

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF103119\
 Data File : BF117663.D
 Acq On : 31 Oct 2019 17:32
 Operator : JU
 Sample : K5541-07RE
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 152-50-(0-1)RE

Quant Time: Nov 01 01:55:30 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF101819.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 18 18:53:31 2019
 Response via : Initial Calibration

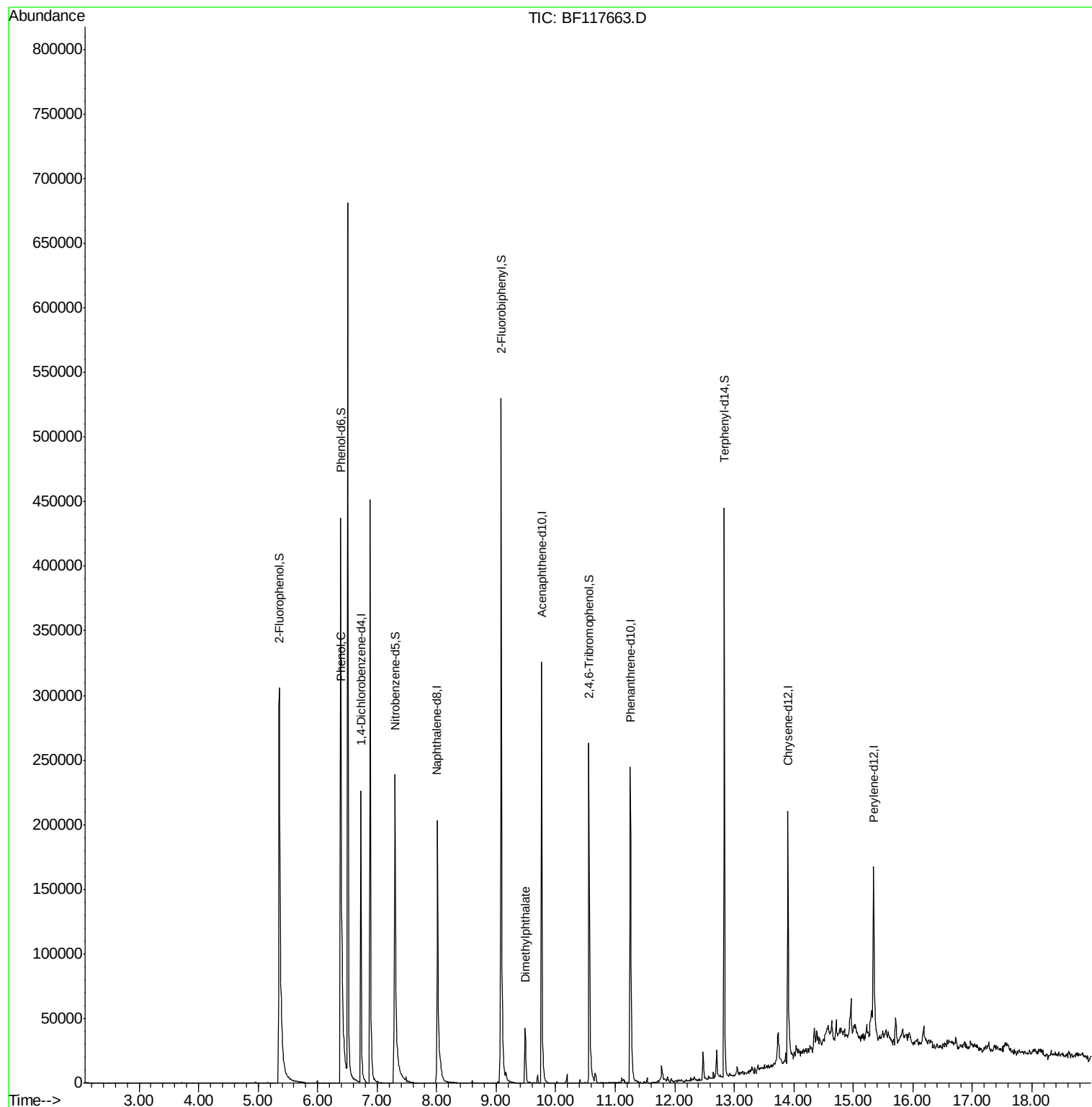
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	39296	20.00	ng	0.00
21) Naphthalene-d8	8.01	136	162085	20.00	ng	0.00
39) Acenaphthene-d10	9.76	164	81127	20.00	ng	0.00
64) Phenanthrene-d10	11.25	188	118756	20.00	ng	0.00
76) Chrysene-d12	13.90	240	73728	20.00	ng	0.00
87) Perylene-d12	15.34	264	67757	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	172973	65.49	ng	0.00
7) Phenol-d6	6.39	99	253823	71.55	ng	0.00
23) Nitrobenzene-d5	7.30	82	155961	47.50	ng	0.00
42) 2,4,6-Tribromophenol	10.56	330	40907	58.28	ng	0.00
45) 2-Fluorobiphenyl	9.08	172	217612	37.79	ng	-0.01
79) Terphenyl-d14	12.83	244	153659	33.99	ng	0.00
Target Compounds						
10) Phenol	6.40	94	11000	3.038	ng	Qvalue # 83
50) Dimethylphthalate	9.49	163	27191	4.701	ng	98

