

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111919\
 Data File : BF117866.D
 Acq On : 19 Nov 2019 18:20
 Operator : JU
 Sample : K5904-14
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 12-(2-4)

Quant Time: Nov 20 01:07:41 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

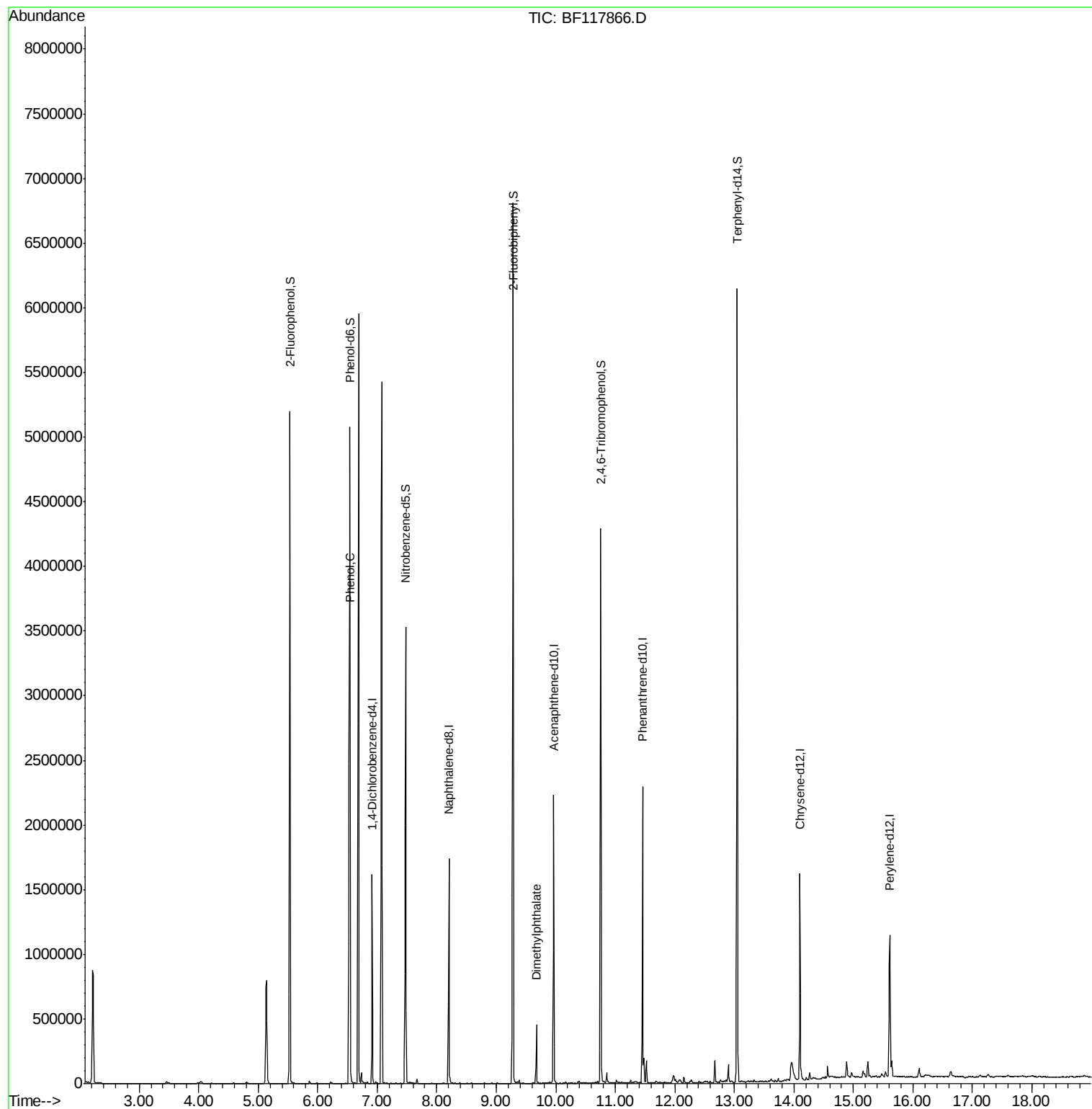
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.92	152	214998	20.00	ng	-0.01
21) Naphthalene-d8	8.20	136	836897	20.00	ng	-0.01
39) Acenaphthene-d10	9.96	164	436683	20.00	ng	-0.01
64) Phenanthrene-d10	11.46	188	767601	20.00	ng	-0.01
76) Chrysene-d12	14.10	240	474813	20.00	ng	-0.01
87) Perylene-d12	15.61	264	501014	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	1567613	129.06	ng	0.00
7) Phenol-d6	6.54	99	2028221	138.44	ng	0.00
23) Nitrobenzene-d5	7.48	82	1235447	87.76	ng	-0.01
42) 2,4,6-Tribromophenol	10.76	330	501681	108.52	ng	-0.01
45) 2-Fluorobiphenyl	9.28	172	2224512	91.39	ng	-0.01
79) Terphenyl-d14	13.05	244	2221889	85.52	ng	0.00
Target Compounds						
10) Phenol	6.55	94	91387	6.003	ng	97
50) Dimethylphthalate	9.67	163	193420	6.316	ng	98

