

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102215\
 Data File : BF082467.D
 Acq On : 23 Oct 2015 1:49
 Operator : UM/IZ
 Sample : G4119-18
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB15-08-22.5-23

Manual Integrations
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Quant Time: Oct 23 04:11:04 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF101015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 21 13:20:24 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	129476m	20.00	ng	-0.01
21) Naphthalene-d8	8.06	136	500318	20.00	ng	-0.01
38) Acenaphthene-d10	9.81	164	228929	20.00	ng	-0.01
63) Phenanthrene-d10	11.29	188	380990	20.00	ng	-0.01
75) Chrysene-d12	13.96	240	329889	20.00	ng	-0.06
86) Perylene-d12	15.43	264	243179	20.00	ng	-0.10
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	551791	86.01	ng	0.01
7) Phenol-d6	6.42	99	742836	88.98	ng	0.00
23) Nitrobenzene-d5	7.34	82	461798	61.98	ng	-0.01
41) 2,4,6-Tribromophenol	10.61	330	136147	63.41	ng	-0.01
44) 2-Fluorobiphenyl	9.13	172	785498	56.90	ng	-0.01
78) Terphenyl-d14	12.89	244	589703	47.37	ng	-0.01
Target Compounds						
32) Benzoic acid	7.82	122	17790	4.09	ng	94
49) Dimethylphthalate	9.53	163	253845	15.75	ng	99

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

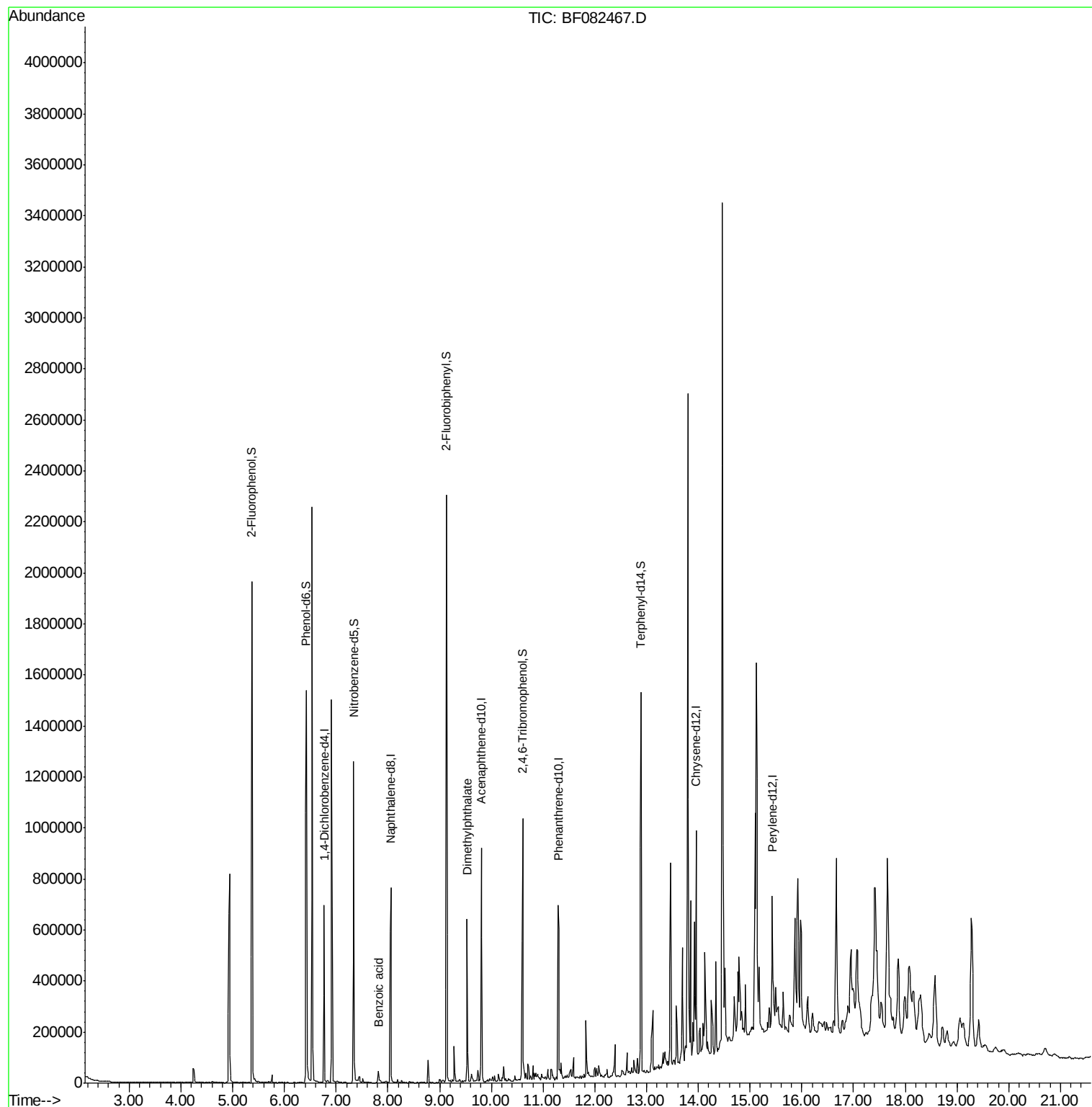
Data Path : Z:\HPCHEM1\BNA F\DATA\BF102215\
Data File : BF082467.D
Acq On : 23 Oct 2015 1:49
Operator : UM/IZ
Sample : G4119-18
Misc :
ALS Vial : 22 Sample Multiplier: 1