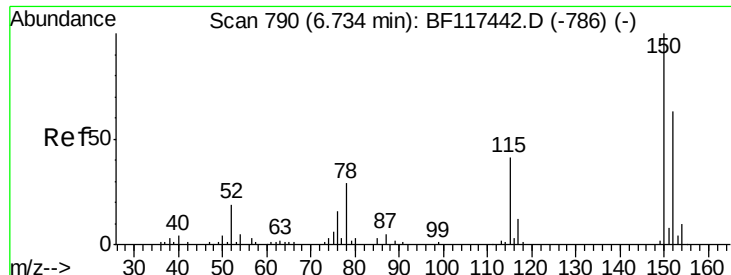
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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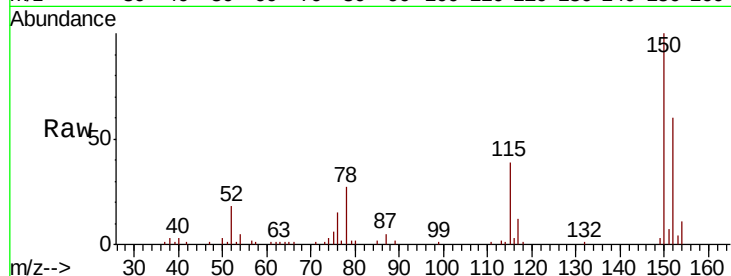


#1

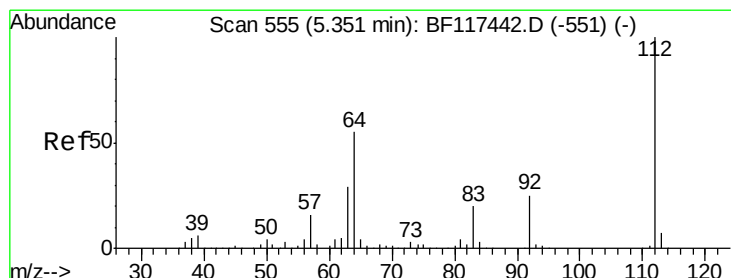
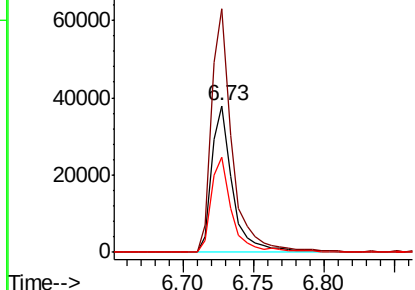
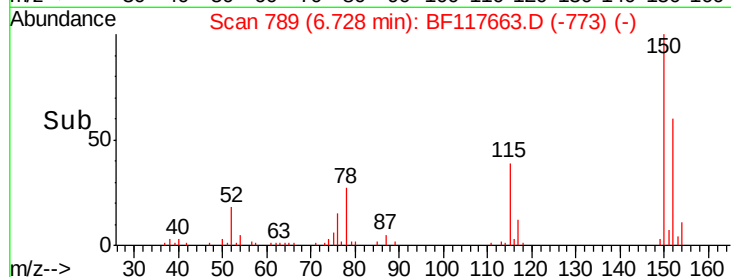
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 789
Delta R.T. -0.01 min
Lab File: BF117663.D
Acq: 31 Oct 2019 17:32

Instrument :
BNA_F
ClientSampleId :
152-50-(0-1)RE

Tot Ion:152 Resp: 39296
Ion Ratio Lower Upper
152 100
150 166.0 126.8 190.2
115 65.1 51.6 77.4



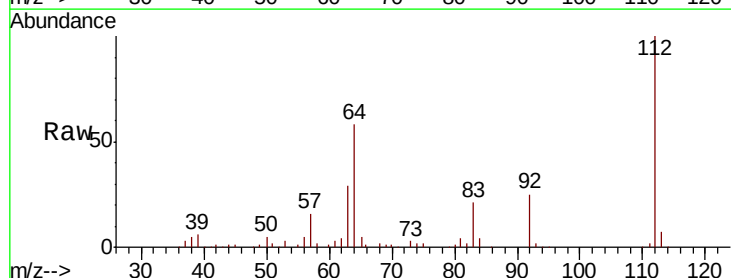
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



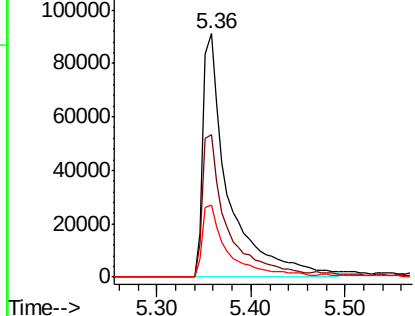
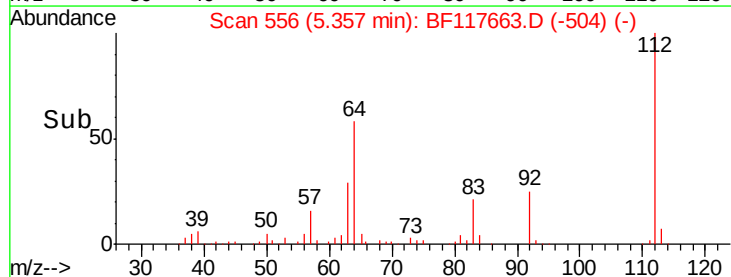
#5

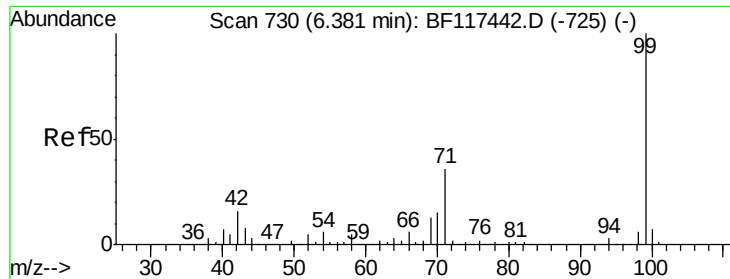
2-Fluorophenol
Concen: 65.486 ng
RT: 5.36 min Scan# 556
Delta R.T. 0.01 min
Lab File: BF117663.D
Acq: 31 Oct 2019 17:32