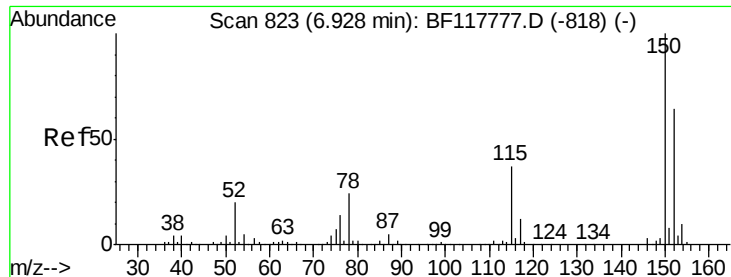
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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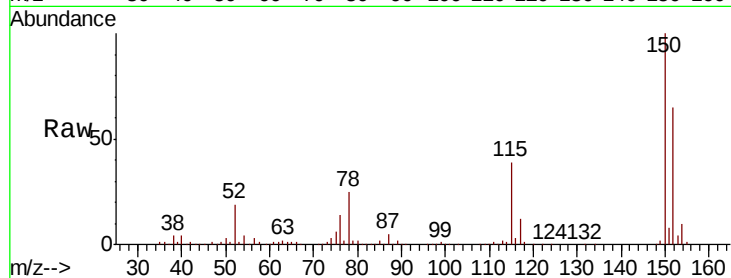


#1

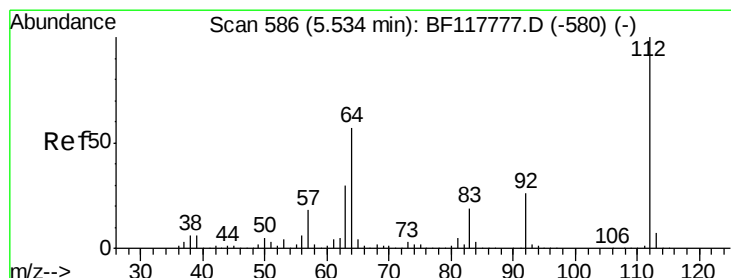
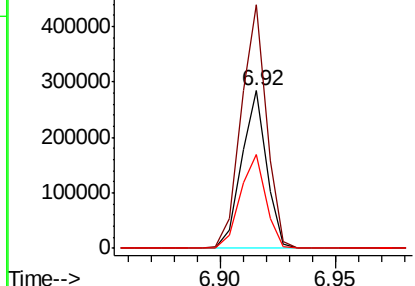
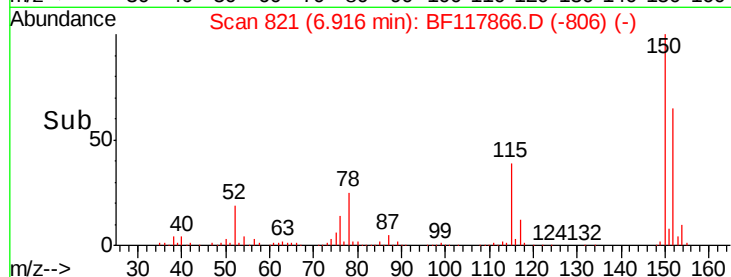
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.92 min Scan# 821
Delta R.T. -0.01 min
Lab File: BF117866.D
Acq: 19 Nov 2019 18:20

Instrument :
BNA_F
ClientSampleId :
12-(2-4)

Tot Ion:152 Resp: 214998
Ion Ratio Lower Upper
152 100
150 154.7 125.3 187.9
115 59.8 47.0 70.4



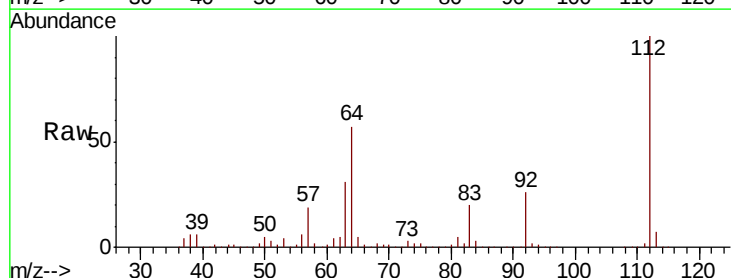
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



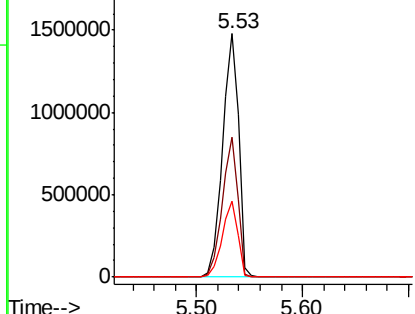
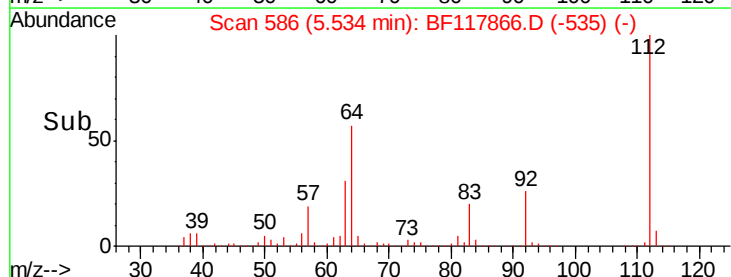
#5

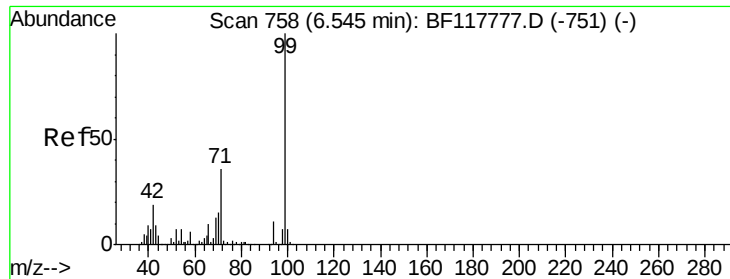
2-Fluorophenol
Concen: 129.064 ng
RT: 5.53 min Scan# 586
Delta R.T. -0.00 min
Lab File: BF117866.D
Acq: 19 Nov 2019 18:20

