

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070116\
 Data File : BF088607.D
 Acq On : 2 Jul 2016 7:26
 Operator : UM/SJ
 Sample : H3831-14
 Misc :
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-22-COMP

Quant Time: Jul 04 07:31:05 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 30 18:01:55 2016
 Response via : Initial Calibration

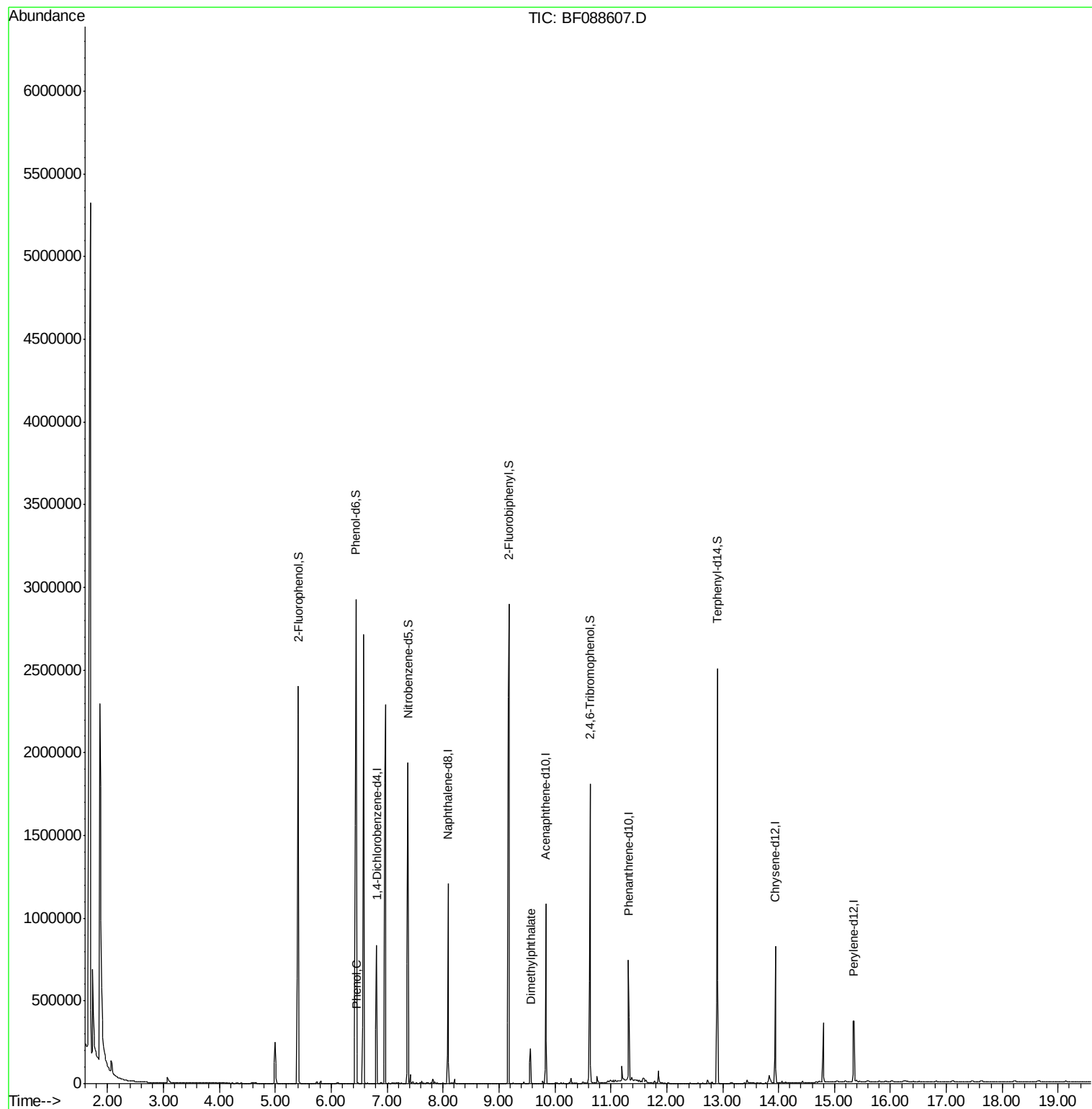
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	134569	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	485589	20.00	ng	-0.01
38) Acenaphthene-d10	9.84	164	201584	20.00	ng	-0.01
63) Phenanthrene-d10	11.31	188	304681	20.00	ng	-0.01
75) Chrysene-d12	13.94	240	253051	20.00	ng	-0.01
86) Perylene-d12	15.35	264	204989	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	1060605	118.12	ng	0.01
7) Phenol-d6	6.44	99	1185538	102.18	ng	0.00
23) Nitrobenzene-d5	7.37	82	740442	79.91	ng	-0.01
41) 2,4,6-Tribromophenol	10.63	330	194426	103.86	ng	-0.01
44) 2-Fluorobiphenyl	9.18	172	1304844	102.25	ng	0.00
78) Terphenyl-d14	12.90	244	790760	69.60	ng	-0.01
Target Compounds						
10) Phenol	6.46	94	29279	2.21	ng	98
49) Dimethylphthalate	9.56	163	110497	7.69	ng	98

