

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122216\
 Data File : BF091902.D
 Acq On : 23 Dec 2016 3:44
 Operator : UM/SJ
 Sample : H6182-04RE
 Misc :
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-51(6-8)-121916RE

Manual Integrations
 APPROVED

SOHIL
 12/23/2016 5:52:35 PM

Quant Time: Dec 23 04:33:20 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 21 16:17:51 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	203250	20.00	ng	0.00
21) Naphthalene-d8	8.05	136	754968	20.00	ng	0.01
38) Acenaphthene-d10	9.86	164	215270m	20.00	ng	0.07
63) Phenanthrene-d10	11.33	188	184546m	20.00	ng	0.07
75) Chrysene-d12	13.93	240	308851	20.00	ng	0.02
86) Perylene-d12	15.32	264	319241	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	1758849	144.49	ng	0.06
7) Phenol-d6	6.45	99	2187463	147.19	ng	0.05
23) Nitrobenzene-d5	7.32	82	1227134	90.38	ng	0.00
41) 2,4,6-Tribromophenol	10.66	330	201968	113.37	ng	0.08
44) 2-Fluorobiphenyl	9.16	172	1118475	110.29	ng	0.05
78) Terphenyl-d14	12.89	244	872828	68.54	ng	0.03
Target Compounds						
10) Phenol	6.46	94	88028	5.20	ng	# 79
83) Bis(2-ethylhexyl)phthalate	13.89	149	205868	16.96	ng	# 82

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

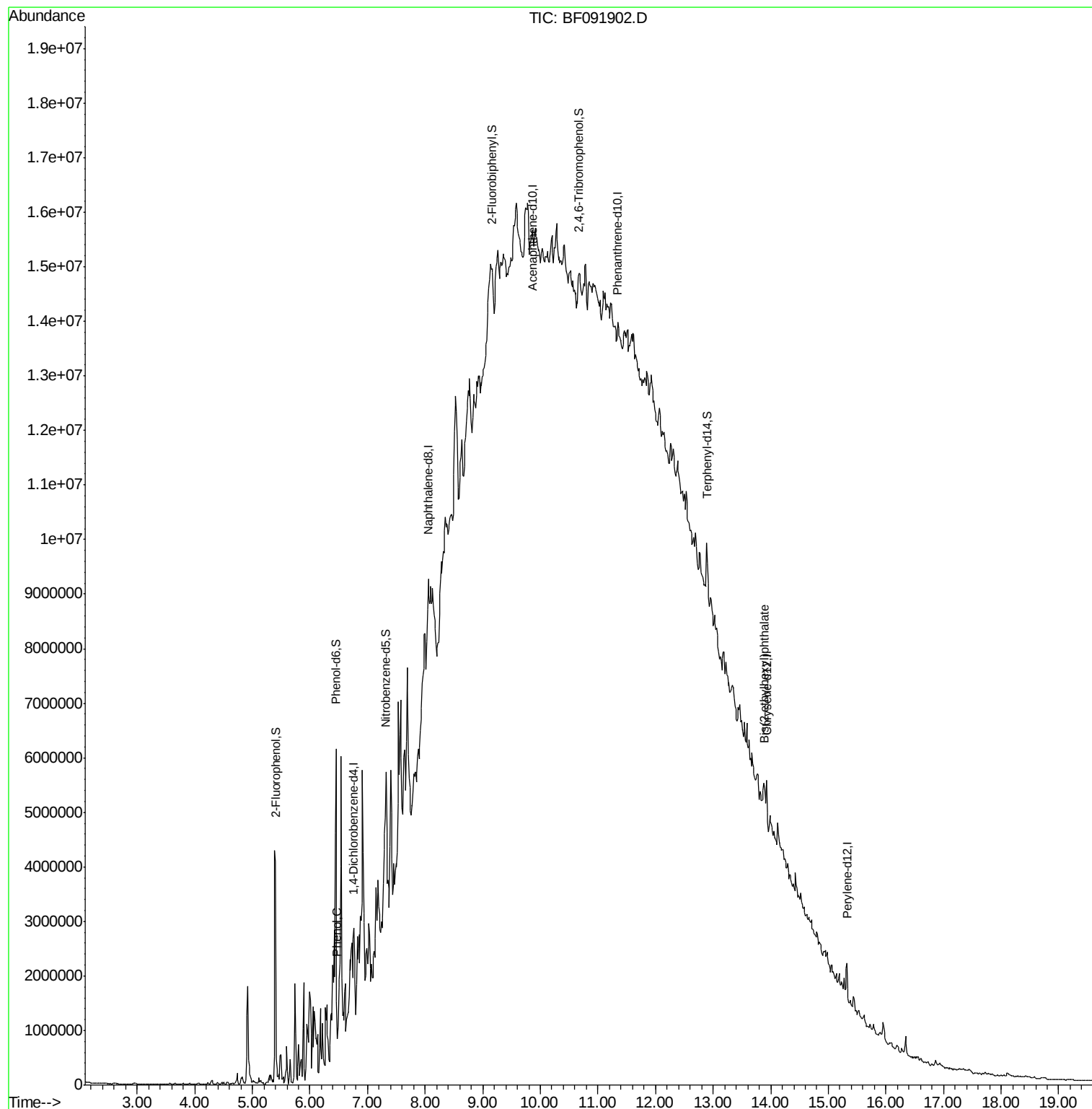
Data Path : Z:\HPCHEM1\BNA F\DATA\BF122216\
Data File : BF091902.D
Acq On : 23 Dec 2016 3:44
Operator : UM/SJ
Sample : H6182-04RE
Misc :
ALS Vial : 53 Sample Multiplier: 1

