

Data Path : Z:\HPCHEM1\BNA F\DATA\BF110116\
 Data File : BF090963.D
 Acq On : 1 Nov 2016 20:54
 Operator : UM/SJ
 Sample : H5491-02
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-78-0.5-1.0

Manual Integrations
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Quant Time: Nov 02 01:50:11 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102616.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 01 11:53:50 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	170081m	20.00	ng	-0.01
21) Naphthalene-d8	8.02	136	710756	20.00	ng	-0.02
38) Acenaphthene-d10	9.78	164	367337	20.00	ng	-0.01
63) Phenanthrene-d10	11.25	188	527694	20.00	ng	-0.01
75) Chrysene-d12	13.91	240	375565	20.00	ng	0.00
86) Perylene-d12	15.32	264	365776	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	1585544	162.99	ng	0.00
7) Phenol-d6	6.38	99	1868887	142.40	ng	-0.01
23) Nitrobenzene-d5	7.31	82	1356428	124.93	ng	-0.01
41) 2,4,6-Tribromophenol	10.57	330	445727	118.07	ng	-0.01
44) 2-Fluorobiphenyl	9.10	172	1851375	88.50	ng	-0.01
78) Terphenyl-d14	12.85	244	1276055	85.60	ng	0.00
Target Compounds						
10) Phenol	6.40	94	46183m	3.19	ng	Qvalue
49) Dimethylphthalate	9.50	163	513627	20.93	ng	# 97

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

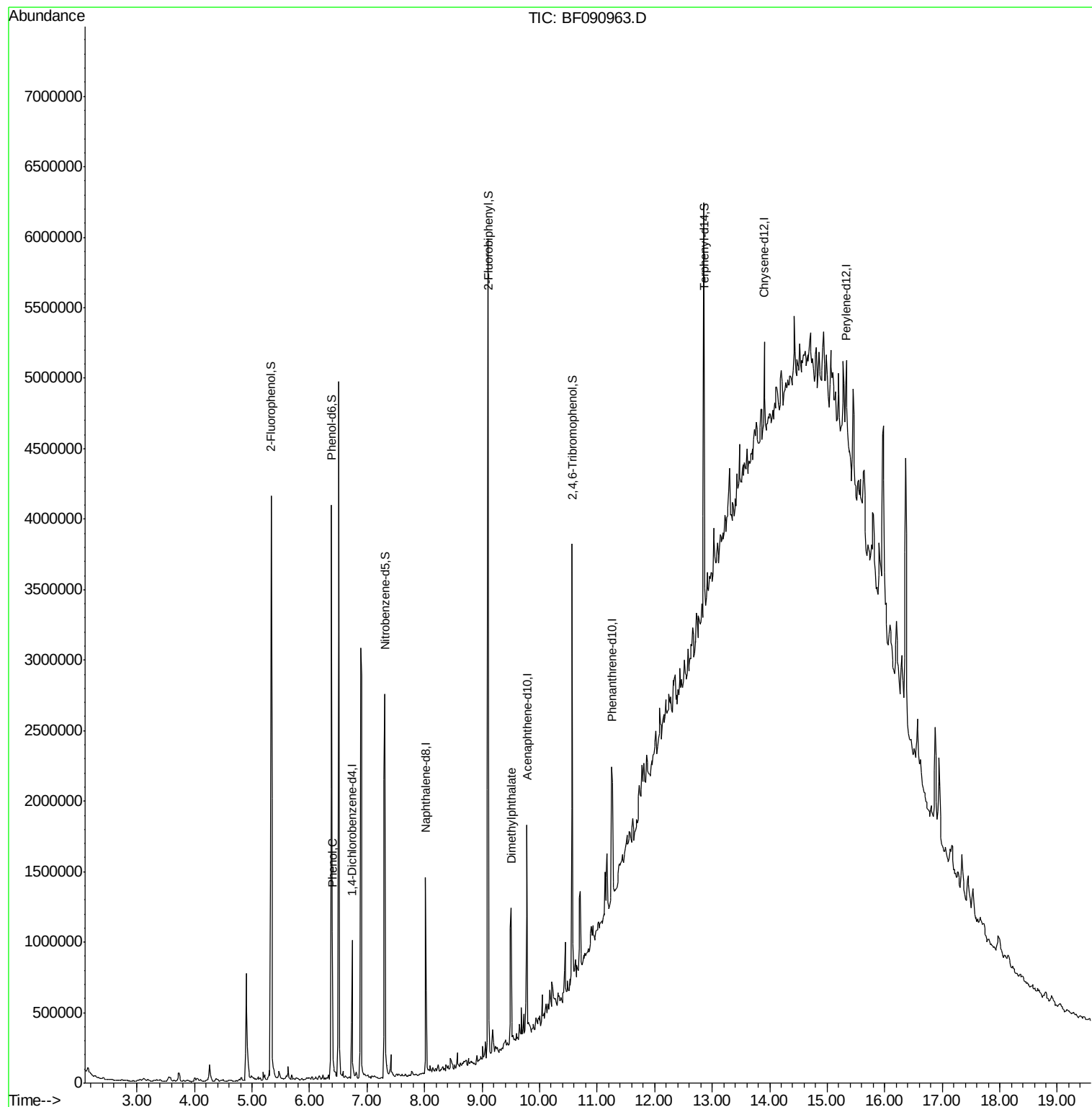
Data Path : Z:\HPCHEM1\BNA F\DATA\BF110116\
Data File : BF090963.D
Acq On : 1 Nov 2016 20:54
Operator : UM/SJ
Sample : H5491-02
Misc :
ALS Vial : 17 Sample Multiplier: 1

