

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111919\
 Data File : BF117879.D
 Acq On : 20 Nov 2019 3:27
 Operator : JU
 Sample : K5908-02
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B-8-1-(6-12)

Quant Time: Nov 20 05:41:18 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF111319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 13 18:36:07 2019
 Response via : Initial Calibration

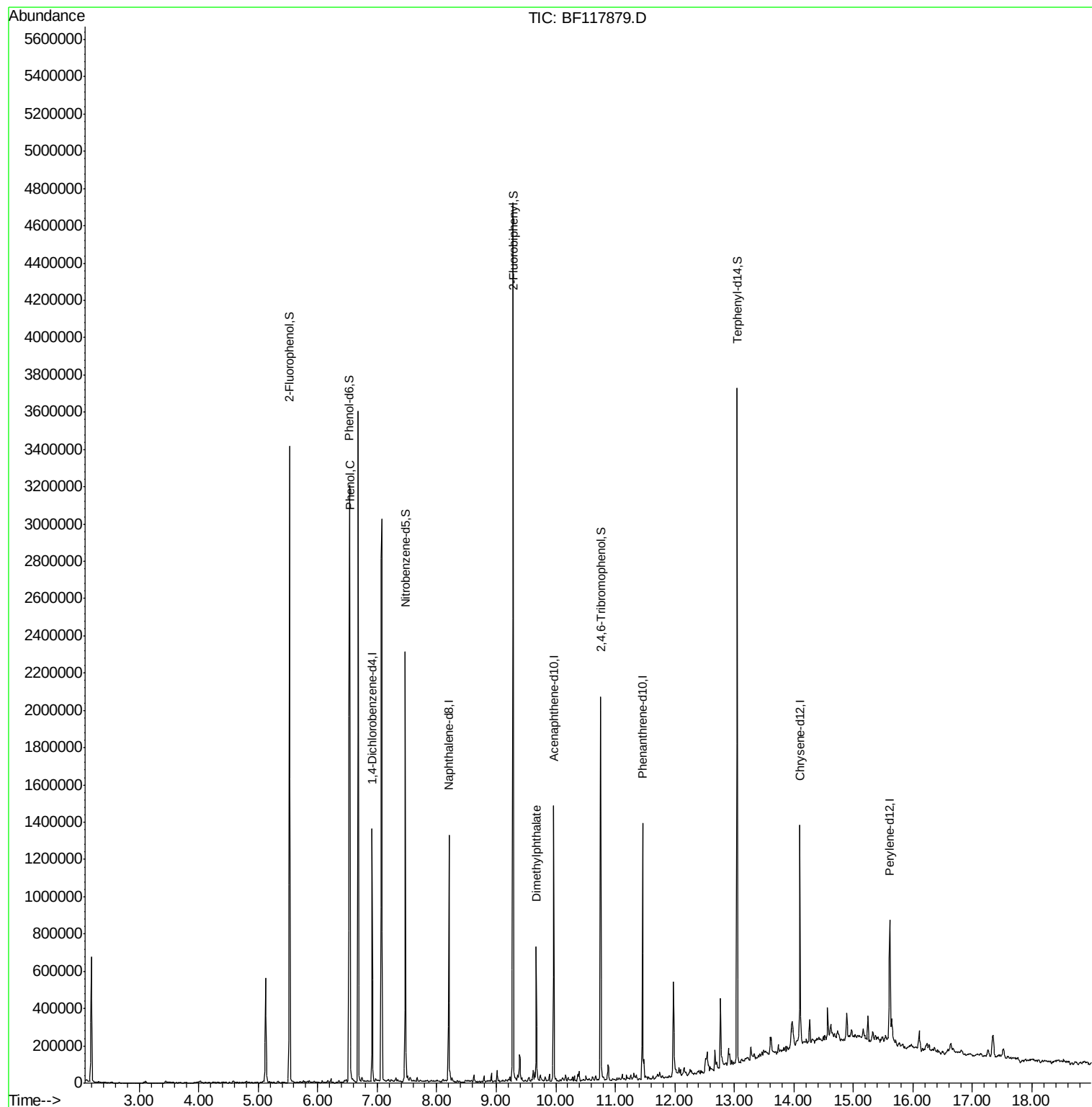
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.92	152	176620	20.00	ng	-0.01
21) Naphthalene-d8	8.20	136	582828	20.00	ng	-0.01
39) Acenaphthene-d10	9.96	164	297725	20.00	ng	-0.01
64) Phenanthrene-d10	11.46	188	465971	20.00	ng	-0.01
76) Chrysene-d12	14.10	240	350971	20.00	ng	-0.01
87) Perylene-d12	15.61	264	308881	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	927698	92.97	ng	0.00
7) Phenol-d6	6.53	99	1168435	97.09	ng	-0.01
23) Nitrobenzene-d5	7.47	82	690595	70.44	ng	-0.02
42) 2,4,6-Tribromophenol	10.76	330	251395	79.76	ng	-0.01
45) 2-Fluorobiphenyl	9.28	172	1345276	81.06	ng	-0.01
79) Terphenyl-d14	13.04	244	1207679	62.89	ng	-0.01
Target Compounds						
10) Phenol	6.55	94	66827	5.344	ng	95
50) Dimethylphthalate	9.67	163	263894	12.640	ng	98

