

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF040119\
 Data File : BF113477.D
 Acq On : 1 Apr 2019 20:15
 Operator : JU/SJ
 Sample : K1689-03 10X
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 NB-08-032919-A

Quant Time: Apr 02 01:10:04 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

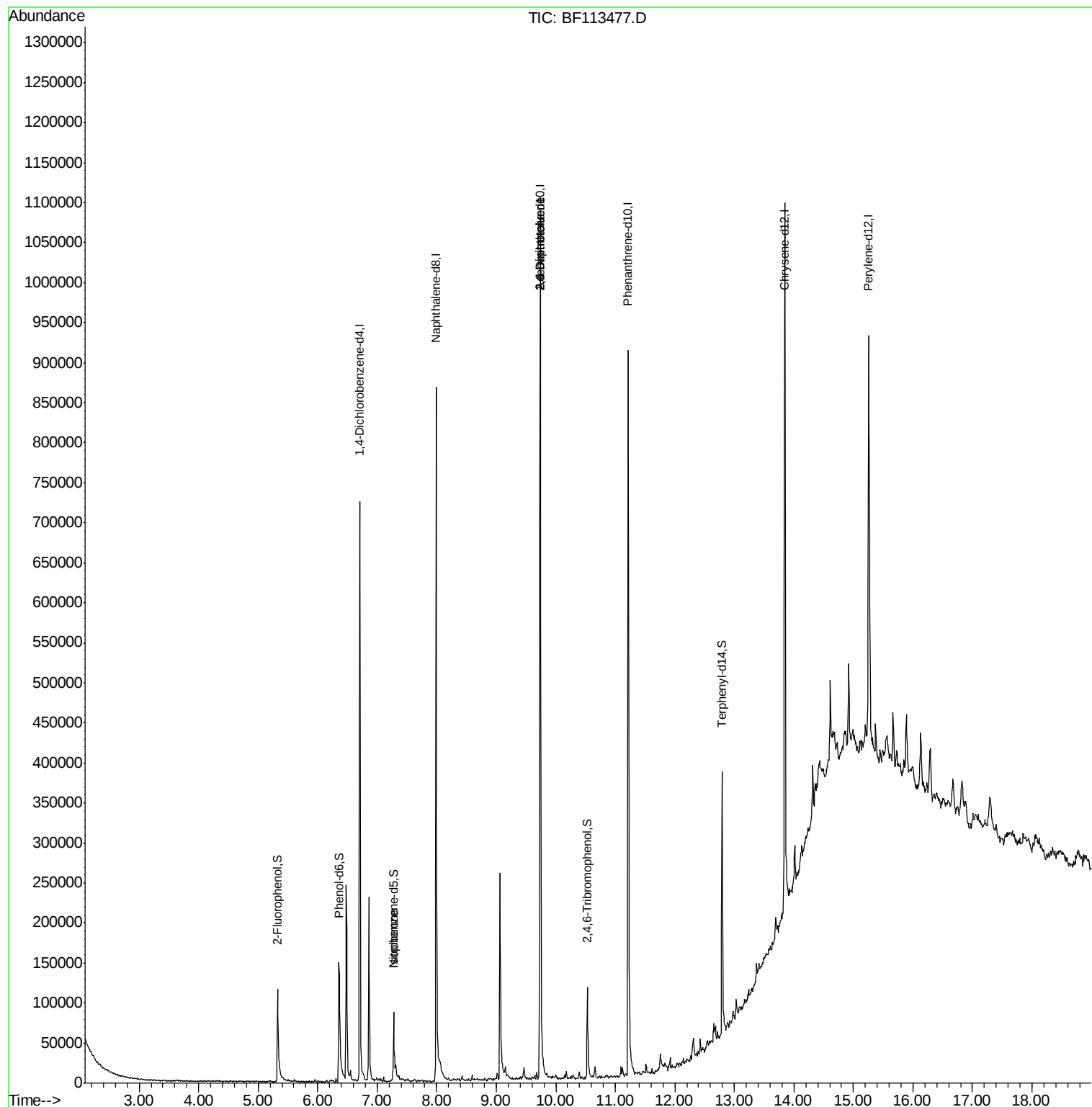
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.71	152	130419	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	523288	20.00	ng	0.00
39) Acenaphthene-d10	9.74	164	246336	20.00	ng	0.00
64) Phenanthrene-d10	11.22	188	431901	20.00	ng	0.00
76) Chrysene-d12	13.85	240	379575	20.00	ng	0.00
87) Perylene-d12	15.26	264	250935	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	66222	8.30	ng	0.01
7) Phenol-d6	6.36	99	99150	9.83	ng	0.00
23) Nitrobenzene-d5	7.27	82	50299	5.71	ng	0.00
42) 2,4,6-Tribromophenol	10.53	330	24334	8.00	ng	0.00
45) 2-Fluorobiphenyl	9.06	172	125029	-12.22	ng	0.00
79) Terphenyl-d14	12.79	244	134093	7.79	ng	0.00
Target Compounds						
25) Isophorone	7.27	82	50298	2.944	ng	# 64
51) 2,6-Dinitrotoluene	9.74	165	31278	7.595	ng	# 26
57) 2,4-Dinitrotoluene	9.74	165	31532	6.021	ng	# 23

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

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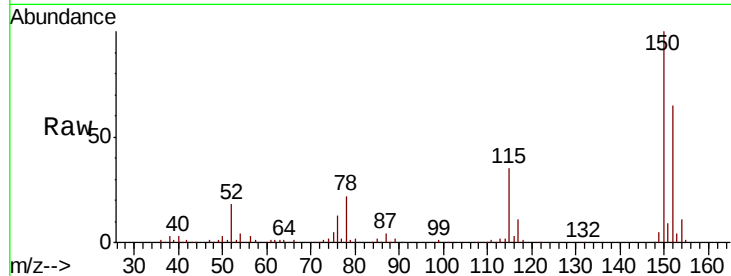