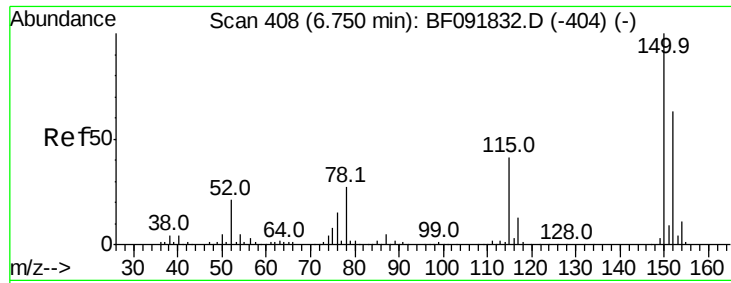
Instrument :
BNA_F
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Quant Time: Dec 23 04:33:20 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122116.M
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#1

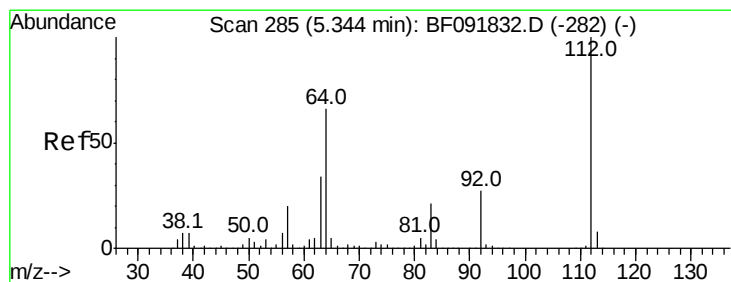
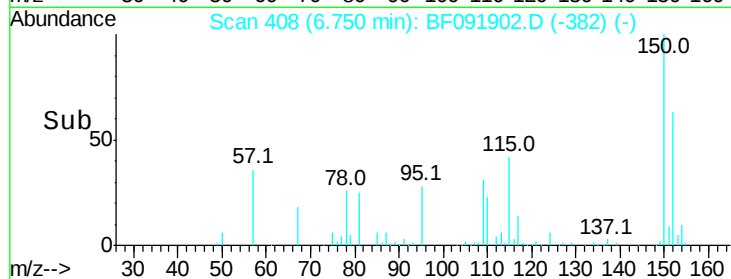
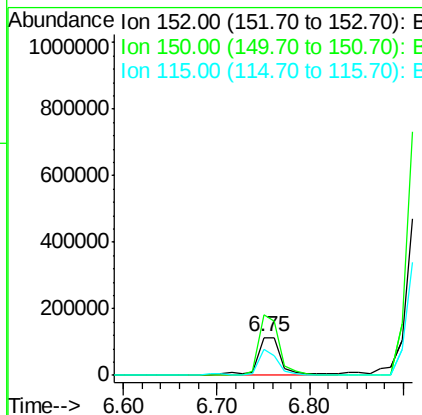
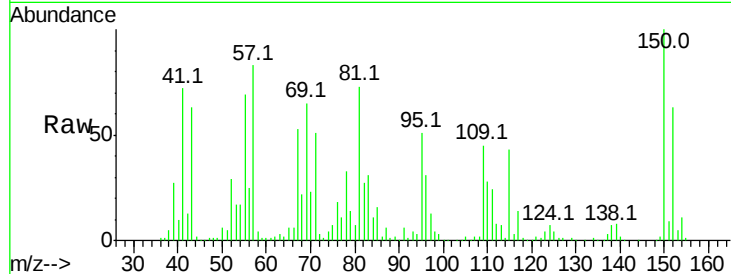
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.75 min Scan# 408
Delta R.T. -0.00 min
Lab File: BF091902.D
Acq: 23 Dec 2016 3:44

