

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040319\
 Data File : BF113569.D
 Acq On : 4 Apr 2019 3:49
 Operator : JU/SJ
 Sample : K2178-02 5X
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 04 04:30:12 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 04 04:05:31 2019
 Response via : Initial Calibration

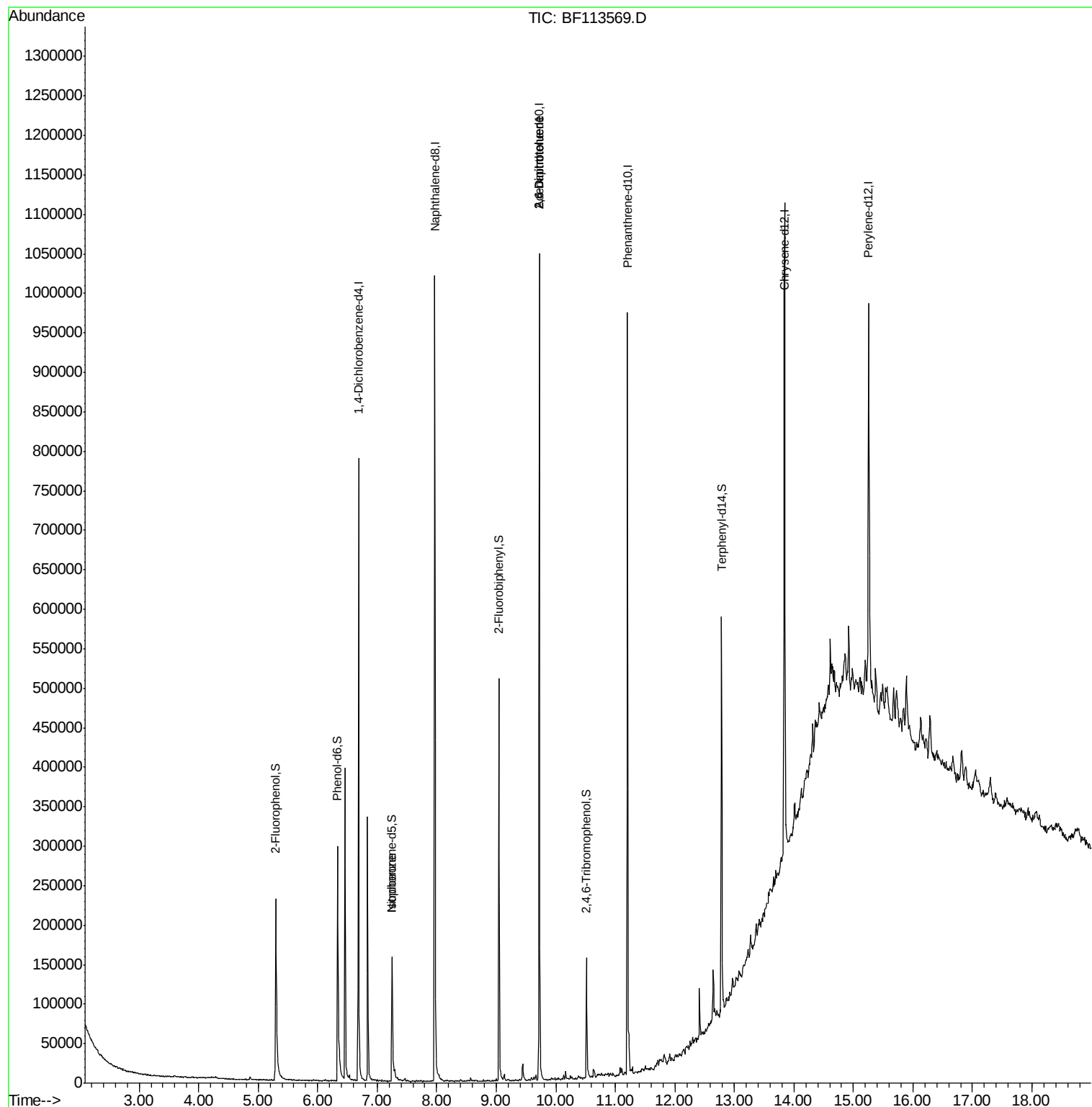
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.69	152	127503	20.00	ng	0.00
21) Naphthalene-d8	7.97	136	466871	20.00	ng	0.00
39) Acenaphthene-d10	9.72	164	197000	20.00	ng	0.00
64) Phenanthrene-d10	11.20	188	367112	20.00	ng	0.00
76) Chrysene-d12	13.84	240	292920	20.00	ng	0.00
87) Perylene-d12	15.26	264	217199	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	101134	13.53	ng	0.00
7) Phenol-d6	6.33	99	144608	15.69	ng	0.00
23) Nitrobenzene-d5	7.25	82	73556	9.23	ng	-0.01
42) 2,4,6-Tribromophenol	10.52	330	24479	10.34	ng	0.00
45) 2-Fluorobiphenyl	9.05	172	162929	13.31	ng	0.00
79) Terphenyl-d14	12.79	244	164560	11.44	ng	0.00
Target Compounds						
25) Isophorone	7.25	82	73555	4.791	ng	# 64
51) 2,6-Dinitrotoluene	9.72	165	24913	7.783	ng	# 25
57) 2,4-Dinitrotoluene	9.72	165	24913	6.435	ng	# 22

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

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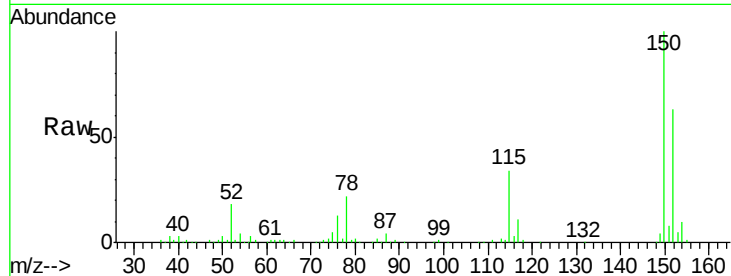


