

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041519\
 Data File : BF113783.D
 Acq On : 16 Apr 2019 00:52
 Operator : JU/SJ
 Sample : K2405-02 10X
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 16 02:08:25 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

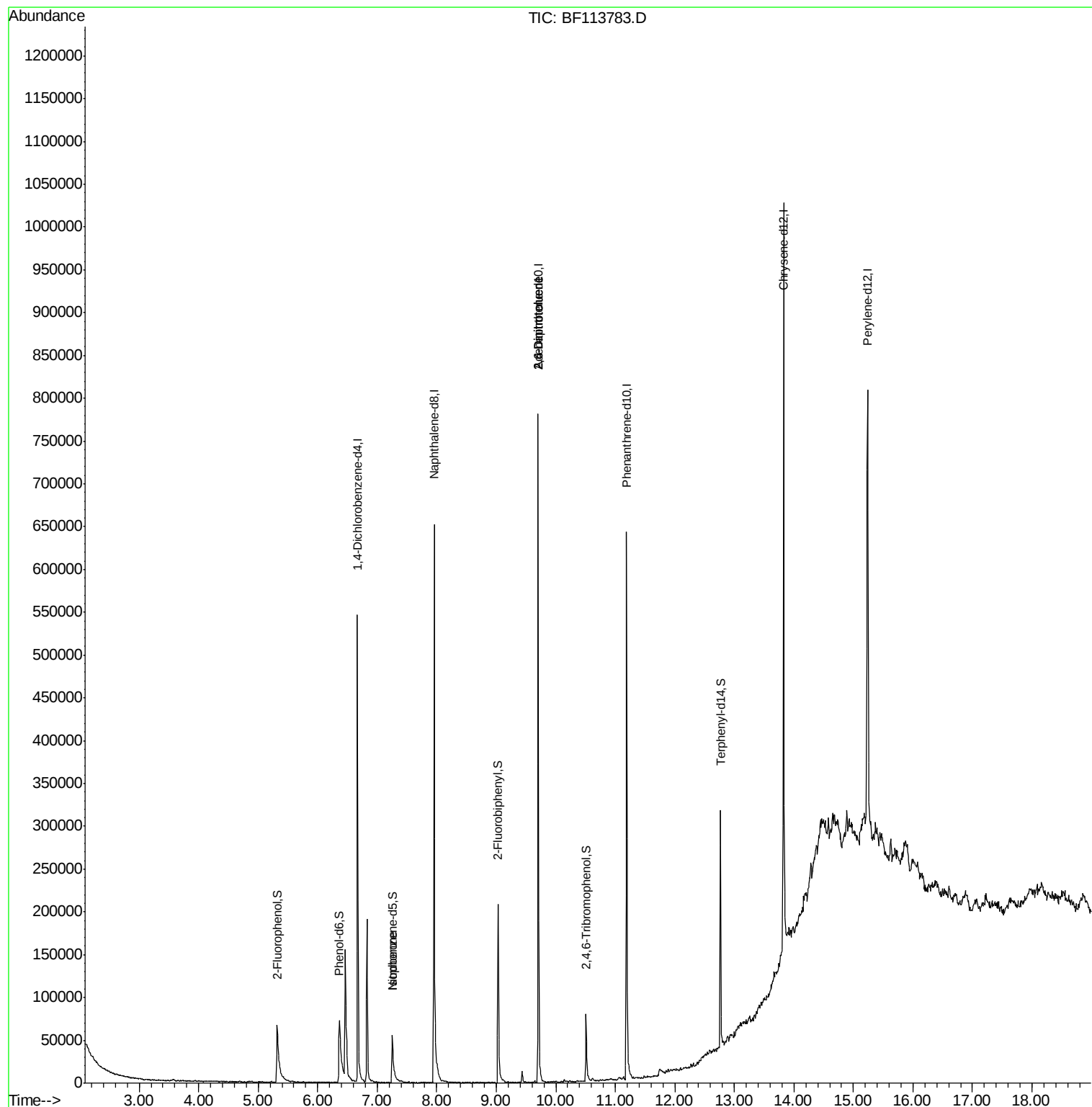
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.67	152	104239	20.00	ng	-0.01
21) Naphthalene-d8	7.96	136	397713	20.00	ng	-0.01
39) Acenaphthene-d10	9.70	164	171402	20.00	ng	-0.02
64) Phenanthrene-d10	11.19	188	310245	20.00	ng	-0.01
76) Chrysene-d12	13.83	240	309149	20.00	ng	-0.02
87) Perylene-d12	15.24	264	256218	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	59786	9.78	ng	0.02
7) Phenol-d6	6.36	99	82798	10.99	ng	0.02
23) Nitrobenzene-d5	7.25	82	47059	6.93	ng	0.00
42) 2,4,6-Tribromophenol	10.51	330	18453	8.96	ng	0.00
45) 2-Fluorobiphenyl	9.03	172	104625	9.83	ng	-0.02
79) Terphenyl-d14	12.77	244	105306	6.94	ng	-0.02
Target Compounds						
25) Isophorone	7.25	82	47059	3.598	ng	# 64
51) 2,6-Dinitrotoluene	9.70	165	21139	7.590	ng	# 25
57) 2,4-Dinitrotoluene	9.70	165	21139	6.276	ng	# 22

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

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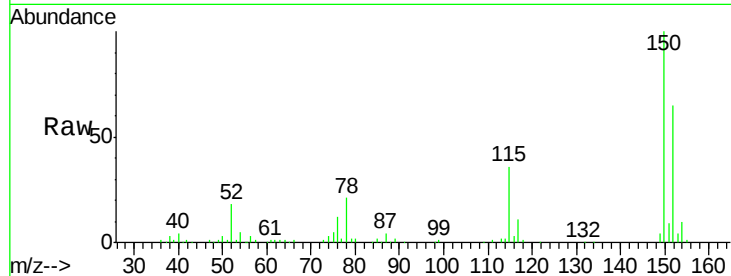