Instrument :
BNA_F
ClientSampleId :
SB-51(6-8)-121916RE

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.3	124.9	187.3
115	68.3	46.0	69.0

Manual Integrations
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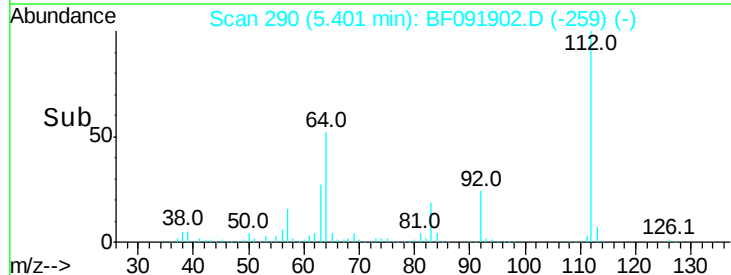
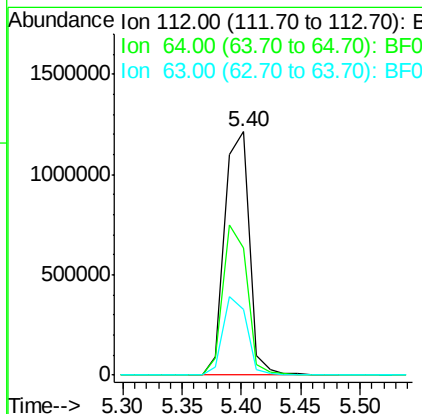
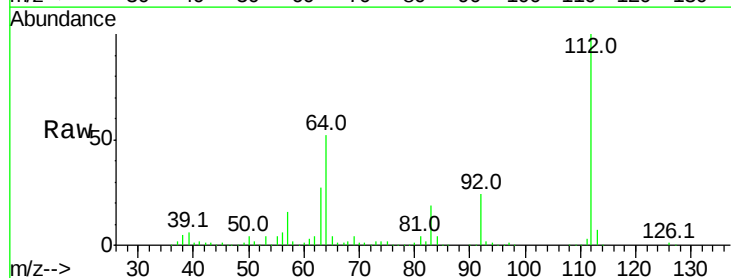
SOHIL
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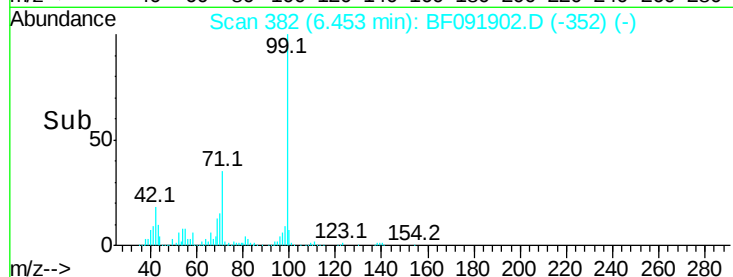
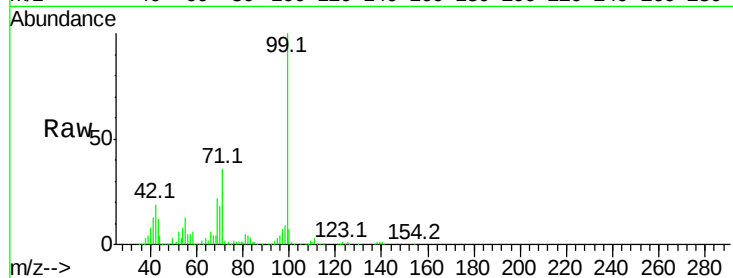
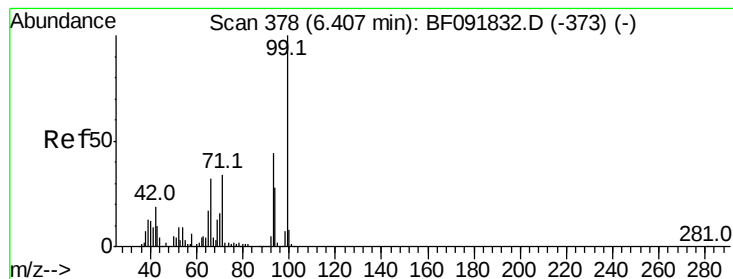