#1

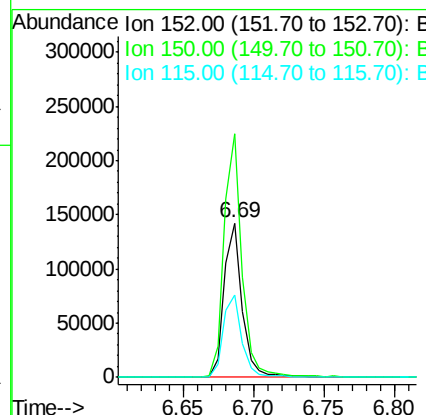
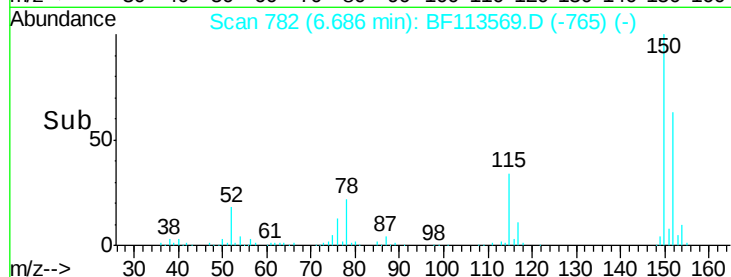
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.69 min Scan# 782
Delta R.T. -0.00 min
Lab File: BF113569.D
Acq: 4 Apr 2019 3:49

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.8	124.7	187.1
115	53.8	46.0	69.0



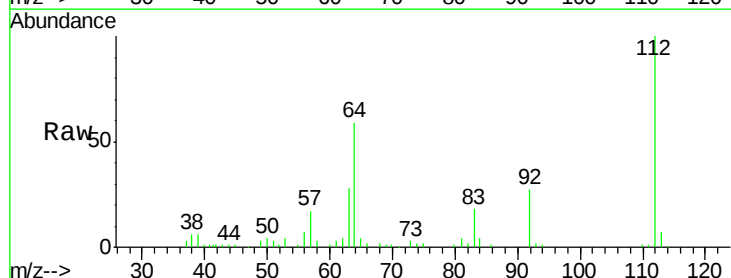
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



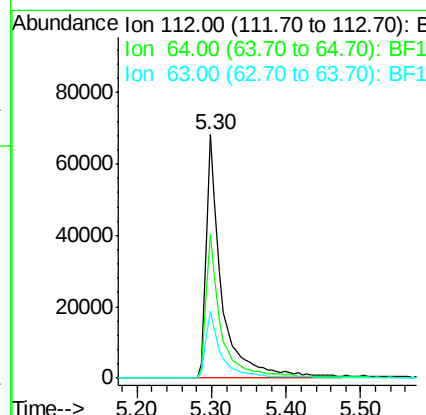
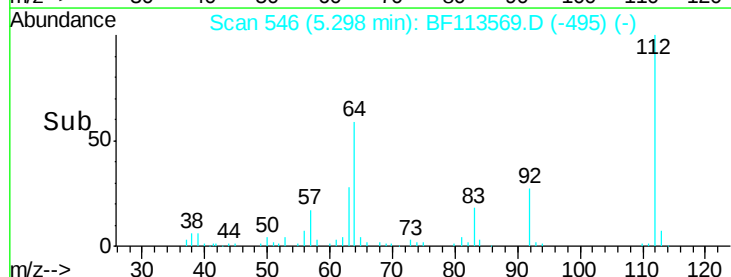
#5

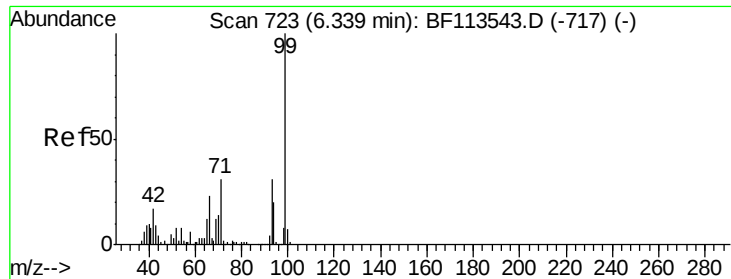
2-Fluorophenol
Concen: 13.526 ng
RT: 5.30 min Scan# 546
Delta R.T. -0.00 min
Lab File: BF113569.D
Acq: 4 Apr 2019 3:49

Tgt Ion	Ratio	Lower	Upper
112	100		
64	59.3	49.2	73.8
63	27.7	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: 15.692 ng

RT: 6.33 min Scan# 722

Delta R.T. -0.01 min

Lab File: BF113569.D

Acq: 4 Apr 2019 3:49

Instrument :

BNA_F

ClientSampleId :

