

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092419\
 Data File : BF117225.D
 Acq On : 24 Sep 2019 19:40
 Operator : JU
 Sample : K5008-07
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-7

Quant Time: Sep 25 07:07:37 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 13 16:23:17 2019
 Response via : Initial Calibration

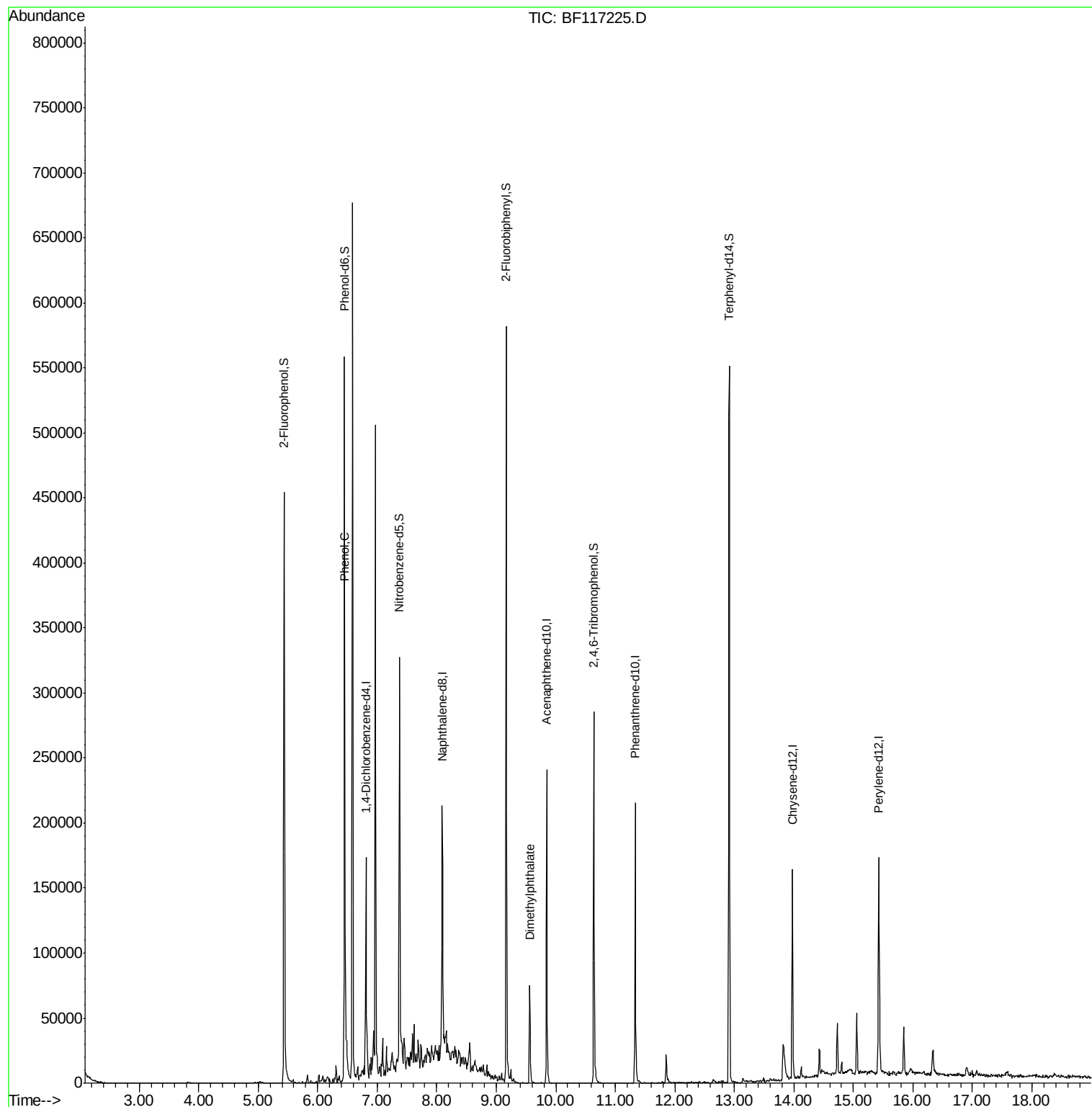
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	24645	20.00	ng	-0.01
21) Naphthalene-d8	8.09	136	95035	20.00	ng	-0.01
39) Acenaphthene-d10	9.85	164	52064	20.00	ng	-0.01
64) Phenanthrene-d10	11.33	188	86376	20.00	ng	0.00
76) Chrysene-d12	13.97	240	59221	20.00	ng	0.00
87) Perylene-d12	15.43	264	67741	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	144824	91.75	ng	0.00
7) Phenol-d6	6.45	99	201399	98.72	ng	0.00
23) Nitrobenzene-d5	7.37	82	117950	65.21	ng	-0.01
42) 2,4,6-Tribromophenol	10.64	330	38084	87.52	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	191598	57.54	ng	0.00
79) Terphenyl-d14	12.92	244	188023	59.35	ng	0.00
Target Compounds						
10) Phenol	6.46	94	5266	2.342	ng	81
50) Dimethylphthalate	9.56	163	34705	9.414	ng	97

