

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111315\
 Data File : BF082931.D
 Acq On : 14 Nov 2015 8:38
 Operator : UM/IZ
 Sample : G4331-01
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LIBERTY-SF-002

Manual Integrations
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 11/16/2015 12:44:09 PM

Quant Time: Nov 16 00:37:48 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Nov 07 02:32:49 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	187092m	20.00	ng	-0.06
21) Naphthalene-d8	8.09	136	665416	20.00	ng	-0.06
38) Acenaphthene-d10	9.85	164	355762	20.00	ng	-0.05
63) Phenanthrene-d10	11.33	188	577345	20.00	ng	-0.05
75) Chrysene-d12	13.96	240	406026	20.00	ng	-0.06
86) Perylene-d12	15.38	264	409663	20.00	ng	-0.08
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	633798	52.71	ng	-0.02
7) Phenol-d6	6.45	99	476822	29.83	ng	-0.02
23) Nitrobenzene-d5	7.37	82	1210536	79.16	ng	-0.04
41) 2,4,6-Tribromophenol	10.64	330	365881	89.70	ng	-0.04
44) 2-Fluorobiphenyl	9.17	172	1920732	77.38	ng	-0.05
78) Terphenyl-d14	12.92	244	1721016	100.53	ng	-0.04
Target Compounds						
49) Dimethylphthalate	9.56	163	142376	4.88	ng	98
73) Di-n-butylphthalate	11.89	149	137212	3.56	ng	97

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

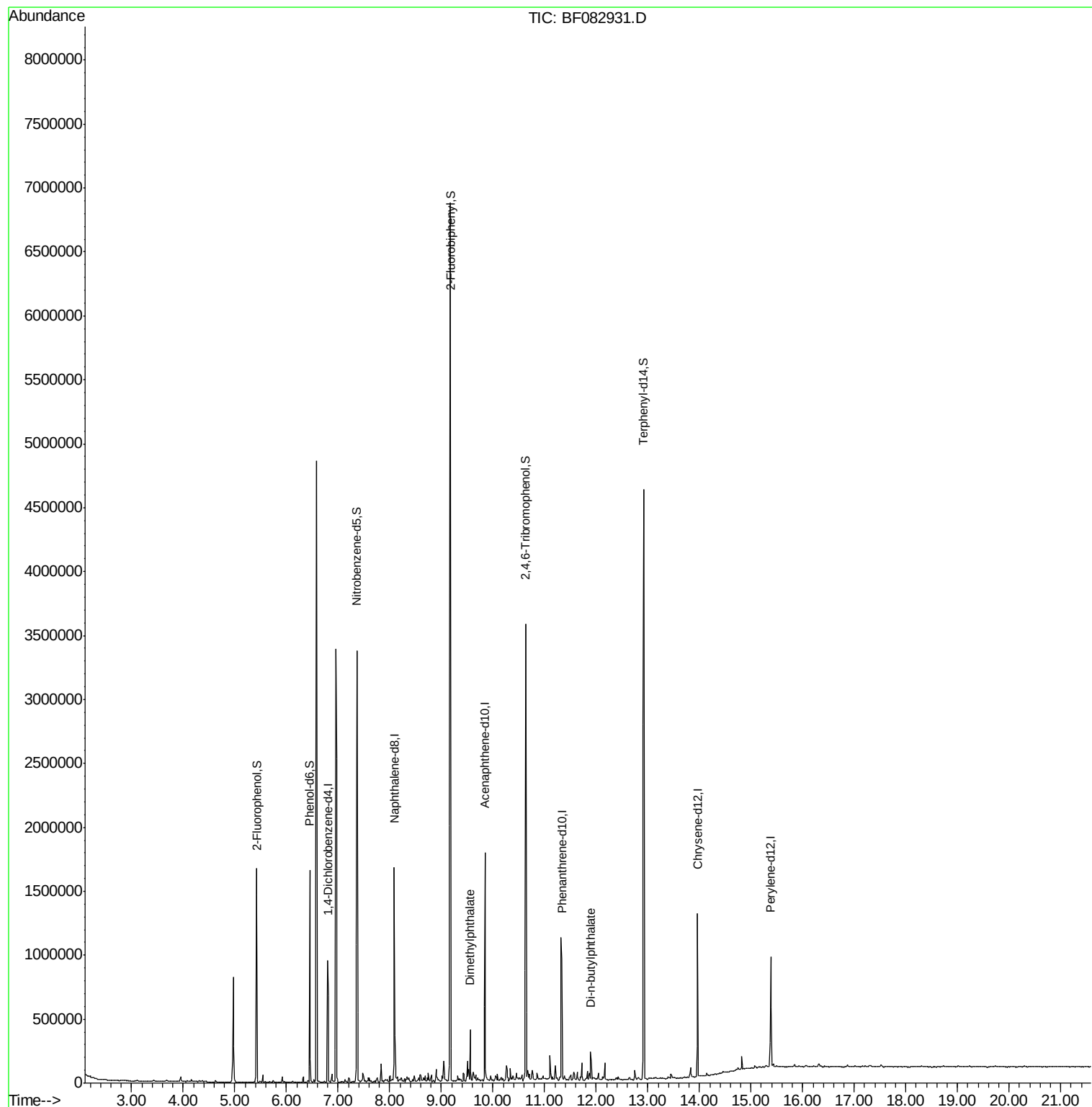
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111315\
Data File : BF082931.D
Acq On : 14 Nov 2015 8:38
Operator : UM/IZ
Sample : G4331-01
Misc :
ALS Vial : 37 Sample Multiplier: 1