#1

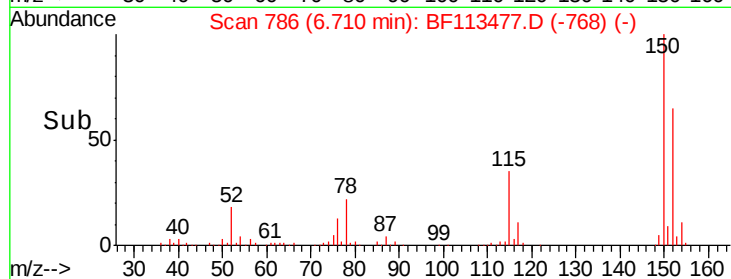
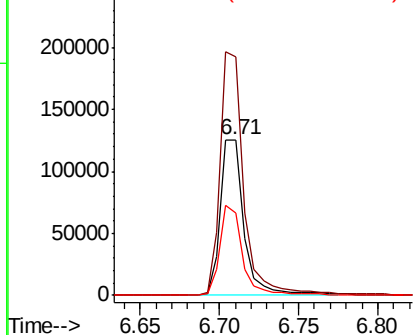
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.71 min Scan# 786
Delta R.T. 0.01 min
Lab File: BF113477.D
Acq: 1 Apr 2019 20:15

Instrument :
BNA_F
ClientSampleId :
NB-08-032919-A

Tgt Ion:152 Resp: 130419
Ion Ratio Lower Upper
152 100
150 153.1 124.7 187.1
115 53.2 46.0 69.0



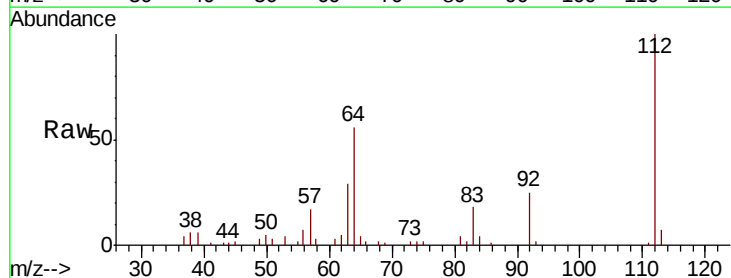
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



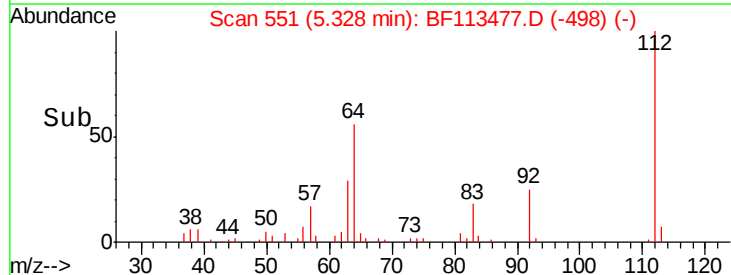
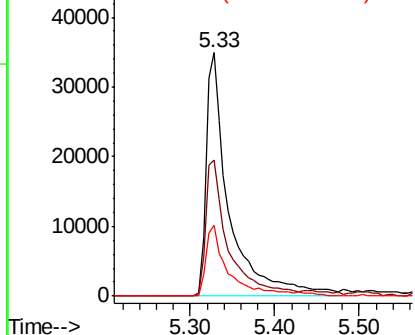
#5

2-Fluorophenol
Concen: 8.303 ng
RT: 5.33 min Scan# 551
Delta R.T. 0.01 min
Lab File: BF113477.D
Acq: 1 Apr 2019 20:15

Tgt Ion:112 Resp: 66222
Ion Ratio Lower Upper
112 100
64 56.1 49.2 73.8
63 29.2 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: 9.826 ng

RT: 6.36 min Scan# 726

Delta R.T. 0.00 min

Lab File: BF113477.D

Acq: 1 Apr 2019 20:15

Instrument :

BNA_F

ClientSampleId :

