

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121918\
 Data File : BF111603.D
 Acq On : 19 Dec 2018 21:16
 Operator : JU/SJ
 Sample : J6464-04
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 VB16202

Quant Time: Dec 20 04:01:41 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF121918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 19 17:39:39 2018
 Response via : Initial Calibration

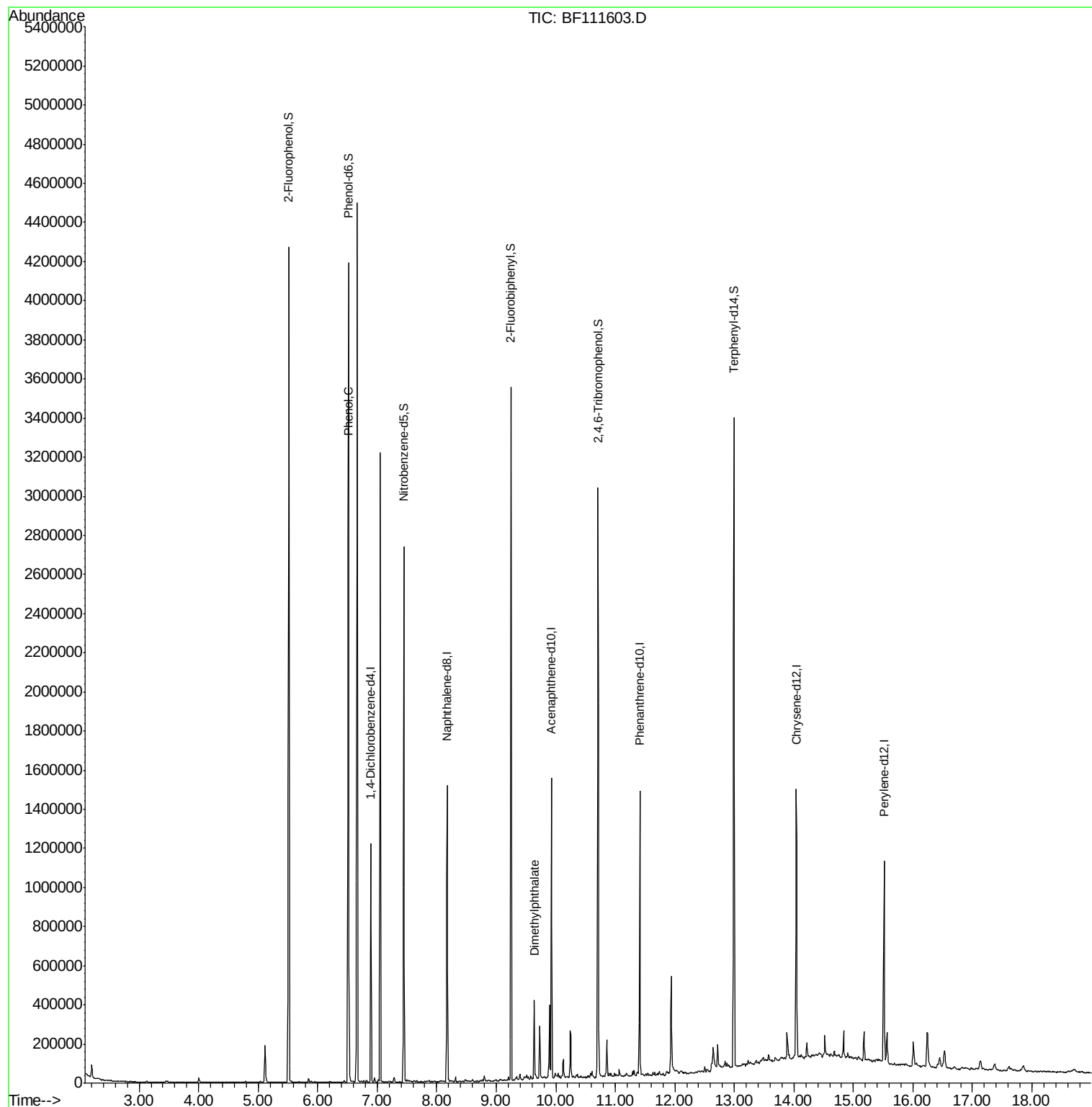
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	163537	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	592197	20.00	ng	0.00
39) Acenaphthene-d10	9.93	164	280085	20.00	ng	0.00
64) Phenanthrene-d10	11.41	188	490869	20.00	ng	0.00
76) Chrysene-d12	14.04	240	452450	20.00	ng	-0.01
87) Perylene-d12	15.52	264	489485	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	1085039	113.09	ng	0.00
7) Phenol-d6	6.52	99	1405534	115.11	ng	0.00
23) Nitrobenzene-d5	7.45	82	781978	76.86	ng	0.00
42) 2,4,6-Tribromophenol	10.71	330	343156	103.69	ng	-0.01
45) 2-Fluorobiphenyl	9.25	172	1134602	59.05	ng	0.00
79) Terphenyl-d14	12.99	244	1033142	43.30	ng	0.00
Target Compounds						
10) Phenol	6.53	94	79690	5.784	ng	98
50) Dimethylphthalate	9.64	163	150016	7.324	ng	97