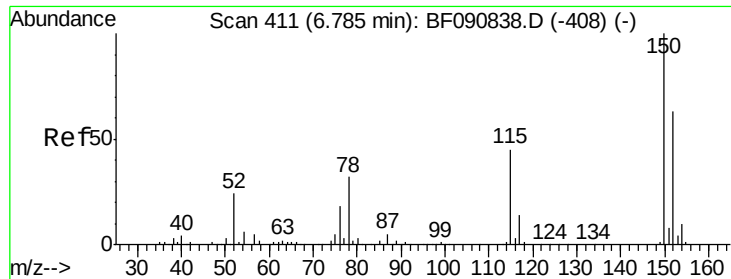
Instrument :
BNA_F
ClientSampleId :
SB-78-0.5-1.0

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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102616.M
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#1

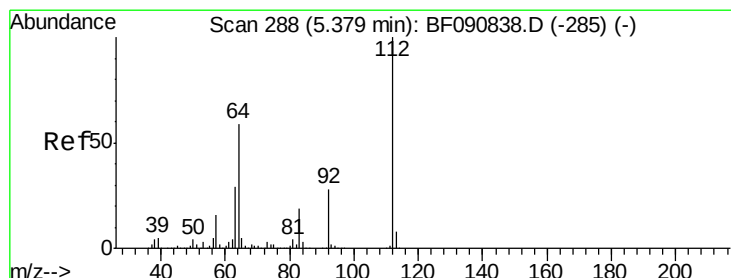
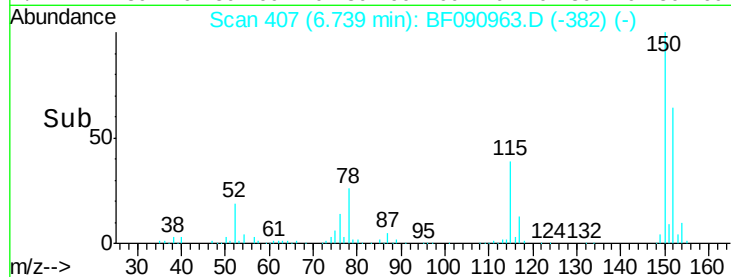
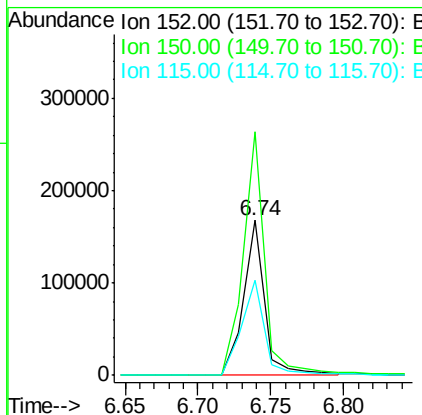
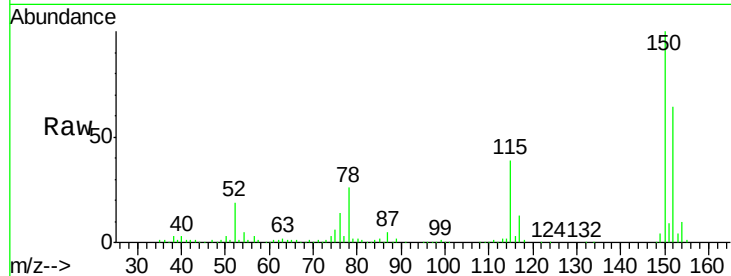
1,4-Dichlorobenzene-d4
Concen: 20.00 ng/ml
RT: 6.74 min Scan# 407
Delta R.T. -0.01 min
Lab File: BF090963.D
Acq: 1 Nov 2016 20:54

Instrument :
BNA_F
ClientSampleId :
SB-78-0.5-1.0

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.0	124.7	187.1
115	61.7	39.0	58.4

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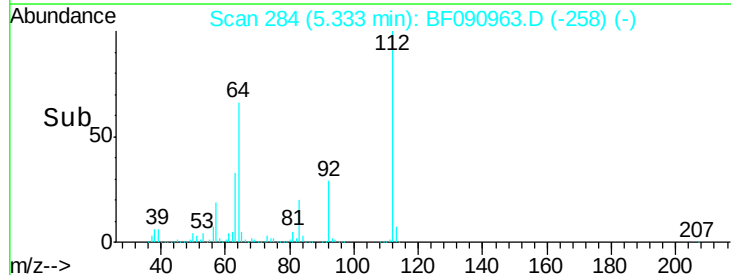
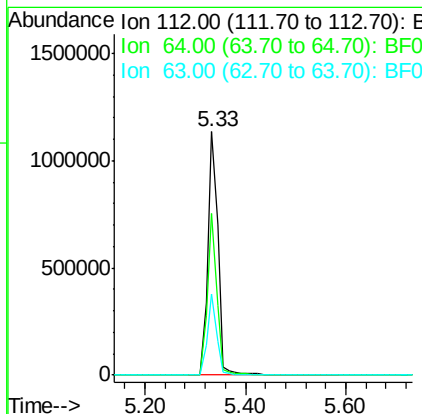
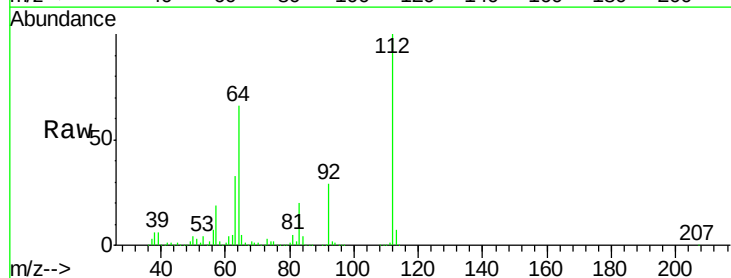
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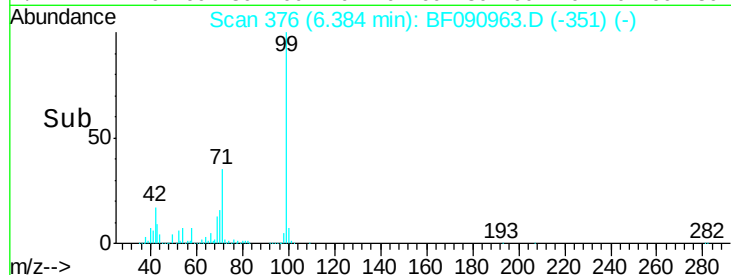
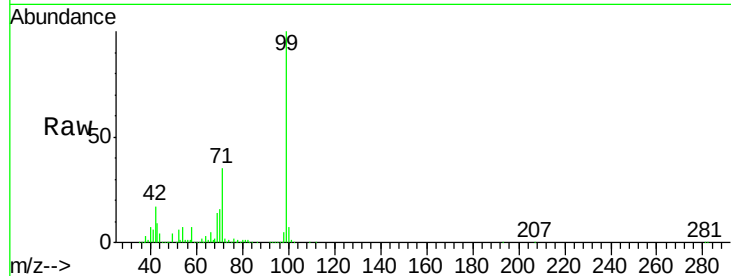
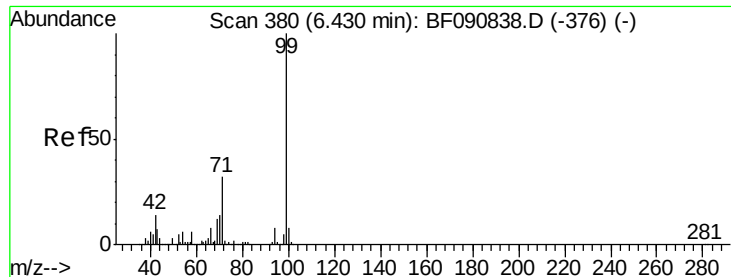