NB-08-032919-A

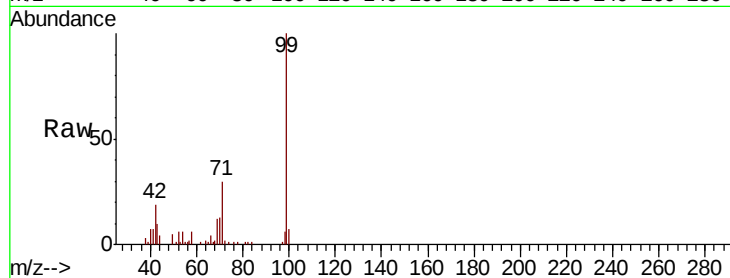
Tgt Ion: 99 Resp: 99150

Ion Ratio Lower Upper

99 100

42 18.8 14.8 22.2

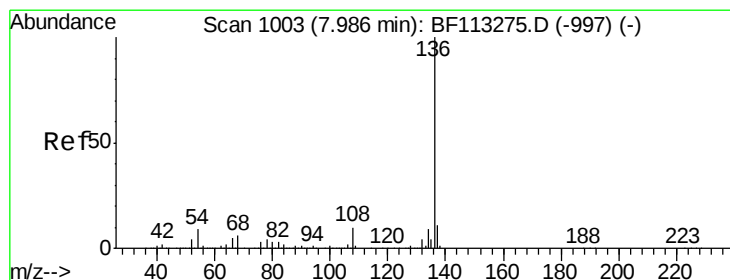
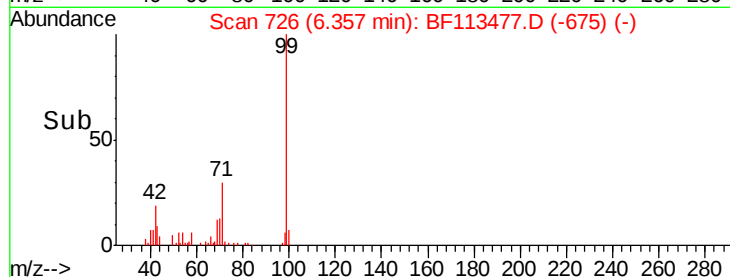
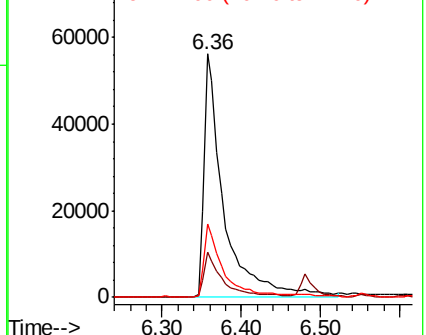
71 30.4 24.9 37.3



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: 7.99 min Scan# 1004

Delta R.T. 0.01 min

Lab File: BF113477.D

Acq: 1 Apr 2019 20:15

Tgt Ion: 136 Resp: 523288

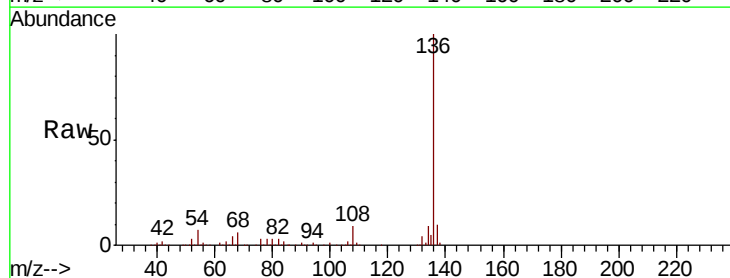
Ion Ratio Lower Upper

136 100

137 10.4 8.9 13.3

54 7.0 7.0 10.6#

68 5.5 4.8 7.2

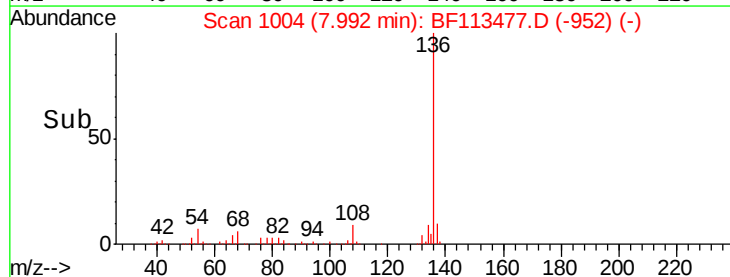
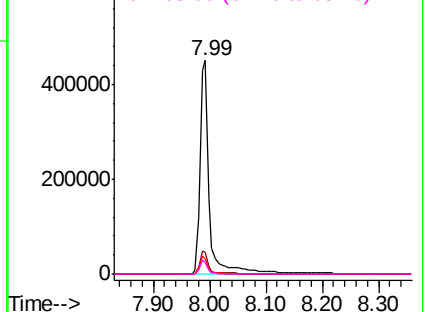


Abundance Ion 136.00 (135.70 to 136.70): E

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

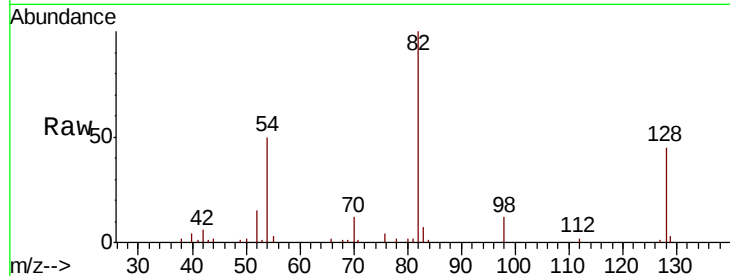




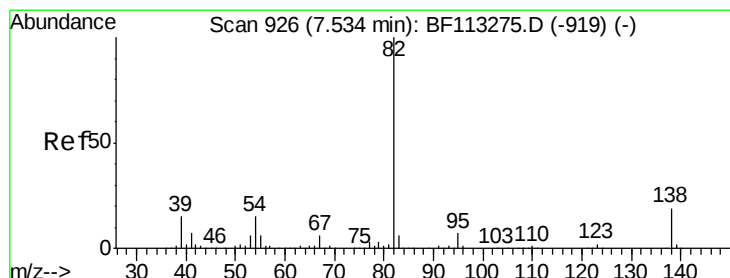
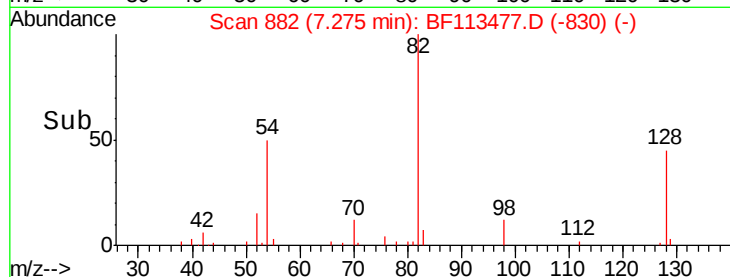
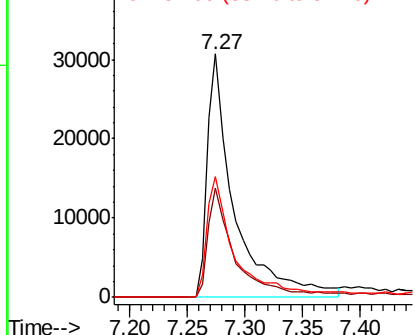
#23
 Nitrobenzene-d5
 Concen: 5.705 ng
 RT: 7.27 min Scan# 882
 Delta R.T. 0.01 min
 Lab File: BF113477.D
 Acq: 1 Apr 2019 20:15

