

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112017\
 Data File : BF100751.D
 Acq On : 21 Nov 2017 00:48
 Operator : SJ/JU
 Sample : I6503-01
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EPE-L-9(21.3-23.3)

Quant Time: Nov 21 05:52:51 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 17 15:22:08 2017
 Response via : Initial Calibration

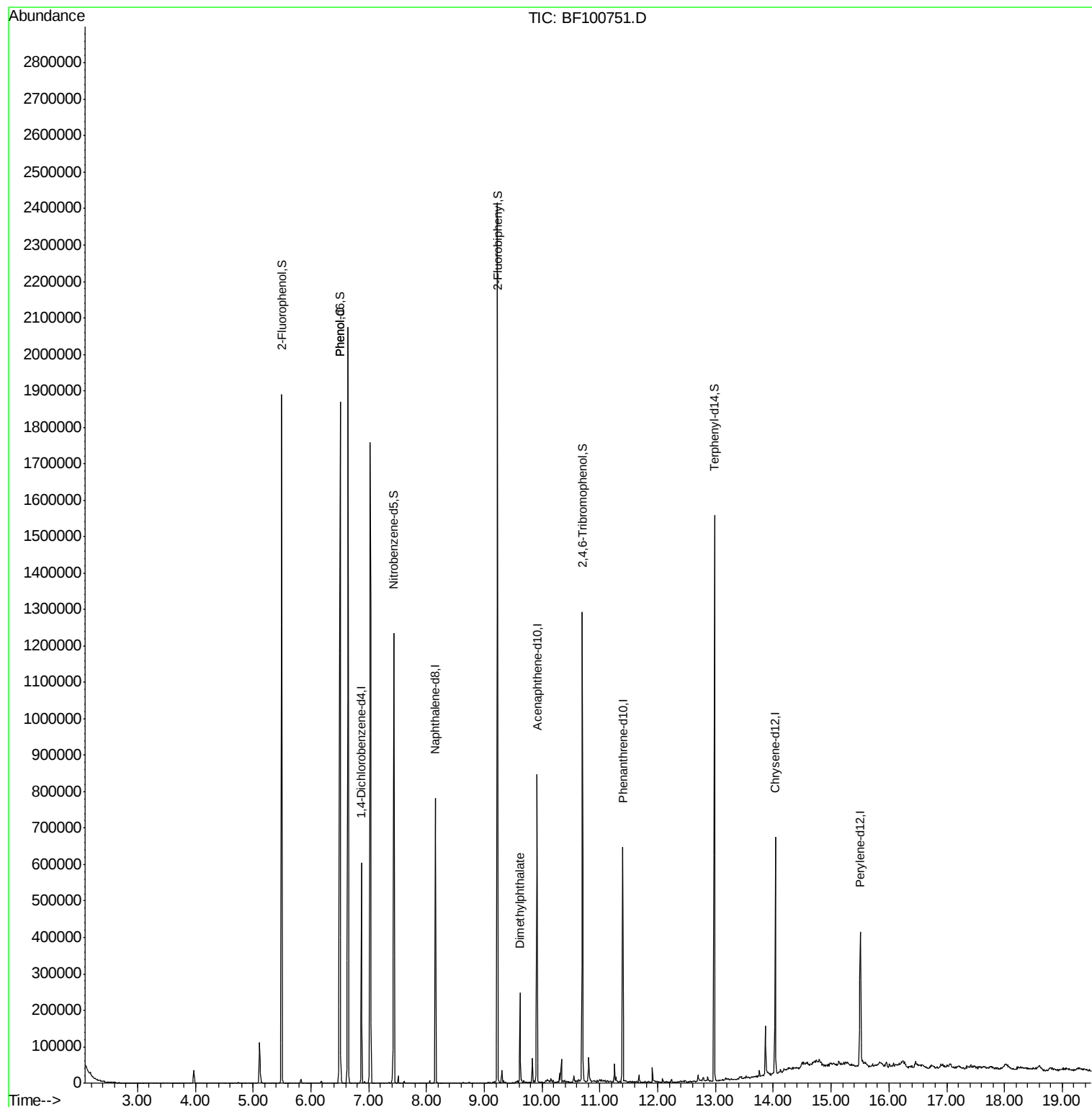
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	94154	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	362739	20.00	ng	-0.02
38) Acenaphthene-d10	9.91	164	156403	20.00	ng	-0.01
63) Phenanthrene-d10	11.40	188	247647	20.00	ng	0.00
75) Chrysene-d12	14.03	240	208308	20.00	ng	-0.01
86) Perylene-d12	15.50	264	173090	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	616437	104.95	ng	0.00
7) Phenol-d6	6.50	99	738199	101.92	ng	0.00
23) Nitrobenzene-d5	7.43	82	440647	80.31	ng	-0.02
41) 2,4,6-Tribromophenol	10.70	330	157318	98.71	ng	-0.01
44) 2-Fluorobiphenyl	9.23	172	817012	79.54	ng	-0.01
78) Terphenyl-d14	12.98	244	557579	61.50	ng	0.00
Target Compounds						
10) Phenol	6.51	94	31441	4.135	ng	94
49) Dimethylphthalate	9.62	163	103782	8.691	ng	98