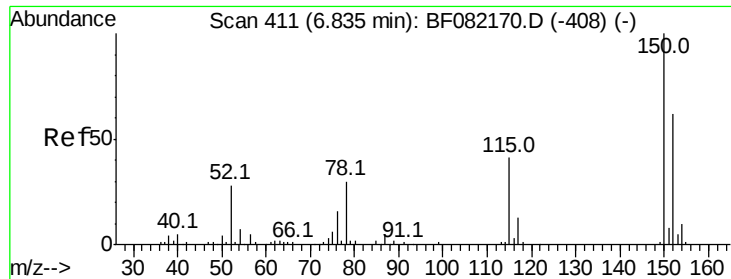
Instrument :
BNA_F
ClientSampleId :
SB15-08-22.5-23

Quant Time: Oct 23 04:11:04 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF101015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 21 13:20:24 2015
Response via : Initial Calibration

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#1

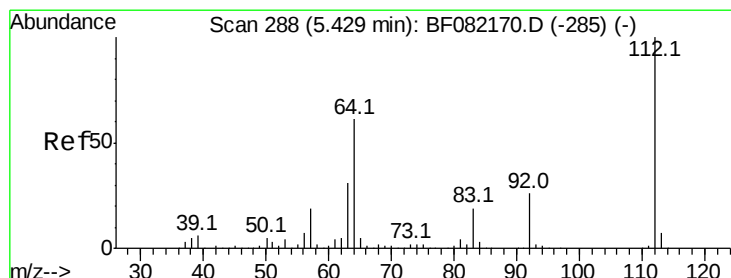
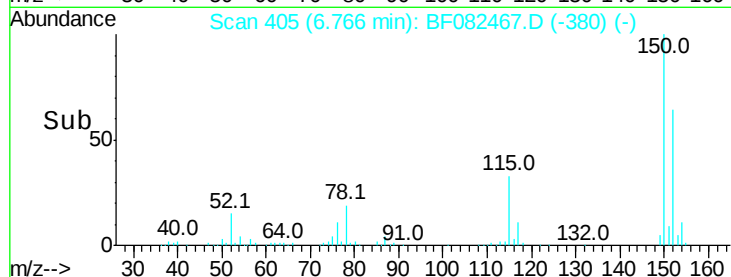
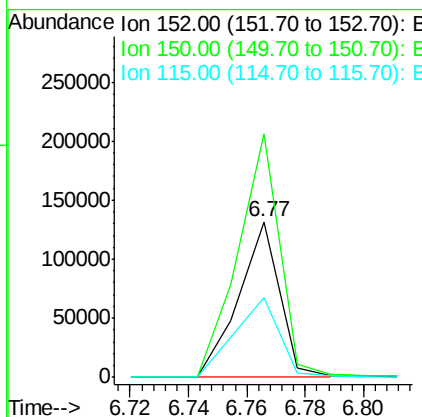
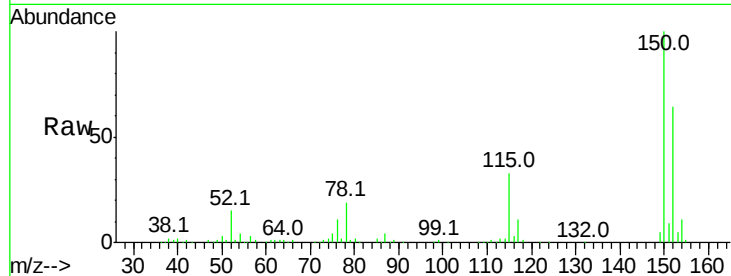
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng/mL
 RT: 6.77 min Scan# 405
 Delta R.T. -0.01 min
 Lab File: BF082467.D
 Acq: 23 Oct 2015 1:49

Instrument :
 BNA_F
 ClientSampleId :
 SB15-08-22.5-23

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.5	129.0	193.4
115	51.0	52.1	78.1#

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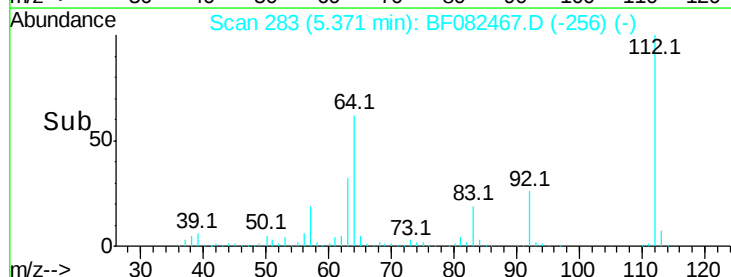
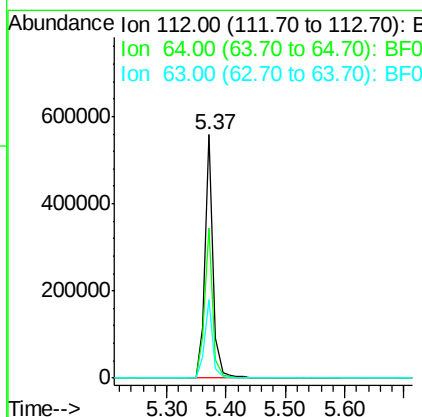
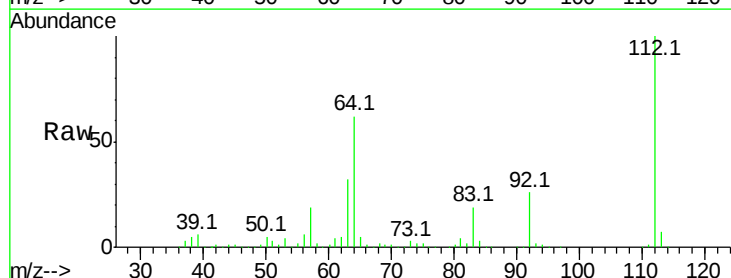
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#5

