

Data Path : Z:\HPCHEM1\BNA F\DATA\BF110215\
 Data File : BF082642.D
 Acq On : 2 Nov 2015 20:34
 Operator : UM/IZ
 Sample : G4238-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 T-18L

Quant Time: Nov 03 04:04:21 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF103015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Oct 31 00:17:39 2015
 Response via : Initial Calibration

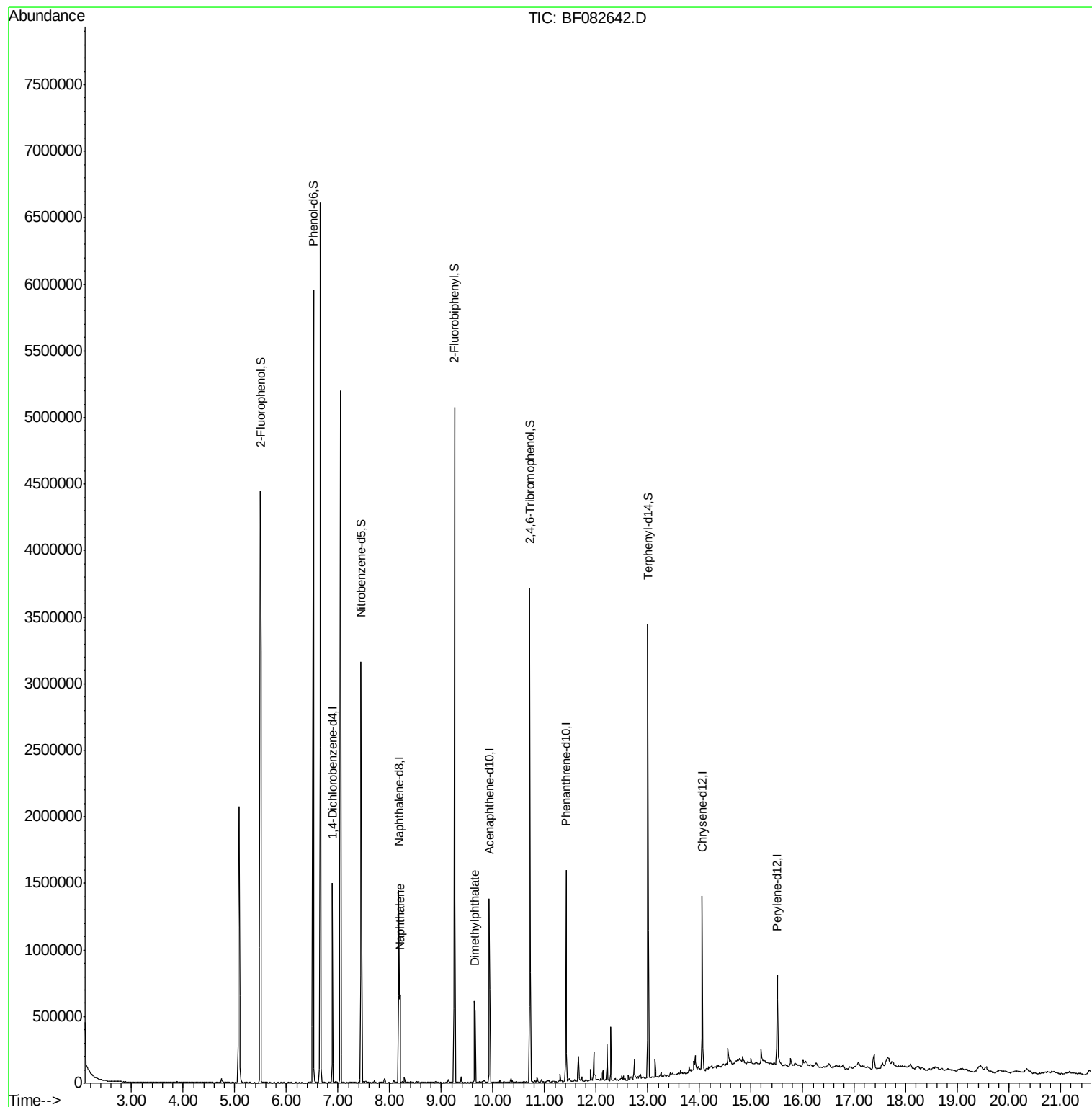
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	188986	20.00	ng	-0.02
21) Naphthalene-d8	8.18	136	680040	20.00	ng	-0.01
38) Acenaphthene-d10	9.93	164	308437	20.00	ng	-0.02
63) Phenanthrene-d10	11.41	188	516723	20.00	ng	-0.02
75) Chrysene-d12	14.05	240	427102	20.00	ng	-0.02
86) Perylene-d12	15.51	264	357040	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	1582445	126.11	ng	-0.01
7) Phenol-d6	6.52	99	2040383	122.40	ng	-0.01
23) Nitrobenzene-d5	7.45	82	1222853	73.43	ng	-0.02
41) 2,4,6-Tribromophenol	10.72	330	389438	115.37	ng	-0.02
44) 2-Fluorobiphenyl	9.25	172	1538687	70.83	ng	-0.02
78) Terphenyl-d14	13.00	244	1050786	53.84	ng	-0.02
Target Compounds						Qvalue
31) Naphthalene	8.20	128	419604	11.40	ng	97
49) Dimethylphthalate	9.65	163	350293	13.91	ng	97