Tgt Ion:112 Resp: 1567613
Ion Ratio Lower Upper
112 100
64 57.3 45.6 68.4
63 31.2 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: 138.444 ng

RT: 6.54 min Scan# 757

Delta R.T. -0.01 min

Lab File: BF117866.D

Acq: 19 Nov 2019 18:20

Instrument :

BNA_F

ClientSampleId :

12-(2-4)

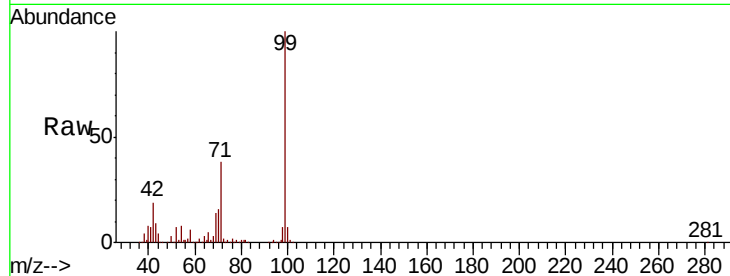
Tot Ion: 99 Resp: 2028221

Ion	Ratio	Lower	Upper
99	100		
42	19.3	14.9	22.3
71	38.1	28.6	43.0

99 100

42 19.3 14.9 22.3

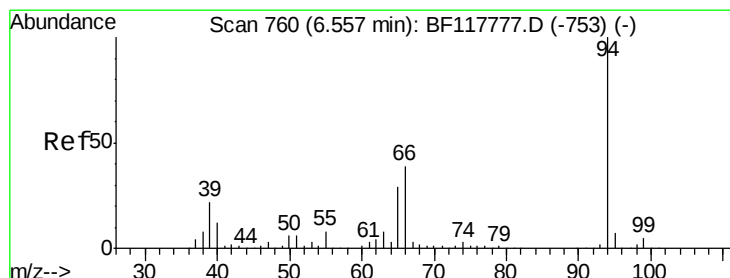
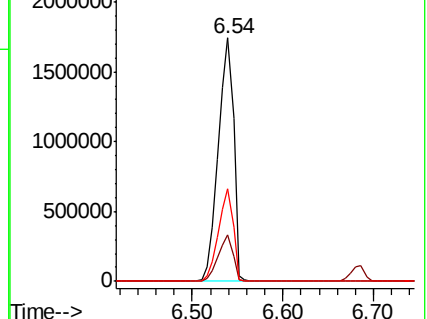
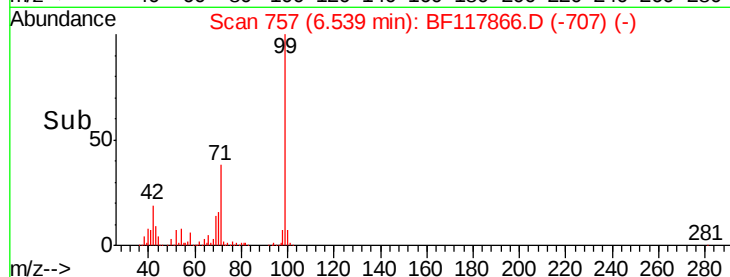
71 38.1 28.6 43.0



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



#10

Phenol

Concen: 6.003 ng

RT: 6.55 min Scan# 759

Delta R.T. -0.01 min

Lab File: BF117866.D

Acq: 19 Nov 2019 18:20

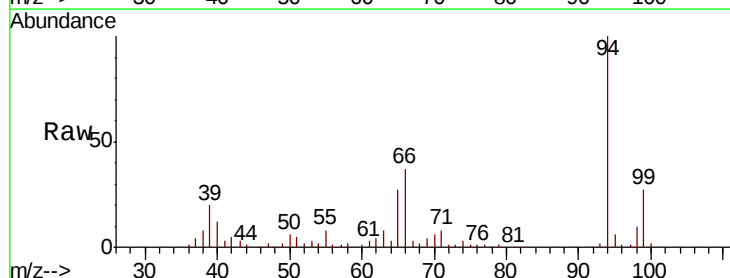
Tgt Ion: 94 Resp: 91387

Ion	Ratio	Lower	Upper
94	100		
65	27.3	8.9	48.9
66	37.0	18.7	58.7

94 100

65 27.3 8.9 48.9

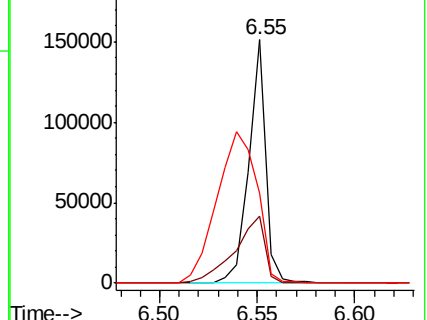
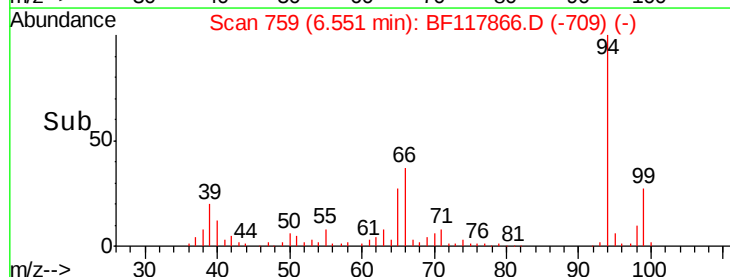
66 37.0 18.7 58.7