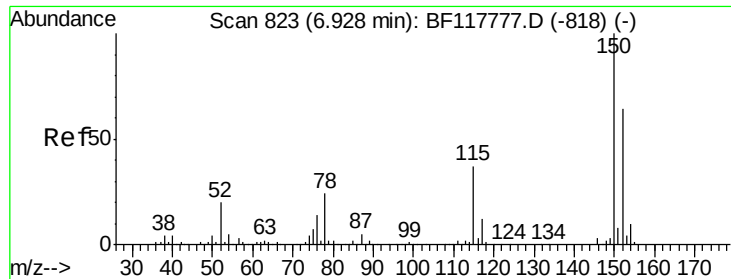
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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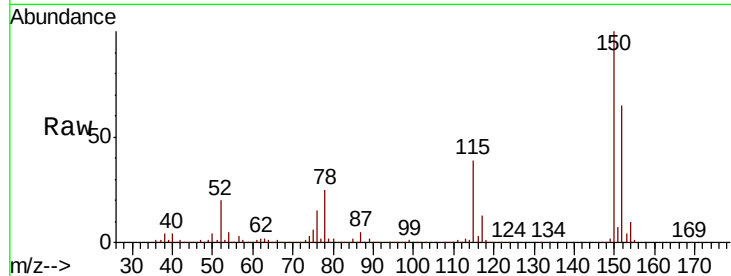


#1

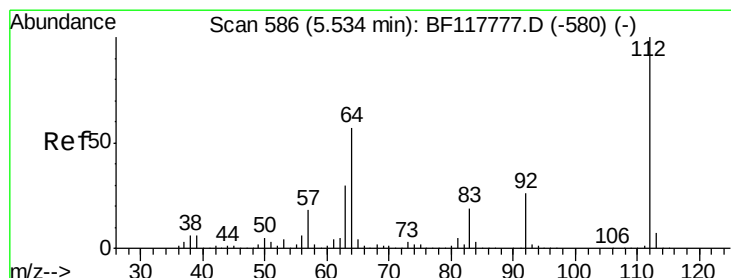
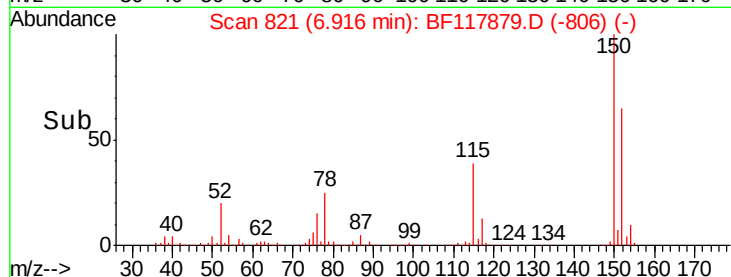
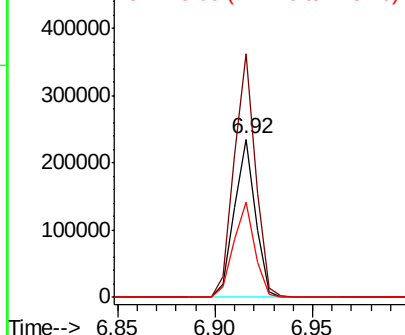
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.92 min Scan# 821
Delta R.T. -0.01 min
Lab File: BF117879.D
Acq: 20 Nov 2019 3:27

Instrument :
BNA_F
ClientSampleId :
B-8-1-(6-12)

Tot Ion:152 Resp: 176620
Ion Ratio Lower Upper
152 100
150 153.9 125.3 187.9
115 60.2 47.0 70.4



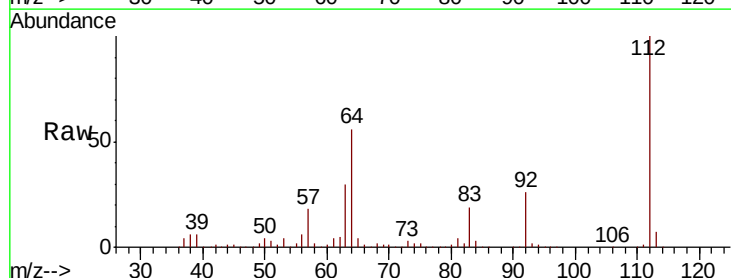
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



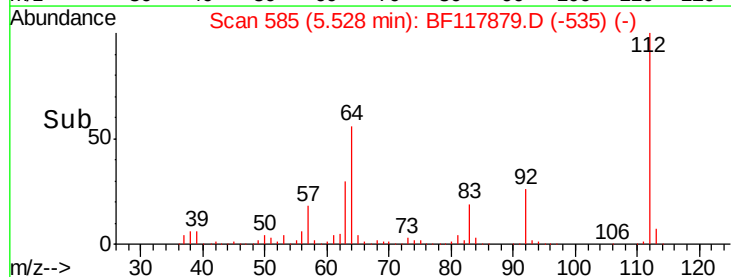
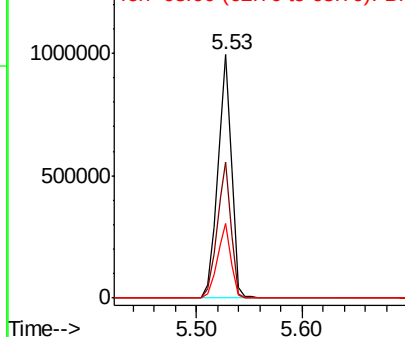
#5

