

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081019\
 Data File : BF116166.D
 Acq On : 11 Aug 2019 00:54
 Operator : HP/JU
 Sample : K4293-03
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PE-3

Quant Time: Aug 12 03:47:55 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 07 11:13:18 2019
 Response via : Initial Calibration

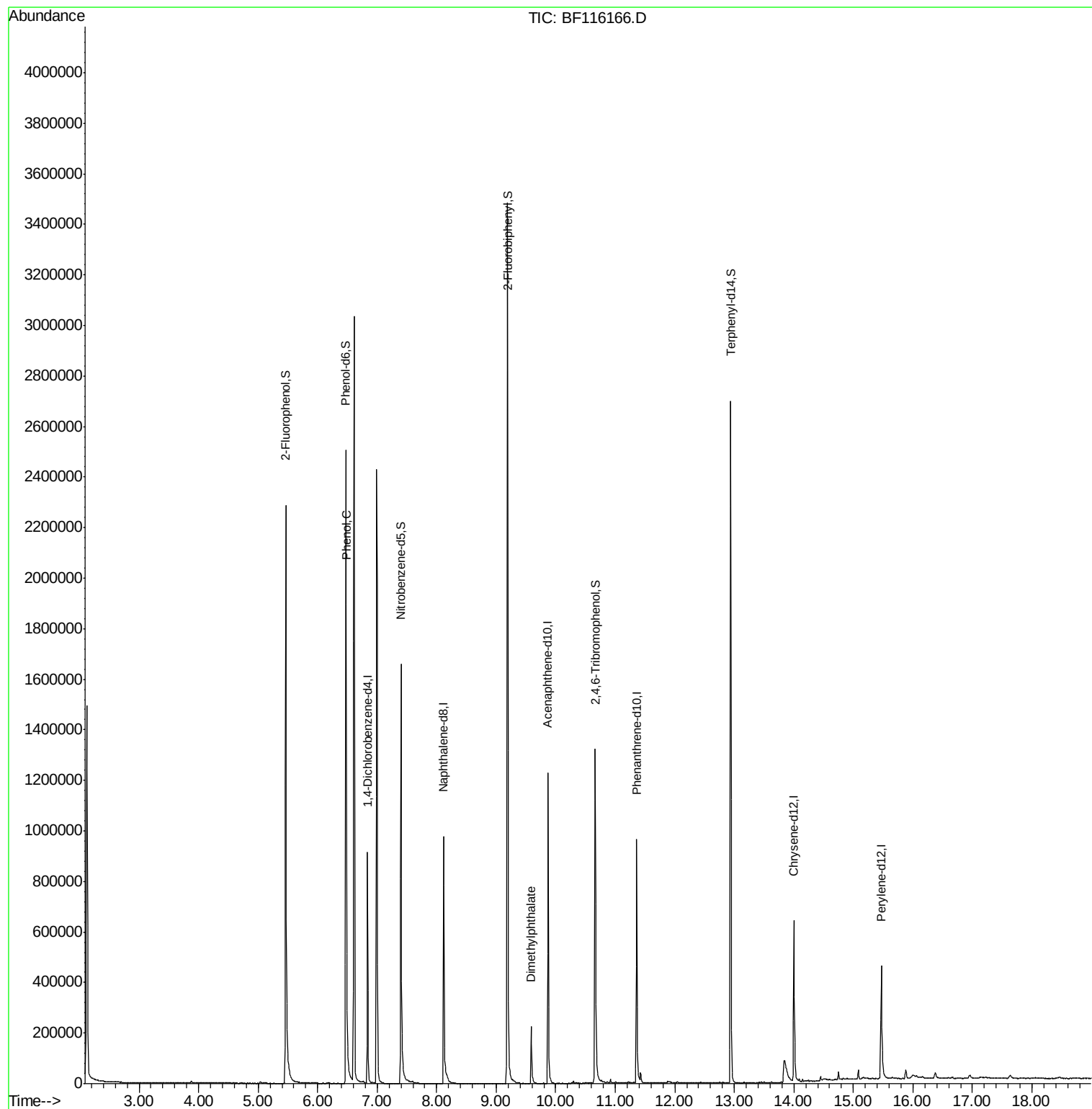
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	141735	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	544566	20.00	ng	-0.01
39) Acenaphthene-d10	9.87	164	271515	20.00	ng	-0.02
64) Phenanthrene-d10	11.36	188	407540	20.00	ng	-0.01
76) Chrysene-d12	14.00	240	278841	20.00	ng	0.00
87) Perylene-d12	15.47	264	266452	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	793051	93.67	ng	0.00
7) Phenol-d6	6.47	99	1028515	96.28	ng	-0.01
23) Nitrobenzene-d5	7.40	82	663780	70.36	ng	-0.02
42) 2,4,6-Tribromophenol	10.66	330	207851	78.96	ng	-0.01
45) 2-Fluorobiphenyl	9.19	172	1150021	79.34	ng	-0.01
79) Terphenyl-d14	12.94	244	987109	74.59	ng	-0.01
Target Compounds						
10) Phenol	6.49	94	33460	2.660	ng	95
50) Dimethylphthalate	9.59	163	127312	6.887	ng	99