#1

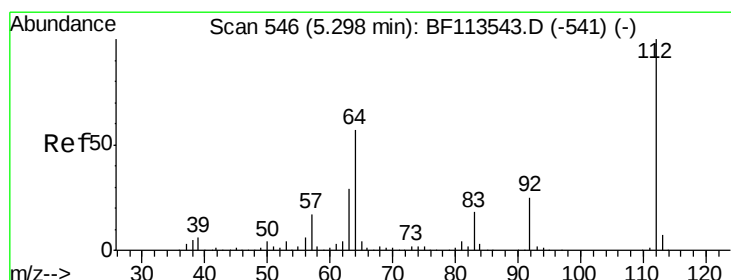
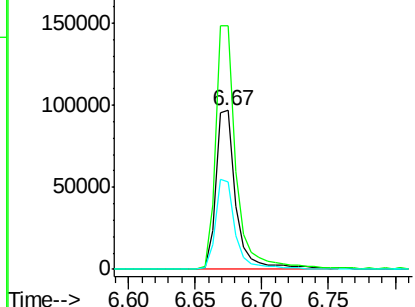
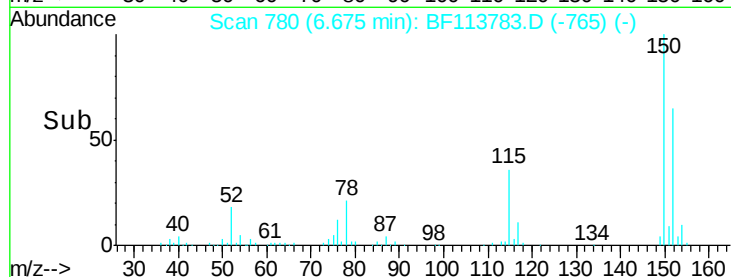
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.67 min Scan# 780
Delta R.T. -0.01 min
Lab File: BF113783.D
Acq: 16 Apr 2019 00:52

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 104239
Ion Ratio Lower Upper
152 100
150 153.4 124.7 187.1
115 55.4 46.0 69.0



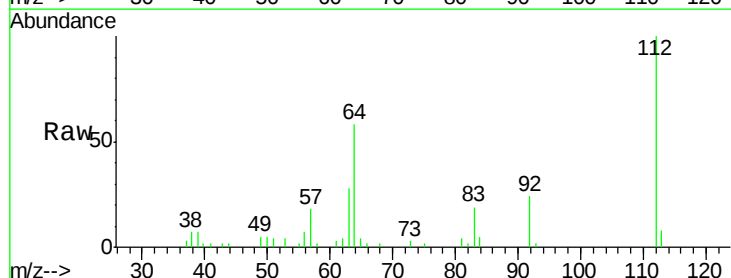
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



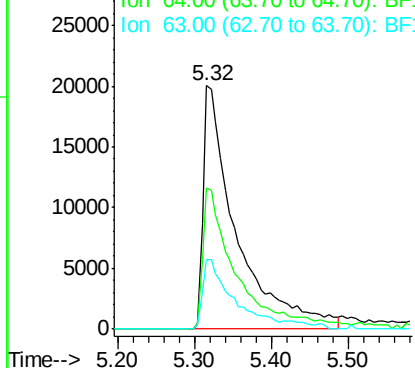
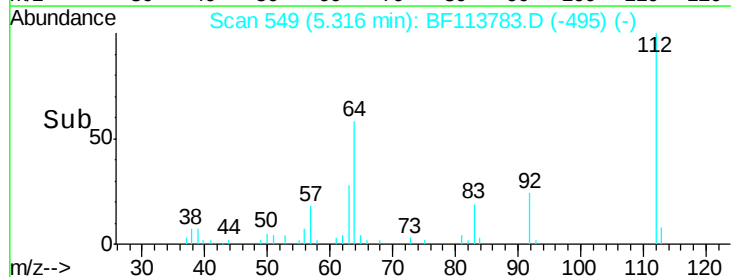
#5

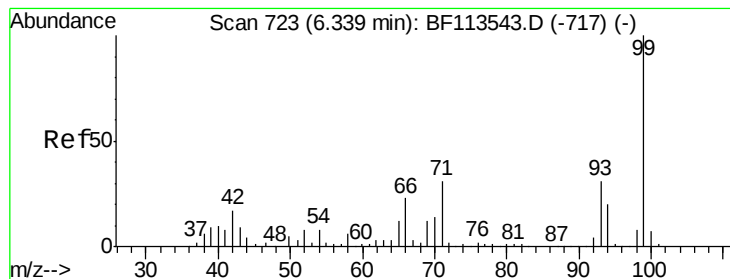
2-Fluorophenol
Concen: 9.780 ng
RT: 5.32 min Scan# 549
Delta R.T. 0.02 min
Lab File: BF113783.D
Acq: 16 Apr 2019 00:52

Tgt Ion:112 Resp: 59786
Ion Ratio Lower Upper
112 100
64 57.9 49.2 73.8
63 28.3 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: 10.990 ng

RT: 6.36 min Scan# 727

Delta R.T. 0.02 min

Lab File: BF113783.D

Acq: 16 Apr 2019 00:52

Instrument :

BNA_F

ClientSampleId :