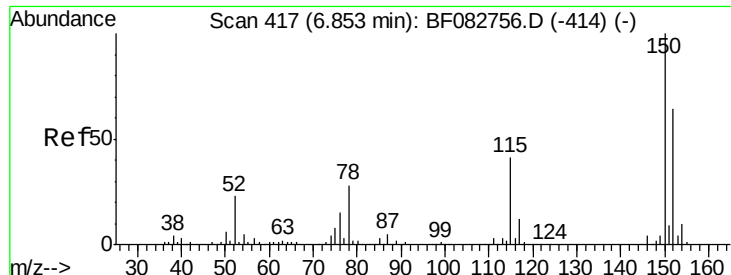
Instrument :
BNA_F
ClientSampleId :
LIBERTY-SF-002

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Quant Time: Nov 16 00:37:48 2015
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng m

RT: 6.80 min Scan# 412

Delta R.T. -0.06 min

Lab File: BF082931.D

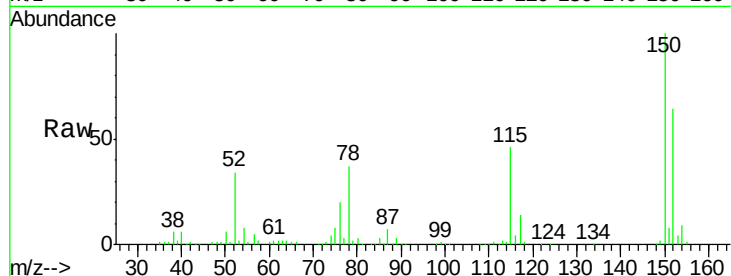
Acq: 14 Nov 2015 8:38

Instrument :

BNA_F

ClientSampleId :

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Tgt Ion:152 Resp: 187092

Ion Ratio Lower Upper

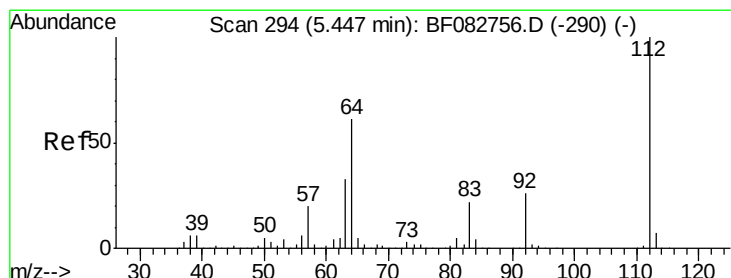
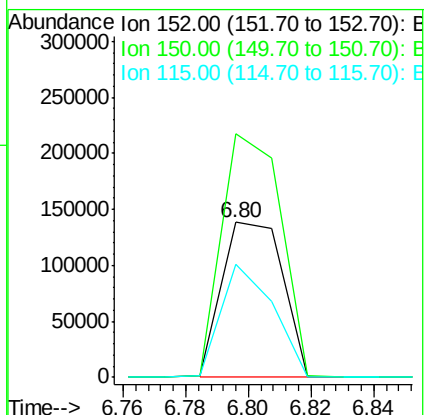
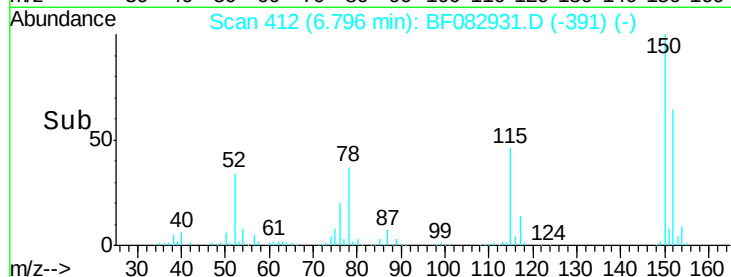
152 100

150 157.1 127.0 190.4

115 72.9 47.0 70.6#

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#5

2-Fluorophenol

Concen: 52.71 ng

RT: 5.42 min Scan# 292

Delta R.T. -0.02 min

Lab File: BF082931.D

Acq: 14 Nov 2015 8:38

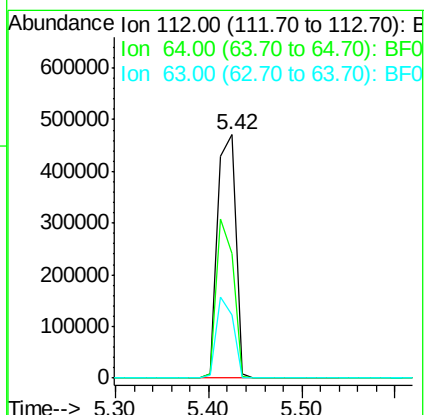
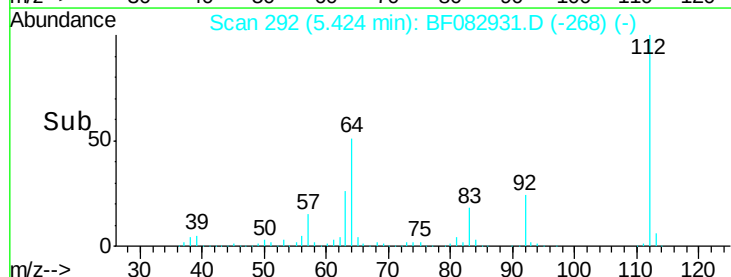
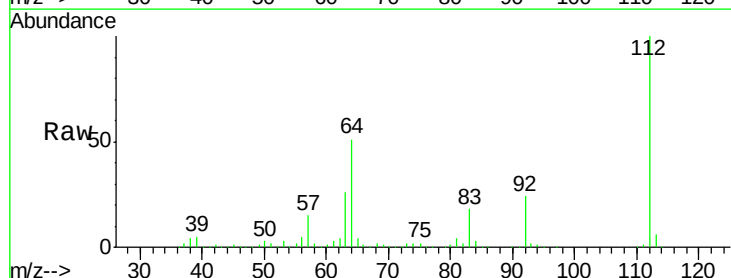
Tgt Ion:112 Resp: 633798

