

Data Path : Z:\HPCHEM1\BNA F\DATA\BF013016\
 Data File : BF084674.D
 Acq On : 30 Jan 2016 9:46
 Operator : SJ/IZ
 Sample : H1303-09
 Misc :
 ALS Vial : 61 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DUPLICATE

Quant Time: Feb 01 01:10:41 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF012916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 29 12:54:53 2016
 Response via : Initial Calibration

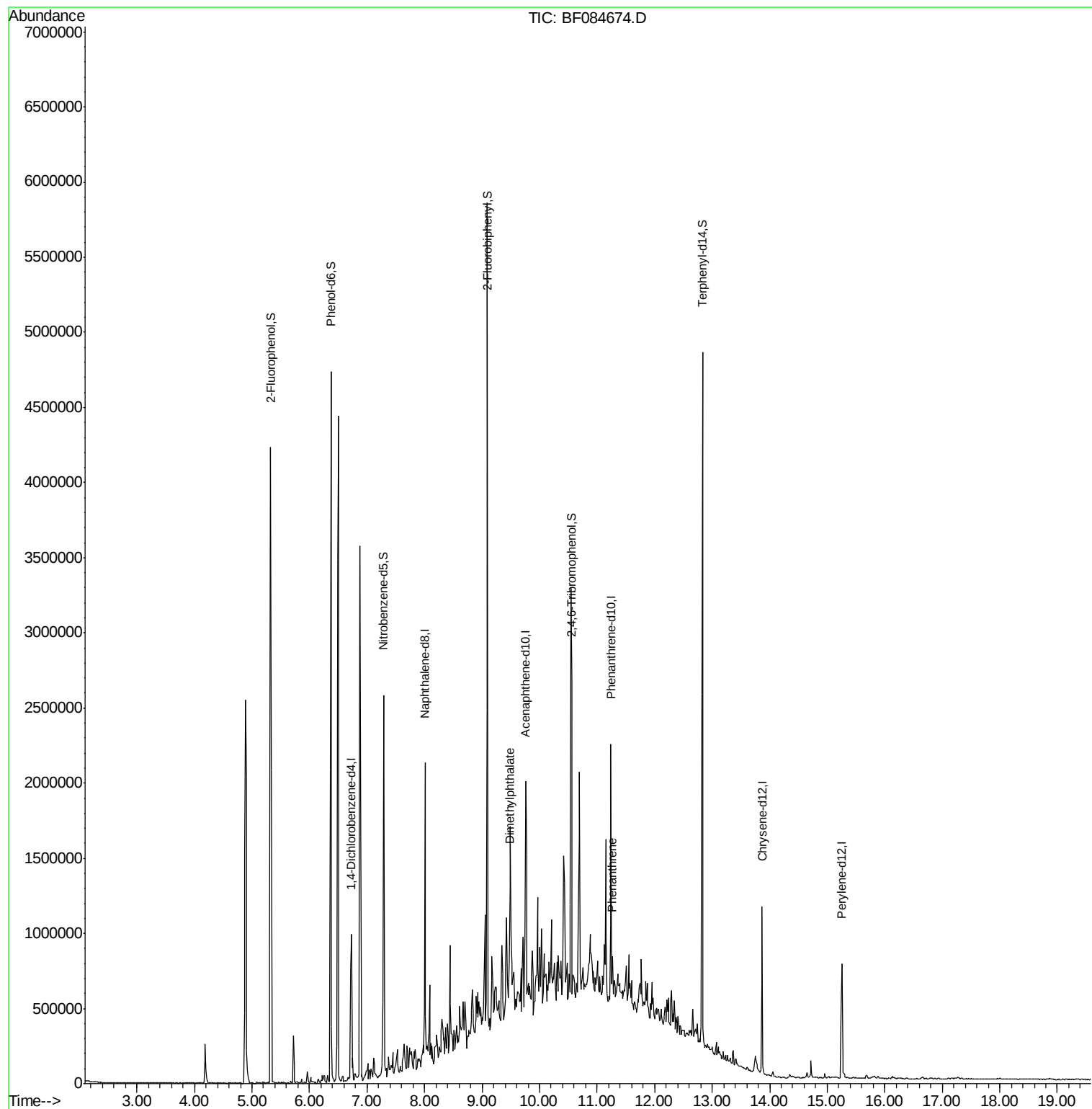
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	190487	20.00	ng	0.00
21) Naphthalene-d8	8.01	136	761502	20.00	ng	-0.01
38) Acenaphthene-d10	9.76	164	340963	20.00	ng	-0.01
63) Phenanthrene-d10	11.24	188	641506	20.00	ng	0.00
75) Chrysene-d12	13.87	240	453720	20.00	ng	0.00
86) Perylene-d12	15.25	264	363933	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	1435085	113.72	ng	0.01
7) Phenol-d6	6.37	99	1680993	111.14	ng	0.00
23) Nitrobenzene-d5	7.29	82	1183665	86.87	ng	-0.01
41) 2,4,6-Tribromophenol	10.56	330	499913	139.89	ng	0.00
44) 2-Fluorobiphenyl	9.09	172	1764573	76.92	ng	0.00
78) Terphenyl-d14	12.83	244	1613973	80.34	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.48	163	291759	11.40	ng	# 90
70) Phenanthrene	11.26	178	77669	2.19	ng	# 94