2-Fluorophenol
 Concen: 86.01 ng
 RT: 5.37 min Scan# 283
 Delta R.T. 0.01 min
 Lab File: BF082467.D
 Acq: 23 Oct 2015 1:49

Tgt Ion	Ratio	Lower	Upper
112	100		
64	61.5	48.6	73.0
63	32.3	25.1	37.7





#7

Phenol-d6

Concen: 88.98 ng

RT: 6.42 min Scan# 375

Delta R.T. -0.00 min

Lab File: BF082467.D

Acq: 23 Oct 2015 1:49

Instrument :

BNA_F

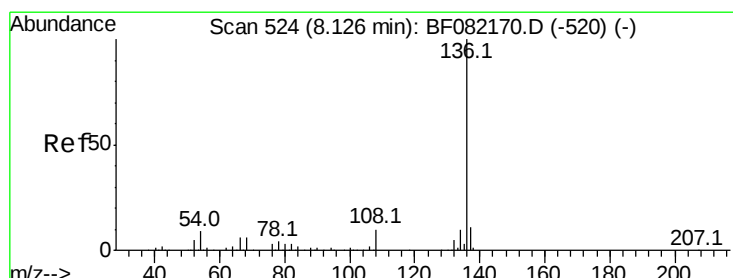
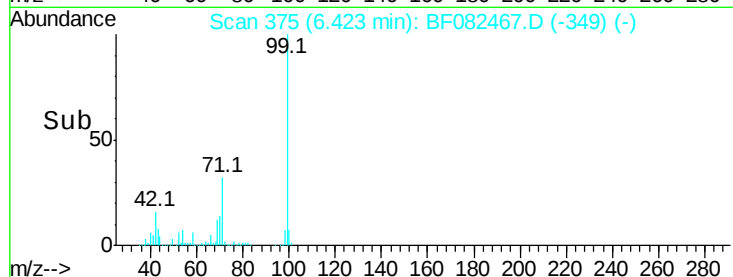
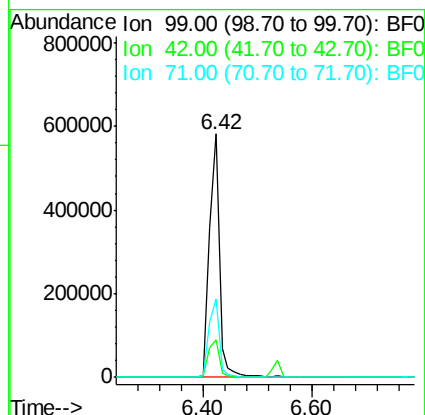
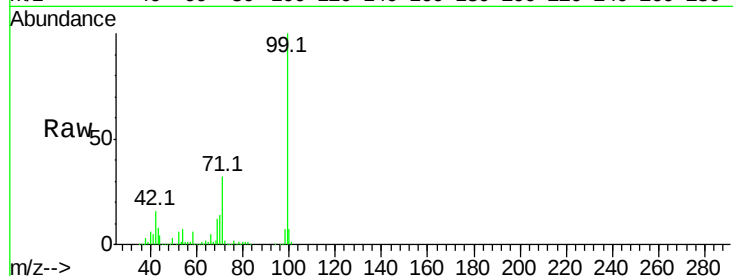
ClientSampleId :

SB15-08-22.5-23

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		742836		
42	15.6	13.2	19.8		
71	32.3	25.6	38.4		

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#21

Naphthalene-d8

Concen: 20.00 ng

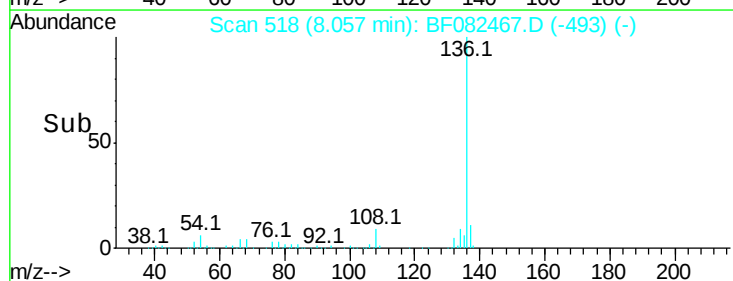
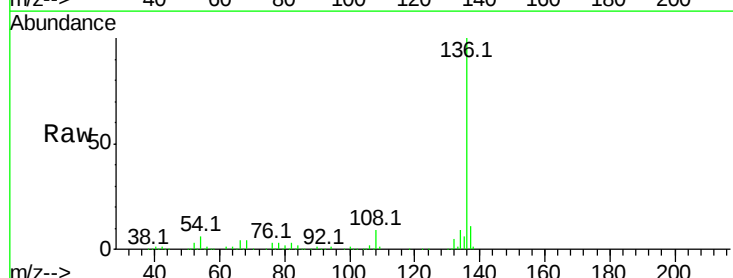
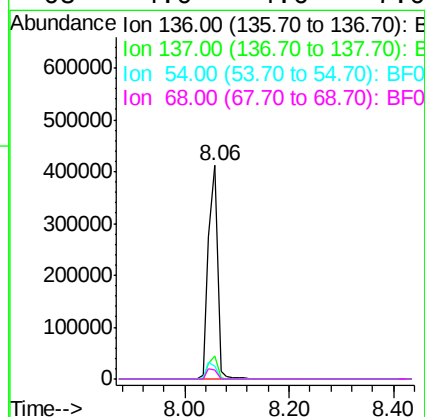
RT: 8.06 min Scan# 518