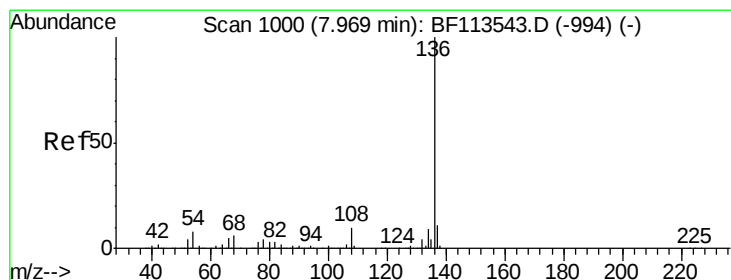
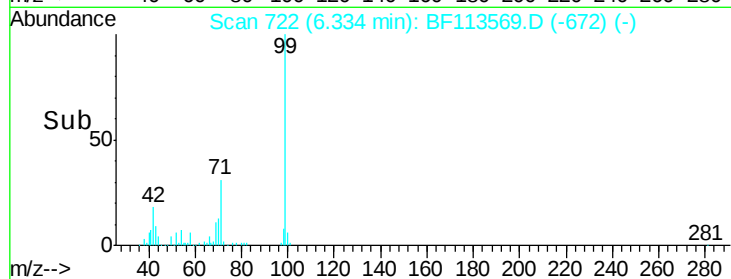
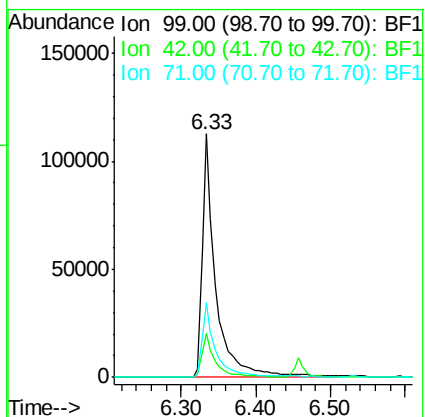
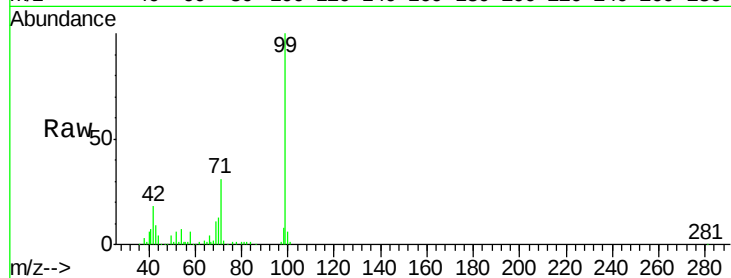
Tot Ion: 99 Resp: 144608

Ion Ratio Lower Upper

99 100

42 17.9 14.8 22.2

71 30.6 24.9 37.3



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.97 min Scan# 1000

Delta R.T. -0.00 min

Lab File: BF113569.D

Acq: 4 Apr 2019 3:49

Tgt Ion: 136 Resp: 466871

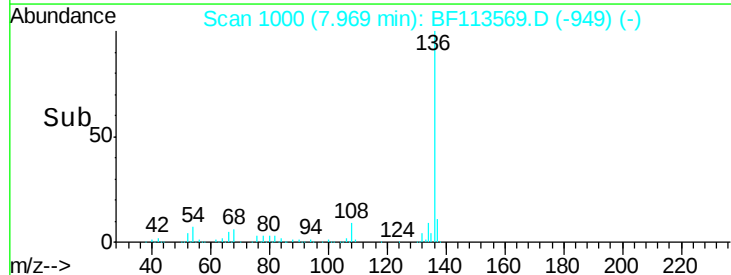
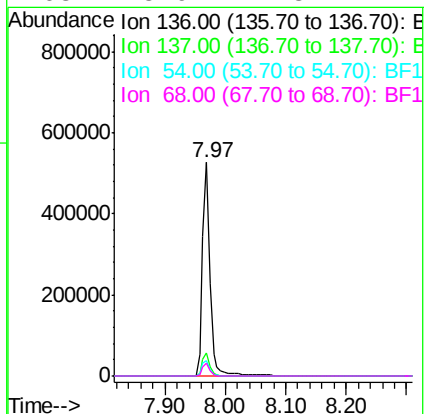
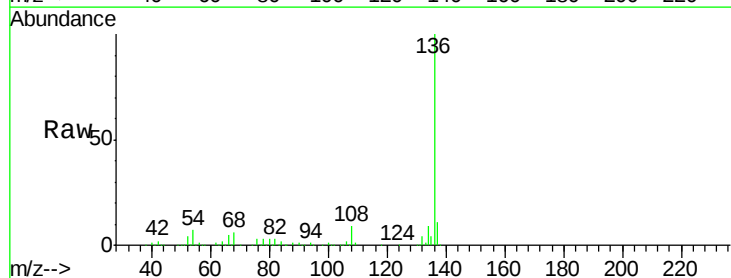
Ion Ratio Lower Upper

136 100

137 10.8 8.9 13.3

54 7.5 7.0 10.6

68 5.9 4.8 7.2

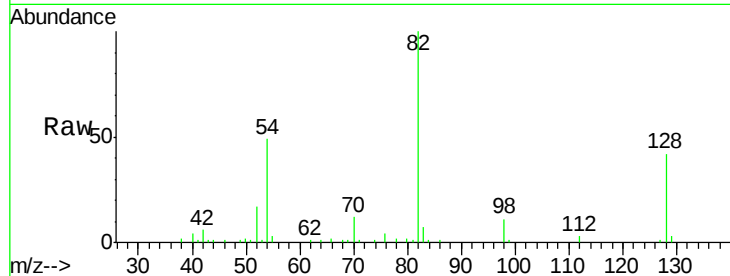




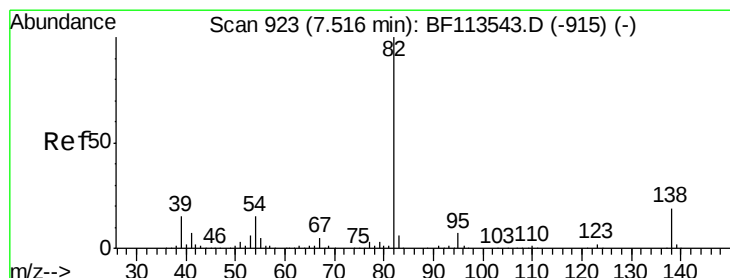
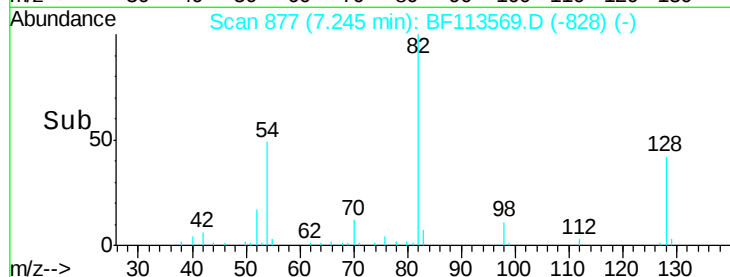
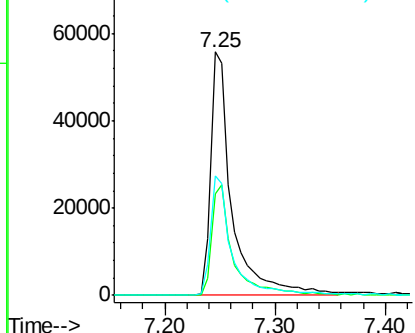
#23
 Nitrobenzene-d5
 Concen: 9.229 ng
 RT: 7.25 min Scan# 877
 Delta R.T. -0.01 min
 Lab File: BF113569.D
 Acq: 4 Apr 2019 3:49