#5

2-Fluorophenol
Concen: 162.99 ng
RT: 5.33 min Scan# 284
Delta R.T. -0.00 min
Lab File: BF090963.D
Acq: 1 Nov 2016 20:54

Tgt Ion	Ratio	Lower	Upper
112	100		
64	66.4	39.7	59.5
63	33.4	17.4	26.0





#7

Phenol-d6

Concen: 142.40 ng

RT: 6.38 min Scan# 376

Delta R.T. -0.01 min

Lab File: BF090963.D

Acq: 1 Nov 2016 20:54

Tot Ion: 99 Resp: 1868887

Ion Ratio Lower Upper

99 100

42 17.4 13.7 20.5

71 35.1 14.2 21.2#

Instrument :

BNA_F

ClientSampleId :

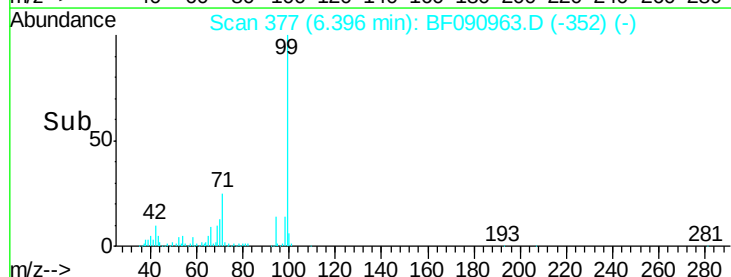
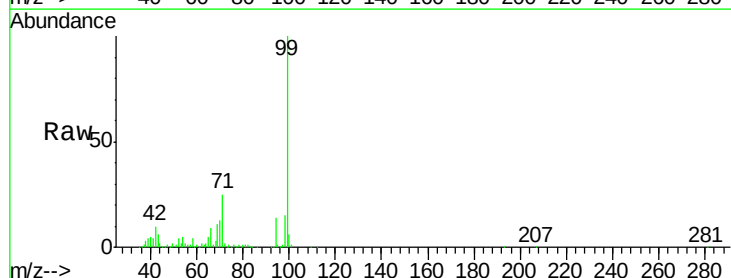
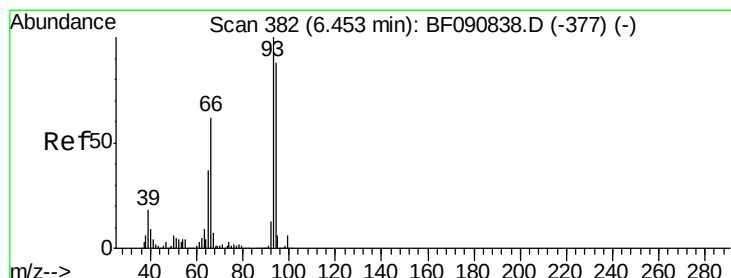
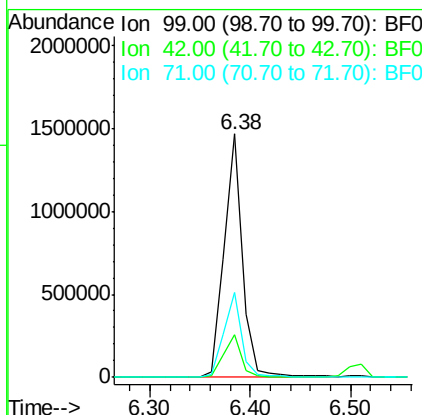
SB-78-0.5-1.0