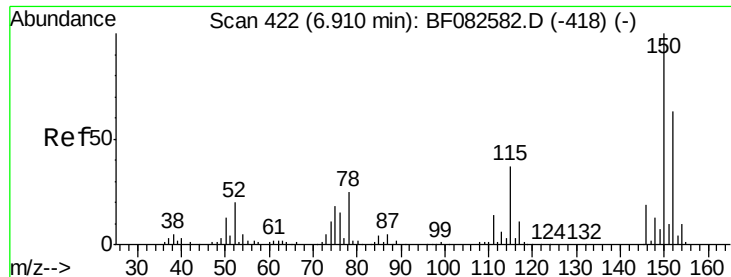
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.89 min Scan# 420

Delta R.T. -0.02 min

Lab File: BF082642.D

Acq: 2 Nov 2015 20:34

Instrument :

BNA_F

ClientSampled :

T-18L

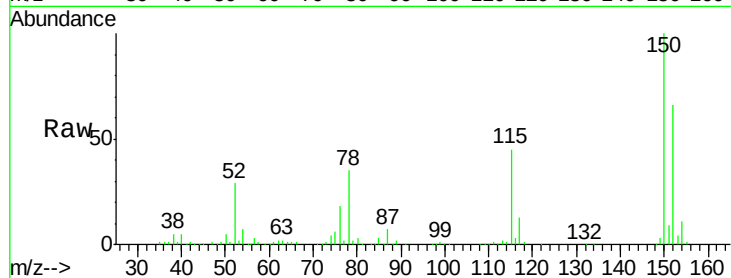
Tot Ion:152 Resp: 188986

Ion Ratio Lower Upper

152 100

150 151.9 127.0 190.4

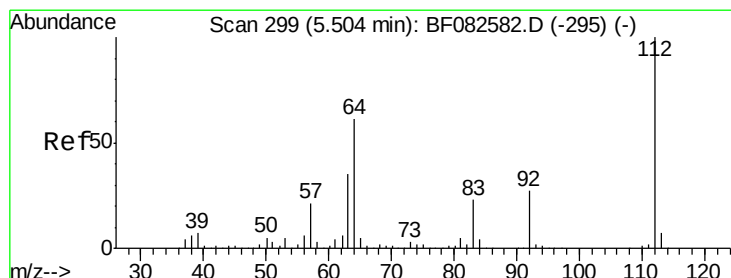
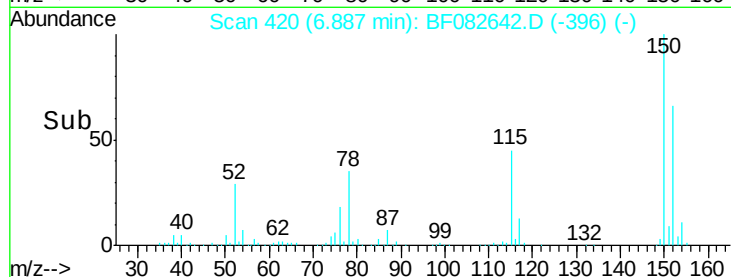
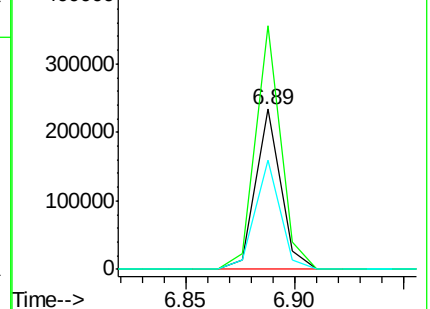
115 68.3 47.0 70.6



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: 126.11 ng

RT: 5.49 min Scan# 298

Delta R.T. -0.01 min

Lab File: BF082642.D

Acq: 2 Nov 2015 20:34

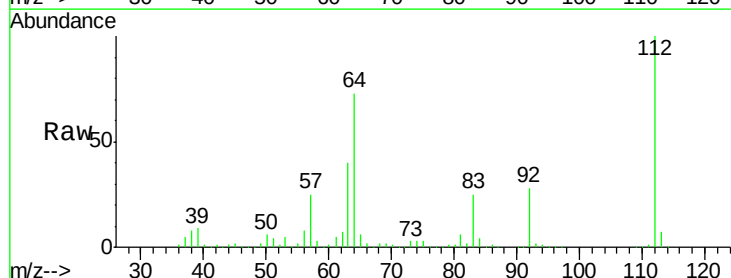
Tgt Ion:112 Resp: 1582445

Ion Ratio Lower Upper

112 100

64 72.9 48.9 73.3

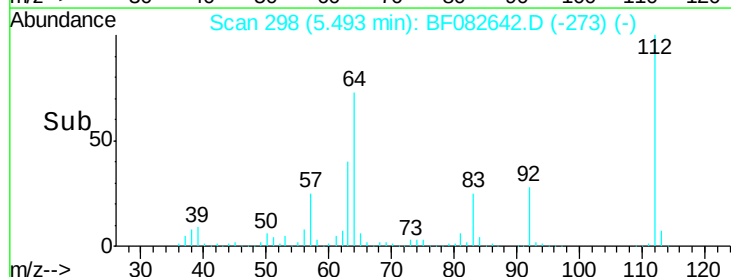
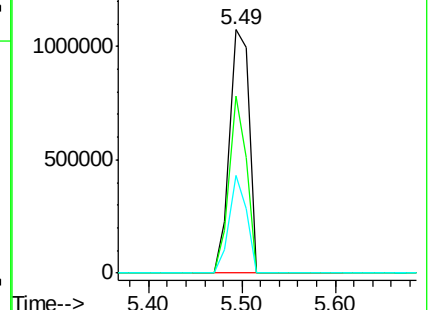
63 40.0 28.1 42.1