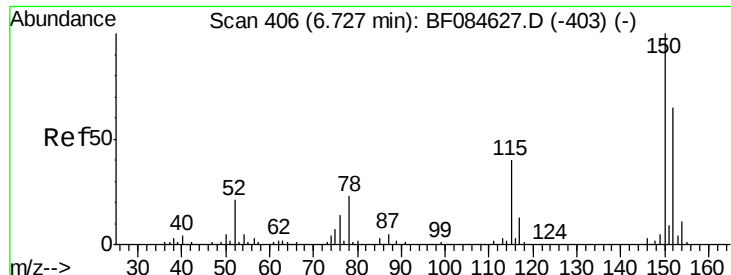
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.73 min Scan# 406

Delta R.T. -0.00 min

Lab File: BF084674.D

Acq: 30 Jan 2016 9:46

Instrument :

BNA_F

ClientSampleId :

DUPLICATE

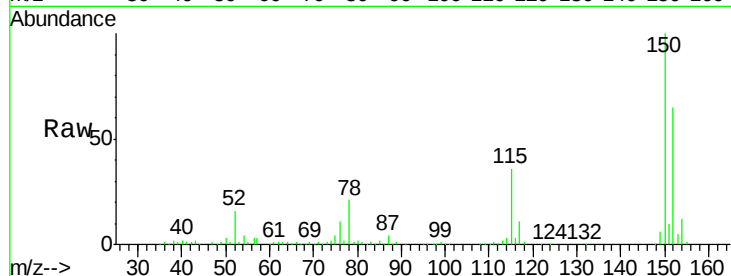
Tot Ion:152 Resp: 190487

Ion Ratio Lower Upper

152 100

150 154.3 123.0 184.4

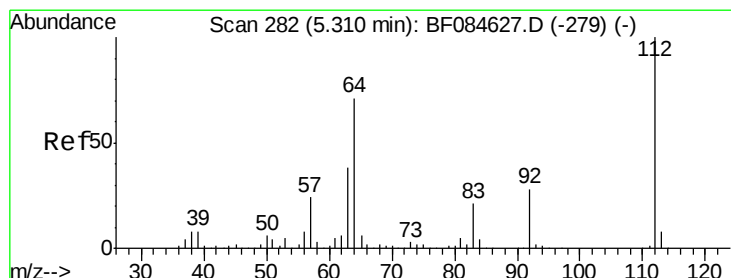
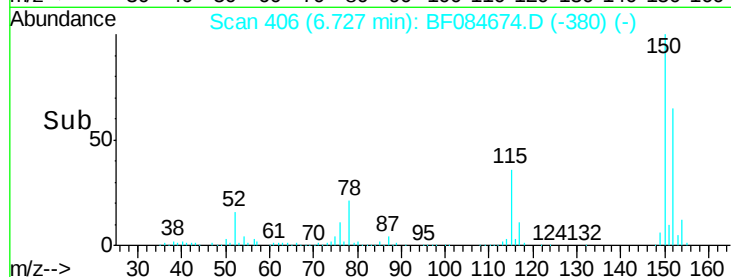
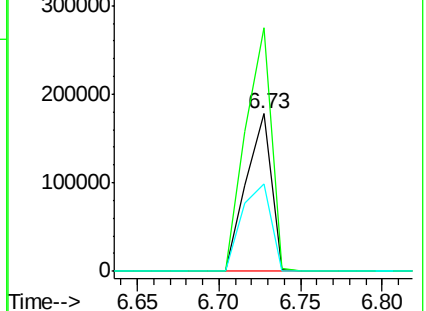
115 55.3 51.4 77.2



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: 113.72 ng

RT: 5.32 min Scan# 283

Delta R.T. 0.01 min

Lab File: BF084674.D

Acq: 30 Jan 2016 9:46

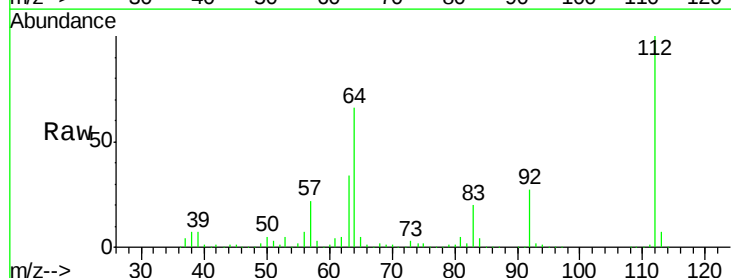
Tgt Ion:112 Resp: 1435085

Ion Ratio Lower Upper

112 100

64 65.6 36.6 55.0#

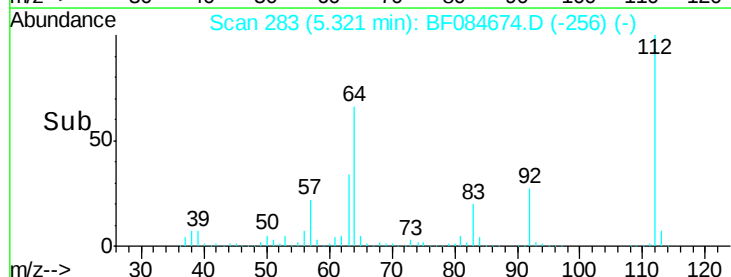
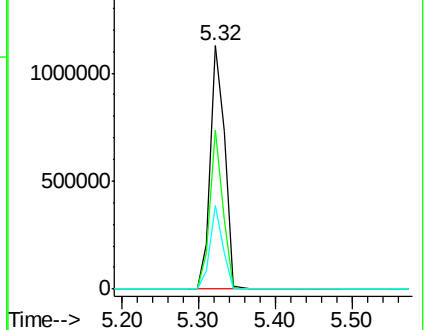
63 34.3 19.4 29.0#