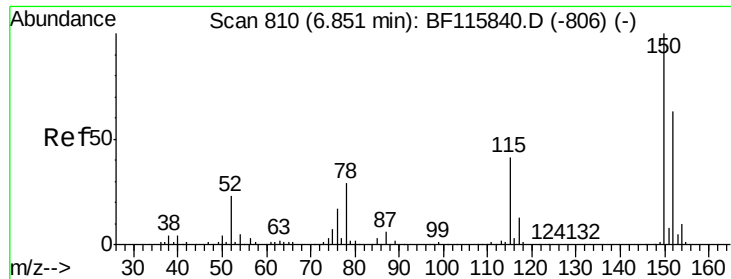
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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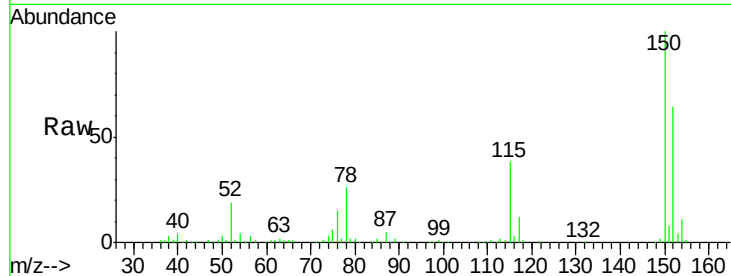


#1

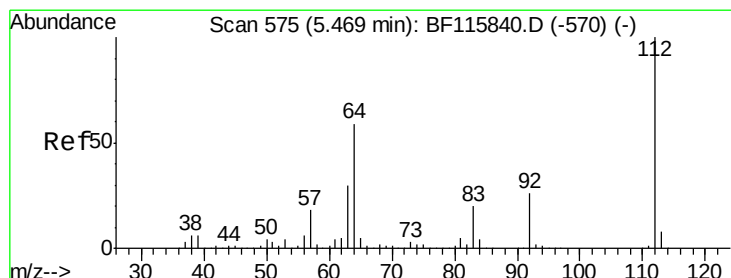
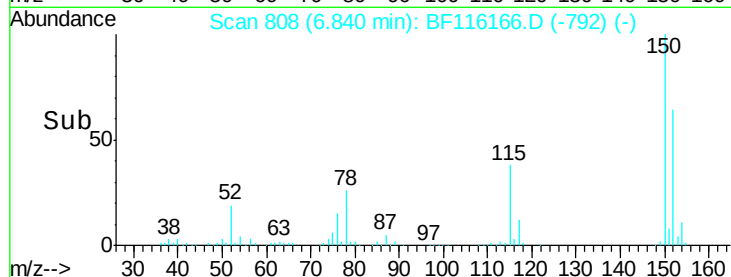
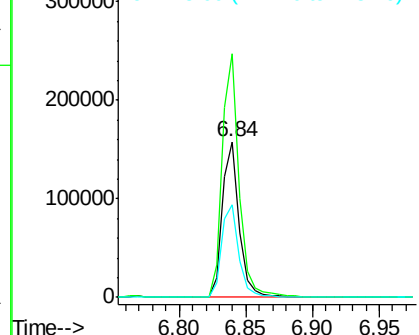
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.84 min Scan# 808
Delta R.T. -0.01 min
Lab File: BF116166.D
Acq: 11 Aug 2019 00:54

Instrument :
BNA_F
ClientSampleId :
PE-3

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.5	126.2	189.2
115	59.6	49.9	74.9



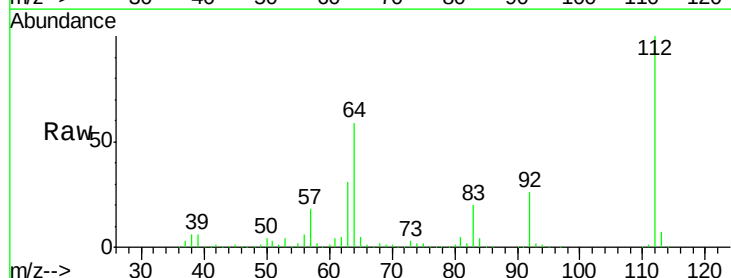
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



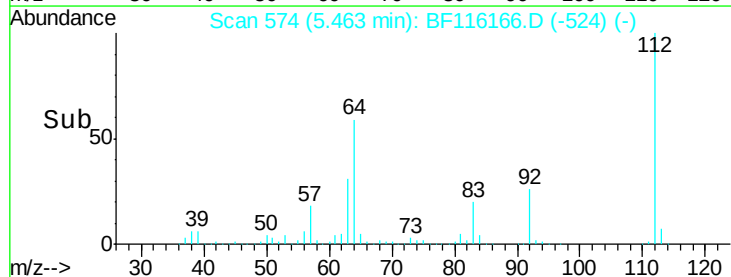
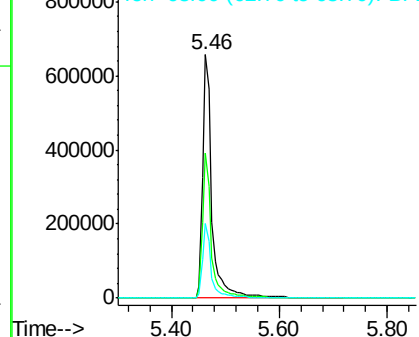
#5

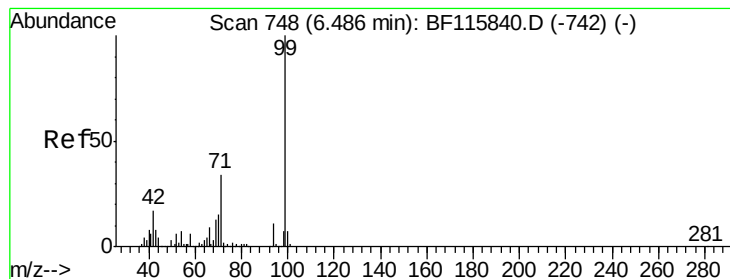
2-Fluorophenol
Concen: 93.669 ng
RT: 5.46 min Scan# 574
Delta R.T. -0.01 min
Lab File: BF116166.D
Acq: 11 Aug 2019 00:54