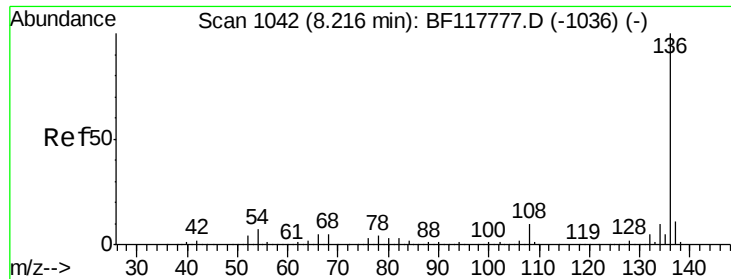


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

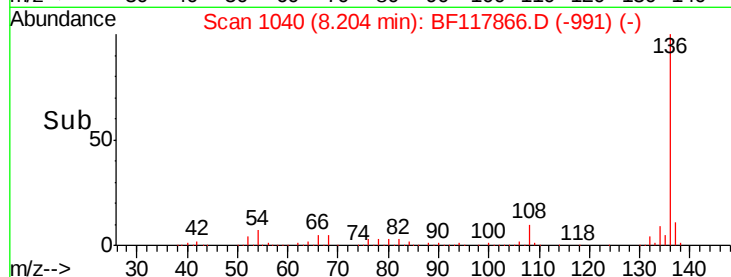
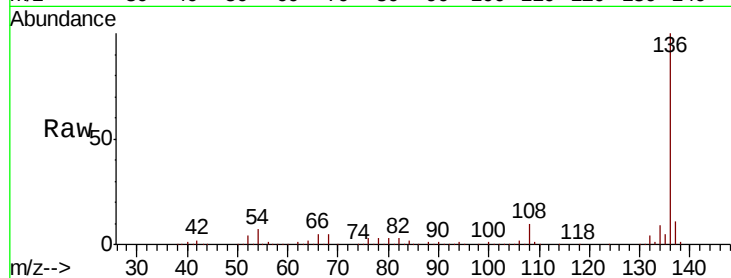




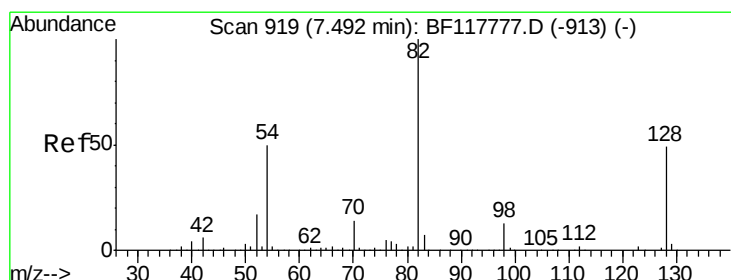
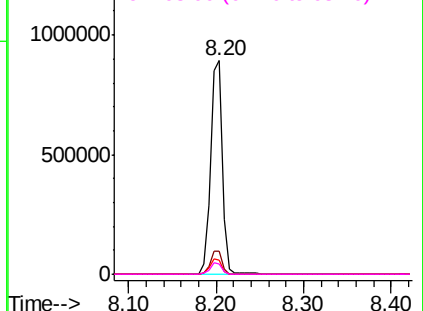
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.20 min Scan# 1040
Delta R.T. -0.01 min
Lab File: BF117866.D
Acq: 19 Nov 2019 18:20

Instrument :
BNA_F
ClientSampleId :
12-(2-4)

Tot Ion:136	Resp:	836897
Ion Ratio	Lower	Upper
136	100	
137	10.9	9.0 13.4
54	6.6	5.4 8.2
68	4.7	4.3 6.5

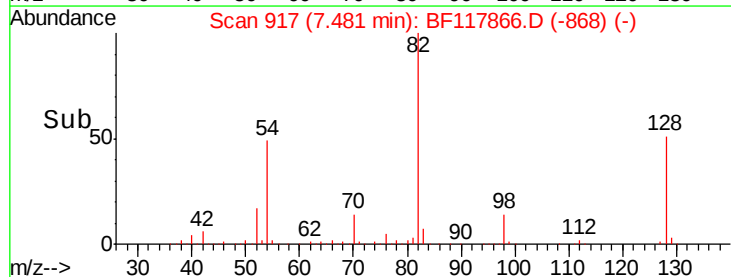
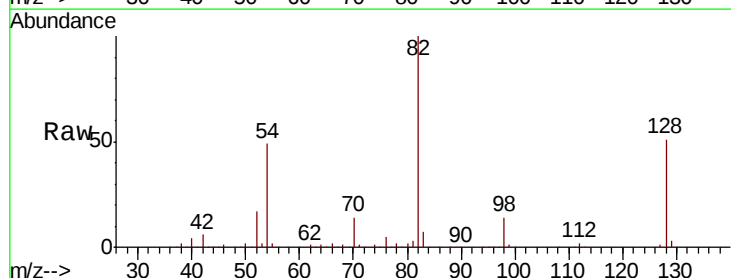


