

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF040219\
 Data File : BF113522.D
 Acq On : 2 Apr 2019 23:09
 Operator : JU/SJ
 Sample : K2180-23
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-10D

Quant Time: Apr 03 01:04:45 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

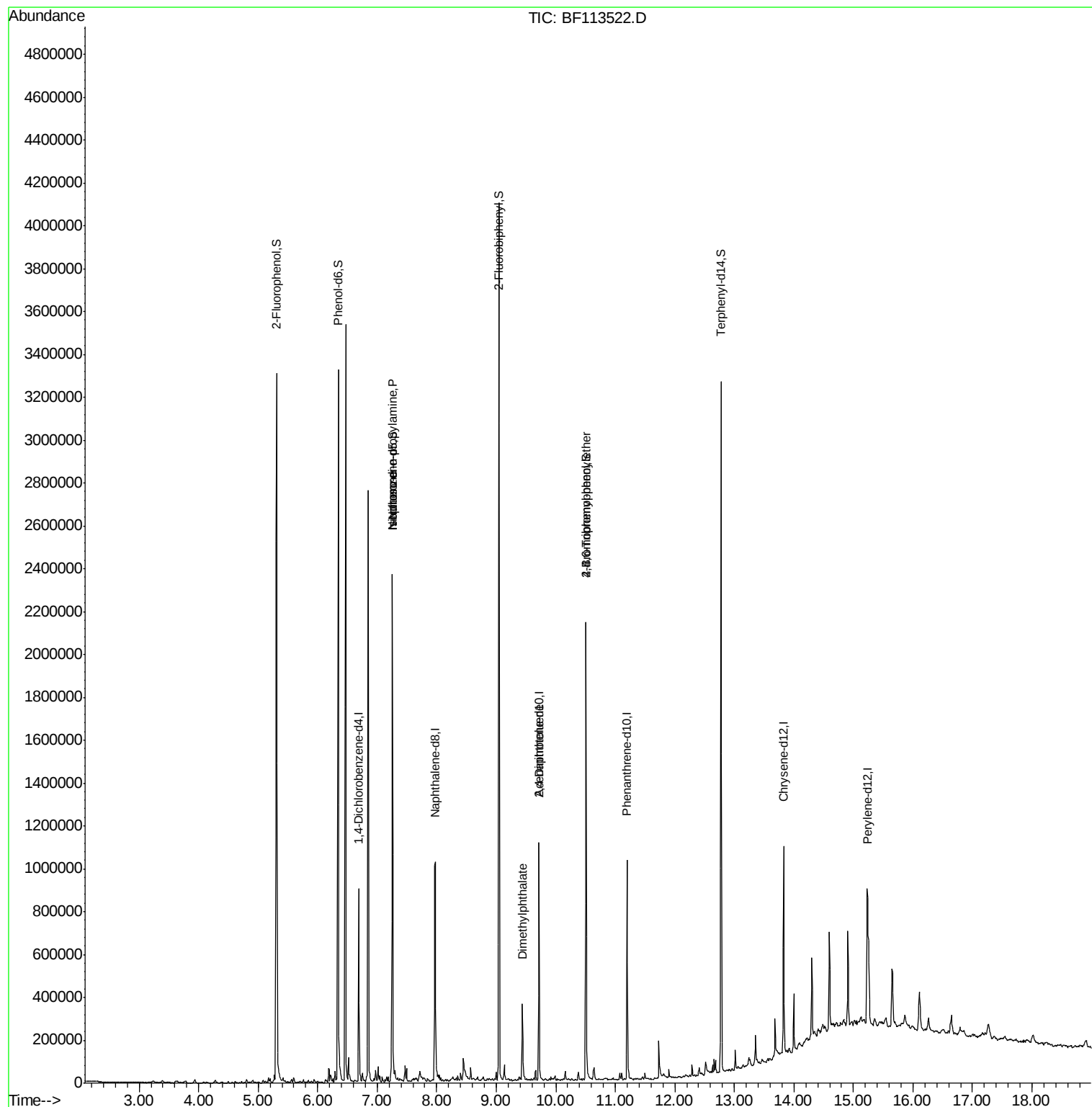
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.69	152	139276	20.00	ng	-0.01
21) Naphthalene-d8	7.97	136	500806	20.00	ng	-0.01
39) Acenaphthene-d10	9.72	164	222874	20.00	ng	-0.02
64) Phenanthrene-d10	11.20	188	370431	20.00	ng	-0.02
76) Chrysene-d12	13.83	240	345936	20.00	ng	-0.02
87) Perylene-d12	15.23	264	304480	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.31	112	996447	116.98	ng	0.00
7) Phenol-d6	6.35	99	1284363	119.19	ng	-0.01
23) Nitrobenzene-d5	7.26	82	769839	91.24	ng	-0.01
42) 2,4,6-Tribromophenol	10.51	330	312286	113.43	ng	-0.02
45) 2-Fluorobiphenyl	9.05	172	1323328	95.17	ng	-0.02
79) Terphenyl-d14	12.78	244	1132499	72.16	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.26	70	100328	14.823	ng	# 76
20) 3+4-Methylphenols	6.85	107	118	Below Cal		# 1
25) Isophorone	7.26	82	757688	46.337	ng	# 64
50) Dimethylphthalate	9.44	163	130991	7.931	ng	99
57) 2,4-Dinitrotoluene	9.72	165	28900	6.099	ng	# 23
67) 4-Bromophenyl-phenylether	10.51	248	17549	4.347	ng	# 1

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

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF040219\
Data File : BF113522.D
Acq On : 2 Apr 2019 23:09
Operator : JU/SJ
Sample : K2180-23
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-10D

Quant Time: Apr 03 01:04:45 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



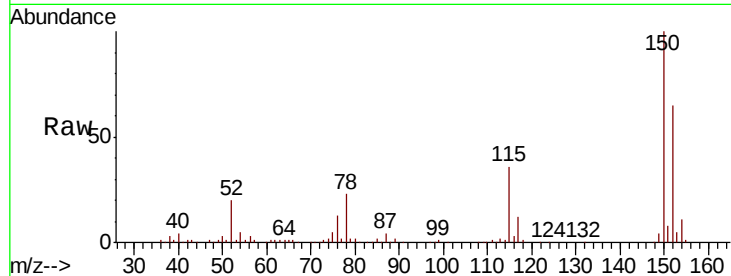


#1

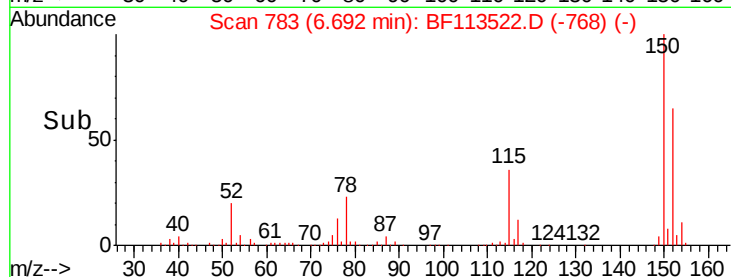
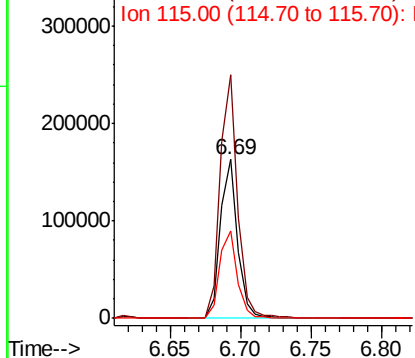
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.69 min Scan# 783
Delta R.T. -0.01 min
Lab File: BF113522.D
Acq: 2 Apr 2019 23:09

