

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030816\
 Data File : BF085267.D
 Acq On : 8 Mar 2016 20:42
 Operator : UM/SJ
 Sample : H1684-12
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RW-48-S2 GRID 4

Manual Integrations
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 3/9/2016 9:30:40 AM

Quant Time: Mar 09 01:03:04 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 04 00:54:58 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	148047	20.00	ng	-0.02
21) Naphthalene-d8	8.24	136	563866	20.00	ng	-0.02
38) Acenaphthene-d10	10.00	164	244289	20.00	ng	-0.02
63) Phenanthrene-d10	11.49	188	527325	20.00	ng	-0.02
75) Chrysene-d12	14.12	240	353223	20.00	ng	-0.03
86) Perylene-d12	15.58	264	94679	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.58	112	1185136	134.28	ng	0.00
7) Phenol-d6	6.58	99	1197092	103.52	ng	-0.02
23) Nitrobenzene-d5	7.52	82	924210	87.71	ng	-0.02
41) 2,4,6-Tribromophenol	10.79	330	355742	170.19	ng	-0.02
44) 2-Fluorobiphenyl	9.33	172	1679117	104.53	ng	-0.02
78) Terphenyl-d14	13.08	244	1694616	111.37	ng	-0.01
Target Compounds						
31) Naphthalene	8.26	128	285462	10.30	ng	Qvalue 97

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

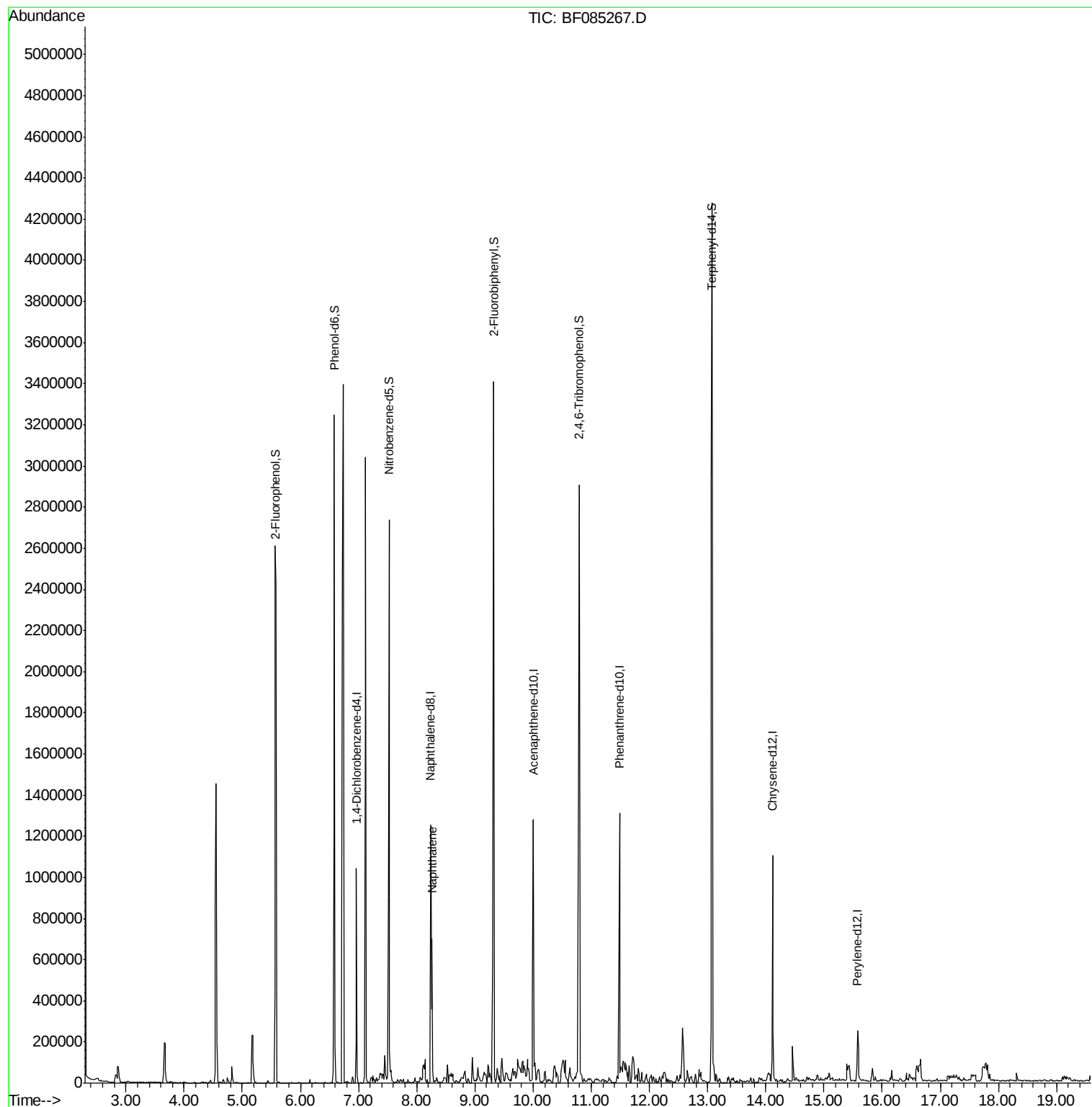
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030816\
Data File : BF085267.D
Acq On : 8 Mar 2016 20:42
Operator : UM/SJ
Sample : H1684-12
Misc :
ALS Vial : 15 Sample Multiplier: 1