Tgt Ion:112 Resp: 172973
Ion Ratio Lower Upper
112 100
64 58.5 44.1 66.1
63 29.4 23.4 35.2



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: 71.546 ng

RT: 6.39 min Scan# 731

Delta R.T. 0.01 min

Lab File: BF117663.D

Acq: 31 Oct 2019 17:32

Instrument :

BNA_F

ClientSampleId :

152-50-(0-1)RE

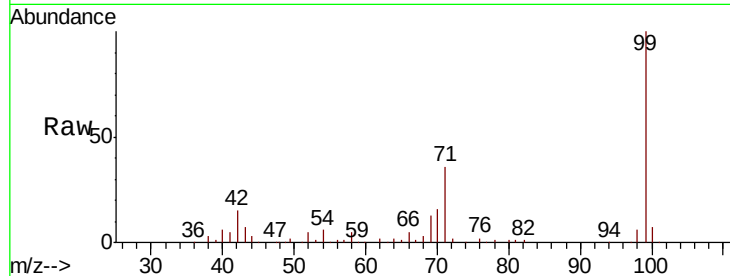
Tot Ion: 99 Resp: 253823

Ion Ratio Lower Upper

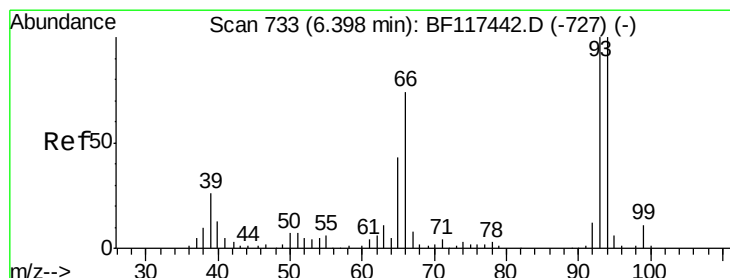
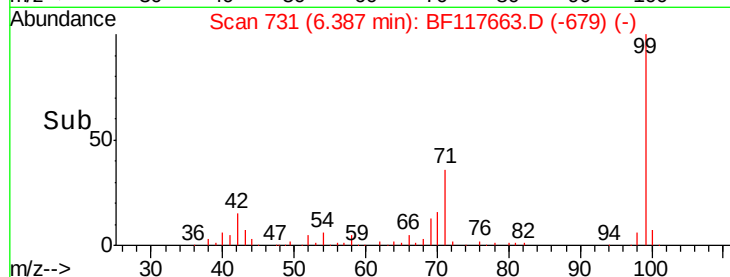
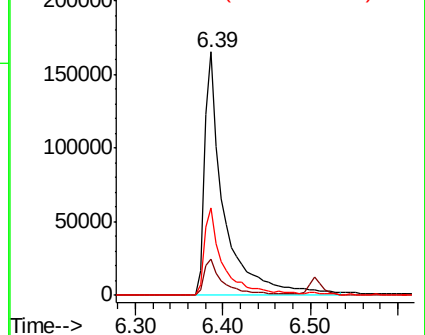
99 100

42 14.7 12.8 19.2

71 36.1 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: 3.038 ng

RT: 6.40 min Scan# 733

Delta R.T. 0.00 min

Lab File: BF117663.D

Acq: 31 Oct 2019 17:32

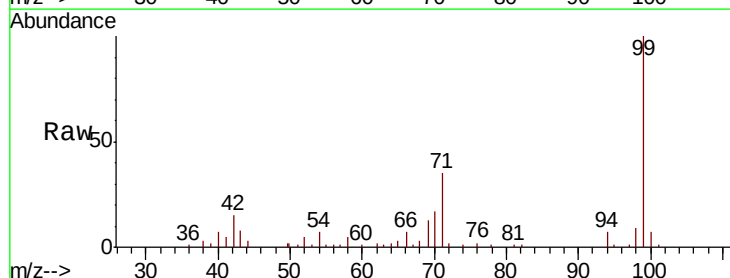
Tgt Ion: 94 Resp: 11000

Ion Ratio Lower Upper

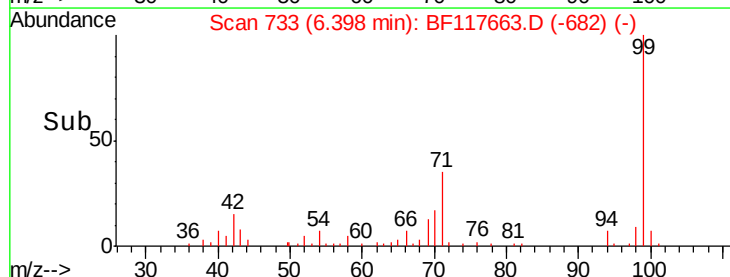
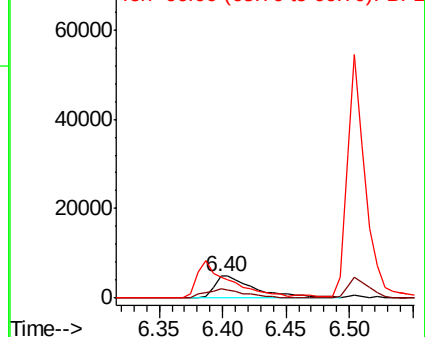
94 100

