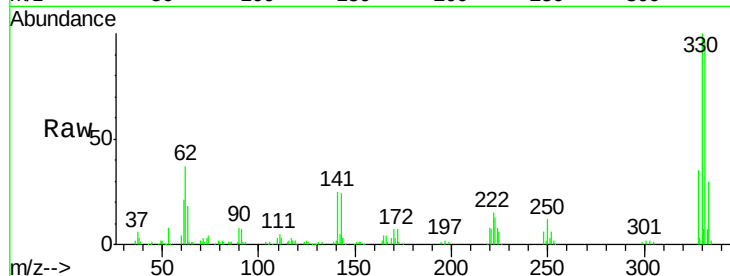
Tot Ion:330 Resp: 141285

Ion Ratio Lower Upper

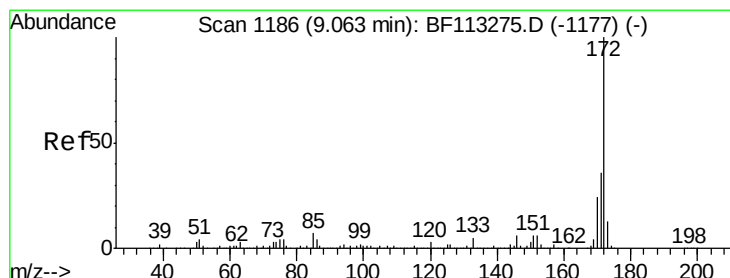
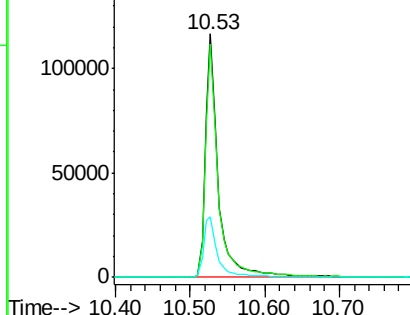
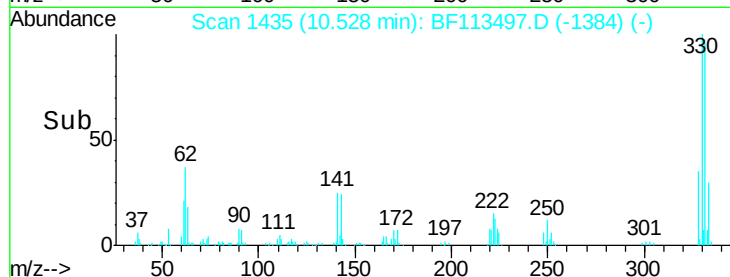
330 100

