

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF091317\
 Data File : BF098487.D
 Acq On : 13 Sep 2017 13:56
 Operator : SJ/JU
 Sample : I5175-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OILY-DRUM-COMP

Quant Time: Sep 13 19:02:47 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF091117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 12 02:14:50 2017
 Response via : Initial Calibration

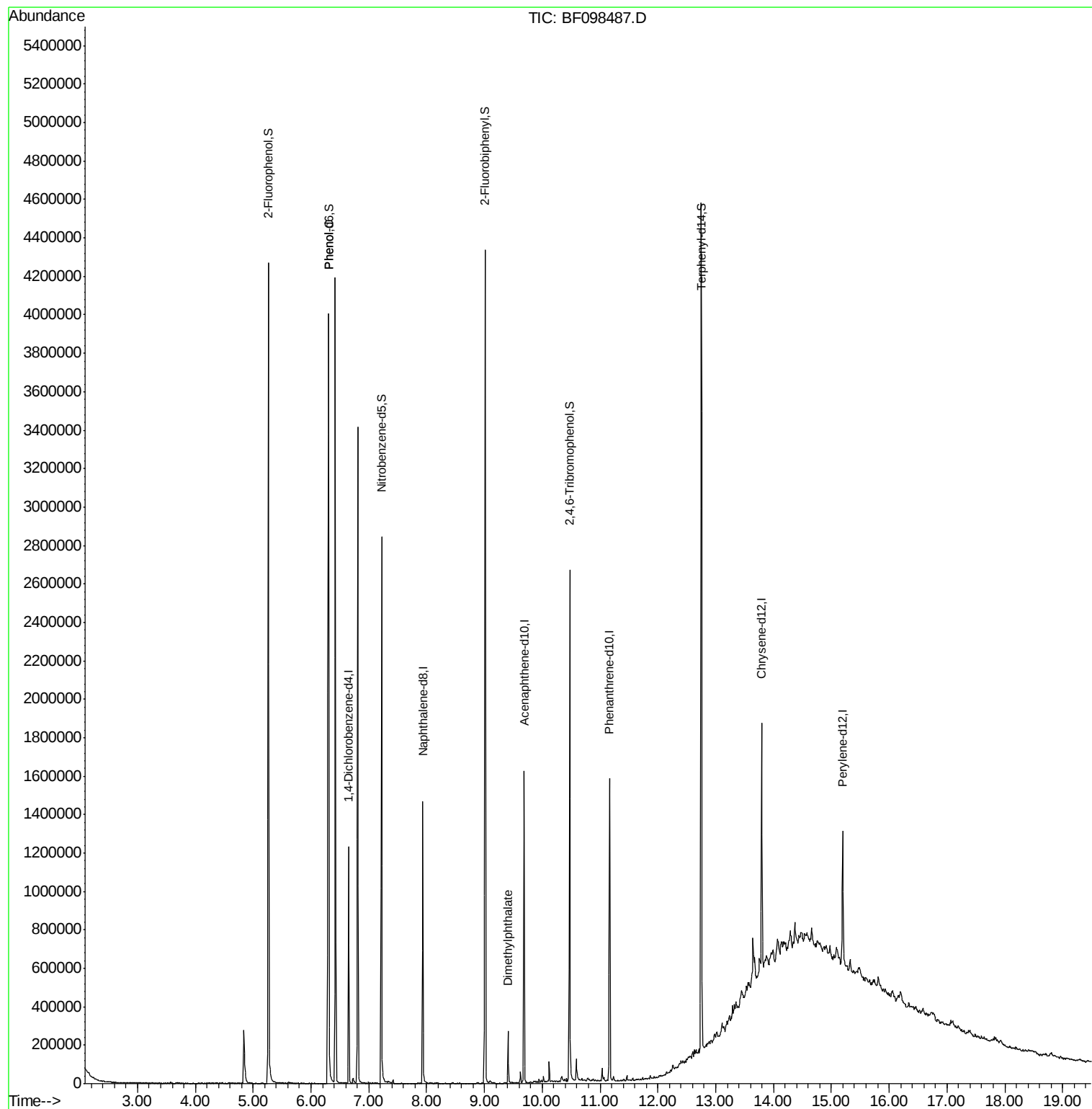
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.65	152	160338	20.00	ng	-0.02
21) Naphthalene-d8	7.93	136	666338	20.00	ng	-0.02
38) Acenaphthene-d10	9.69	164	299804	20.00	ng	-0.02
63) Phenanthrene-d10	11.16	188	564392	20.00	ng	-0.02
75) Chrysene-d12	13.80	240	403739	20.00	ng	-0.02
86) Perylene-d12	15.20	264	313477	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.26	112	1201649	110.81	ng	-0.01
7) Phenol-d6	6.30	99	1465053	106.40	ng	-0.02
23) Nitrobenzene-d5	7.22	82	900131	75.31	ng	-0.02
41) 2,4,6-Tribromophenol	10.47	330	269506	134.69	ng	-0.02
44) 2-Fluorobiphenyl	9.01	172	1514056	85.60	ng	-0.02
78) Terphenyl-d14	12.75	244	1406221	75.18	ng	-0.02
Target Compounds						
10) Phenol	6.31	94	35586	2.225	ng	Qvalue # 51
49) Dimethylphthalate	9.41	163	102013	4.396	ng	98