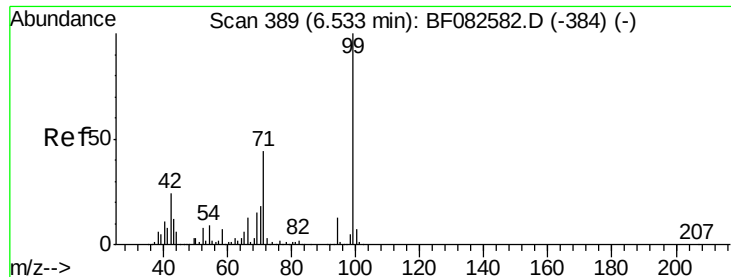


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 122.40 ng

RT: 6.52 min Scan# 388

Delta R.T. -0.01 min

Lab File: BF082642.D

Acq: 2 Nov 2015 20:34

Instrument :

BNA_F

ClientSampleId :

T-18L

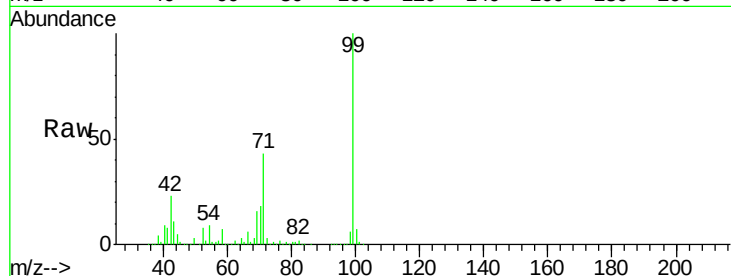
Tot Ion: 99 Resp: 2040383

Ion Ratio Lower Upper

99 100

42 22.8 19.2 28.8

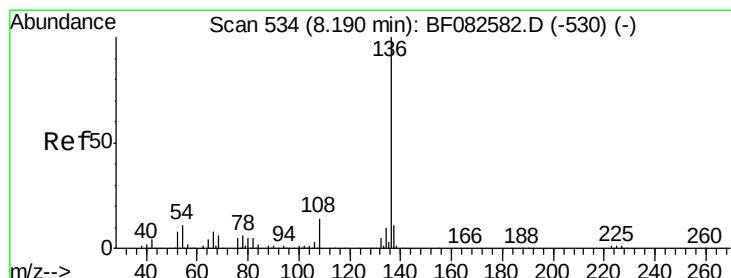
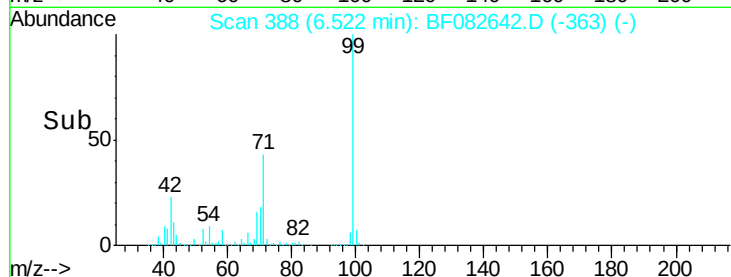
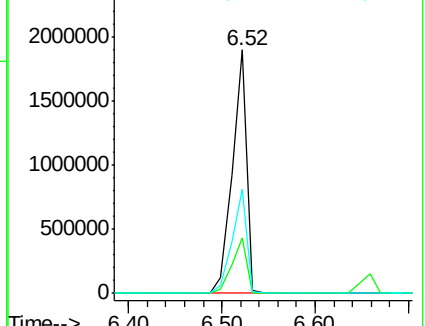
71 42.9 35.0 52.4



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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.18 min Scan# 533

Delta R.T. -0.01 min

Lab File: BF082642.D

Acq: 2 Nov 2015 20:34

Tgt Ion: 136 Resp: 680040

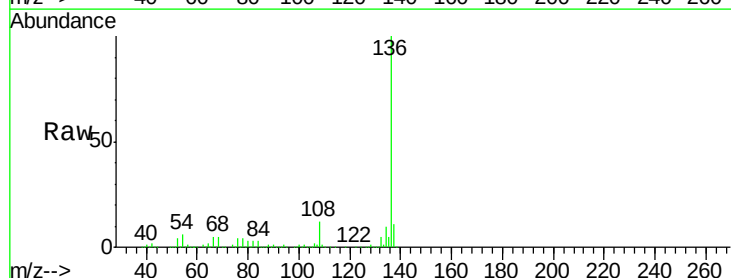
Ion Ratio Lower Upper

136 100

137 10.8 9.1 13.7

54 6.5 9.1 13.7#

68 4.5 4.8 7.2#

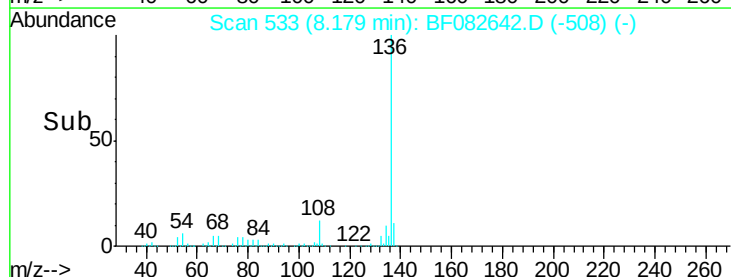
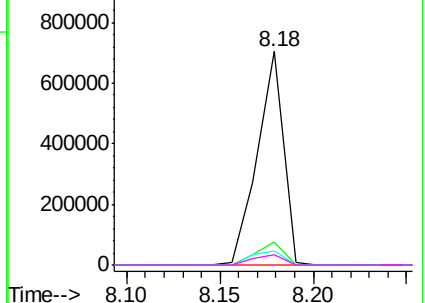