332 96.3 77.8 116.6

141 27.2 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: 70.263 ng

RT: 9.06 min Scan# 1186

Delta R.T. 0.00 min

Lab File: BF113497.D

Acq: 2 Apr 2019 8:00

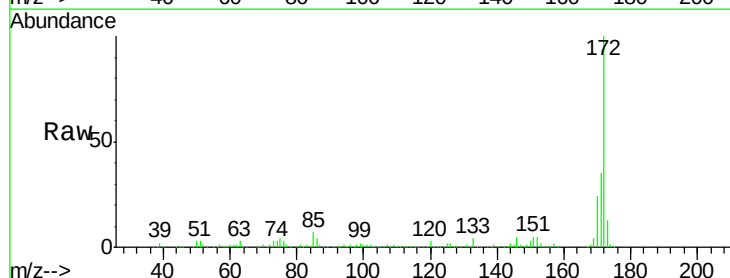
Tgt Ion:172 Resp: 987476

Ion Ratio Lower Upper

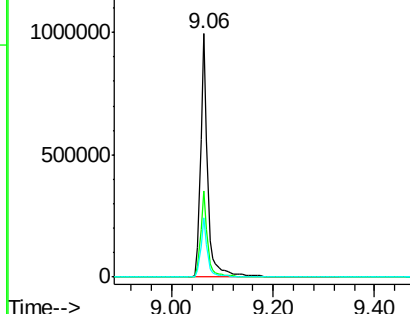
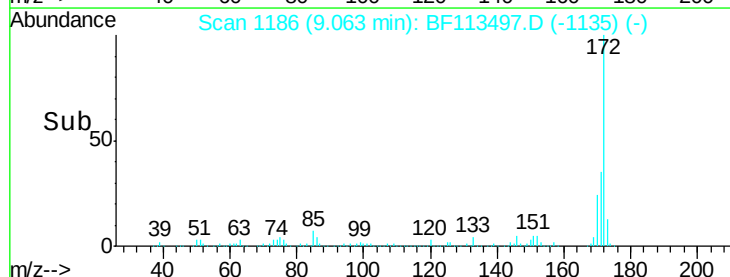
172 100

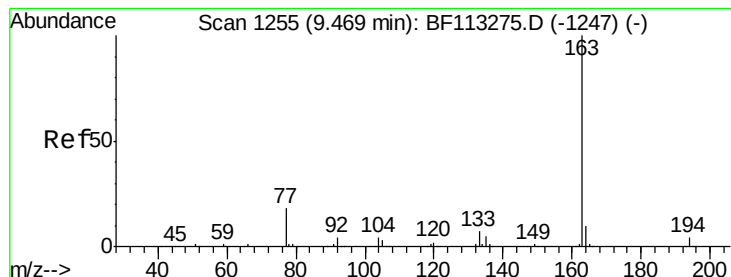
171 35.4 29.0 43.6

170 24.1 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: 3.082 ng

RT: 9.74 min Scan# 1301

Delta R.T. 0.27 min

Lab File: BF113497.D

Acq: 2 Apr 2019 8:00

Instrument :

BNA_F

ClientSampleId :

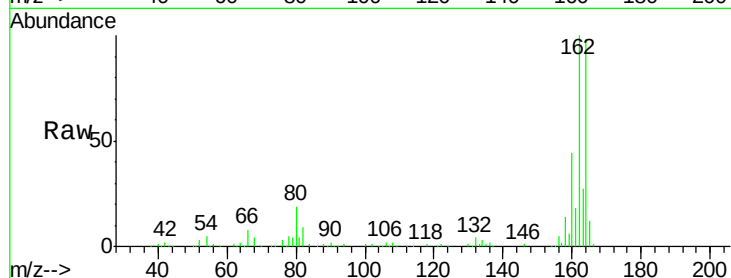
Tot Ion:163 Resp: 48212

Ion Ratio Lower Upper

163 100

194 0.0 3.0 4.6#

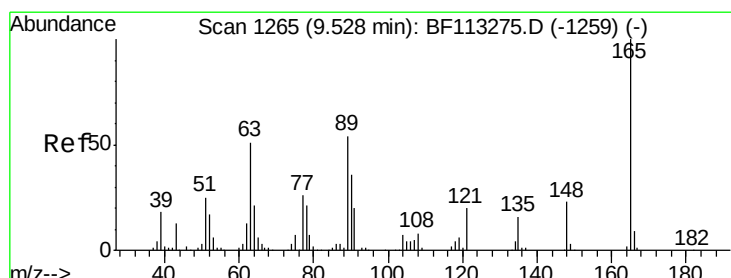
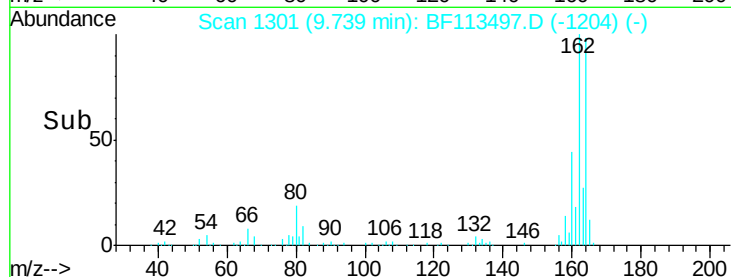
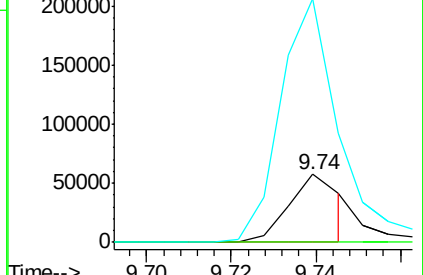
164 357.7 8.1 12.1#