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 82 Resp: 73556
 Ion Ratio Lower Upper
 82 100
 128 42.0 36.5 54.7
 54 49.2 42.2 63.2

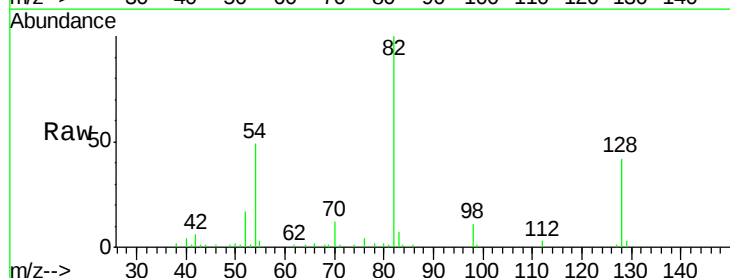


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

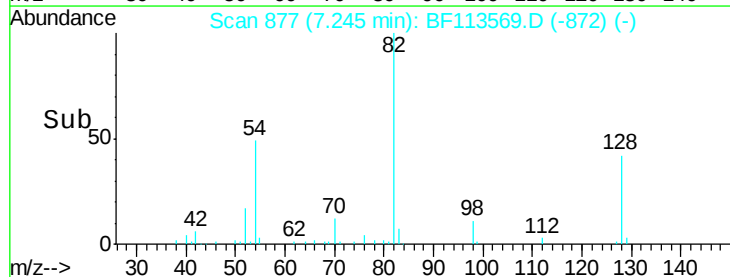
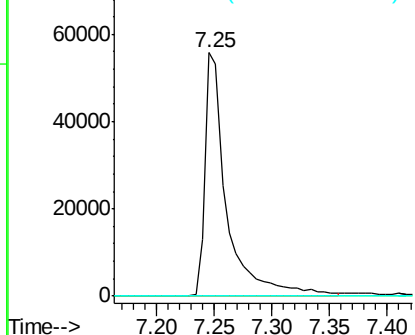


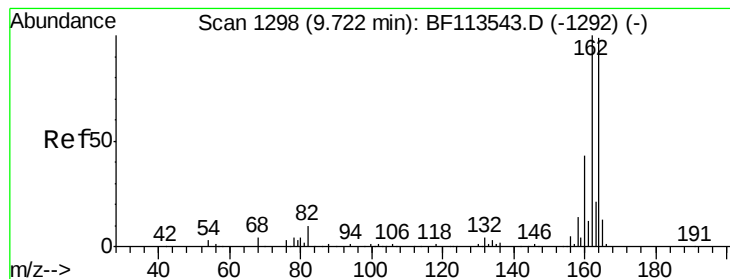
#25
 Isophorone
 Concen: 4.791 ng
 RT: 7.25 min Scan# 877
 Delta R.T. -0.27 min
 Lab File: BF113569.D
 Acq: 4 Apr 2019 3:49

Tgt Ion: 82 Resp: 73555
 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# 1298

Delta R.T. -0.00 min

Lab File: BF113569.D

Acq: 4 Apr 2019 3:49

Instrument :

BNA_F

ClientSampleId :

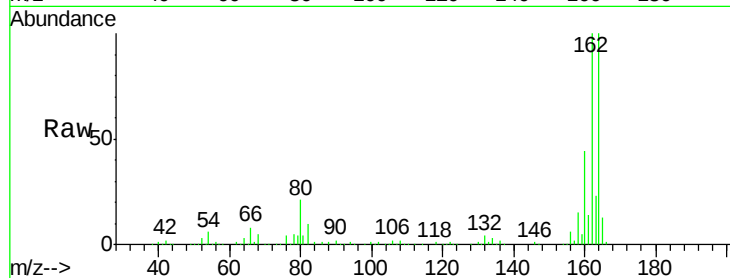
Tot Ion:164 Resp: 197000

Ion Ratio Lower Upper

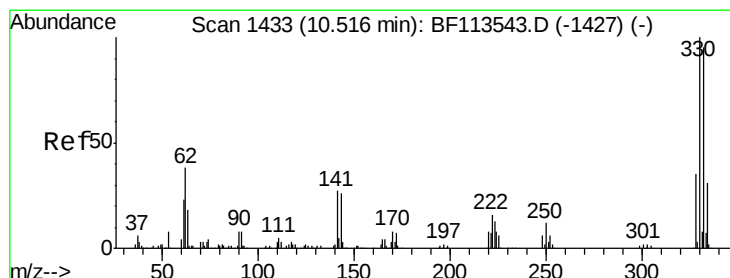
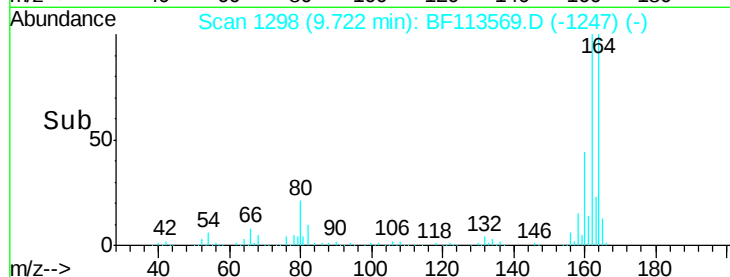
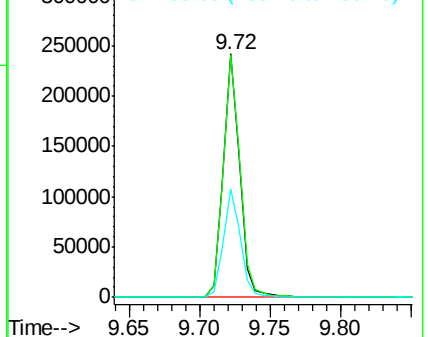
164 100