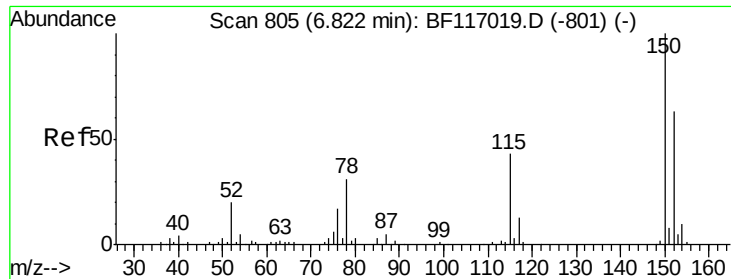
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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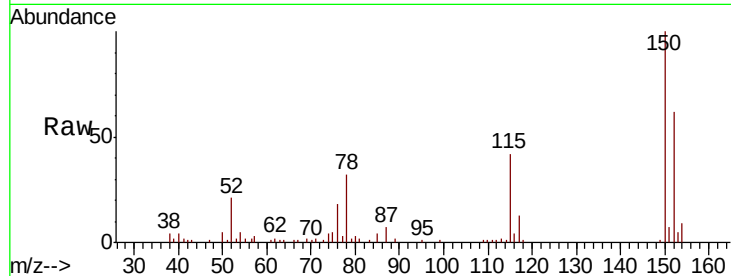


#1

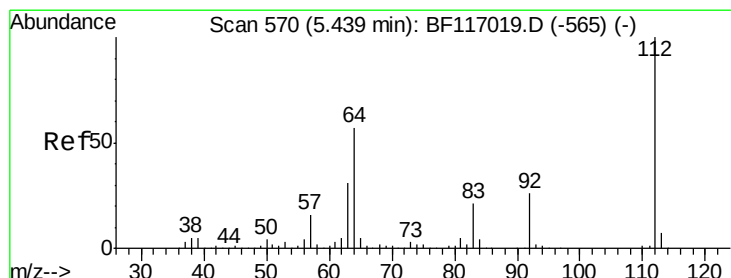
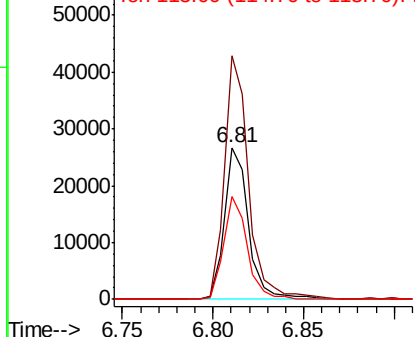
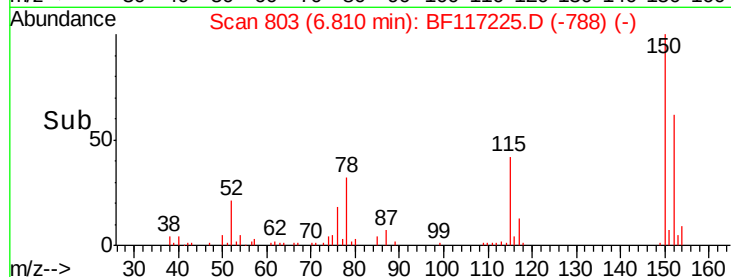
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.81 min Scan# 803
Delta R.T. -0.01 min
Lab File: BF117225.D
Acq: 24 Sep 2019 19:40

Instrument :
BNA_F
ClientSampled :
SB-7

Tot Ion:152 Resp: 24645
Ion Ratio Lower Upper
152 100
150 160.3 127.5 191.3
115 68.0 55.0 82.4



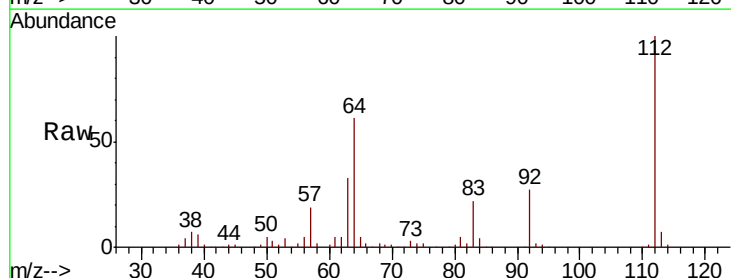
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



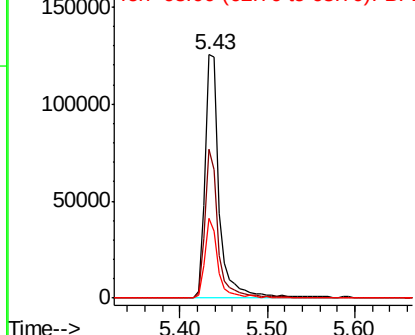
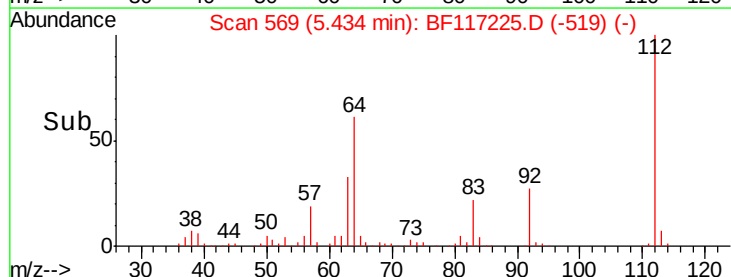
#5

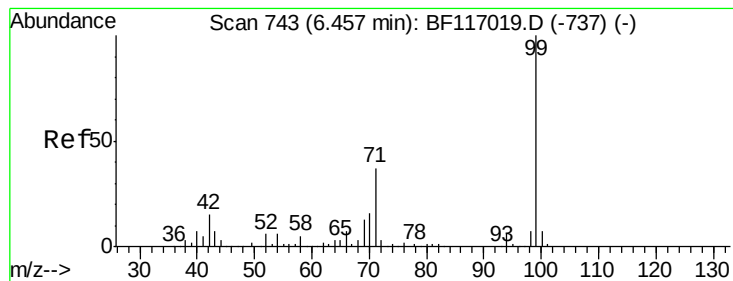
2-Fluorophenol
Concen: 91.745 ng
RT: 5.43 min Scan# 569
Delta R.T. -0.01 min
Lab File: BF117225.D
Acq: 24 Sep 2019 19:40