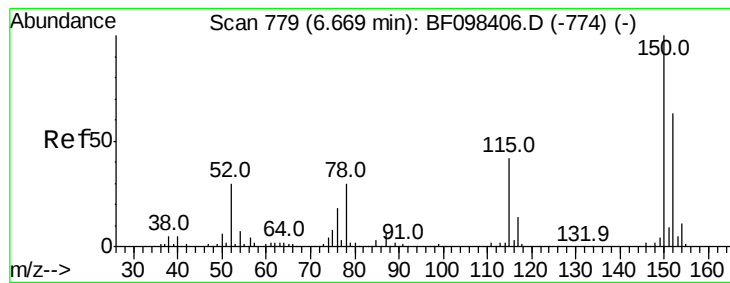
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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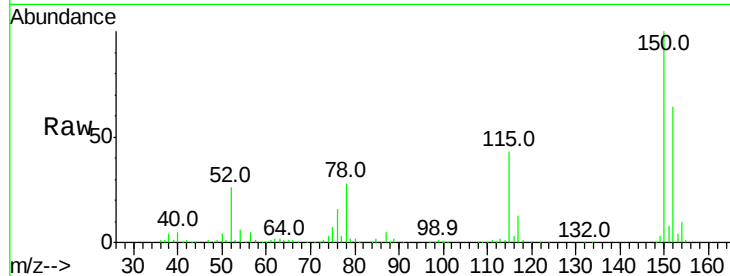


#1

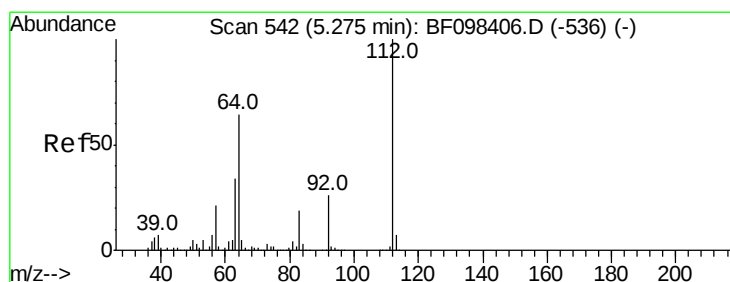
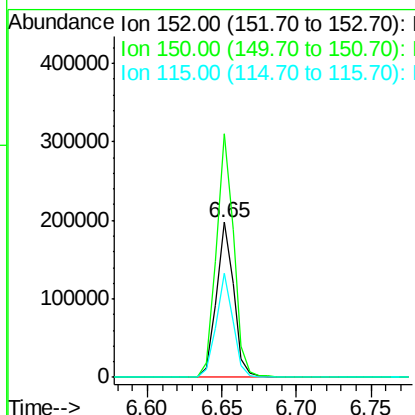
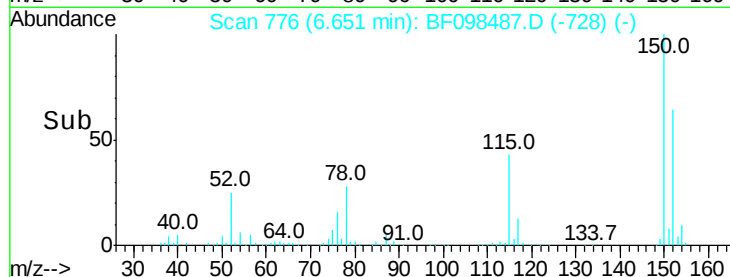
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.65 min Scan# 776
 Delta R.T. -0.02 min
 Lab File: BF098487.D
 Acq: 13 Sep 2017 13:56

Instrument :
 BNA_F
 ClientSampleId :
 OILY-DRUM-COMP

Tot Ion:152 Resp: 160338
 Ion Ratio Lower Upper
 152 100
 150 156.9 126.2 189.2
 115 67.5 52.2 78.2



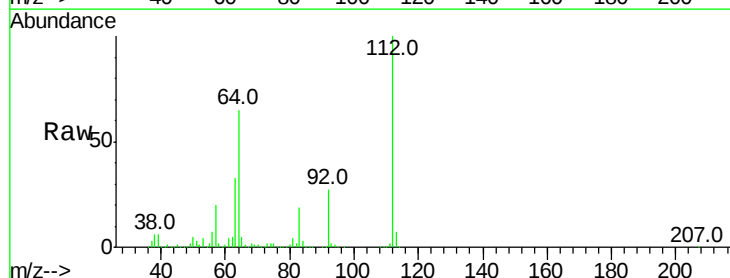
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



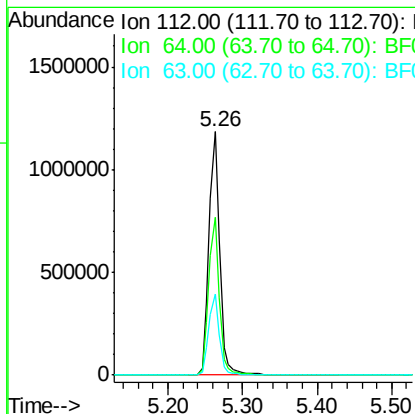
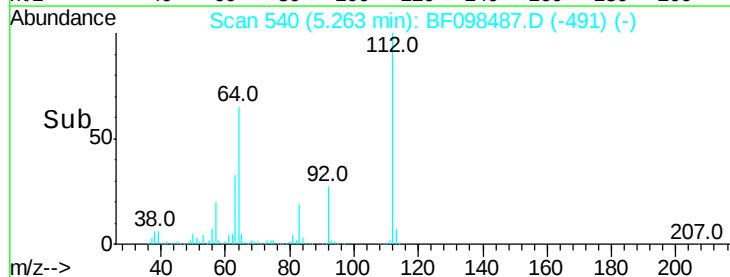
#5

2-Fluorophenol
 Concen: 110.808 ng
 RT: 5.26 min Scan# 540
 Delta R.T. -0.01 min
 Lab File: BF098487.D
 Acq: 13 Sep 2017 13:56