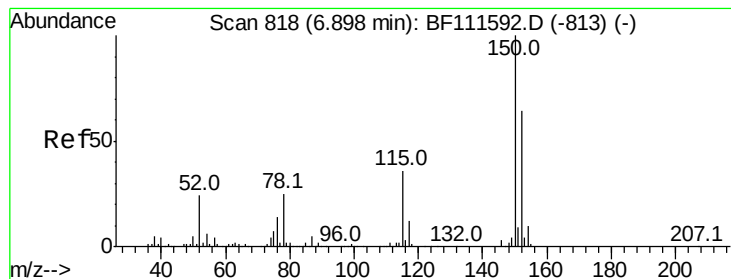
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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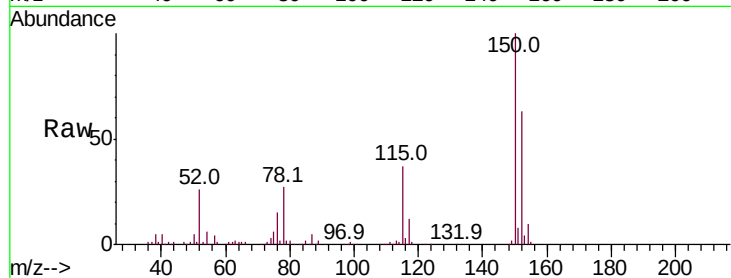


#1

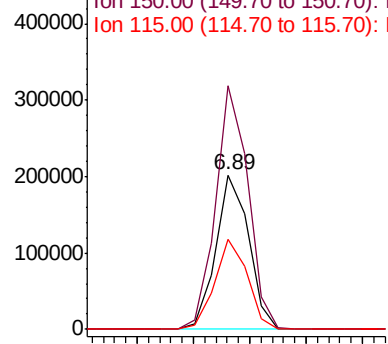
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.89 min Scan# 817
Delta R.T. -0.01 min
Lab File: BF111603.D
Acq: 19 Dec 2018 21:16

Instrument :
BNA_F
ClientSampleId :
VB16202

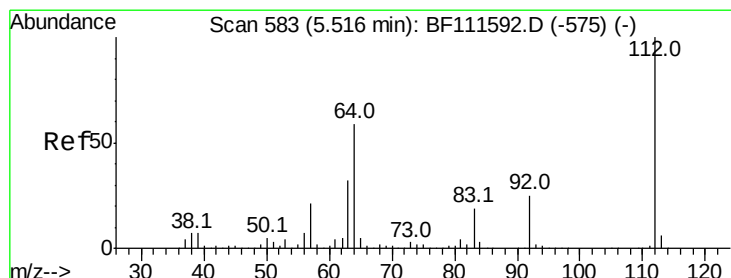
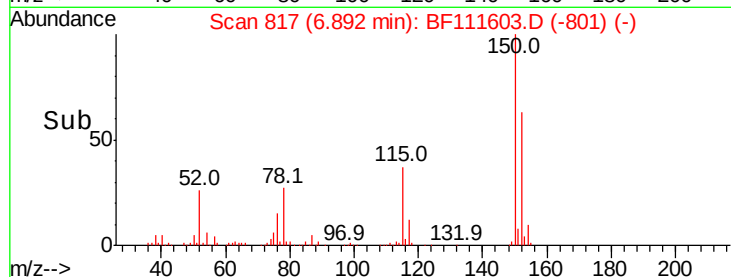
Tot Ion:152 Resp: 163537
Ion Ratio Lower Upper
152 100
150 157.8 126.6 189.8
115 58.7 50.7 76.1



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



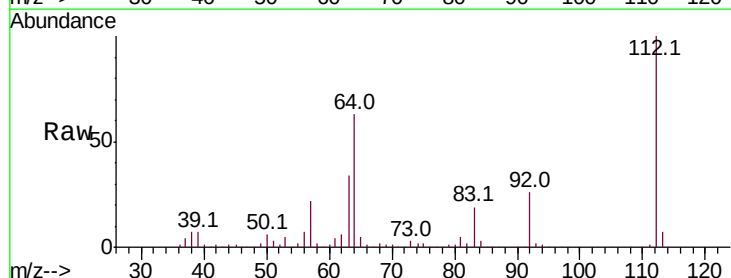
Time-->



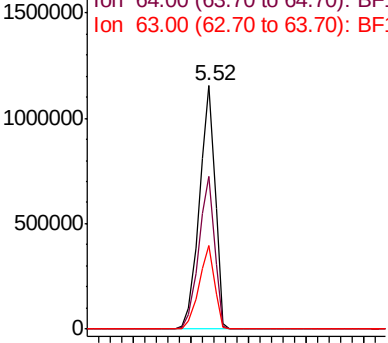
#5

2-Fluorophenol
Concen: 113.093 ng
RT: 5.52 min Scan# 583
Delta R.T. -0.00 min
Lab File: BF111603.D
Acq: 19 Dec 2018 21:16

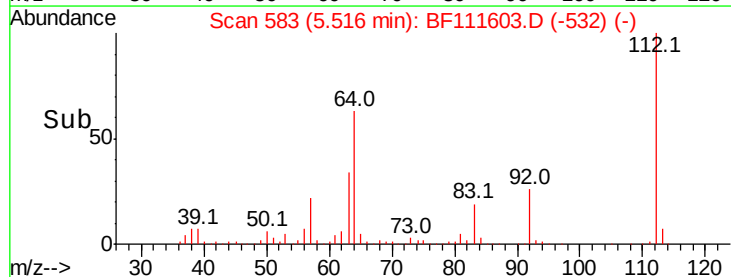
Tgt Ion:112 Resp: 1085039
Ion Ratio Lower Upper
112 100
64 62.7 51.8 77.6
63 34.4 26.8 40.2