Instrument :
BNA_F
ClientSampleId :
TP-10D

Tgt Ion:152 Resp: 139276
Ion Ratio Lower Upper
152 100
150 153.2 124.7 187.1
115 55.2 46.0 69.0



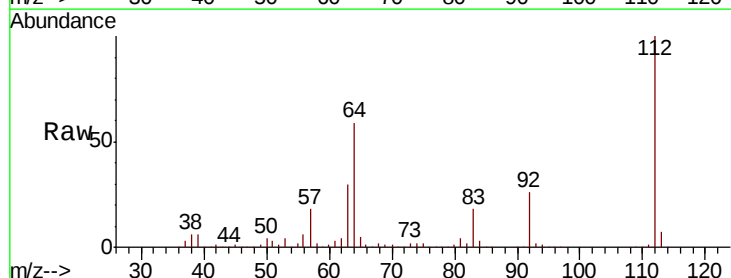
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



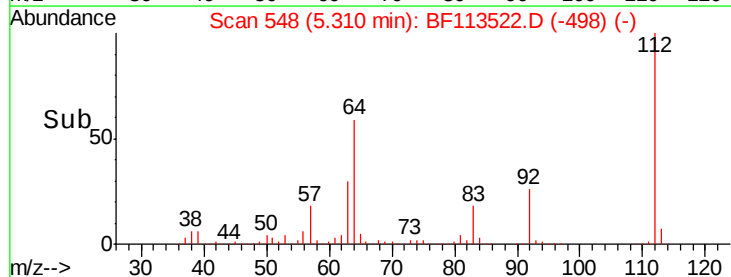
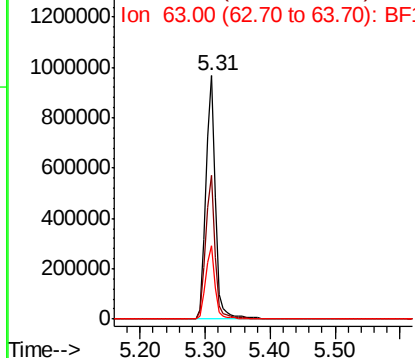
#5

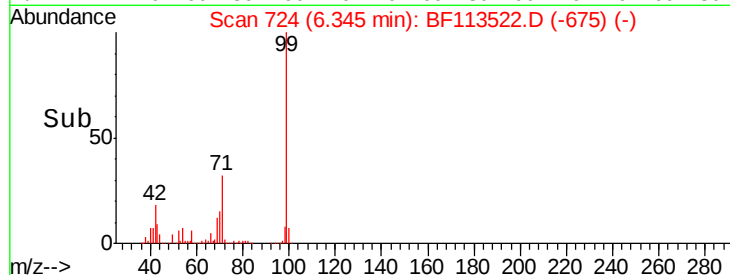
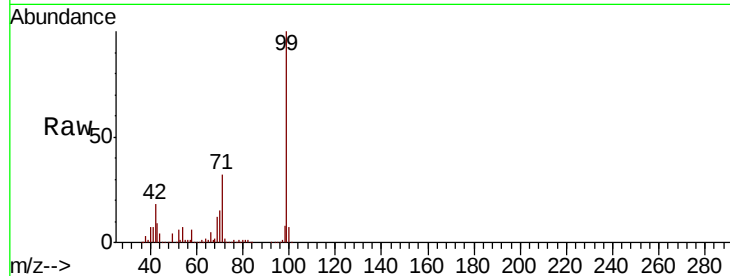
2-Fluorophenol
Concen: 116.984 ng
RT: 5.31 min Scan# 548
Delta R.T. -0.01 min
Lab File: BF113522.D
Acq: 2 Apr 2019 23:09

Tgt Ion:112 Resp: 996447
Ion Ratio Lower Upper
112 100
64 59.0 49.2 73.8
63 30.3 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: 119.193 ng

RT: 6.35 min Scan# 724

Delta R.T. -0.01 min

Lab File: BF113522.D

Acq: 2 Apr 2019 23:09

Instrument :

BNA_F

ClientSampleId :

TP-10D

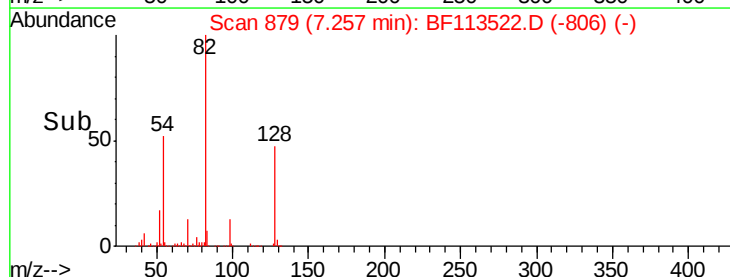
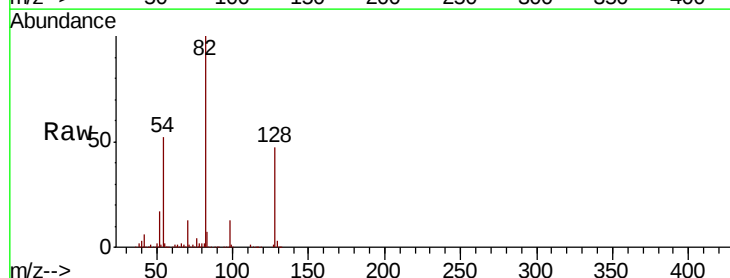
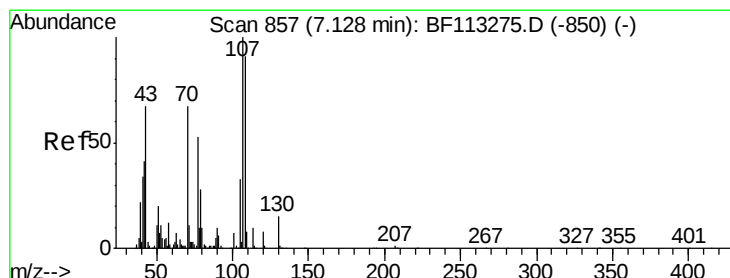
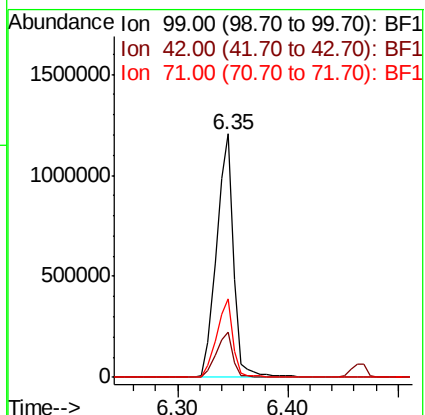
Tgt Ion: 99 Resp: 1284363