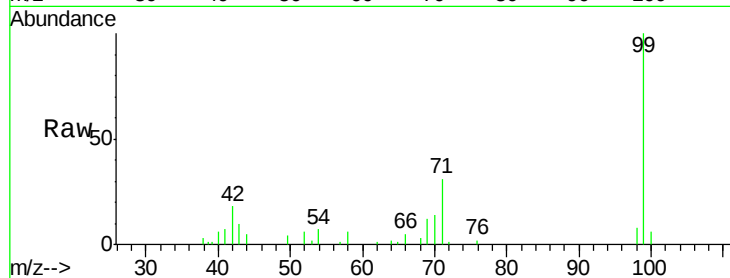
Tot Ion: 99 Resp: 82798

Ion Ratio Lower Upper

99 100

42 18.1 14.8 22.2

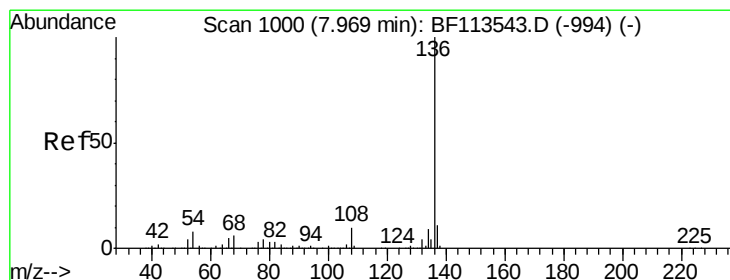
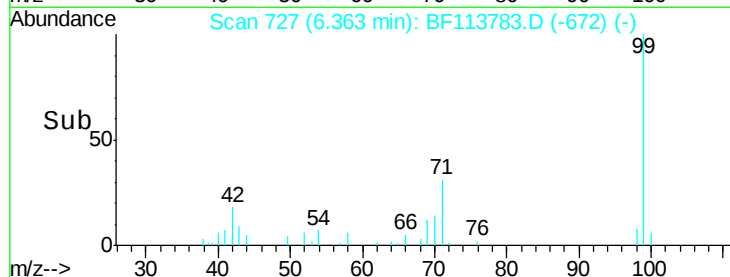
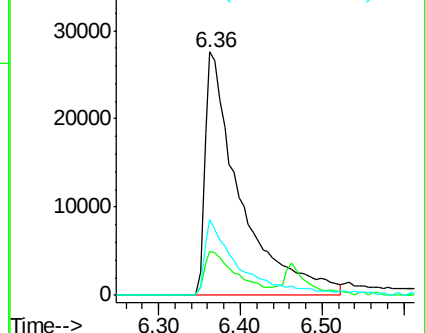
71 31.1 24.9 37.3



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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.96 min Scan# 998

Delta R.T. -0.01 min

Lab File: BF113783.D

Acq: 16 Apr 2019 00:52

Tgt Ion: 136 Resp: 397713

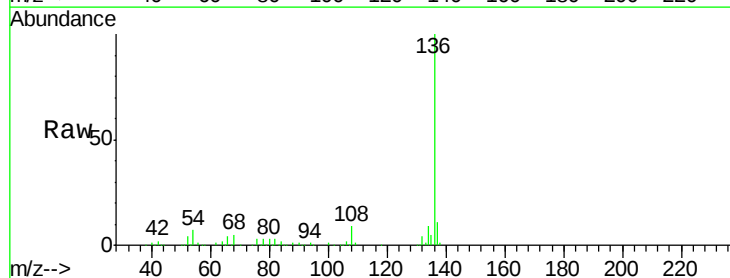
Ion Ratio Lower Upper

136 100

137 10.9 8.9 13.3

54 7.1 7.0 10.6

68 5.5 4.8 7.2

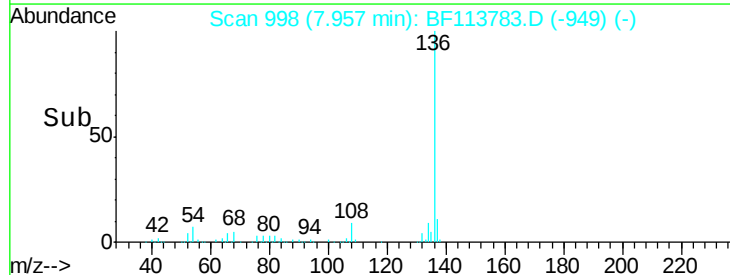
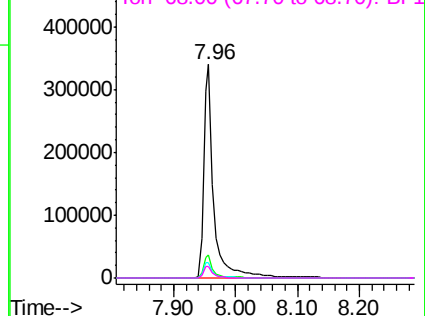