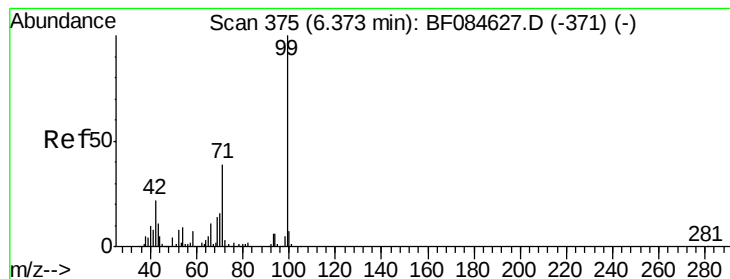


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 111.14 ng

RT: 6.37 min Scan# 375

Delta R.T. -0.00 min

Lab File: BF084674.D

Acq: 30 Jan 2016 9:46

Instrument :

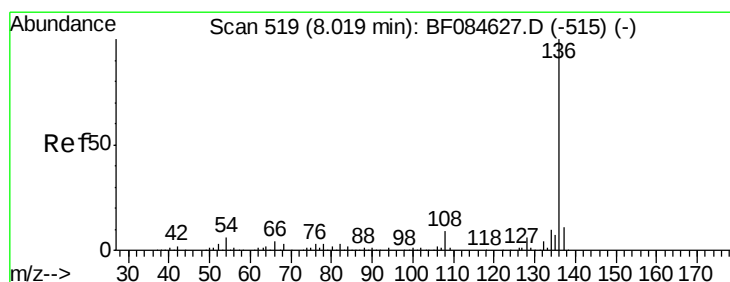
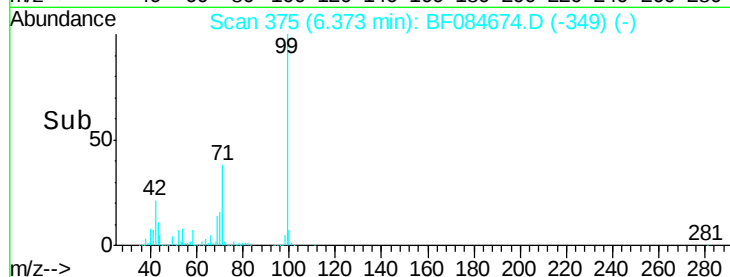
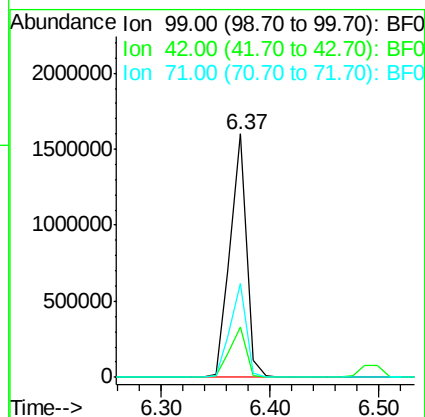
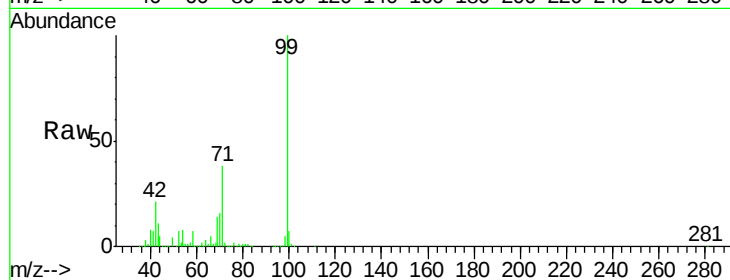
BNA_F

ClientSampleId :

DUPLICATE

Tot Ion: 99 Resp: 1680993

Ion	Ratio	Lower	Upper
99	100		
42	20.6	12.8	19.2#
71	38.4	30.9	46.3



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.01 min Scan# 518

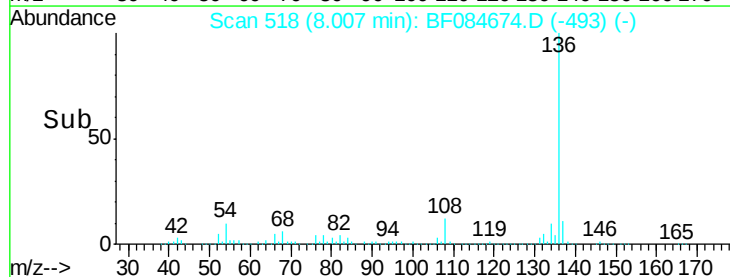
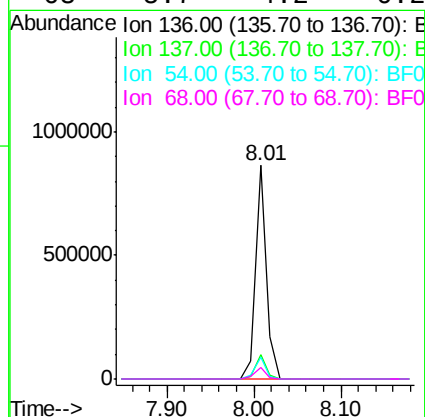
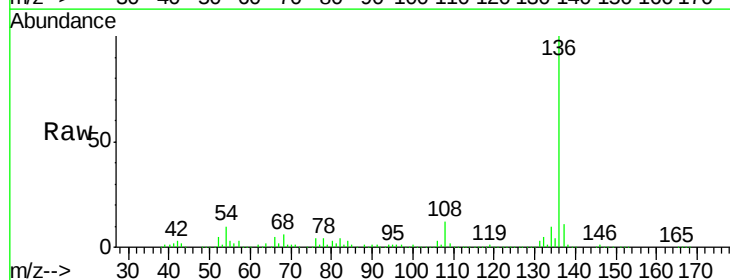
Delta R.T. -0.01 min