Tgt Ion:112 Resp: 1201649
 Ion Ratio Lower Upper
 112 100
 64 64.6 46.0 69.0
 63 33.5 23.4 35.0



Abundance Ion 112.00 (111.70 to 112.70): E
 Ion 64.00 (63.70 to 64.70): BF0
 Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 106.404 ng

RT: 6.30 min Scan# 717

Delta R.T. -0.02 min

Lab File: BF098487.D

Acq: 13 Sep 2017 13:56

Instrument :
BNA_F
ClientSampleId :
OILY-DRUM-COMP

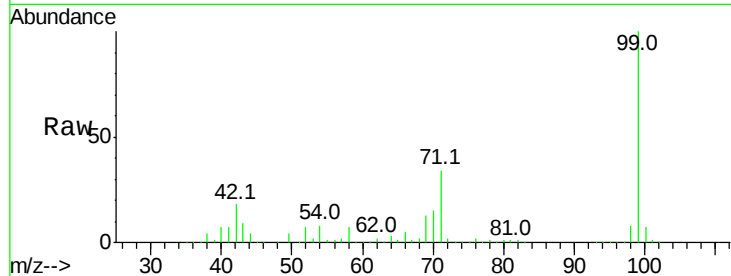
Tot Ion: 99 Resp: 1465053

Ion	Ratio	Lower	Upper
99	100		
42	18.3	13.5	20.3
71	33.6	24.5	36.7

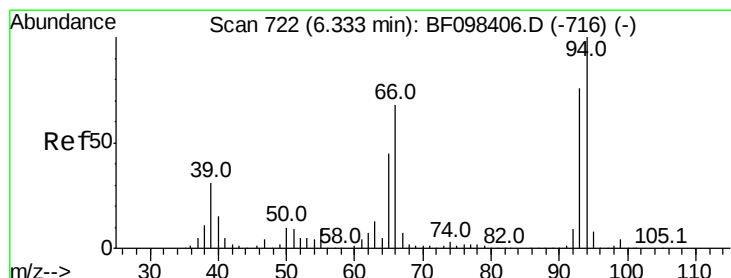
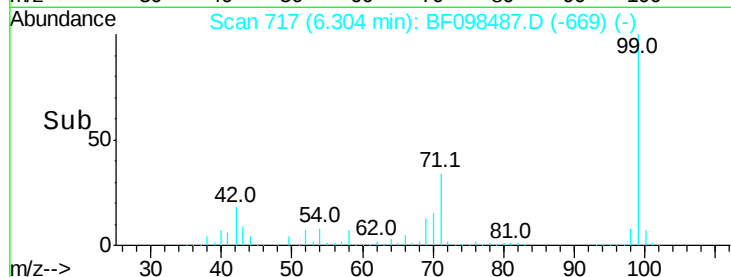
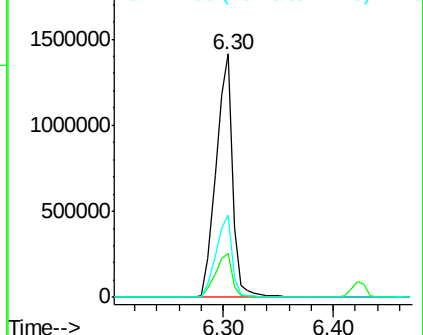
99 100

42 18.3 13.5 20.3

71 33.6 24.5 36.7



Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0



#10

Phenol

Concen: 2.225 ng

RT: 6.31 min Scan# 718

Delta R.T. -0.02 min

Lab File: BF098487.D

Acq: 13 Sep 2017 13:56

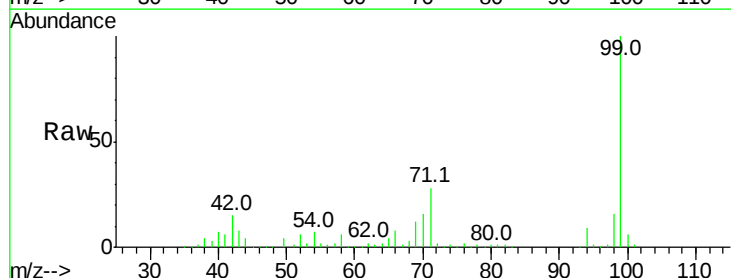
Tgt Ion: 94 Resp: 35586

Ion	Ratio	Lower	Upper
94	100		
65	41.2	9.9	49.9
66	87.5	23.1	63.1#

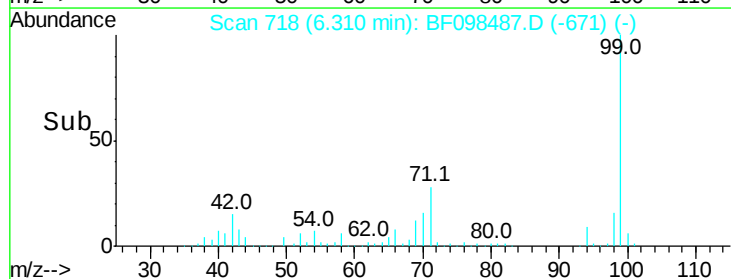
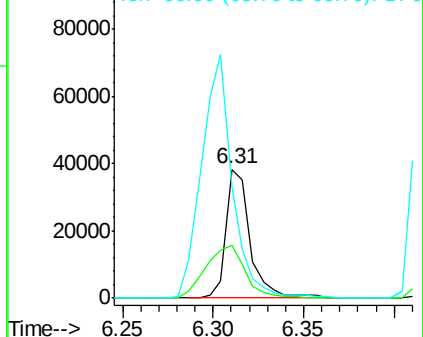
94 100