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: 7.280 ng

RT: 9.74 min Scan# 1301

Delta R.T. 0.21 min

Lab File: BF113497.D

Acq: 2 Apr 2019 8:00

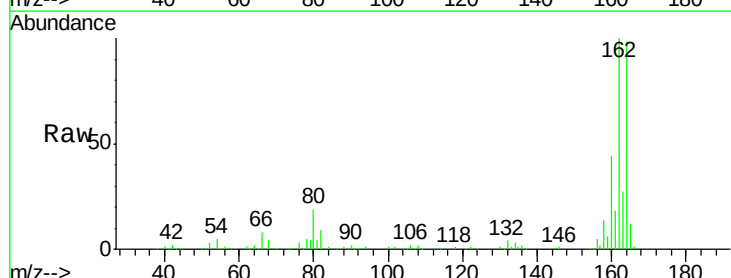
Tgt Ion:165 Resp: 25692

Ion Ratio Lower Upper

165 100

63 1.3 43.4 65.0#

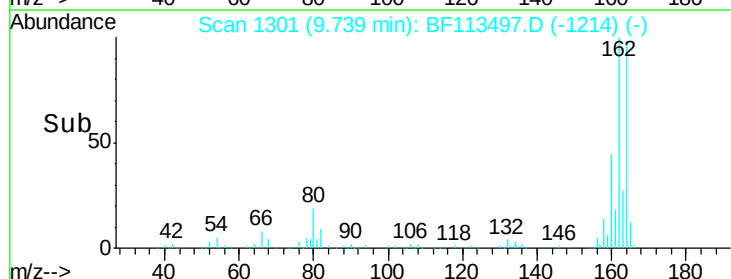
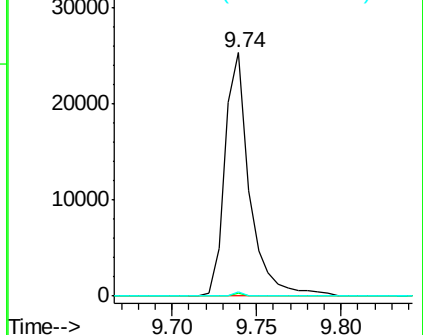
89 1.5 43.1 64.7#