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#10

Phenol

Concen: 3.19 ng m

RT: 6.40 min Scan# 377

Delta R.T. -0.01 min

Lab File: BF090963.D

Acq: 1 Nov 2016 20:54

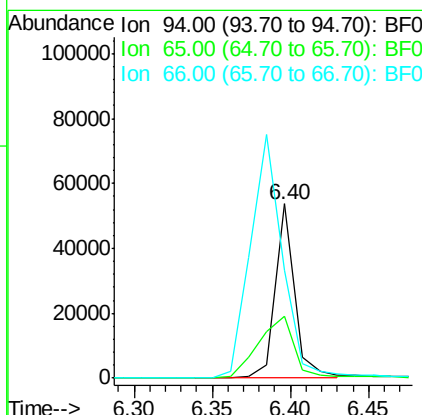
Tgt Ion: 94 Resp: 46183

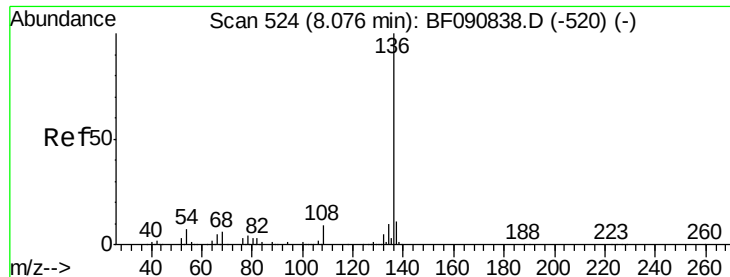
Ion Ratio Lower Upper

94 100

65 35.2 0.7 40.7

66 61.9 0.8 40.8#





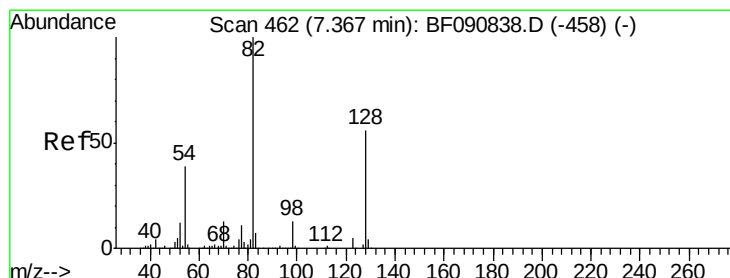
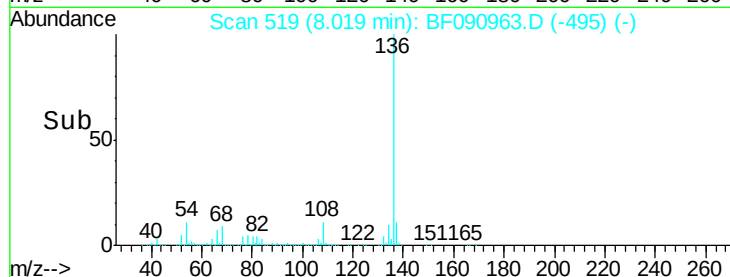
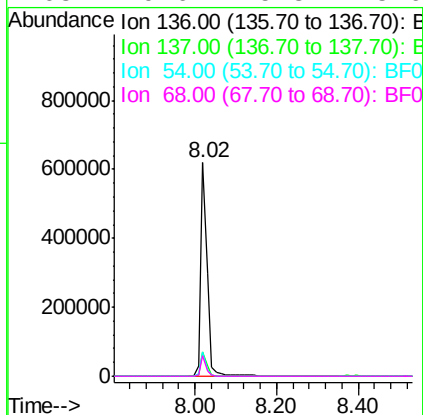
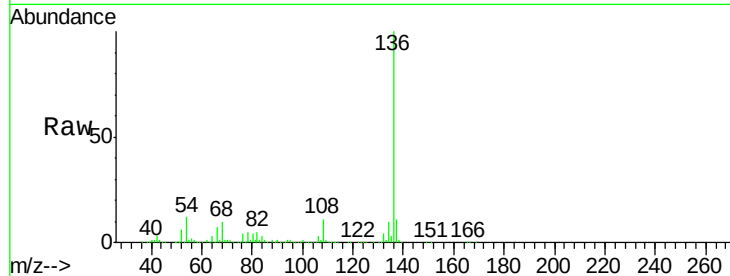
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.02 min Scan# 519
Delta R.T. -0.02 min
Lab File: BF090963.D
Acq: 1 Nov 2016 20:54

Instrument :
BNA_F
ClientSampleId :
SB-78-0.5-1.0

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.4	9.0	13.6	
54	11.5	8.2	12.2	
68	9.6	5.8	8.6#	