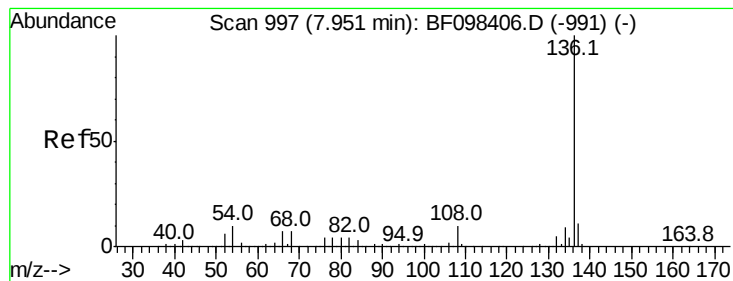
65 41.2 9.9 49.9

66 87.5 23.1 63.1#



Abundance Ion 94.00 (93.70 to 94.70): BF0
Ion 65.00 (64.70 to 65.70): BF0
Ion 66.00 (65.70 to 66.70): BF0





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.93 min Scan# 994

Delta R.T. -0.02 min

Lab File: BF098487.D

Acq: 13 Sep 2017 13:56

Instrument :

BNA_F

ClientSampleId :

OILY-DRUM-COMP

Tot Ion:136 Resp: 666338

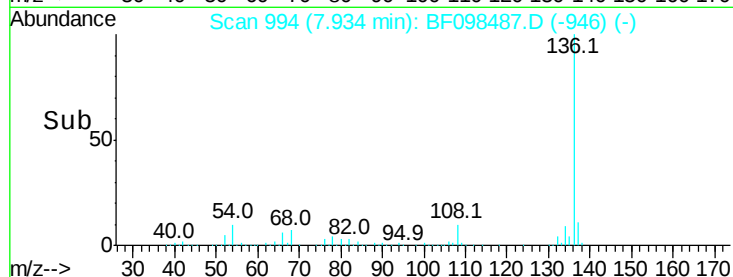
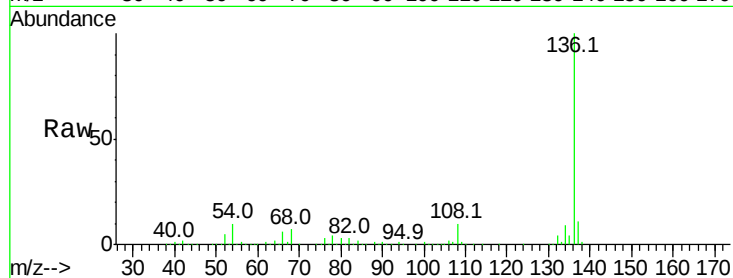
Ion Ratio Lower Upper

136 100

137 11.2 8.5 12.7

54 9.8 4.9 7.3#

68 6.8 4.1 6.1#

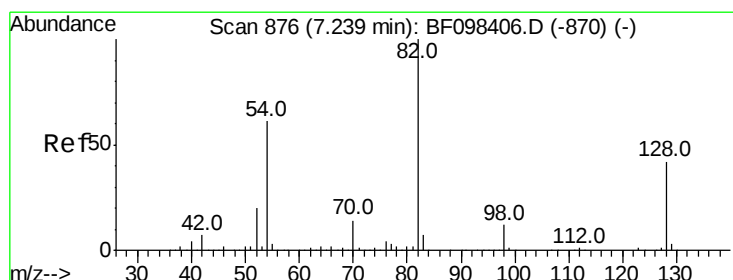
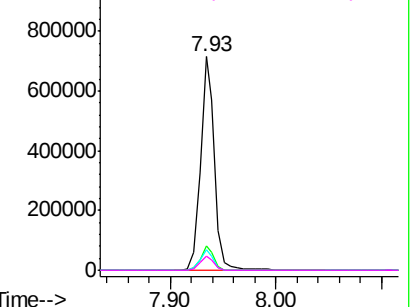


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#23

Nitrobenzene-d5

Concen: 75.310 ng

RT: 7.22 min Scan# 873

Delta R.T. -0.02 min

Lab File: BF098487.D

Acq: 13 Sep 2017 13:56

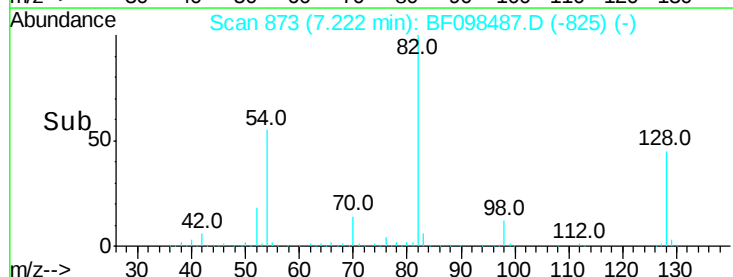
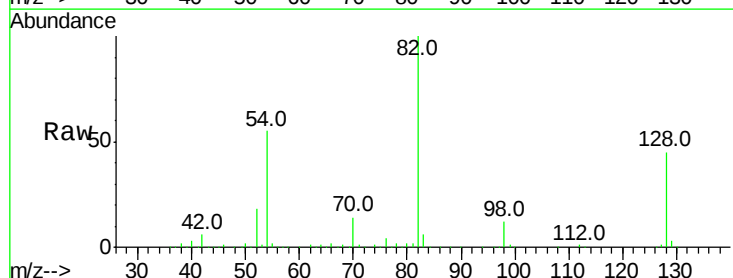
Tgt Ion: 82 Resp: 900131