Tgt Ion:112 Resp: 144824
Ion Ratio Lower Upper
112 100
64 61.0 45.7 68.5
63 32.7 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: 98.723 ng

RT: 6.45 min Scan# 742

Delta R.T. -0.01 min

Lab File: BF117225.D

Acq: 24 Sep 2019 19:40

Instrument :

BNA_F

ClientSampled :

SB-7

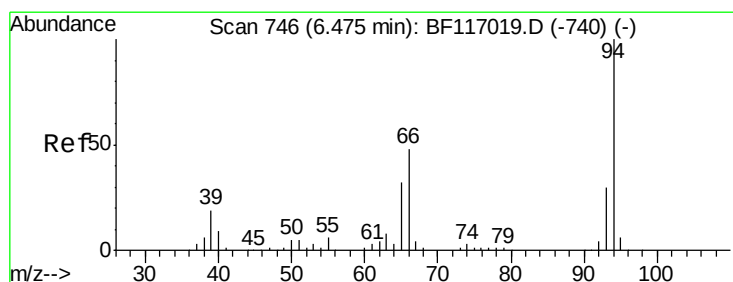
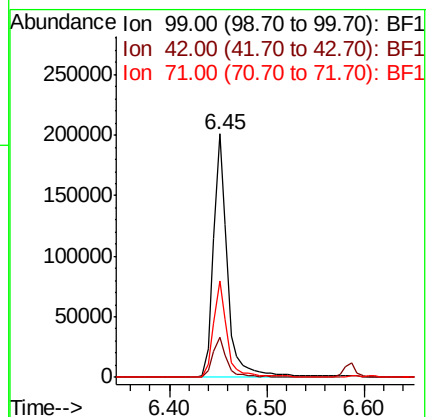
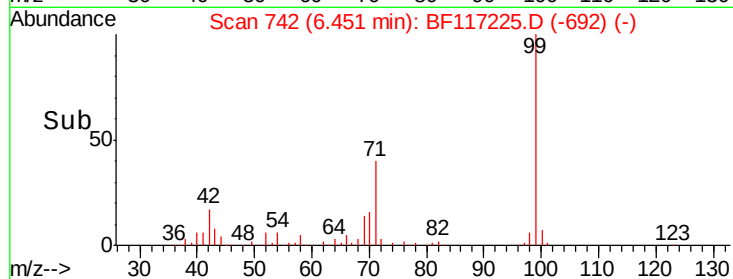
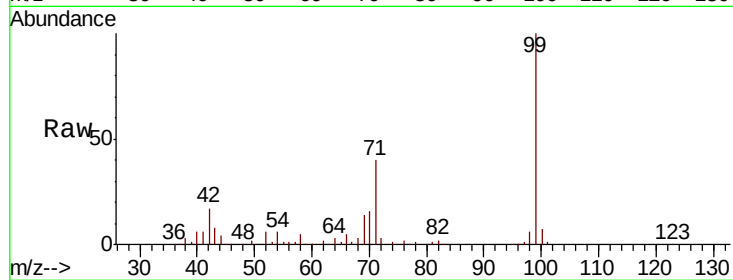
Tot Ion: 99 Resp: 201399

Ion Ratio Lower Upper

99 100

42 16.6 12.2 18.2

71 39.7 29.8 44.8



#10

Phenol

Concen: 2.342 ng

RT: 6.46 min Scan# 744

Delta R.T. -0.01 min

Lab File: BF117225.D

Acq: 24 Sep 2019 19:40

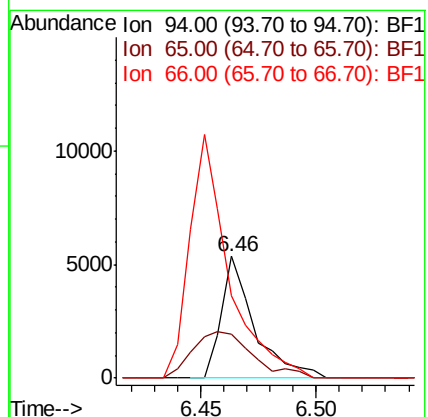
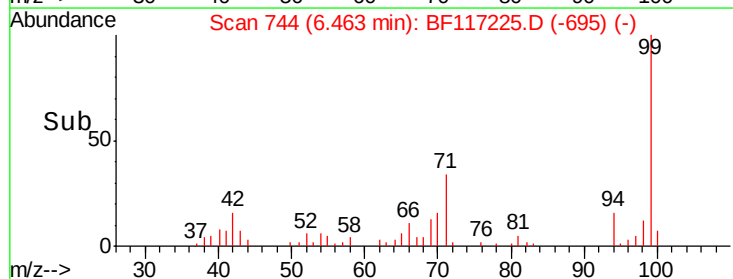
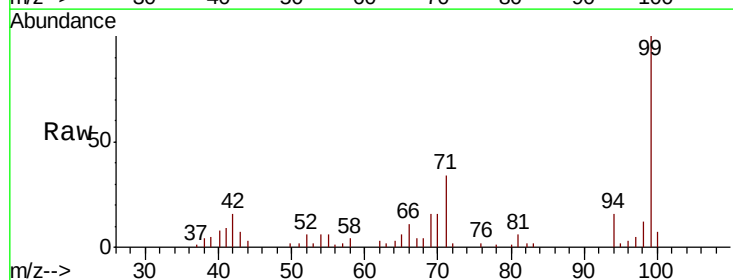
Tgt Ion: 94 Resp: 5266