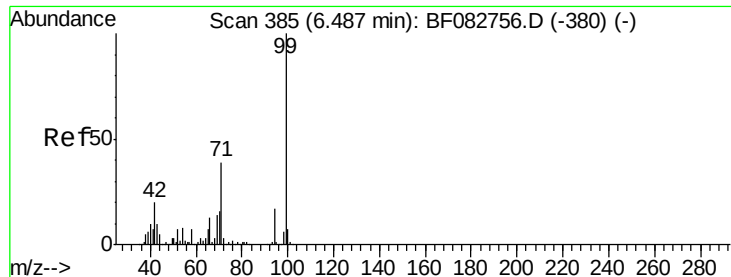
Ion Ratio Lower Upper

112 100

64 51.1 48.9 73.3

63 25.9 28.1 42.1#





#7

Phenol-d6

Concen: 29.83 ng

RT: 6.45 min Scan# 382

Delta R.T. -0.02 min

Lab File: BF082931.D

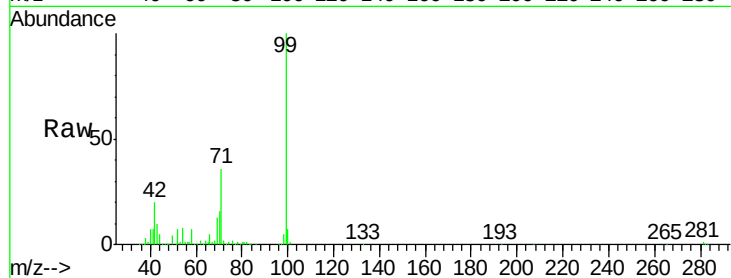
Acq: 14 Nov 2015 8:38

Instrument :

BNA_F

ClientSampleId :

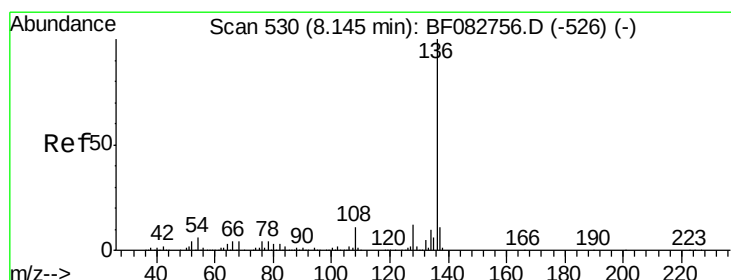
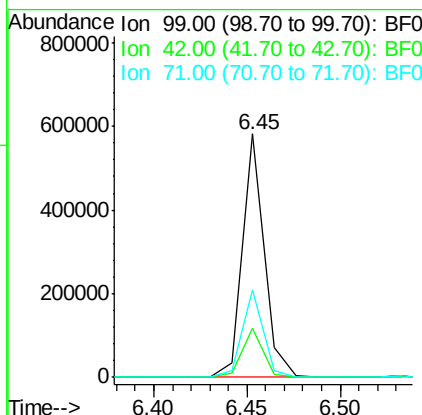
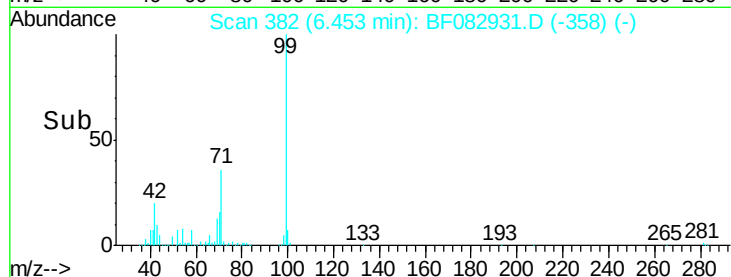
LIBERTY-SF-002



Tgt Ion	Ratio	Lower	Upper
99	100		
42	20.0	19.2	28.8
71	35.8	35.0	52.4

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#21

Naphthalene-d8

Concen: 20.00 ng

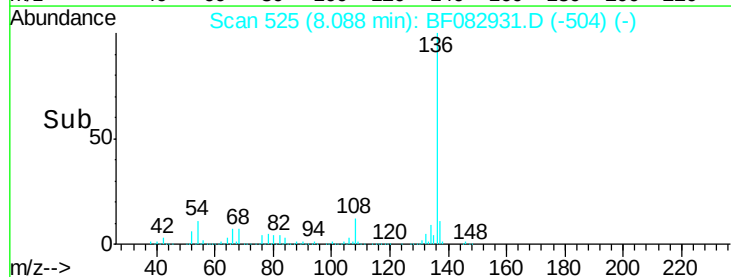
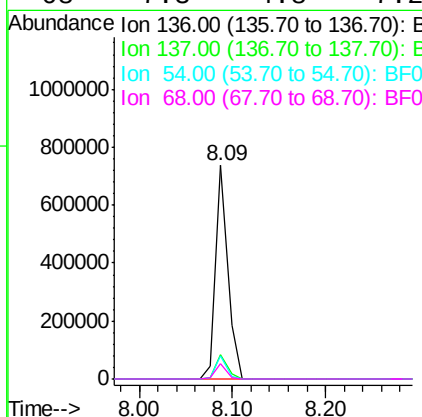
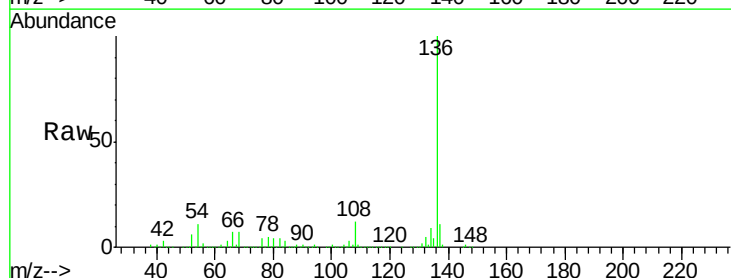
RT: 8.09 min Scan# 525