Ion Ratio Lower Upper

82 100

128 44.8 34.0 51.0

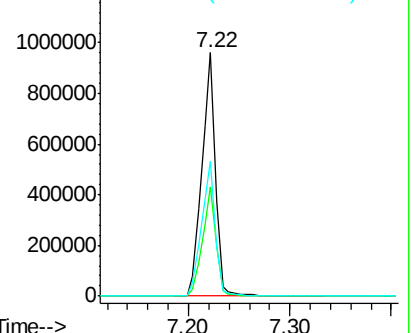
54 55.2 42.2 63.2

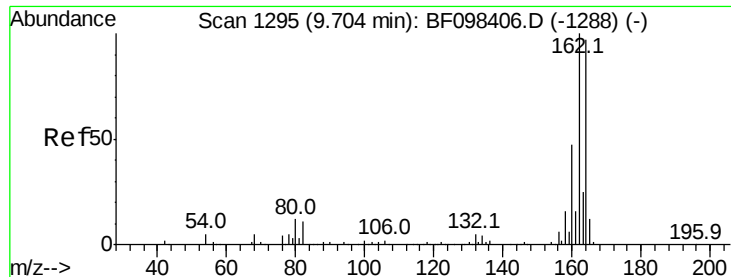


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.69 min Scan# 1292

Delta R.T. -0.02 min

Lab File: BF098487.D

Acq: 13 Sep 2017 13:56

Instrument :

BNA_F

ClientSampleId :

OILY-DRUM-COMP

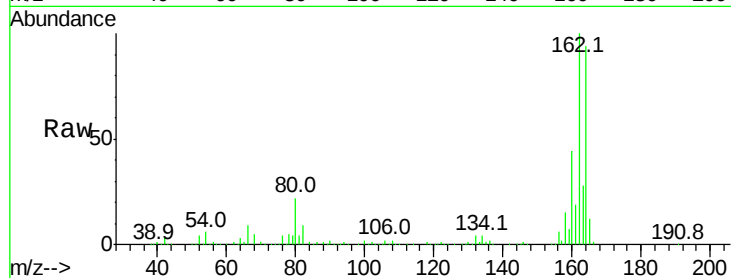
Tot Ion:164 Resp: 299804

Ion Ratio Lower Upper

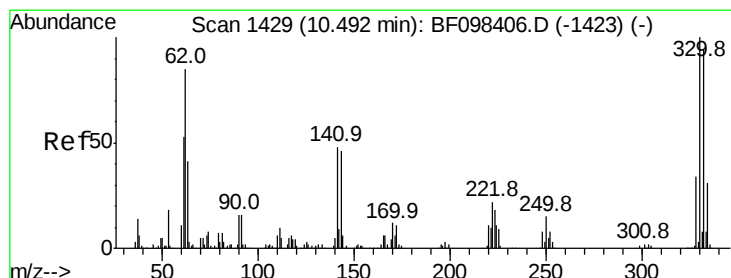
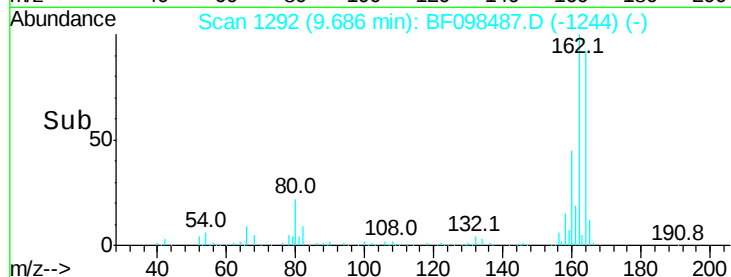
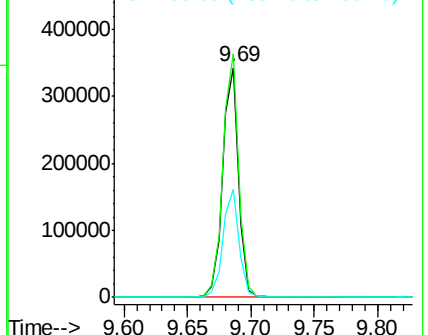
164 100

162 106.1 82.6 123.8

160 47.1 36.2 54.2



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



#41

2,4,6-Tribromophenol

Concen: 134.689 ng

RT: 10.47 min Scan# 1426

Delta R.T. -0.02 min

Lab File: BF098487.D

Acq: 13 Sep 2017 13:56

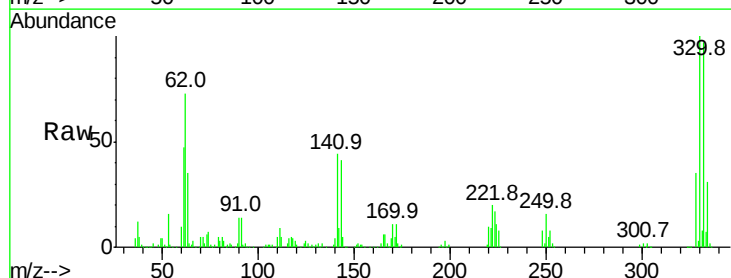
Tgt Ion:330 Resp: 269506

Ion Ratio Lower Upper

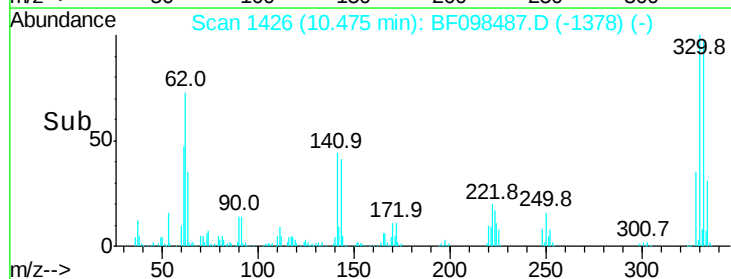
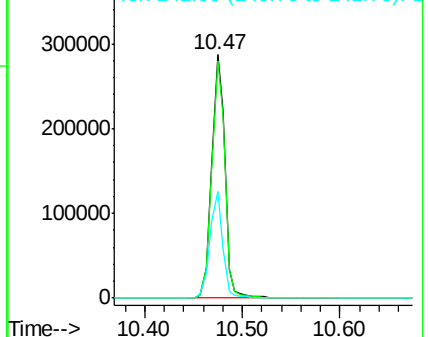
330 100