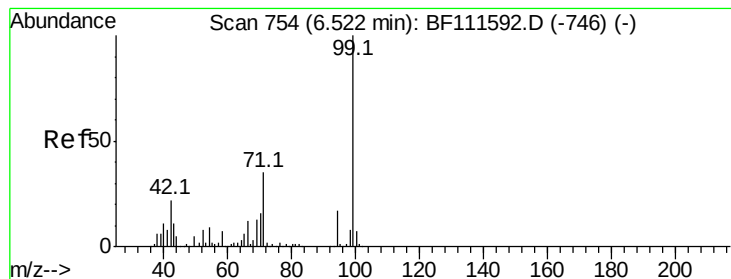


Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1



Time-->





#7

Phenol-d6

Concen: 115.112 ng

RT: 6.52 min Scan# 753

Delta R.T. -0.01 min

Lab File: BF111603.D

Acq: 19 Dec 2018 21:16

Instrument :

BNA_F

ClientSampleId :

VB16202

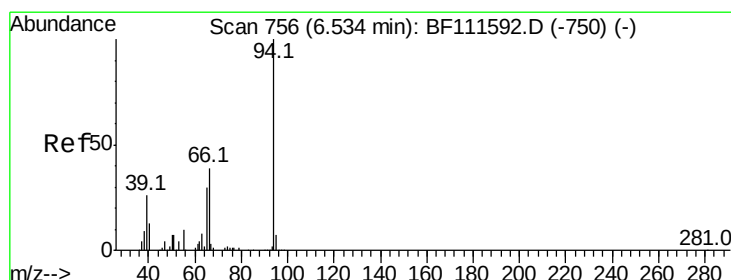
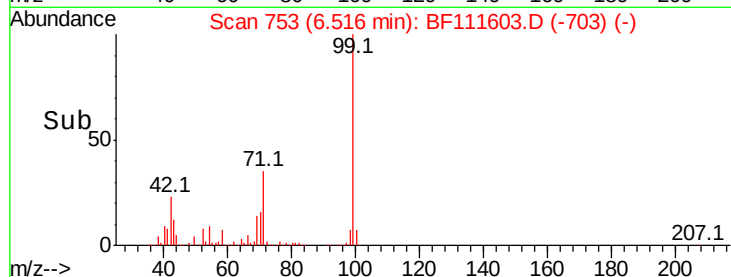
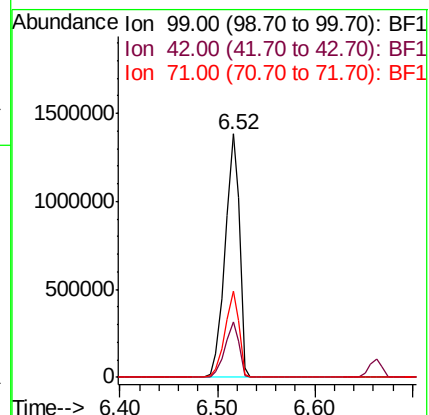
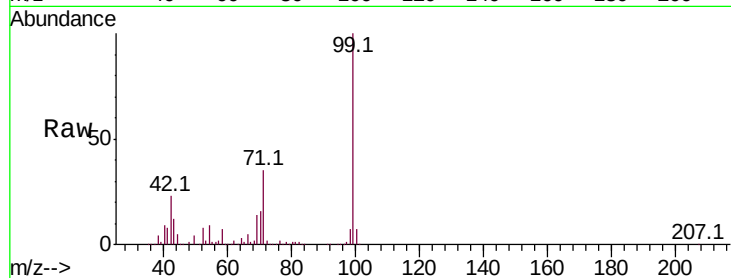
Tot Ion: 99 Resp: 1405534

Ion Ratio Lower Upper

99 100

42 22.9 17.4 26.0

71 35.5 26.1 39.1



#10

Phenol

Concen: 5.784 ng

RT: 6.53 min Scan# 755

Delta R.T. -0.01 min

Lab File: BF111603.D

Acq: 19 Dec 2018 21:16

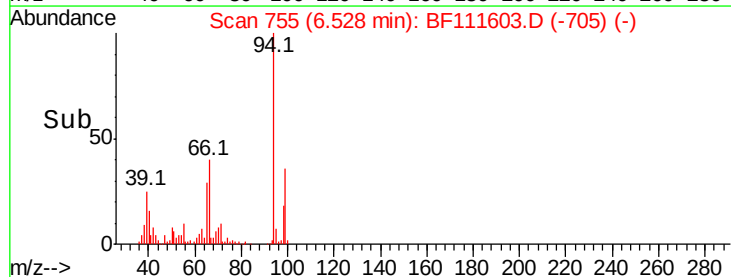
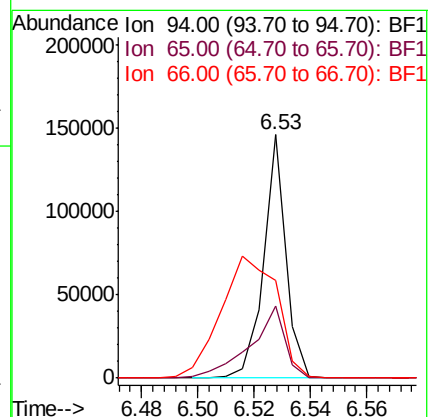
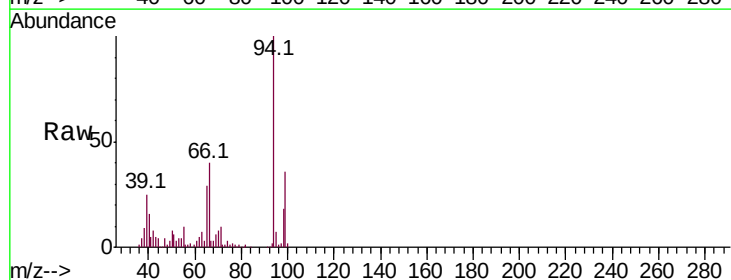
Tgt Ion: 94 Resp: 79690