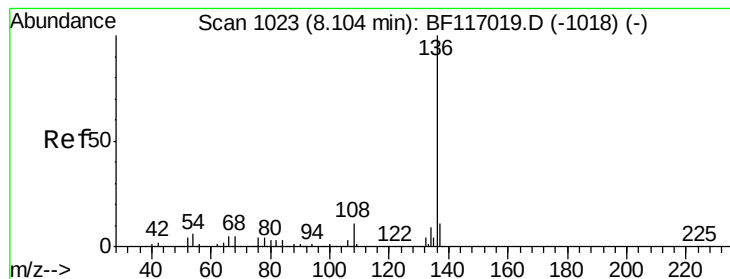
Ion Ratio Lower Upper

94 100

65 36.1 12.5 52.5

66 67.8 28.9 68.9





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.09 min Scan# 1021

Delta R.T. -0.01 min

Lab File: BF117225.D

Acq: 24 Sep 2019 19:40

Instrument :

BNA_F

ClientSampleId :

SB-7

Tot Ion:136 Resp: 95035

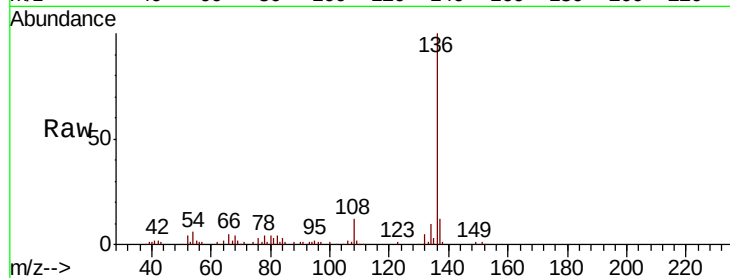
Ion Ratio Lower Upper

136 100

137 11.8 9.0 13.4

54 6.0 4.5 6.7

68 4.5 4.0 6.0

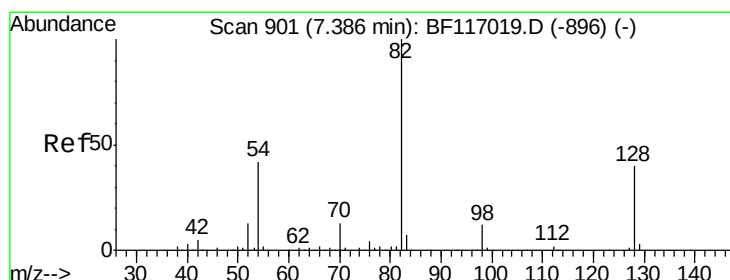
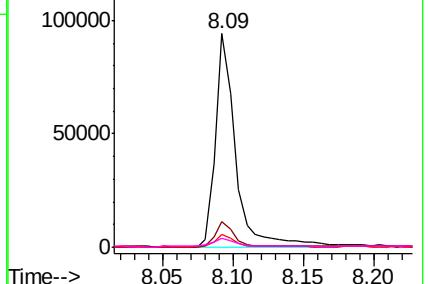
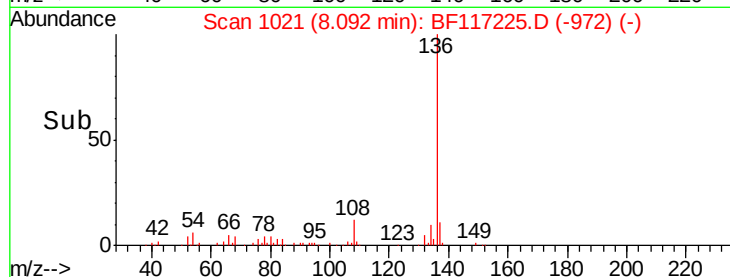


Abundance Ion 136.00 (135.70 to 136.70): E

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: 65.212 ng

RT: 7.37 min Scan# 899

Delta R.T. -0.01 min

Lab File: BF117225.D

Acq: 24 Sep 2019 19:40

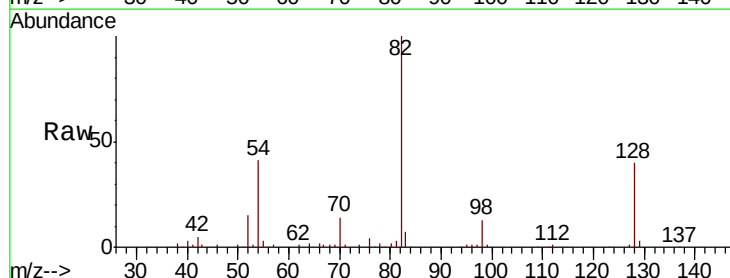
Tgt Ion: 82 Resp: 117950

Ion Ratio Lower Upper

82 100

128 40.4 32.3 48.5

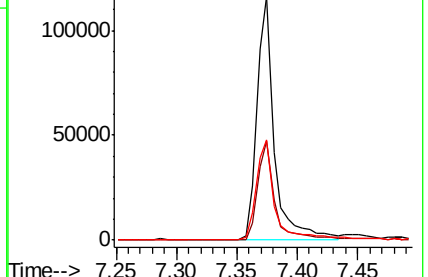
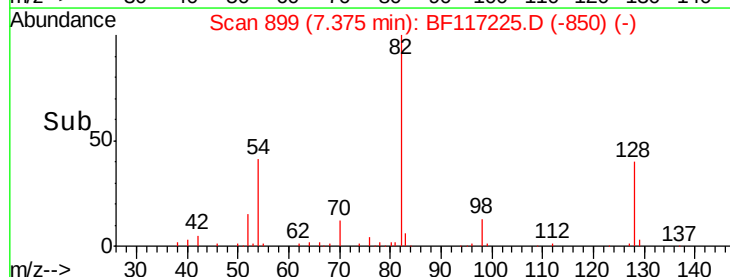
54 41.3 33.3 49.9