Ion Ratio Lower Upper

99 100

42 18.3 14.8 22.2

71 32.3 24.9 37.3



#19

n-Nitroso-di-n-propylamine

Concen: 14.823 ng

RT: 7.26 min Scan# 879

Delta R.T. 0.13 min

Lab File: BF113522.D

Acq: 2 Apr 2019 23:09

Tgt Ion: 70 Resp: 100328

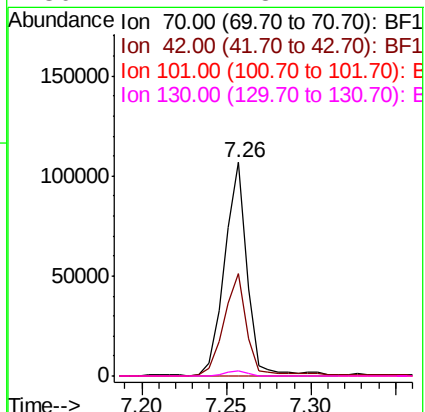
Ion Ratio Lower Upper

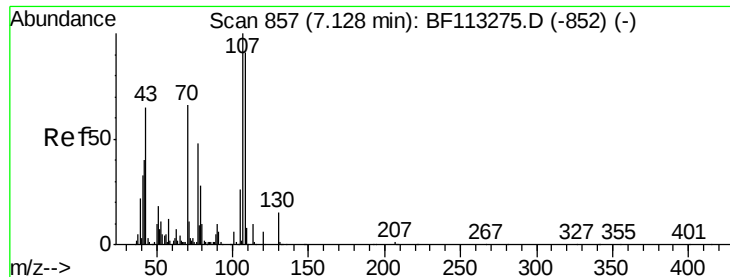
70 100

42 47.8 48.4 72.6#

101 0.0 7.8 11.8#

130 2.4 18.2 27.4#

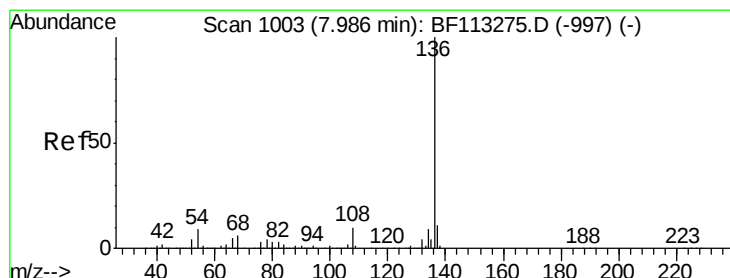
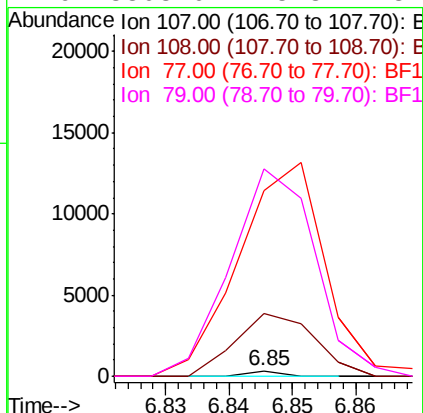
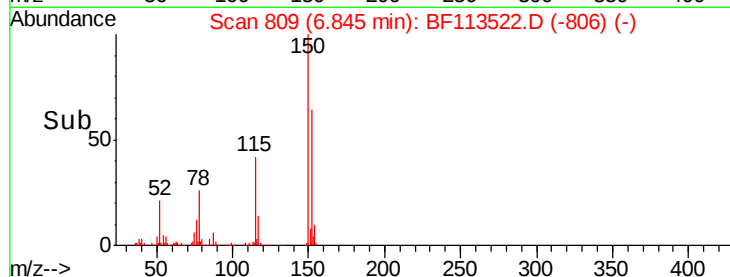
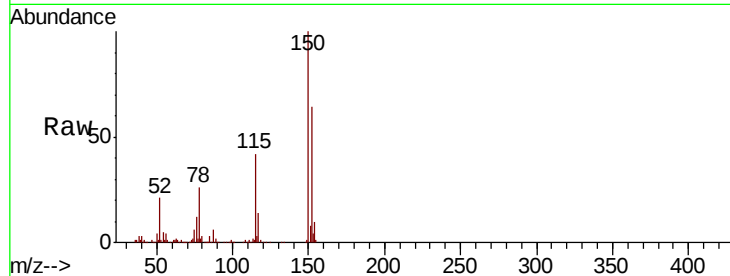




#20
 3+4-Methylphenols
 Concen: Below Cal
 RT: 6.85 min Scan# 809
 Delta R.T. -0.28 min
 Lab File: BF113522.D
 Acq: 2 Apr 2019 23:09

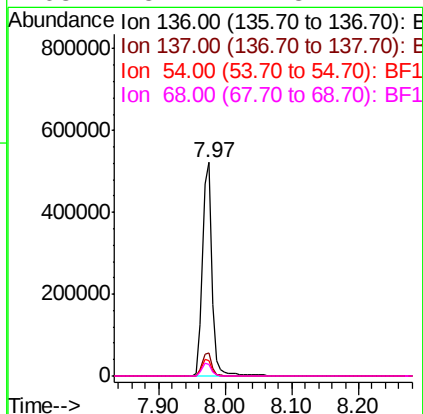
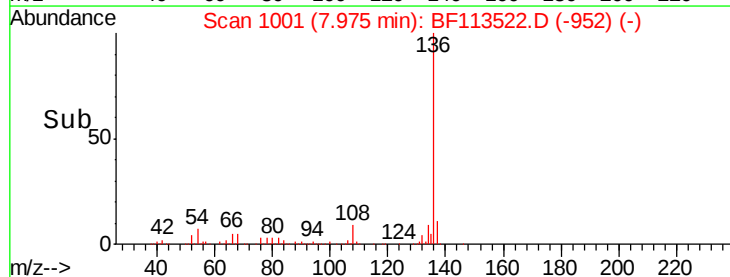
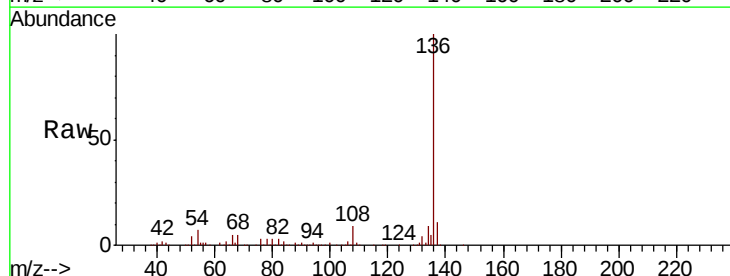
Instrument :
 BNA_F
 ClientSampleId :
 TP-10D