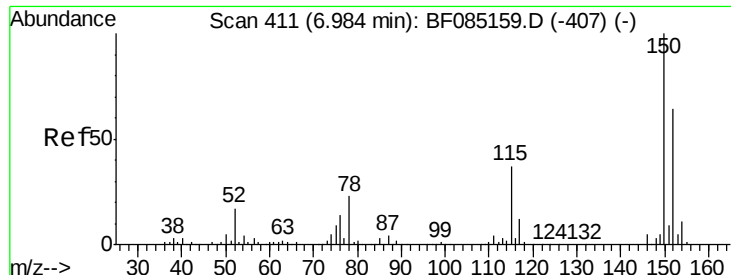
Instrument :
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030316.M
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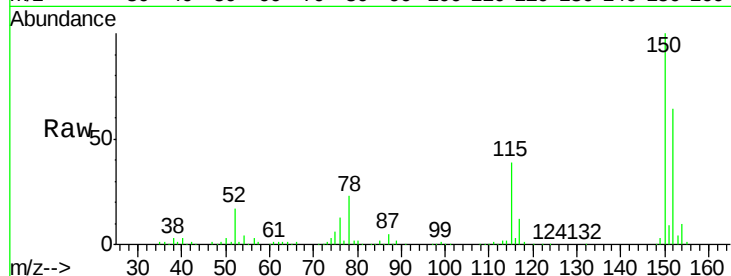
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.96 min Scan# 409
 Delta R.T. -0.02 min
 Lab File: BF085267.D
 Acq: 8 Mar 2016 20:42

Instrument :
 BNA_F
 ClientSampleId :
 RW-48-S2 GRID 4

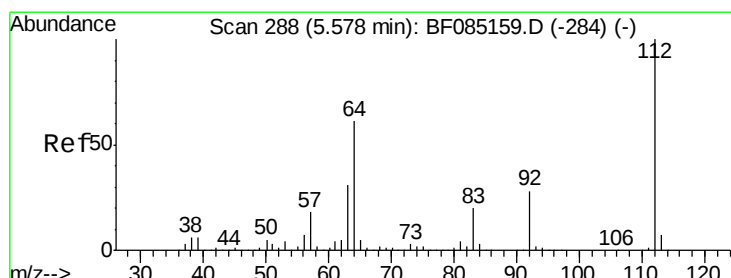
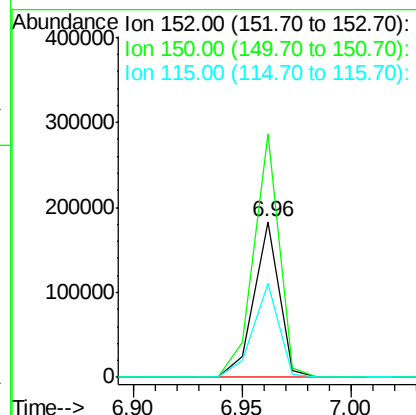
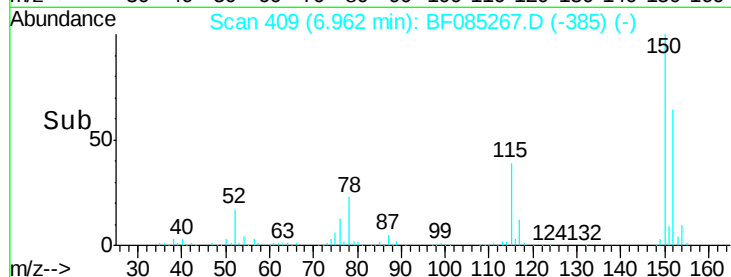
Tgt Ion	Ratio	Resp	Lower	Upper
152	100	148047		
150	156.3	124.6	186.8	
115	60.2	46.6	70.0	

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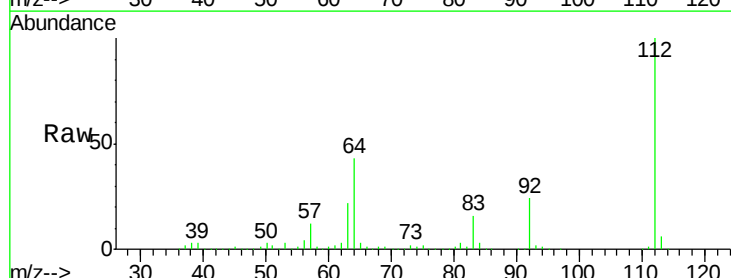


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

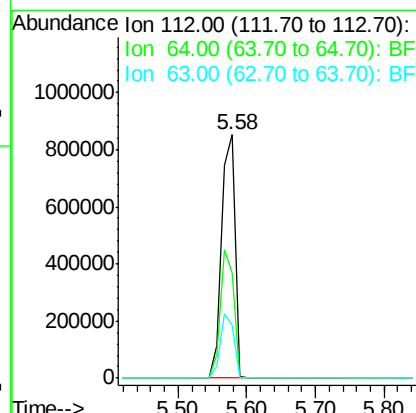
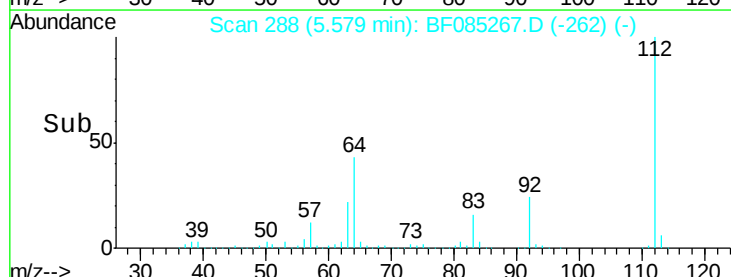