Instrument :
 BNA_F
 ClientSampleId :
 NB-08-032919-A

Tgt Ion: 82 Resp: 50299
 Ion Ratio Lower Upper
 82 100
 128 45.0 36.5 54.7
 54 49.7 42.2 63.2

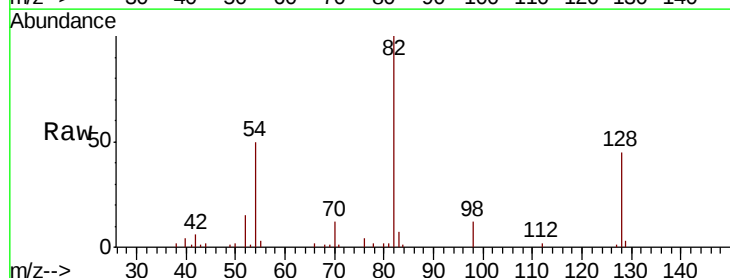


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

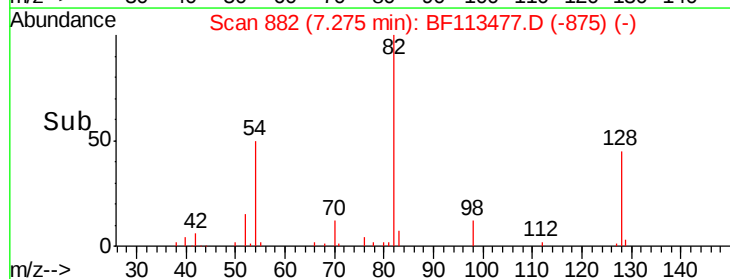
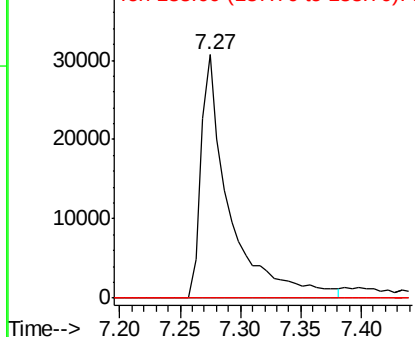


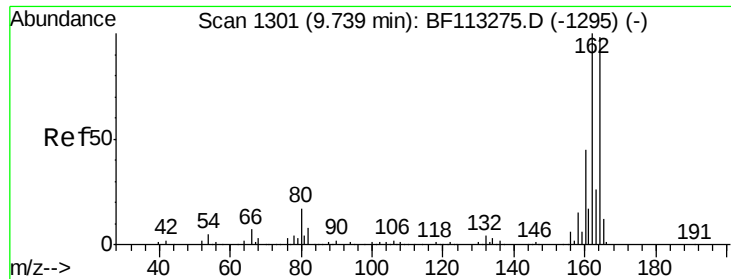
#25
 Isophorone
 Concen: 2.944 ng
 RT: 7.27 min Scan# 882
 Delta R.T. -0.26 min
 Lab File: BF113477.D
 Acq: 1 Apr 2019 20:15

Tgt Ion: 82 Resp: 50298
 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

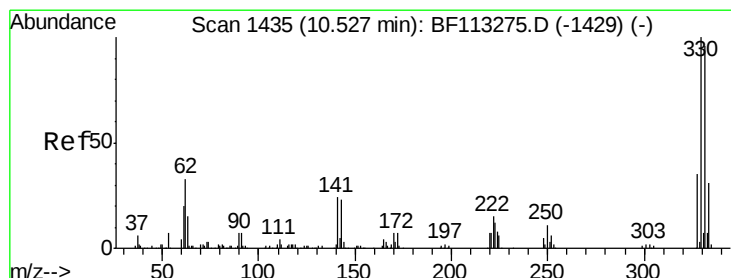
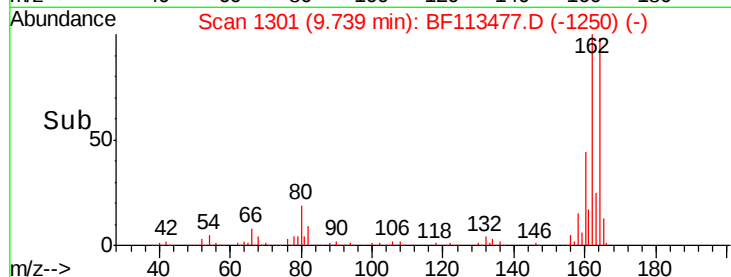
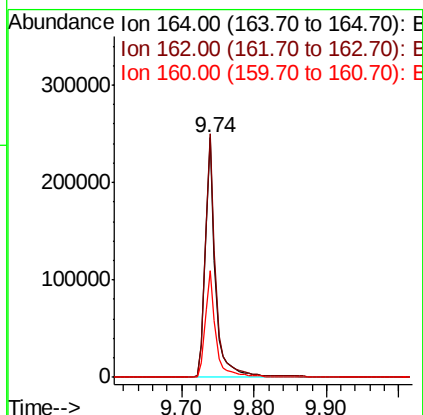
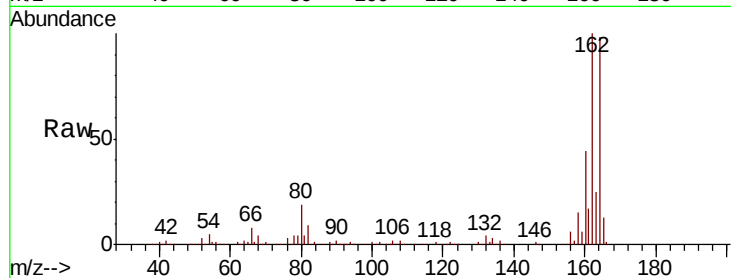