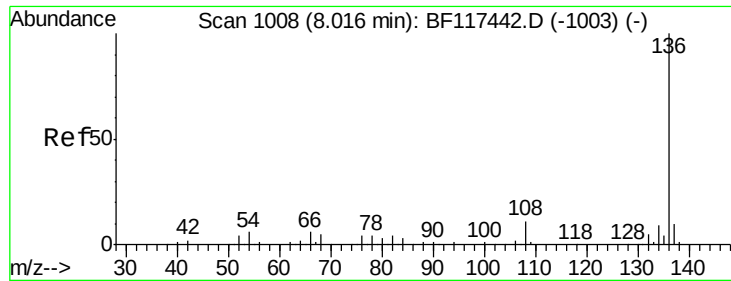
65 40.4 23.4 63.4

66 95.3 54.7 94.7#



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

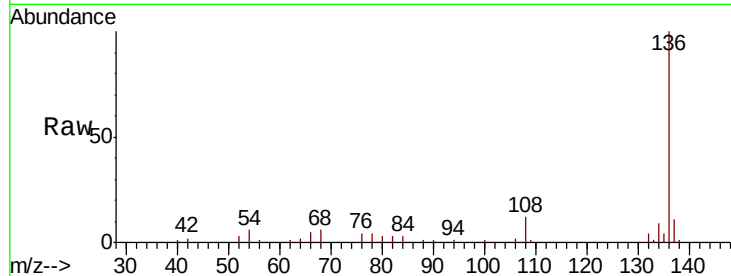




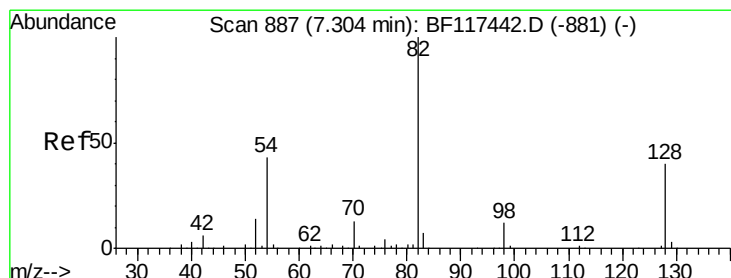
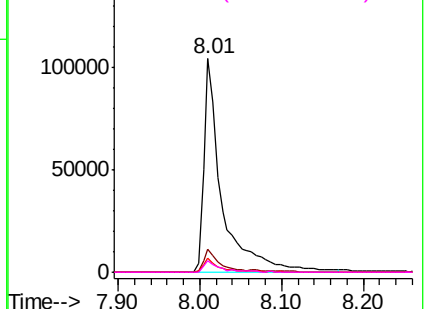
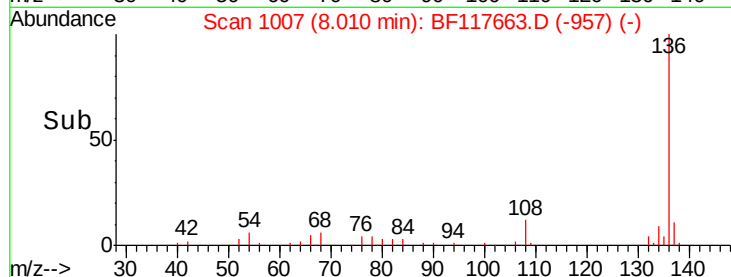
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.01 min Scan# 1007
Delta R.T. -0.01 min
Lab File: BF117663.D
Acq: 31 Oct 2019 17:32

Instrument :
BNA_F
ClientSampleId :
152-50-(0-1)RE

Tot Ion:136	Resp:	162085
Ion	Ratio	Lower Upper
136	100	
137	10.6	8.2 12.4
54	6.3	4.5 6.7
68	5.7	4.3 6.5

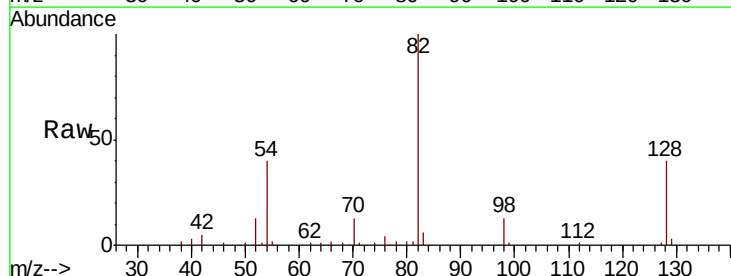


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

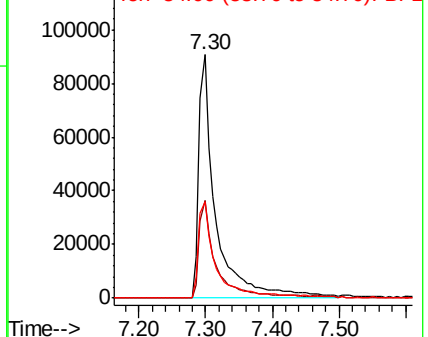
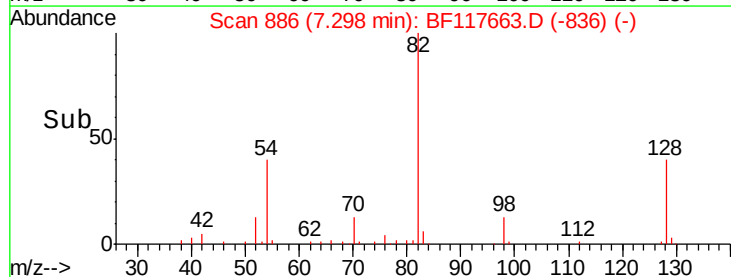