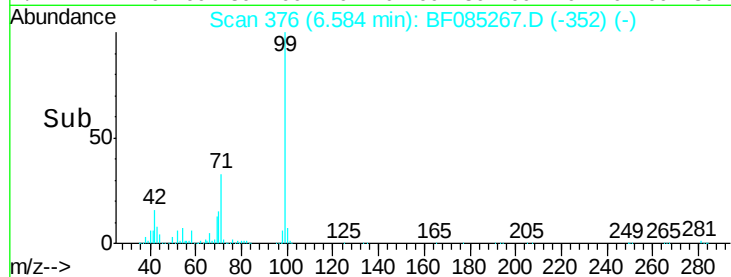
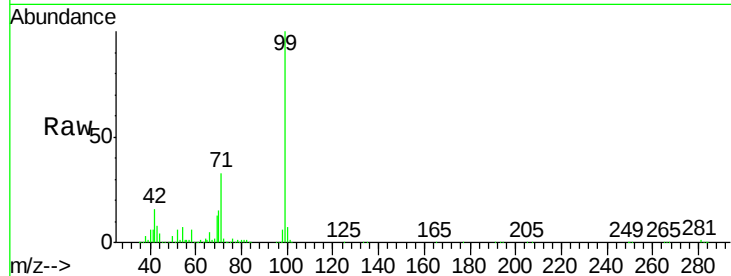
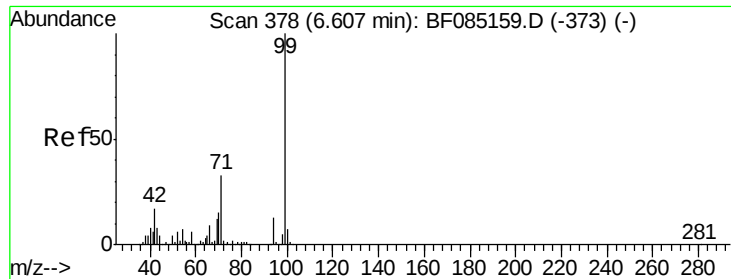
#5
 2-Fluorophenol
 Concen: 134.28 ng
 RT: 5.58 min Scan# 288
 Delta R.T. 0.00 min
 Lab File: BF085267.D
 Acq: 8 Mar 2016 20:42

Tgt Ion	Ratio	Resp	Lower	Upper
112	100	1185136		
64	43.4	49.0	73.4#	
63	21.7	24.8	37.2#	



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: 103.52 ng

RT: 6.58 min Scan# 376

Delta R.T. -0.02 min

Lab File: BF085267.D

Acq: 8 Mar 2016 20:42

Tgt Ion: 99 Resp: 1197092

Ion Ratio Lower Upper

99 100

42 16.3 13.6 20.4

71 33.4 26.7 40.1

Instrument :

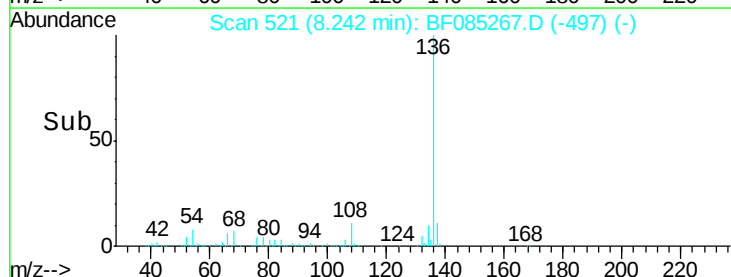
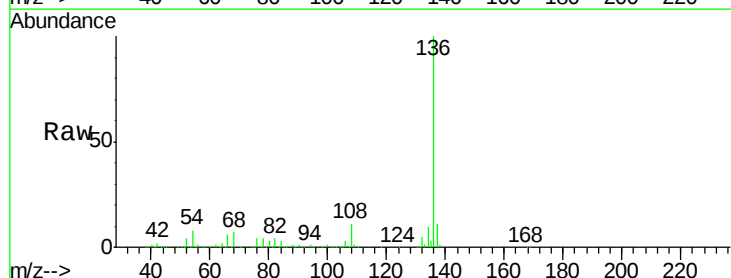
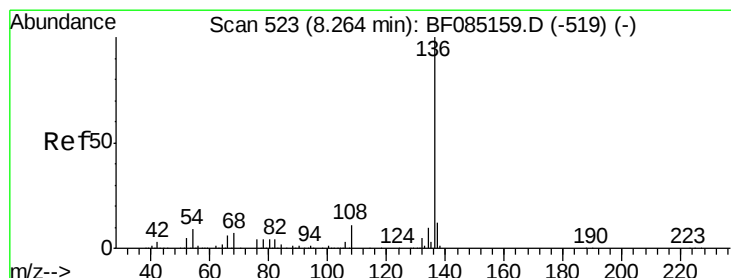
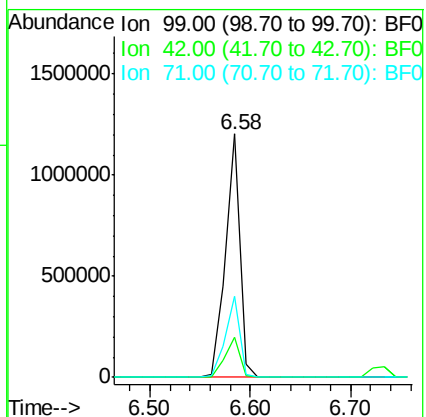
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ClientSampleId :