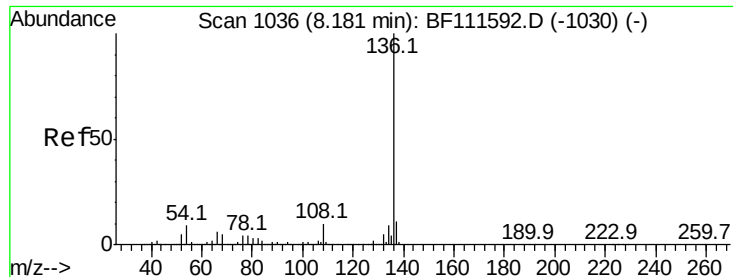
Ion Ratio Lower Upper

94 100

65 29.5 11.7 51.7

66 40.2 21.0 61.0





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.17 min Scan# 1035

Delta R.T. -0.01 min

Lab File: BF111603.D

Acq: 19 Dec 2018 21:16

Instrument :

BNA_F

ClientSampled :

VB16202

Tot Ion:136 Resp: 592197

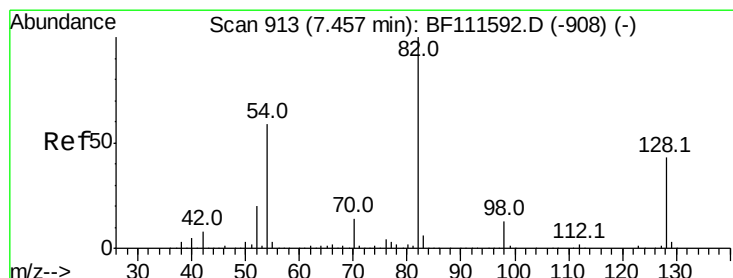
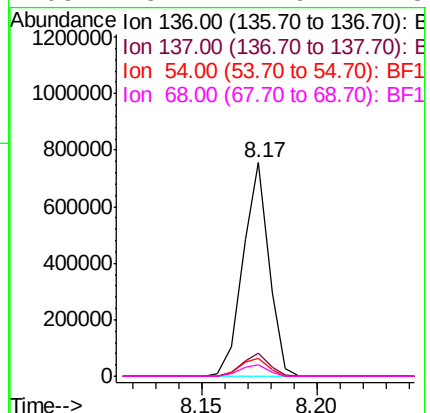
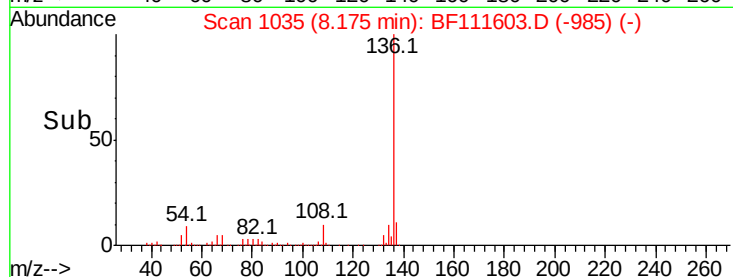
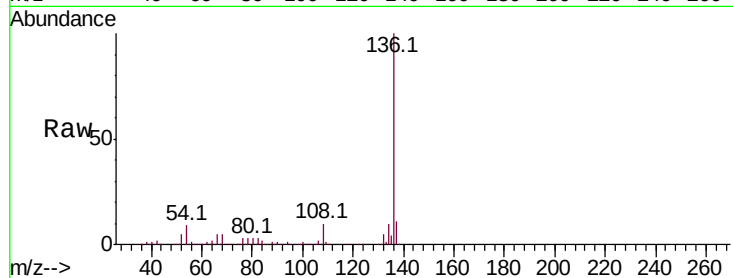
Ion Ratio Lower Upper

136 100

137 10.8 9.1 13.7

54 8.6 7.7 11.5

68 5.1 4.9 7.3



#23

Nitrobenzene-d5

Concen: 76.862 ng

RT: 7.45 min Scan# 912

Delta R.T. -0.01 min

Lab File: BF111603.D

Acq: 19 Dec 2018 21:16

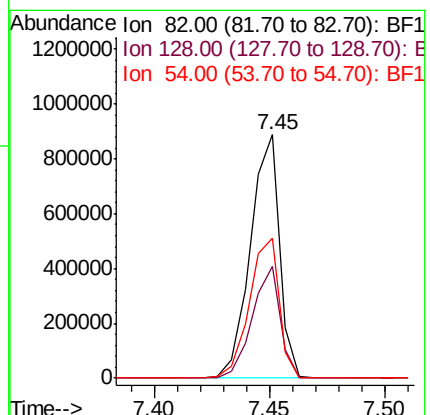
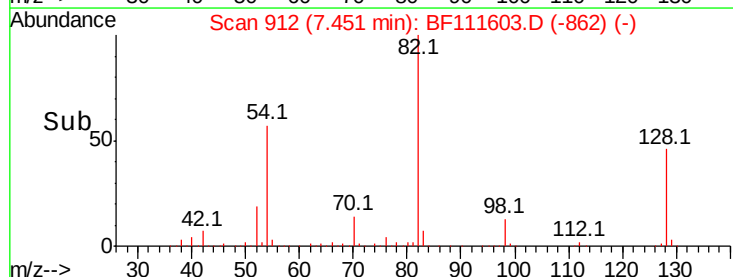
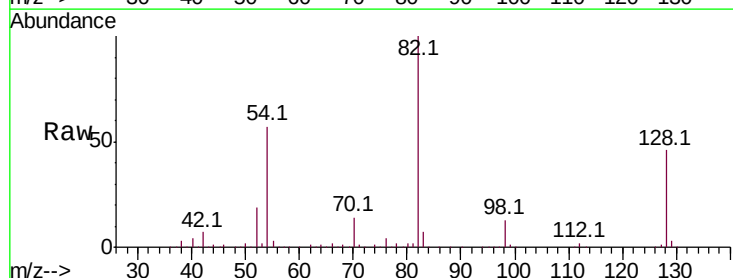
Tgt Ion: 82 Resp: 781978