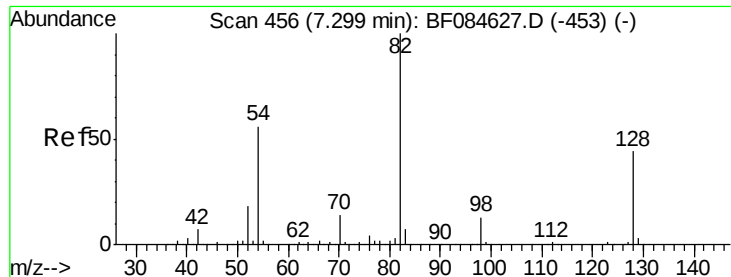
Lab File: BF084674.D

Acq: 30 Jan 2016 9:46

Tgt Ion: 136 Resp: 761502

Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.7	13.1
54	9.9	5.8	8.8#
68	5.7	4.2	6.2

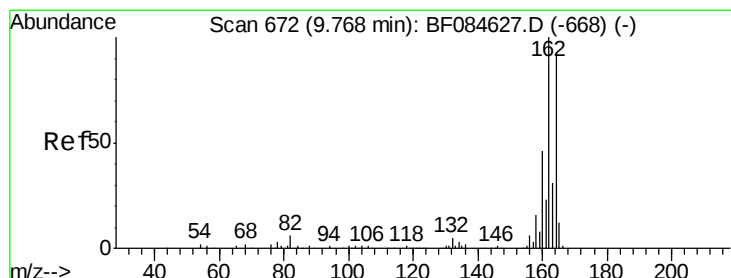
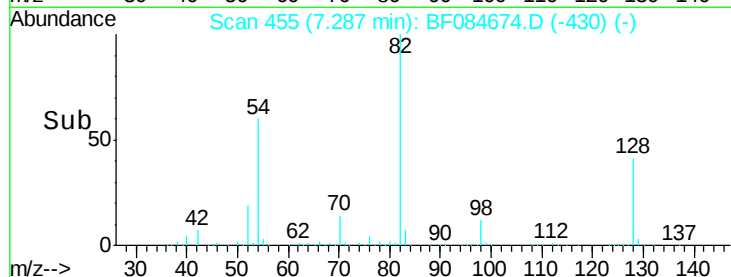
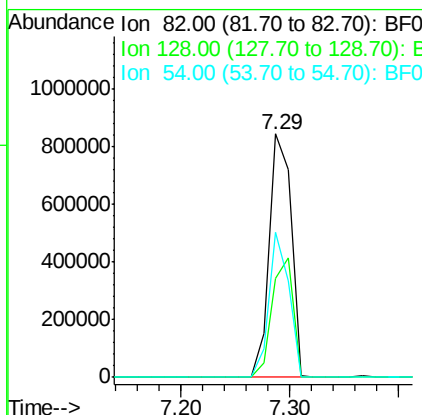
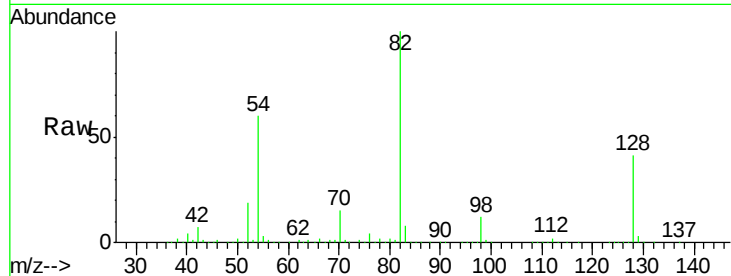




#23
 Nitrobenzene-d5
 Concen: 86.87 ng
 RT: 7.29 min Scan# 455
 Delta R.T. -0.01 min
 Lab File: BF084674.D
 Acq: 30 Jan 2016 9:46

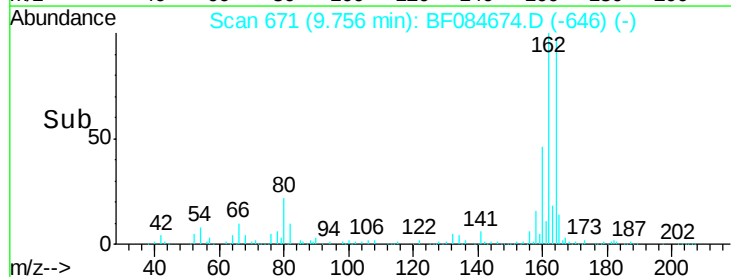
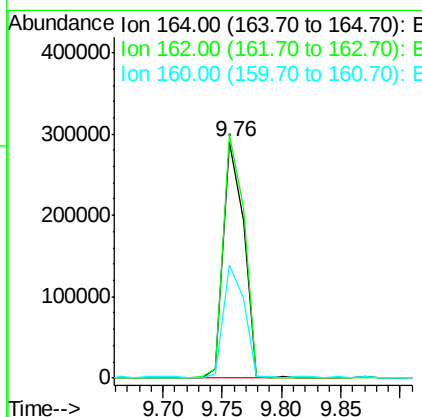
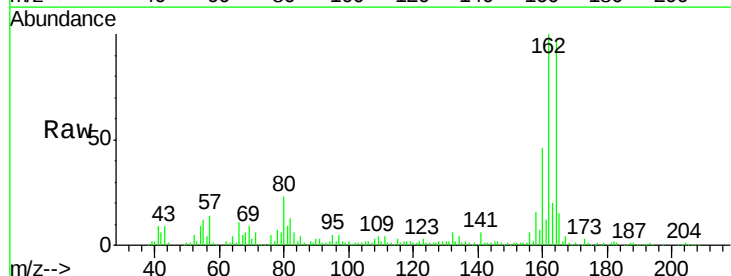
Instrument :
 BNA_F
 ClientSampleId :
 DUPLICATE