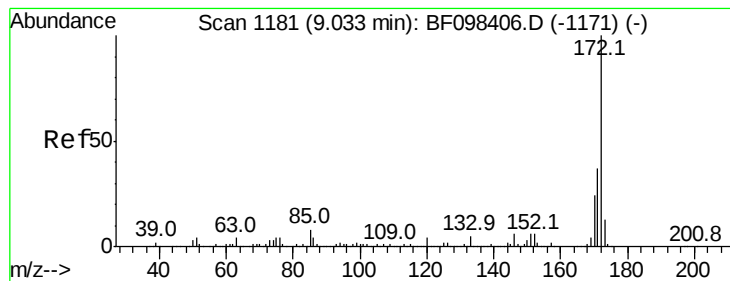
332 97.0 76.6 115.0

141 42.4 31.4 47.2



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

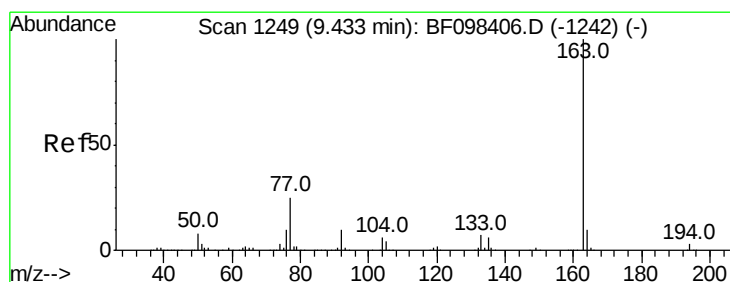
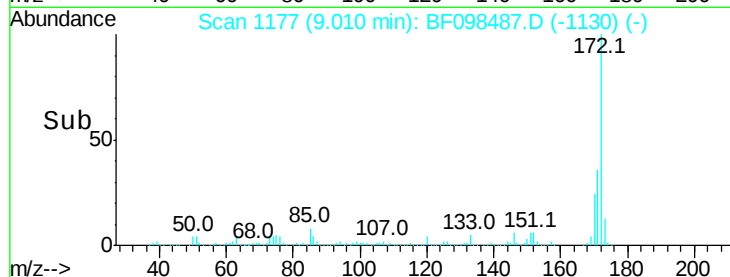
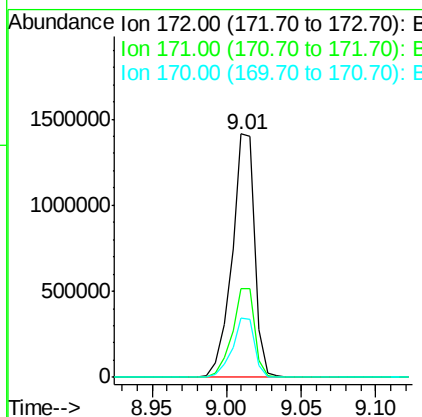
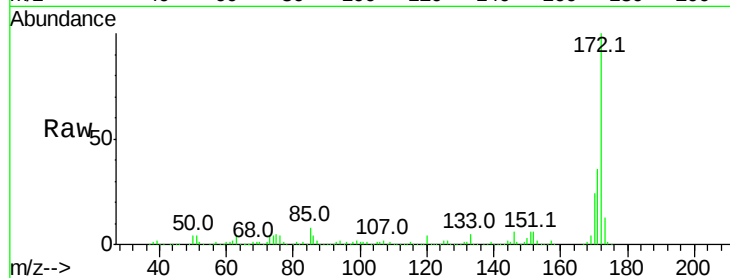




#44
2-Fluorobiphenyl
Concen: 85.596 ng
RT: 9.01 min Scan# 1177
Delta R.T. -0.02 min
Lab File: BF098487.D
Acq: 13 Sep 2017 13:56

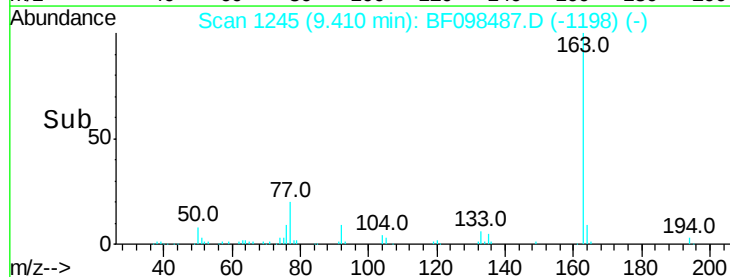
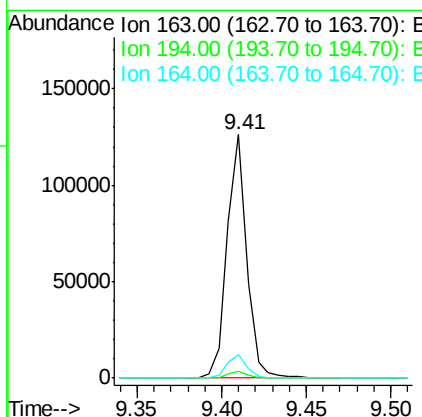
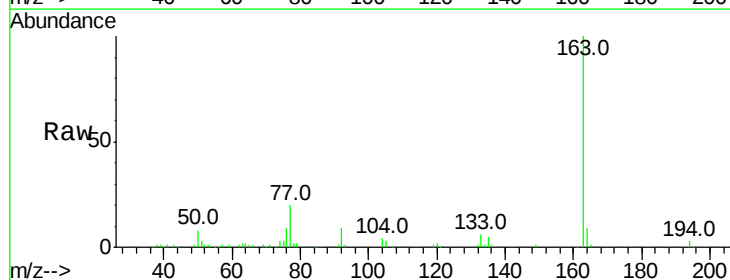
Instrument :
BNA_F
ClientSampleId :
OILY-DRUM-COMP