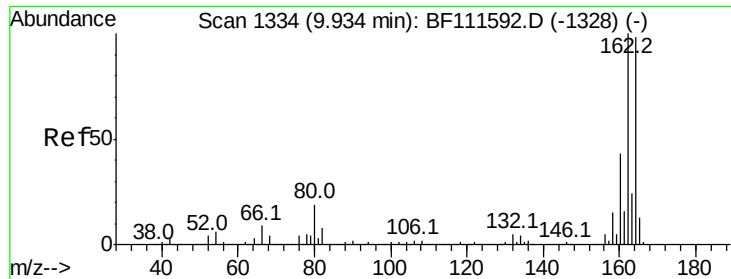
Ion Ratio Lower Upper

82 100

128 46.1 37.4 56.2

54 57.3 47.6 71.4

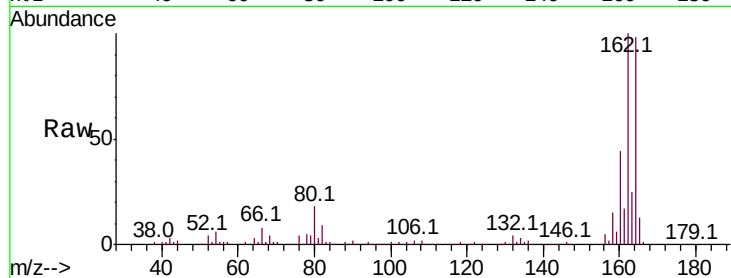




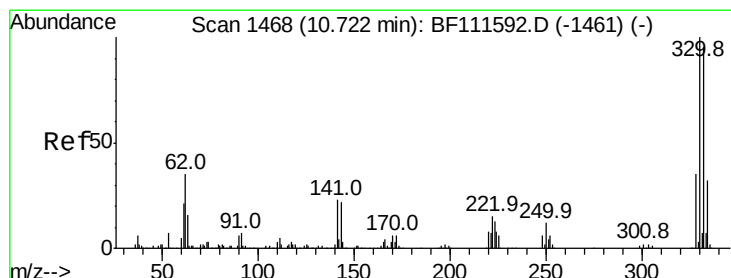
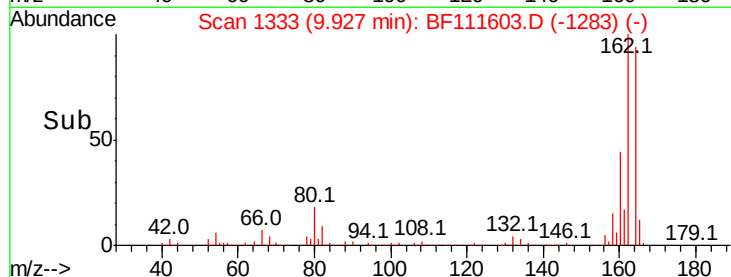
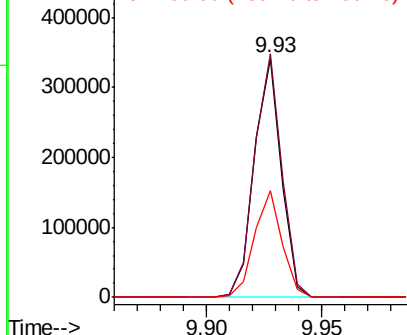
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.93 min Scan# 1333
Delta R.T. -0.01 min
Lab File: BF111603.D
Acq: 19 Dec 2018 21:16

Instrument :
BNA_F
ClientSampleId :
VB16202

Tot Ion:164 Resp: 280085
Ion Ratio Lower Upper
164 100
162 102.0 81.4 122.0
160 44.6 35.7 53.5

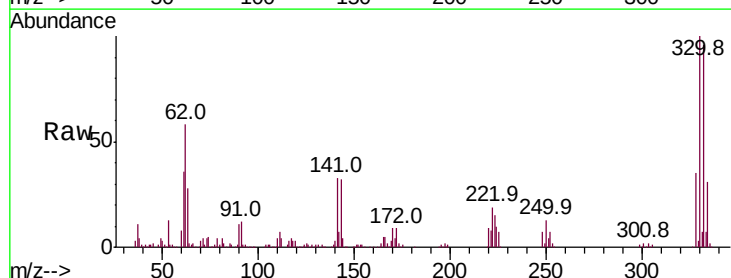


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

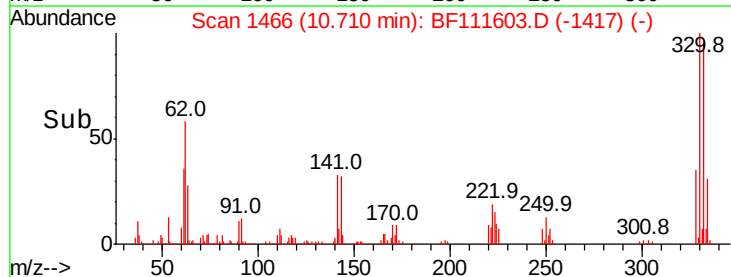
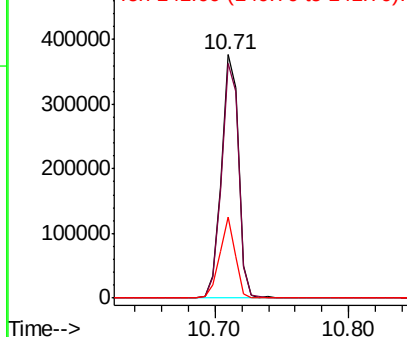