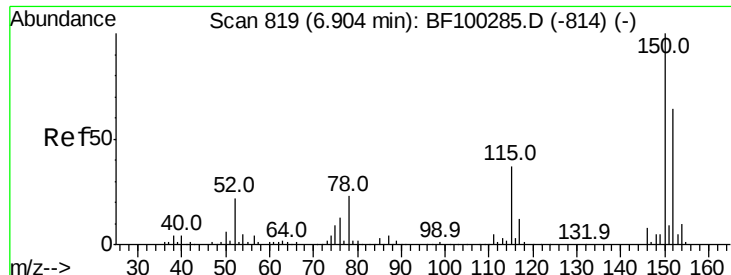
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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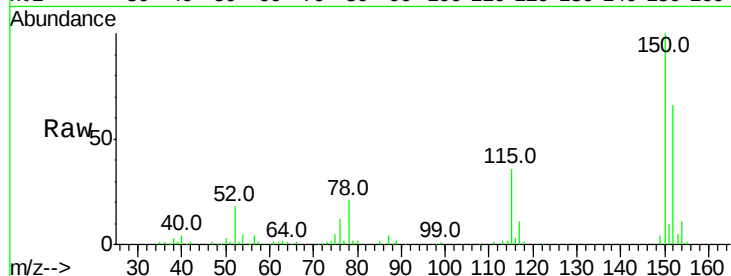


#1

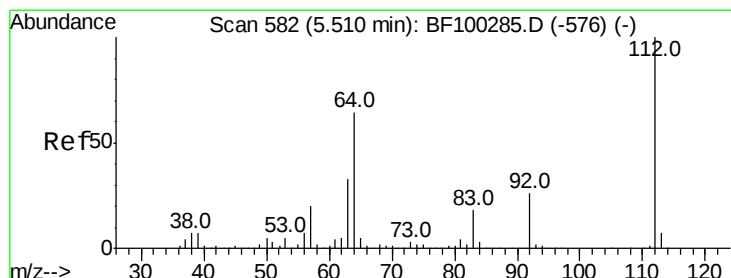
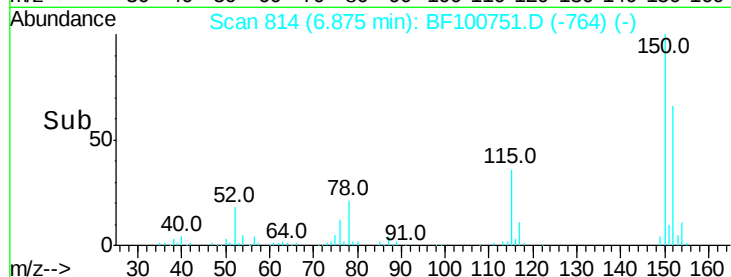
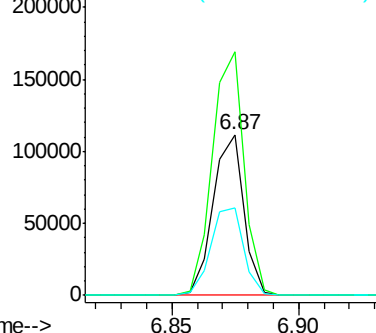
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 814
Delta R.T. -0.01 min
Lab File: BF100751.D
Acq: 21 Nov 2017 00:48

Instrument :
BNA_F
ClientSampleId :
EPE-L-9(21.3-23.3)

Tot Ion:152 Resp: 94154
Ion Ratio Lower Upper
152 100
150 151.6 124.6 186.8
115 54.2 50.1 75.1



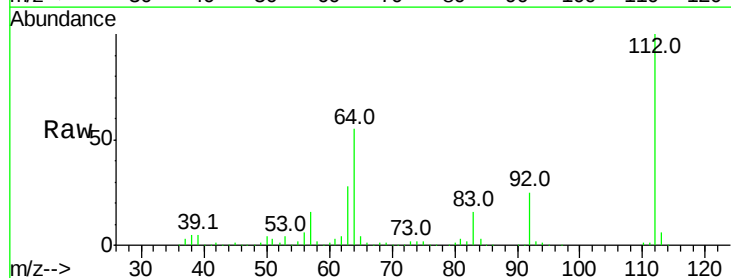
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



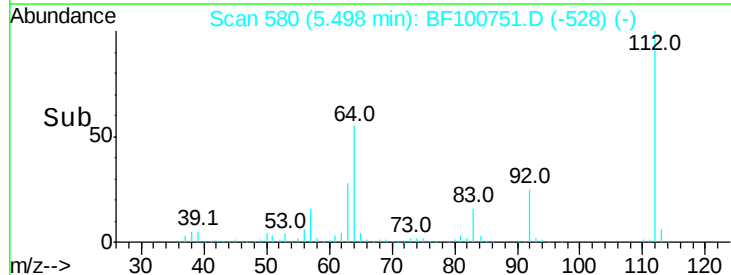
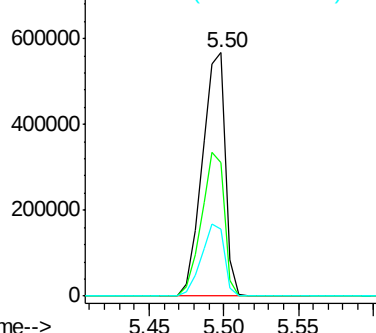
#5

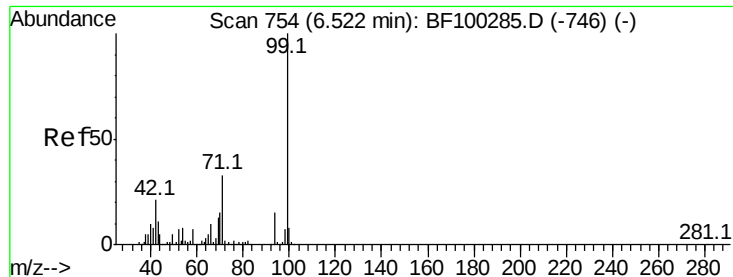
2-Fluorophenol
Concen: 104.949 ng
RT: 5.50 min Scan# 580
Delta R.T. 0.01 min
Lab File: BF100751.D
Acq: 21 Nov 2017 00:48