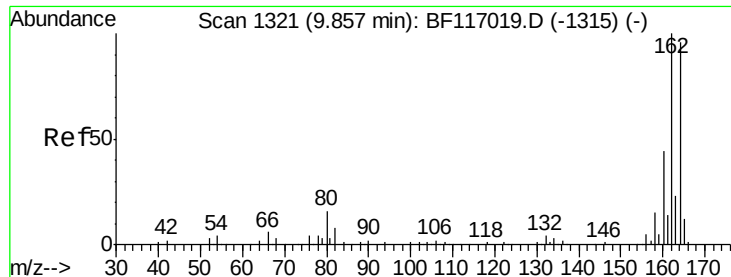


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1

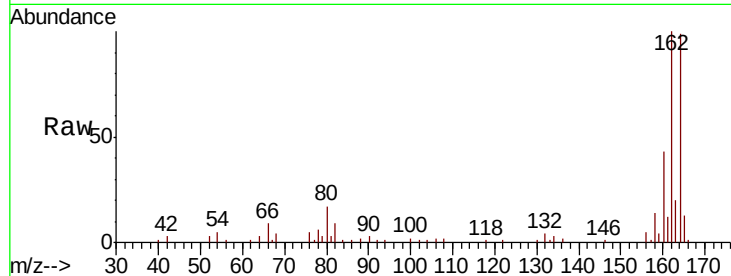




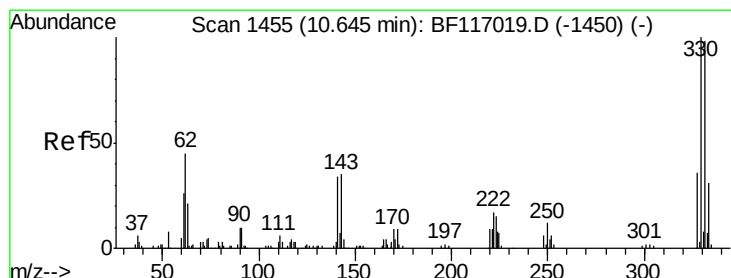
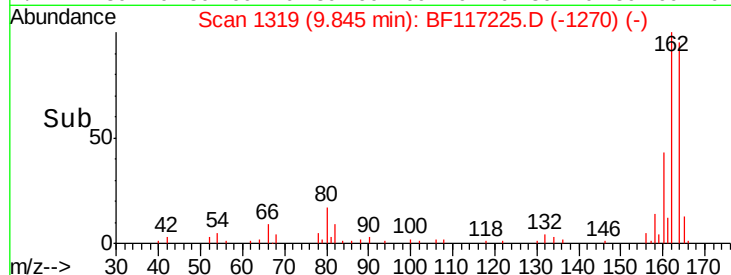
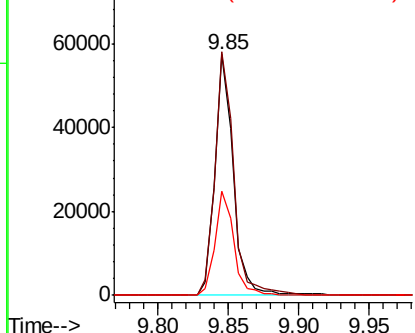
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.85 min Scan# 1319
 Delta R.T. -0.01 min
 Lab File: BF117225.D
 Acq: 24 Sep 2019 19:40

Instrument :
 BNA_F
 ClientSampleId :
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Tot Ion:164 Resp: 52064
 Ion Ratio Lower Upper
 164 100
 162 101.2 83.4 125.2
 160 43.5 36.4 54.6

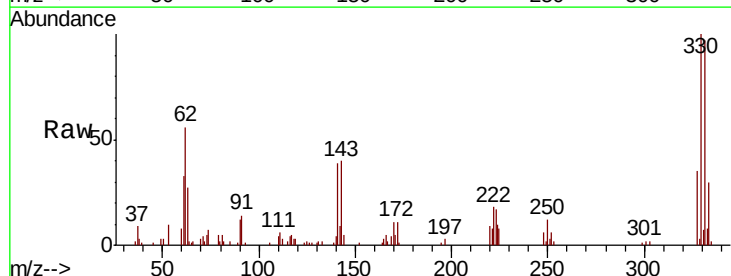


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

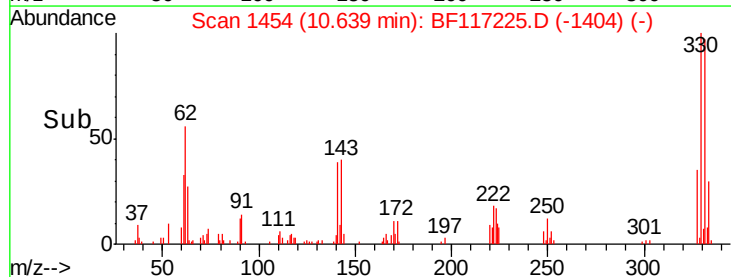
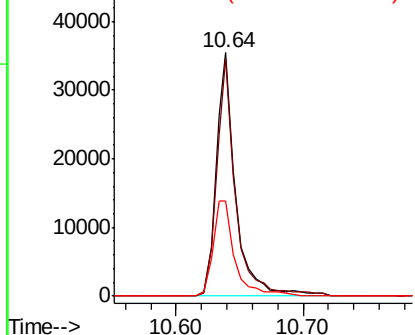