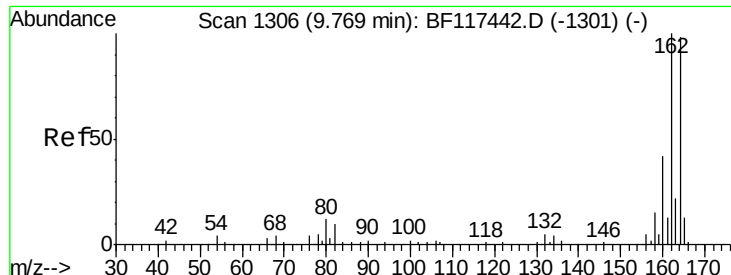
#23
Nitrobenzene-d5
Concen: 47.503 ng
RT: 7.30 min Scan# 886
Delta R.T. -0.01 min
Lab File: BF117663.D
Acq: 31 Oct 2019 17:32

Tgt Ion: 82	Resp:	155961
Ion	Ratio	Lower Upper
82	100	
128	39.9	32.2 48.2
54	39.7	34.2 51.2



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

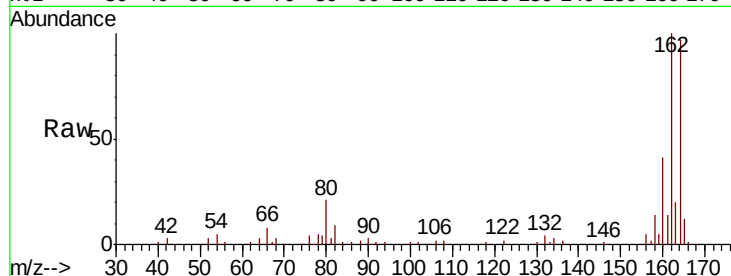




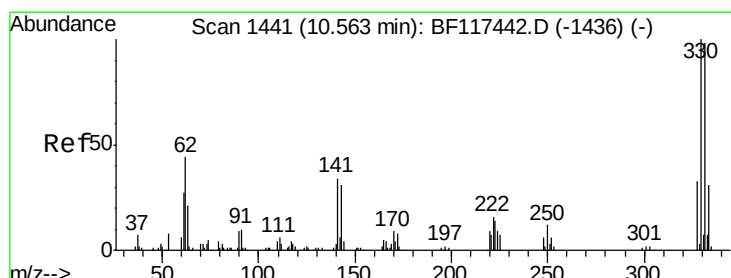
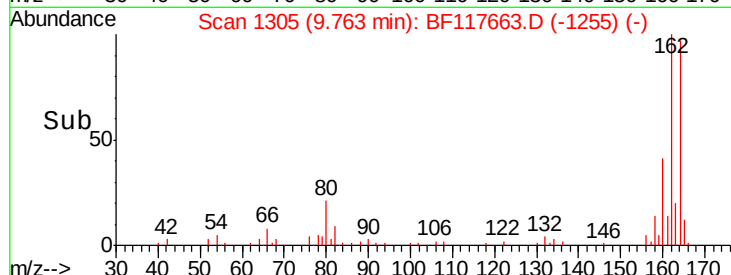
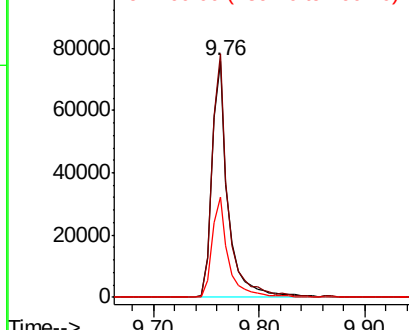
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.76 min Scan# 1305
Delta R.T. -0.01 min
Lab File: BF117663.D
Acq: 31 Oct 2019 17:32

Instrument :
BNA_F
ClientSampleId :
152-50-(0-1)RE

Tot Ion:164 Resp: 81127
Ion Ratio Lower Upper
164 100
162 103.0 81.8 122.6
160 42.4 34.4 51.6

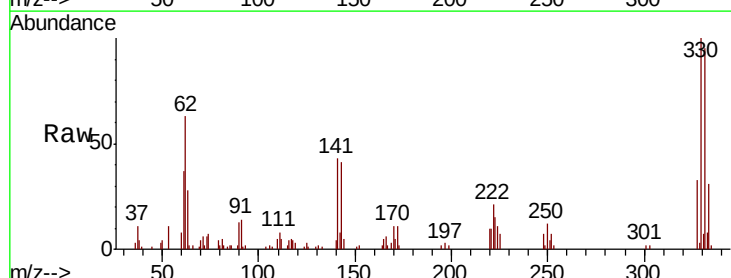


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

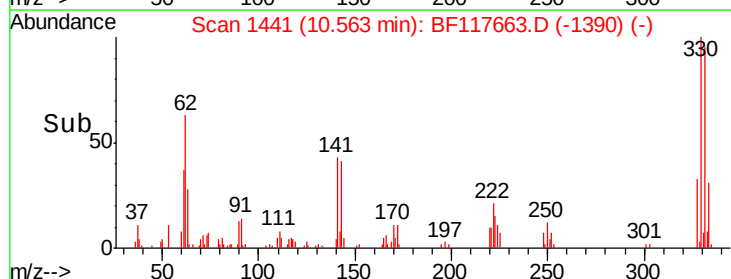
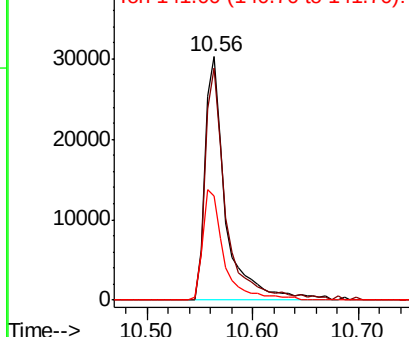