Tgt Ion	Ratio	Lower	Upper
112	100		
64	59.5	45.4	68.2
63	30.6	23.7	35.5



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: 96.285 ng

RT: 6.47 min Scan# 746

Delta R.T. -0.01 min

Lab File: BF116166.D

Acq: 11 Aug 2019 00:54

Instrument :

BNA_F

ClientSampleId :

PE-3

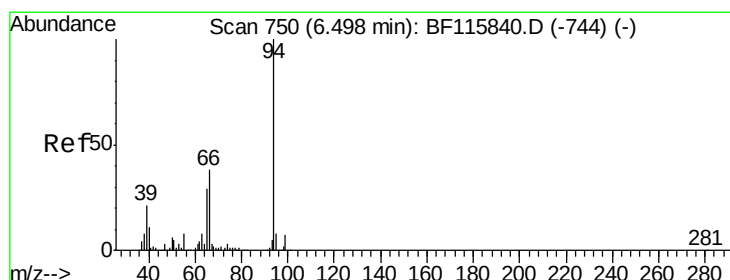
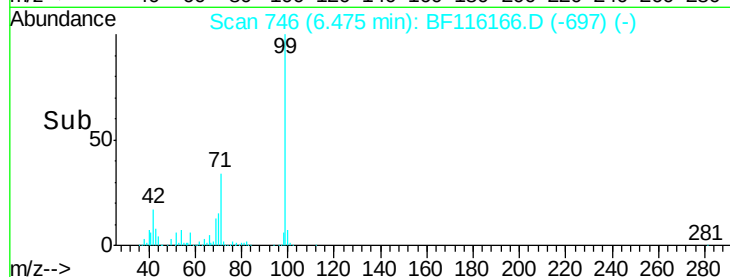
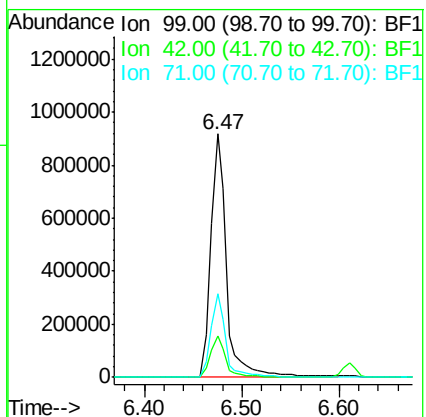
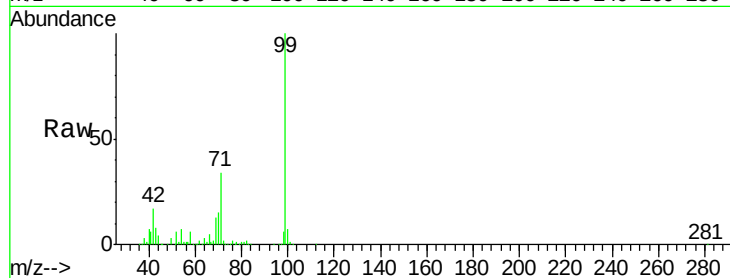
Tot Ion: 99 Resp: 1028515

Ion Ratio Lower Upper

99 100

42 17.2 13.8 20.8

71 34.4 27.3 40.9



#10

Phenol

Concen: 2.660 ng

RT: 6.49 min Scan# 748

Delta R.T. -0.02 min

Lab File: BF116166.D

Acq: 11 Aug 2019 00:54

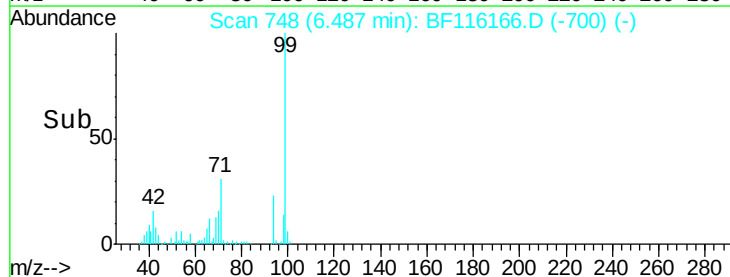
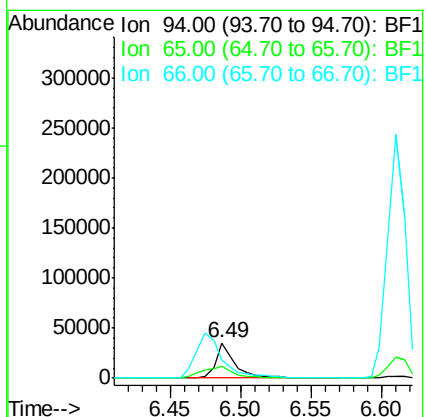
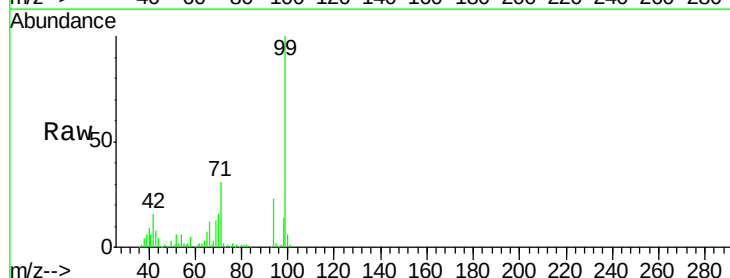
Tgt Ion: 94 Resp: 33460