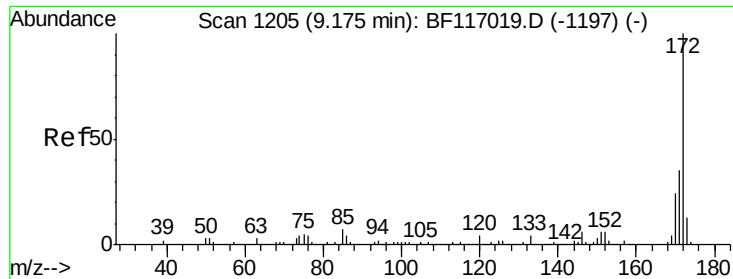
#42
 2,4,6-Tribromophenol
 Concen: 87.522 ng
 RT: 10.64 min Scan# 1454
 Delta R.T. -0.01 min
 Lab File: BF117225.D
 Acq: 24 Sep 2019 19:40

Tgt Ion:330 Resp: 38084
 Ion Ratio Lower Upper
 330 100
 332 95.2 78.0 117.0
 141 43.9 35.8 53.6



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

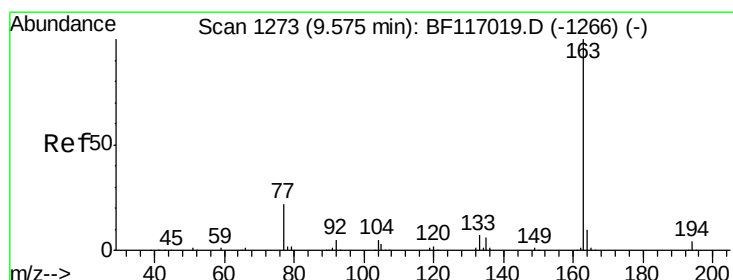
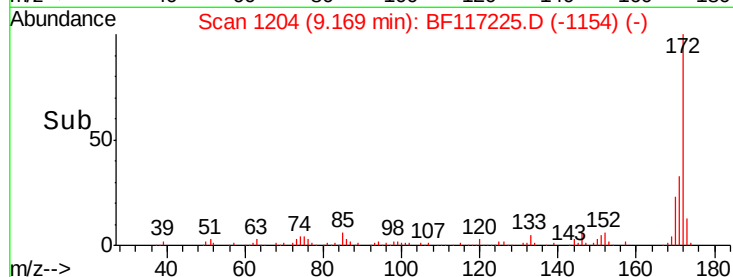
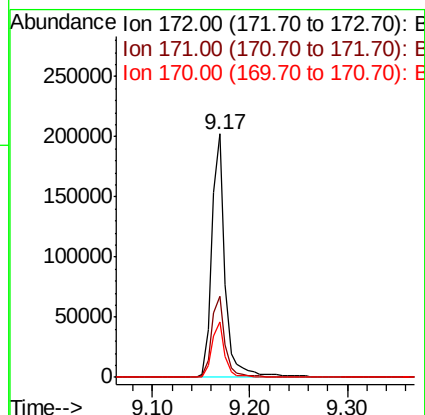
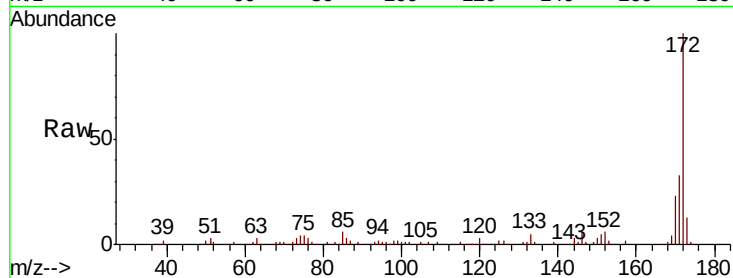




#45
2-Fluorobiphenyl
Concen: 57.540 ng
RT: 9.17 min Scan# 1204
Delta R.T. -0.01 min
Lab File: BF117225.D
Acq: 24 Sep 2019 19:40

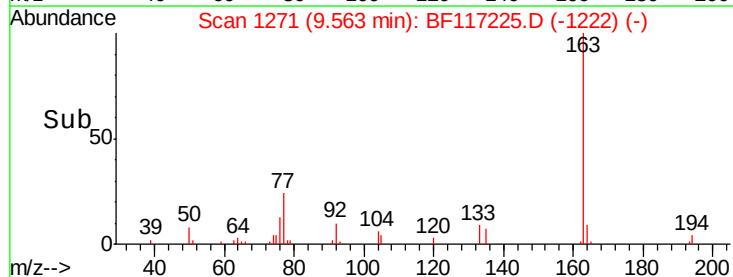
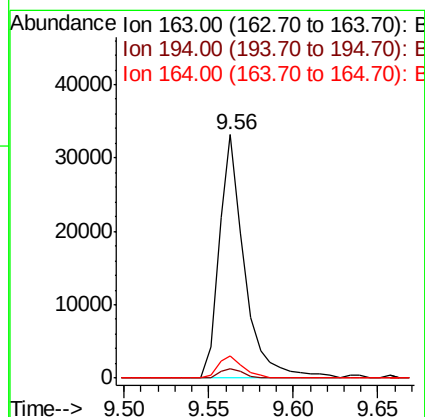
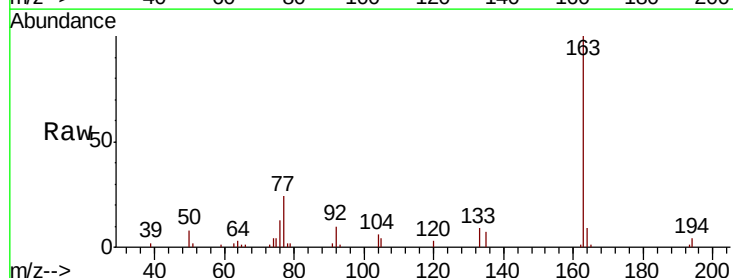
Instrument :
BNA_F
ClientSampled :
SB-7