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

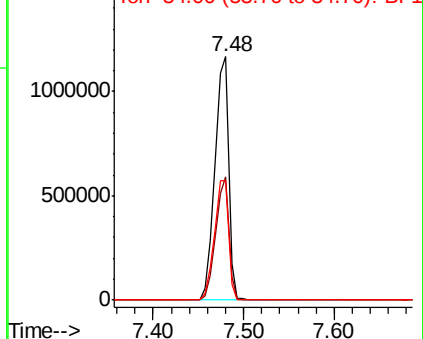


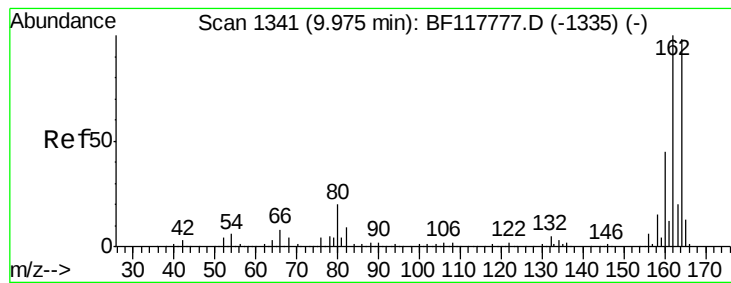
#23
Nitrobenzene-d5
Concen: 87.755 ng
RT: 7.48 min Scan# 917
Delta R.T. -0.01 min
Lab File: BF117866.D
Acq: 19 Nov 2019 18:20

Tgt Ion: 82	Resp:	1235447
Ion Ratio	Lower	Upper
82	100	
128	50.7	38.9 58.3
54	49.3	39.8 59.6



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: 9.96 min Scan# 1339

Delta R.T. -0.01 min

Lab File: BF117866.D

Acq: 19 Nov 2019 18:20

Instrument :

BNA_F

ClientSampleId :

12-(2-4)

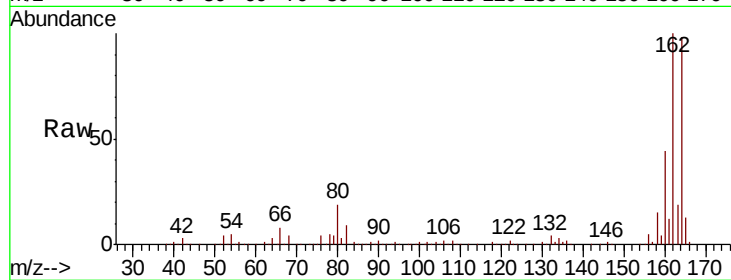
Tot Ion:164 Resp: 436683

Ion Ratio Lower Upper

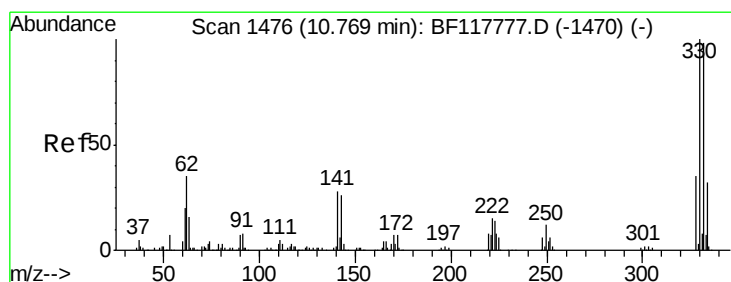
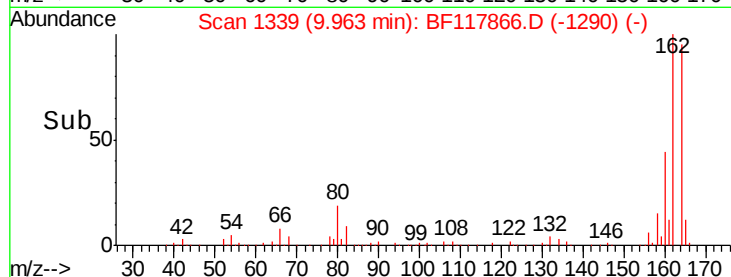
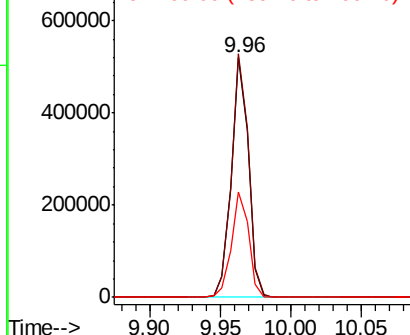
164 100