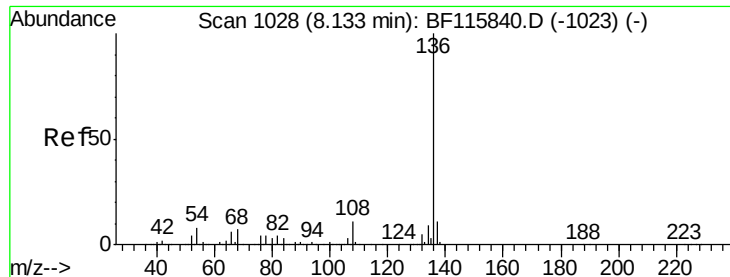
Ion Ratio Lower Upper

94 100

65 32.1 16.8 56.8

66 52.6 34.2 74.2





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.12 min Scan# 1025

Delta R.T. -0.01 min

Lab File: BF116166.D

Acq: 11 Aug 2019 00:54

Instrument :

BNA_F

ClientSampleId :

PE-3

Tot Ion:136 Resp: 544566

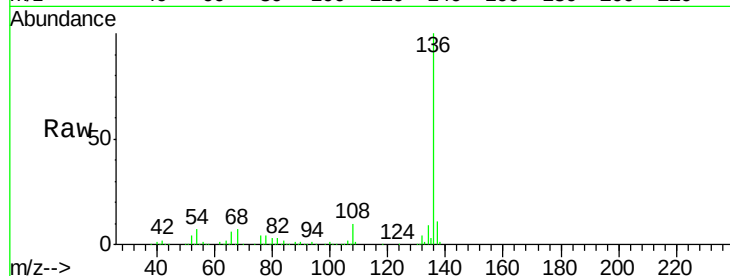
Ion Ratio Lower Upper

136 100

137 11.2 9.0 13.4

54 7.2 5.8 8.6

68 6.6 5.2 7.8

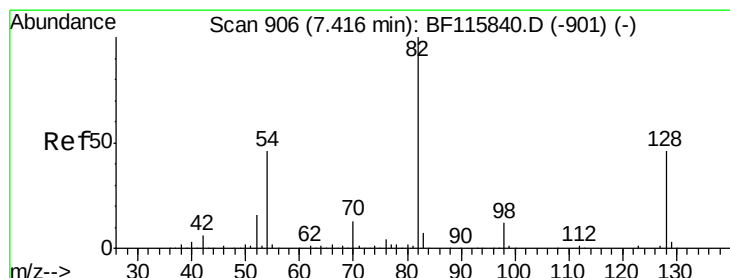
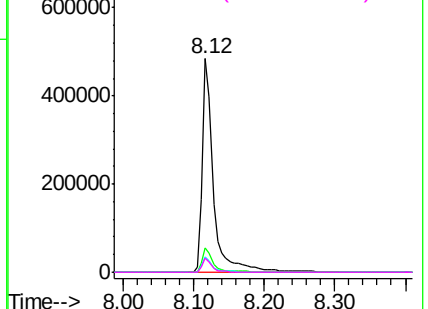
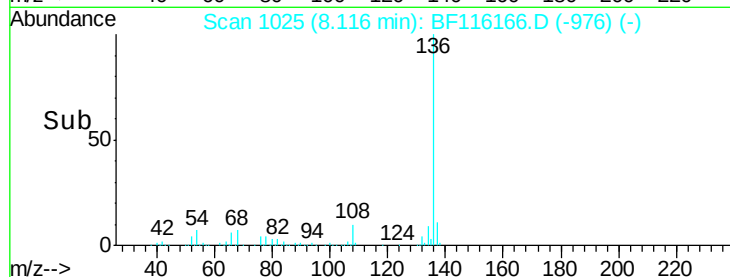


Abundance Ion 136.00 (135.70 to 136.70): E

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: 70.360 ng

RT: 7.40 min Scan# 903

Delta R.T. -0.02 min

Lab File: BF116166.D

Acq: 11 Aug 2019 00:54

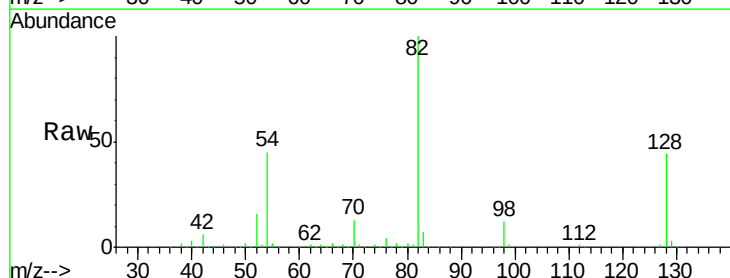
Tgt Ion: 82 Resp: 663780

Ion Ratio Lower Upper

82 100

128 43.7 36.5 54.7

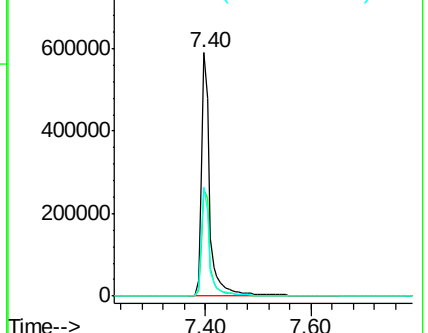
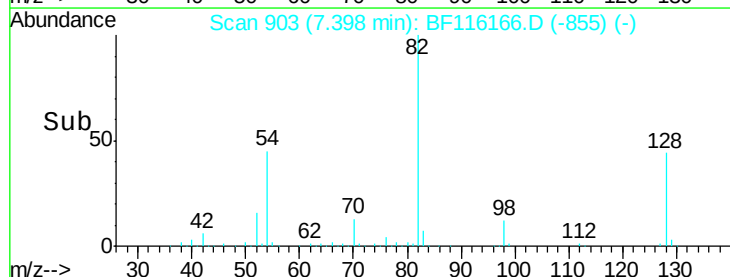
54 45.0 36.0 54.0