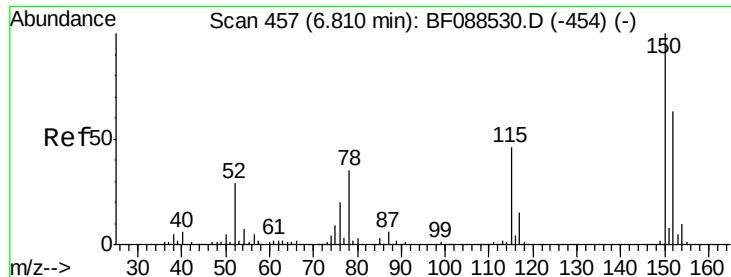
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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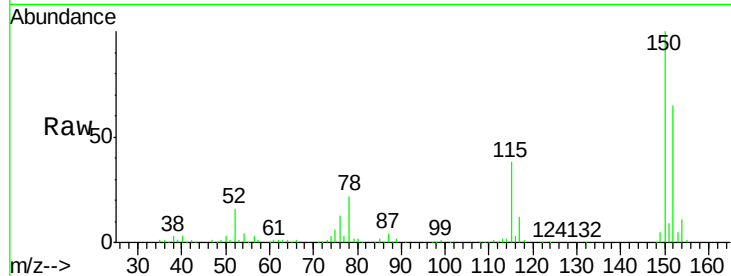


#1

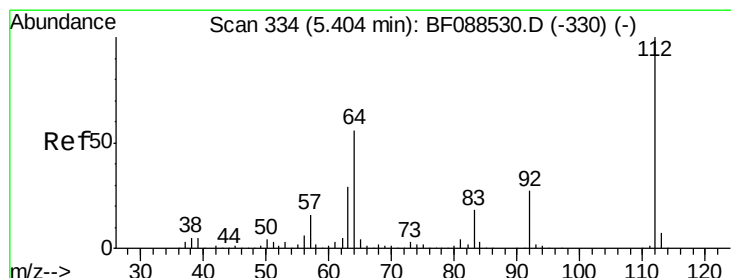
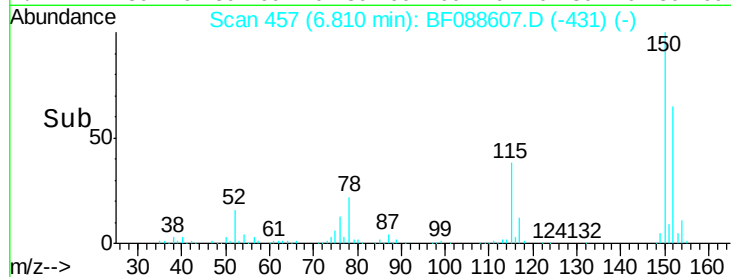
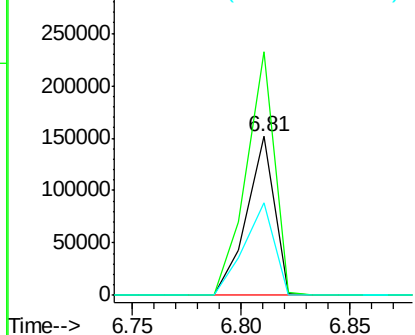
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.81 min Scan# 457
Delta R.T. -0.00 min
Lab File: BF088607.D
Acq: 2 Jul 2016 7:26

Instrument :
BNA_F
ClientSampleId :
SB-22-COMP

Tgt Ion:152 Resp: 134569
Ion Ratio Lower Upper
152 100
150 153.4 123.8 185.6
115 58.0 39.6 59.4



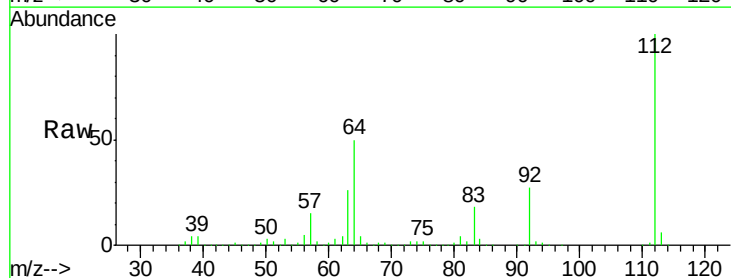
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



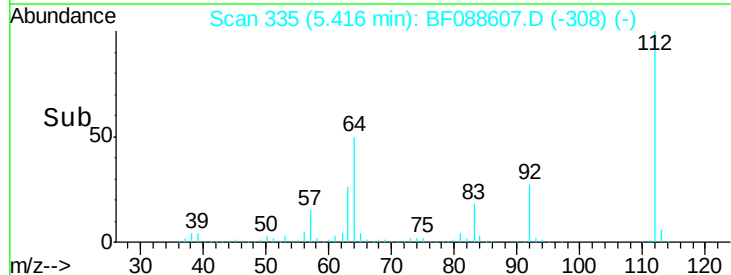
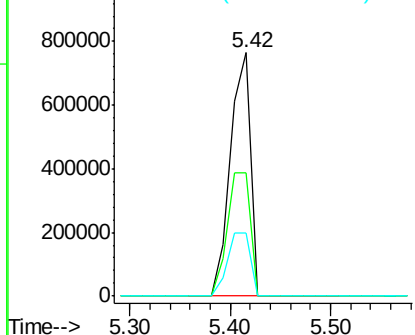
#5

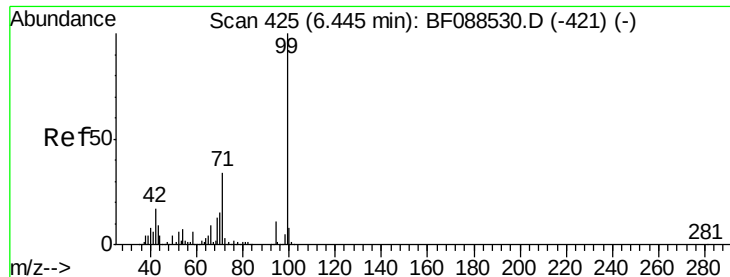
2-Fluorophenol
Concen: 118.12 ng
RT: 5.42 min Scan# 335
Delta R.T. 0.01 min
Lab File: BF088607.D
Acq: 2 Jul 2016 7:26