162 101.8 81.3 121.9

160 44.3 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: 108.516 ng

RT: 10.76 min Scan# 1474

Delta R.T. -0.01 min

Lab File: BF117866.D

Acq: 19 Nov 2019 18:20

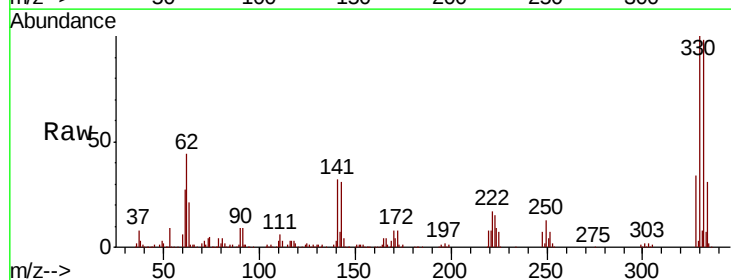
Tgt Ion:330 Resp: 501681

Ion Ratio Lower Upper

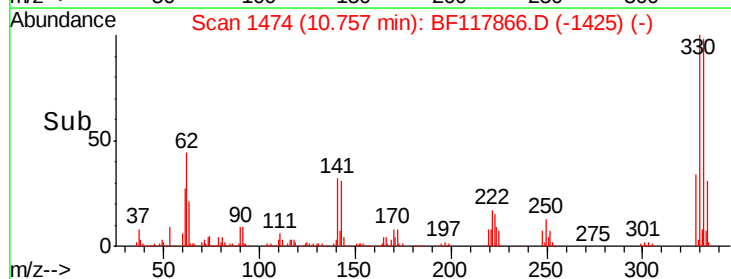
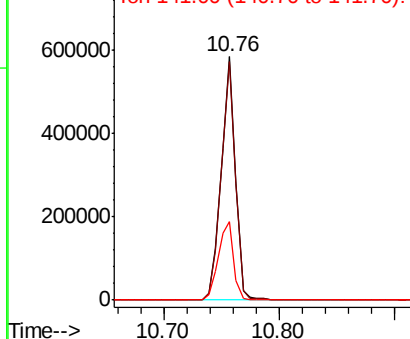
330 100

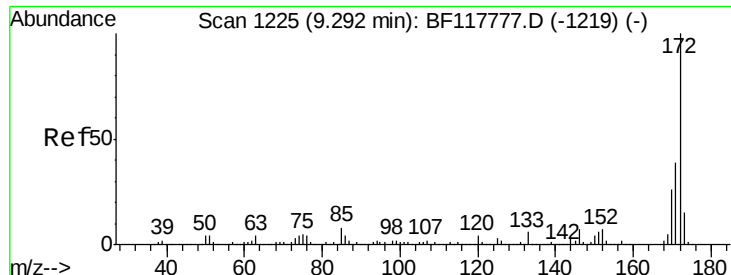
332 98.8 76.7 115.1

141 34.4 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

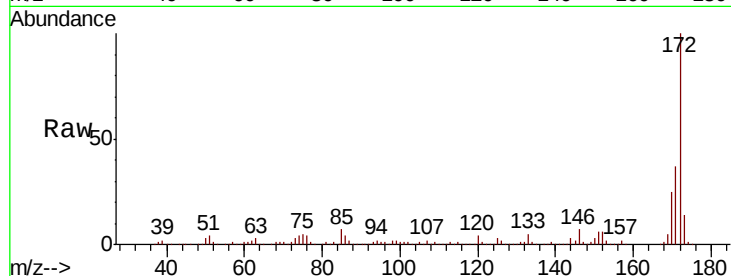




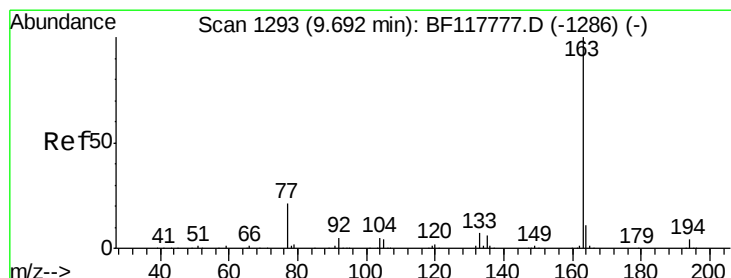
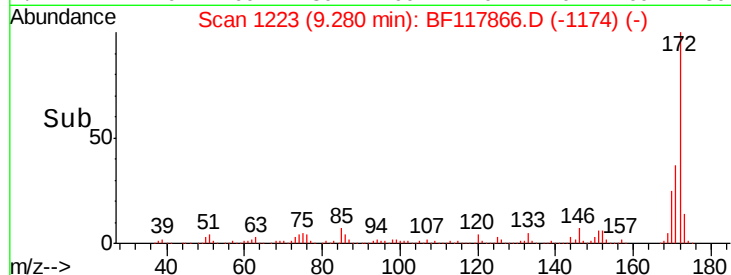
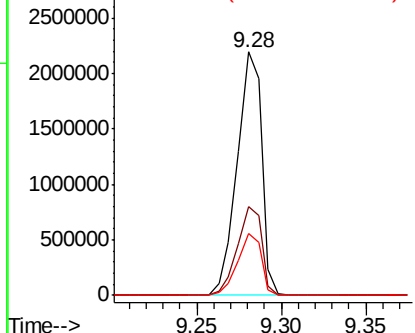
#45
2-Fluorobiphenyl
Concen: 91.390 ng
RT: 9.28 min Scan# 1223
Delta R.T. -0.01 min
Lab File: BF117866.D
Acq: 19 Nov 2019 18:20

Instrument :
BNA_F
ClientSampleId :
12-(2-4)

Tot Ion:172 Resp: 2224512
Ion Ratio Lower Upper
172 100
171 36.5 30.9 46.3
170 25.4 21.0 31.4