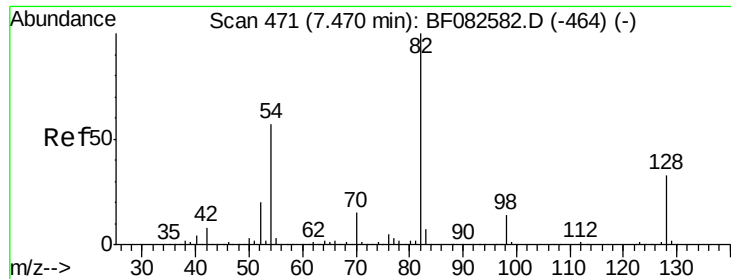
Abundance Ion 136.00 (135.70 to 136.70): E

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: 73.43 ng

RT: 7.45 min Scan# 469

Delta R.T. -0.02 min

Lab File: BF082642.D

Acq: 2 Nov 2015 20:34

Instrument :

BNA_F

ClientSampled :

T-18L

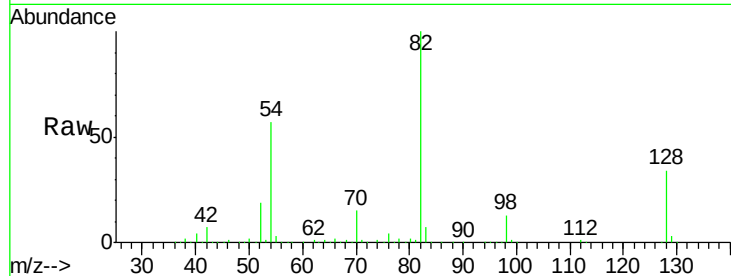
Tot Ion: 82 Resp: 1222853

Ion Ratio Lower Upper

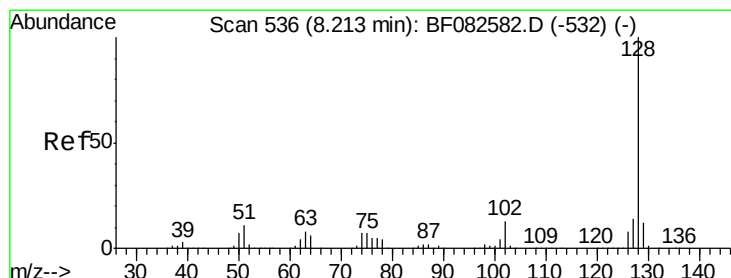
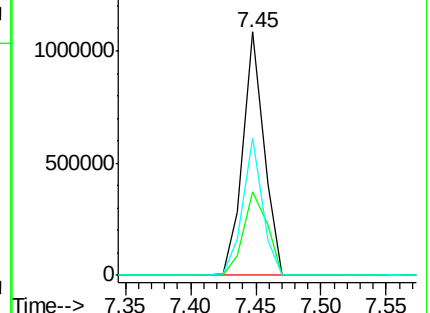
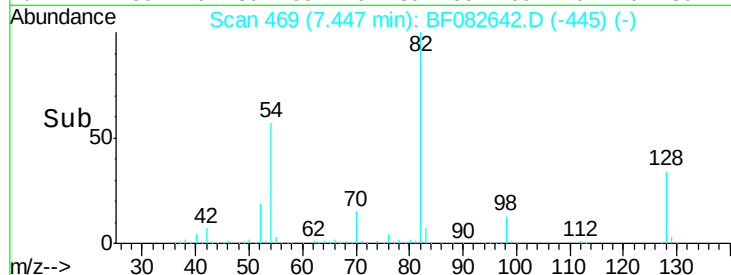
82 100

128 34.2 26.8 40.2

54 56.6 45.7 68.5



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



#31

Naphthalene

Concen: 11.40 ng

RT: 8.20 min Scan# 535

Delta R.T. -0.01 min

Lab File: BF082642.D

Acq: 2 Nov 2015 20:34

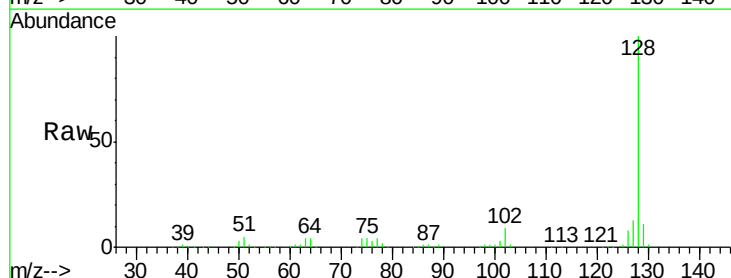
Tgt Ion: 128 Resp: 419604

Ion Ratio Lower Upper

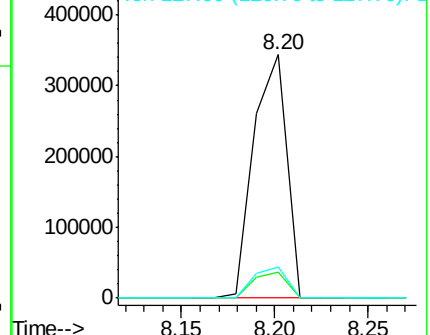
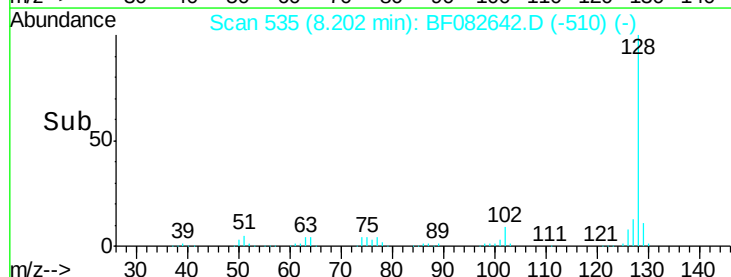
128 100