Abundance Ion 136.00 (135.70 to 136.70): E

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

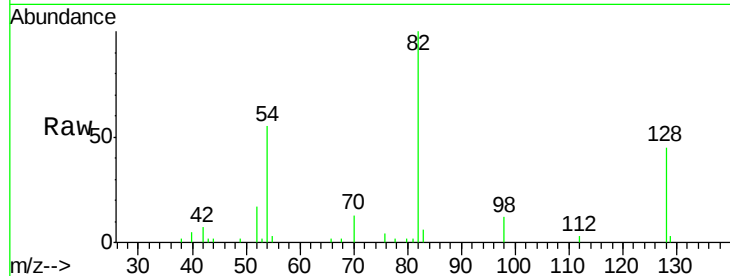




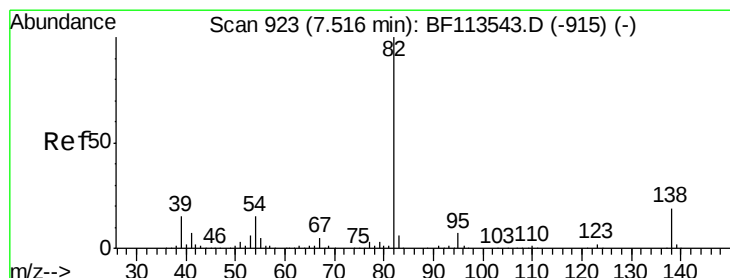
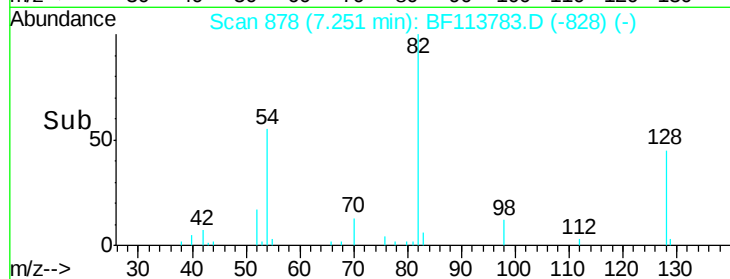
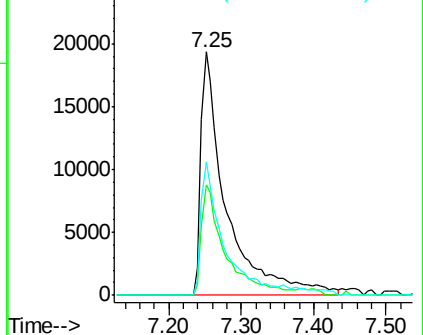
#23
Nitrobenzene-d5
Concen: 6.931 ng
RT: 7.25 min Scan# 878
Delta R.T. -0.01 min
Lab File: BF113783.D
Acq: 16 Apr 2019 00:52

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 82 Resp: 47059
Ion Ratio Lower Upper
82 100
128 45.4 36.5 54.7
54 54.8 42.2 63.2

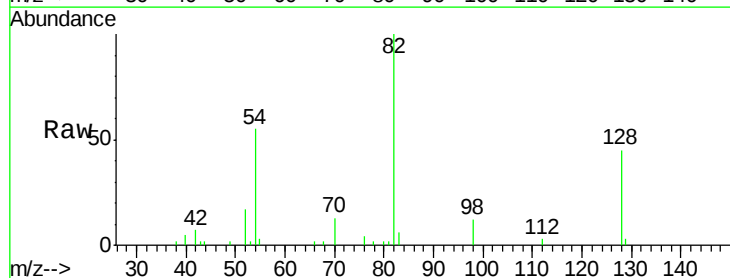


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

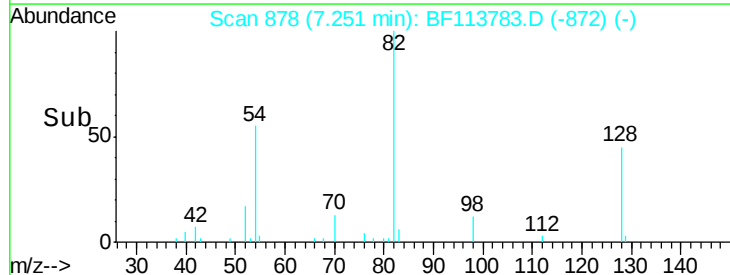
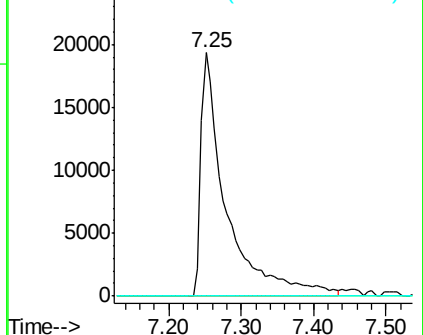


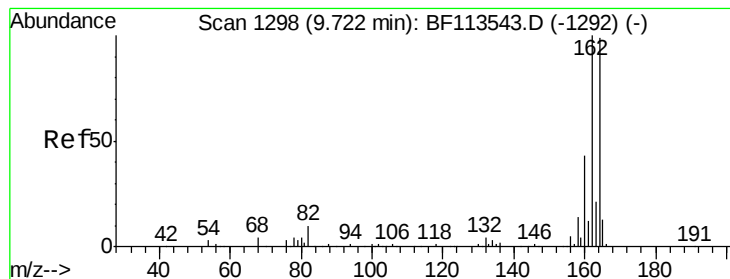
#25
Isophorone
Concen: 3.598 ng
RT: 7.25 min Scan# 878
Delta R.T. -0.26 min
Lab File: BF113783.D
Acq: 16 Apr 2019 00:52

Tgt Ion: 82 Resp: 47059
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: 9.70 min Scan# 1295

Delta R.T. -0.02 min

Lab File: BF113783.D

Acq: 16 Apr 2019 00:52

Instrument :

BNA_F

ClientSampleId :