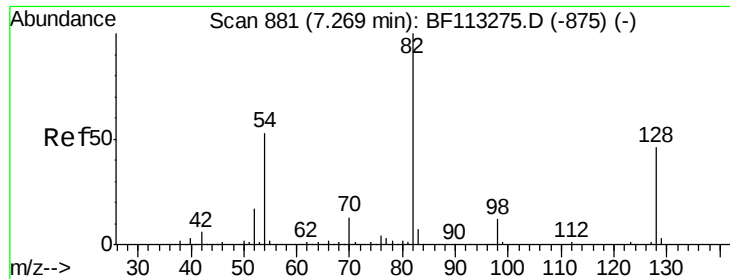
Tgt Ion:107 Resp: 118
 Ion Ratio Lower Upper
 107 100
 108 1142.4 71.4 111.4#
 77 3402.1 33.5 73.5#
 79 3803.0 8.3 48.3#



#21
 Naphthalene-d8
 Concen: 20.000 ng
 RT: 7.97 min Scan# 1001
 Delta R.T. -0.01 min
 Lab File: BF113522.D
 Acq: 2 Apr 2019 23:09

Tgt Ion:136 Resp: 500806
 Ion Ratio Lower Upper
 136 100
 137 10.7 8.9 13.3
 54 7.3 7.0 10.6
 68 5.4 4.8 7.2

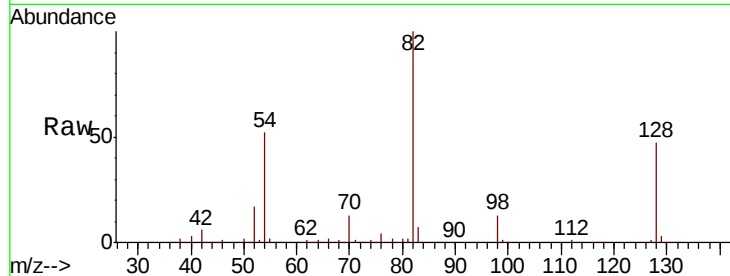




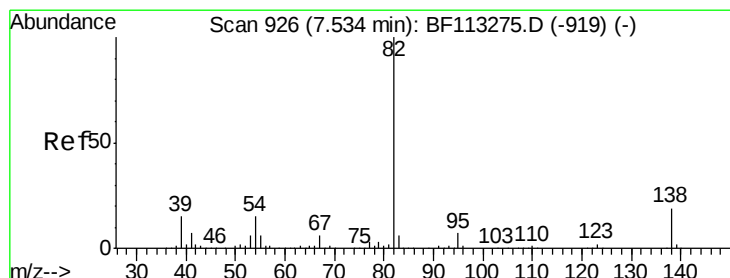
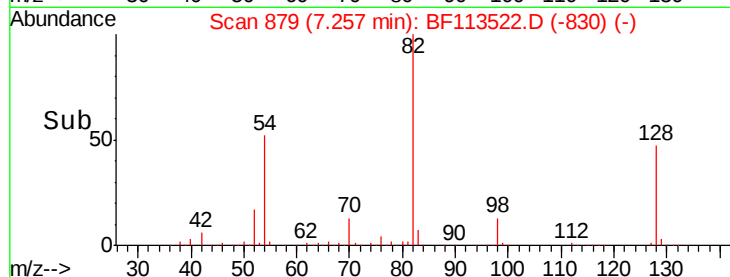
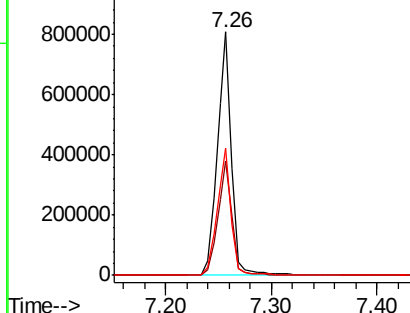
#23
Nitrobenzene-d5
Concen: 91.239 ng
RT: 7.26 min Scan# 879
Delta R.T. -0.01 min
Lab File: BF113522.D
Acq: 2 Apr 2019 23:09

Instrument :
BNA_F
ClientSampled :
TP-10D

Tgt Ion: 82 Resp: 769839
Ion Ratio Lower Upper
82 100
128 46.9 36.5 54.7
54 52.0 42.2 63.2

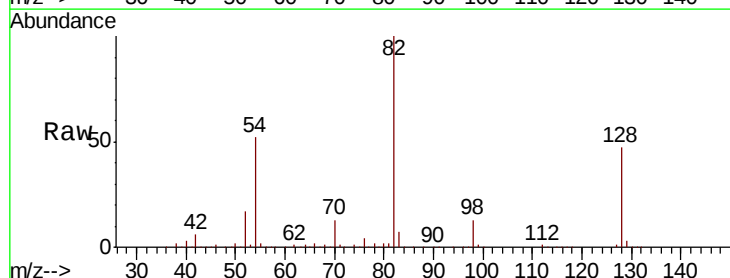


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

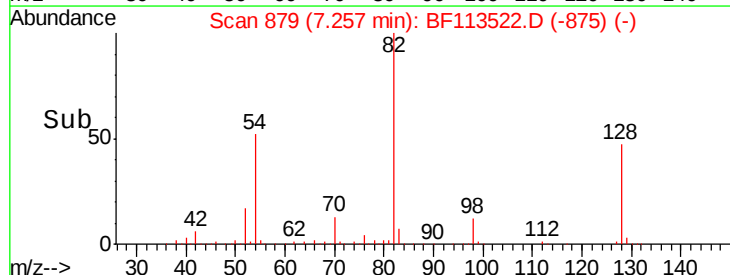
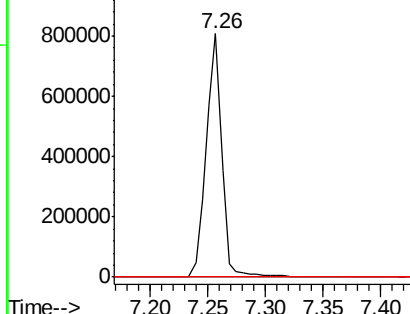