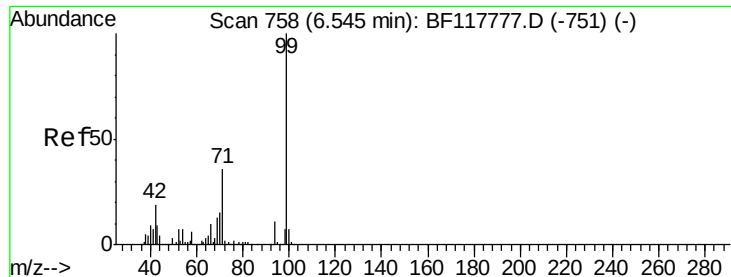
2-Fluorophenol
Concen: 92.975 ng
RT: 5.53 min Scan# 585
Delta R.T. -0.01 min
Lab File: BF117879.D
Acq: 20 Nov 2019 3:27

Tgt Ion:112 Resp: 927698
Ion Ratio Lower Upper
112 100
64 55.9 45.6 68.4
63 30.4 24.1 36.1



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: 97.086 ng

RT: 6.53 min Scan# 756

Delta R.T. -0.01 min

Lab File: BF117879.D

Acq: 20 Nov 2019 3:27

Instrument :

BNA_F

ClientSampled :

B-8-1-(6-12)

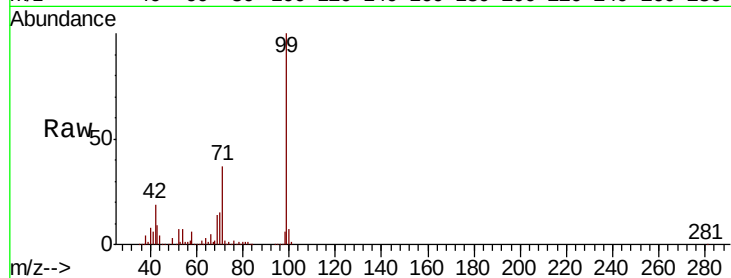
Tot Ion: 99 Resp: 1168435

Ion Ratio Lower Upper

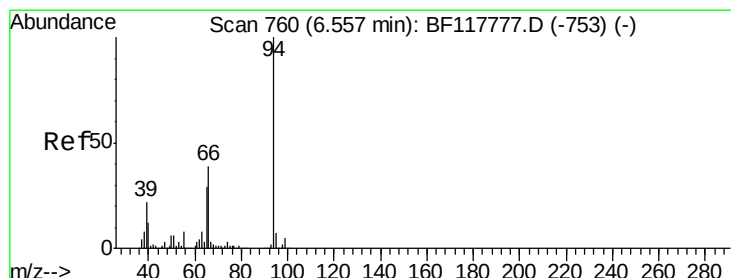
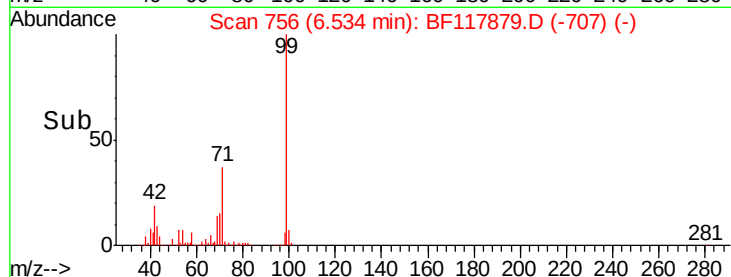
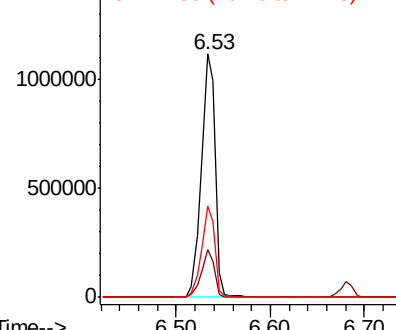
99 100

42 19.5 14.9 22.3

71 37.5 28.6 43.0



Abundance Ion 99.00 (98.70 to 99.70): BF1
1500000
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#10

Phenol

Concen: 5.344 ng

RT: 6.55 min Scan# 758

Delta R.T. -0.01 min

Lab File: BF117879.D

Acq: 20 Nov 2019 3:27

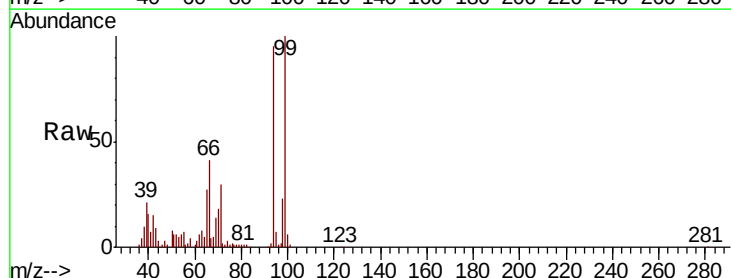
Tgt Ion: 94 Resp: 66827

Ion Ratio Lower Upper

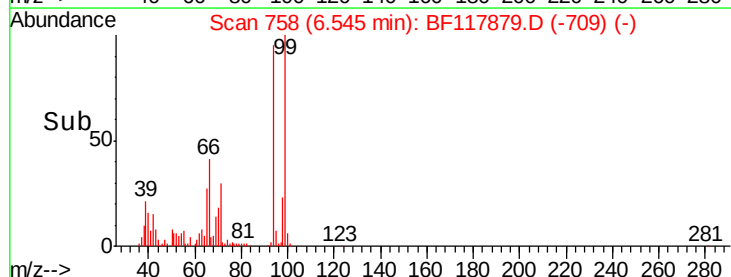
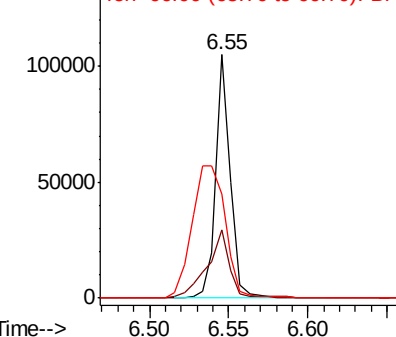
94 100