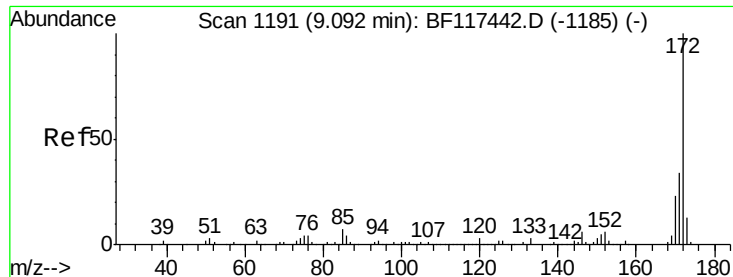
#42
2,4,6-Tribromophenol
Concen: 58.276 ng
RT: 10.56 min Scan# 1441
Delta R.T. 0.00 min
Lab File: BF117663.D
Acq: 31 Oct 2019 17:32

Tgt Ion:330 Resp: 40907
Ion Ratio Lower Upper
330 100
332 96.6 78.5 117.7
141 47.0 37.0 55.6



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

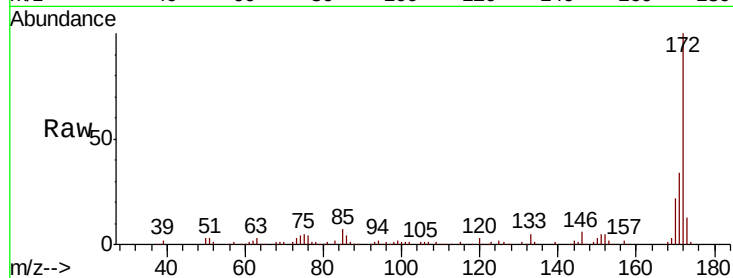




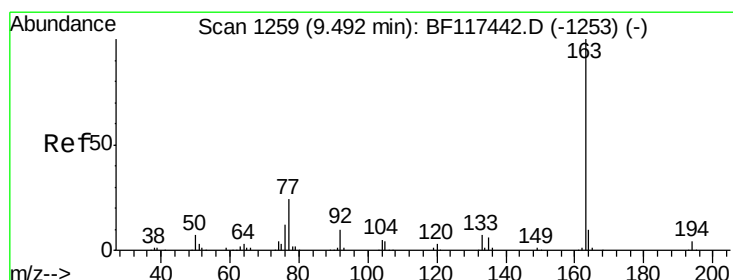
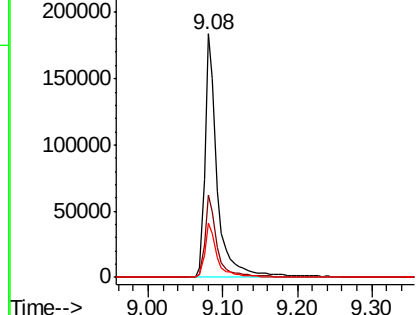
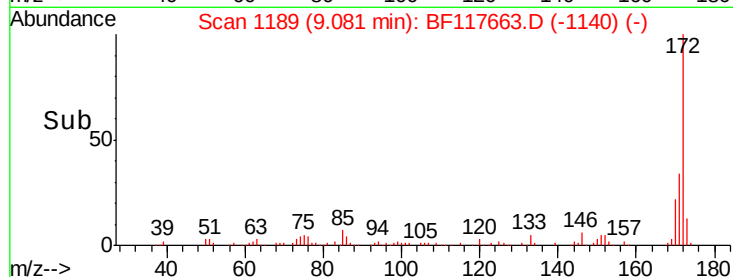
#45
2-Fluorobiphenyl
Concen: 37.794 ng
RT: 9.08 min Scan# 1189
Delta R.T. -0.01 min
Lab File: BF117663.D
Acq: 31 Oct 2019 17:32

Instrument :
BNA_F
ClientSampleId :
152-50-(0-1)RE

Tot Ion:172 Resp: 217612
Ion Ratio Lower Upper
172 100
171 33.9 27.5 41.3
170 22.1 18.6 27.8