162 99.8 81.8 122.6

160 44.5 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: 10.344 ng

RT: 10.52 min Scan# 1433

Delta R.T. -0.00 min

Lab File: BF113569.D

Acq: 4 Apr 2019 3:49

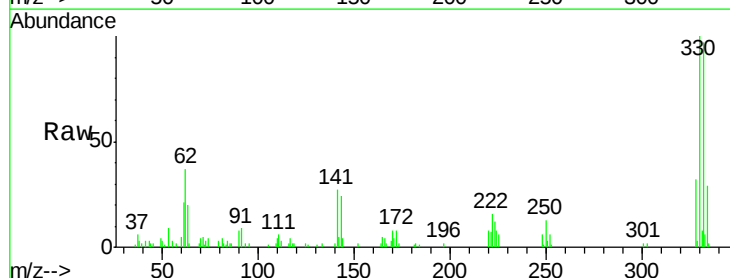
Tgt Ion:330 Resp: 24479

Ion Ratio Lower Upper

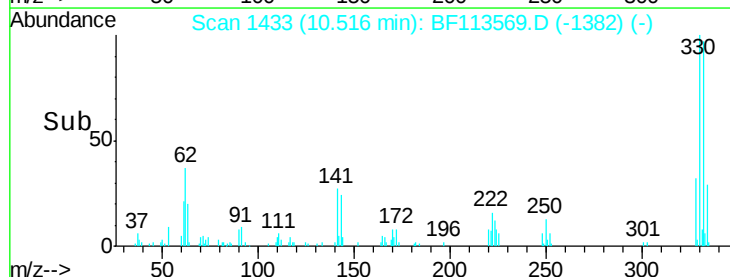
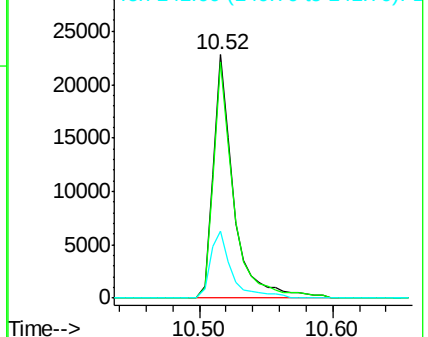
330 100

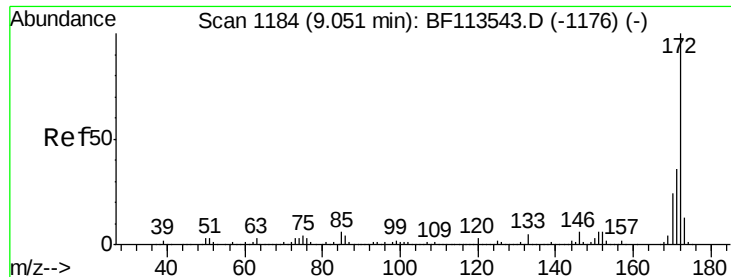
332 96.3 77.8 116.6

141 28.6 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

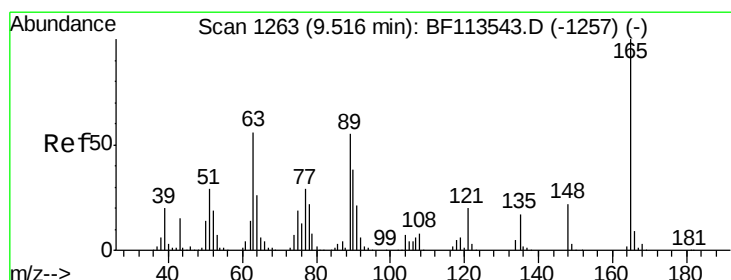
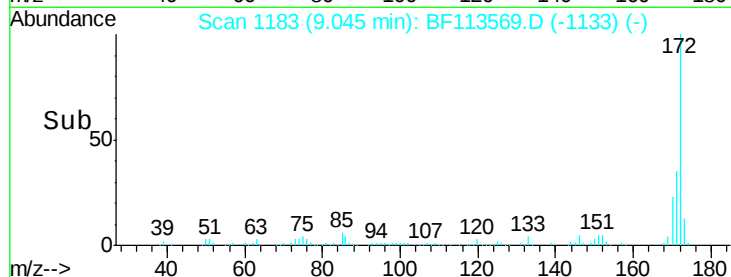
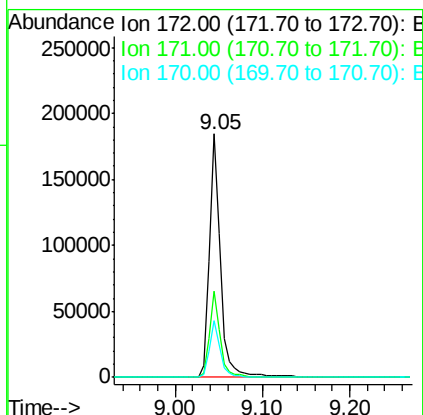
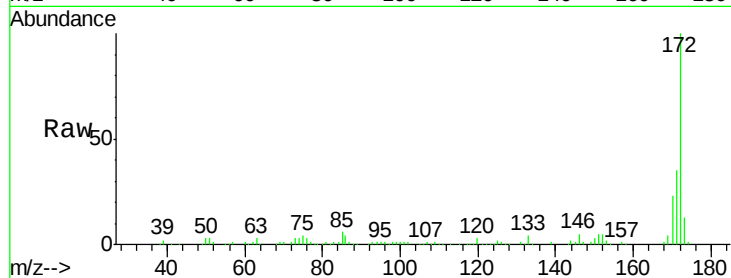