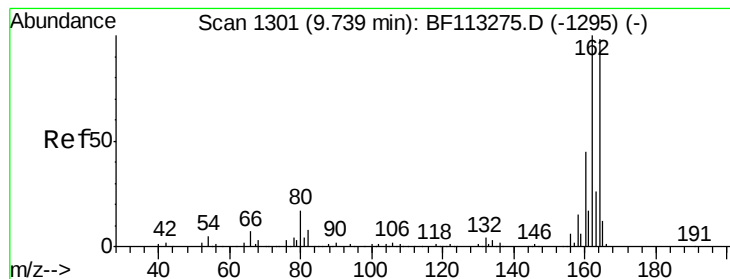
#25
Isophorone
Concen: 46.337 ng
RT: 7.26 min Scan# 879
Delta R.T. -0.28 min
Lab File: BF113522.D
Acq: 2 Apr 2019 23:09

Tgt Ion: 82 Resp: 757688
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: BF113522.D

Acq: 2 Apr 2019 23:09

Instrument :

BNA_F

ClientSampleId :

TP-10D

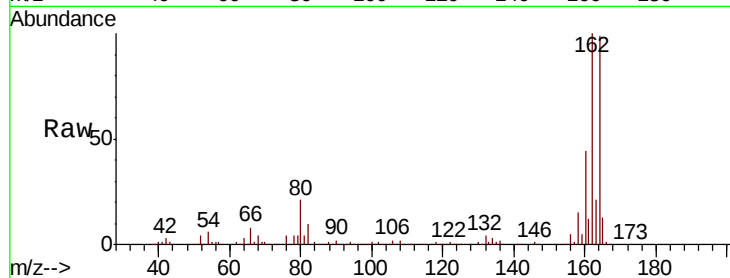
Tgt Ion:164 Resp: 222874

Ion Ratio Lower Upper

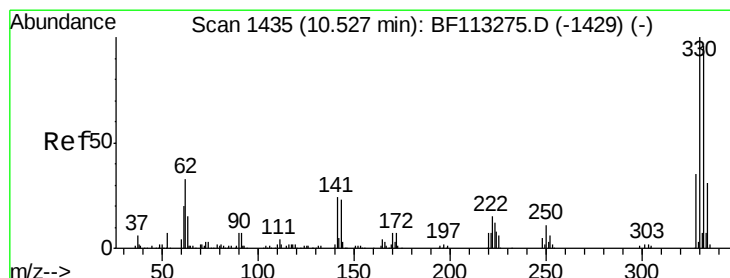
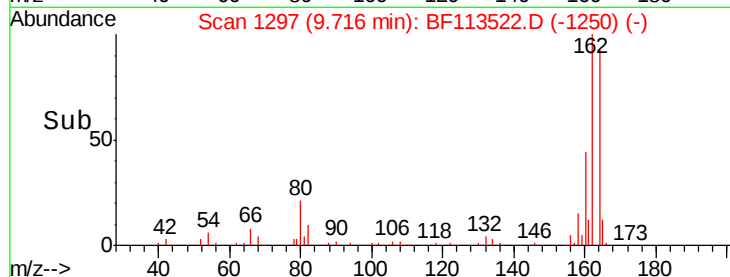
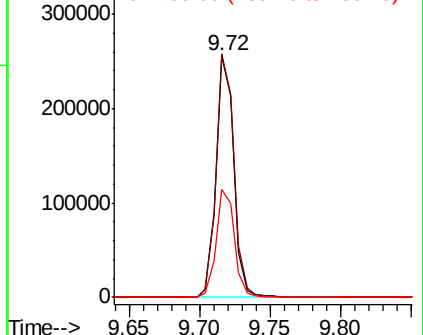
164 100

162 100.9 81.8 122.6

160 44.6 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: 113.435 ng

RT: 10.51 min Scan# 1432

Delta R.T. -0.02 min

Lab File: BF113522.D

Acq: 2 Apr 2019 23:09

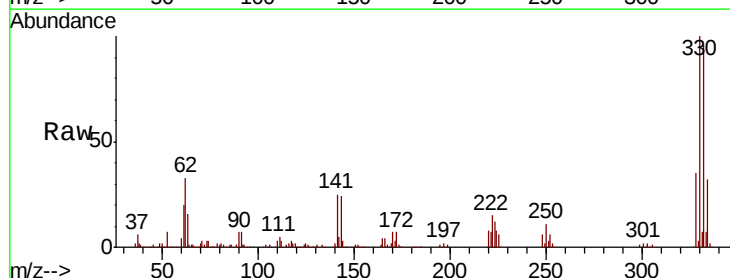
Tgt Ion:330 Resp: 312286

Ion Ratio Lower Upper

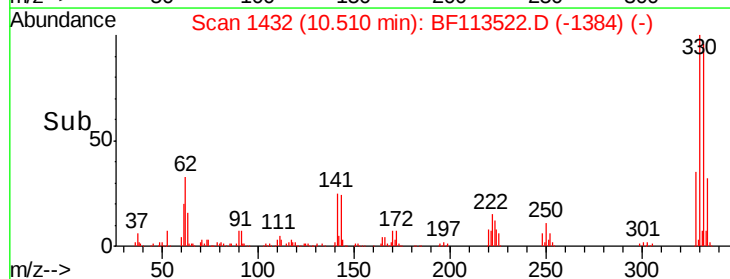
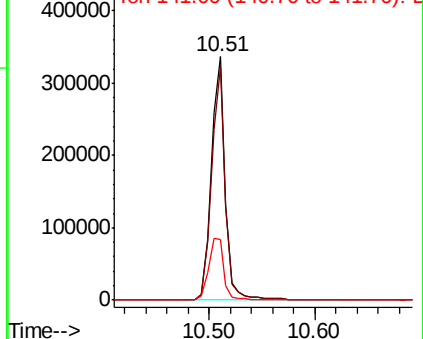
330 100