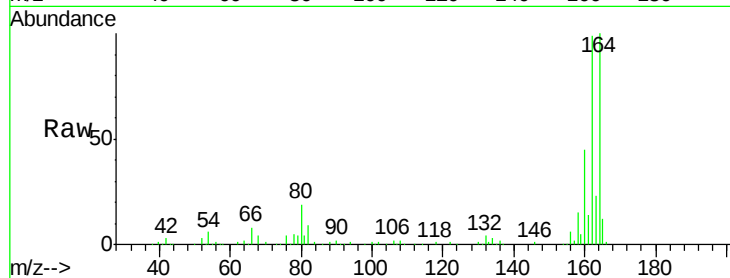
Tot Ion:164 Resp: 171402

Ion Ratio Lower Upper

164 100

162 99.0 81.8 122.6

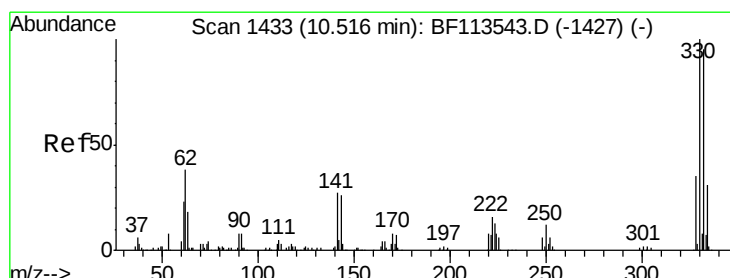
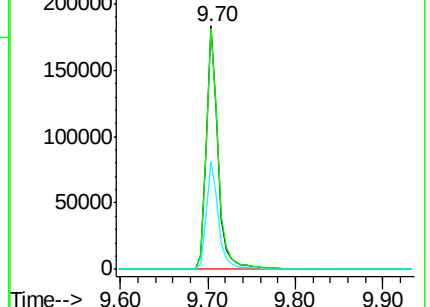
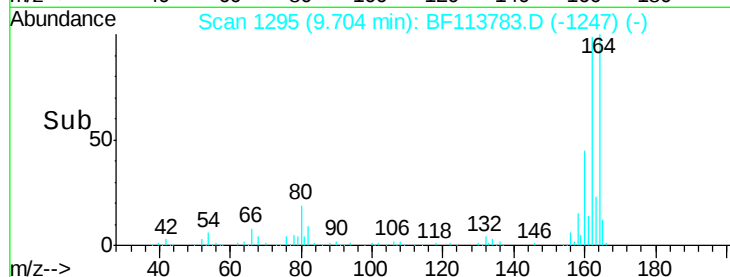
160 44.6 36.4 54.6



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: 8.962 ng

RT: 10.51 min Scan# 1432

Delta R.T. -0.01 min

Lab File: BF113783.D

Acq: 16 Apr 2019 00:52

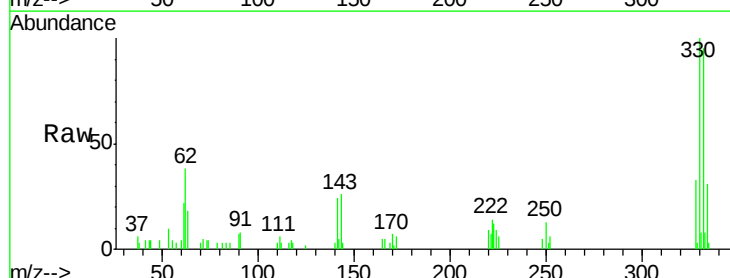
Tgt Ion:330 Resp: 18453

Ion Ratio Lower Upper

330 100

332 95.9 77.8 116.6

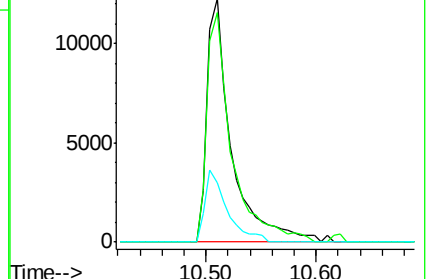
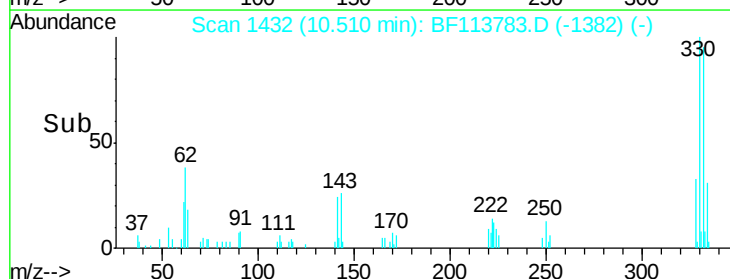
141 26.4 22.7 34.1