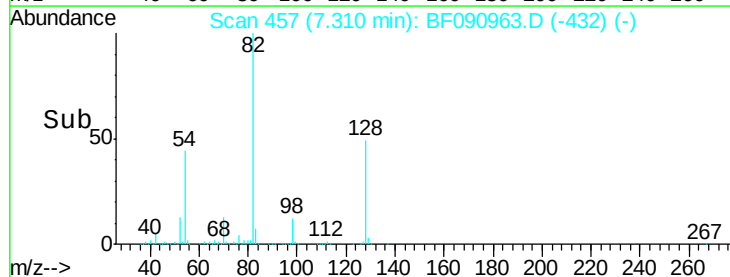
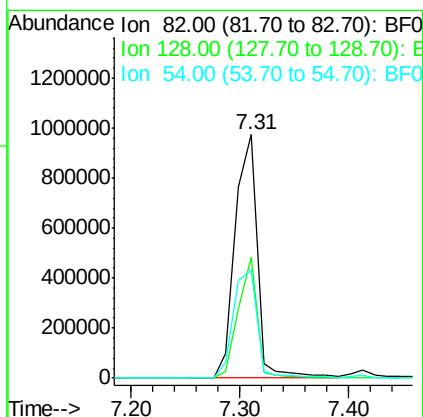
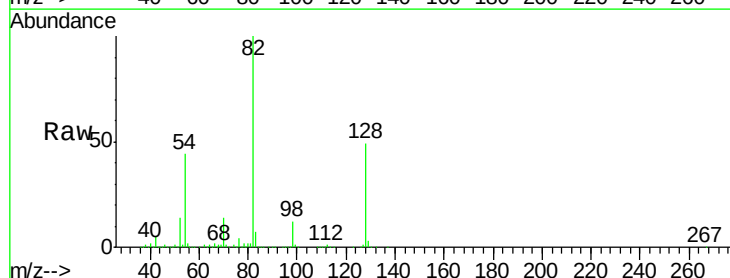
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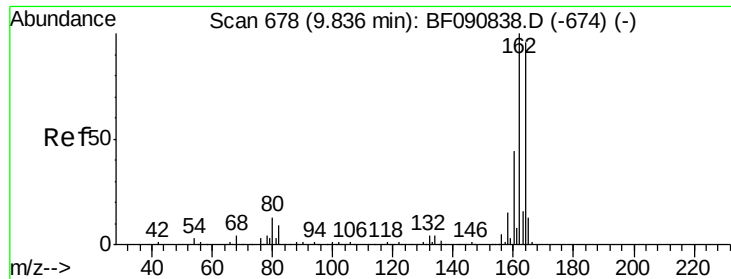
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#23
Nitrobenzene-d5
Concen: 124.93 ng
RT: 7.31 min Scan# 457
Delta R.T. -0.01 min
Lab File: BF090963.D
Acq: 1 Nov 2016 20:54

Tgt Ion	Ratio	Resp	Lower	Upper
82	100			
128	49.4	51.0	76.6#	
54	44.2	47.5	71.3#	





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.78 min Scan# 673

Delta R.T. -0.01 min

Lab File: BF090963.D

Acq: 1 Nov 2016 20:54

Instrument :

BNA_F

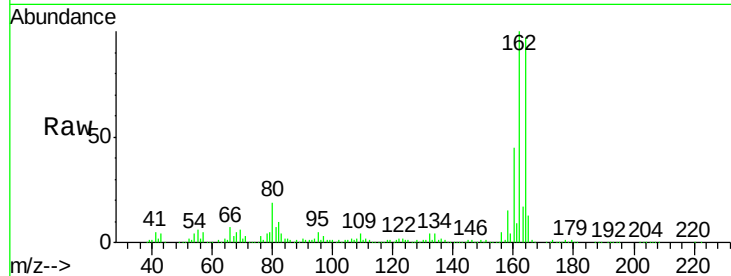
ClientSampleId :

SB-78-0.5-1.0

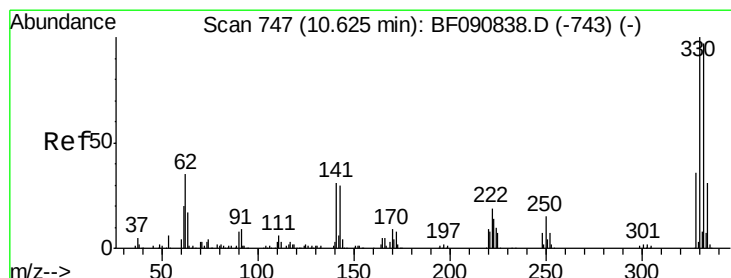
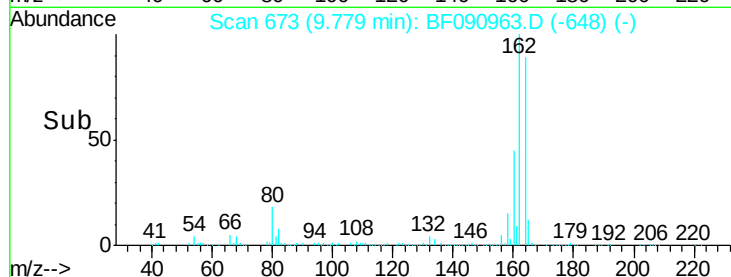
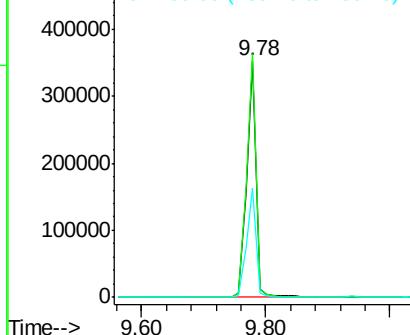
Tot Ion:	164	Resp:	367337
Ion Ratio	Lower	Upper	
164	100		
162	102.9	75.2	112.8
160	46.1	31.5	47.3

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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: 118.07 ng

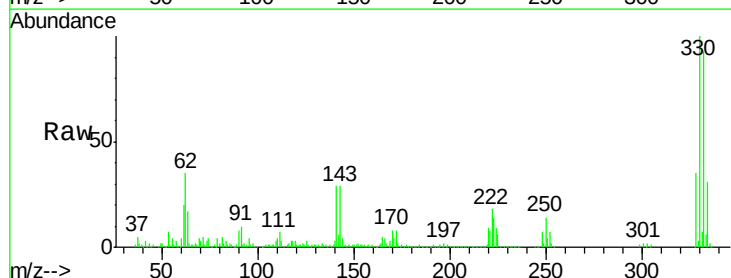
RT: 10.57 min Scan# 742

Delta R.T. -0.01 min

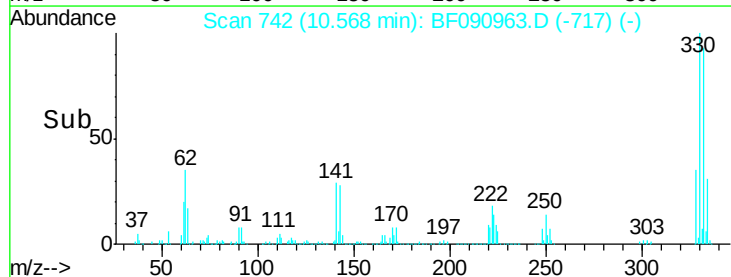
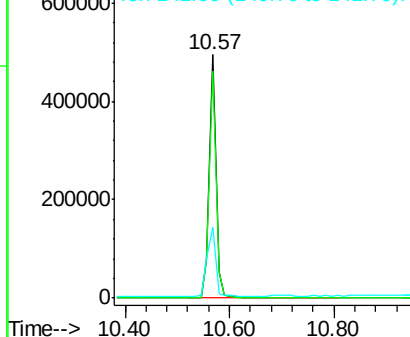
Lab File: BF090963.D