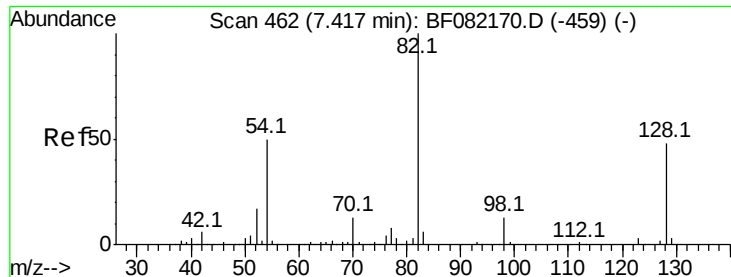
Delta R.T. -0.01 min

Lab File: BF082467.D

Acq: 23 Oct 2015 1:49

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
136	100		500318		
137	10.7	9.0	13.6		
54	5.8	7.5	11.3#		
68	4.0	4.6	7.0#		





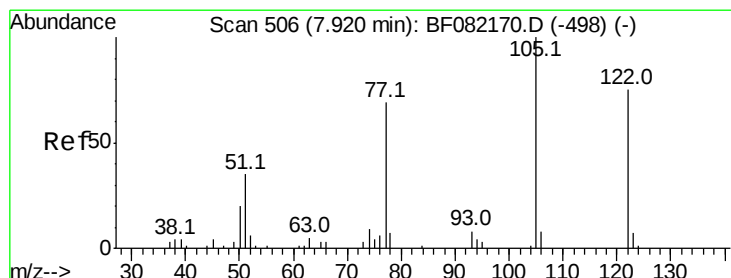
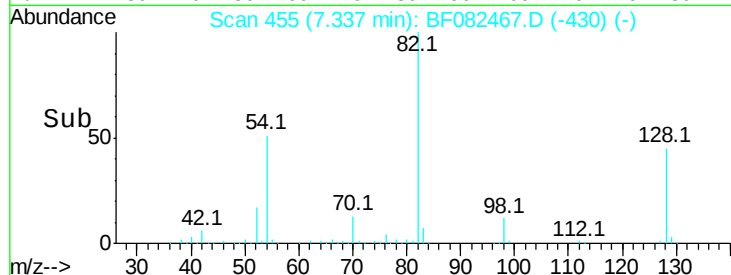
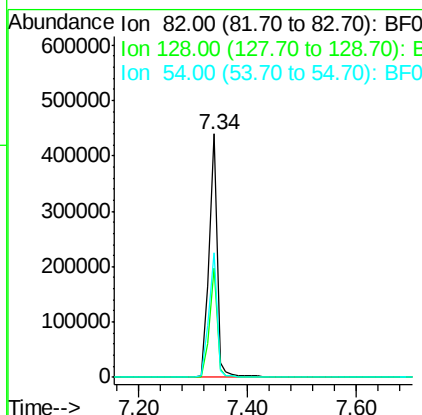
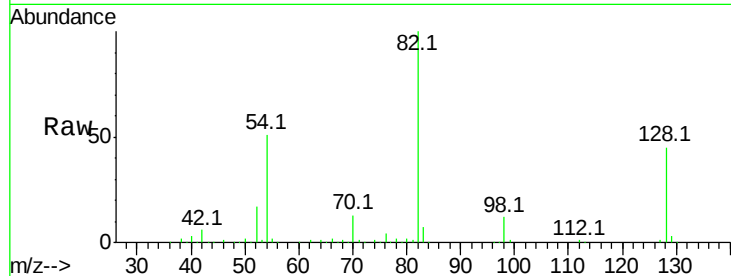
#23
 Nitrobenzene-d5
 Concen: 61.98 ng
 RT: 7.34 min Scan# 455
 Delta R.T. -0.01 min
 Lab File: BF082467.D
 Acq: 23 Oct 2015 1:49

Instrument :
 BNA_F
 ClientSampleId :
 SB15-08-22.5-23

Tot Ion	Ratio	Lower	Upper
82	100		
128	44.8	38.7	58.1
54	51.1	40.1	60.1

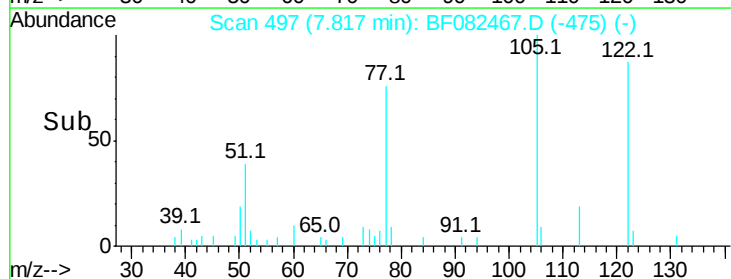
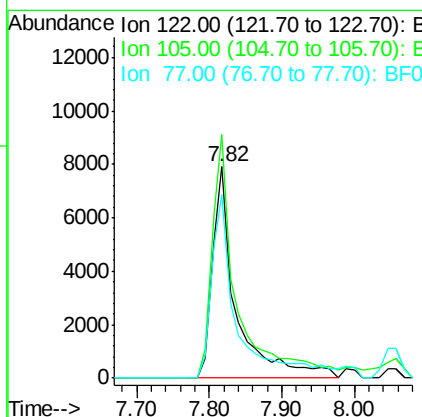
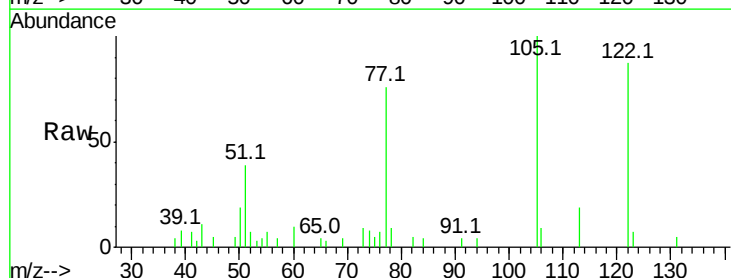
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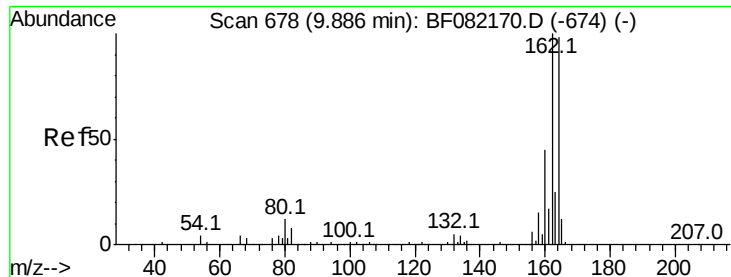
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#32
 Benzoic acid
 Concen: 4.09 ng
 RT: 7.82 min Scan# 497
 Delta R.T. -0.05 min
 Lab File: BF082467.D
 Acq: 23 Oct 2015 1:49