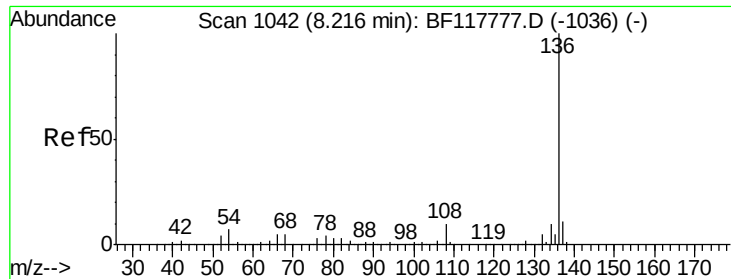
65 28.1 8.9 48.9

66 42.9 18.7 58.7



Abundance Ion 94.00 (93.70 to 94.70): BF1
100000
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1

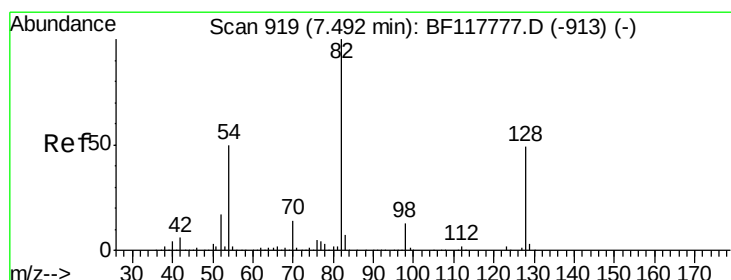
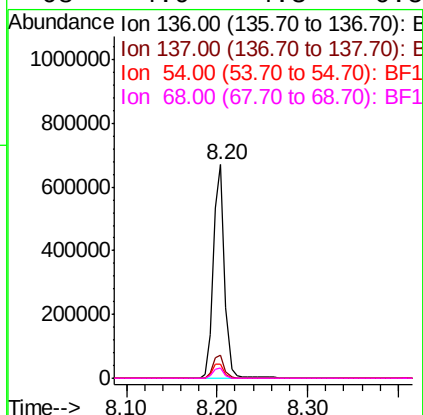
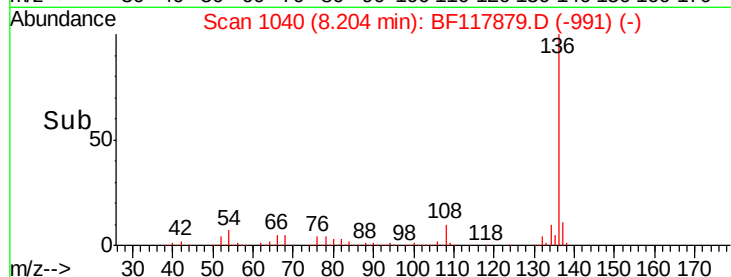
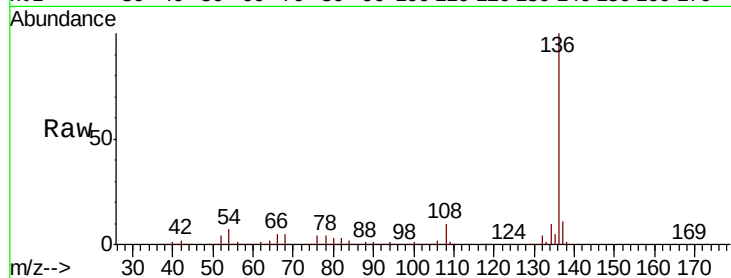




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.20 min Scan# 1040
Delta R.T. -0.01 min
Lab File: BF117879.D
Acq: 20 Nov 2019 3:27

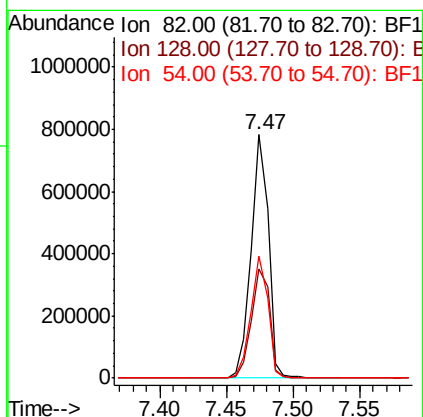
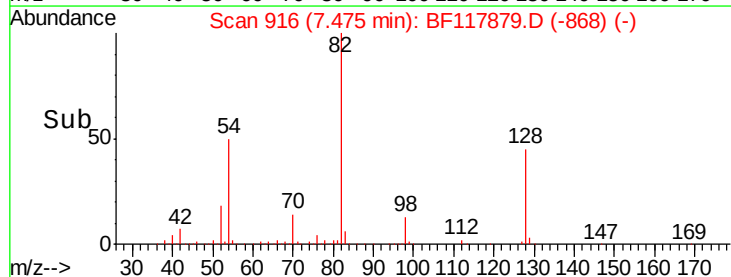
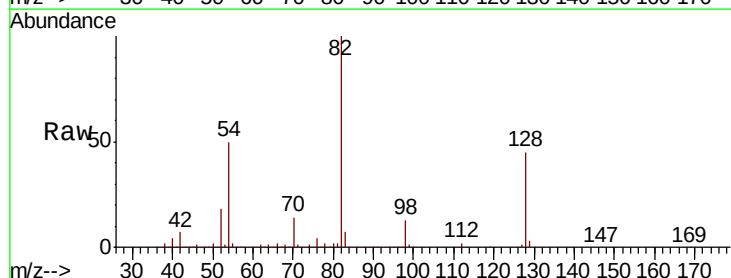
Instrument :
BNA_F
ClientSampleId :
B-8-1-(6-12)