Tgt Ion:112 Resp: 1060605
Ion Ratio Lower Upper
112 100
64 50.4 42.2 63.2
63 25.9 21.8 32.8



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: 102.18 ng

RT: 6.44 min Scan# 425

Delta R.T. -0.00 min

Lab File: BF088607.D

Acq: 2 Jul 2016 7:26

Instrument :

BNA_F

ClientSampleId :

SB-22-COMP

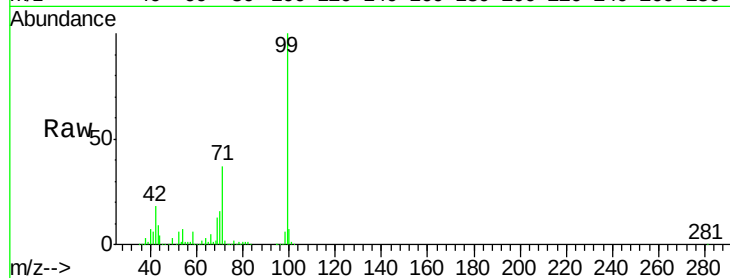
Tgt Ion: 99 Resp: 1185538

Ion Ratio Lower Upper

99 100

42 18.0 12.2 18.2

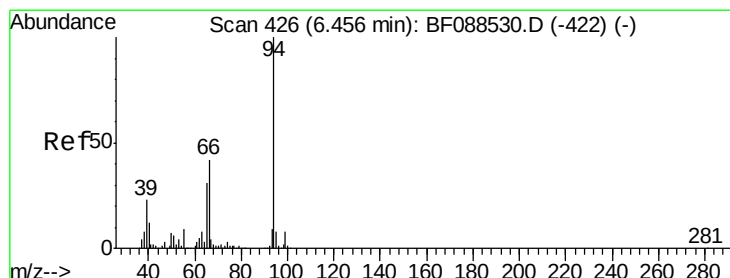
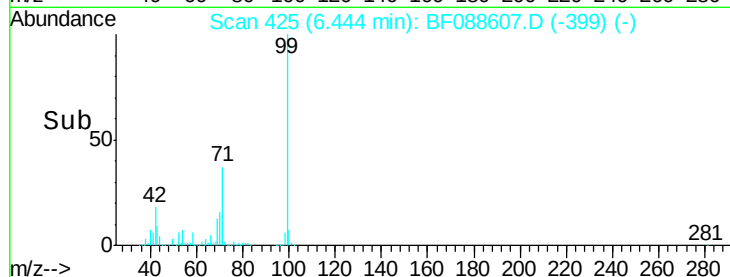
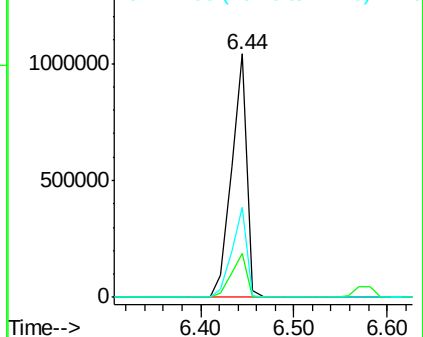
71 36.8 23.4 35.0#



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: 2.21 ng

RT: 6.46 min Scan# 426

Delta R.T. -0.00 min

Lab File: BF088607.D

Acq: 2 Jul 2016 7:26

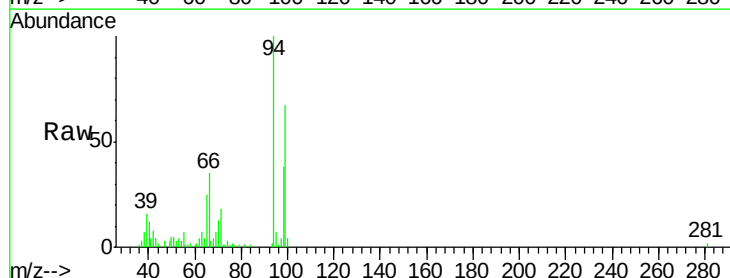
Tgt Ion: 94 Resp: 29279

Ion Ratio Lower Upper

94 100

65 24.7 5.9 45.9

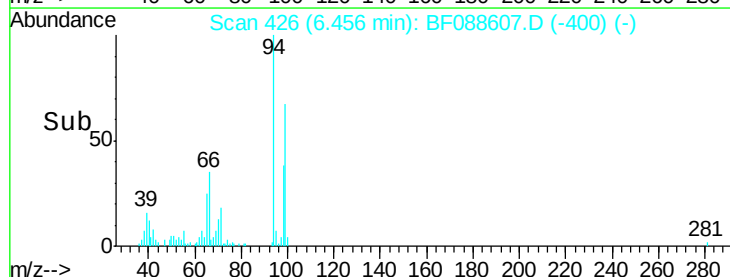
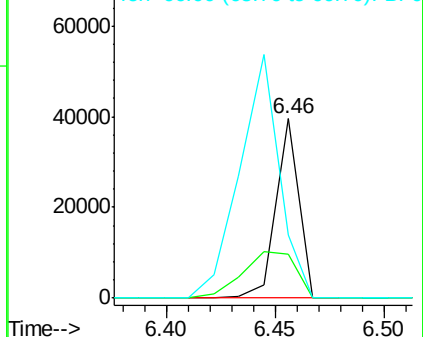
66 35.1 14.0 54.0