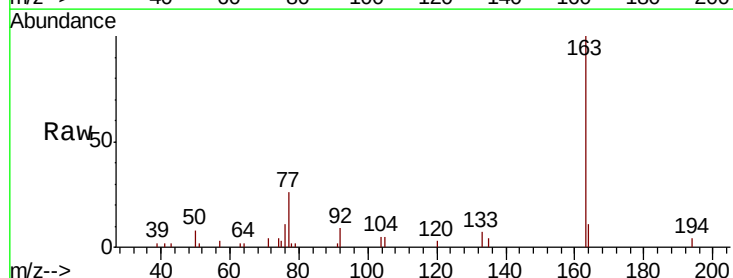


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

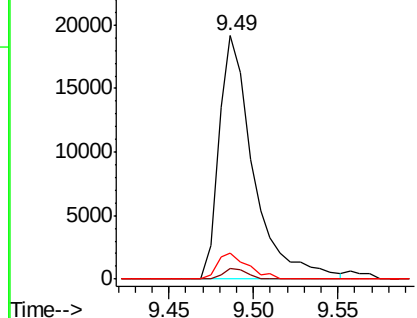
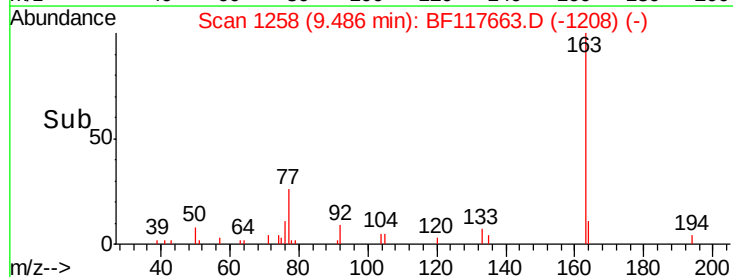


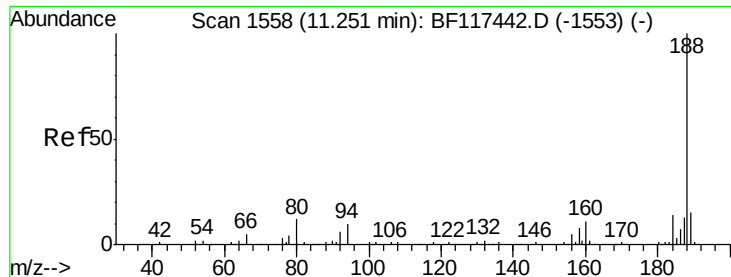
#50
Dimethylphthalate
Concen: 4.701 ng
RT: 9.49 min Scan# 1258
Delta R.T. -0.01 min
Lab File: BF117663.D
Acq: 31 Oct 2019 17:32

Tgt Ion:163 Resp: 27191
Ion Ratio Lower Upper
163 100
194 4.2 2.9 4.3
164 10.7 8.2 12.2



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: 11.25 min Scan# 1558

Delta R.T. 0.00 min

Lab File: BF117663.D

Acq: 31 Oct 2019 17:32

Instrument :

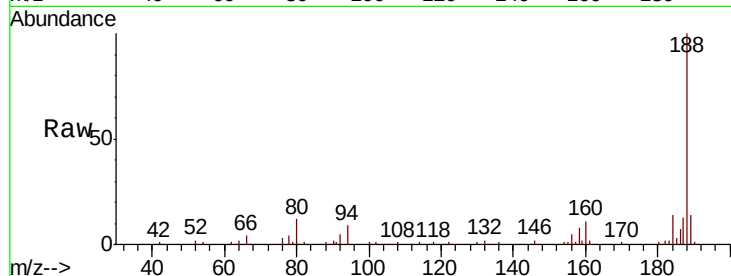
BNA_F

ClientSampleId :

152-50-(0-1)RE

Tot Ion:188 Resp: 118756

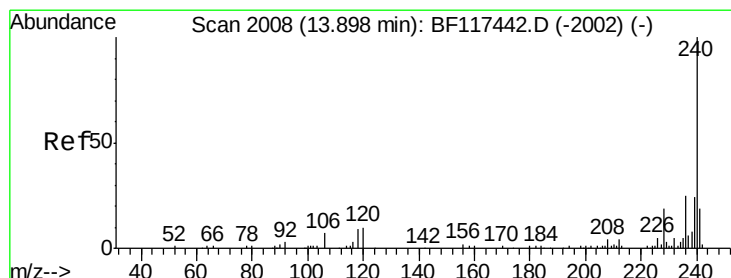
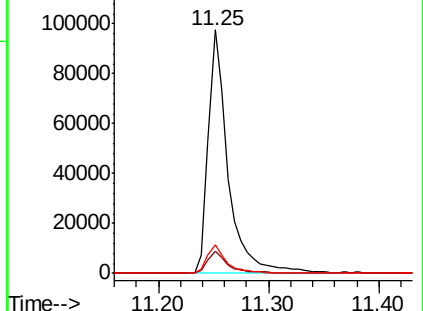
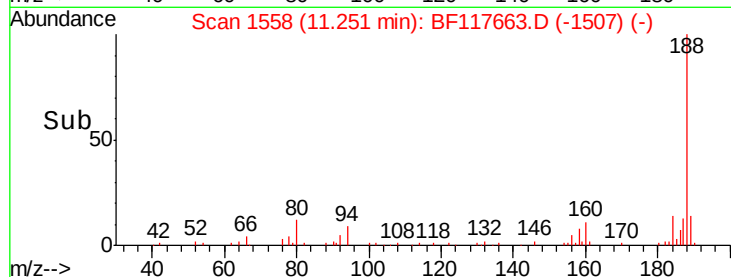
Ion	Ratio	Lower	Upper
188	100		
94	9.0	8.0	12.0
80	11.6	9.5	14.3