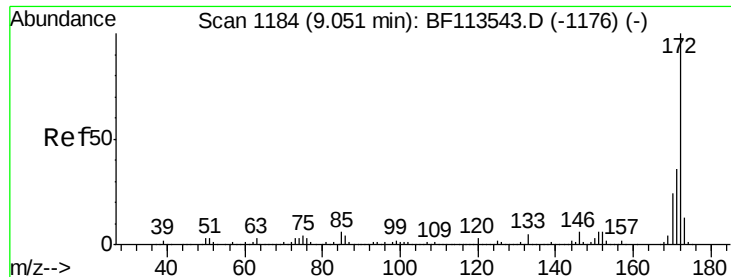


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

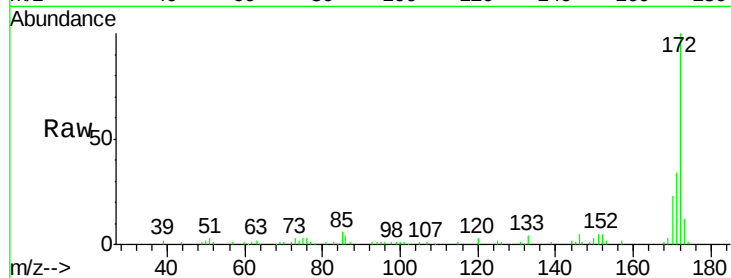




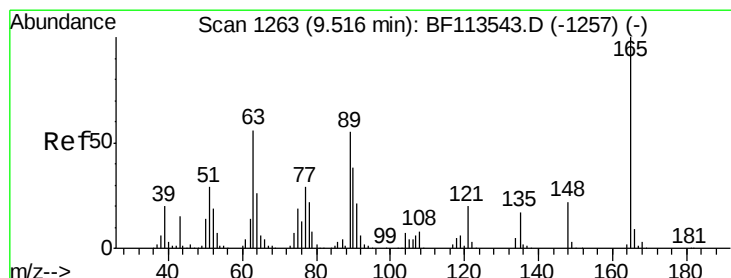
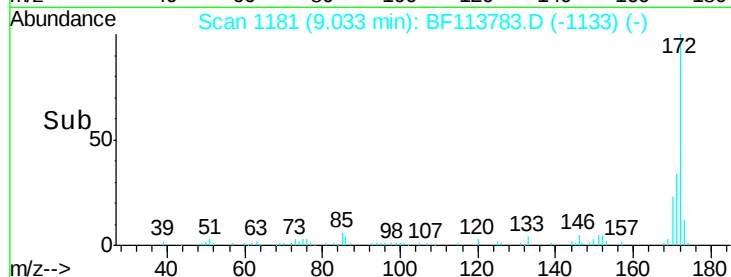
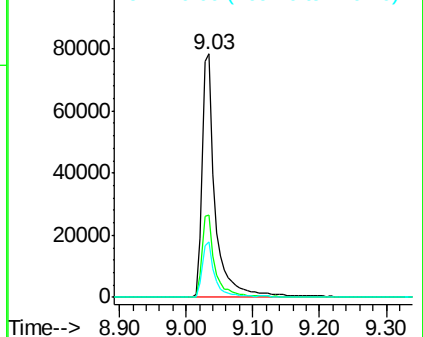
#45
 2-Fluorobiphenyl
 Concen: 9.827 ng
 RT: 9.03 min Scan# 1181
 Delta R.T. -0.02 min
 Lab File: BF113783.D
 Acq: 16 Apr 2019 00:52

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 104625
 Ion Ratio Lower Upper
 172 100
 171 33.6 29.0 43.6
 170 22.6 19.5 29.3

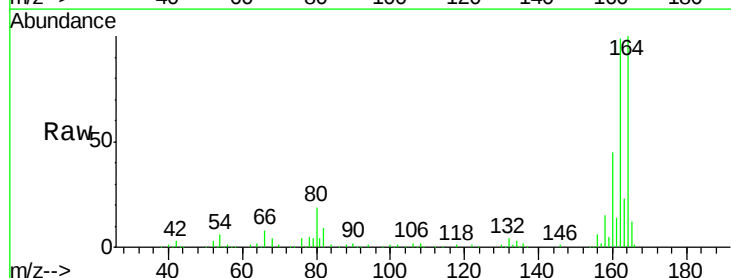


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

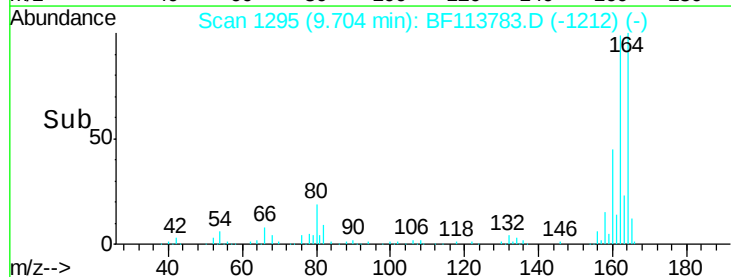
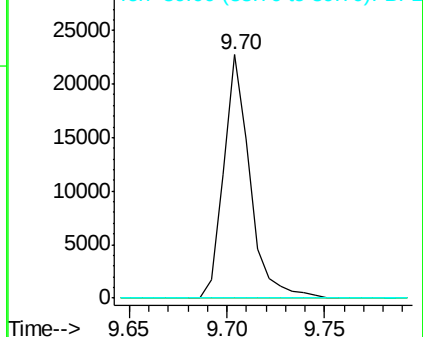


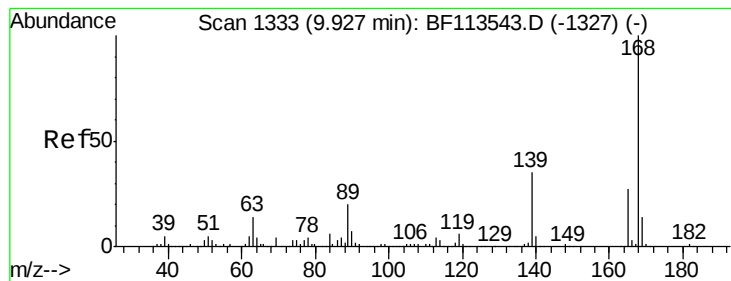
#51
 2,6-Dinitrotoluene
 Concen: 7.590 ng
 RT: 9.70 min Scan# 1295
 Delta R.T. 0.19 min
 Lab File: BF113783.D
 Acq: 16 Apr 2019 00:52

Tgt Ion:165 Resp: 21139
 Ion Ratio Lower Upper
 165 100
 63 0.0 43.4 65.0#
 89 0.0 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