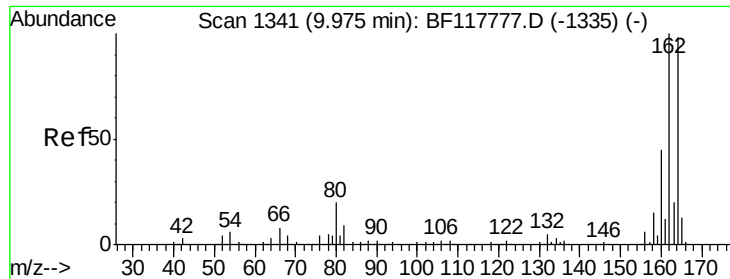
Tot Ion:136	Resp:	582828
Ion Ratio	Lower	Upper
136	100	
137	10.8	9.0 13.4
54	6.7	5.4 8.2
68	4.9	4.3 6.5



#23
Nitrobenzene-d5
Concen: 70.438 ng
RT: 7.47 min Scan# 916
Delta R.T. -0.02 min
Lab File: BF117879.D
Acq: 20 Nov 2019 3:27

Tgt Ion: 82	Resp:	690595
Ion Ratio	Lower	Upper
82	100	
128	44.8	38.9 58.3
54	49.9	39.8 59.6

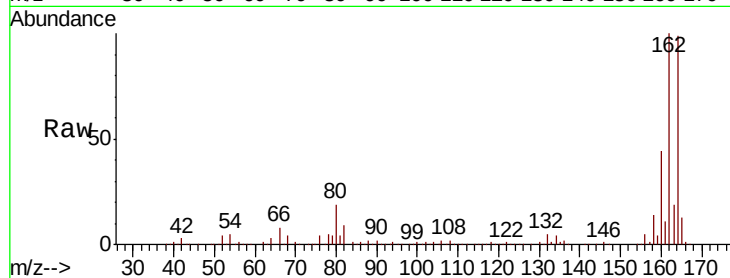




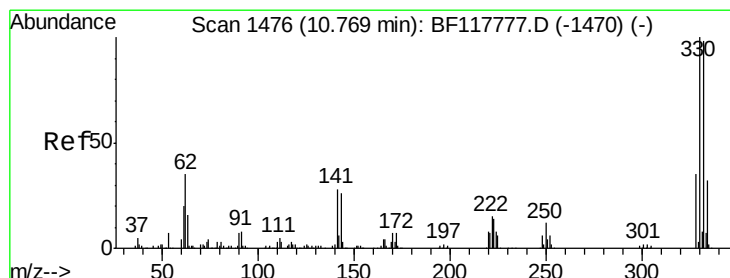
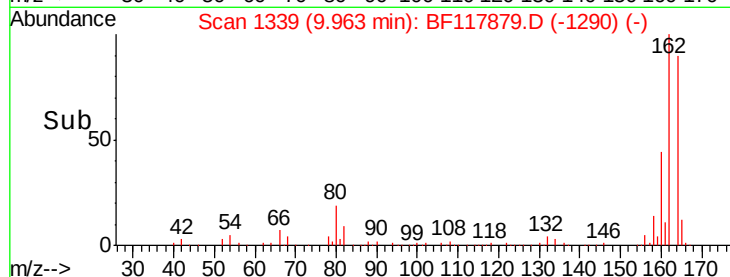
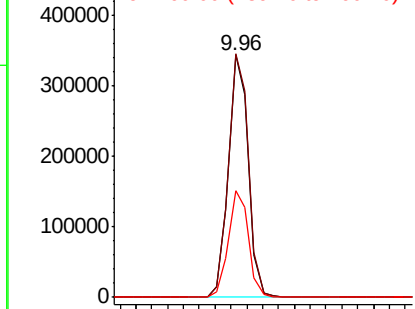
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.96 min Scan# 1339
Delta R.T. -0.01 min
Lab File: BF117879.D
Acq: 20 Nov 2019 3:27

Instrument :
BNA_F
ClientSampleId :
B-8-1-(6-12)

Tot Ion	Ratio	Lower	Upper
164	100		
162	100.5	81.3	121.9
160	43.8	36.6	55.0

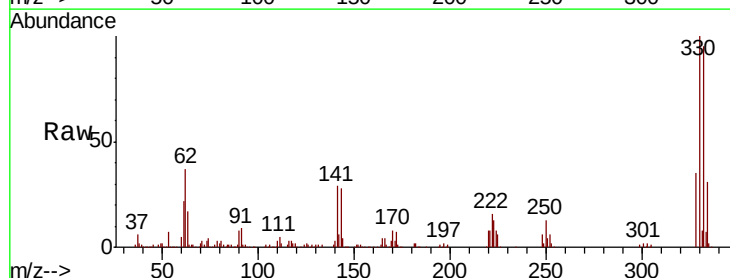


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

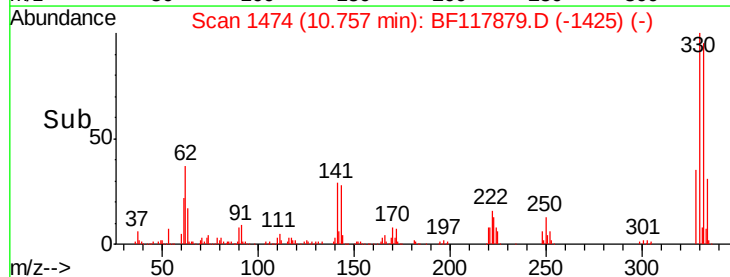
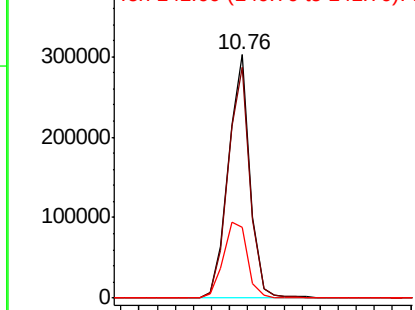