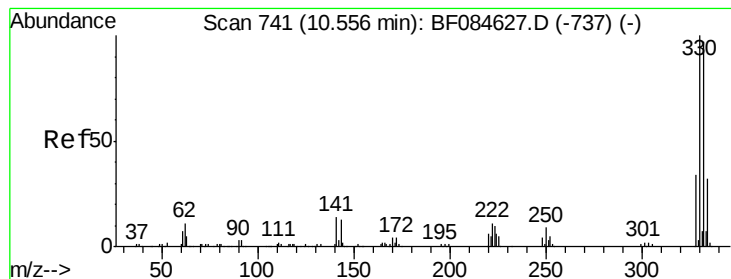
Tot Ion: 82 Resp: 1183665
 Ion Ratio Lower Upper
 82 100
 128 40.5 34.6 51.8
 54 59.7 38.4 57.6#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.76 min Scan# 671
 Delta R.T. -0.01 min
 Lab File: BF084674.D
 Acq: 30 Jan 2016 9:46

Tgt Ion:164 Resp: 340963
 Ion Ratio Lower Upper
 164 100
 162 103.0 85.1 127.7
 160 47.6 37.5 56.3





#41

2,4,6-Tribromophenol

Concen: 139.89 ng

RT: 10.56 min Scan# 741

Delta R.T. -0.00 min

Lab File: BF084674.D

Acq: 30 Jan 2016 9:46

Instrument :

BNA_F

ClientSampleId :

DUPLICATE

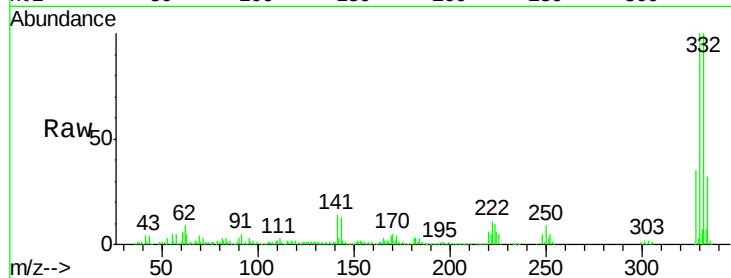
Tot Ion:330 Resp: 499913

Ion Ratio Lower Upper

330 100

332 97.4 76.6 114.8

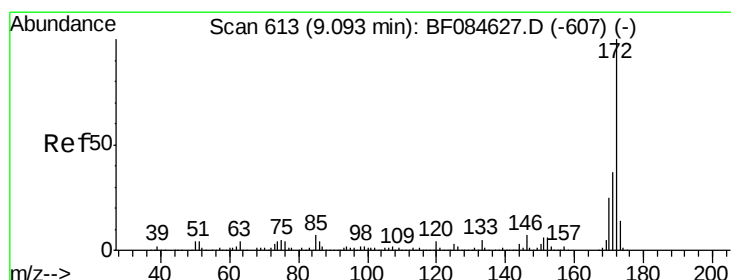
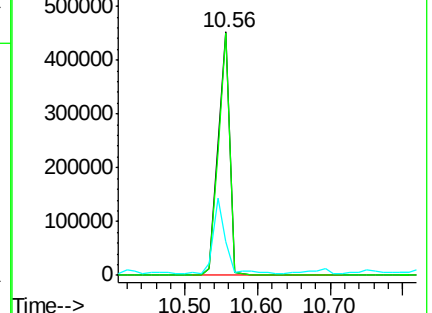
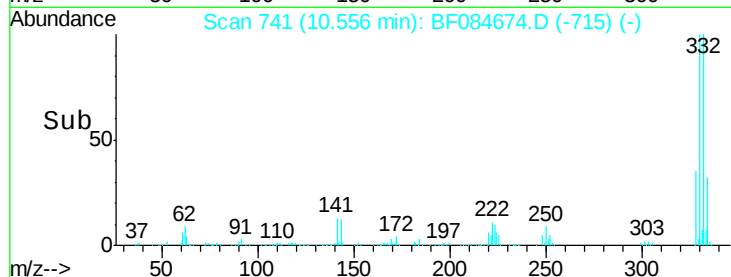
141 31.8 27.8 41.6