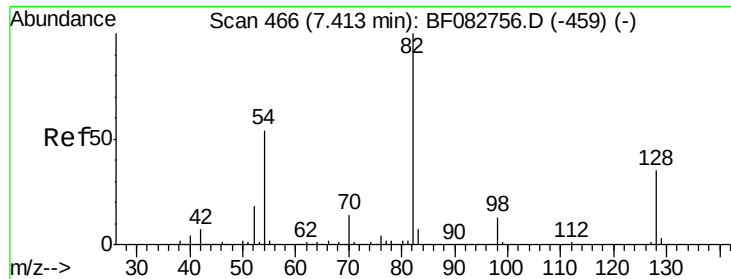
Delta R.T. -0.06 min

Lab File: BF082931.D

Acq: 14 Nov 2015 8:38

Tgt Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.1	13.7
54	10.8	9.1	13.7
68	7.3	4.8	7.2#





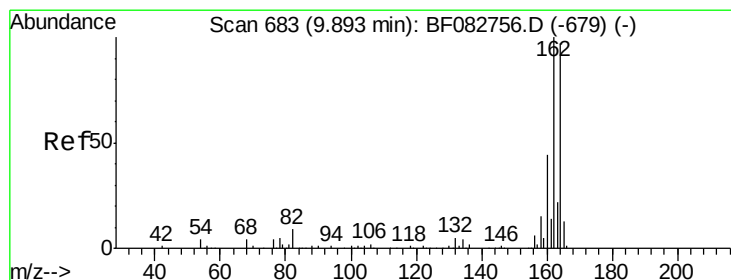
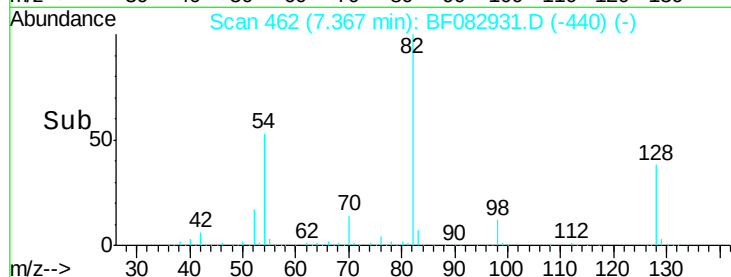
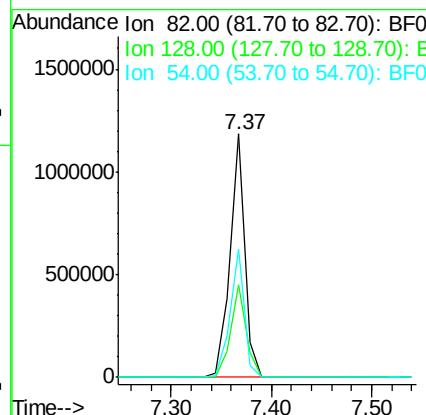
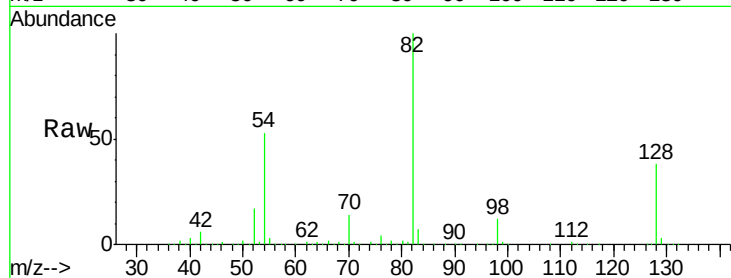
#23
 Nitrobenzene-d5
 Concen: 79.16 ng
 RT: 7.37 min Scan# 462
 Delta R.T. -0.04 min
 Lab File: BF082931.D
 Acq: 14 Nov 2015 8:38

Instrument :
 BNA_F
 ClientSampleId :
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Tgt Ion: 82 Resp: 1210536
 Ion Ratio Lower Upper
 82 100
 128 37.9 26.8 40.2
 54 52.8 45.7 68.5

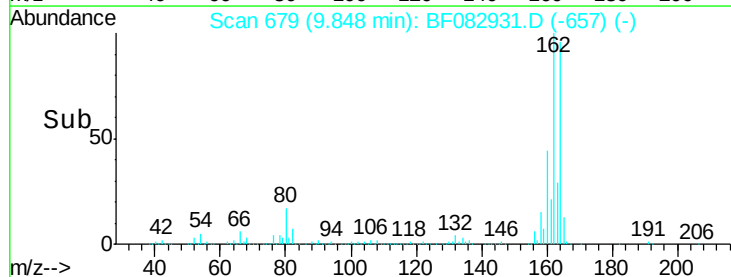
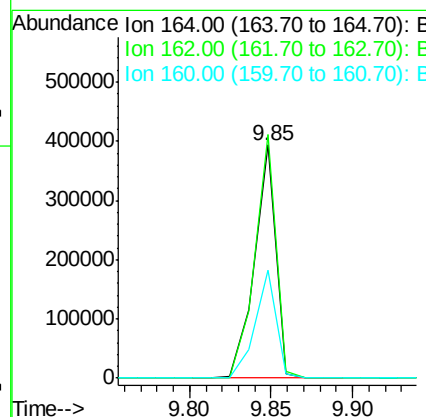
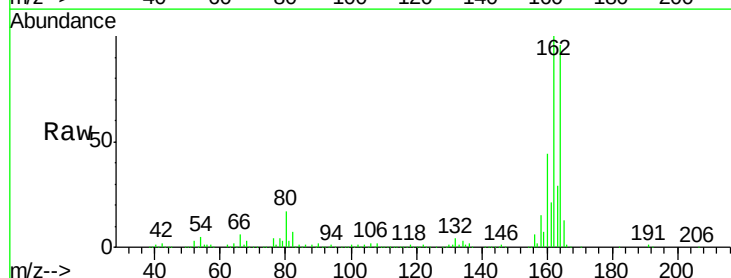
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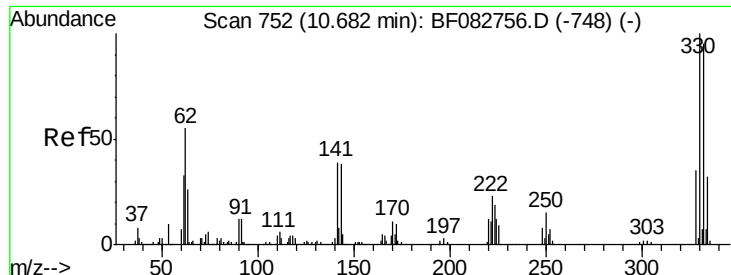
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.85 min Scan# 679
 Delta R.T. -0.05 min
 Lab File: BF082931.D
 Acq: 14 Nov 2015 8:38