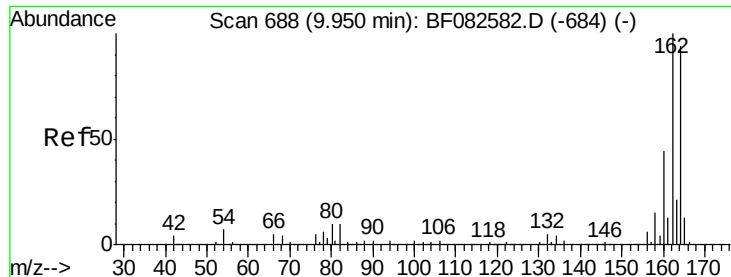
129 10.5 9.5 14.3

127 13.0 11.4 17.0



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

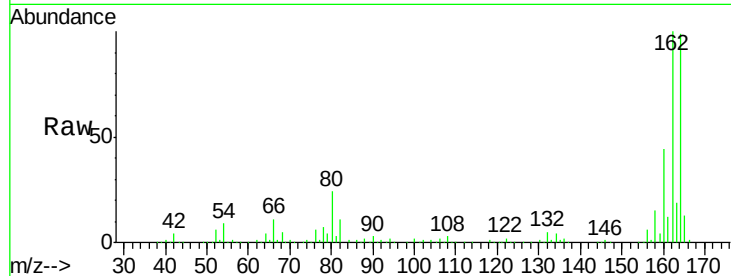




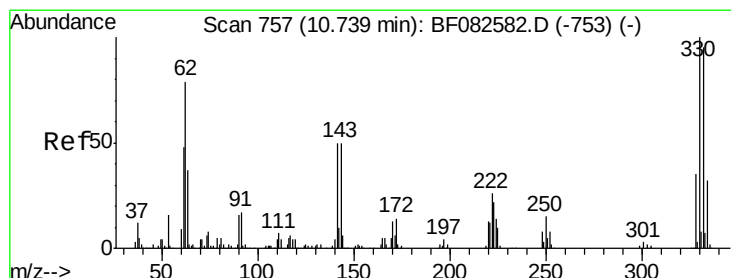
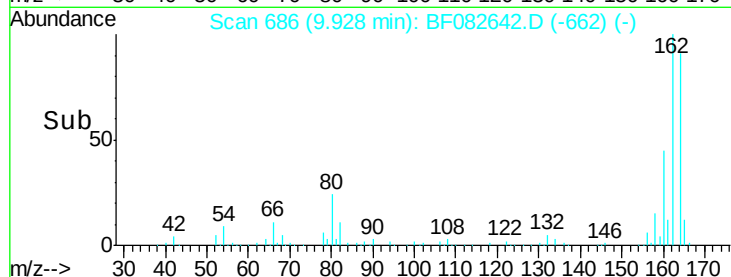
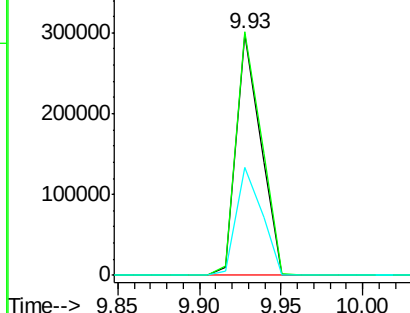
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.93 min Scan# 686
Delta R.T. -0.02 min
Lab File: BF082642.D
Acq: 2 Nov 2015 20:34

Instrument :
BNA_F
ClientSampleId :
T-18L

Tot Ion:164 Resp: 308437
Ion Ratio Lower Upper
164 100
162 101.0 84.9 127.3
160 44.9 37.5 56.3

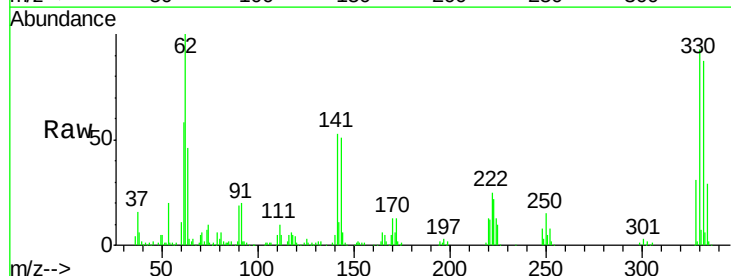


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

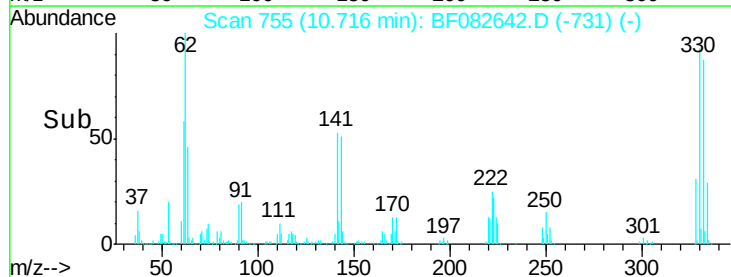
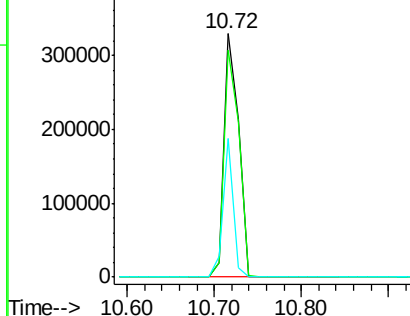