Tgt Ion:112 Resp: 616437
Ion Ratio Lower Upper
112 100
64 54.7 47.9 71.9
63 27.6 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: 101.919 ng

RT: 6.50 min Scan# 751

Delta R.T. -0.01 min

Lab File: BF100751.D

Acq: 21 Nov 2017 00:48

Instrument :

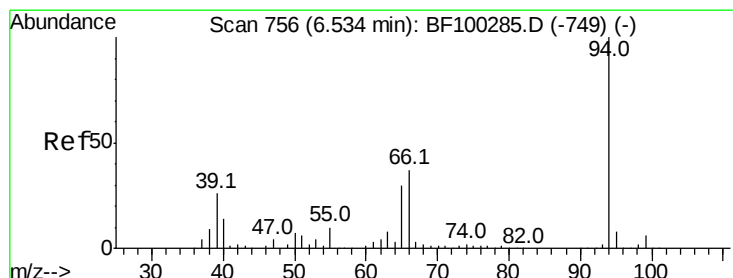
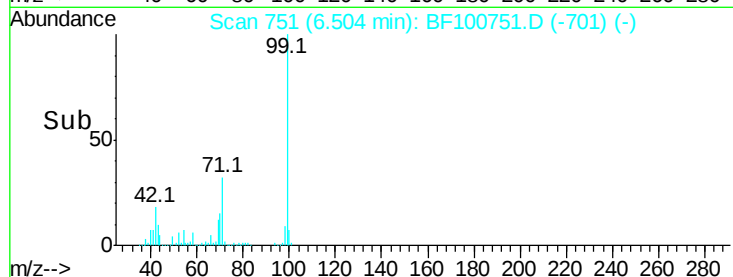
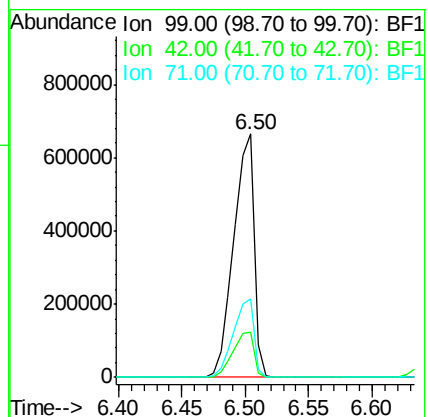
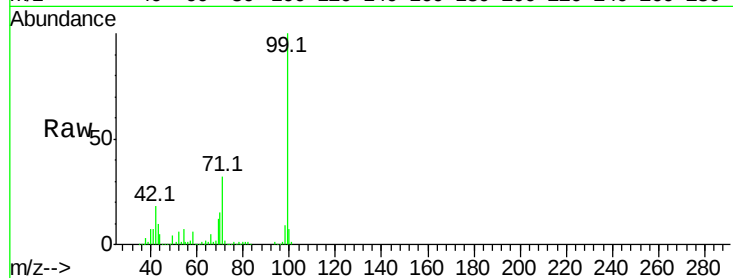
BNA_F

ClientSampleId :

EPE-L-9(21.3-23.3)

Tot Ion: 99 Resp: 738199

Ion	Ratio	Lower	Upper
99	100		
42	18.4	14.5	21.7
71	32.4	25.4	38.0



#10

Phenol

Concen: 4.135 ng

RT: 6.51 min Scan# 752

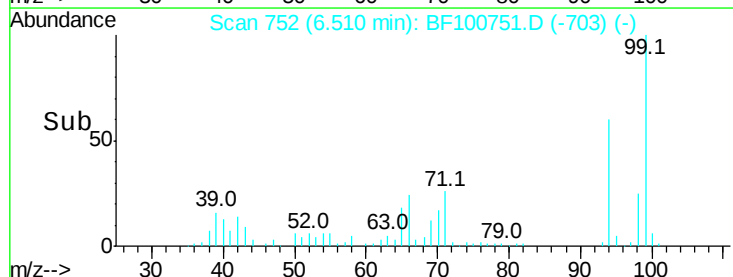
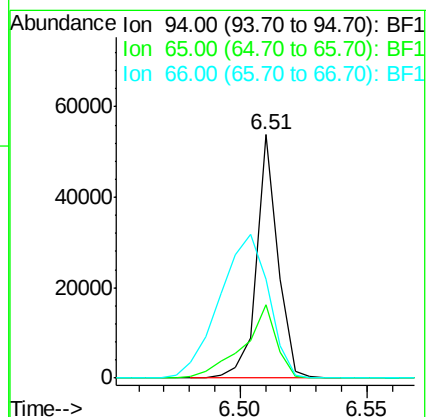
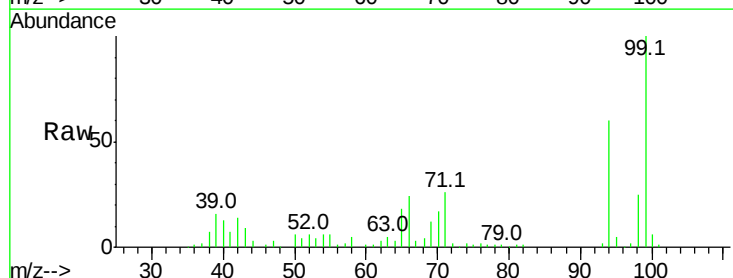
Delta R.T. -0.01 min