Tgt Ion	Ratio	Lower	Upper
122	100		
105	115.2	104.4	144.4
77	87.0	69.0	109.0





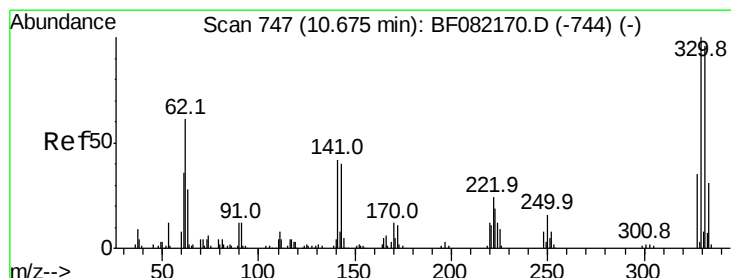
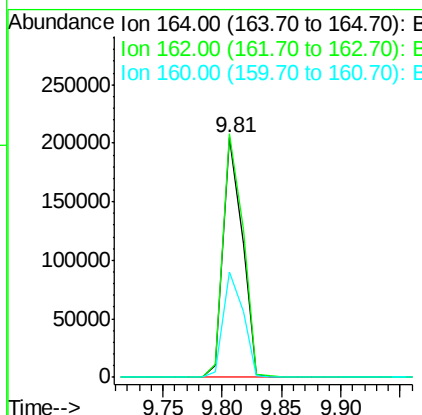
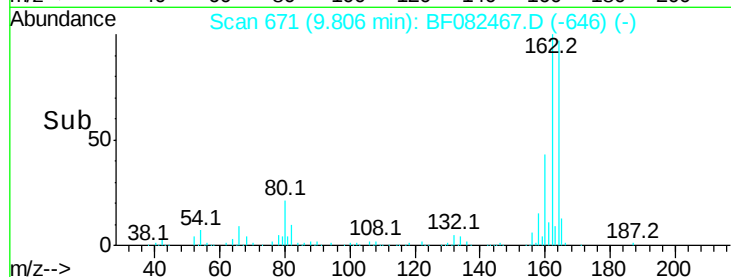
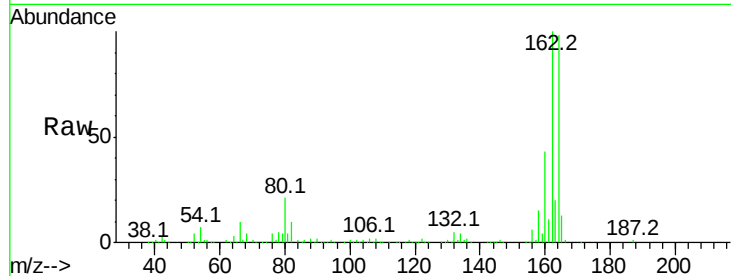
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.81 min Scan# 671
Delta R.T. -0.01 min
Lab File: BF082467.D
Acq: 23 Oct 2015 1:49

Instrument :
BNA_F
ClientSampleId :
SB15-08-22.5-23

Tot Ion	Ratio	Resp	Lower	Upper
164	100	228929		
162	101.7		81.6	122.4
160	44.1		36.4	54.6