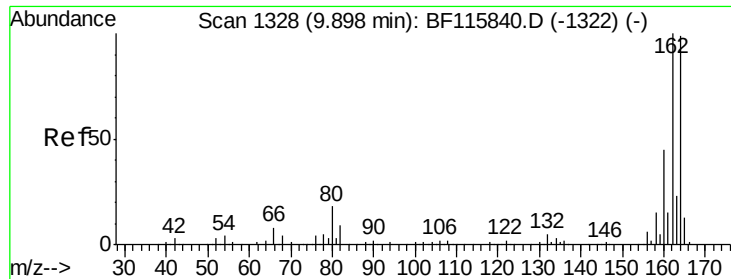


Abundance Ion 82.00 (81.70 to 82.70): BF1

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: 9.87 min Scan# 1323

Delta R.T. -0.02 min

Lab File: BF116166.D

Acq: 11 Aug 2019 00:54

Instrument :

BNA_F

ClientSampleId :

PE-3

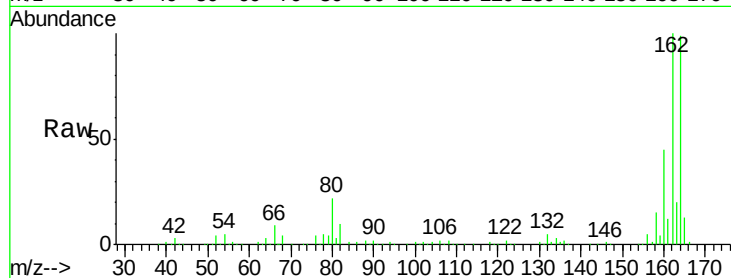
Tot Ion:164 Resp: 271515

Ion Ratio Lower Upper

164 100

162 101.1 82.6 124.0

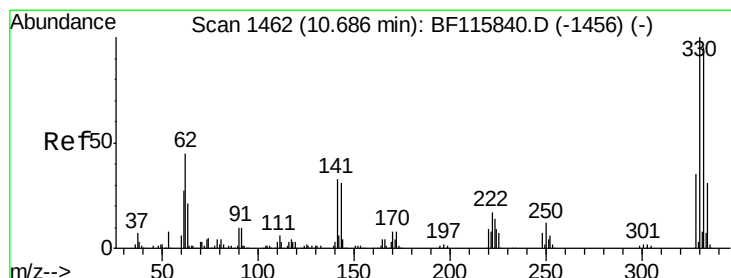
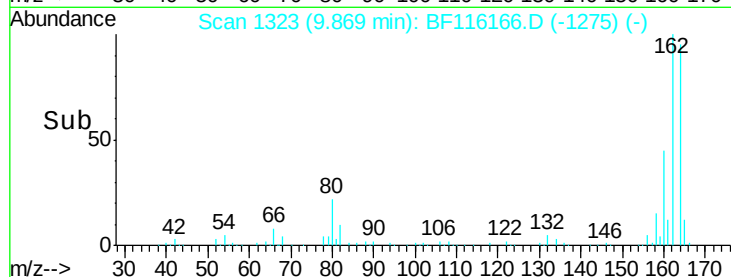
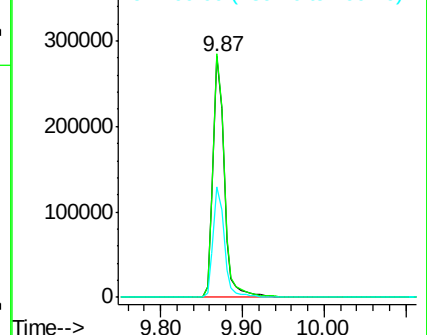
160 45.7 37.6 56.4