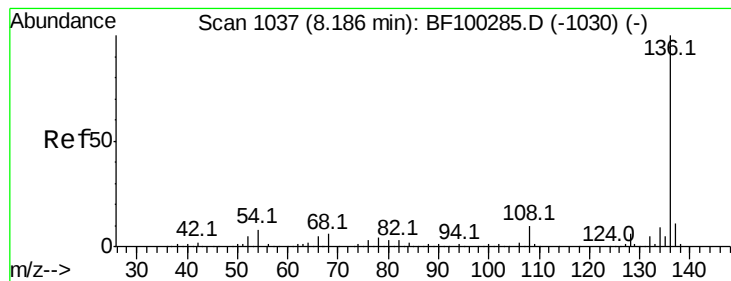
Lab File: BF100751.D

Acq: 21 Nov 2017 00:48

Tgt Ion: 94 Resp: 31441

Ion	Ratio	Lower	Upper
94	100		
65	29.9	7.9	47.9
66	40.9	16.2	56.2





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.15 min Scan# 1031

Delta R.T. -0.02 min

Lab File: BF100751.D

Acq: 21 Nov 2017 00:48

Instrument :

BNA_F

ClientSampleId :

EPE-L-9(21.3-23.3)

Tot Ion:136 Resp: 362739

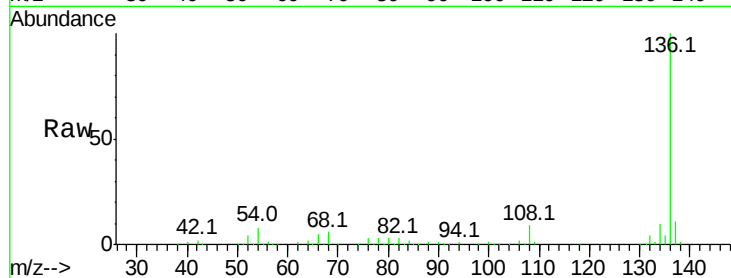
Ion Ratio Lower Upper

136 100

137 11.3 8.9 13.3

54 8.4 6.6 9.8

68 5.6 5.0 7.4

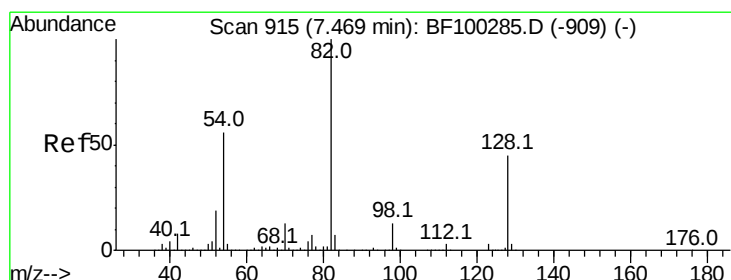
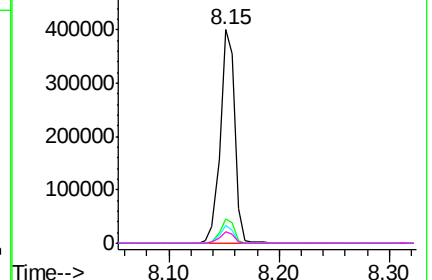
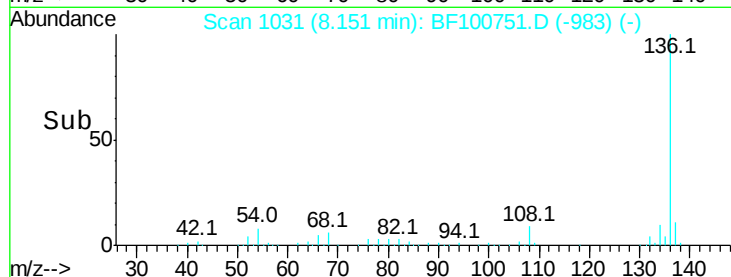


Abundance Ion 136.00 (135.70 to 136.70): E

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: 80.313 ng

RT: 7.43 min Scan# 909

Delta R.T. -0.02 min

Lab File: BF100751.D

Acq: 21 Nov 2017 00:48

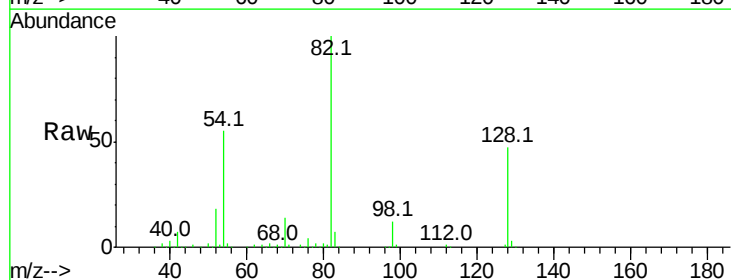
Tgt Ion: 82 Resp: 440647

Ion Ratio Lower Upper

82 100

128 46.9 36.1 54.1

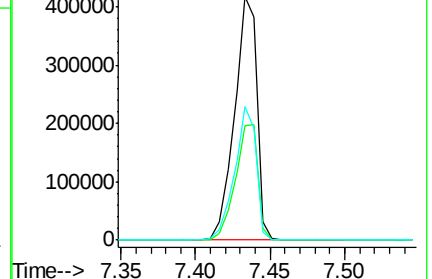
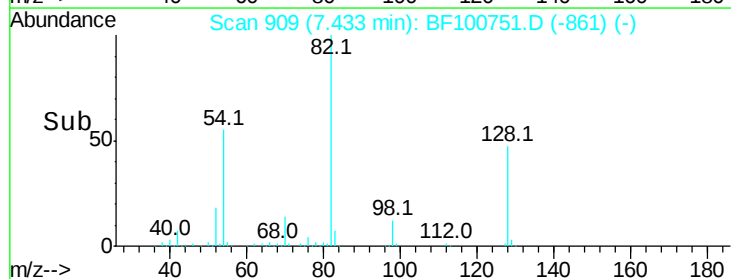
54 54.8 41.4 62.2