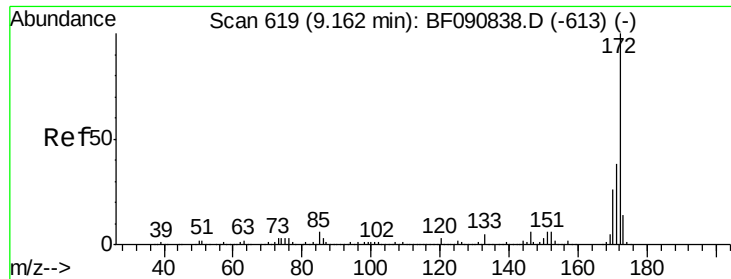
Acq: 1 Nov 2016 20:54

Tgt Ion:	330	Resp:	445727
Ion Ratio	Lower	Upper	
330	100		
332	94.3	76.6	114.8
141	37.4	29.7	44.5



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





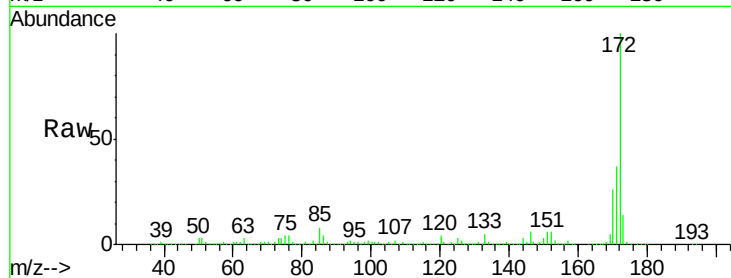
#44
2-Fluorobiphenyl
Concen: 88.50 ng
RT: 9.10 min Scan# 614
Delta R.T. -0.01 min
Lab File: BF090963.D
Acq: 1 Nov 2016 20:54

Instrument :
BNA_F
ClientSampleId :
SB-78-0.5-1.0

Tot Ion	Ratio	Lower	Upper
172	100		
171	37.3	26.1	39.1
170	25.8	17.4	26.2

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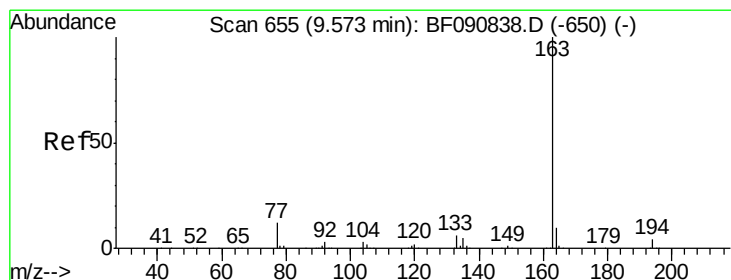
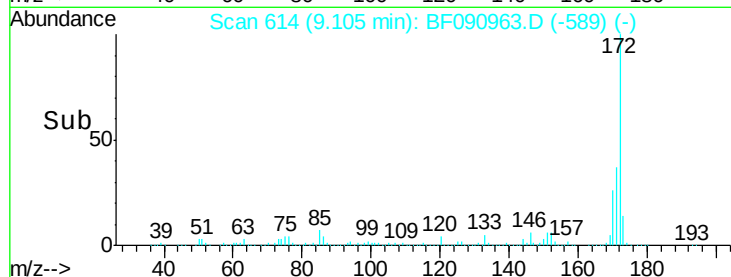
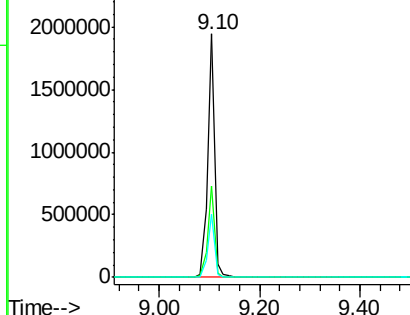


Abundance

Ion 172.00 (171.70 to 172.70): E

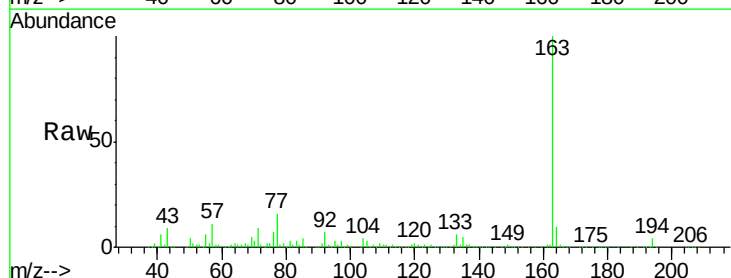
Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#49
Dimethylphthalate
Concen: 20.93 ng
RT: 9.50 min Scan# 649
Delta R.T. -0.01 min
Lab File: BF090963.D
Acq: 1 Nov 2016 20:54

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.8	4.4	6.6#
164	9.8	8.3	12.5