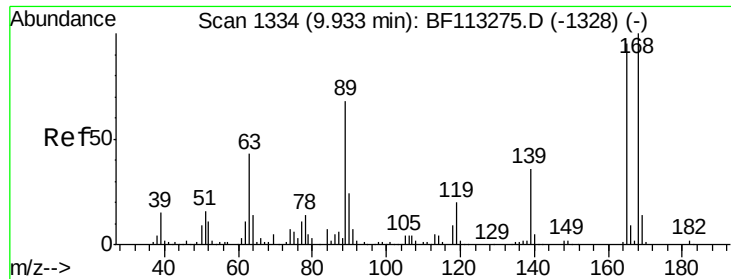


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

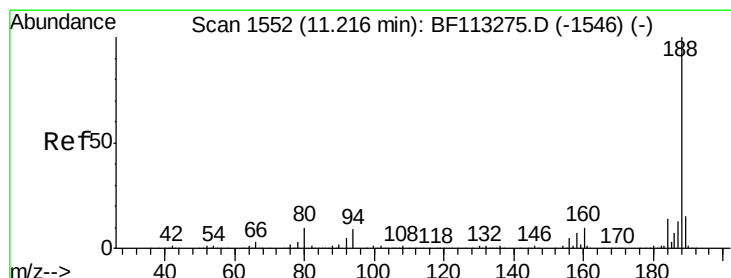
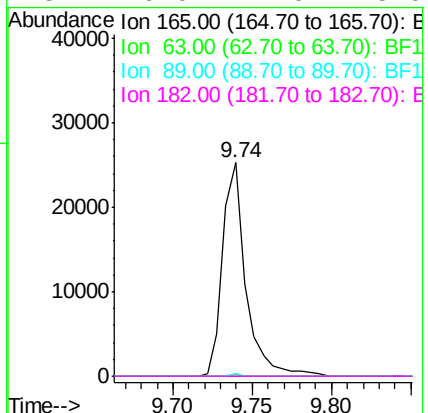
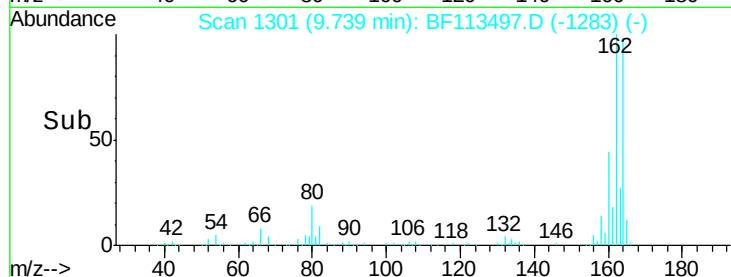
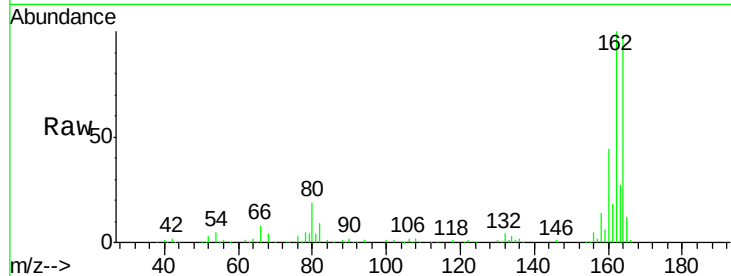




#57
 2,4-Dinitrotoluene
 Concen: 5.724 ng
 RT: 9.74 min Scan# 1301
 Delta R.T. -0.19 min
 Lab File: BF113497.D
 Acq: 2 Apr 2019 8:00

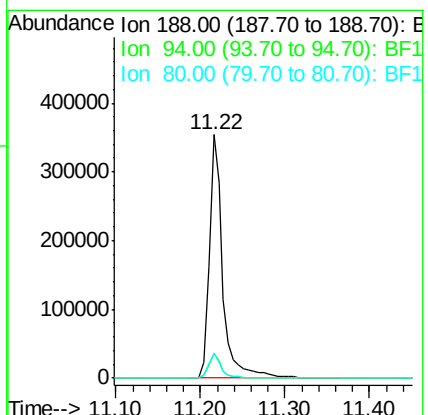
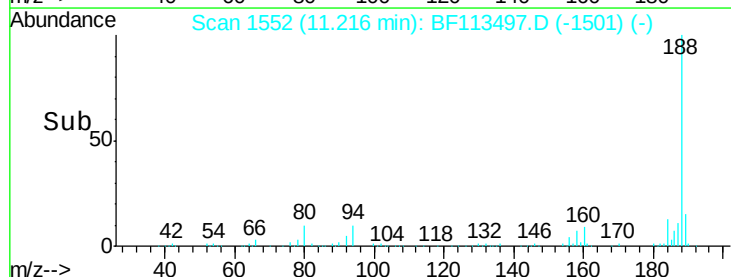
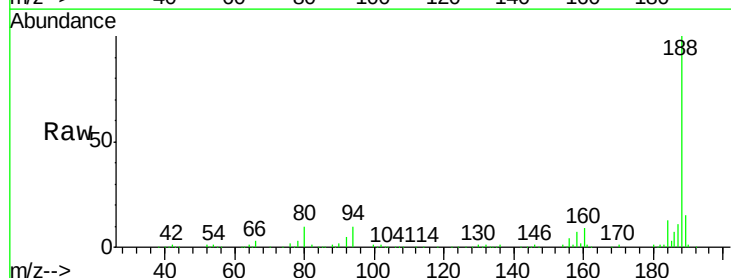
Instrument :
 BNA_F
 ClientSampleId :