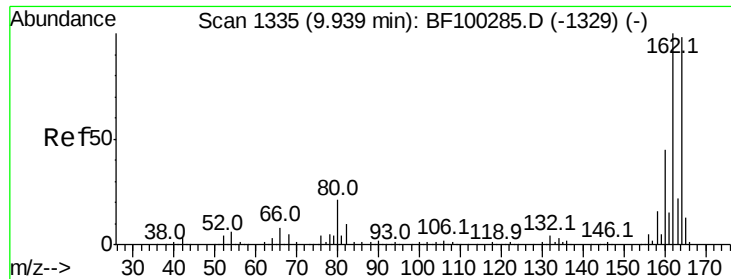


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1

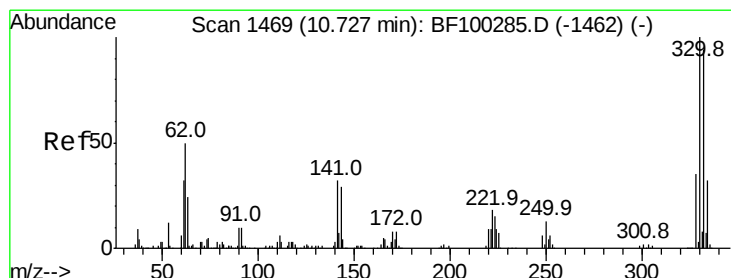
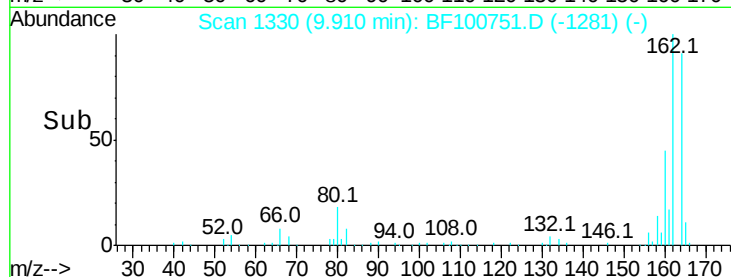
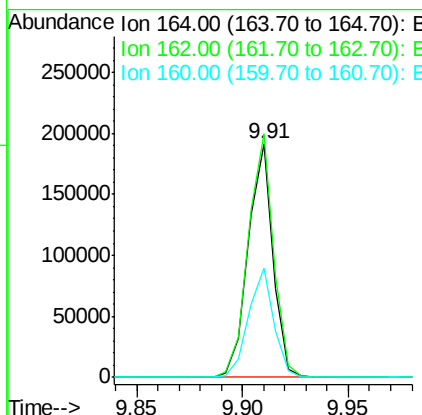
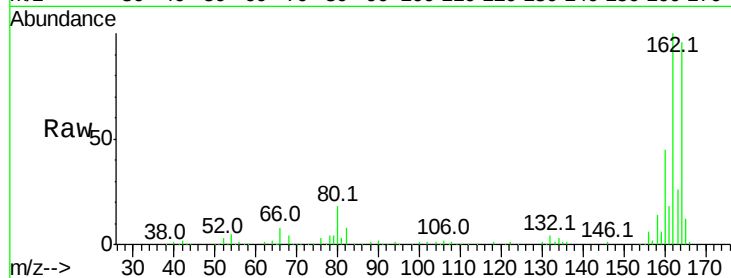




#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.91 min Scan# 1330
 Delta R.T. -0.01 min
 Lab File: BF100751.D
 Acq: 21 Nov 2017 00:48

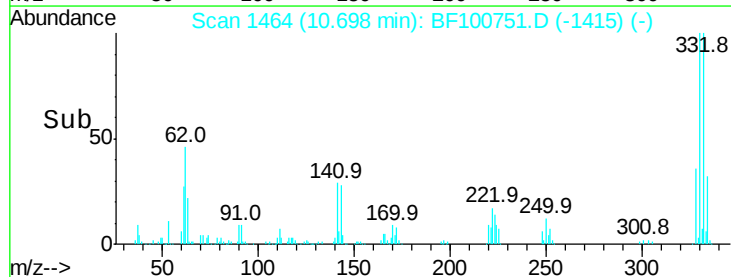
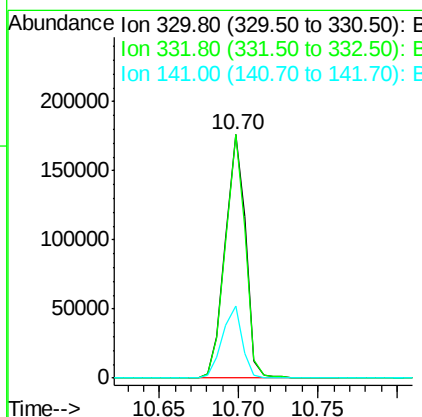
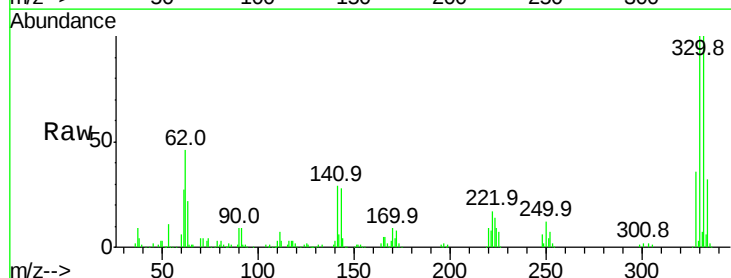
Instrument :
 BNA_F
 ClientSampleId :
 EPE-L-9(21.3-23.3)