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#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.24 min Scan# 521

Delta R.T. -0.02 min

Lab File: BF085267.D

Acq: 8 Mar 2016 20:42

Tgt Ion: 136 Resp: 563866

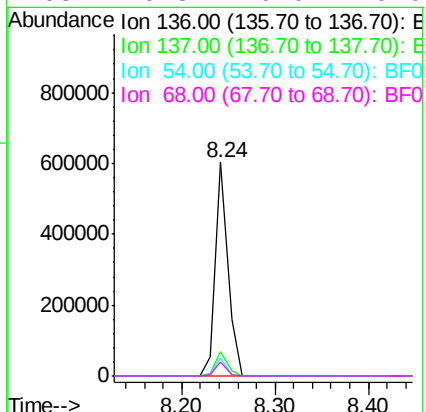
Ion Ratio Lower Upper

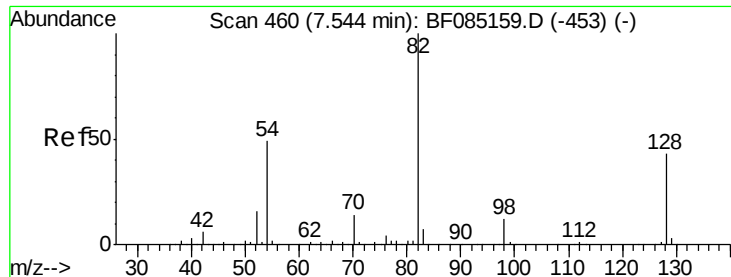
136 100

137 11.3 9.3 13.9

54 8.5 7.4 11.2

68 6.8 6.0 9.0





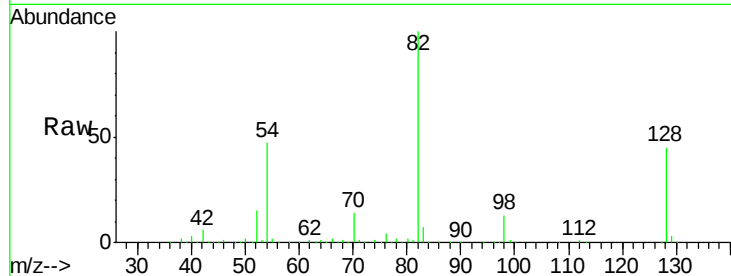
#23
 Nitrobenzene-d5
 Concen: 87.71 ng
 RT: 7.52 min Scan# 458
 Delta R.T. -0.02 min
 Lab File: BF085267.D
 Acq: 8 Mar 2016 20:42

Instrument :
 BNA_F
 ClientSampleId :
 RW-48-S2 GRID 4

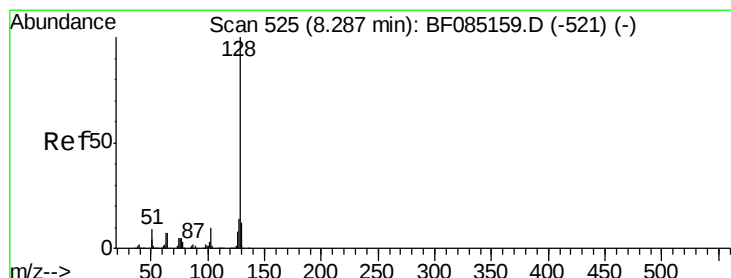
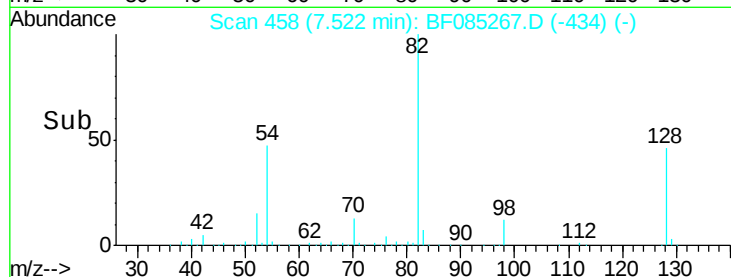
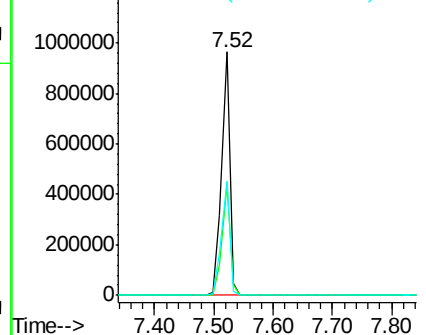
Tgt Ion	Ratio	Lower	Upper
82	100		
128	45.5	34.5	51.7
54	46.8	39.3	58.9