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: 78.958 ng

RT: 10.66 min Scan# 1458

Delta R.T. -0.01 min

Lab File: BF116166.D

Acq: 11 Aug 2019 00:54

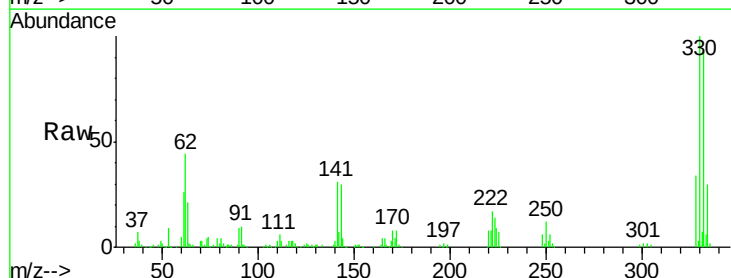
Tgt Ion:330 Resp: 207851

Ion Ratio Lower Upper

330 100

332 94.5 76.8 115.2

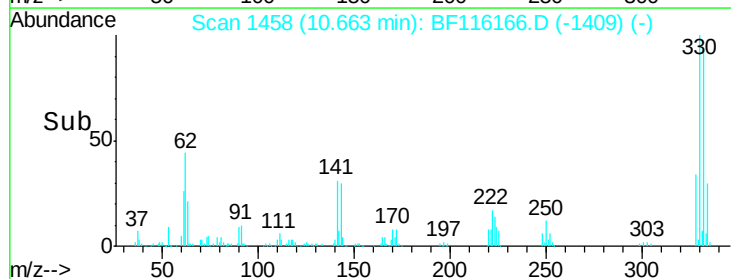
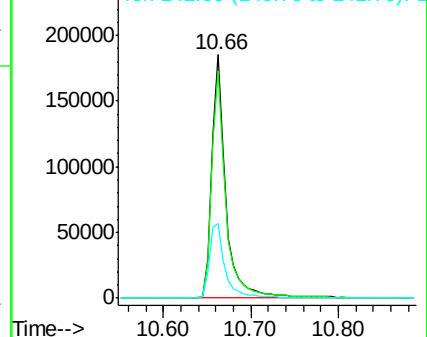
141 34.3 26.3 39.5

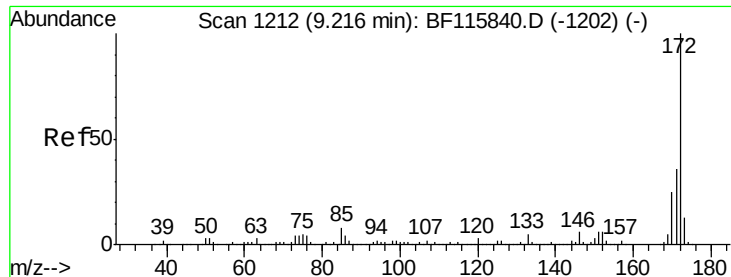


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

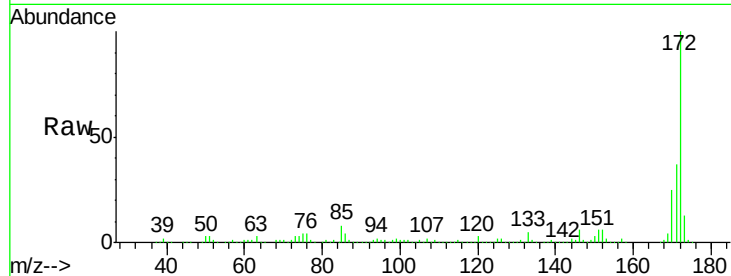




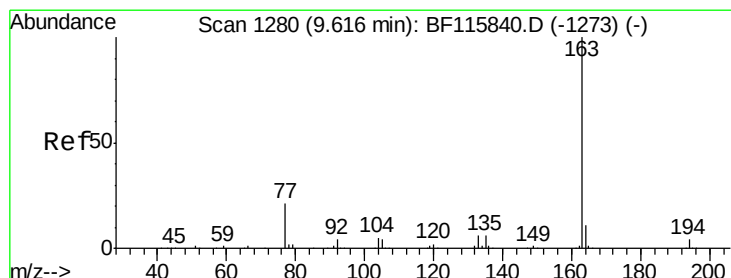
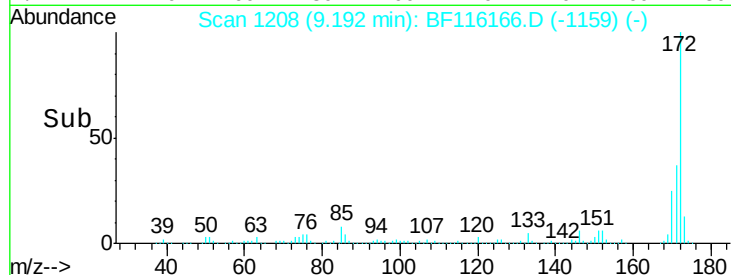
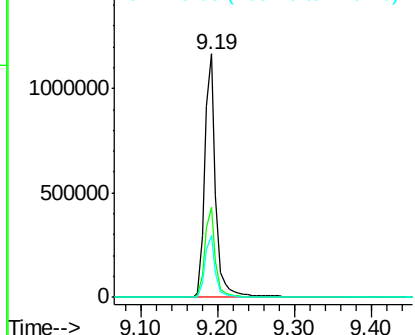
#45
2-Fluorobiphenyl
Concen: 79.335 ng
RT: 9.19 min Scan# 1208
Delta R.T. -0.01 min
Lab File: BF116166.D
Acq: 11 Aug 2019 00:54

Instrument :
BNA_F
ClientSampleId :
PE-3

Tot Ion:172 Resp: 1150021
Ion Ratio Lower Upper
172 100
171 36.7 29.6 44.4
170 25.3 20.1 30.1