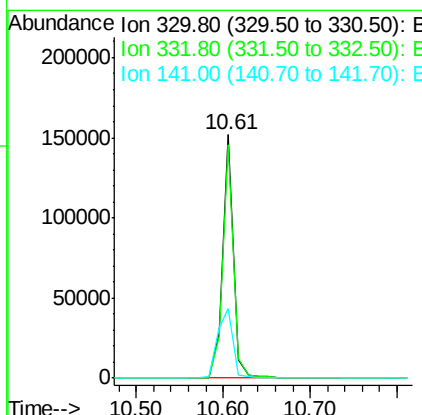
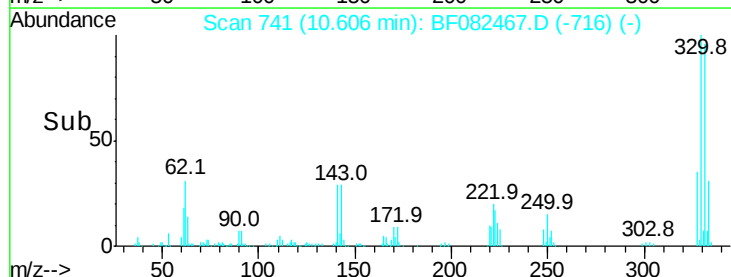
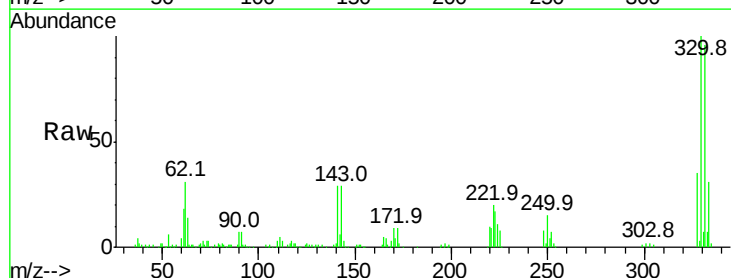
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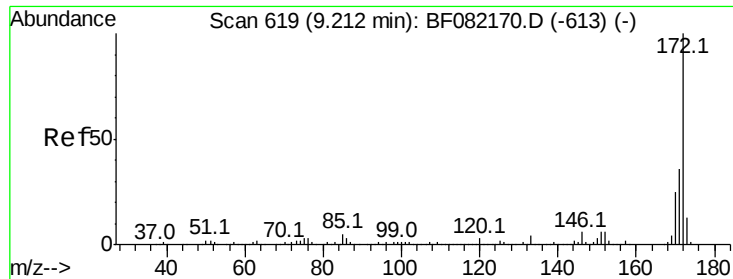
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#41
2,4,6-Tribromophenol
Concen: 63.41 ng
RT: 10.61 min Scan# 741
Delta R.T. -0.01 min
Lab File: BF082467.D
Acq: 23 Oct 2015 1:49

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	136147		
332	95.7		77.1	115.7
141	41.1		29.8	44.8





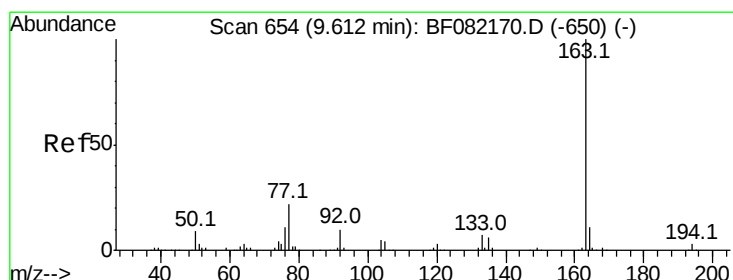
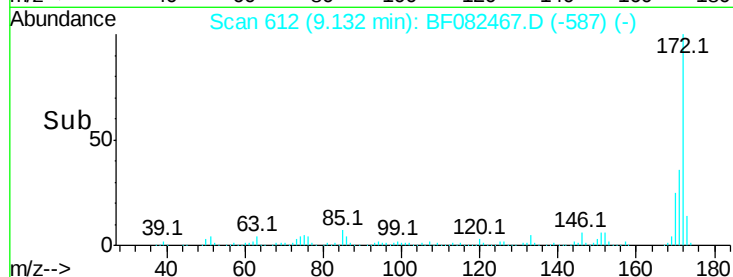
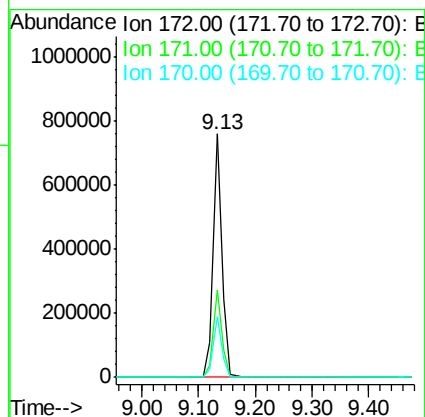
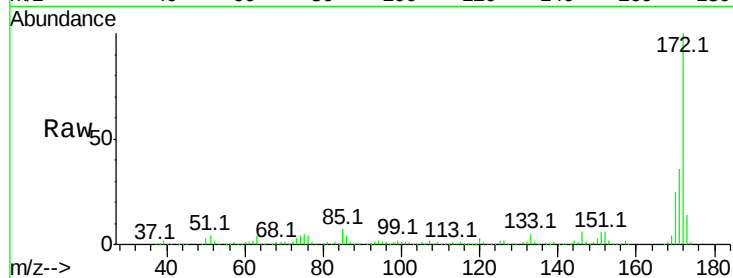
#44
2-Fluorobiphenyl
Concen: 56.90 ng
RT: 9.13 min Scan# 612
Delta R.T. -0.01 min
Lab File: BF082467.D
Acq: 23 Oct 2015 1:49