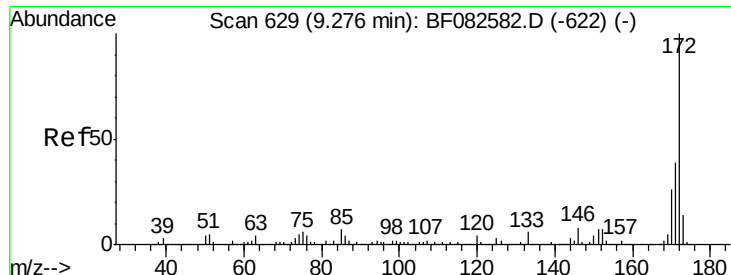
#41
2,4,6-Tribromophenol
Concen: 115.37 ng
RT: 10.72 min Scan# 755
Delta R.T. -0.02 min
Lab File: BF082642.D
Acq: 2 Nov 2015 20:34

Tgt Ion:330 Resp: 389438
Ion Ratio Lower Upper
330 100
332 95.2 76.6 114.8
141 40.7 41.2 61.8#



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



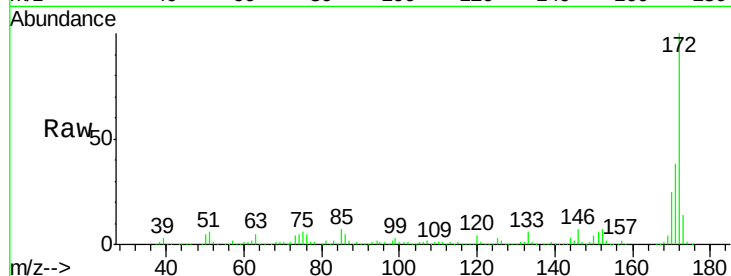


#44
 2-Fluorobiphenyl
 Concen: 70.83 ng
 RT: 9.25 min Scan# 627
 Delta R.T. -0.02 min
 Lab File: BF082642.D
 Acq: 2 Nov 2015 20:34

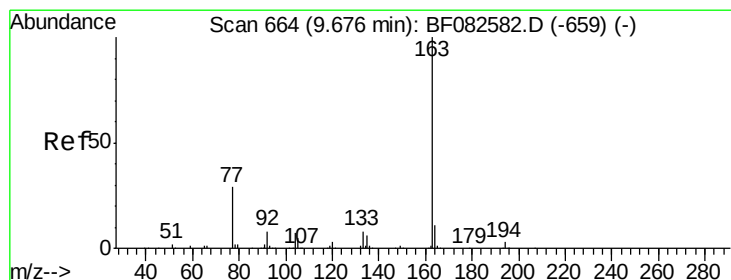
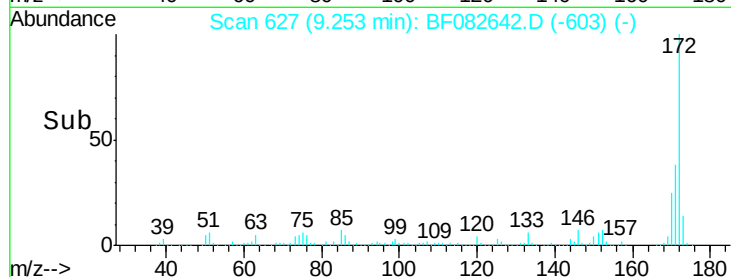
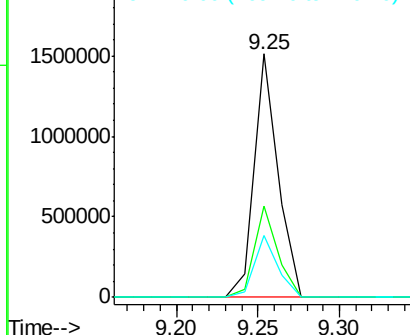
Instrument :
 BNA_F
 ClientSampleId :
 T-18L

Tot Ion:172 Resp: 1538687

Ion	Ratio	Lower	Upper
172	100		
171	37.6	30.8	46.2
170	25.5	21.2	31.8



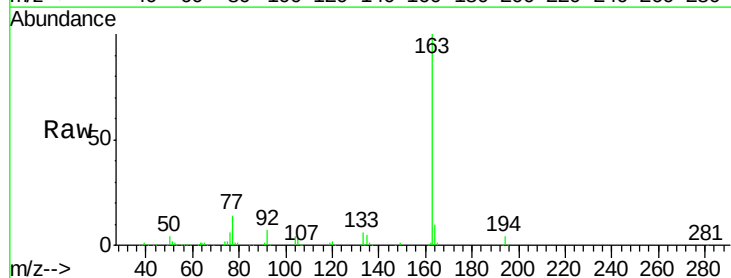
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



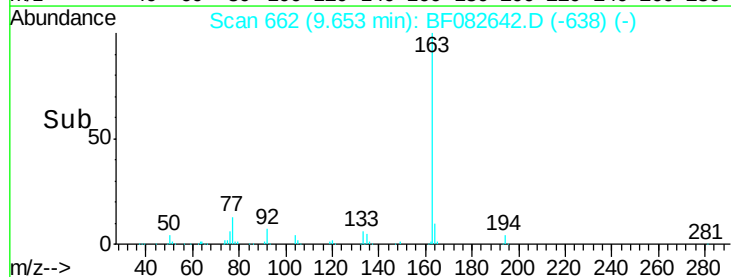
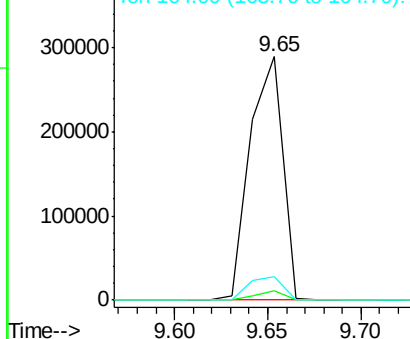
#49
 Dimethylphthalate
 Concen: 13.91 ng
 RT: 9.65 min Scan# 662
 Delta R.T. -0.02 min
 Lab File: BF082642.D
 Acq: 2 Nov 2015 20:34