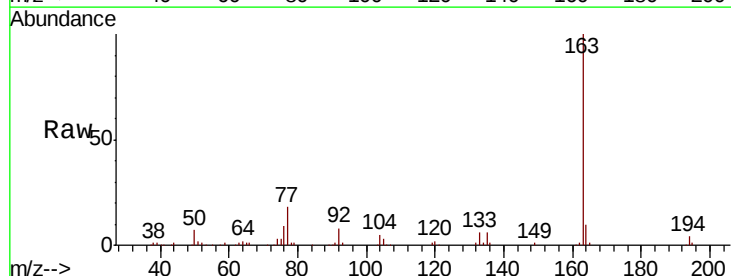


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

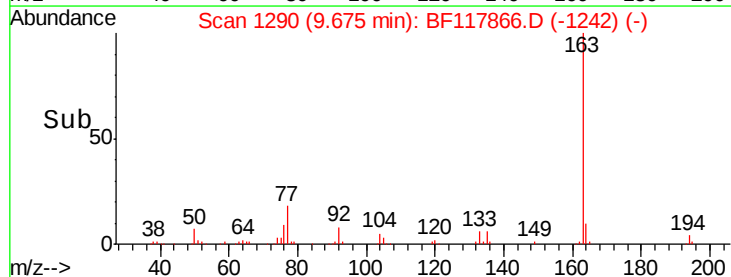
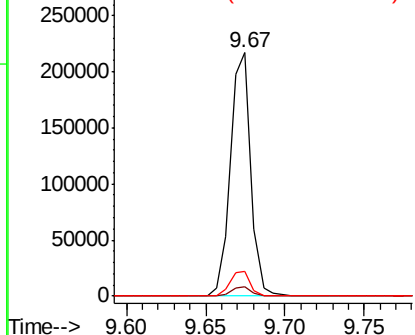


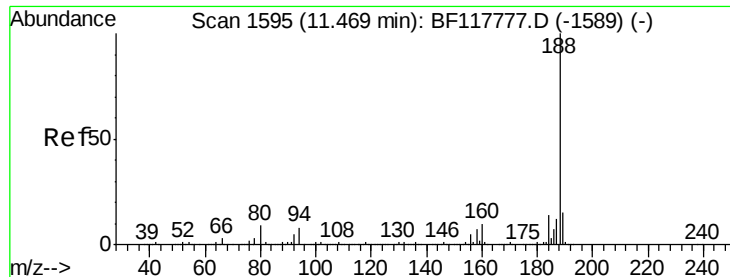
#50
Dimethylphthalate
Concen: 6.316 ng
RT: 9.67 min Scan# 1290
Delta R.T. -0.02 min
Lab File: BF117866.D
Acq: 19 Nov 2019 18:20

Tgt Ion:163 Resp: 193420
Ion Ratio Lower Upper
163 100
194 3.9 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

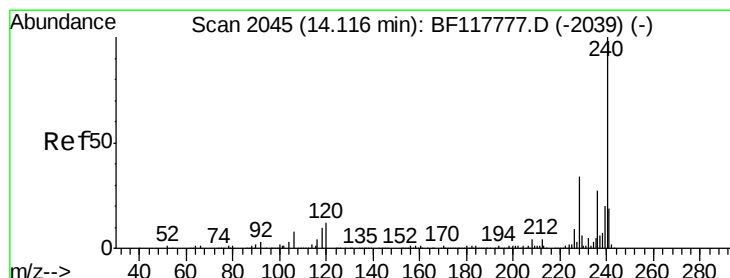
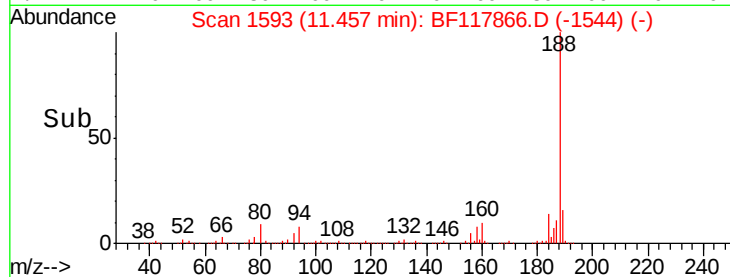
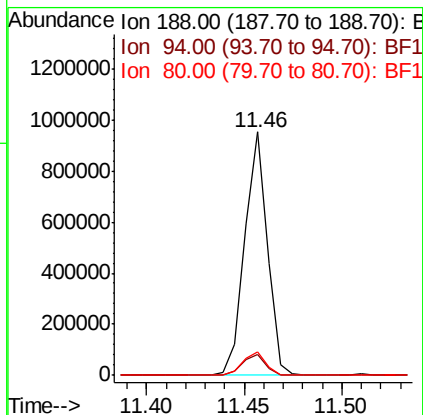
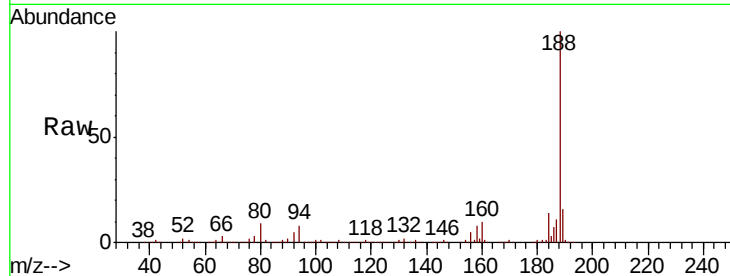




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.46 min Scan# 1593
Delta R.T. -0.01 min
Lab File: BF117866.D
Acq: 19 Nov 2019 18:20