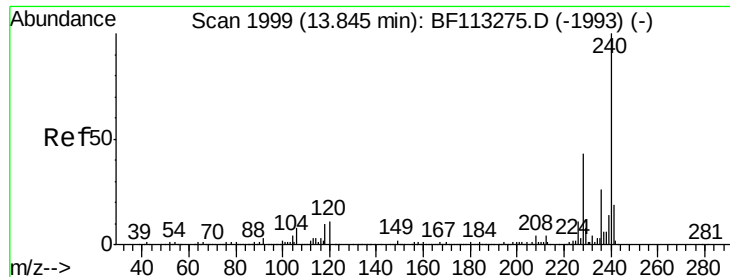
Tot Ion:	165	Resp:	25688
Ion Ratio	Lower	Upper	
165	100		
63	1.3	37.5	56.3#
89	1.5	57.4	86.2#
182	0.0	2.0	3.0#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.22 min Scan# 1552
 Delta R.T. 0.00 min
 Lab File: BF113497.D
 Acq: 2 Apr 2019 8:00

Tgt Ion:	188	Resp:	394504
Ion Ratio	Lower	Upper	
188	100		
94	10.0	7.0	10.6
80	10.2	7.7	11.5





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.84 min Scan# 1999

Delta R.T. 0.00 min

Lab File: BF113497.D

Acq: 2 Apr 2019 8:00

Instrument :

BNA_F

ClientSampleId :

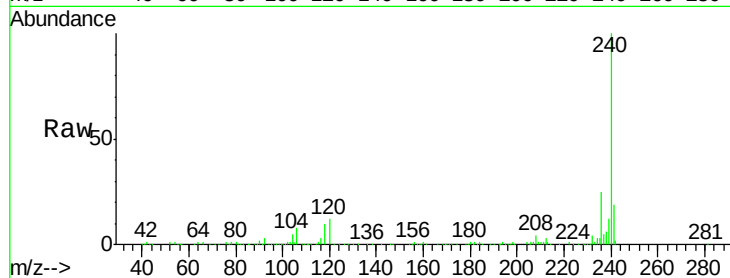
Tot Ion:240 Resp: 385461

Ion Ratio Lower Upper

240 100

120 11.7 8.8 13.2

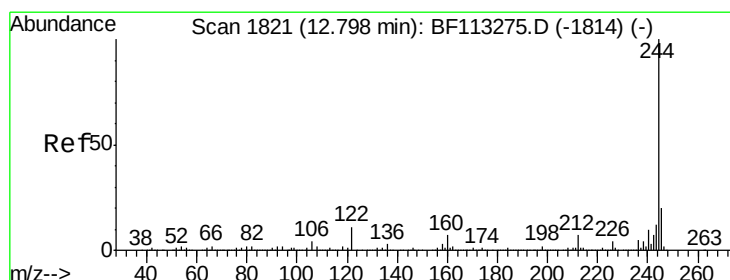
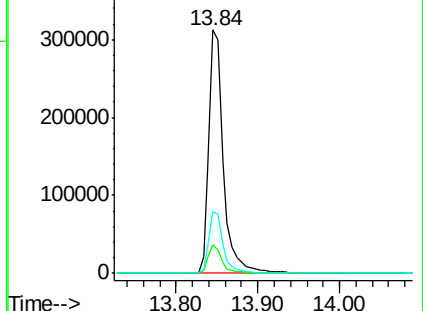
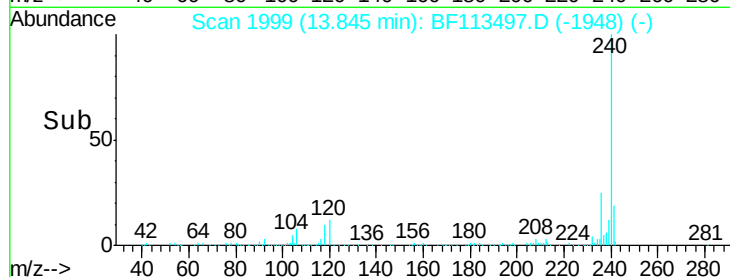
236 25.3 20.9 31.3