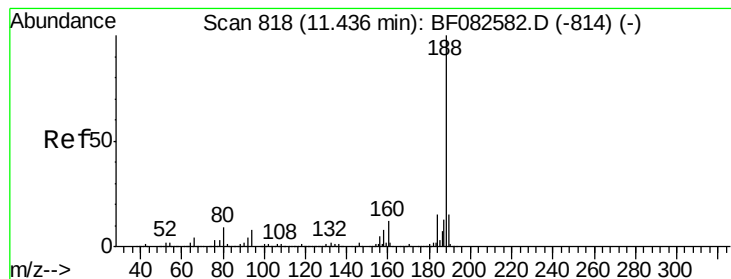
Tgt Ion:163 Resp: 350293

Ion	Ratio	Lower	Upper
163	100		
194	3.8	2.6	4.0
164	9.5	8.7	13.1



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: 20.00 ng

RT: 11.41 min Scan# 816

Delta R.T. -0.02 min

Lab File: BF082642.D

Acq: 2 Nov 2015 20:34

Instrument :

BNA_F

ClientSampleId :

T-18L

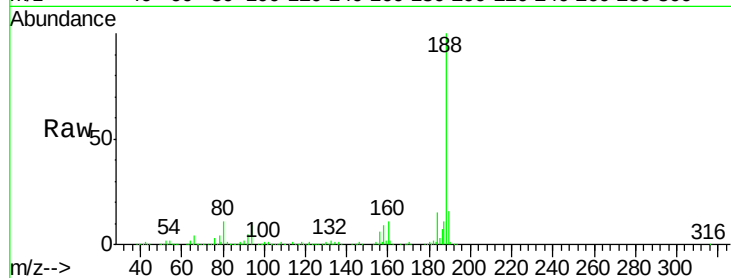
Tot Ion:188 Resp: 516723

Ion Ratio Lower Upper

188 100

94 8.9 6.1 9.1

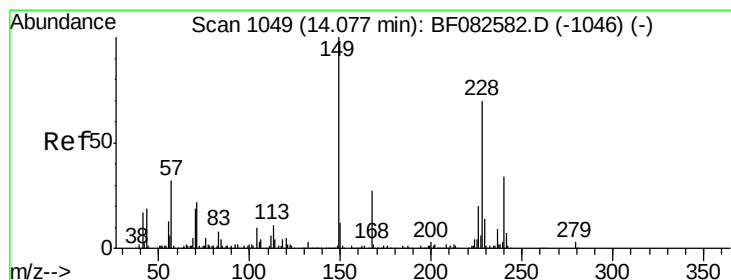
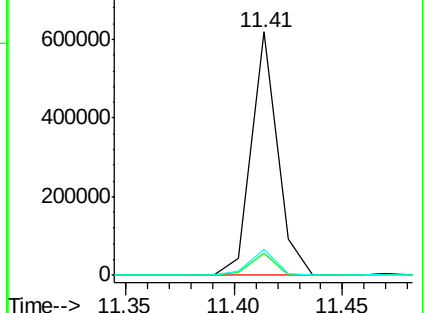
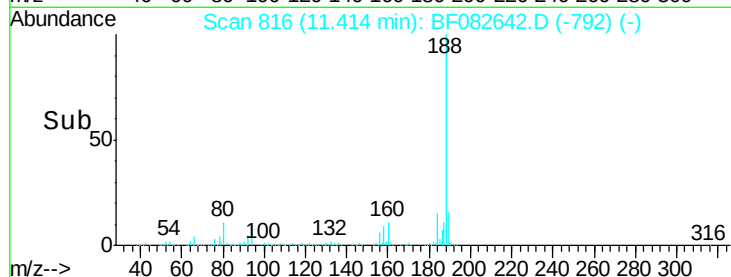
80 10.5 7.0 10.6