Tgt Ion: 164 Resp: 355762
 Ion Ratio Lower Upper
 164 100
 162 104.6 84.9 127.3
 160 46.5 37.5 56.3





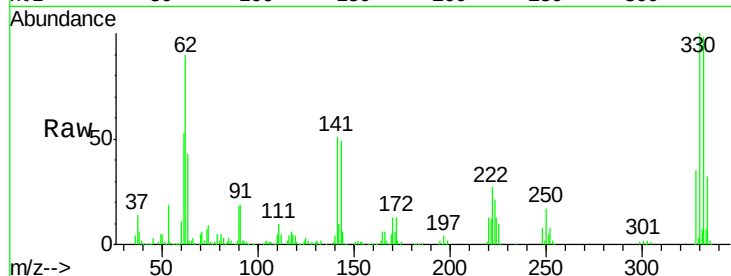
#41
 2,4,6-Tribromophenol
 Concen: 89.70 ng
 RT: 10.64 min Scan# 748
 Delta R.T. -0.04 min
 Lab File: BF082931.D
 Acq: 14 Nov 2015 8:38

Instrument :
 BNA_F
 ClientSampleId :
 LIBERTY-SF-002

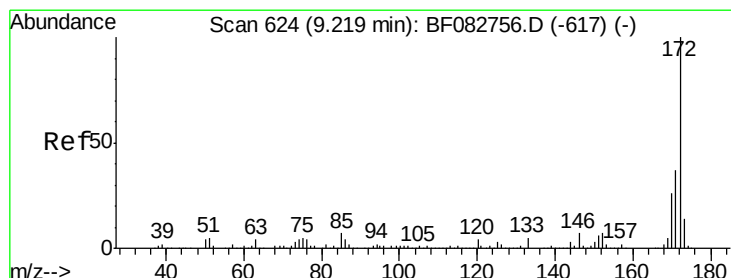
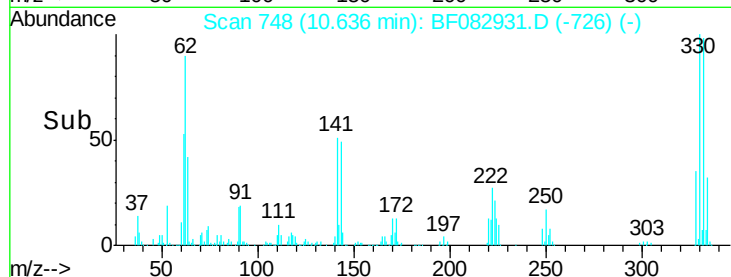
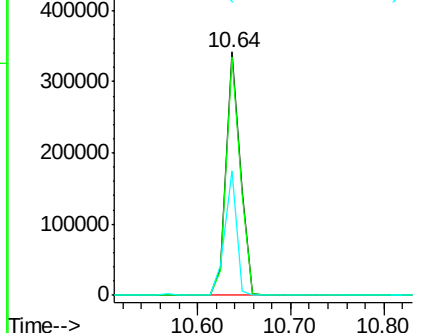
Tgt Ion	Ratio	Resp	Lower	Upper
330	100	365881		
332	96.8	76.6	114.8	
141	42.5	41.2	61.8	

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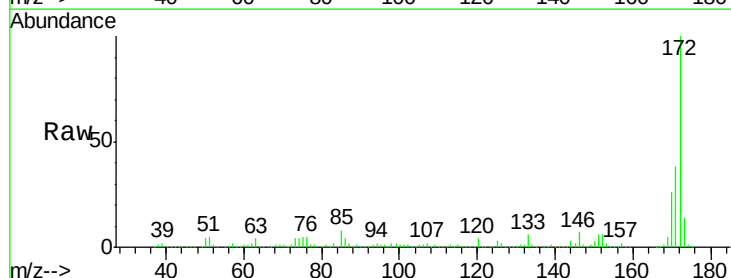