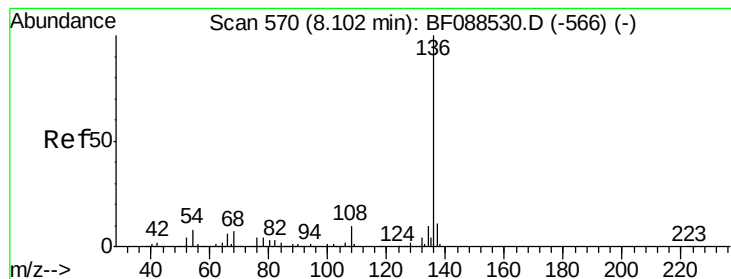


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.09 min Scan# 569

Delta R.T. -0.01 min

Lab File: BF088607.D

Acq: 2 Jul 2016 7:26

Instrument :

BNA_F

ClientSampleId :

SB-22-COMP

Tgt Ion:136 Resp: 485589

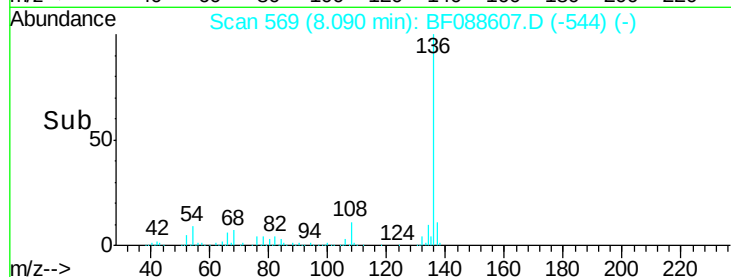
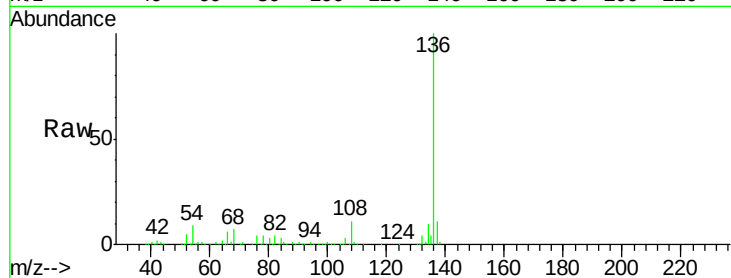
Ion Ratio Lower Upper

136 100

137 11.4 9.1 13.7

54 8.8 6.6 10.0

68 7.4 5.1 7.7

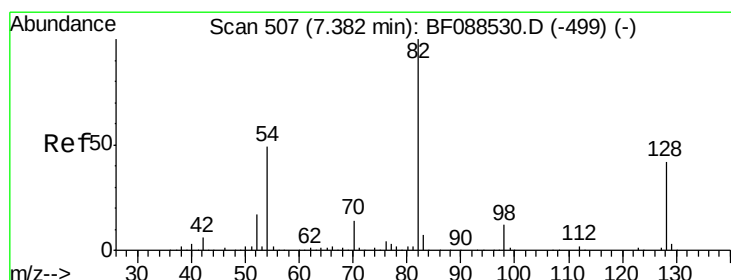
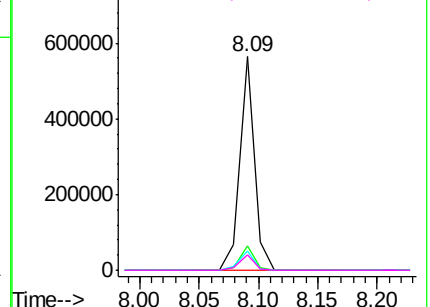


Abundance Ion 136.00 (135.70 to 136.70): E

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: 79.91 ng

RT: 7.37 min Scan# 506

Delta R.T. -0.01 min

Lab File: BF088607.D

Acq: 2 Jul 2016 7:26

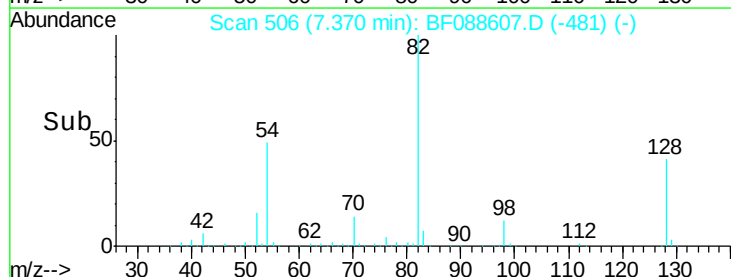
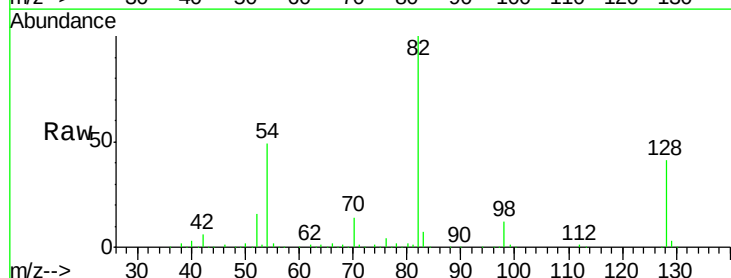
Tgt Ion: 82 Resp: 740442