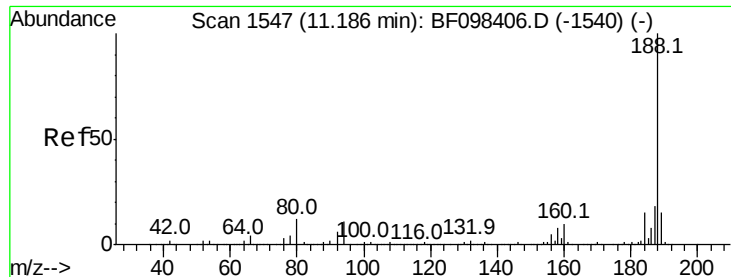
Tot Ion:172 Resp: 1514056
Ion Ratio Lower Upper
172 100
171 36.3 29.6 44.4
170 24.1 19.8 29.8



#49
Dimethylphthalate
Concen: 4.396 ng
RT: 9.41 min Scan# 1245
Delta R.T. -0.02 min
Lab File: BF098487.D
Acq: 13 Sep 2017 13:56

Tgt Ion:163 Resp: 102013
Ion Ratio Lower Upper
163 100
194 3.0 2.6 4.0
164 9.5 8.4 12.6

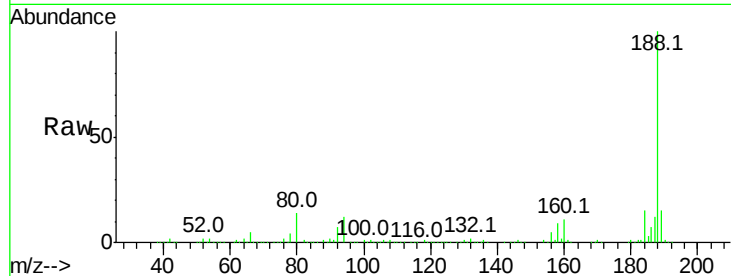




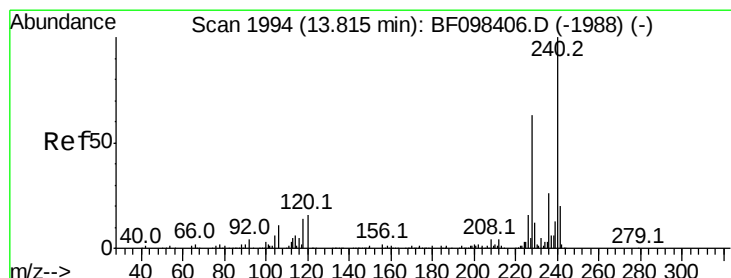
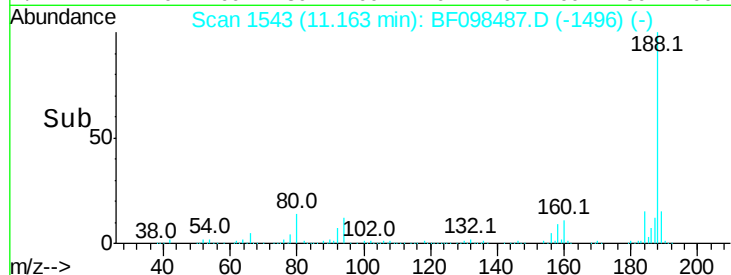
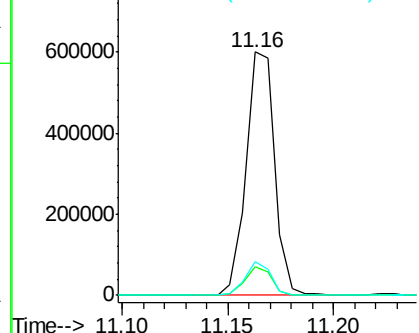
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.16 min Scan# 1543
 Delta R.T. -0.02 min
 Lab File: BF098487.D
 Acq: 13 Sep 2017 13:56

Instrument :
 BNA_F
 ClientSampleId :
 OILY-DRUM-COMP

Tot Ion:188 Resp: 564392
 Ion Ratio Lower Upper
 188 100
 94 11.8 9.4 14.2
 80 13.7 10.2 15.2