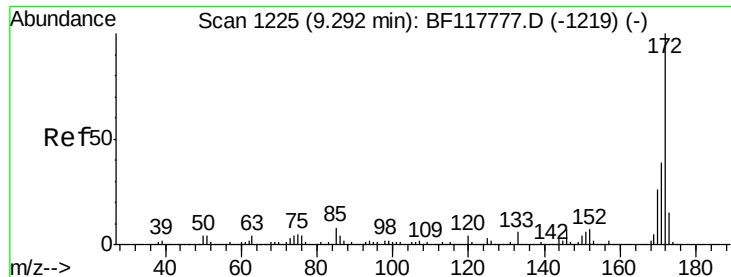
#42
2,4,6-Tribromophenol
Concen: 79.758 ng
RT: 10.76 min Scan# 1474
Delta R.T. -0.01 min
Lab File: BF117879.D
Acq: 20 Nov 2019 3:27

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.6	76.7	115.1
141	34.7	27.7	41.5



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



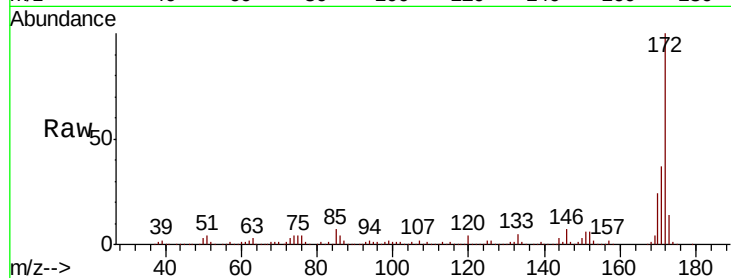


#45
 2-Fluorobiphenyl
 Concen: 81.064 ng
 RT: 9.28 min Scan# 1223
 Delta R.T. -0.01 min
 Lab File: BF117879.D
 Acq: 20 Nov 2019 3:27

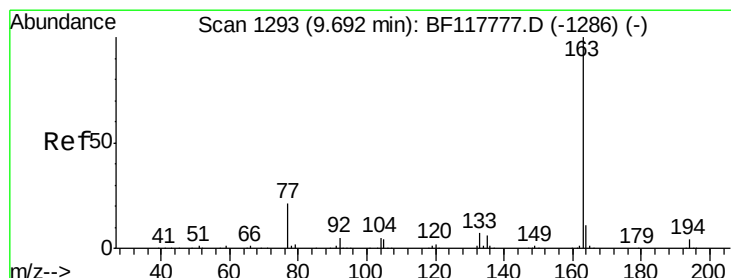
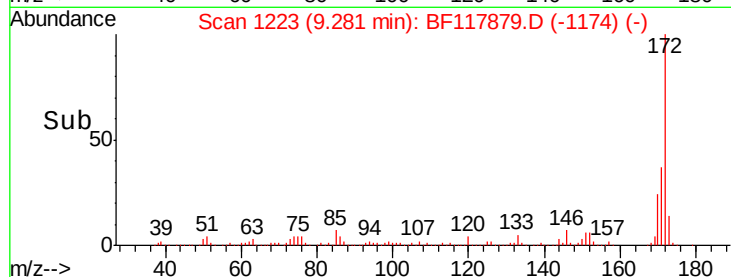
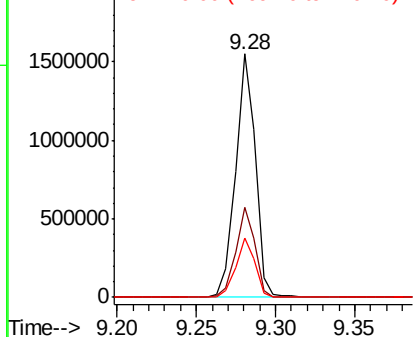
Instrument :
 BNA_F
 ClientSampleId :
 B-8-1-(6-12)

Tot Ion:172 Resp: 1345276

Ion	Ratio	Lower	Upper
172	100		
171	36.8	30.9	46.3
170	24.5	21.0	31.4



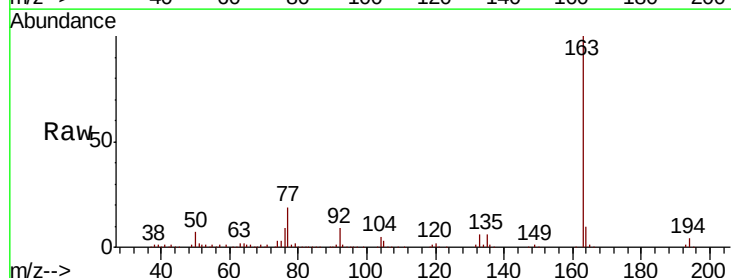
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