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



#44

2-Fluorobiphenyl

Concen: 76.92 ng

RT: 9.09 min Scan# 613

Delta R.T. -0.00 min

Lab File: BF084674.D

Acq: 30 Jan 2016 9:46

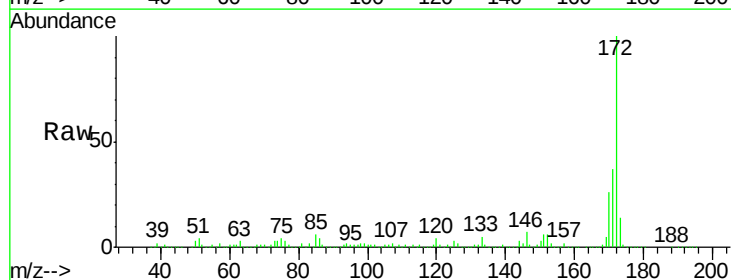
Tgt Ion:172 Resp: 1764573

Ion Ratio Lower Upper

172 100

171 36.9 28.9 43.3

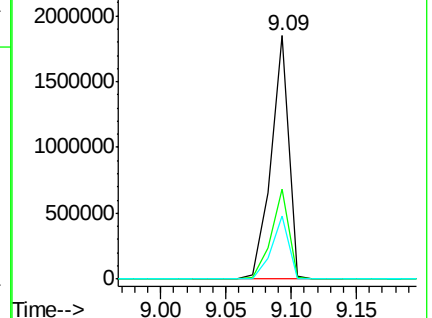
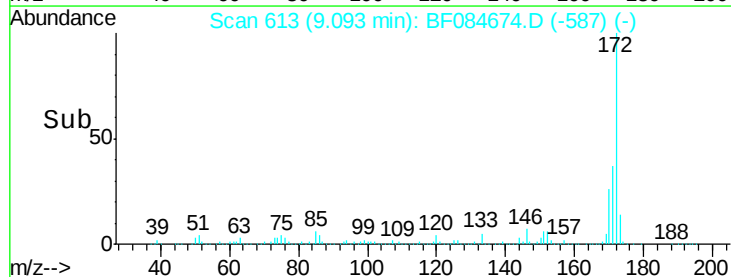
170 25.7 18.6 27.8

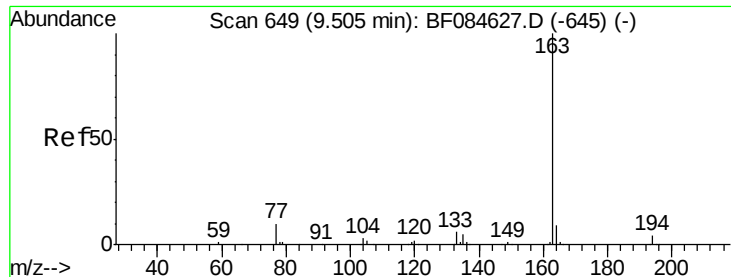


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

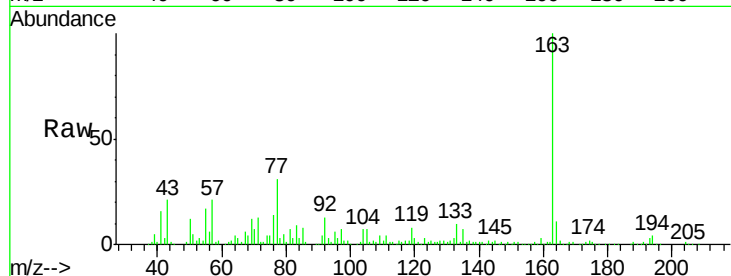




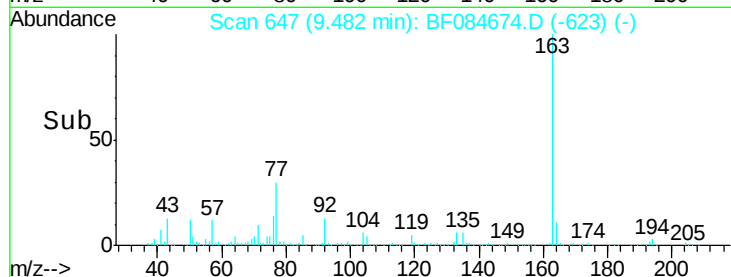
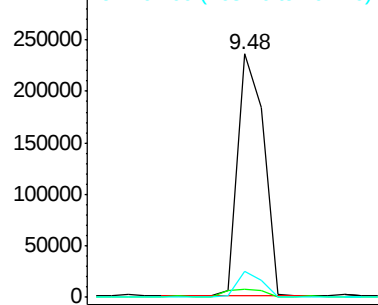
#49
Dimethylphthalate
Concen: 11.40 ng
RT: 9.48 min Scan# 647
Delta R.T. -0.02 min
Lab File: BF084674.D
Acq: 30 Jan 2016 9:46

Instrument :
BNA_F
ClientSampleId :
DUPLICATE

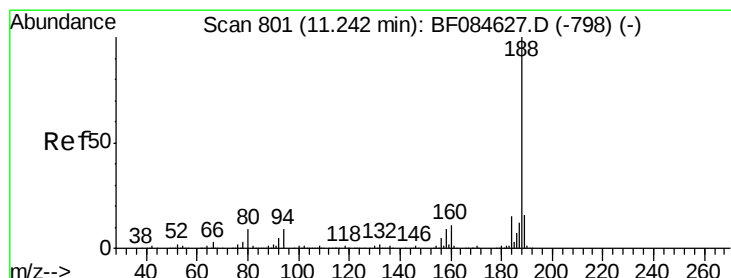
Tot Ion	Ratio	Lower	Upper
163	100		
194	3.6	8.0	12.0#
164	10.9	8.0	12.0



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

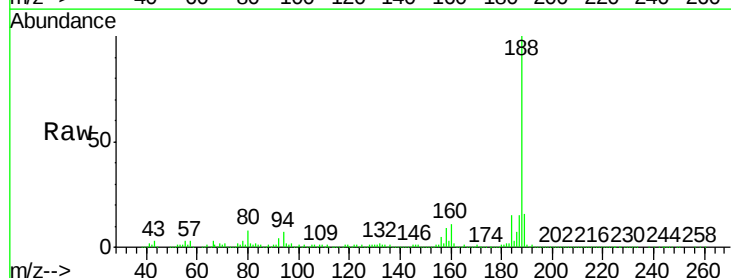


Time-->

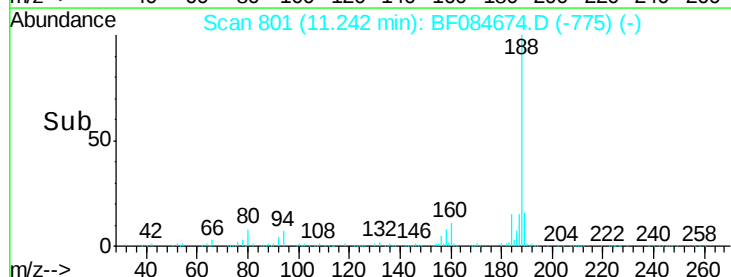
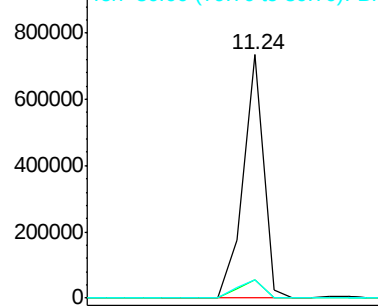