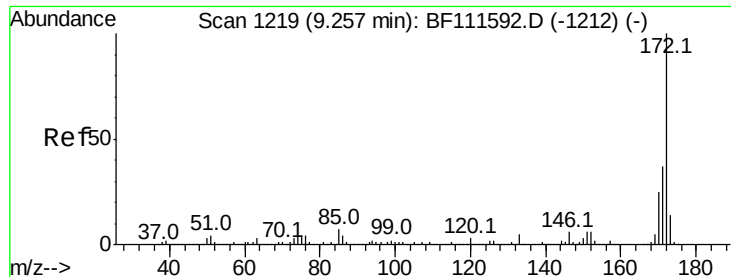
#42
2,4,6-Tribromophenol
Concen: 103.691 ng
RT: 10.71 min Scan# 1466
Delta R.T. -0.01 min
Lab File: BF111603.D
Acq: 19 Dec 2018 21:16

Tgt Ion:330 Resp: 343156
Ion Ratio Lower Upper
330 100
332 97.2 76.0 114.0
141 30.3 31.0 46.6#



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



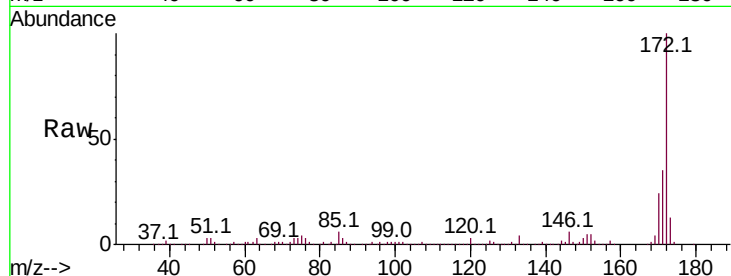


#45
2-Fluorobiphenyl
Concen: 59.045 ng
RT: 9.25 min Scan# 1218
Delta R.T. -0.01 min
Lab File: BF111603.D
Acq: 19 Dec 2018 21:16

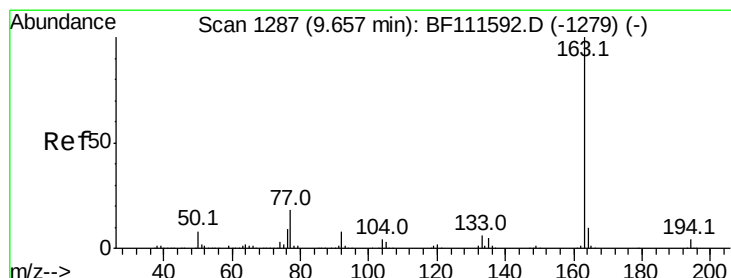
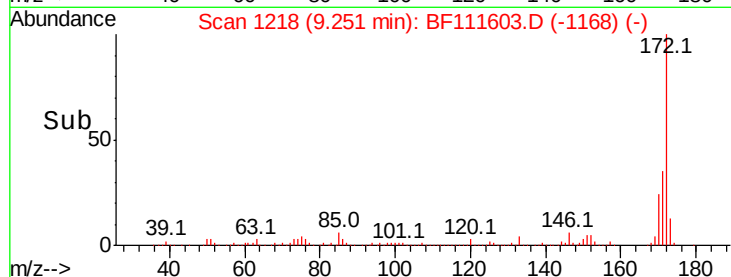
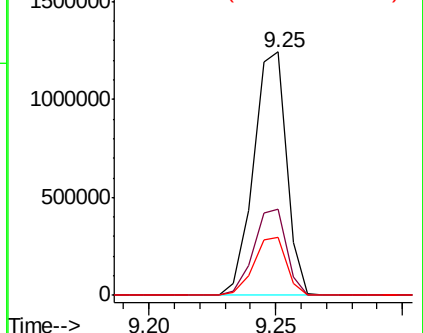
Instrument :
BNA_F
ClientSampleId :
VB16202

Tot Ion:172 Resp: 1134602

Ion	Ratio	Lower	Upper
172	100		
171	35.5	33.0	49.4
170	23.8	22.3	33.5



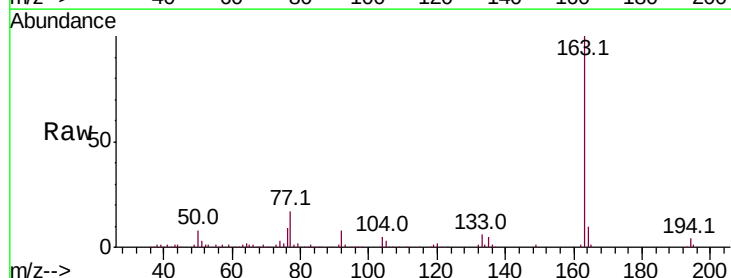
Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E