Ion Ratio Lower Upper

82 100

128 40.7 35.9 53.9

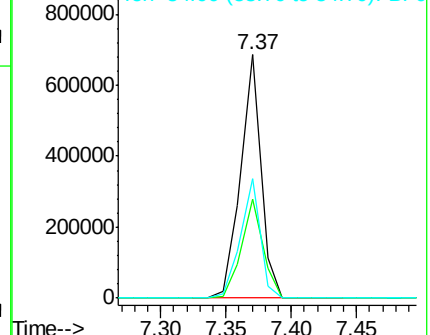
54 48.9 40.9 61.3

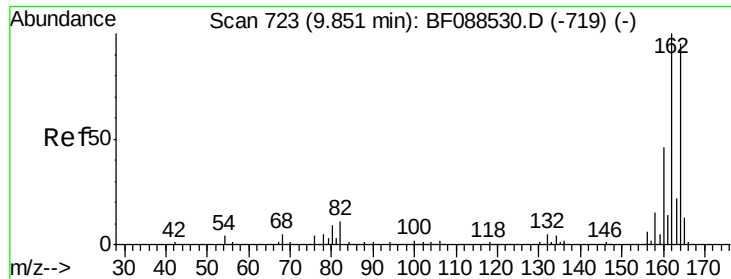


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

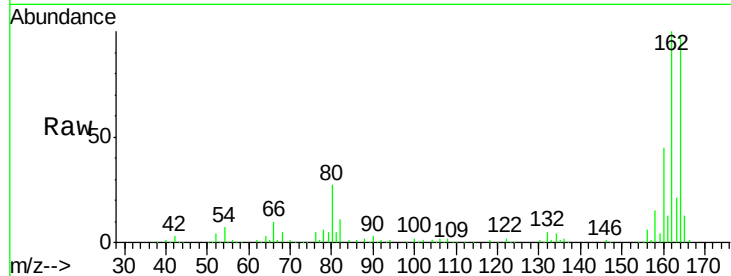




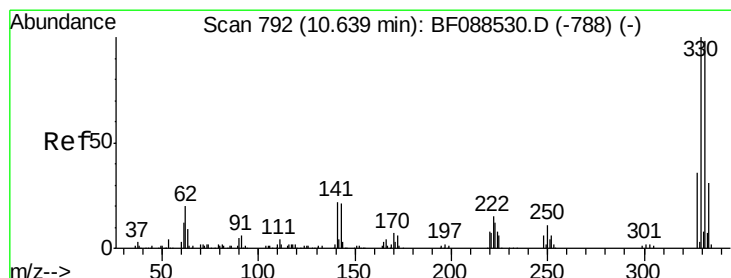
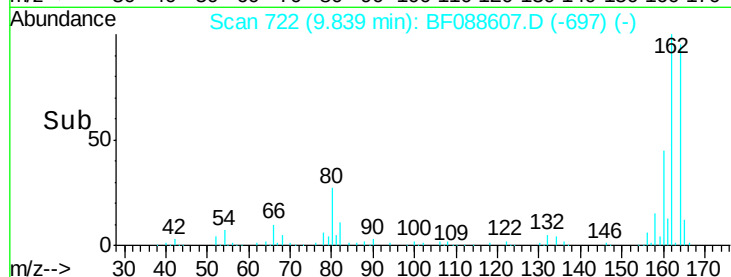
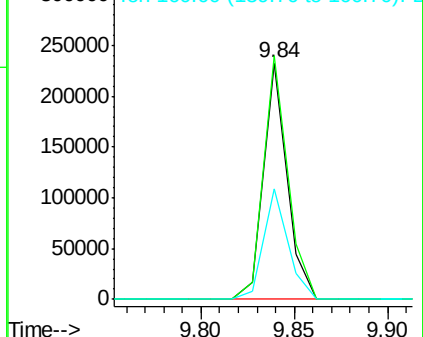
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.84 min Scan# 722
 Delta R.T. -0.01 min
 Lab File: BF088607.D
 Acq: 2 Jul 2016 7:26

Instrument :
 BNA_F
 ClientSampleId :
 SB-22-COMP

Tgt Ion:164 Resp: 201584
 Ion Ratio Lower Upper
 164 100
 162 103.1 85.4 128.2
 160 46.8 39.5 59.3

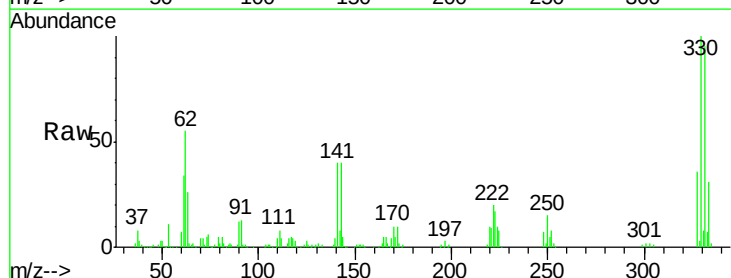


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

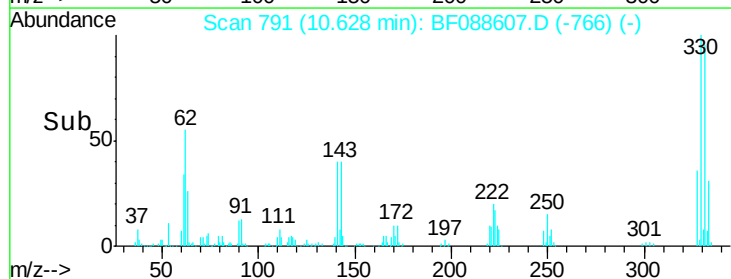
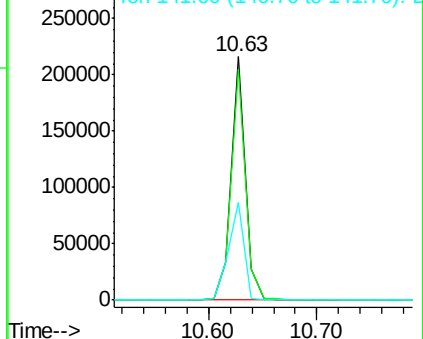