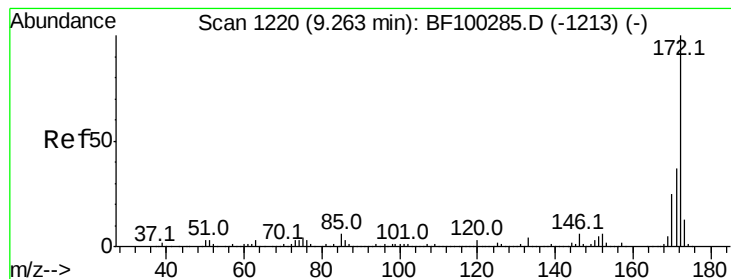
Tot Ion:164 Resp: 156403
 Ion Ratio Lower Upper
 164 100
 162 104.1 86.1 129.1
 160 46.6 38.3 57.5



#41
 2,4,6-Tribromophenol
 Concen: 98.710 ng
 RT: 10.70 min Scan# 1464
 Delta R.T. -0.01 min
 Lab File: BF100751.D
 Acq: 21 Nov 2017 00:48

Tgt Ion:330 Resp: 157318
 Ion Ratio Lower Upper
 330 100
 332 97.7 77.0 115.6
 141 28.8 29.9 44.9#





#44

2-Fluorobiphenyl

Concen: 79.543 ng

RT: 9.23 min Scan# 1214

Delta R.T. -0.01 min

Lab File: BF100751.D

Acq: 21 Nov 2017 00:48

Instrument :

BNA_F

ClientSampleId :

EPE-L-9(21.3-23.3)

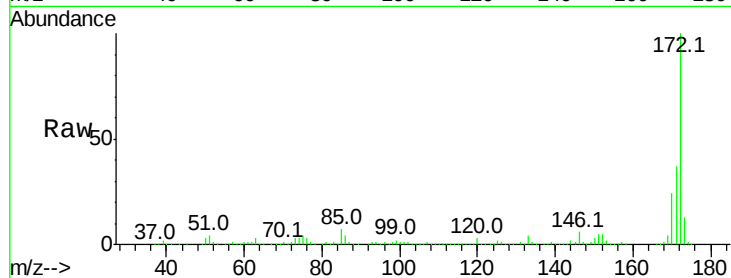
Tot Ion:172 Resp: 817012

Ion Ratio Lower Upper

172 100

171 36.9 29.7 44.5

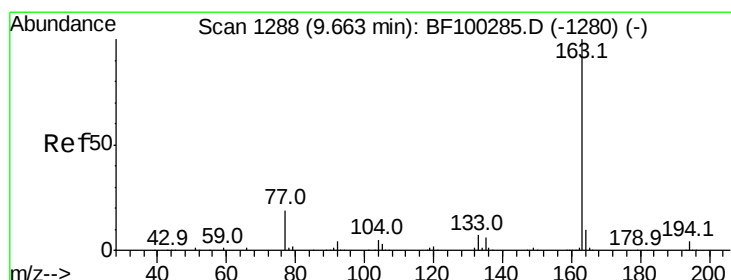
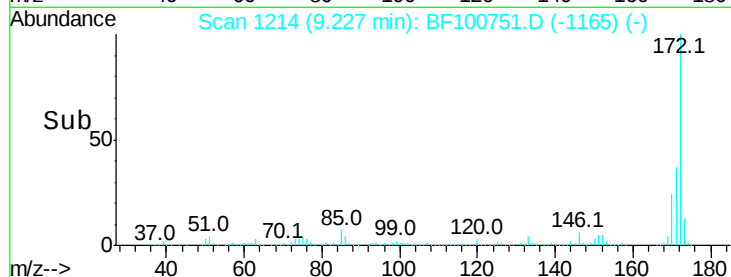
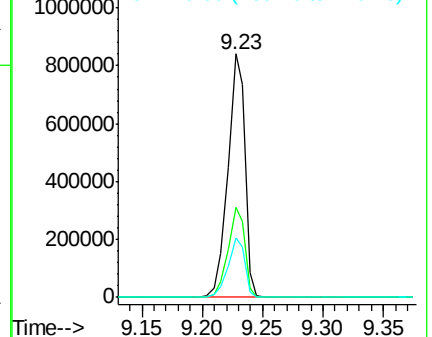
170 24.3 19.6 29.4