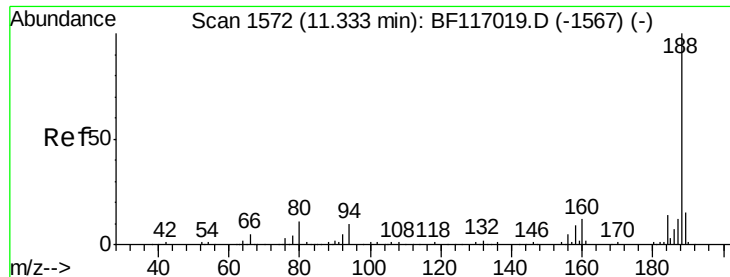
Tot Ion:172 Resp: 191598
Ion Ratio Lower Upper
172 100
171 33.3 28.2 42.2
170 22.8 18.9 28.3



#50
Dimethylphthalate
Concen: 9.414 ng
RT: 9.56 min Scan# 1271
Delta R.T. -0.01 min
Lab File: BF117225.D
Acq: 24 Sep 2019 19:40

Tgt Ion:163 Resp: 34705
Ion Ratio Lower Upper
163 100
194 3.8 2.9 4.3
164 9.1 8.2 12.4

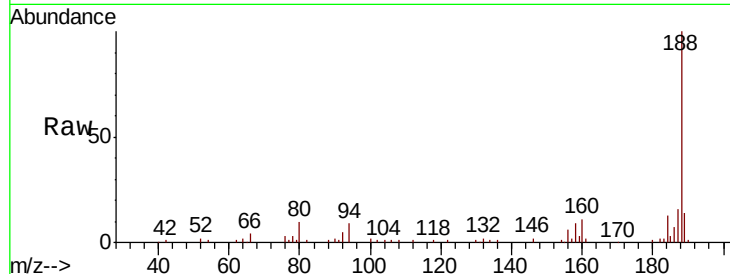




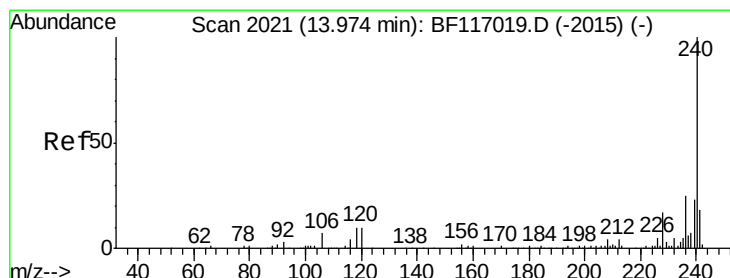
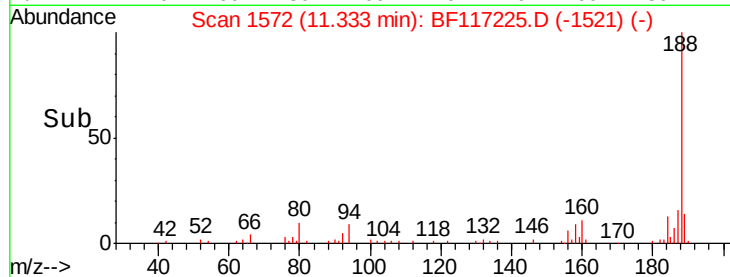
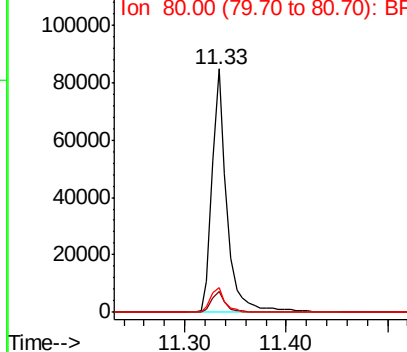
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1572
Delta R.T. 0.00 min
Lab File: BF117225.D
Acq: 24 Sep 2019 19:40

Instrument :
BNA_F
ClientSampled :
SB-7

Tot Ion:188 Resp: 86376
Ion Ratio Lower Upper
188 100
94 8.6 8.2 12.2
80 9.9 9.0 13.6