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.74 min Scan# 1301
Delta R.T. 0.00 min
Lab File: BF113477.D
Acq: 1 Apr 2019 20:15

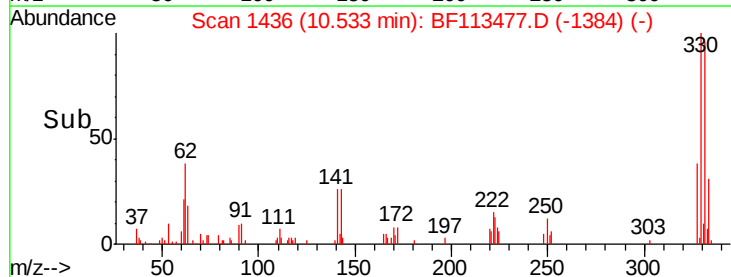
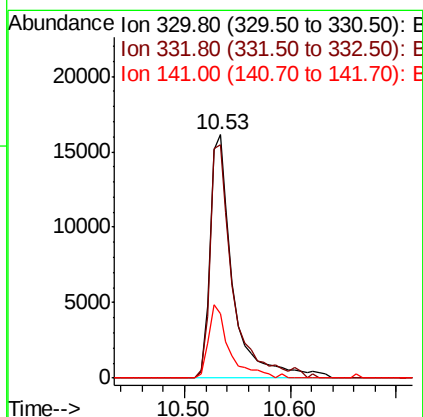
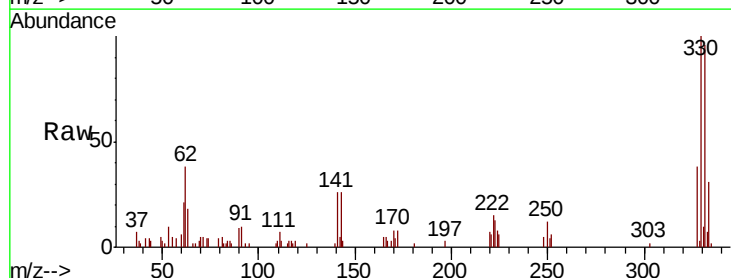
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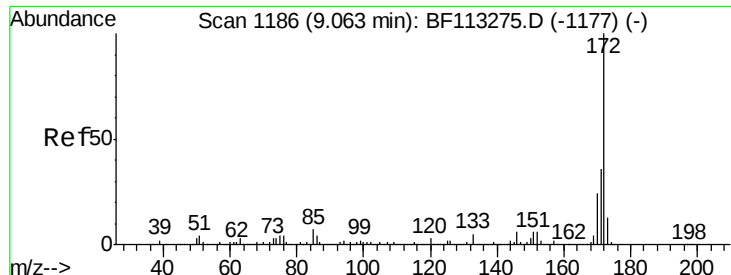
Tgt Ion:164 Resp: 246336
Ion Ratio Lower Upper
164 100
162 101.8 81.8 122.6
160 44.4 36.4 54.6



#42
2,4,6-Tribromophenol
Concen: 7.997 ng
RT: 10.53 min Scan# 1436
Delta R.T. 0.01 min
Lab File: BF113477.D
Acq: 1 Apr 2019 20:15

Tgt Ion:330 Resp: 24334
Ion Ratio Lower Upper
330 100
332 96.2 77.8 116.6
141 27.8 22.7 34.1

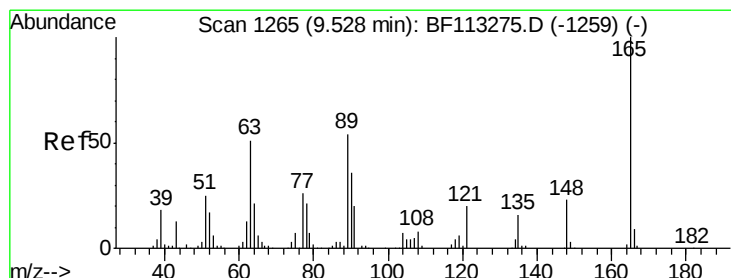
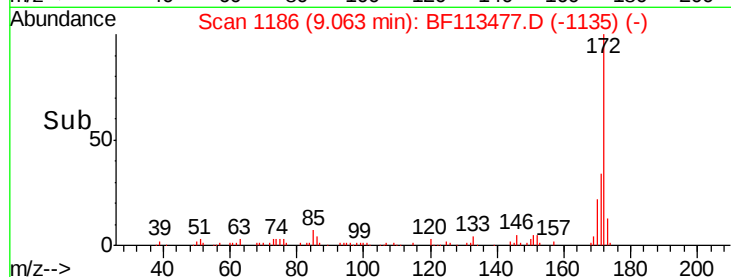
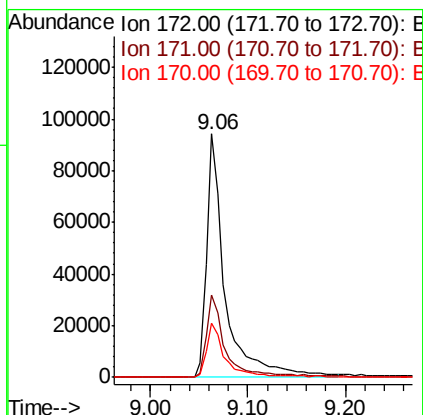
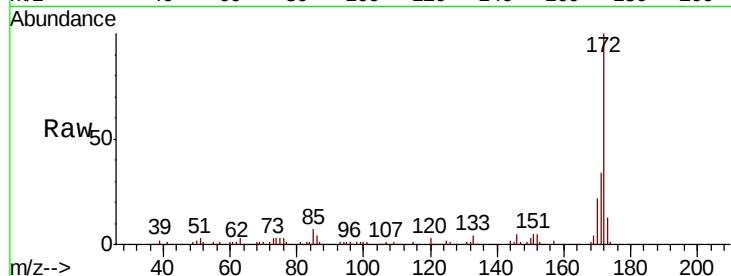