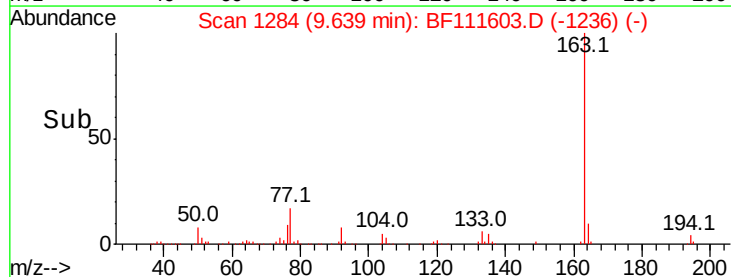
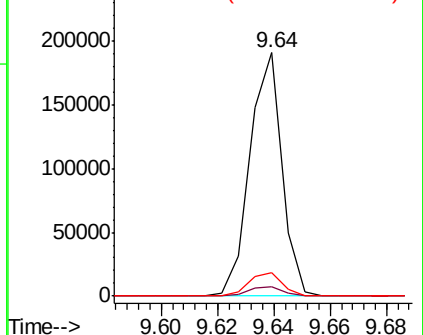
#50
Dimethylphthalate
Concen: 7.324 ng
RT: 9.64 min Scan# 1284
Delta R.T. -0.02 min
Lab File: BF111603.D
Acq: 19 Dec 2018 21:16

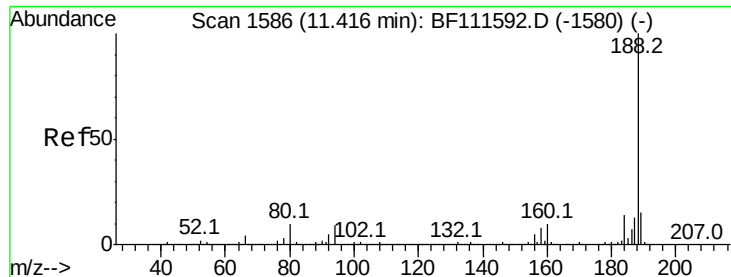
Tgt Ion:163 Resp: 150016

Ion	Ratio	Lower	Upper
163	100		
194	3.9	3.0	4.6
164	9.8	8.9	13.3



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

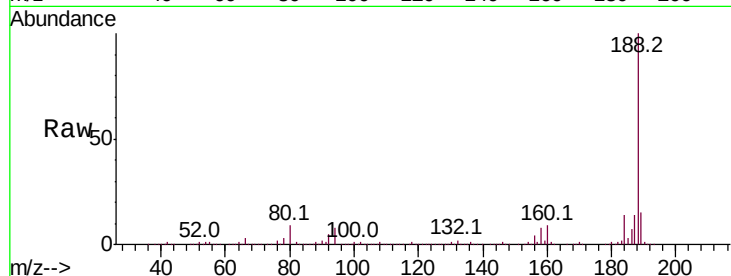




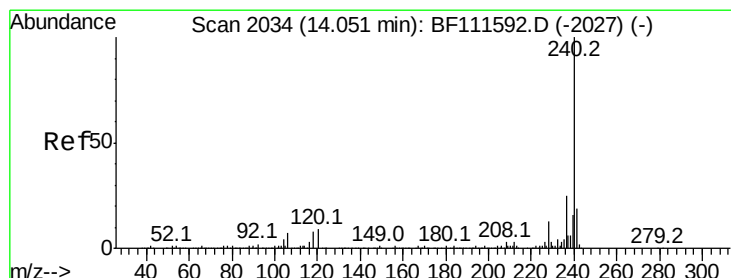
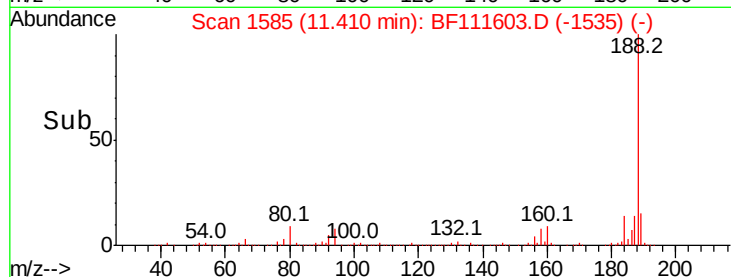
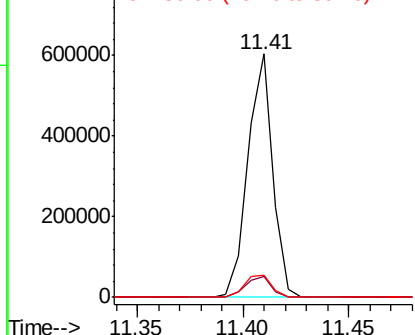
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.41 min Scan# 1585
Delta R.T. -0.01 min
Lab File: BF111603.D
Acq: 19 Dec 2018 21:16

Instrument :
BNA_F
ClientSampleId :
VB16202

Tot Ion:188 Resp: 490869
Ion Ratio Lower Upper
188 100
94 8.4 9.6 14.4#
80 9.1 9.8 14.6#