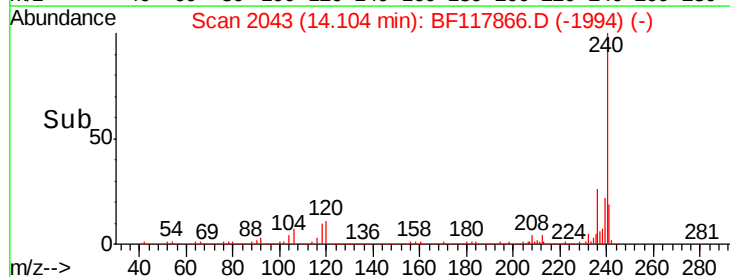
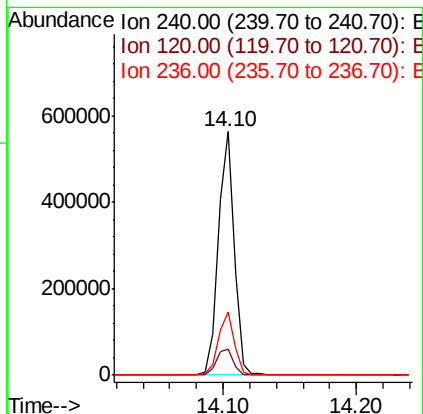
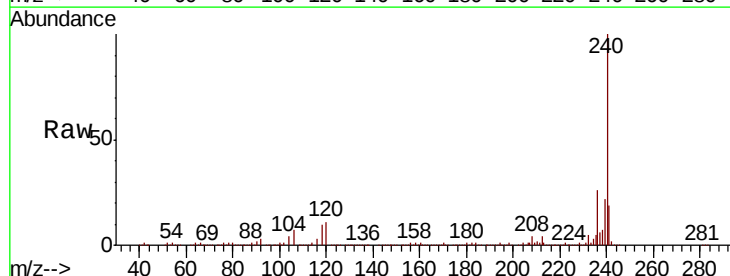
Instrument :
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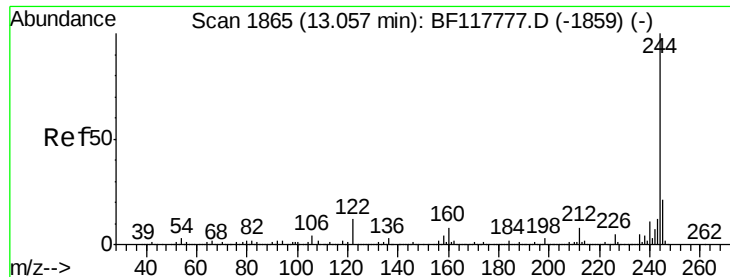
Tot Ion:188 Resp: 767601
Ion Ratio Lower Upper
188 100
94 8.5 6.6 10.0
80 9.5 7.2 10.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.10 min Scan# 2043
Delta R.T. -0.01 min
Lab File: BF117866.D
Acq: 19 Nov 2019 18:20

Tgt Ion:240 Resp: 474813
Ion Ratio Lower Upper
240 100
120 10.7 9.5 14.3
236 26.1 21.3 31.9

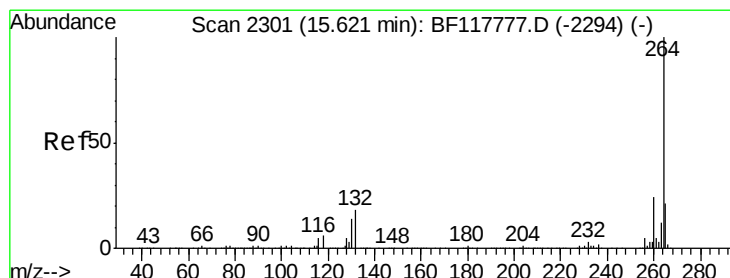
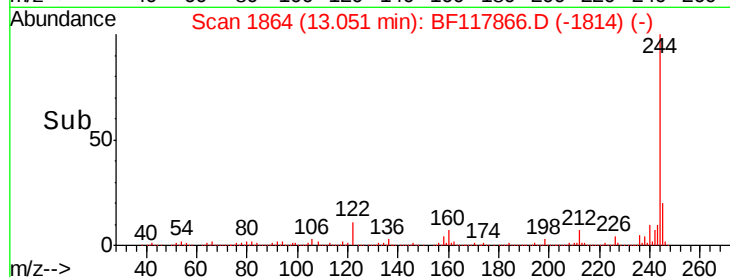
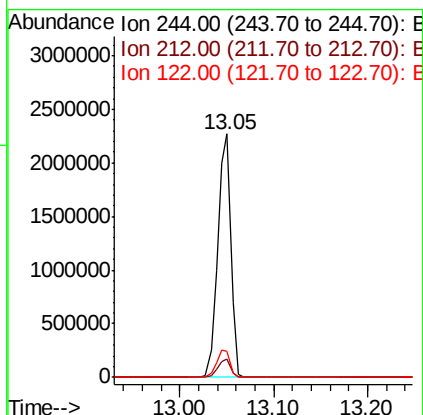
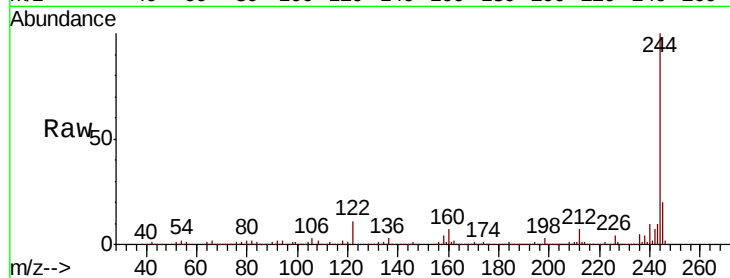




#79
 Terphenyl-d14
 Concen: 85.523 ng
 RT: 13.05 min Scan# 1864
 Delta R.T. -0.01 min
 Lab File: BF117866.D
 Acq: 19 Nov 2019 18:20

Instrument :
 BNA_F
 ClientSampleId :
 12-(2-4)

Tot Ion:244 Resp: 2221889
 Ion Ratio Lower Upper
 244 100
 212 7.4 6.3 9.5
 122 10.7 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: BF117866.D
 Acq: 19 Nov 2019 18:20

Tgt Ion:264 Resp: 501014
 Ion Ratio Lower Upper
 264 100
 260 24.0 19.4 29.0
 265 21.7 17.1 25.7