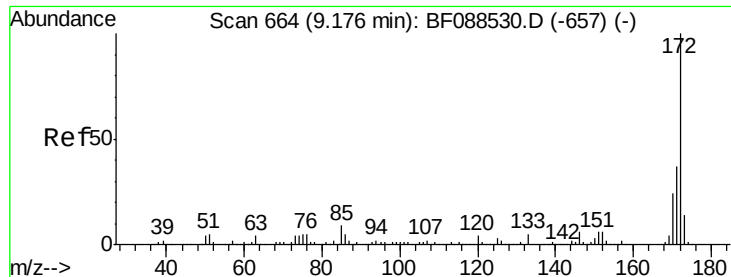
#41
 2,4,6-Tribromophenol
 Concen: 103.86 ng
 RT: 10.63 min Scan# 791
 Delta R.T. -0.01 min
 Lab File: BF088607.D
 Acq: 2 Jul 2016 7:26

Tgt Ion:330 Resp: 194426
 Ion Ratio Lower Upper
 330 100
 332 96.1 0.0 0.0#
 141 44.3 0.0 0.0#



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

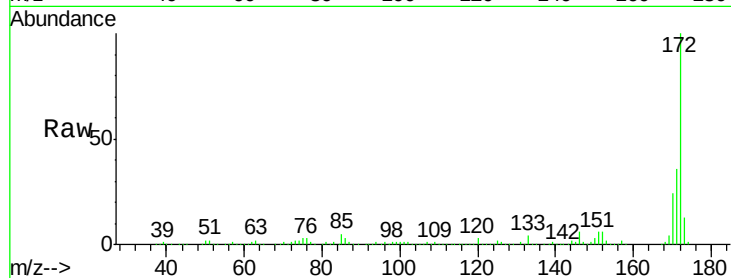




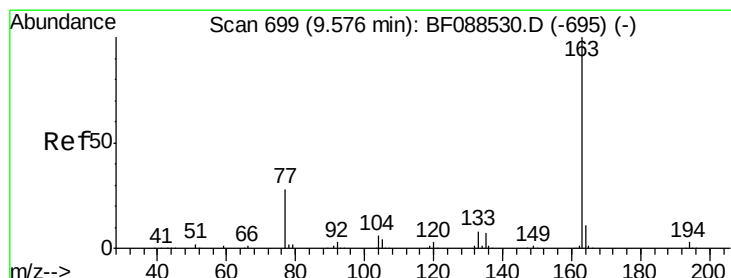
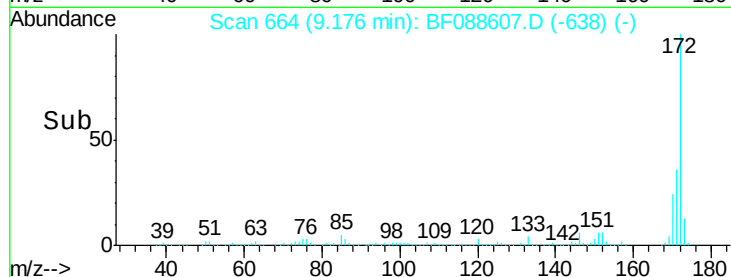
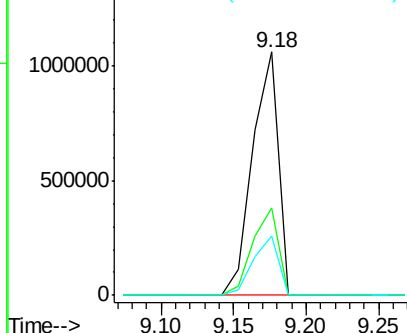
#44
 2-Fluorobiphenyl
 Concen: 102.25 ng
 RT: 9.18 min Scan# 664
 Delta R.T. -0.00 min
 Lab File: BF088607.D
 Acq: 2 Jul 2016 7:26

Instrument :
 BNA_F
 ClientSampleId :
 SB-22-COMP

Tgt Ion:172 Resp: 1304844
 Ion Ratio Lower Upper
 172 100
 171 36.0 28.6 43.0
 170 24.2 19.2 28.8

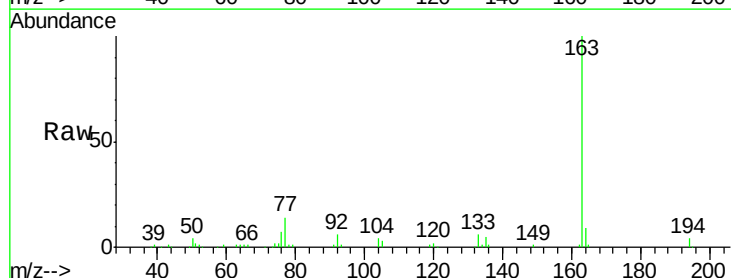


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

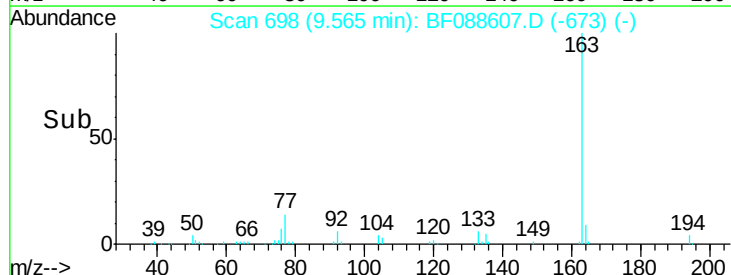
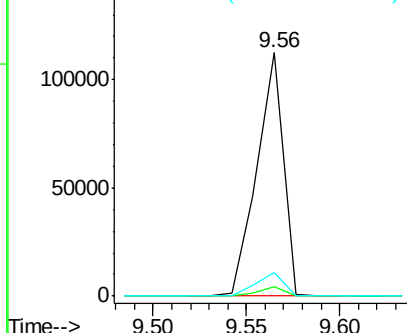