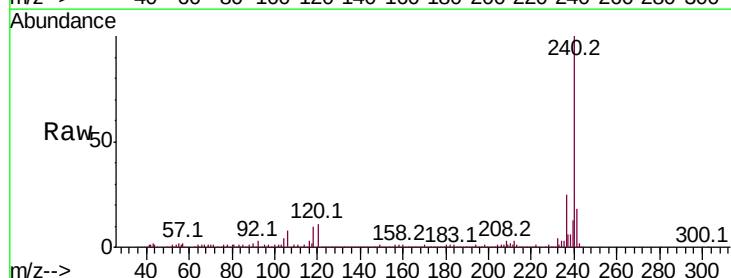


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

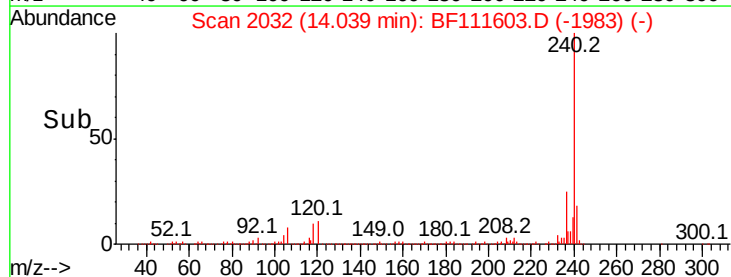
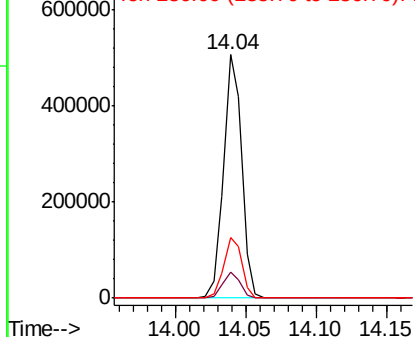


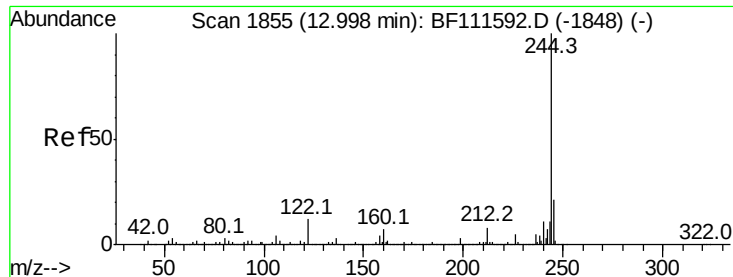
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.04 min Scan# 2032
Delta R.T. -0.01 min
Lab File: BF111603.D
Acq: 19 Dec 2018 21:16

Tgt Ion:240 Resp: 452450
Ion Ratio Lower Upper
240 100
120 10.8 12.2 18.2#
236 24.9 20.2 30.2



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



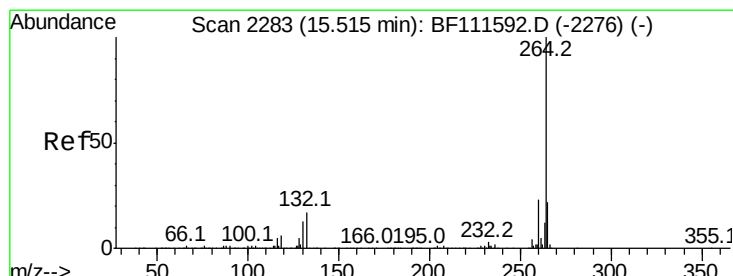
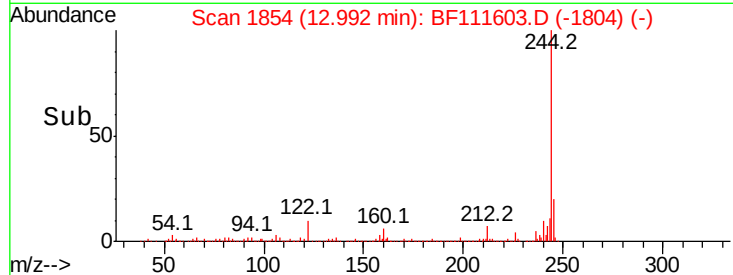
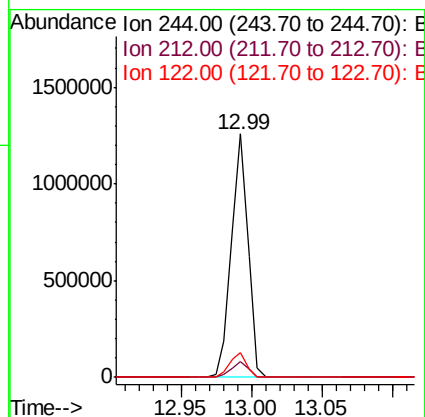
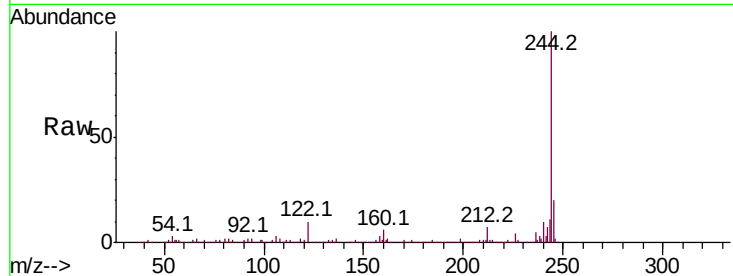


#79
 Terphenyl-d14
 Concen: 43.304 ng
 RT: 12.99 min Scan# 1854
 Delta R.T. -0.01 min
 Lab File: BF111603.D
 Acq: 19 Dec 2018 21:16

Instrument :
 BNA_F
 ClientSampleId :
 VB16202

Tot Ion:244 Resp: 1033142

Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.7	8.5
122	10.3	13.1	19.7



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.52 min Scan# 2283
 Delta R.T. -0.00 min
 Lab File: BF111603.D
 Acq: 19 Dec 2018 21:16

Tgt Ion:264 Resp: 489485

Ion	Ratio	Lower	Upper
264	100		
260	23.4	18.3	27.5
265	21.7	17.7	26.5