#45
 2-Fluorobiphenyl
 Concen: 13.315 ng
 RT: 9.05 min Scan# 1183
 Delta R.T. -0.01 min
 Lab File: BF113569.D
 Acq: 4 Apr 2019 3:49

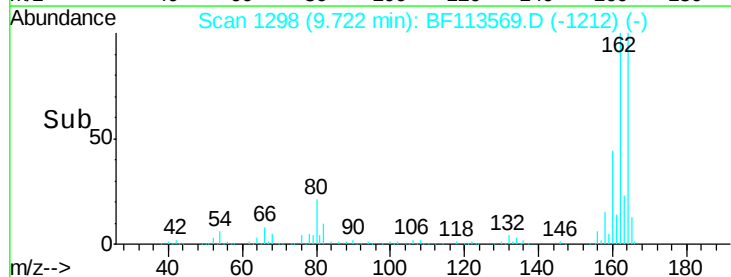
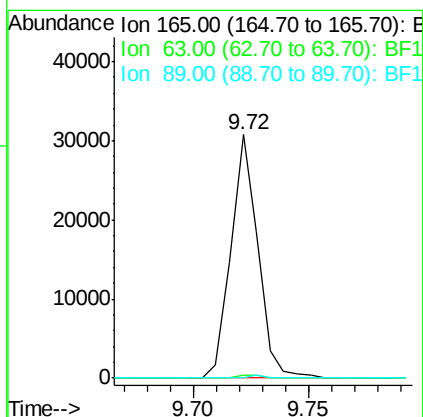
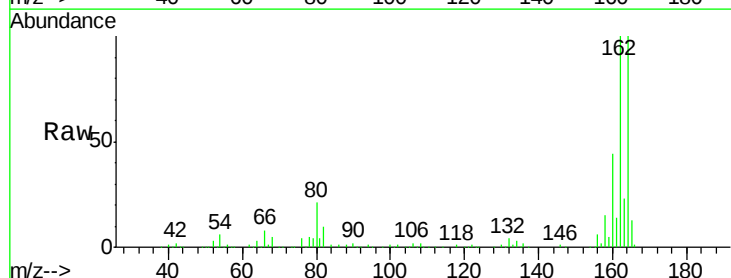
Instrument :
 BNA_F
 ClientSampleId :

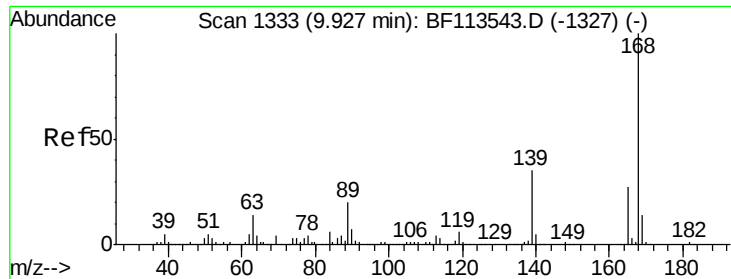
Tot Ion:172 Resp: 162929
 Ion Ratio Lower Upper
 172 100
 171 35.2 29.0 43.6
 170 23.3 19.5 29.3



#51
 2,6-Dinitrotoluene
 Concen: 7.783 ng
 RT: 9.72 min Scan# 1298
 Delta R.T. 0.21 min
 Lab File: BF113569.D
 Acq: 4 Apr 2019 3:49

Tgt Ion:165 Resp: 24913
 Ion Ratio Lower Upper
 165 100
 63 1.2 43.4 65.0#
 89 0.0 43.1 64.7#

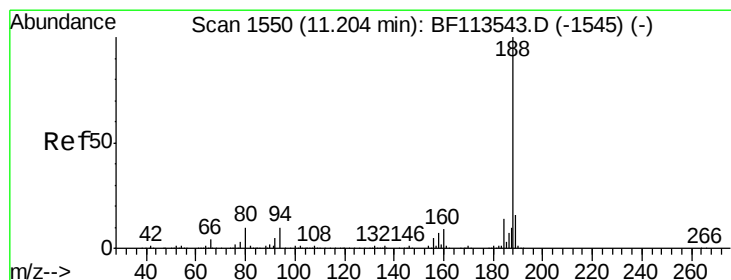
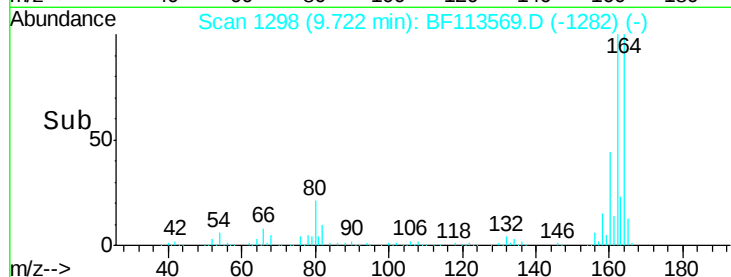
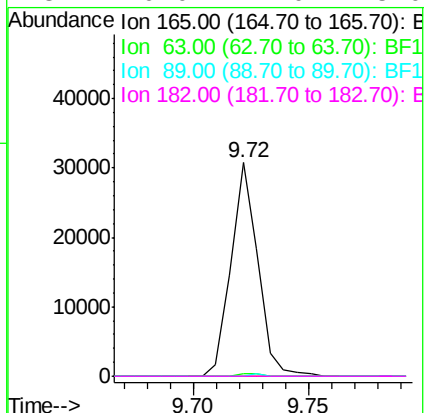
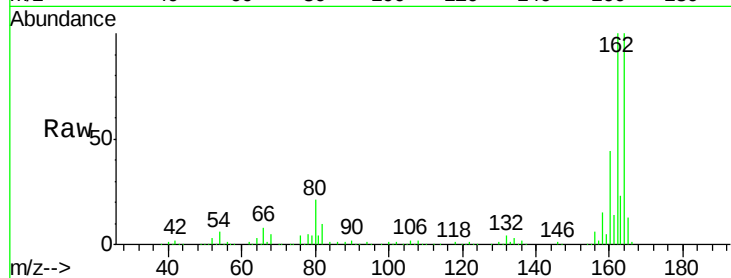