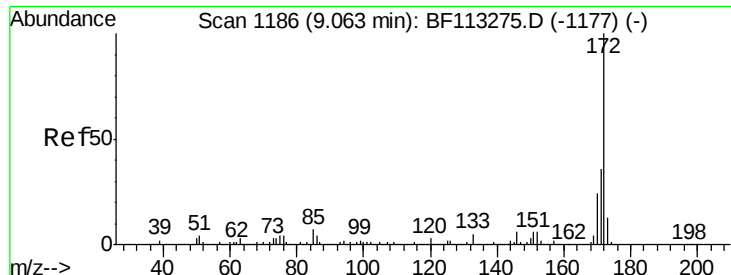
332 95.2 77.8 116.6

141 28.1 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

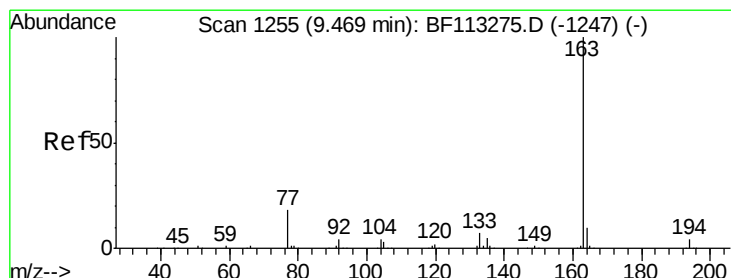
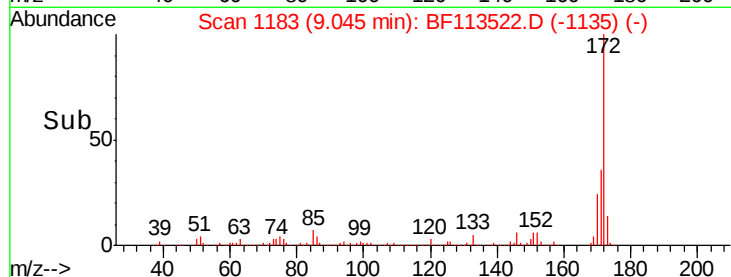
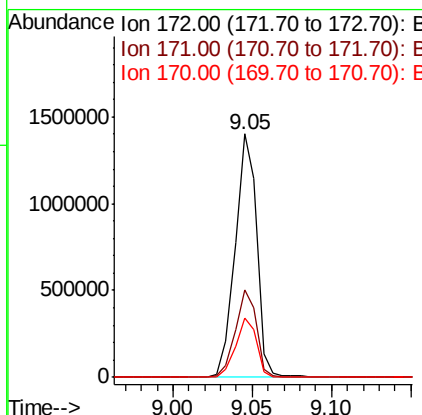
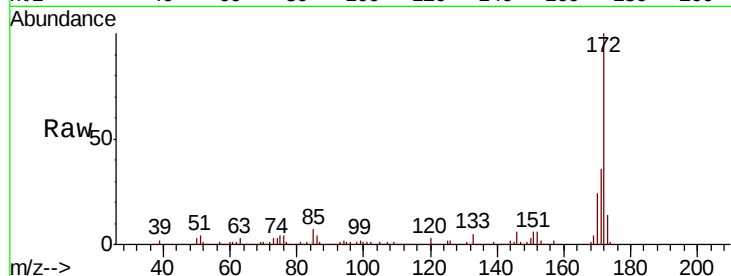




#45
2-Fluorobiphenyl
Concen: 95.174 ng
RT: 9.05 min Scan# 1183
Delta R.T. -0.02 min
Lab File: BF113522.D
Acq: 2 Apr 2019 23:09

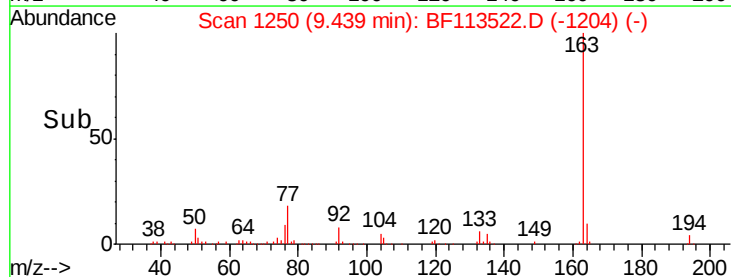
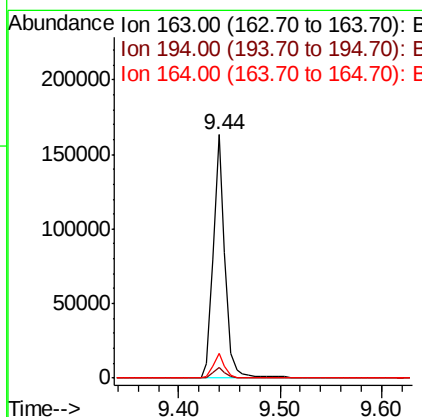
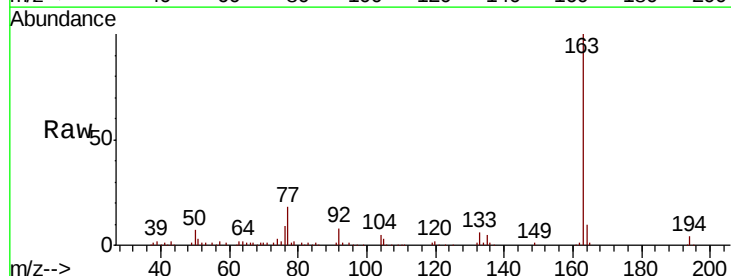
Instrument :
BNA_F
ClientSampleId :
TP-10D

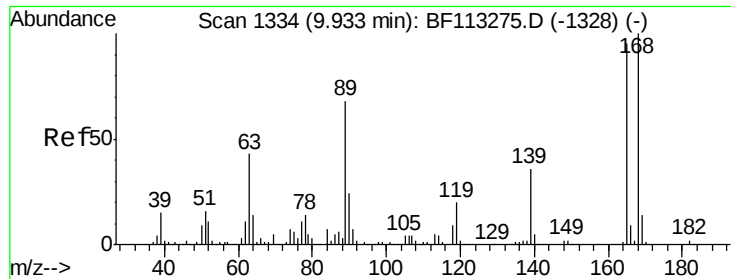
Tgt Ion:172 Resp: 1323328
Ion Ratio Lower Upper
172 100
171 36.1 29.0 43.6
170 24.3 19.5 29.3



#50
Dimethylphthalate
Concen: 7.931 ng
RT: 9.44 min Scan# 1250
Delta R.T. -0.03 min
Lab File: BF113522.D
Acq: 2 Apr 2019 23:09

Tgt Ion:163 Resp: 130991
Ion Ratio Lower Upper
163 100
194 4.3 3.0 4.6
164 10.2 8.1 12.1