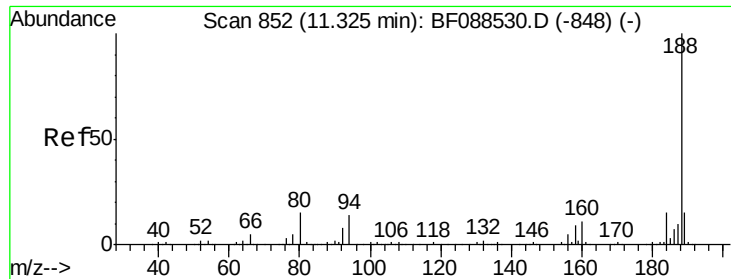
#49
 Dimethylphthalate
 Concen: 7.69 ng
 RT: 9.56 min Scan# 698
 Delta R.T. -0.01 min
 Lab File: BF088607.D
 Acq: 2 Jul 2016 7:26

Tgt Ion:163 Resp: 110497
 Ion Ratio Lower Upper
 163 100
 194 3.9 2.8 4.2
 164 9.4 8.3 12.5



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

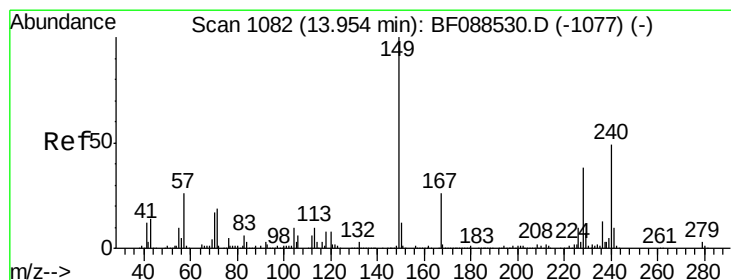
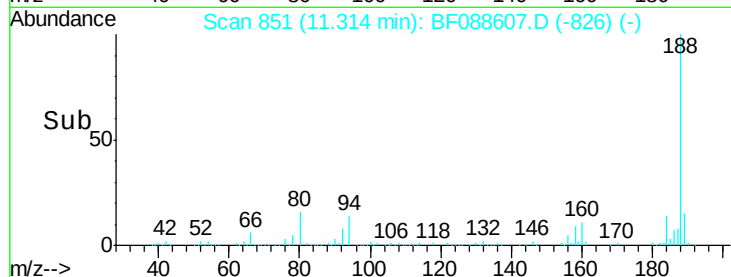
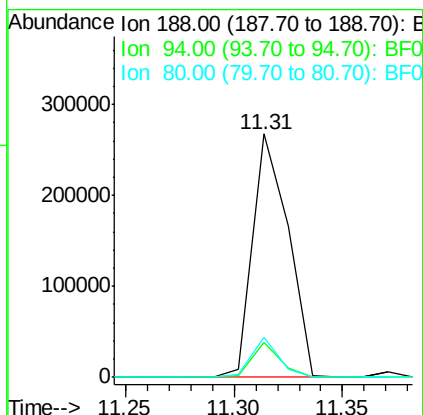
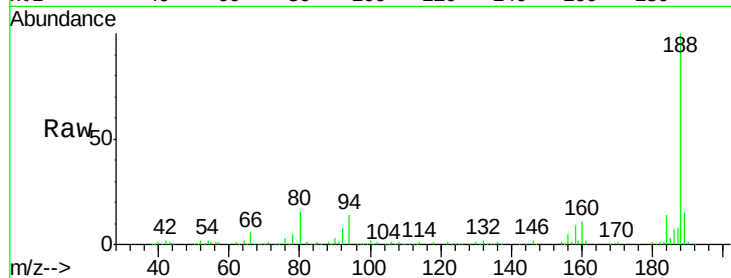




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.31 min Scan# 851
Delta R.T. -0.01 min
Lab File: BF088607.D
Acq: 2 Jul 2016 7:26

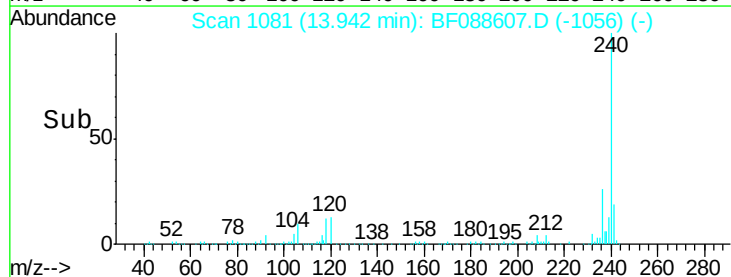
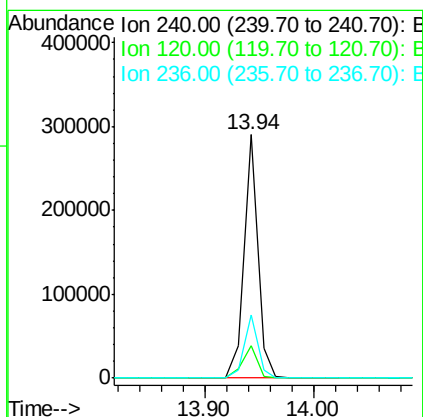
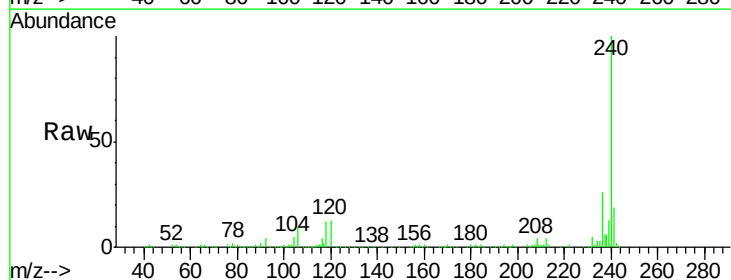
Instrument :
BNA_F
ClientSampleId :
SB-22-COMP