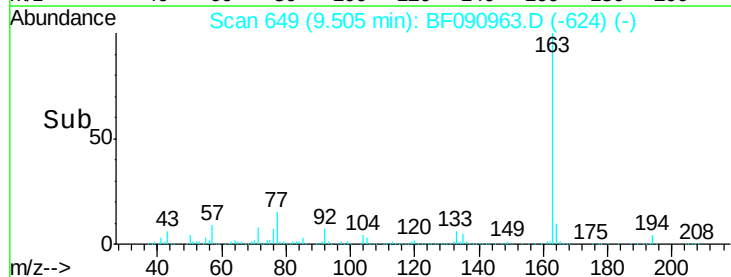
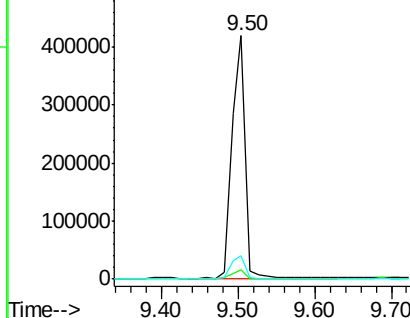


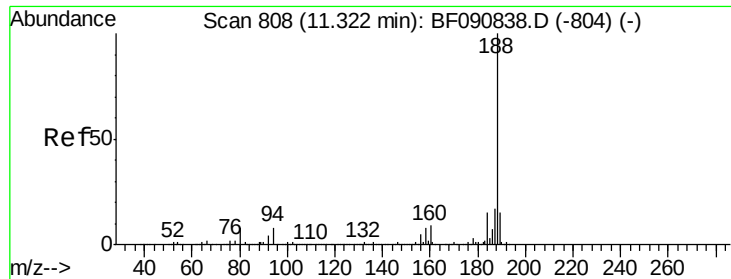
Abundance

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





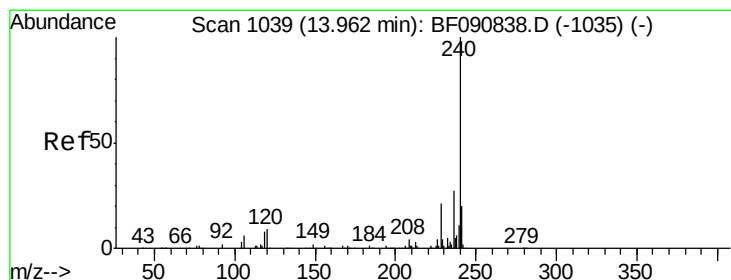
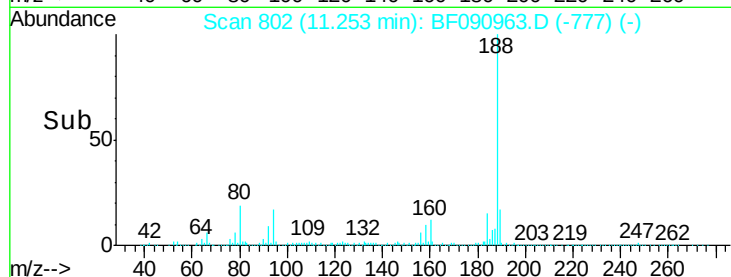
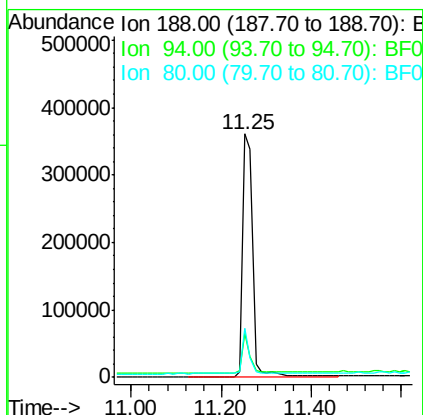
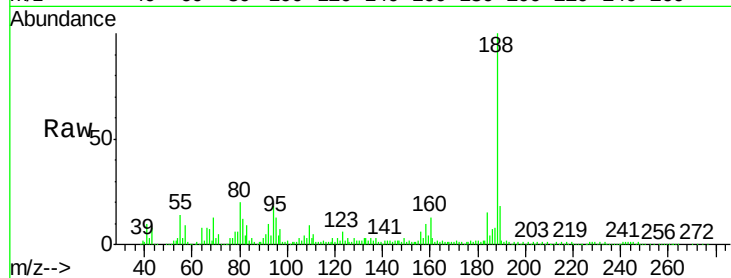
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.25 min Scan# 802
Delta R.T. -0.01 min
Lab File: BF090963.D
Acq: 1 Nov 2016 20:54

Instrument :
BNA_F
ClientSampleId :
SB-78-0.5-1.0

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	18.2	11.1	16.7#
80	20.3	11.0	16.4#