#45
 2-Fluorobiphenyl
 Concen: -12.217 ng
 RT: 9.06 min Scan# 1186
 Delta R.T. 0.00 min
 Lab File: BF113477.D
 Acq: 1 Apr 2019 20:15

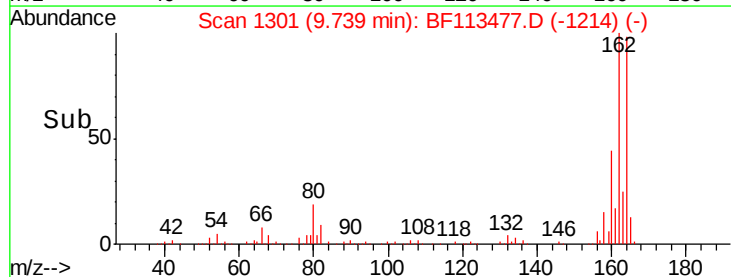
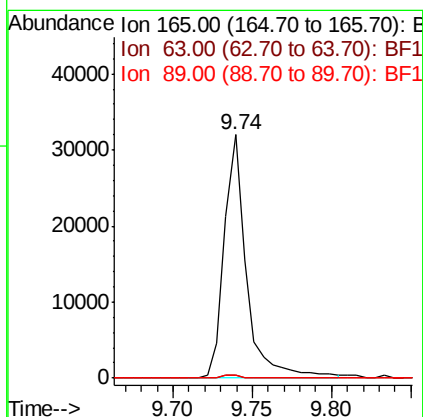
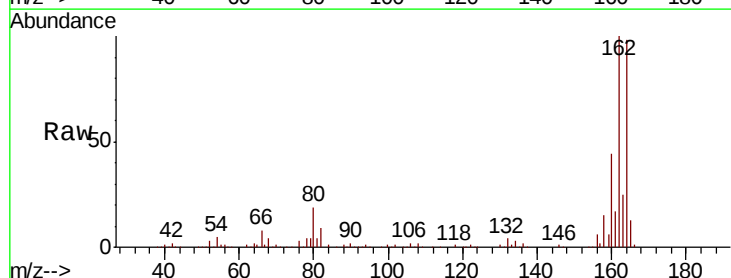
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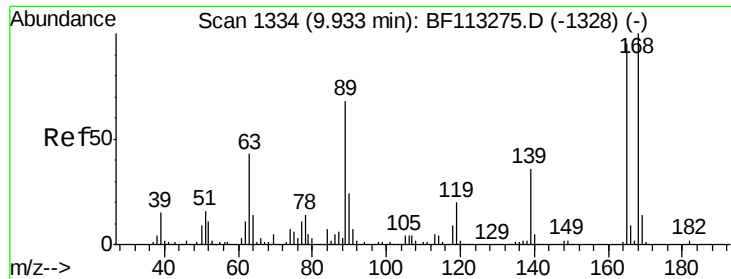
Tgt Ion:172 Resp: 125029
 Ion Ratio Lower Upper
 172 100
 171 33.8 29.0 43.6
 170 22.4 19.5 29.3



#51
 2,6-Dinitrotoluene
 Concen: 7.595 ng
 RT: 9.74 min Scan# 1301
 Delta R.T. 0.21 min
 Lab File: BF113477.D
 Acq: 1 Apr 2019 20:15

Tgt Ion:165 Resp: 31278
 Ion Ratio Lower Upper
 165 100
 63 1.1 43.4 65.0#
 89 1.4 43.1 64.7#