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: 20.00 ng

RT: 14.05 min Scan# 1047

Delta R.T. -0.02 min

Lab File: BF082642.D

Acq: 2 Nov 2015 20:34

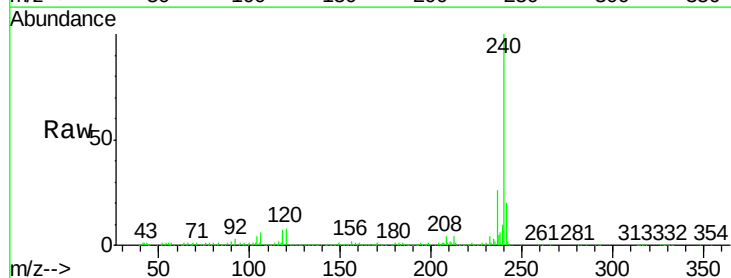
Tgt Ion:240 Resp: 427102

Ion Ratio Lower Upper

240 100

120 7.9 10.9 16.3#

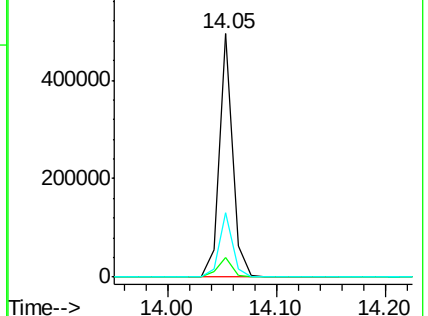
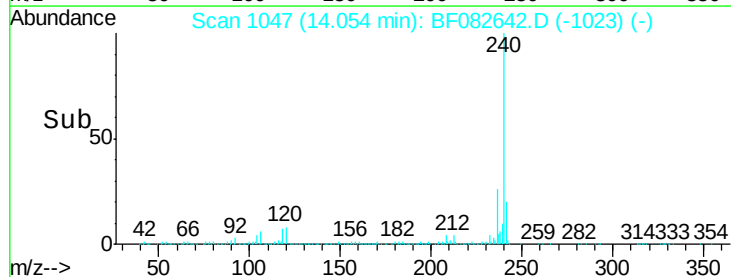
236 26.4 21.6 32.4

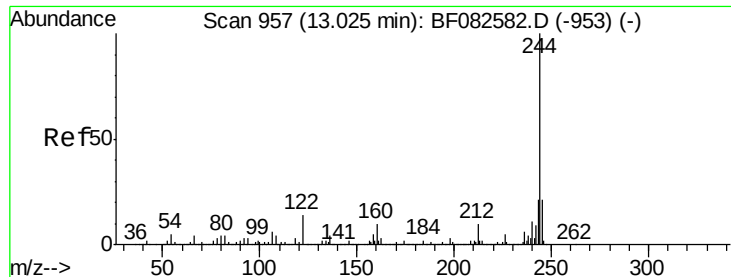


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 53.84 ng

RT: 13.00 min Scan# 955

Delta R.T. -0.02 min

Lab File: BF082642.D

Acq: 2 Nov 2015 20:34

Instrument :

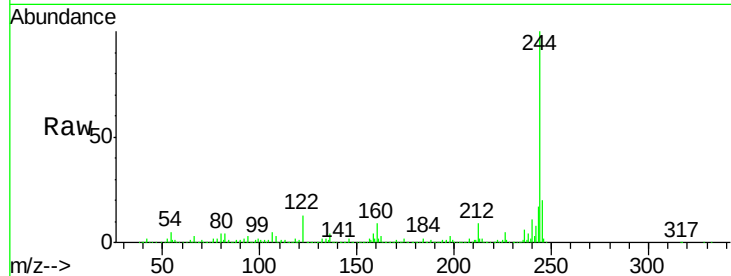
BNA_F

ClientSampleId :

T-18L

Tot Ion:244 Resp: 1050786

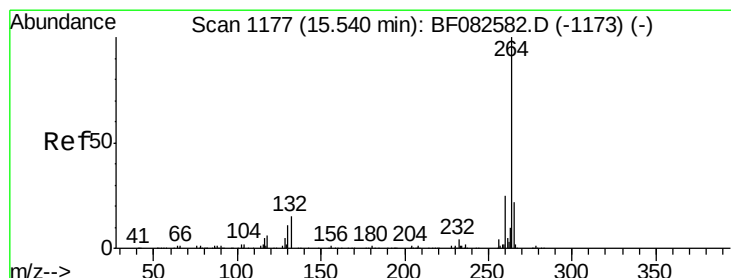
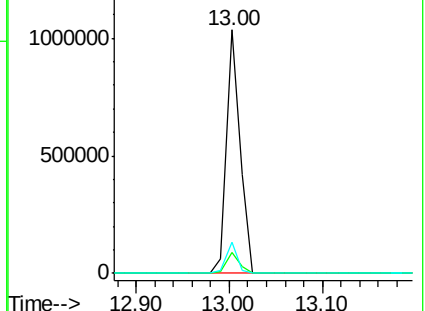
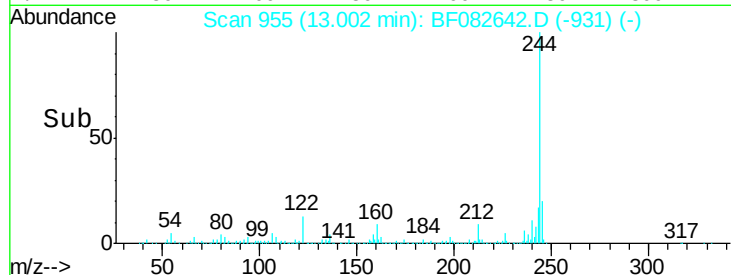
Ion	Ratio	Lower	Upper
244	100		
212	8.8	7.6	11.4
122	12.9	11.3	16.9



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.51 min Scan# 1174

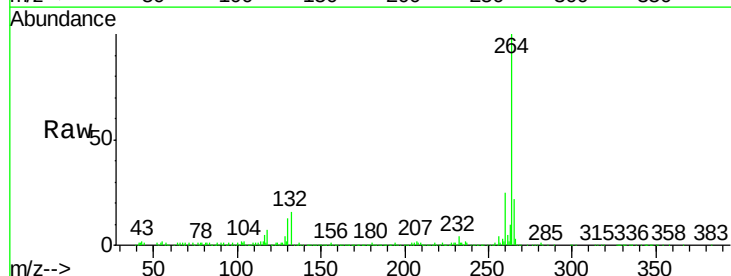
Delta R.T. -0.03 min

Lab File: BF082642.D

Acq: 2 Nov 2015 20:34

Tgt Ion:264 Resp: 357040

Ion	Ratio	Lower	Upper
264	100		
260	25.0	19.8	29.6
265	22.4	17.4	26.0



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