#57
 2,4-Dinitrotoluene
 Concen: 6.435 ng
 RT: 9.72 min Scan# 1298
 Delta R.T. -0.21 min
 Lab File: BF113569.D
 Acq: 4 Apr 2019 3:49

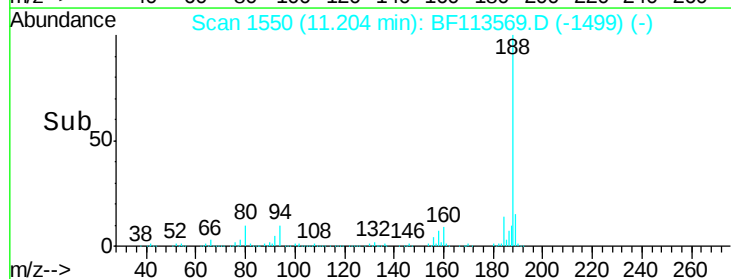
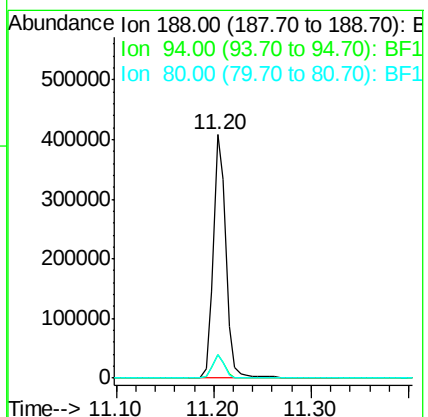
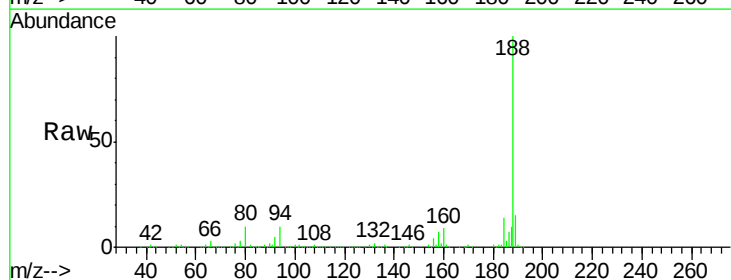
Instrument :
 BNA_F
 ClientSampleId :

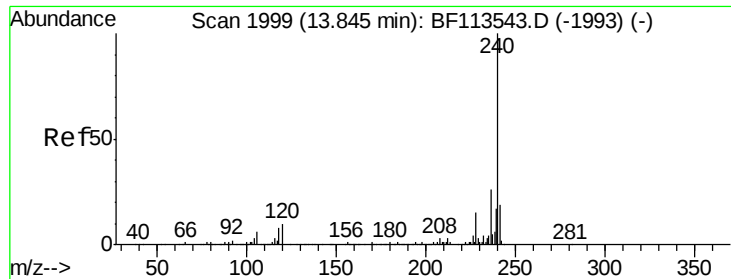
Tot Ion:165 Resp: 24913
 Ion Ratio Lower Upper
 165 100
 63 1.2 37.5 56.3#
 89 0.0 57.4 86.2#
 182 0.0 2.0 3.0#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.20 min Scan# 1550
 Delta R.T. -0.00 min
 Lab File: BF113569.D
 Acq: 4 Apr 2019 3:49

Tgt Ion:188 Resp: 367112
 Ion Ratio Lower Upper
 188 100
 94 9.6 7.0 10.6
 80 9.8 7.7 11.5

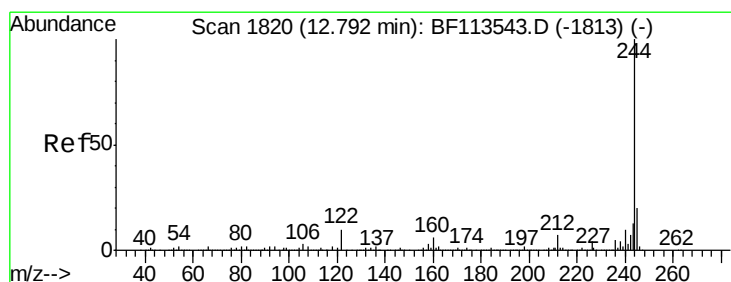
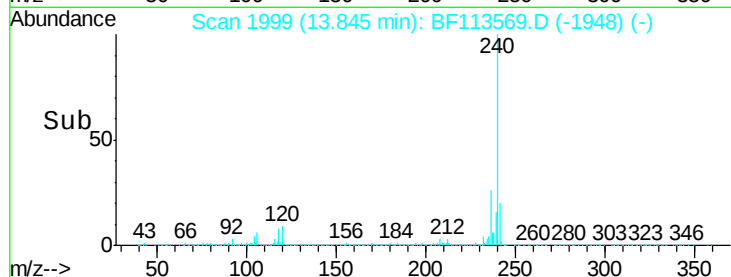
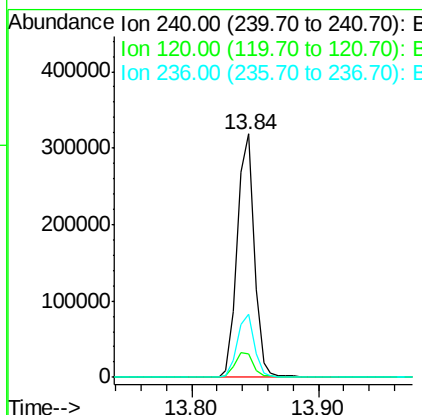
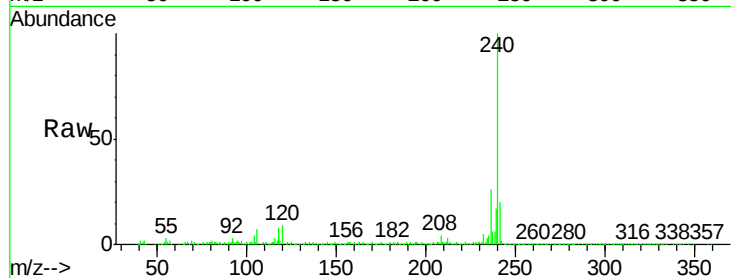