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



#49

Dimethylphthalate

Concen: 8.691 ng

RT: 9.62 min Scan# 1281

Delta R.T. -0.02 min

Lab File: BF100751.D

Acq: 21 Nov 2017 00:48

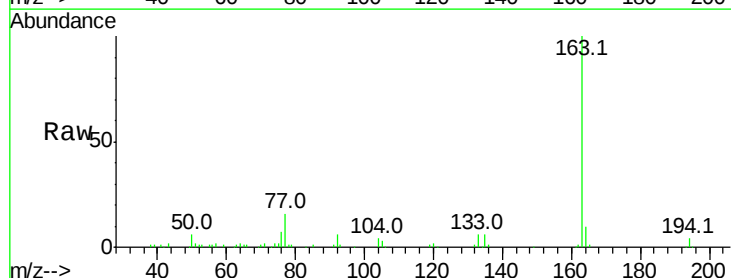
Tgt Ion:163 Resp: 103782

Ion Ratio Lower Upper

163 100

194 3.8 2.7 4.1

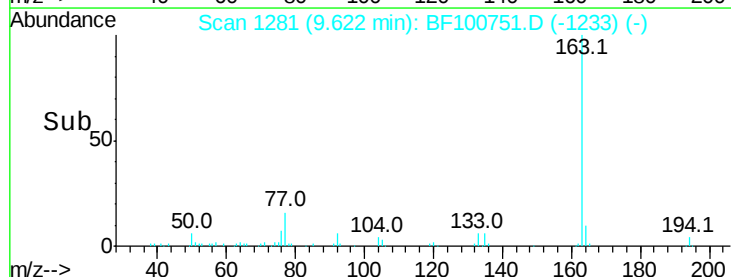
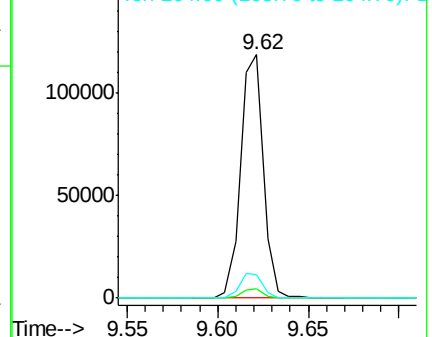
164 9.5 8.2 12.2

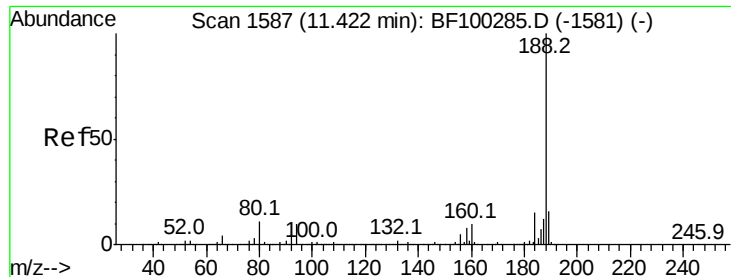


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

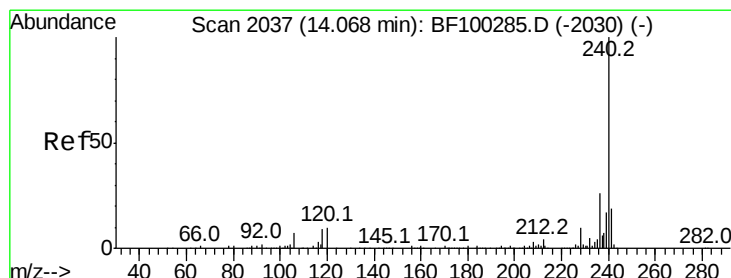
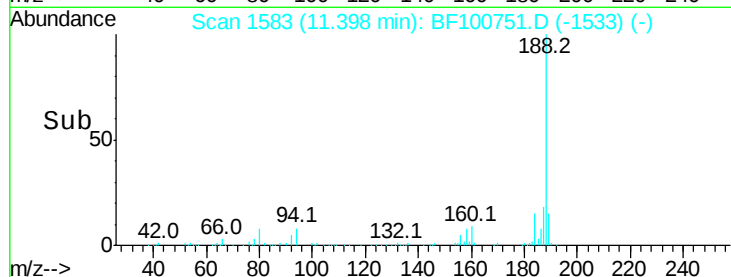
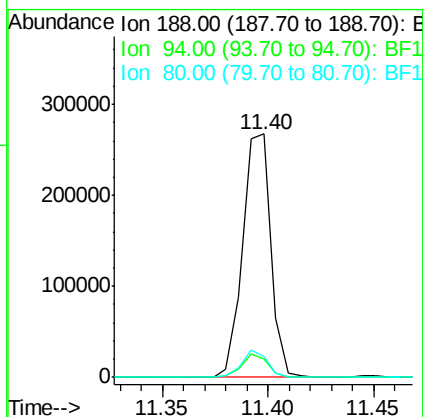
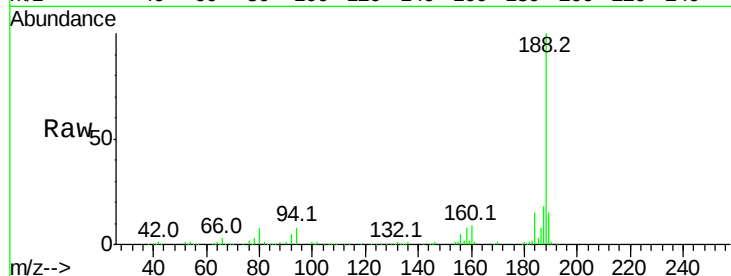




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1583
Delta R.T. -0.01 min
Lab File: BF100751.D
Acq: 21 Nov 2017 00:48

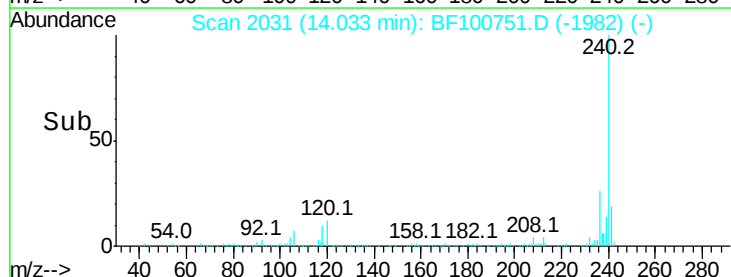
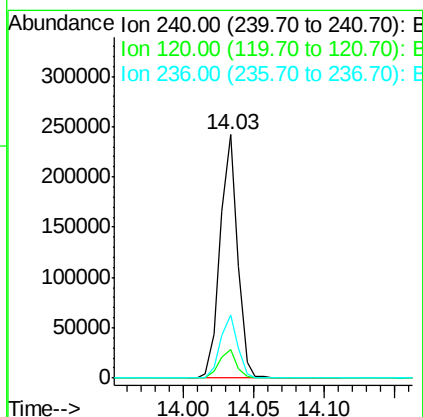
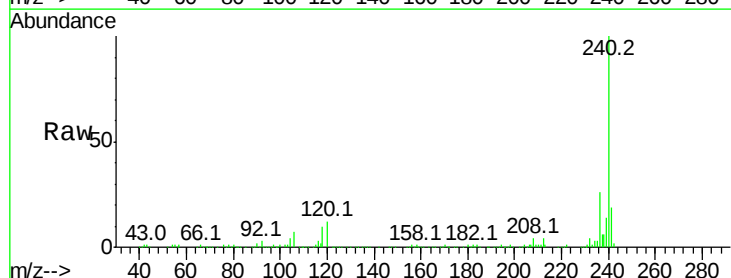
Instrument :
BNA_F
ClientSampleId :
EPE-L-9(21.3-23.3)