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: 13.90 min Scan# 2008

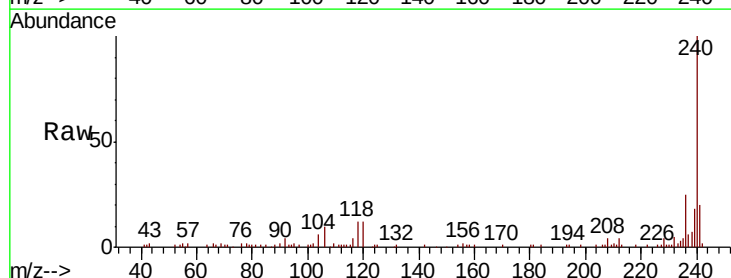
Delta R.T. 0.00 min

Lab File: BF117663.D

Acq: 31 Oct 2019 17:32

Tgt Ion:240 Resp: 73728

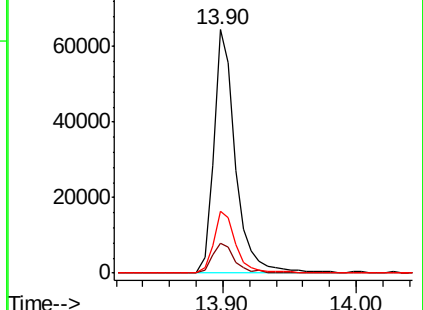
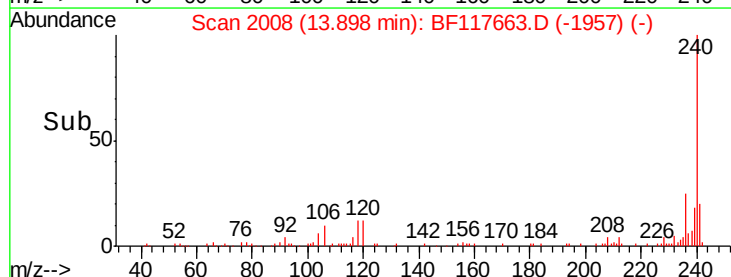
Ion	Ratio	Lower	Upper
240	100		
120	12.5	8.4	12.6
236	25.4	20.0	30.0

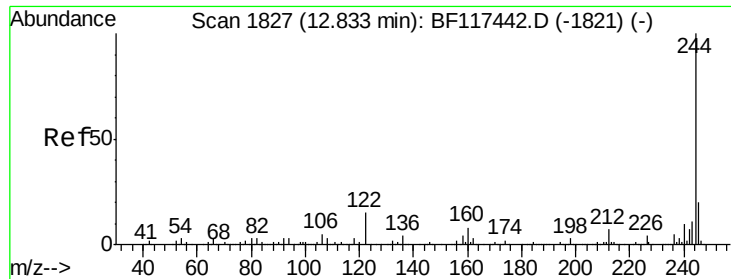


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

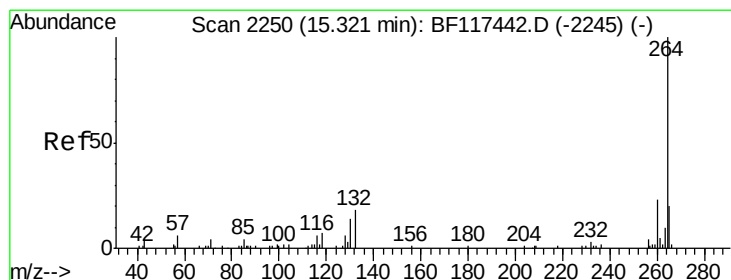
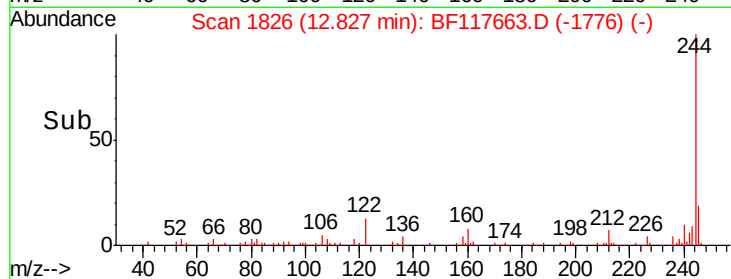
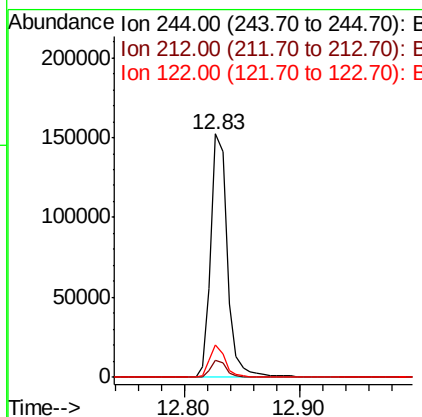
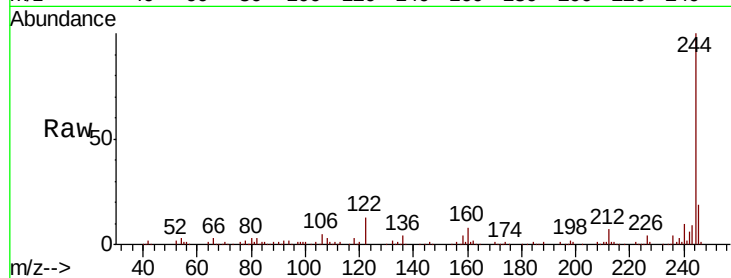




#79
 Terphenyl-d14
 Concen: 33.995 ng
 RT: 12.83 min Scan# 1826
 Delta R.T. -0.01 min
 Lab File: BF117663.D
 Acq: 31 Oct 2019 17:32

Instrument :
 BNA_F
 ClientSampleId :
 152-50-(0-1)RE

Tot Ion:244 Resp: 153659
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.8 8.6
 122 13.5 11.8 17.8



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.34 min Scan# 2253
 Delta R.T. 0.02 min
 Lab File: BF117663.D
 Acq: 31 Oct 2019 17:32

Tgt Ion:264 Resp: 67757
 Ion Ratio Lower Upper
 264 100
 260 22.7 18.4 27.6
 265 23.1 16.1 24.1