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.84 min Scan# 1999
Delta R.T. -0.00 min
Lab File: BF113569.D
Acq: 4 Apr 2019 3:49

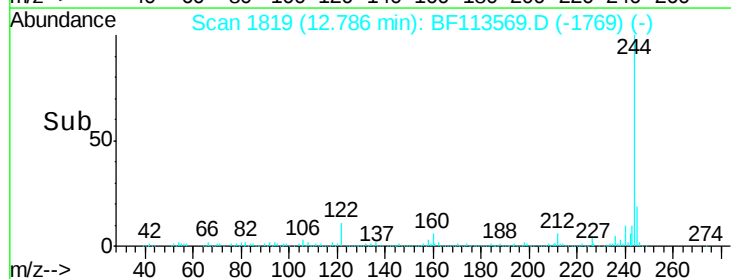
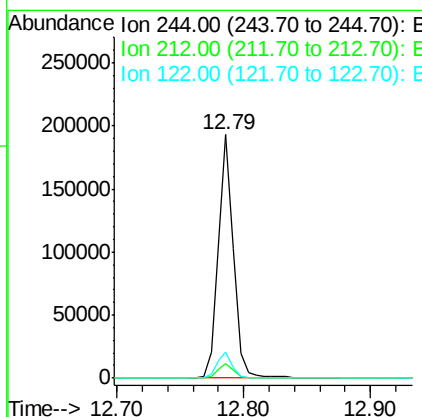
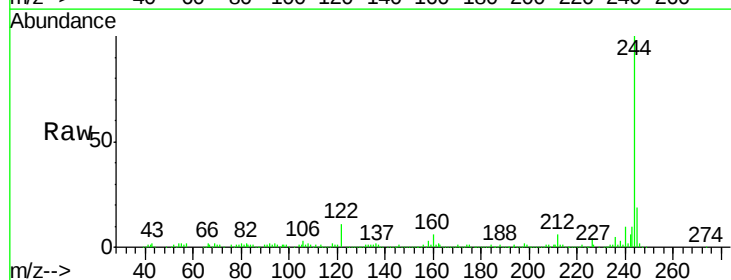
Instrument :
BNA_F
ClientSampleId :

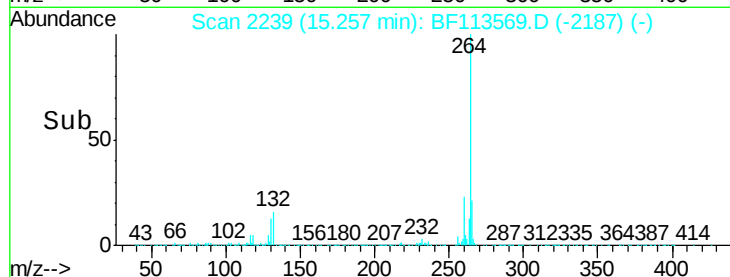
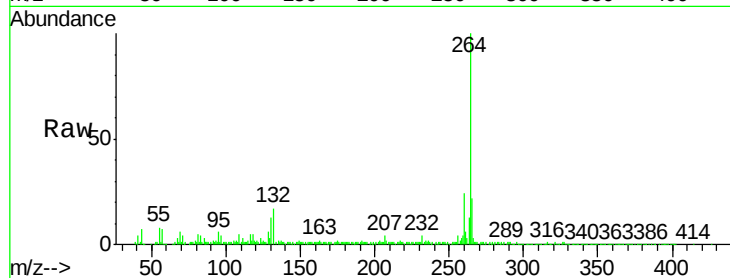
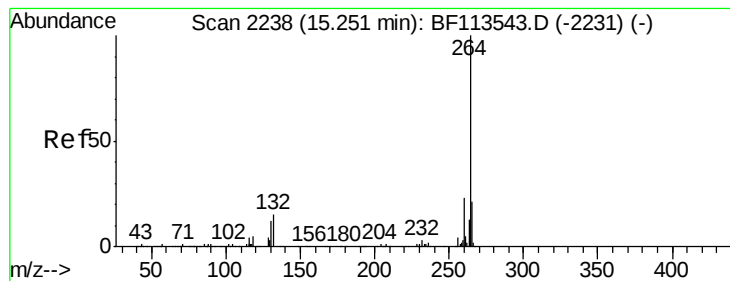
Tot Ion:240 Resp: 292920
Ion Ratio Lower Upper
240 100
120 9.5 8.8 13.2
236 25.7 20.9 31.3



#79
Terphenyl-d14
Concen: 11.438 ng
RT: 12.79 min Scan# 1819
Delta R.T. -0.01 min
Lab File: BF113569.D
Acq: 4 Apr 2019 3:49

Tgt Ion:244 Resp: 164560
Ion Ratio Lower Upper
244 100
212 5.9 5.5 8.3
122 10.8 8.6 13.0





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.26 min Scan# 2239

Delta R.T. 0.01 min

Lab File: BF113569.D

Acq: 4 Apr 2019 3:49

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 264 Resp: 217199

Ion Ratio Lower Upper

264 100

260 23.6 19.1 28.7

265 21.7 17.1 25.7