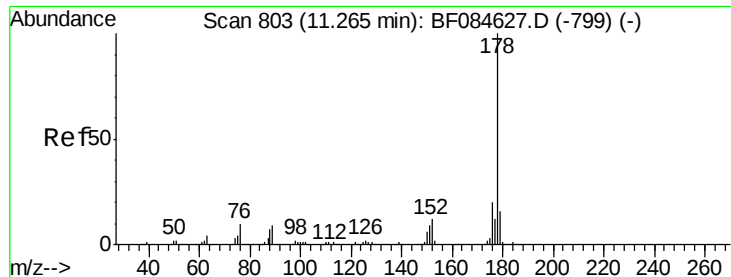
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.24 min Scan# 801
Delta R.T. -0.00 min
Lab File: BF084674.D
Acq: 30 Jan 2016 9:46

Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.4	9.0	13.4#
80	7.8	9.6	14.4#



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

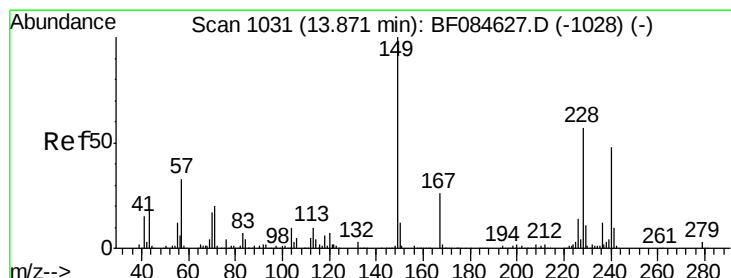
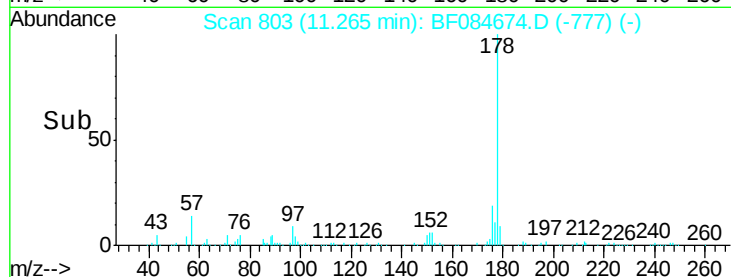
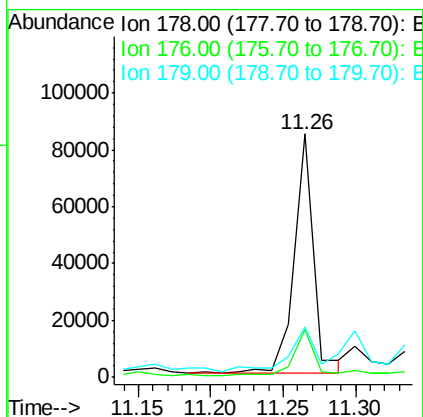
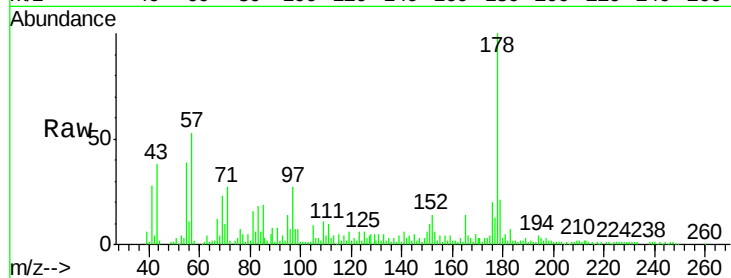




#70
Phenanthrene
Concen: 2.19 ng
RT: 11.26 min Scan# 803
Delta R.T. -0.00 min
Lab File: BF084674.D
Acq: 30 Jan 2016 9:46