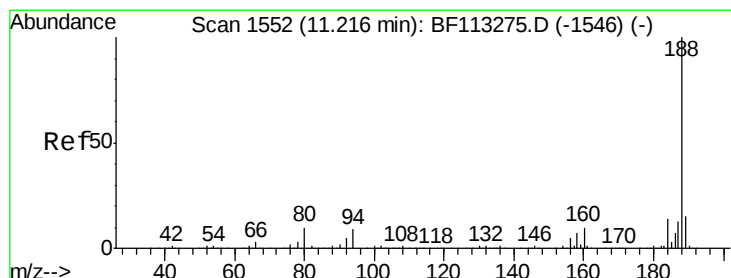
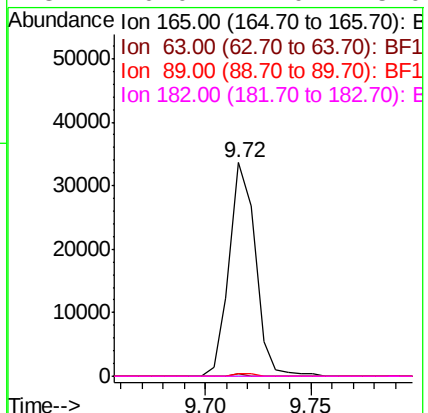
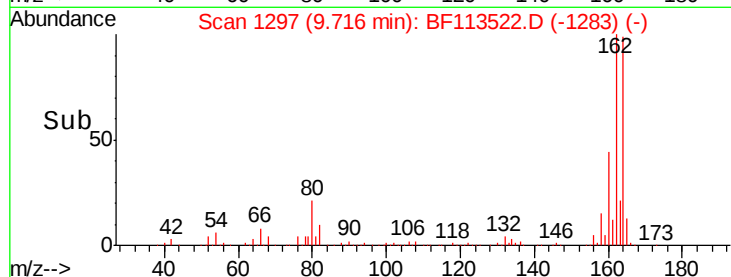
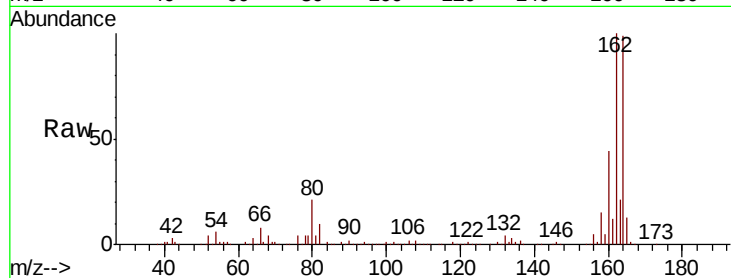




#57
 2,4-Dinitrotoluene
 Concen: 6.099 ng
 RT: 9.72 min Scan# 1297
 Delta R.T. -0.22 min
 Lab File: BF113522.D
 Acq: 2 Apr 2019 23:09

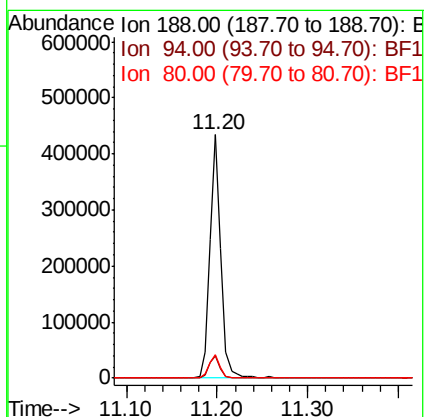
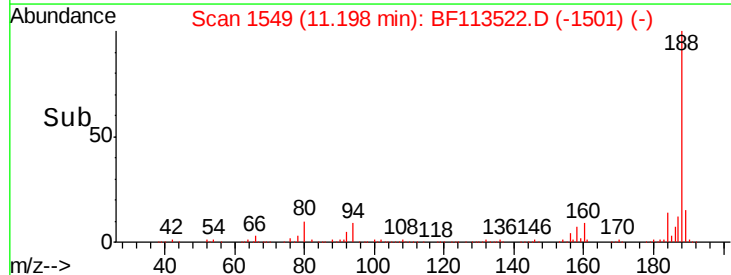
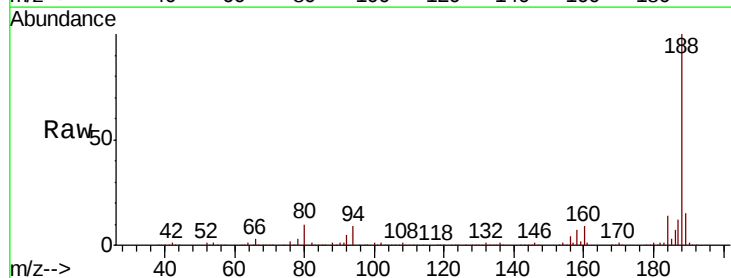
Instrument :
 BNA_F
 ClientSampled :
 TP-10D

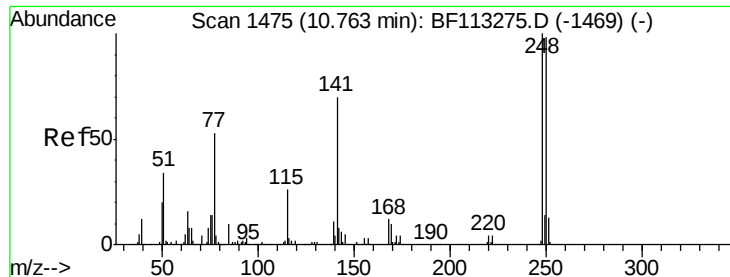
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.0	37.5	56.3#
89	1.4	57.4	86.2#
182	0.0	2.0	3.0#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.20 min Scan# 1549
 Delta R.T. -0.02 min
 Lab File: BF113522.D
 Acq: 2 Apr 2019 23:09

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.1	7.0	10.6
80	9.7	7.7	11.5

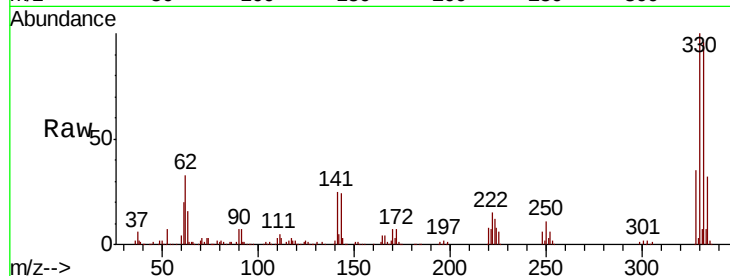




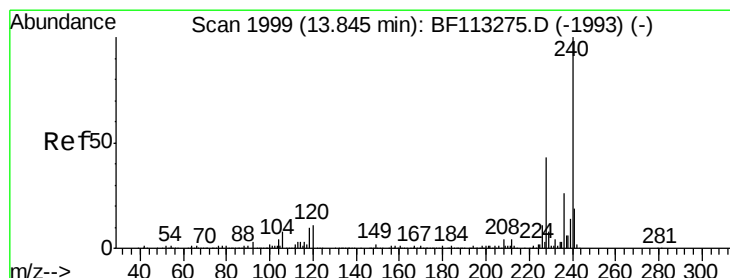
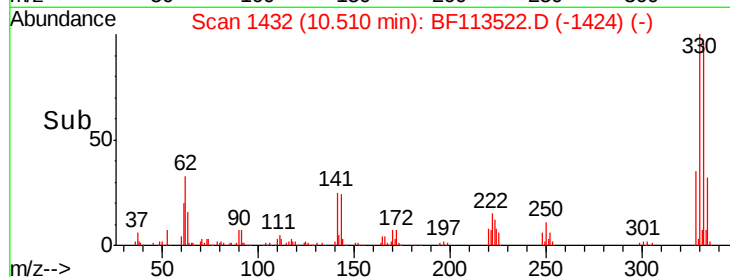
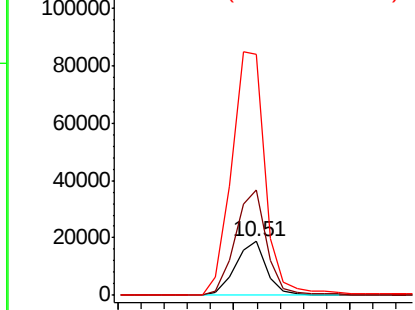
#67
 4-Bromophenyl-phenylether
 Concen: 4.347 ng
 RT: 10.51 min Scan# 1432
 Delta R.T. -0.25 min
 Lab File: BF113522.D
 Acq: 2 Apr 2019 23:09