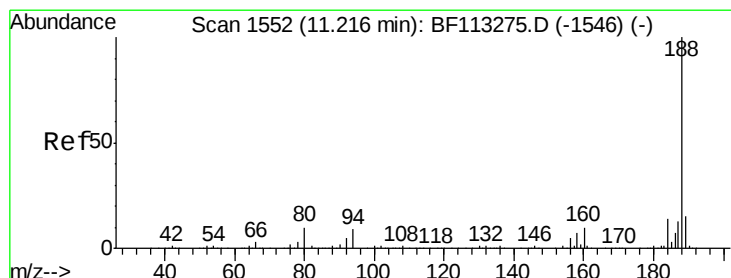
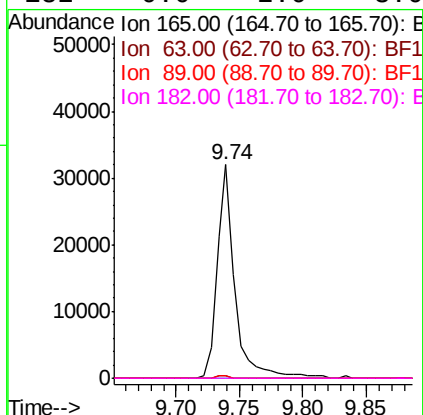
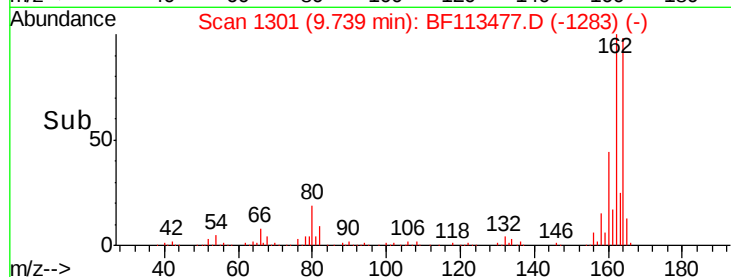
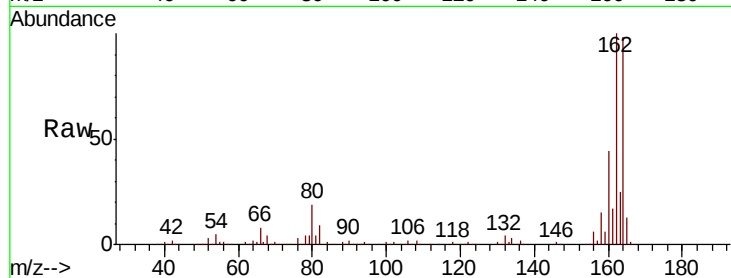




#57
 2,4-Dinitrotoluene
 Concen: 6.021 ng
 RT: 9.74 min Scan# 1301
 Delta R.T. -0.19 min
 Lab File: BF113477.D
 Acq: 1 Apr 2019 20:15

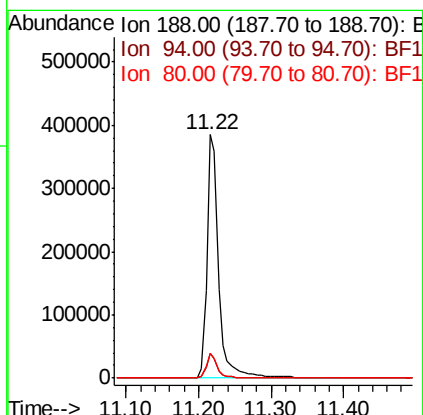
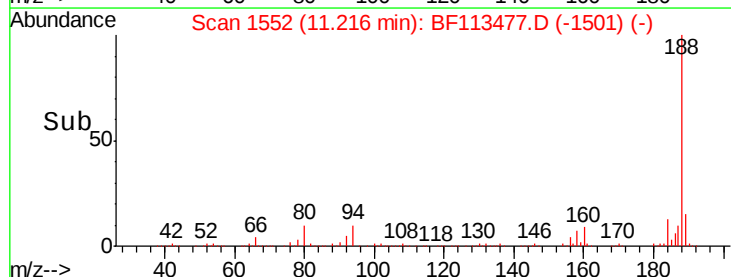
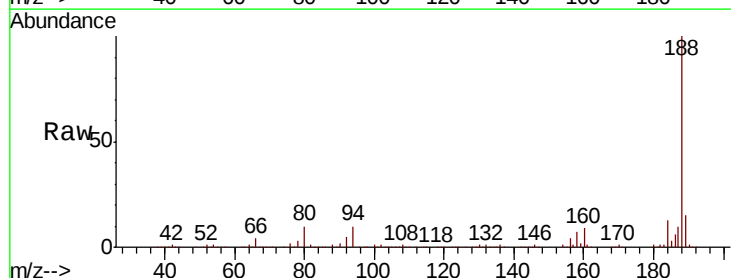
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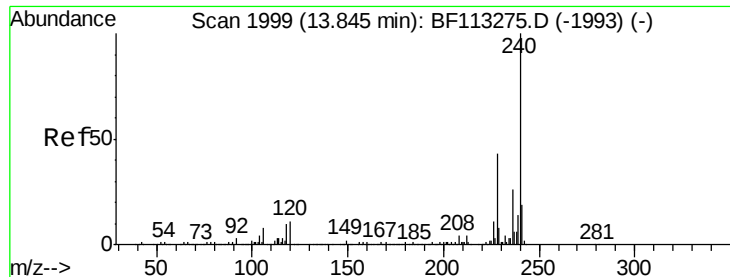
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.1	37.5	56.3#
89	1.4	57.4	86.2#
182	0.0	2.0	3.0#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.22 min Scan# 1552
 Delta R.T. 0.00 min
 Lab File: BF113477.D
 Acq: 1 Apr 2019 20:15

Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.2	7.0	10.6
80	10.4	7.7	11.5