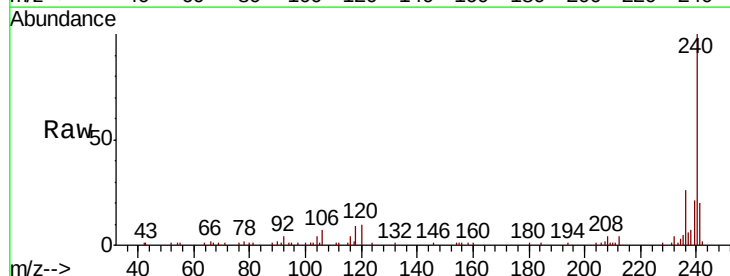


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

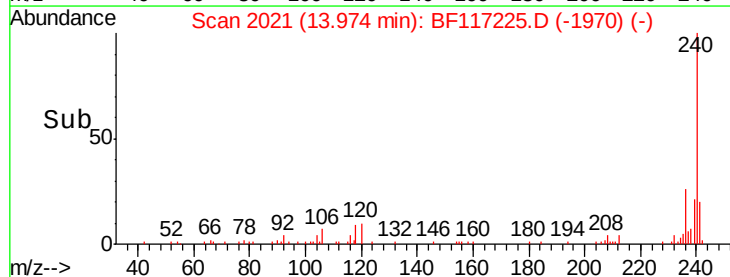
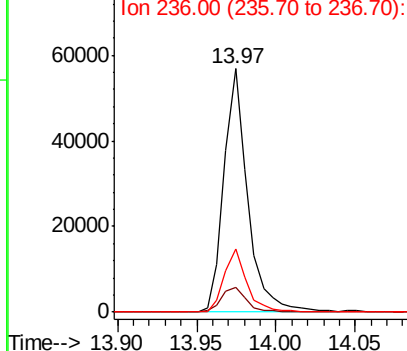


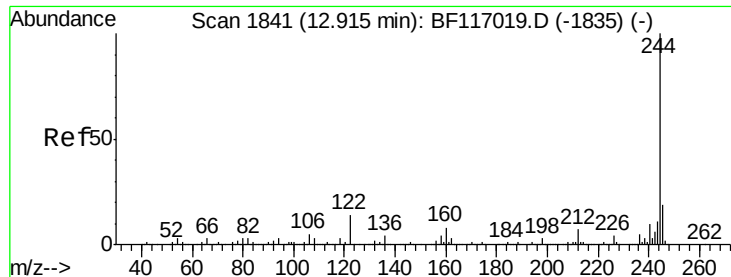
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2021
Delta R.T. 0.00 min
Lab File: BF117225.D
Acq: 24 Sep 2019 19:40

Tgt Ion:240 Resp: 59221
Ion Ratio Lower Upper
240 100
120 10.3 8.3 12.5
236 26.0 20.3 30.5



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

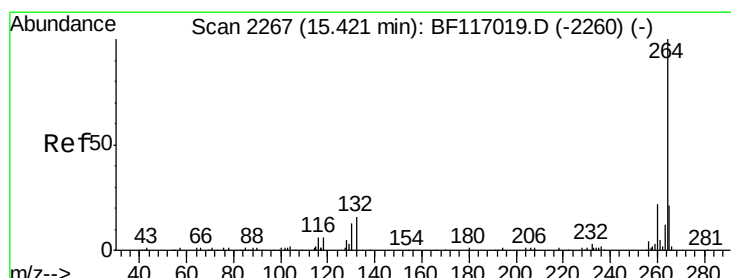
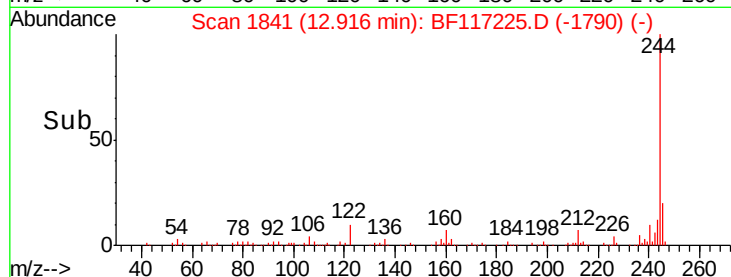
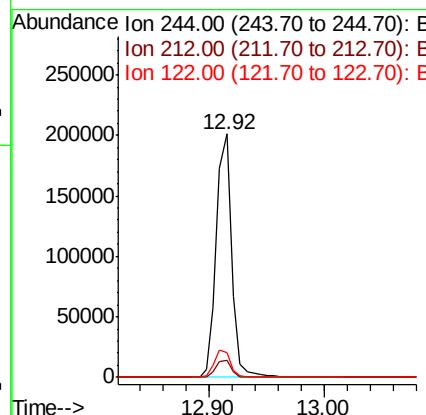
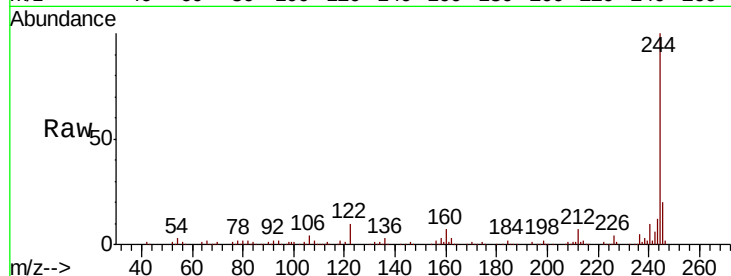




#79
 Terphenyl-d14
 Concen: 59.347 ng
 RT: 12.92 min Scan# 1841
 Delta R.T. 0.00 min
 Lab File: BF117225.D
 Acq: 24 Sep 2019 19:40

Instrument :
 BNA_F
 ClientSampled :
 SB-7

Tot Ion:244 Resp: 188023
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.8 8.8
 122 10.4 11.3 16.9#



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.43 min Scan# 2268
 Delta R.T. 0.01 min
 Lab File: BF117225.D
 Acq: 24 Sep 2019 19:40

Tgt Ion:264 Resp: 67741
 Ion Ratio Lower Upper
 264 100
 260 24.1 17.6 26.4
 265 22.2 16.6 24.8