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

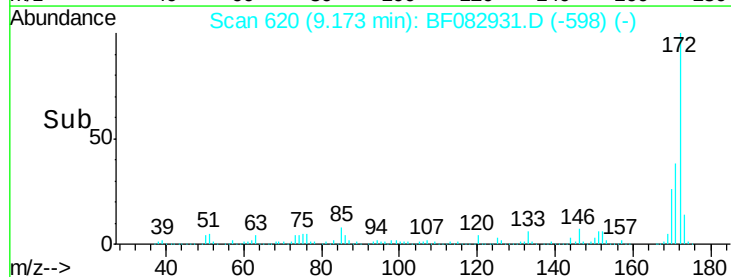
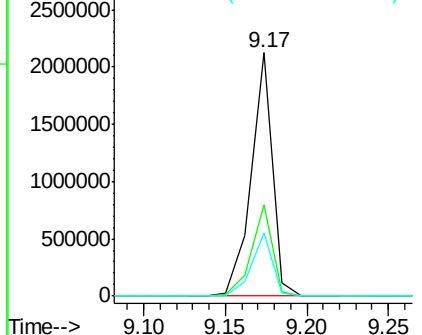


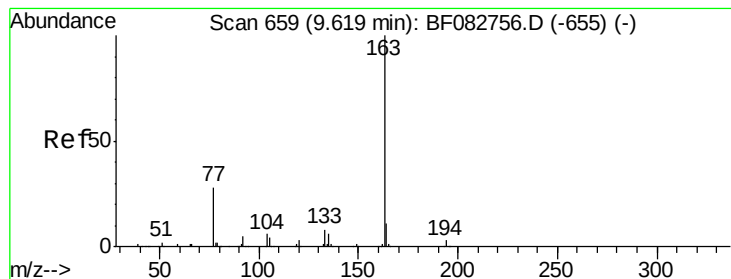
#44
 2-Fluorobiphenyl
 Concen: 77.38 ng
 RT: 9.17 min Scan# 620
 Delta R.T. -0.05 min
 Lab File: BF082931.D
 Acq: 14 Nov 2015 8:38

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1920732		
171	37.5	30.8	46.2	
170	25.8	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: 4.88 ng

RT: 9.56 min Scan# 654

Delta R.T. -0.06 min

Lab File: BF082931.D

Acq: 14 Nov 2015 8:38

Instrument :

BNA_F

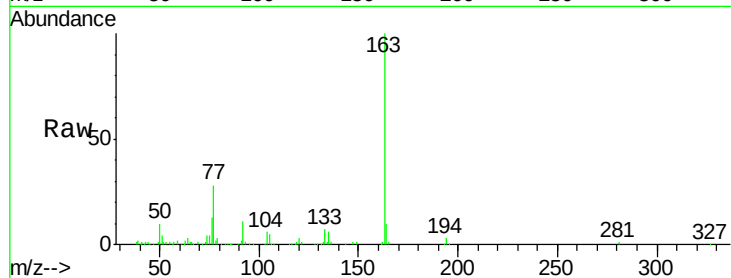
ClientSampleId :

LIBERTY-SF-002

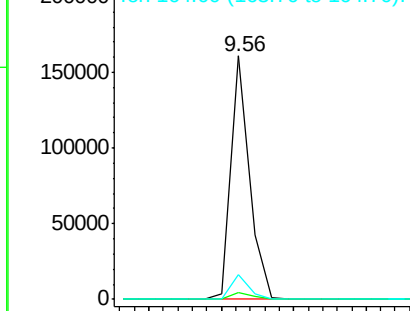
Tgt	Ion	Resp	Lower	Upper
163	100			
194	2.7	2.6	4.0	
164	10.1	8.7	13.1	

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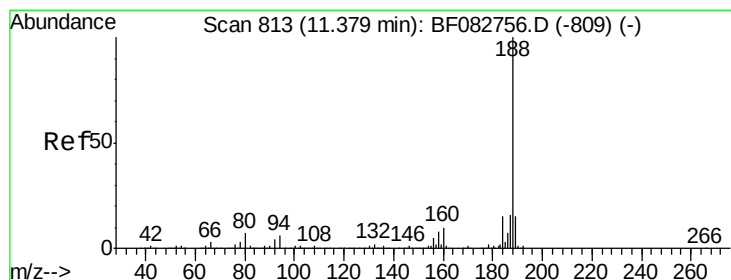
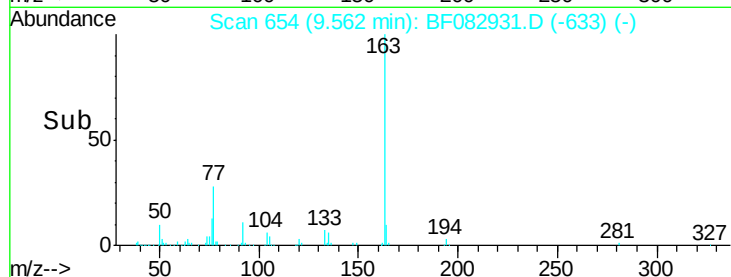
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Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E