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: 55.066 ng

RT: 12.80 min Scan# 1821

Delta R.T. 0.00 min

Lab File: BF113497.D

Acq: 2 Apr 2019 8:00

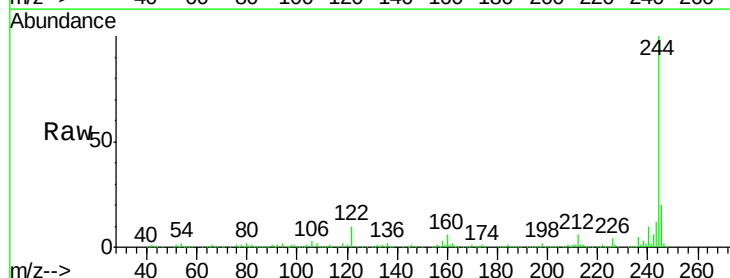
Tgt Ion:244 Resp: 962979

Ion Ratio Lower Upper

244 100

212 6.2 5.5 8.3

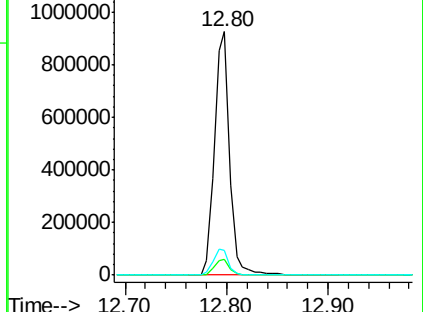
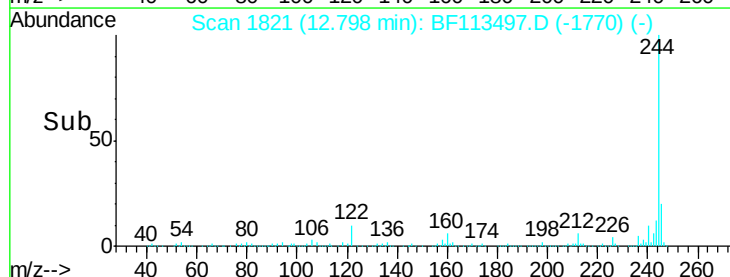
122 9.9 8.6 13.0

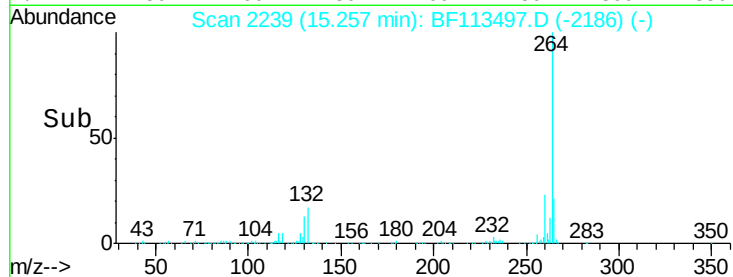
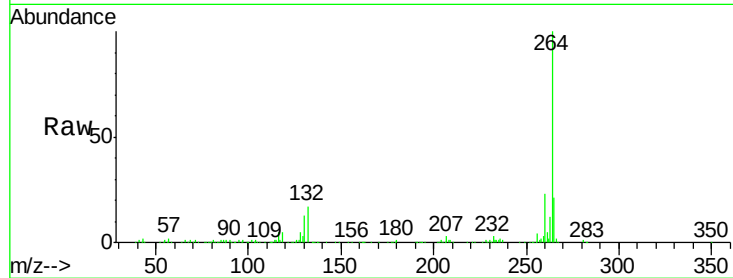
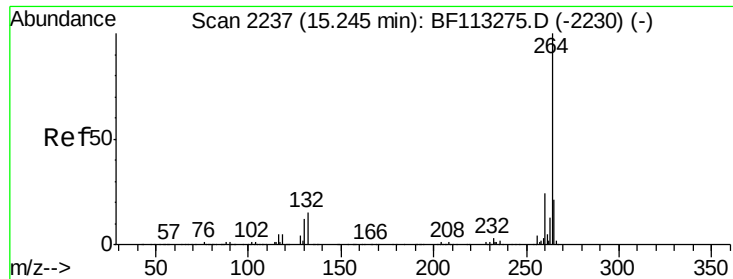


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.26 min Scan# 2239
 Delta R.T. 0.01 min
 Lab File: BF113497.D
 Acq: 2 Apr 2019 8:00

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.1	19.1	28.7
265	21.3	17.1	25.7