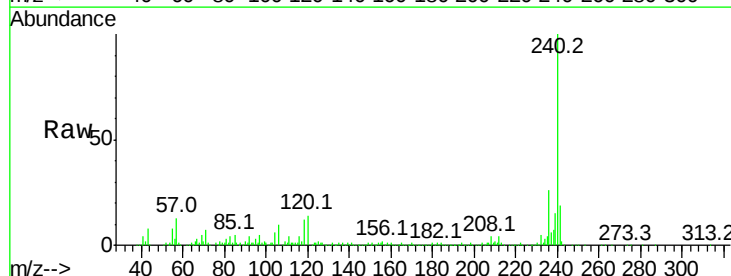


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

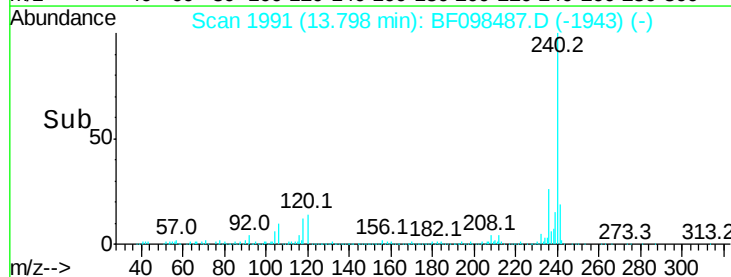
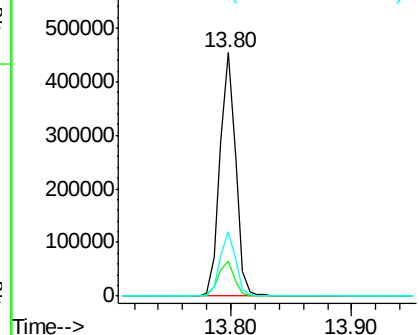


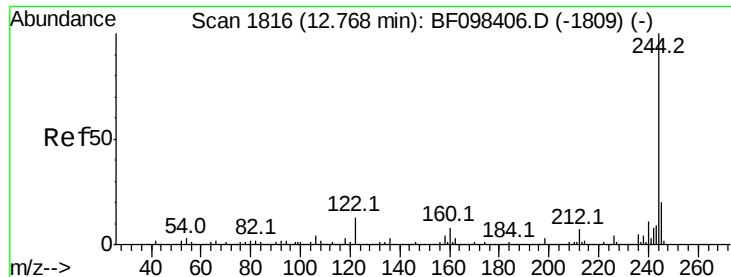
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.80 min Scan# 1991
 Delta R.T. -0.02 min
 Lab File: BF098487.D
 Acq: 13 Sep 2017 13:56

Tgt Ion:240 Resp: 403739
 Ion Ratio Lower Upper
 240 100
 120 14.2 5.8 8.8#
 236 26.2 20.5 30.7



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

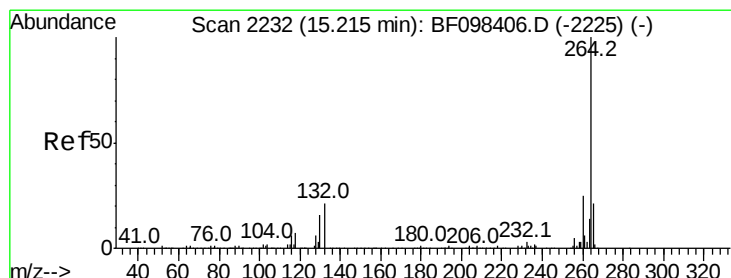
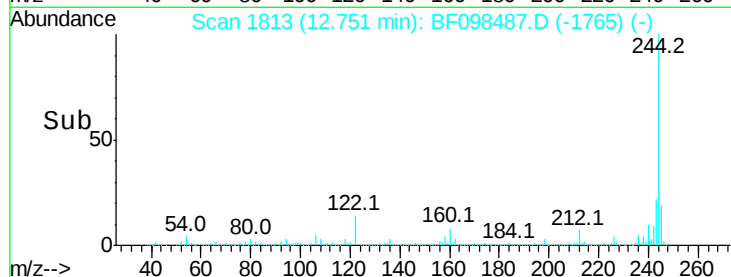
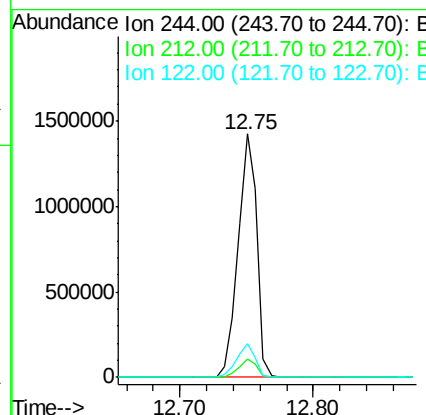
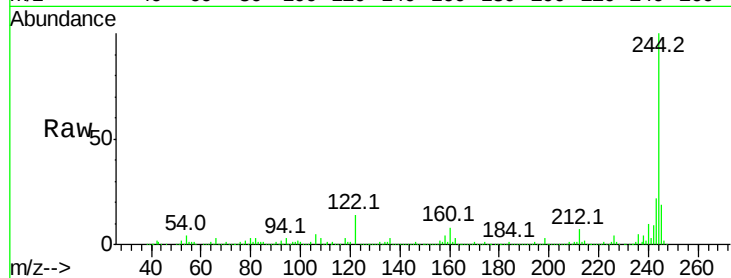




#78
 Terphenyl-d14
 Concen: 75.179 ng
 RT: 12.75 min Scan# 1813
 Delta R.T. -0.02 min
 Lab File: BF098487.D
 Acq: 13 Sep 2017 13:56

Instrument :
 BNA_F
 ClientSampleId :
 OILY-DRUM-COMP

Tot Ion:244 Resp: 1406221
 Ion Ratio Lower Upper
 244 100
 212 7.3 6.0 9.0
 122 14.0 10.3 15.5



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.20 min Scan# 2229
 Delta R.T. -0.02 min
 Lab File: BF098487.D
 Acq: 13 Sep 2017 13:56

Tgt Ion:264 Resp: 313477
 Ion Ratio Lower Upper
 264 100
 260 25.3 19.5 29.3
 265 21.8 17.2 25.8