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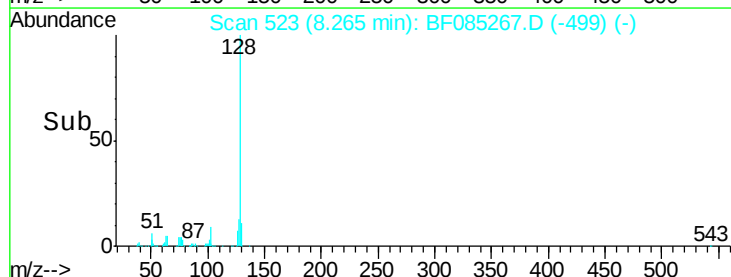
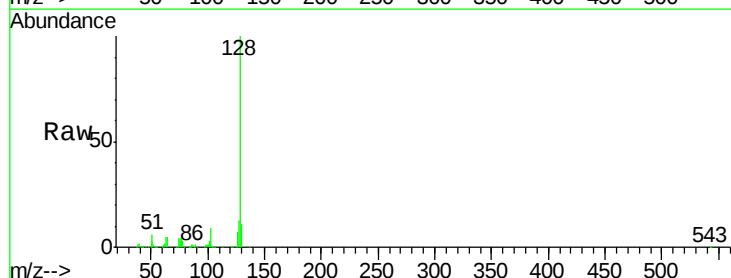
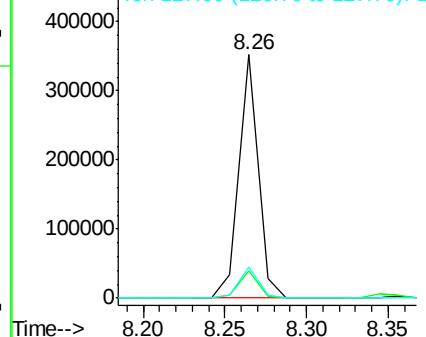
Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

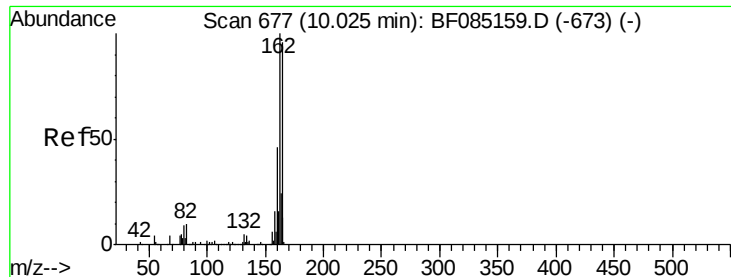


#31
 Naphthalene
 Concen: 10.30 ng
 RT: 8.26 min Scan# 523
 Delta R.T. -0.02 min
 Lab File: BF085267.D
 Acq: 8 Mar 2016 20:42

Tgt Ion	Ratio	Lower	Upper
128	100		
129	11.1	9.7	14.5
127	13.0	11.2	16.8

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: 10.00 min Scan# 675

Delta R.T. -0.02 min

Lab File: BF085267.D

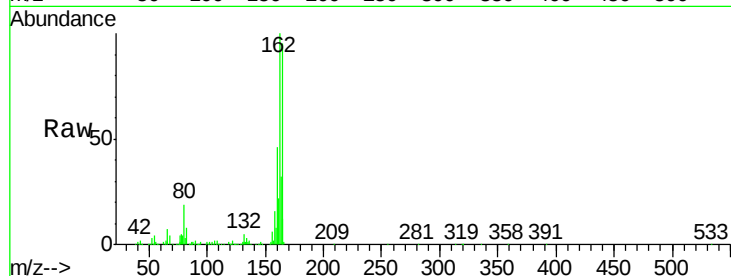
Acq: 8 Mar 2016 20:42

Instrument :

BNA_F

ClientSampleId :

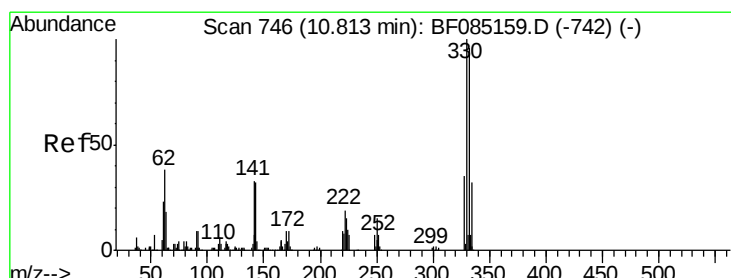
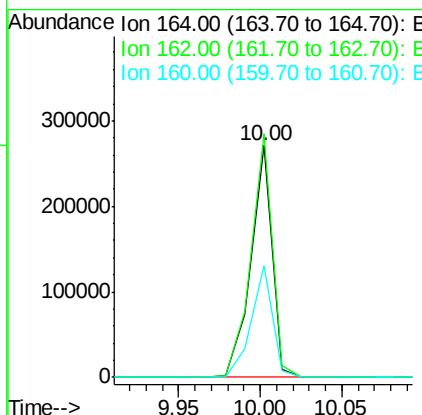
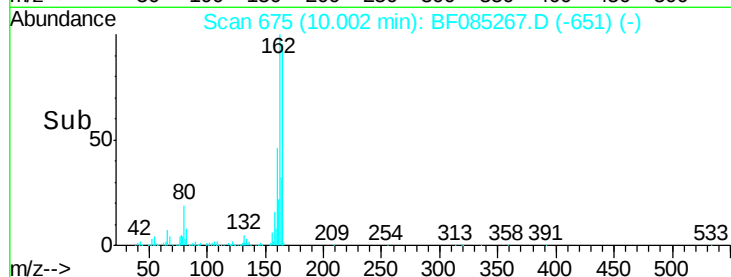
RW-48-S2 GRID 4



Tgt Ion:	164	Resp:	244289
Ion Ratio	Lower	Upper	
164	100		
162	105.0	83.3	124.9
160	48.1	37.9	56.9