Instrument :
BNA_F
ClientSampleId :
SB15-08-22.5-23

Tot Ion	Ratio	Resp	Lower	Upper
172	100			
171	35.9	28.6	42.8	
170	24.7	19.7	29.5	

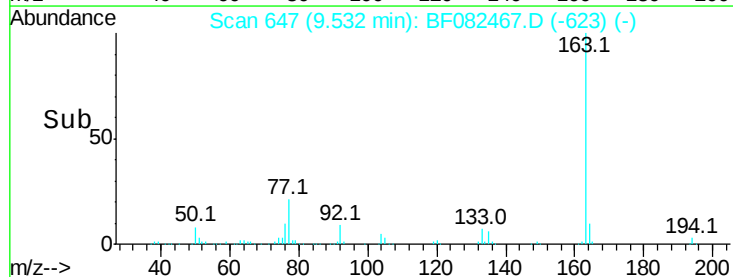
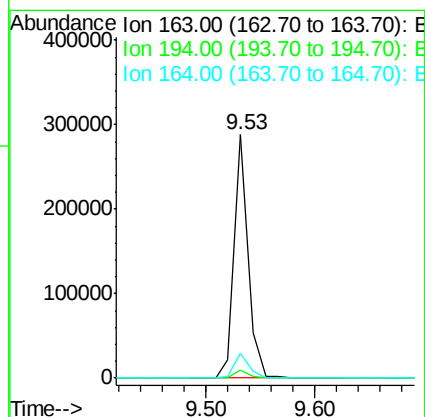
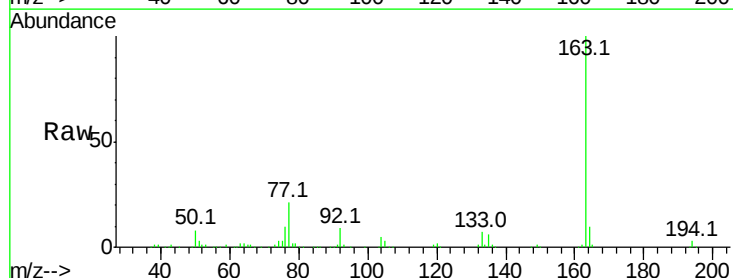
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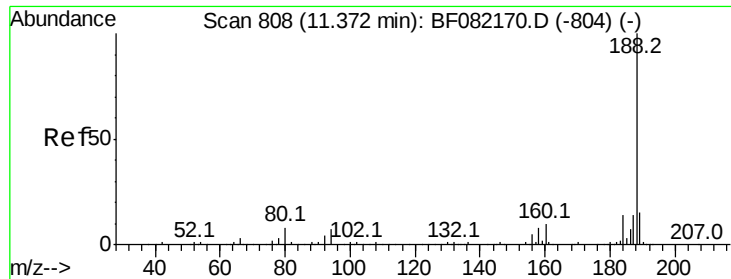
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#49
Dimethylphthalate
Concen: 15.75 ng
RT: 9.53 min Scan# 647
Delta R.T. -0.02 min
Lab File: BF082467.D
Acq: 23 Oct 2015 1:49

Tgt Ion	Ratio	Resp	Lower	Upper
163	100			
194	3.3	2.6	4.0	
164	10.2	8.5	12.7	





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.29 min Scan# 801

Delta R.T. -0.01 min

Lab File: BF082467.D

Acq: 23 Oct 2015 1:49

Instrument :

BNA_F

ClientSampleId :

SB15-08-22.5-23

Tot Ion:188 Resp: 380990
Ion Ratio Lower Upper

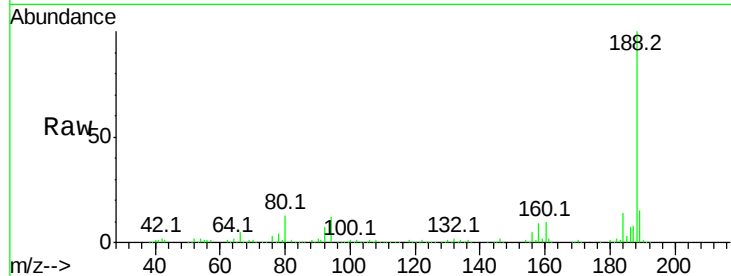
188 100

94 11.6 5.8 8.6#

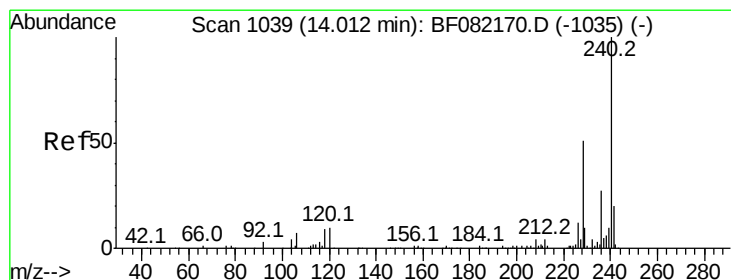
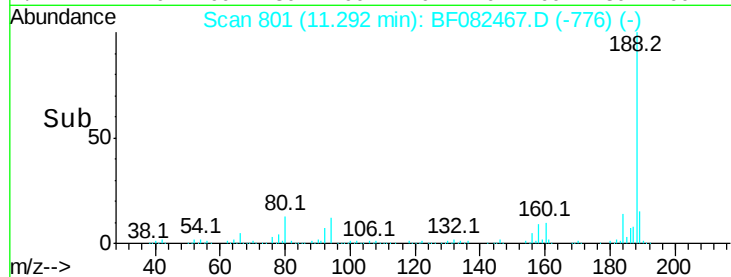
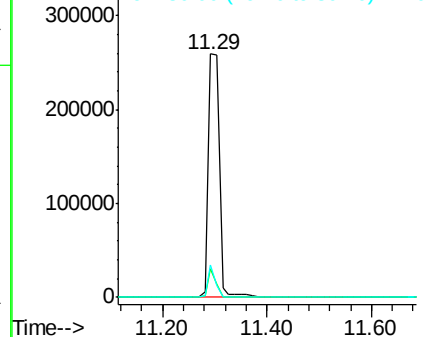
80 13.1 6.4 9.6#

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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: 13.96 min Scan# 1034