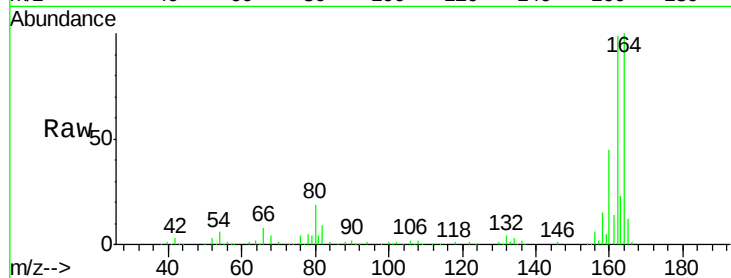




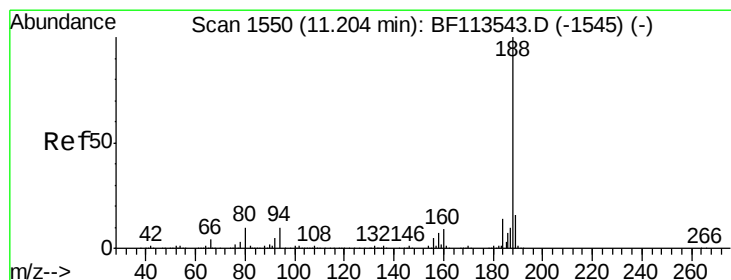
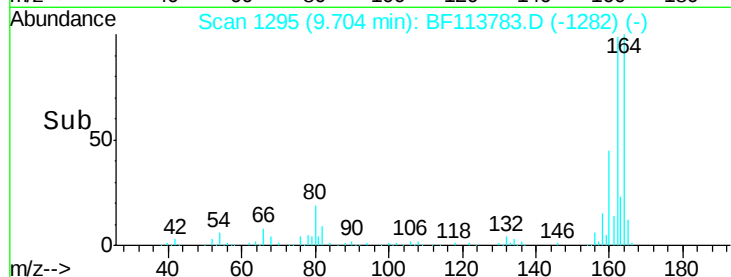
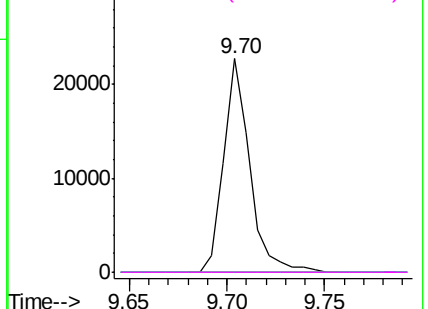
#57
 2,4-Dinitrotoluene
 Concen: 6.276 ng
 RT: 9.70 min Scan# 1295
 Delta R.T. -0.22 min
 Lab File: BF113783.D
 Acq: 16 Apr 2019 00:52

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:165 Resp: 21139
 Ion Ratio Lower Upper
 165 100
 63 0.0 37.5 56.3#
 89 0.0 57.4 86.2#
 182 0.0 2.0 3.0#

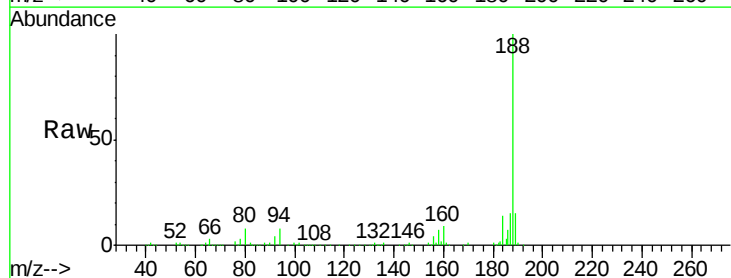


Abundance Ion 165.00 (164.70 to 165.70): E

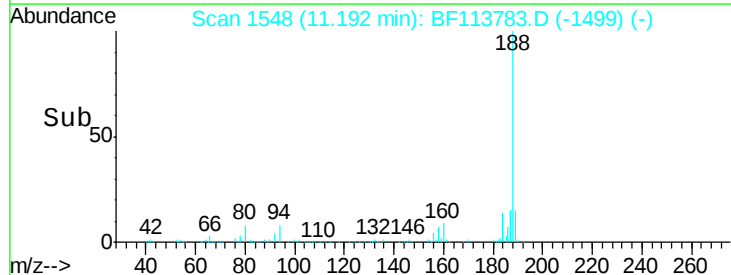
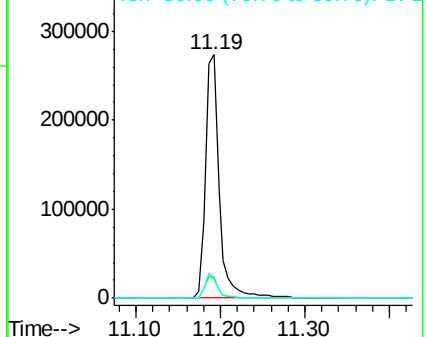


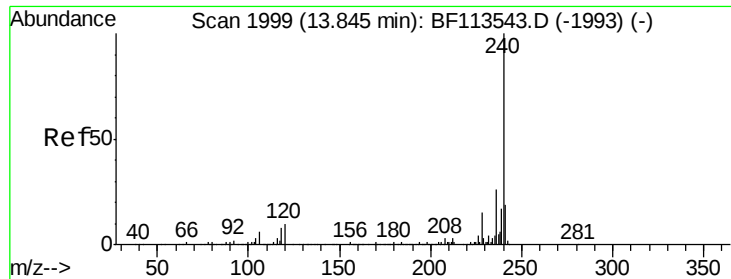
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.19 min Scan# 1548
 Delta R.T. -0.01 min
 Lab File: BF113783.D
 Acq: 16 Apr 2019 00:52

Tgt Ion:188 Resp: 310245
 Ion Ratio Lower Upper
 188 100
 94 8.1 7.0 10.6
 80 8.5 7.7 11.5