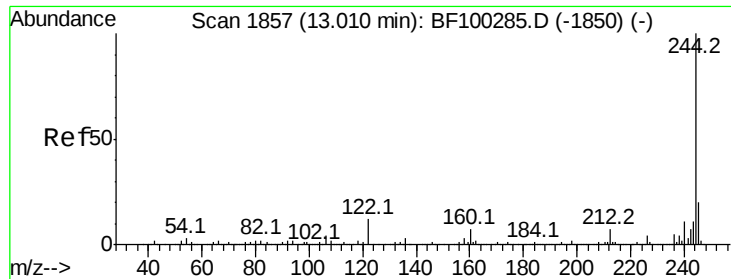
Tot Ion:188 Resp: 247647
Ion Ratio Lower Upper
188 100
94 7.8 8.5 12.7#
80 8.5 9.2 13.8#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.03 min Scan# 2031
Delta R.T. -0.01 min
Lab File: BF100751.D
Acq: 21 Nov 2017 00:48

Tgt Ion:240 Resp: 208308
Ion Ratio Lower Upper
240 100
120 11.8 9.5 14.3
236 26.1 20.7 31.1

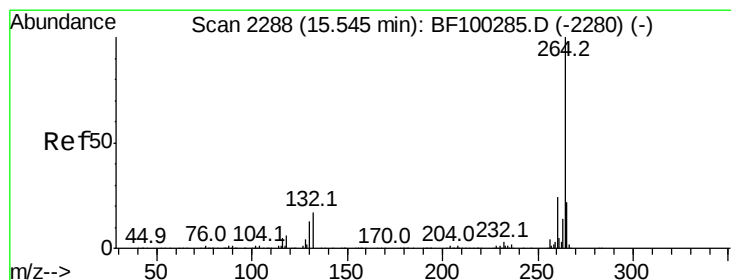
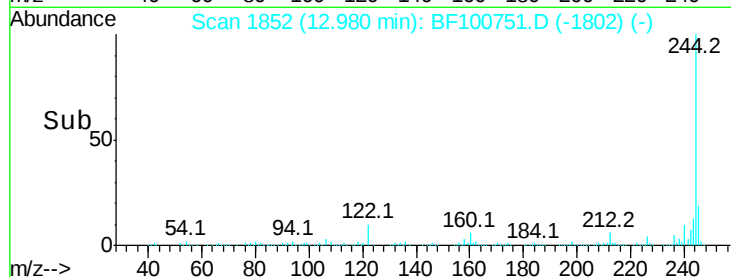
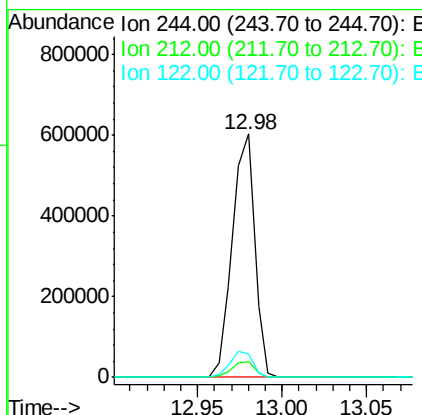
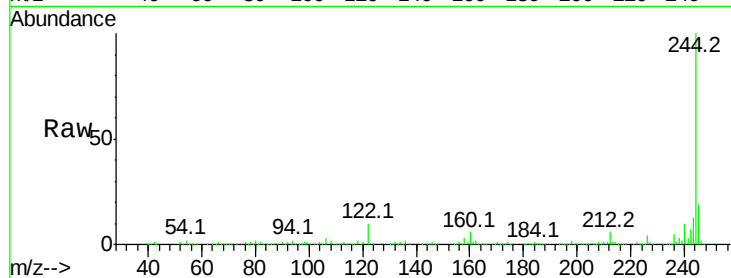




#78
 Terphenyl-d14
 Concen: 61.503 ng
 RT: 12.98 min Scan# 1852
 Delta R.T. -0.01 min
 Lab File: BF100751.D
 Acq: 21 Nov 2017 00:48

Instrument :
 BNA_F
 ClientSampleId :
 EPE-L-9(21.3-23.3)

Tot Ion:244 Resp: 557579
 Ion Ratio Lower Upper
 244 100
 212 6.3 5.4 8.0
 122 9.9 11.0 16.4#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.50 min Scan# 2281
 Delta R.T. -0.01 min
 Lab File: BF100751.D
 Acq: 21 Nov 2017 00:48

Tgt Ion:264 Resp: 173090
 Ion Ratio Lower Upper
 264 100
 260 23.9 19.2 28.8
 265 21.4 17.5 26.3