Time-->



#63

Phenanthrene-d10

Concen: 20.00 ng

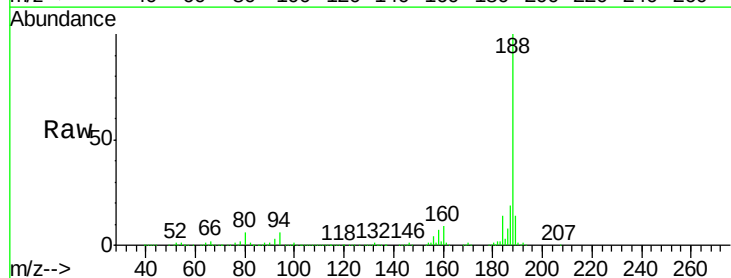
RT: 11.33 min Scan# 809

Delta R.T. -0.05 min

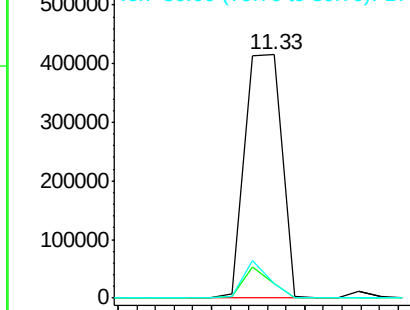
Lab File: BF082931.D

Acq: 14 Nov 2015 8:38

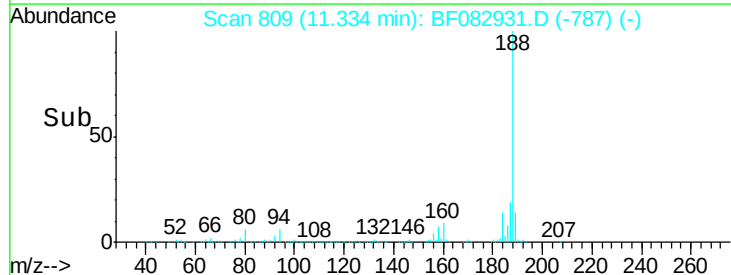
Tgt	Ion	Resp	Lower	Upper
188	100			
94	5.8	6.1	9.1#	
80	5.7	7.0	10.6#	

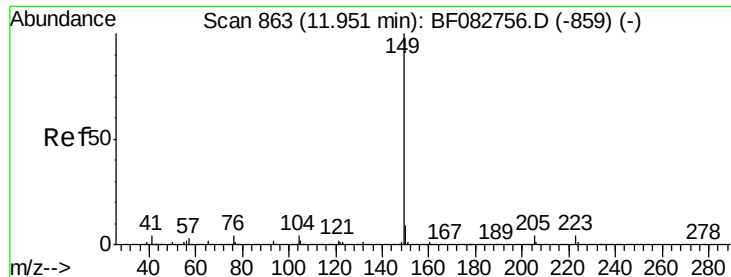


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0



Time-->





#73

Di-n-butylphthalate

Concen: 3.56 ng

RT: 11.89 min Scan# 858

Delta R.T. -0.06 min

Lab File: BF082931.D

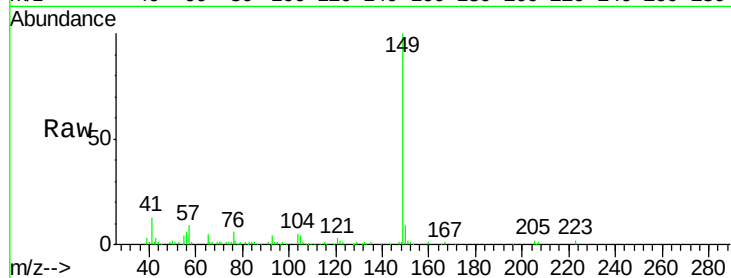
Acq: 14 Nov 2015 8:38

Instrument :

BNA_F

ClientSampleId :

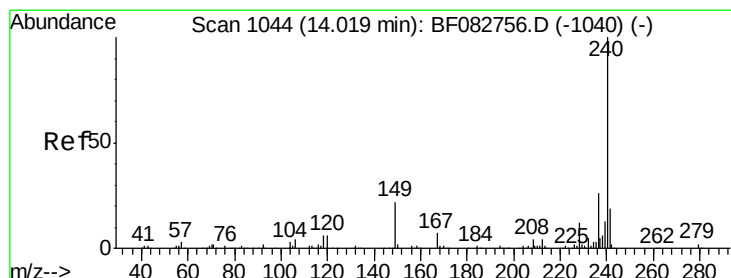
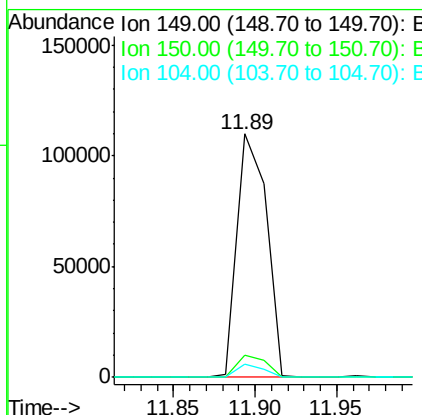
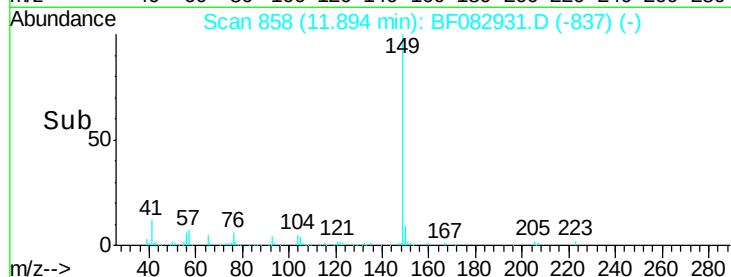
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Tgt Ion	Ratio	Resp	Lower	Upper
149	100	137212		
150	9.2	8.1	12.1	
104	5.4	5.2	7.8	