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#41

2,4,6-Tribromophenol

Concen: 170.19 ng

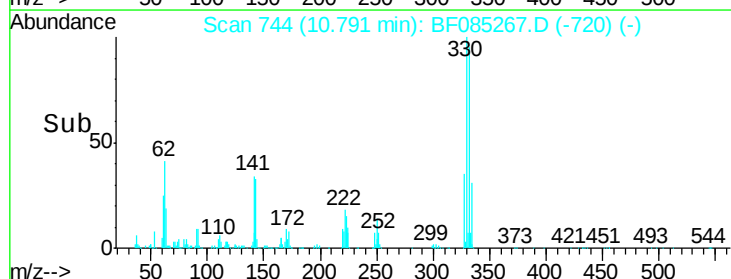
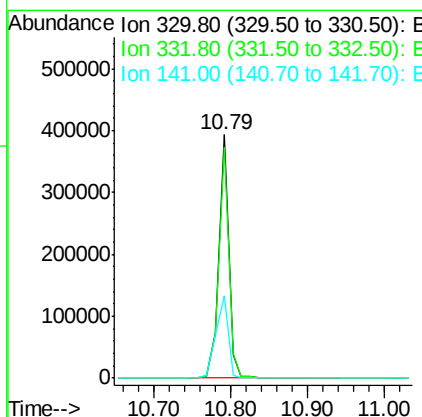
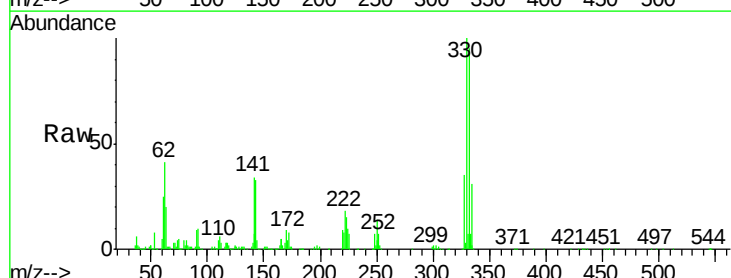
RT: 10.79 min Scan# 744

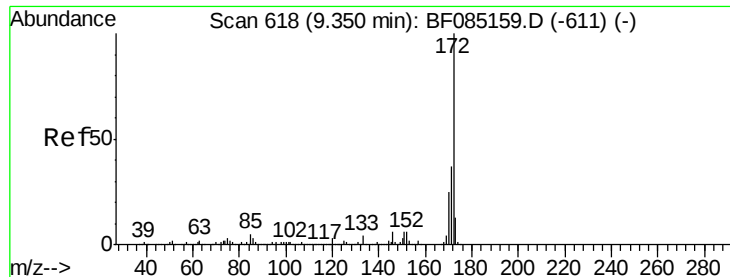
Delta R.T. -0.02 min

Lab File: BF085267.D

Acq: 8 Mar 2016 20:42

Tgt Ion:	330	Resp:	355742
Ion Ratio	Lower	Upper	
330	100		
332	95.6	77.1	115.7
141	41.5	35.0	52.6





#44

2-Fluorobiphenyl

Concen: 104.53 ng

RT: 9.33 min Scan# 616

Delta R.T. -0.02 min

Lab File: BF085267.D

Acq: 8 Mar 2016 20:42

Instrument :

BNA_F

ClientSampleId :

RW-48-S2 GRID 4

Tgt Ion:172 Resp: 1679117

Ion Ratio Lower Upper

172 100

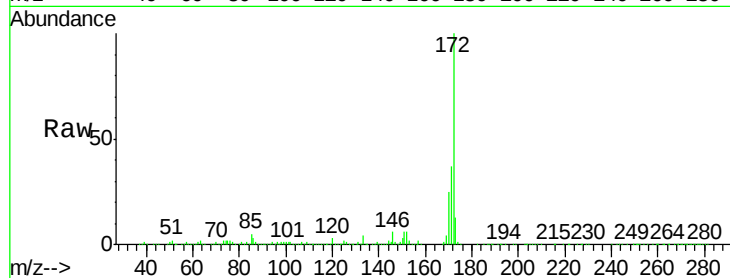
171 36.7 29.3 43.9

170 24.9 20.0 30.0

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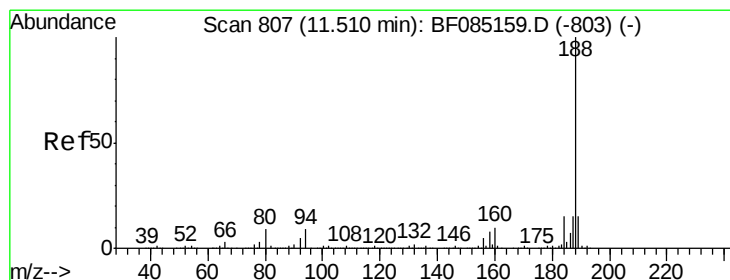
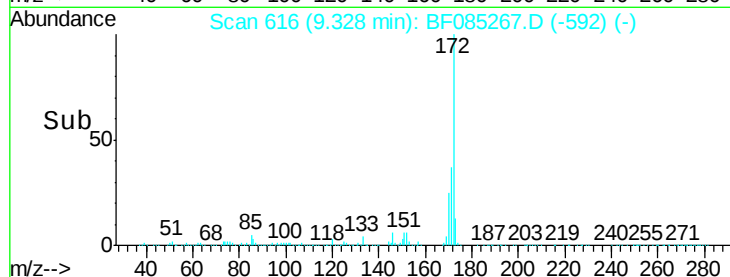
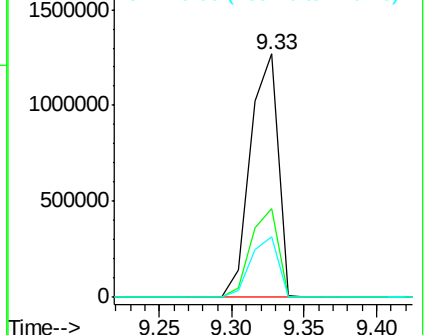
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Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.49 min Scan# 805