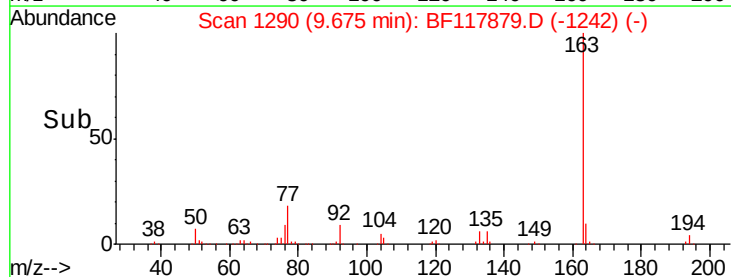
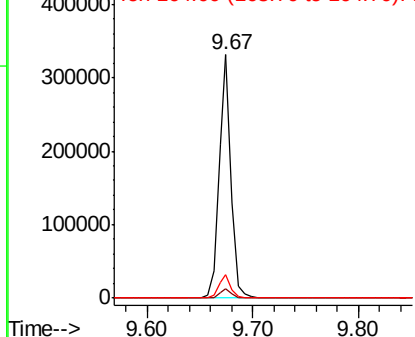
#50
 Dimethylphthalate
 Concen: 12.640 ng
 RT: 9.67 min Scan# 1290
 Delta R.T. -0.02 min
 Lab File: BF117879.D
 Acq: 20 Nov 2019 3:27

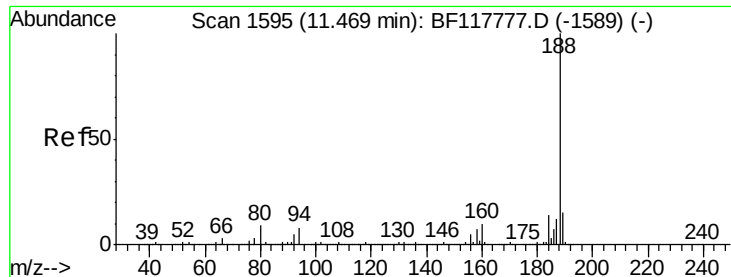
Tgt Ion:163 Resp: 263894

Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.3	4.9
164	9.9	8.7	13.1



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





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.46 min Scan# 1593

Delta R.T. -0.01 min

Lab File: BF117879.D

Acq: 20 Nov 2019 3:27

Instrument :

BNA_F

ClientSampleId :

B-8-1-(6-12)

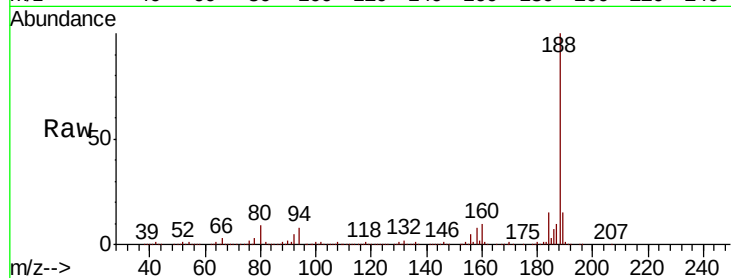
Tot Ion:188 Resp: 465971

Ion Ratio Lower Upper

188 100

94 8.4 6.6 10.0

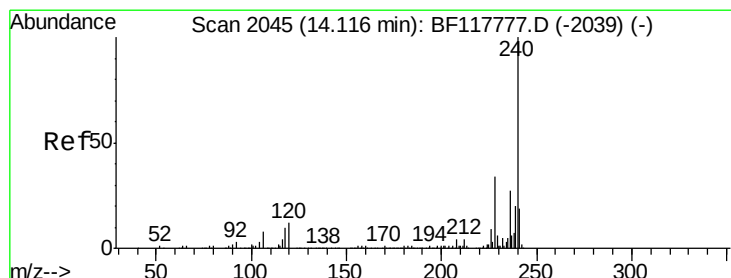
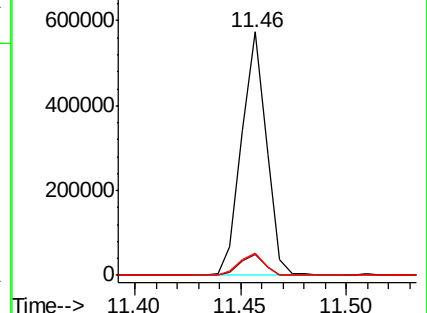
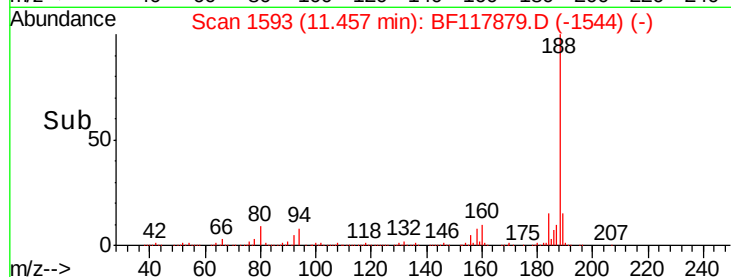
80 9.0 7.2 10.8