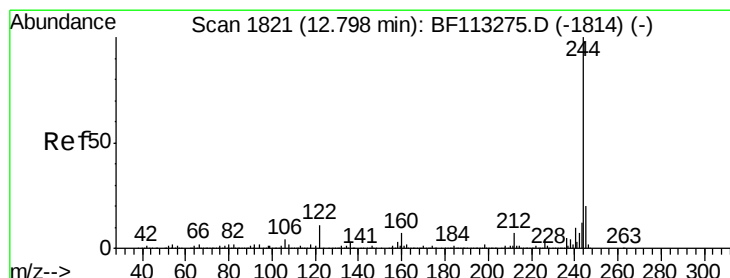
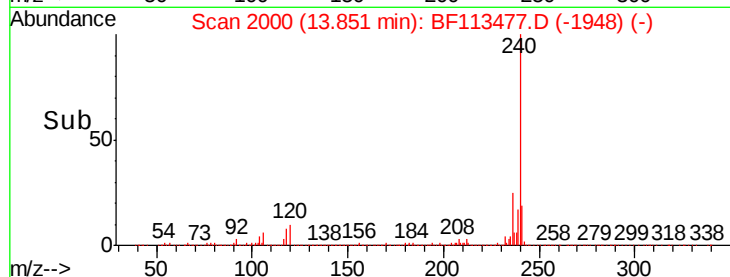
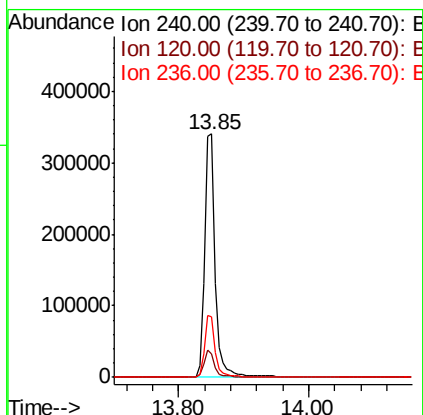
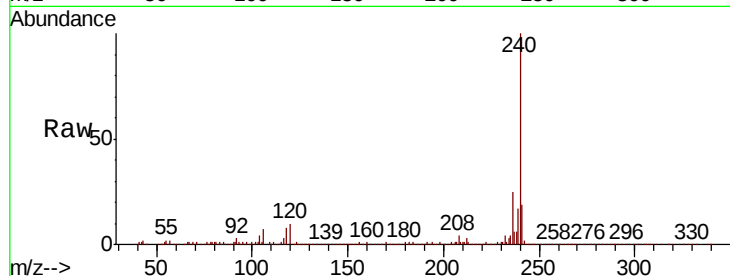




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.85 min Scan# 2000
Delta R.T. 0.01 min
Lab File: BF113477.D
Acq: 1 Apr 2019 20:15

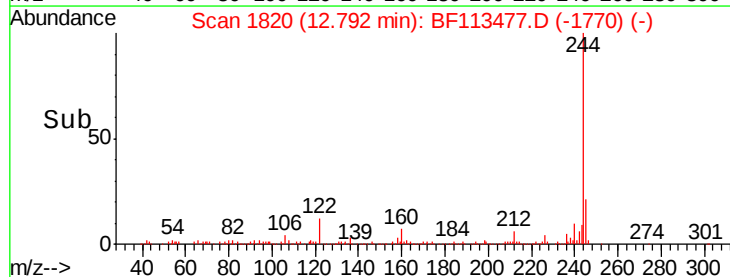
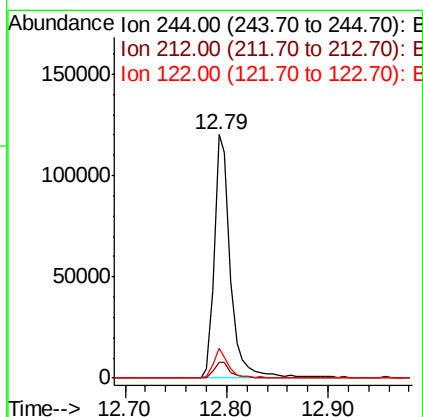
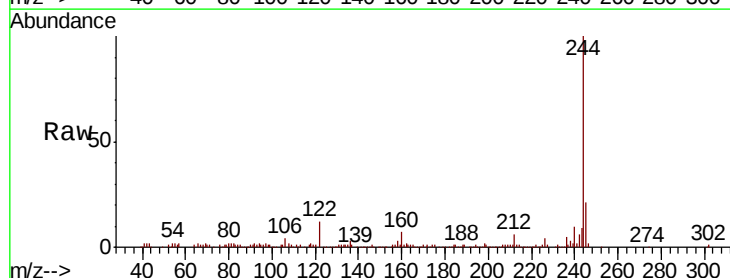
Instrument :
BNA_F
ClientSampleId :
NB-08-032919-A

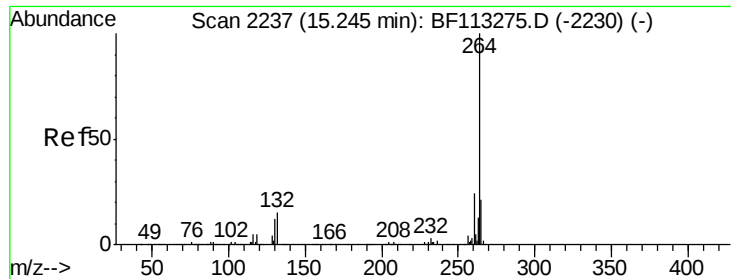
Tgt Ion:240 Resp: 379575
Ion Ratio Lower Upper
240 100
120 9.7 8.8 13.2
236 25.1 20.9 31.3



#79
Terphenyl-d14
Concen: 7.787 ng
RT: 12.79 min Scan# 1820
Delta R.T. -0.00 min
Lab File: BF113477.D
Acq: 1 Apr 2019 20:15

Tgt Ion:244 Resp: 134093
Ion Ratio Lower Upper
244 100
212 6.4 5.5 8.3
122 12.5 8.6 13.0





#87
Perylene-d12
Concen: 20.000 ng
RT: 15.26 min Scan# 2239
Delta R.T. 0.01 min
Lab File: BF113477.D
Acq: 1 Apr 2019 20:15

Instrument :
BNA_F
ClientSampleId :
NB-08-032919-A

Tgt Ion: 264 Resp: 250935

Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.1	28.7
265	22.3	17.1	25.7