Delta R.T. -0.06 min

Lab File: BF082467.D

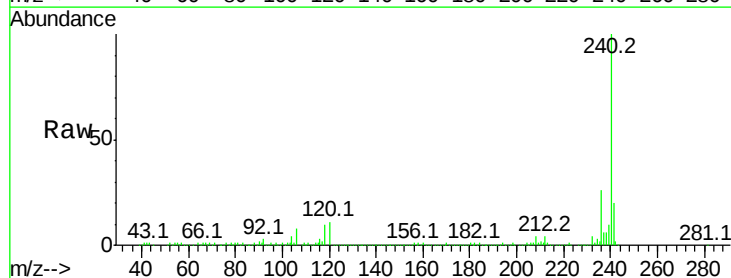
Acq: 23 Oct 2015 1:49

Tgt Ion:240 Resp: 329889
Ion Ratio Lower Upper

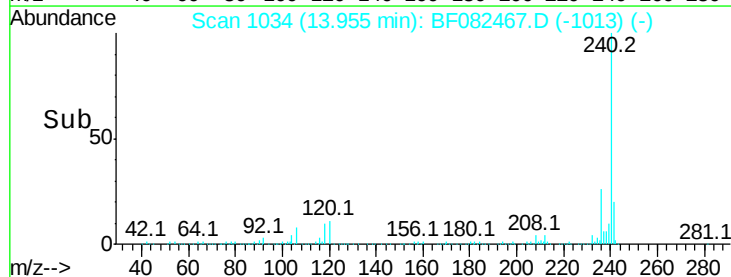
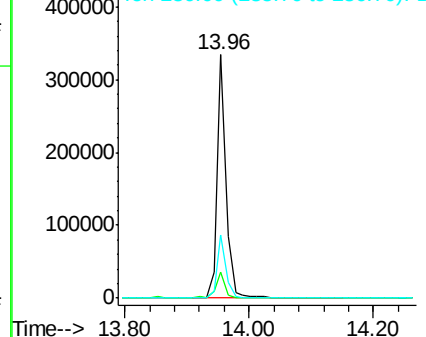
240 100

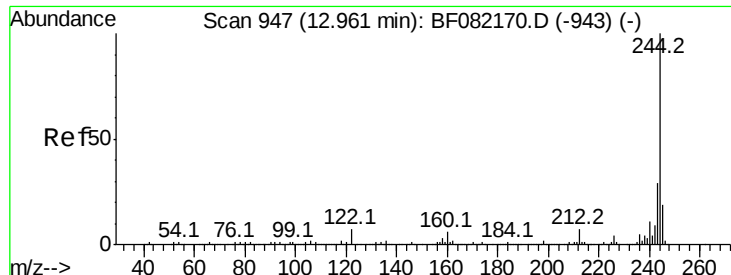
120 10.9 8.1 12.1

236 25.7 21.3 31.9



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





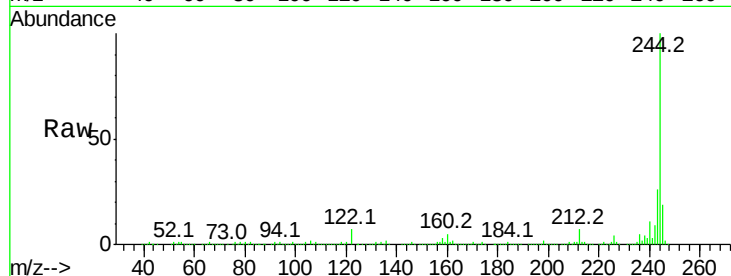
#78
 Terphenyl-d14
 Concen: 47.37 ng
 RT: 12.89 min Scan# 941
 Delta R.T. -0.01 min
 Lab File: BF082467.D
 Acq: 23 Oct 2015 1:49

Instrument :
 BNA_F
 ClientSampleId :
 SB15-08-22.5-23

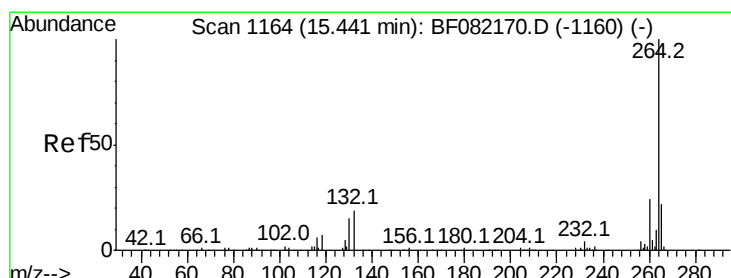
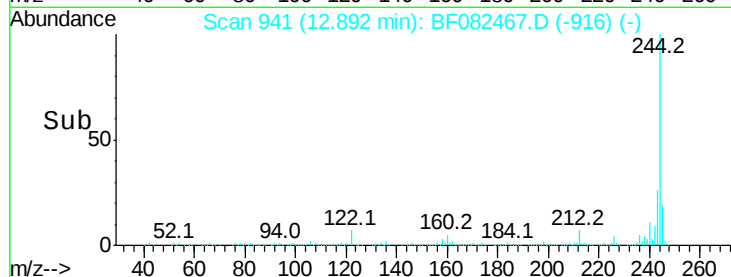
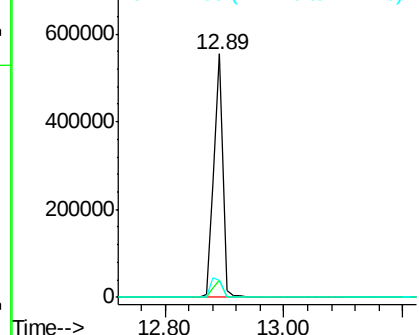
Tot Ion	Ratio	Resp Lower	Upper
244	100		
212	7.0	5.8	8.6
122	6.8	5.9	8.9

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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: 15.43 min Scan# 1163
 Delta R.T. -0.10 min
 Lab File: BF082467.D
 Acq: 23 Oct 2015 1:49

Tgt Ion	Ratio	Resp Lower	Upper
264	100		
260	24.3	19.0	28.6
265	21.7	17.3	25.9

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