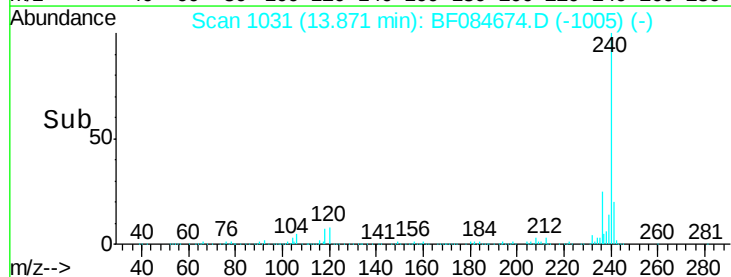
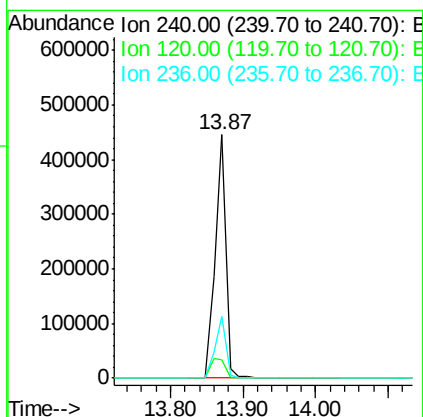
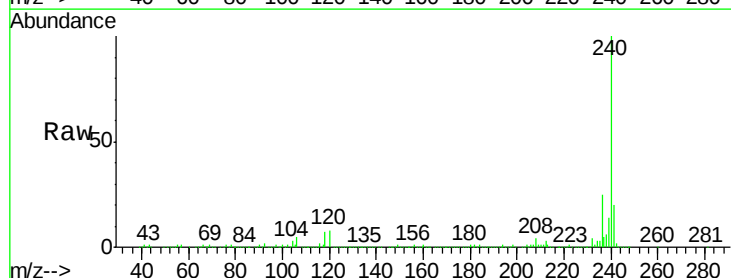
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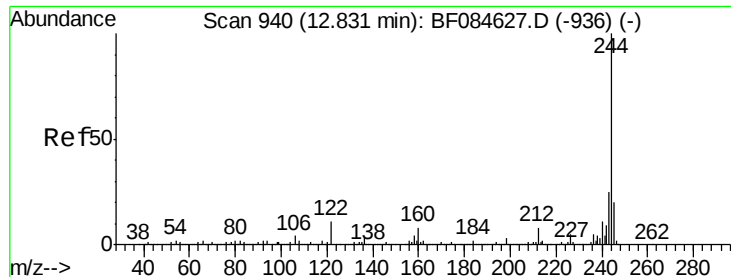
Tot Ion:178 Resp: 77669
Ion Ratio Lower Upper
178 100
176 19.5 15.3 22.9
179 20.6 12.0 18.0#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.87 min Scan# 1031
Delta R.T. -0.00 min
Lab File: BF084674.D
Acq: 30 Jan 2016 9:46

Tgt Ion:240 Resp: 453720
Ion Ratio Lower Upper
240 100
120 7.6 9.5 14.3#
236 25.3 20.6 31.0





#78

Terphenyl-d14

Concen: 80.34 ng

RT: 12.83 min Scan# 940

Delta R.T. -0.00 min

Lab File: BF084674.D

Acq: 30 Jan 2016 9:46

Instrument :

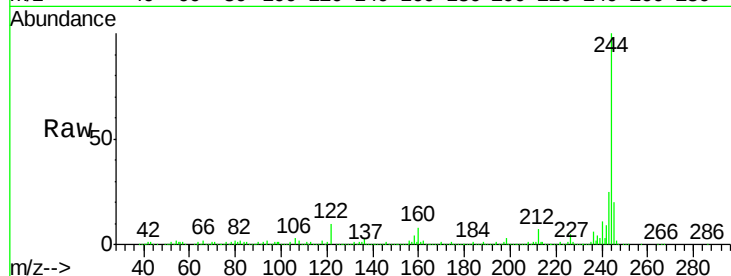
BNA_F

ClientSampleId :

DUPLICATE

Tot Ion:244 Resp: 1613973

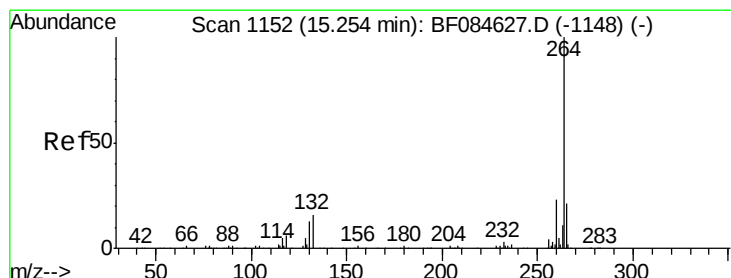
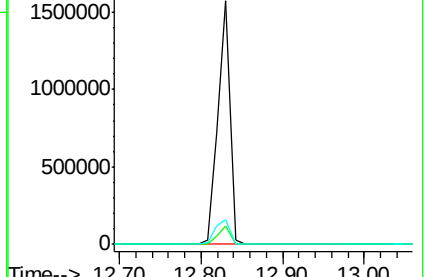
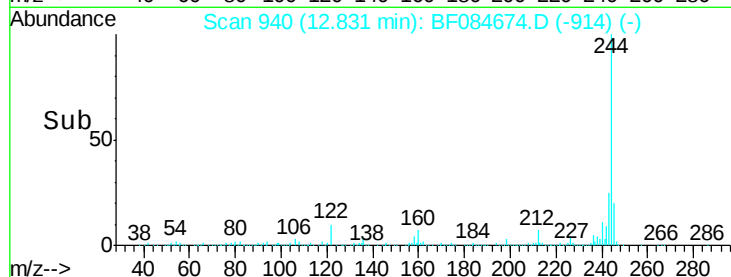
Ion	Ratio	Lower	Upper
244	100		
212	7.3	5.7	8.5
122	10.1	7.4	11.0



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: 15.25 min Scan# 1152

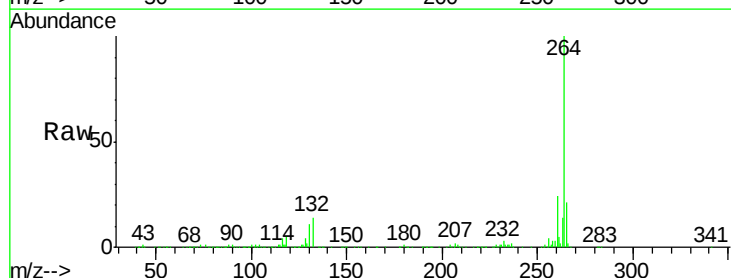
Delta R.T. -0.00 min

Lab File: BF084674.D

Acq: 30 Jan 2016 9:46

Tgt Ion:264 Resp: 363933

Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.4	29.2
265	21.2	17.8	26.6



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