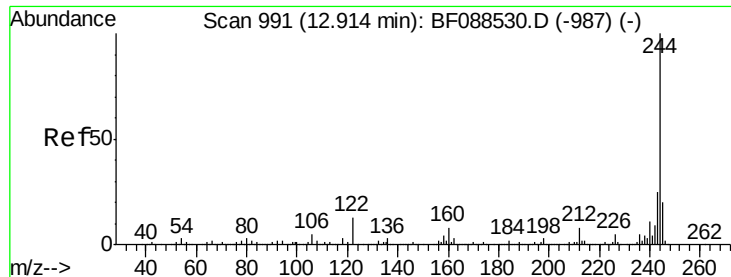
Tgt Ion:188 Resp: 304681
Ion Ratio Lower Upper
188 100
94 14.5 9.0 13.6#
80 16.4 10.0 15.0#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.94 min Scan# 1081
Delta R.T. -0.01 min
Lab File: BF088607.D
Acq: 2 Jul 2016 7:26

Tgt Ion:240 Resp: 253051
Ion Ratio Lower Upper
240 100
120 13.4 6.8 10.2#
236 26.1 20.2 30.2





#78

Terphenyl-d14

Concen: 69.60 ng

RT: 12.90 min Scan# 990

Delta R.T. -0.01 min

Lab File: BF088607.D

Acq: 2 Jul 2016 7:26

Instrument :

BNA_F

ClientSampleId :

SB-22-COMP

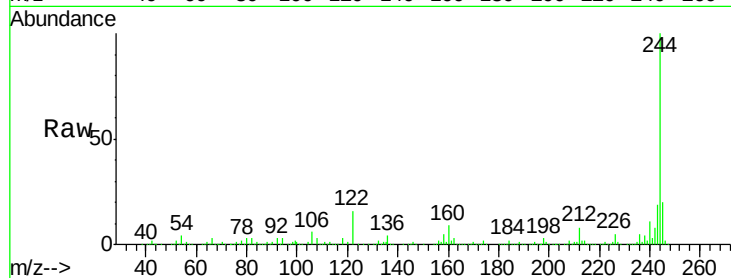
Tgt Ion:244 Resp: 790760

Ion Ratio Lower Upper

244 100

212 7.9 6.0 9.0

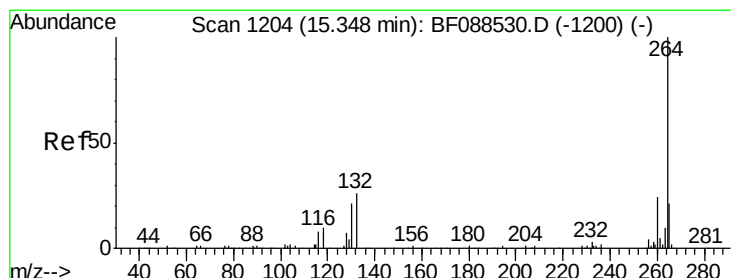
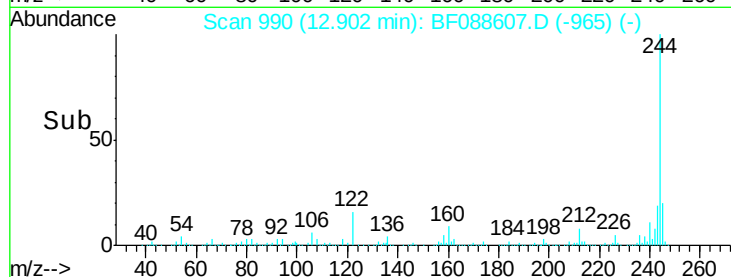
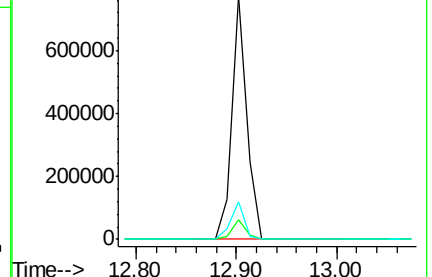
122 15.7 11.2 16.8



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: 15.35 min Scan# 1204

Delta R.T. -0.00 min

Lab File: BF088607.D

Acq: 2 Jul 2016 7:26

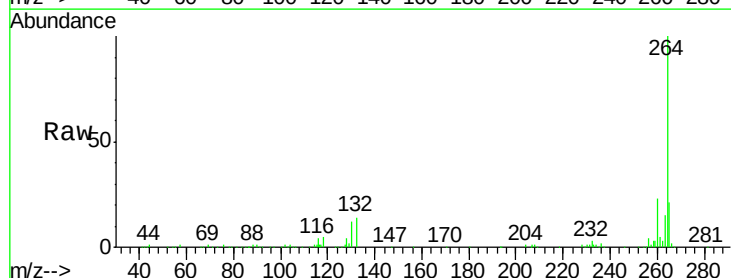
Tgt Ion:264 Resp: 204989

Ion Ratio Lower Upper

264 100

260 23.3 19.2 28.8

265 20.8 16.9 25.3



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