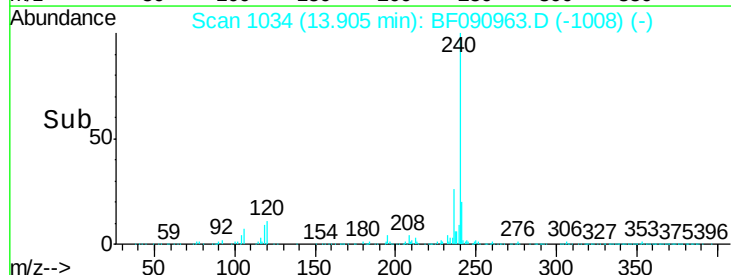
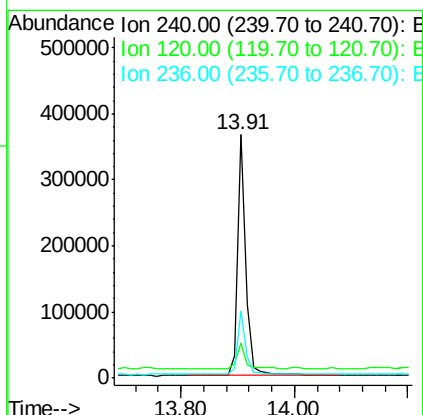
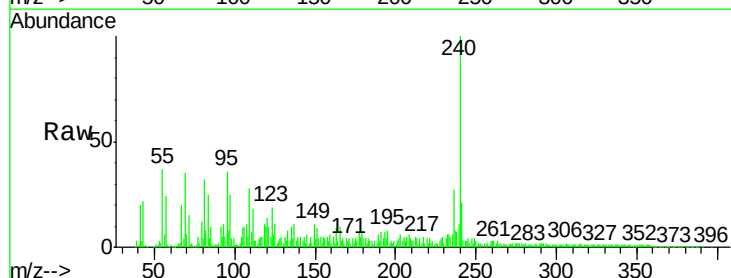
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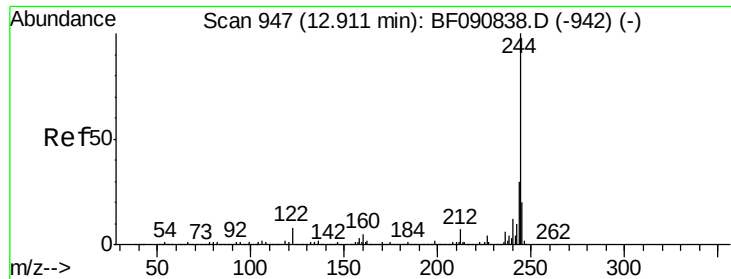
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#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.91 min Scan# 1034
Delta R.T. 0.00 min
Lab File: BF090963.D
Acq: 1 Nov 2016 20:54

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	14.5	16.2	24.2#
236	27.2	18.4	27.6





#78

Terphenyl-d14

Concen: 85.60 ng

RT: 12.85 min Scan# 942

Delta R.T. 0.00 min

Lab File: BF090963.D

Acq: 1 Nov 2016 20:54

Instrument :

BNA_F

ClientSampleId :

SB-78-0.5-1.0

Tot Ion:244 Resp: 1276055

Ion Ratio Lower Upper

244 100

212 7.1 4.3 6.5#

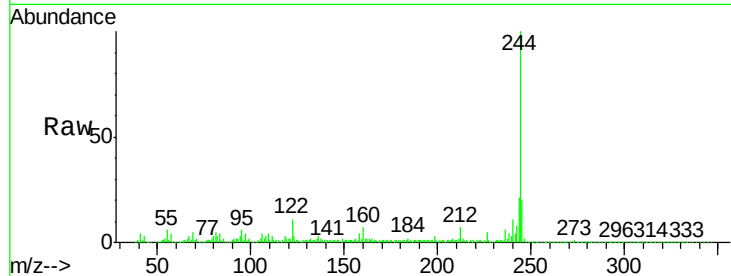
122 11.3 17.4 26.2#

Manual Integrations

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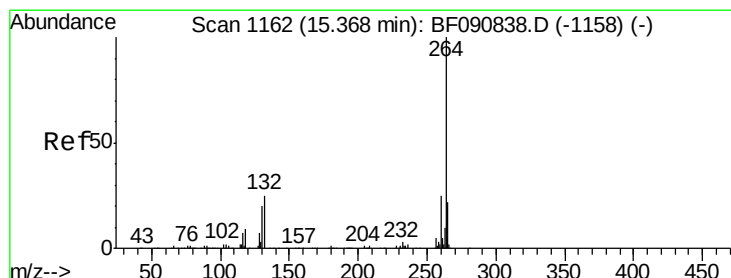
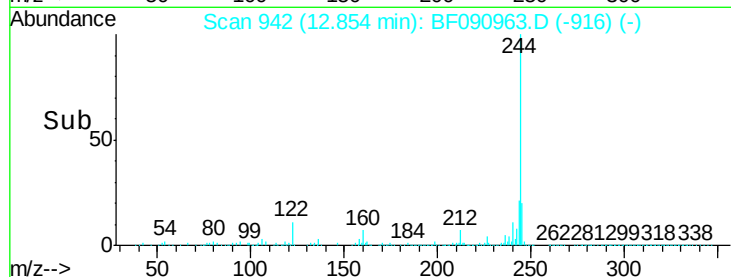
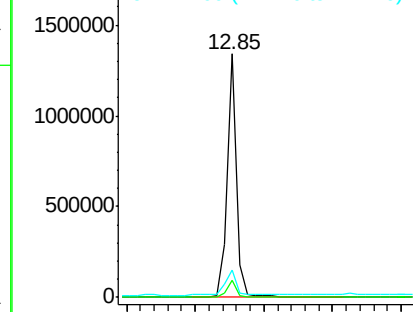
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Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.32 min Scan# 1158

Delta R.T. 0.02 min

Lab File: BF090963.D

Acq: 1 Nov 2016 20:54

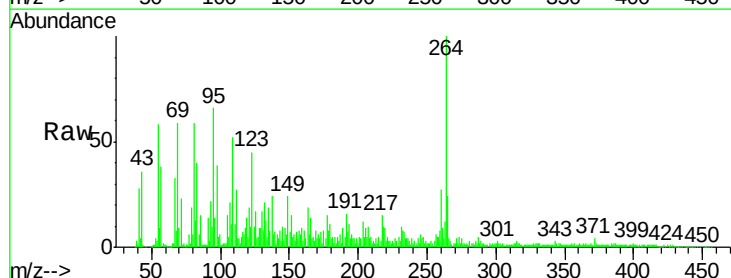
Tgt Ion:264 Resp: 365776

Ion Ratio Lower Upper

264 100

260 26.9 16.7 25.1#

265 24.2 17.2 25.8



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