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#75

Chrysene-d12

Concen: 20.00 ng

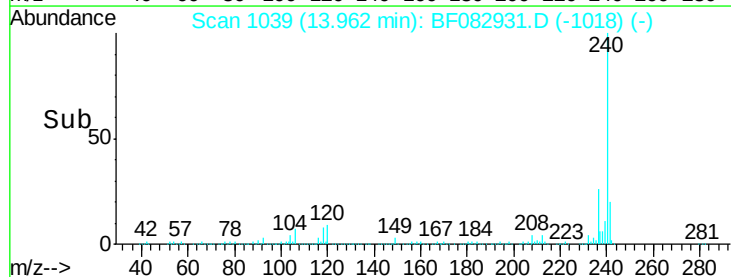
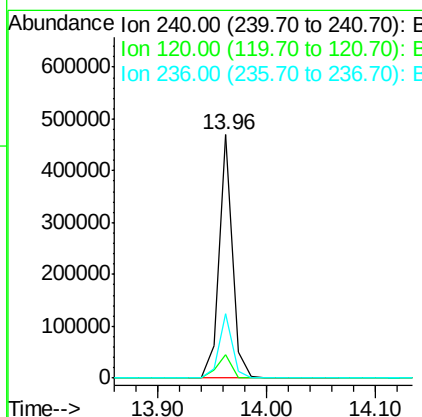
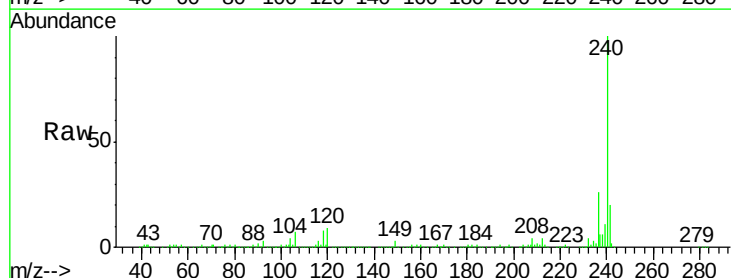
RT: 13.96 min Scan# 1039

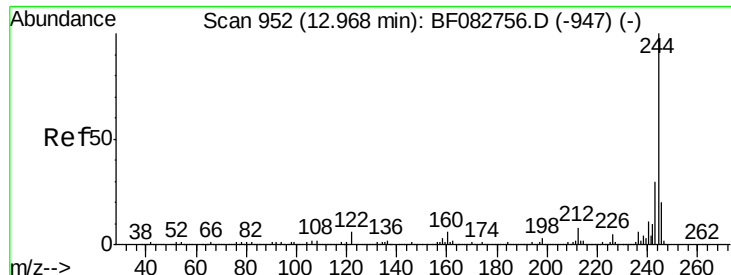
Delta R.T. -0.06 min

Lab File: BF082931.D

Acq: 14 Nov 2015 8:38

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	406026		
120	9.5	10.9	16.3#	
236	26.3	21.6	32.4	





#78

Terphenyl-d14

Concen: 100.53 ng

RT: 12.92 min Scan# 948

Delta R.T. -0.04 min

Lab File: BF082931.D

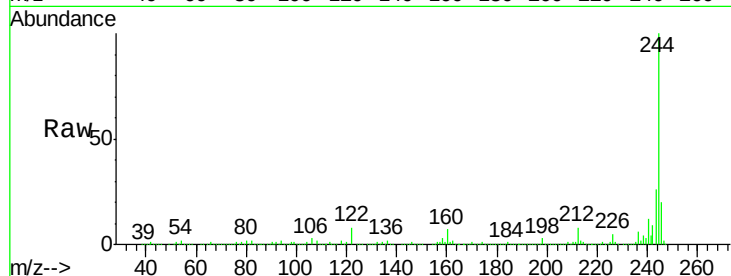
Acq: 14 Nov 2015 8:38

Instrument :

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ClientSampleId :

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Tgt Ion:244 Resp: 1721016

Ion Ratio Lower Upper

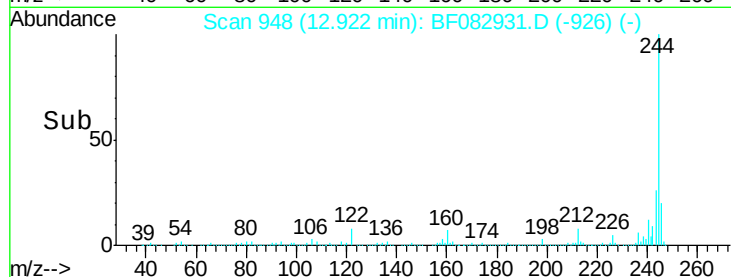
244 100

212 7.7 7.6 11.4

122 8.1 11.3 16.9#

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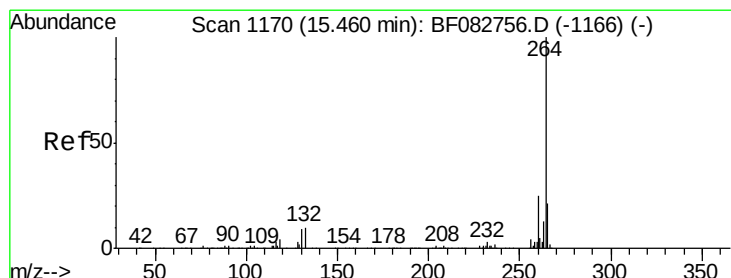
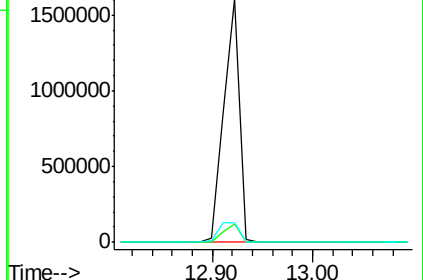
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Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.38 min Scan# 1163

Delta R.T. -0.08 min

Lab File: BF082931.D

Acq: 14 Nov 2015 8:38

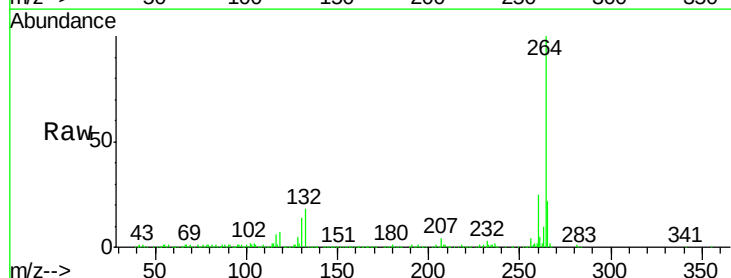
Tgt Ion:264 Resp: 409663

Ion Ratio Lower Upper

264 100

260 24.7 19.8 29.6

265 22.2 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