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.10 min Scan# 2043

Delta R.T. -0.01 min

Lab File: BF117879.D

Acq: 20 Nov 2019 3:27

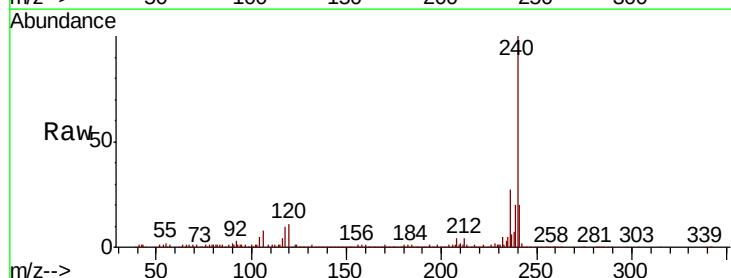
Tgt Ion:240 Resp: 350971

Ion Ratio Lower Upper

240 100

120 11.0 9.5 14.3

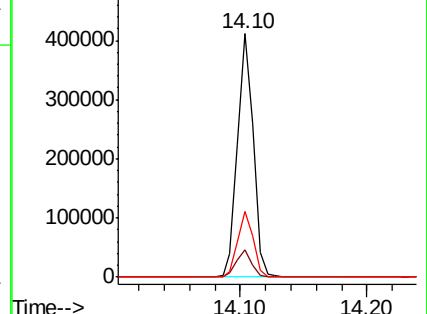
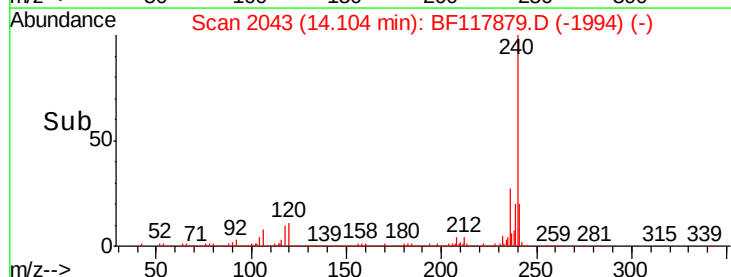
236 26.8 21.3 31.9

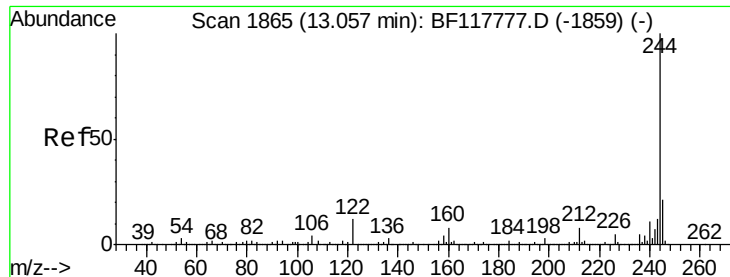


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

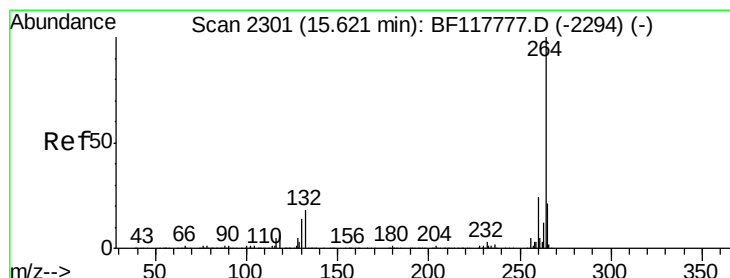
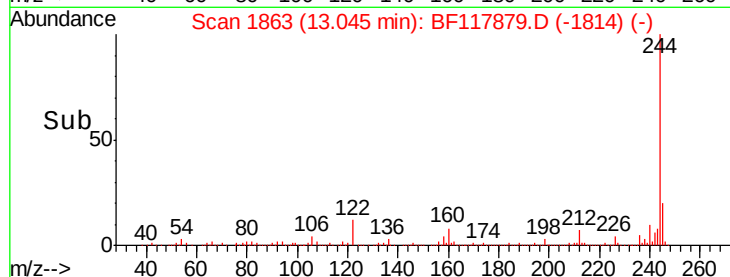
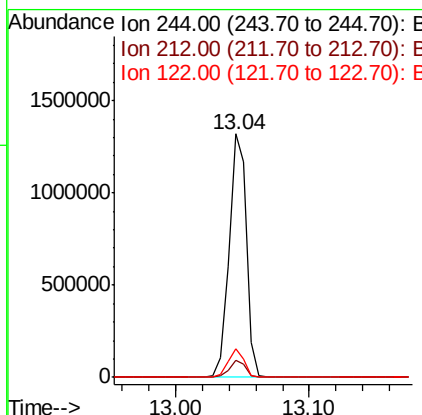
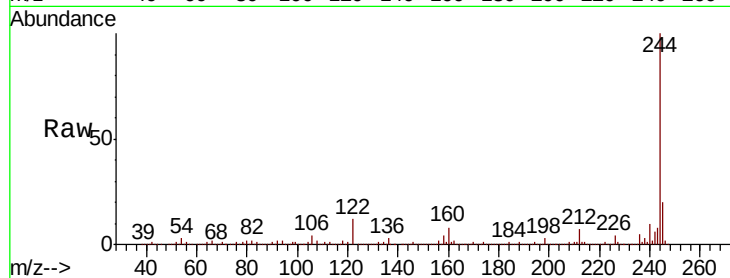




#79
 Terphenyl-d14
 Concen: 62.887 ng
 RT: 13.04 min Scan# 1863
 Delta R.T. -0.01 min
 Lab File: BF117879.D
 Acq: 20 Nov 2019 3:27

Instrument :
 BNA_F
 ClientSampleId :
 B-8-1-(6-12)

Tot Ion:244 Resp: 1207679
 Ion Ratio Lower Upper
 244 100
 212 7.1 6.3 9.5
 122 11.9 9.4 14.2



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.61 min Scan# 2299
 Delta R.T. -0.01 min
 Lab File: BF117879.D
 Acq: 20 Nov 2019 3:27

Tgt Ion:264 Resp: 308881
 Ion Ratio Lower Upper
 264 100
 260 24.2 19.4 29.0
 265 21.1 17.1 25.7