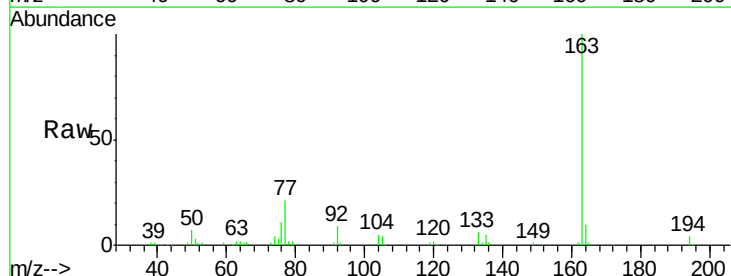


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

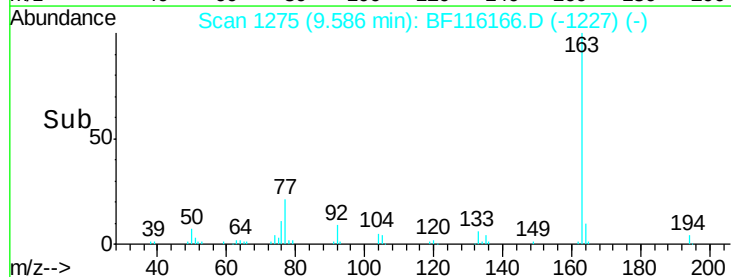
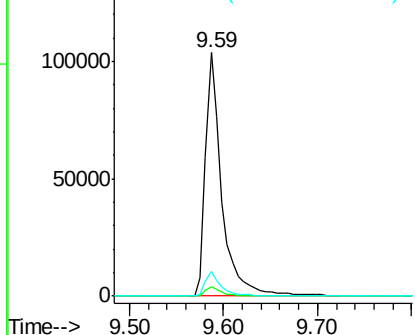


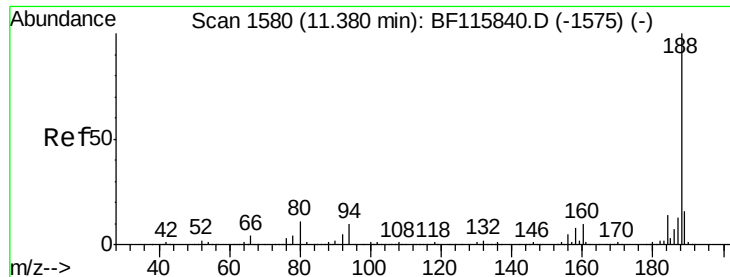
#50
Dimethylphthalate
Concen: 6.887 ng
RT: 9.59 min Scan# 1275
Delta R.T. -0.02 min
Lab File: BF116166.D
Acq: 11 Aug 2019 00:54

Tgt Ion:163 Resp: 127312
Ion Ratio Lower Upper
163 100
194 3.6 3.0 4.6
164 10.1 8.4 12.6



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

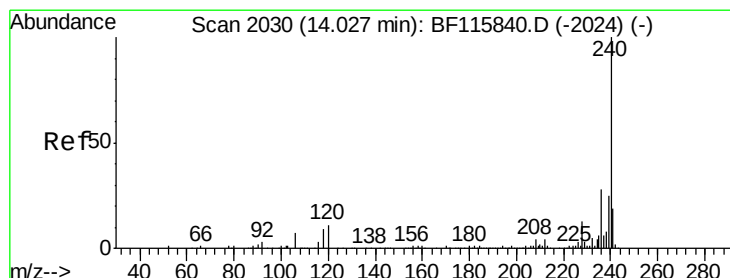
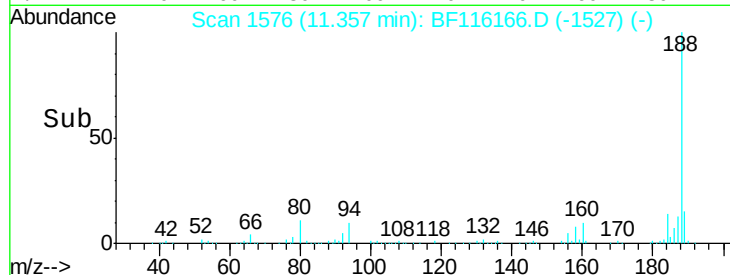
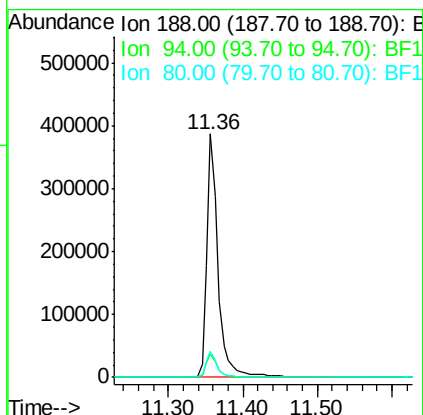
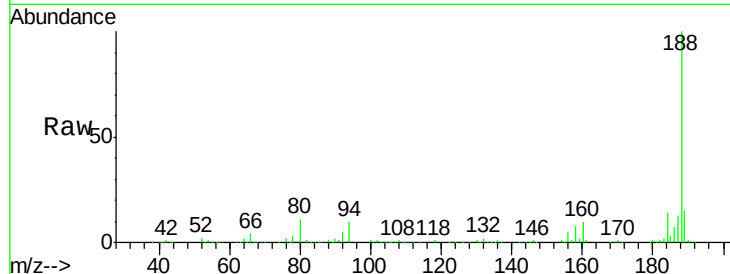




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1576
Delta R.T. -0.01 min
Lab File: BF116166.D
Acq: 11 Aug 2019 00:54