Instrument :
 BNA_F
 ClientSampled :
 TP-10D

Tgt Ion:248 Resp: 17549
 Ion Ratio Lower Upper
 248 100
 250 195.8 78.3 117.5#
 141 450.8 56.2 84.4#

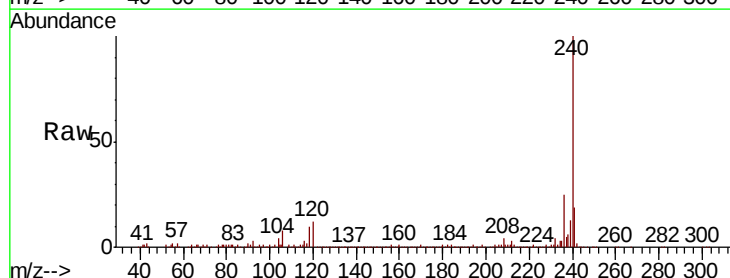


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

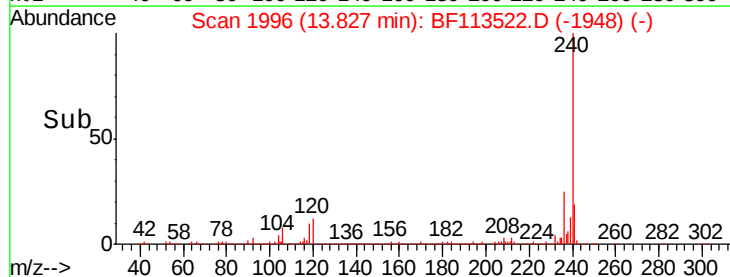
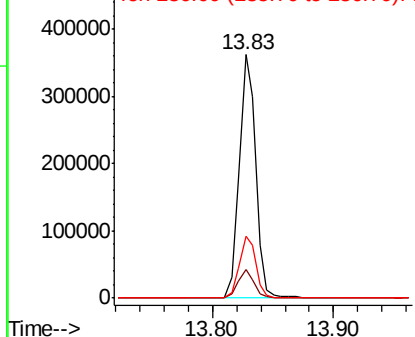


#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.83 min Scan# 1996
 Delta R.T. -0.02 min
 Lab File: BF113522.D
 Acq: 2 Apr 2019 23:09

Tgt Ion:240 Resp: 345936
 Ion Ratio Lower Upper
 240 100
 120 11.9 8.8 13.2
 236 25.4 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: 72.158 ng

RT: 12.78 min Scan# 1818

Delta R.T. -0.02 min

Lab File: BF113522.D

Acq: 2 Apr 2019 23:09

Instrument :

BNA_F

ClientSampleId :

TP-10D

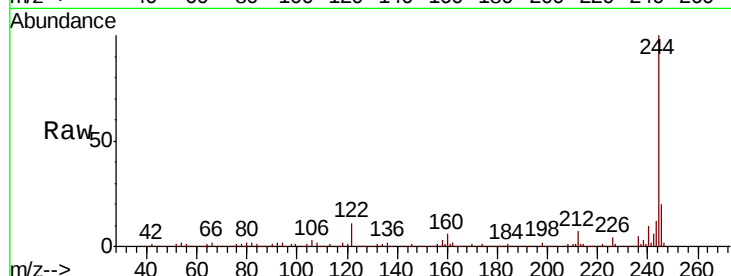
Tgt Ion:244 Resp: 1132499

Ion Ratio Lower Upper

244 100

212 6.6 5.5 8.3

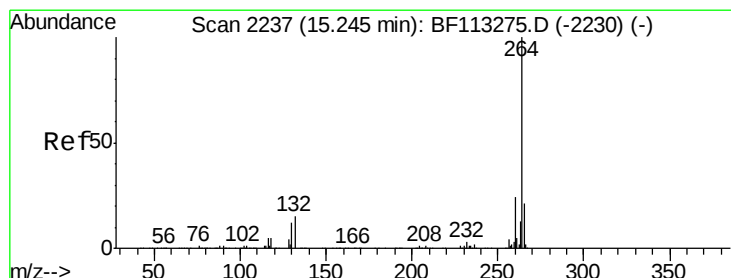
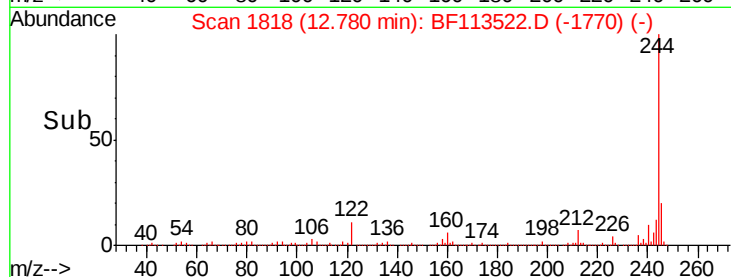
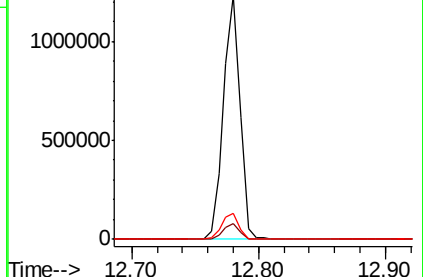
122 10.9 8.6 13.0



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

Perylene-d12

Concen: 20.000 ng

RT: 15.23 min Scan# 2235

Delta R.T. -0.01 min

Lab File: BF113522.D

Acq: 2 Apr 2019 23:09

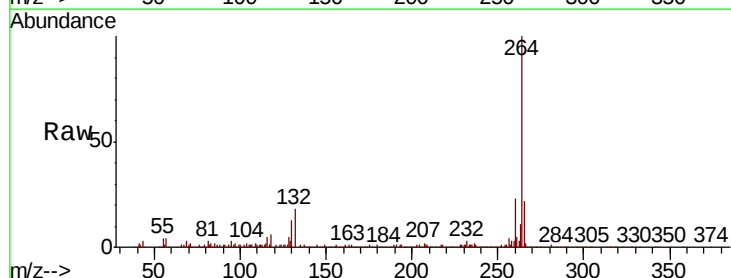
Tgt Ion:264 Resp: 304480

Ion Ratio Lower Upper

264 100

260 23.5 19.1 28.7

265 21.6 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