Delta R.T. -0.02 min

Lab File: BF085267.D

Acq: 8 Mar 2016 20:42

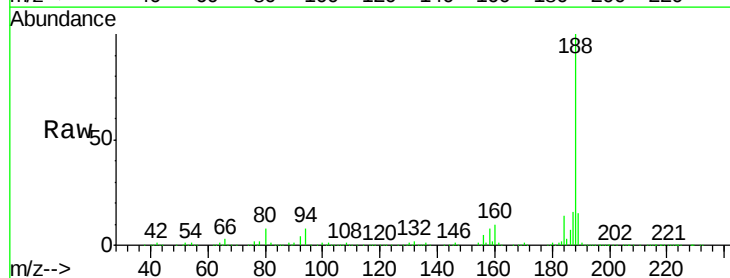
Tgt Ion:188 Resp: 527325

Ion Ratio Lower Upper

188 100

94 7.9 7.0 10.6

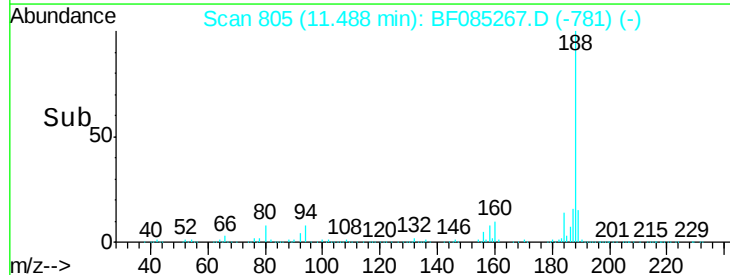
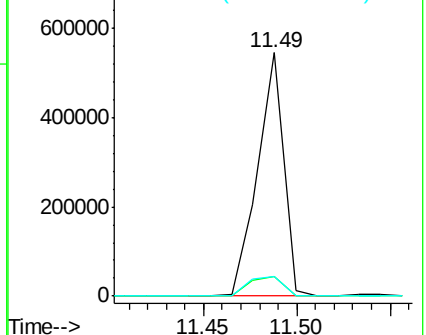
80 7.8 7.4 11.0

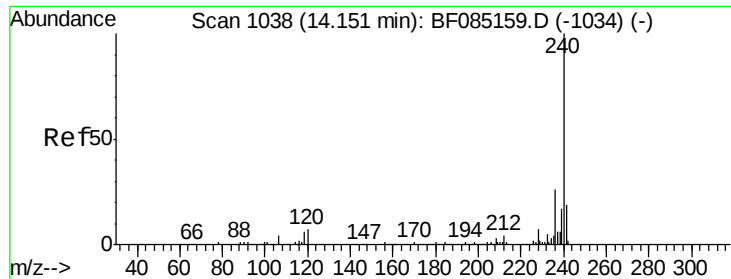


Abundance Ion 188.00 (187.70 to 188.70): E

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: 14.12 min Scan# 1035

Delta R.T. -0.03 min

Lab File: BF085267.D

Acq: 8 Mar 2016 20:42

Instrument :

BNA_F

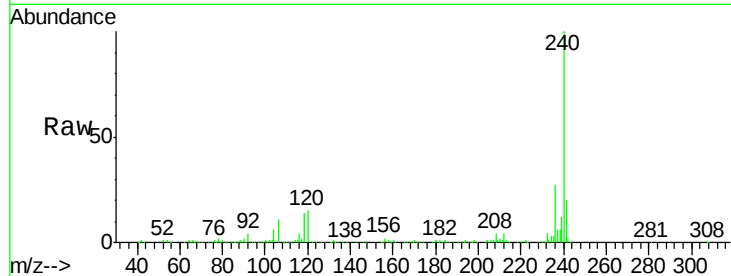
ClientSampleId :

RW-48-S2 GRID 4

Tgt Ion	Ratio	Lower	Upper
240	100		
120	15.2	5.3	7.9#
236	26.7	20.7	31.1

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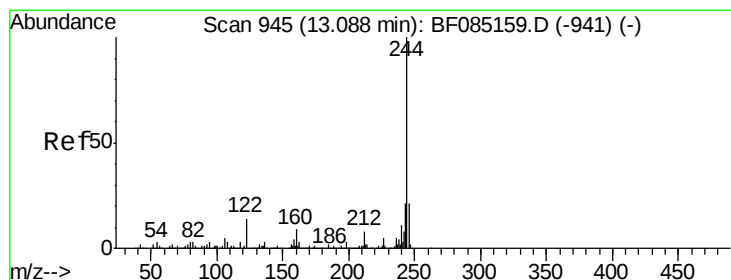
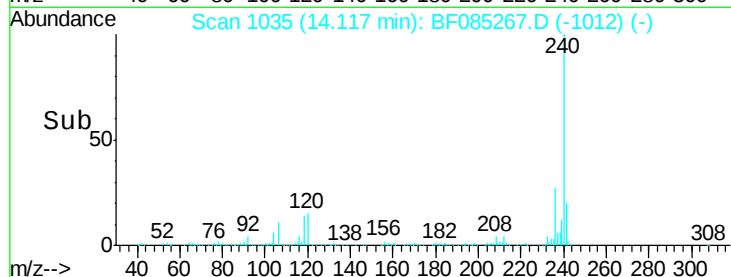
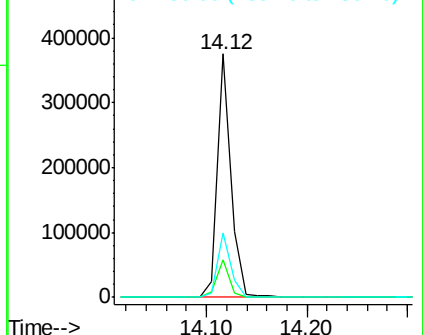
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Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#78