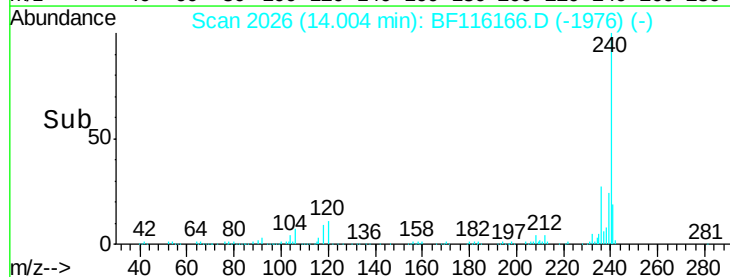
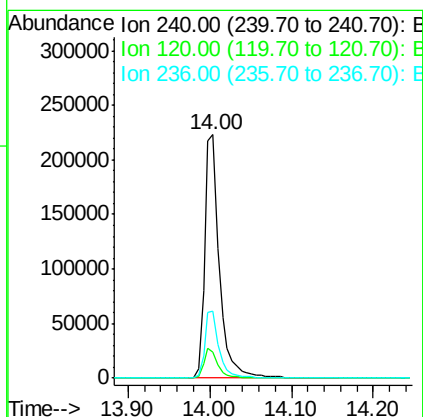
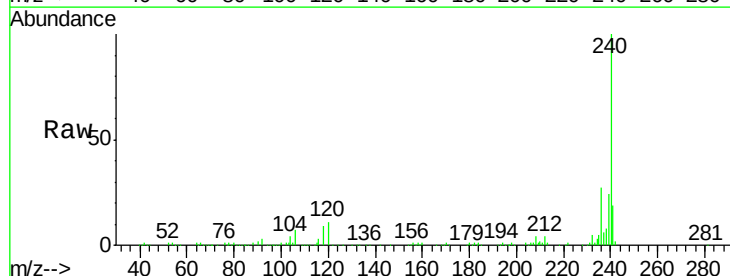
Instrument :
BNA_F
ClientSampled :
PE-3

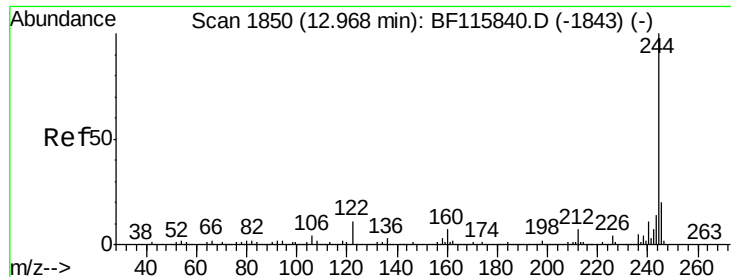
Tot Ion:188 Resp: 407540
Ion Ratio Lower Upper
188 100
94 9.9 8.1 12.1
80 10.8 8.7 13.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.00 min Scan# 2026
Delta R.T. -0.01 min
Lab File: BF116166.D
Acq: 11 Aug 2019 00:54

Tgt Ion:240 Resp: 278841
Ion Ratio Lower Upper
240 100
120 10.9 10.7 16.1
236 27.5 22.2 33.2

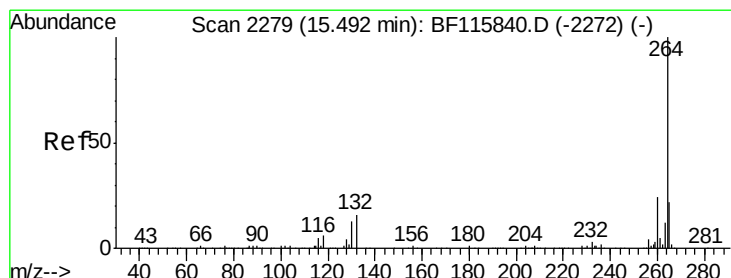
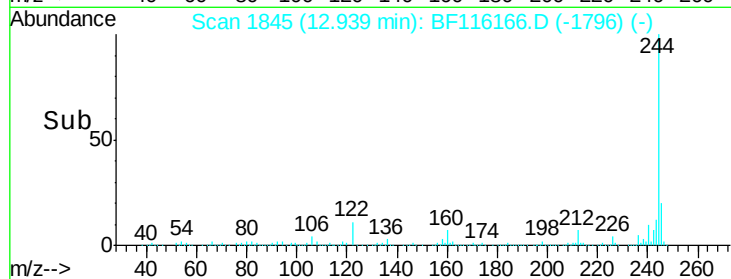
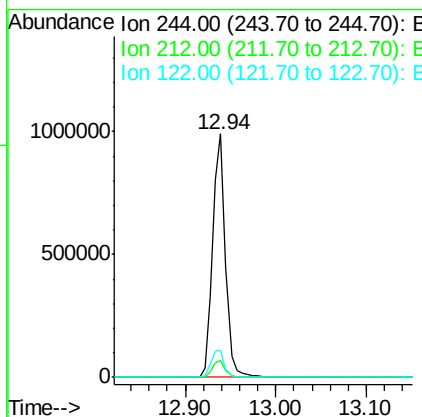
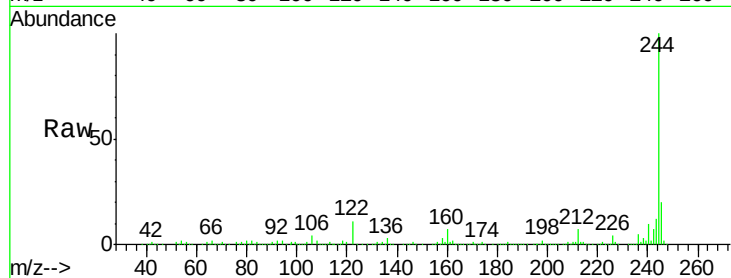




#79
 Terphenyl-d14
 Concen: 74.595 ng
 RT: 12.94 min Scan# 1845
 Delta R.T. -0.01 min
 Lab File: BF116166.D
 Acq: 11 Aug 2019 00:54

Instrument :
 BNA_F
 ClientSampleId :
 PE-3

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.8	8.8
122	11.3	9.0	13.4



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.47 min Scan# 2275
 Delta R.T. -0.01 min
 Lab File: BF116166.D
 Acq: 11 Aug 2019 00:54

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.7	29.5
265	21.2	17.4	26.0