Abundance Ion 188.00 (187.70 to 188.70): E

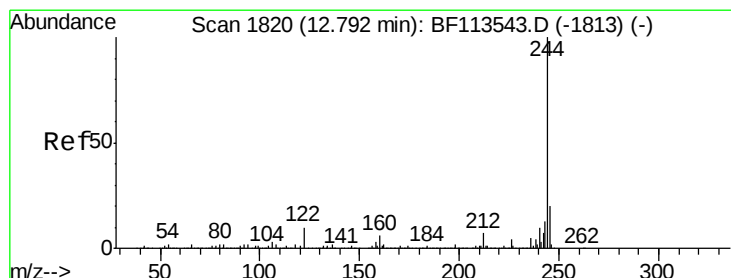
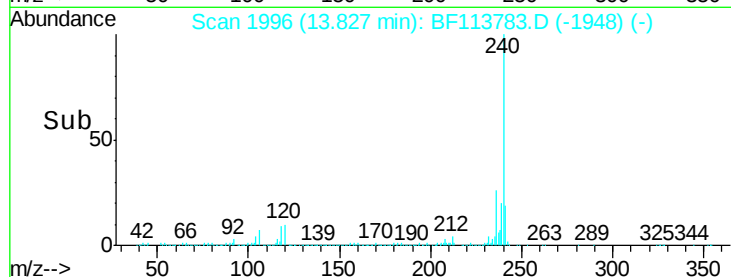
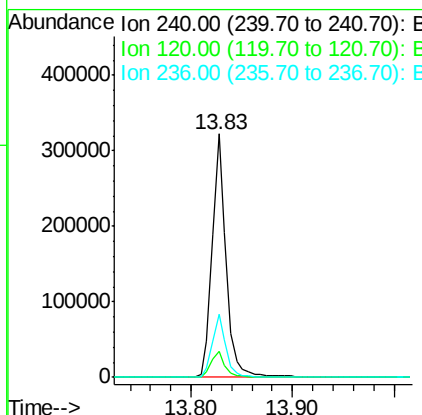
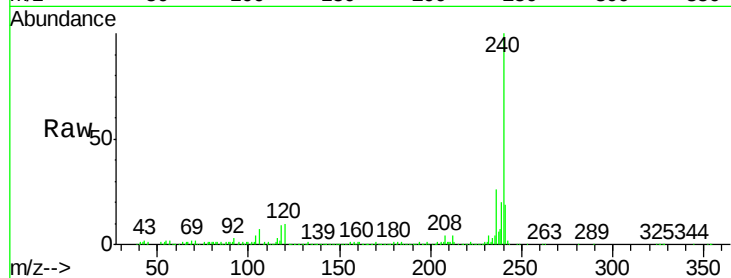




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.83 min Scan# 1996
 Delta R.T. -0.02 min
 Lab File: BF113783.D
 Acq: 16 Apr 2019 00:52

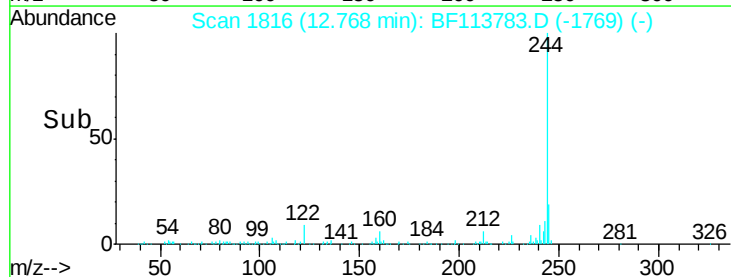
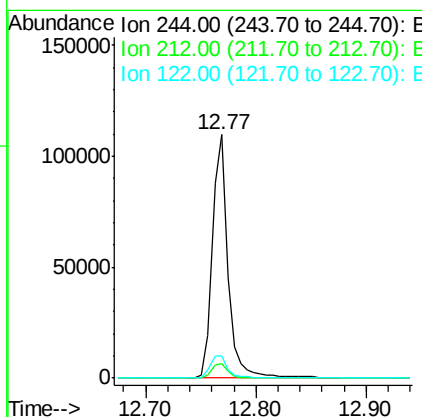
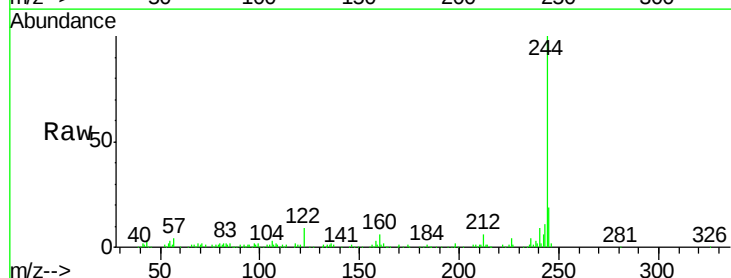
Instrument :
 BNA_F
 ClientSampleId :

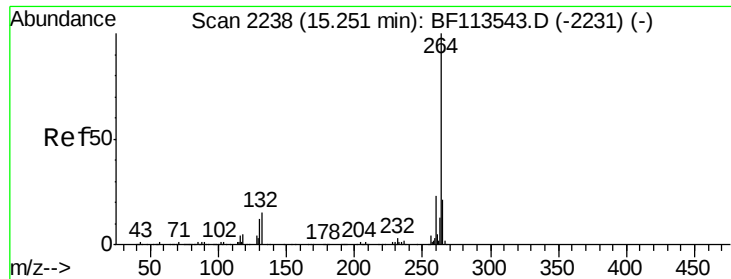
Tot Ion:240 Resp: 309149
 Ion Ratio Lower Upper
 240 100
 120 10.5 8.8 13.2
 236 25.8 20.9 31.3



#79
 Terphenyl-d14
 Concen: 6.935 ng
 RT: 12.77 min Scan# 1816
 Delta R.T. -0.02 min
 Lab File: BF113783.D
 Acq: 16 Apr 2019 00:52

Tgt Ion:244 Resp: 105306
 Ion Ratio Lower Upper
 244 100
 212 5.9 5.5 8.3
 122 8.9 8.6 13.0

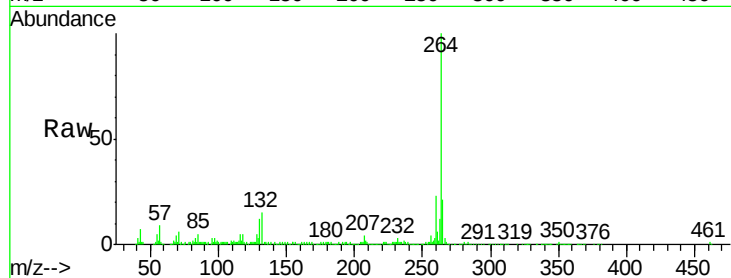




#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.24 min Scan# 2236
 Delta R.T. -0.01 min
 Lab File: BF113783.D
 Acq: 16 Apr 2019 00:52

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.1	28.7
265	21.0	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