Terphenyl-d14

Concen: 111.37 ng

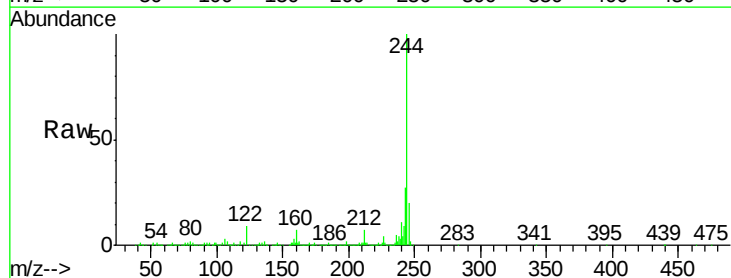
RT: 13.08 min Scan# 944

Delta R.T. -0.01 min

Lab File: BF085267.D

Acq: 8 Mar 2016 20:42

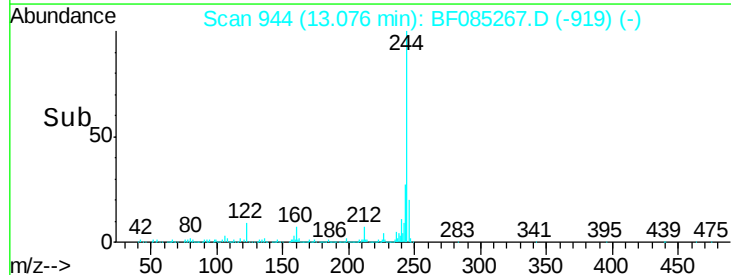
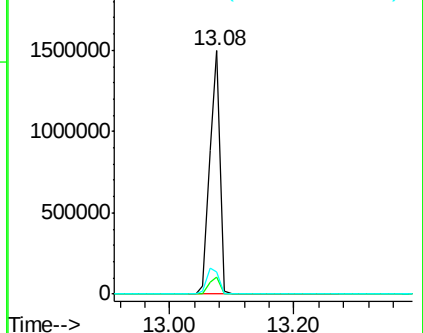
Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.0	6.4	9.6
122	9.3	11.4	17.2#

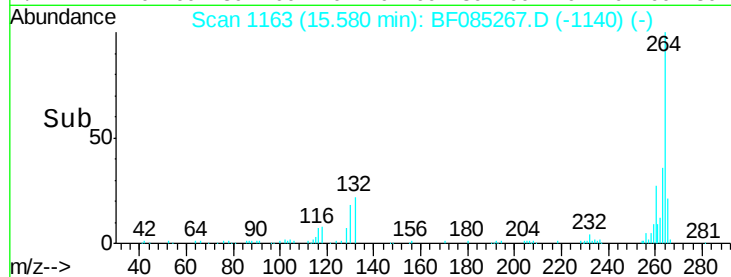
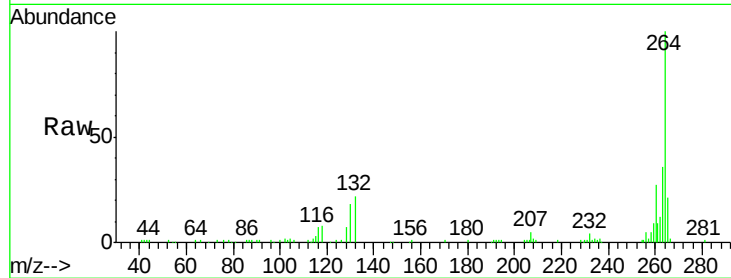
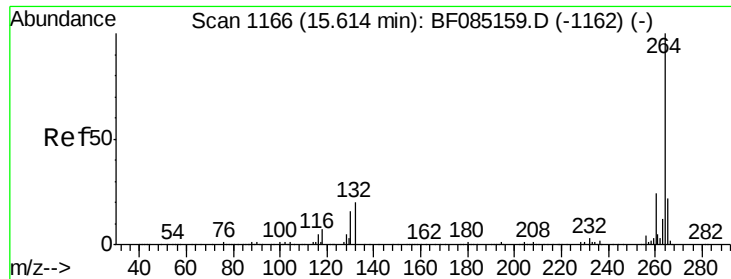


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.58 min Scan# 1163
Delta R.T. -0.03 min
Lab File: BF085267.D
Acq: 8 Mar 2016 20:42

Instrument :
BNA_F
ClientSampleId :
RW-48-S2 GRID 4

Tgt Ion	Ratio	Lower	Upper
264	100		
260	26.7	19.2	28.8
265	20.6	17.3	25.9

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