#5

2-Fluorophenol
Concen: 144.49 ng
RT: 5.40 min Scan# 290
Delta R.T. 0.06 min
Lab File: BF091902.D
Acq: 23 Dec 2016 3:44

Tgt Ion	Ratio	Lower	Upper
112	100		
64	52.4	46.1	69.1
63	27.0	23.8	35.6





#7

Phenol-d6

Concen: 147.19 ng

RT: 6.45 min Scan# 382

Delta R.T. 0.05 min

Lab File: BF091902.D

Acq: 23 Dec 2016 3:44

Tot Ion: 99 Resp: 2187463

Ion Ratio Lower Upper

99 100

42 19.1 15.6 23.4

71 35.8 27.5 41.3

Instrument :

BNA_F

ClientSampleId :

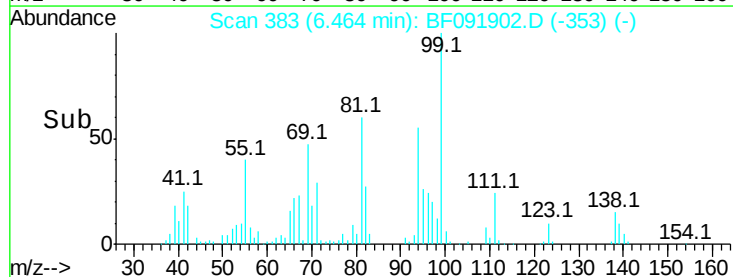
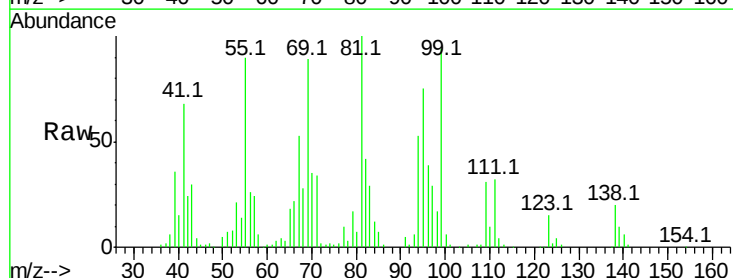
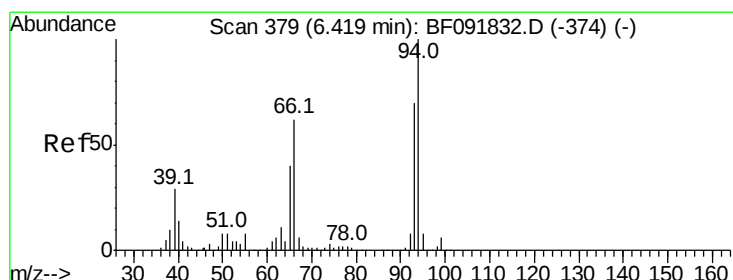
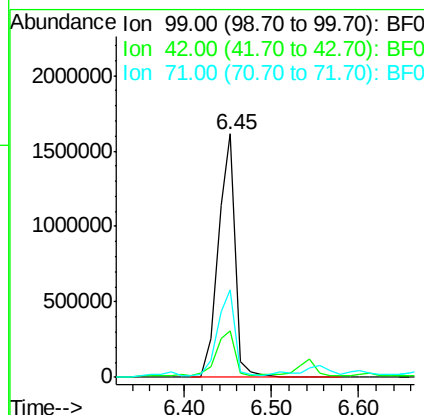
SB-51(6-8)-121916RE

Manual Integrations

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#10

Phenol

Concen: 5.20 ng

RT: 6.46 min Scan# 383

Delta R.T. 0.05 min

Lab File: BF091902.D

Acq: 23 Dec 2016 3:44

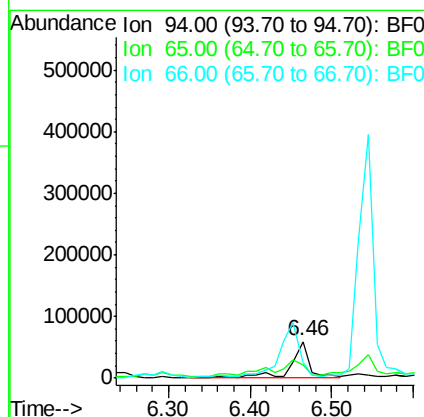
Tgt Ion: 94 Resp: 88028

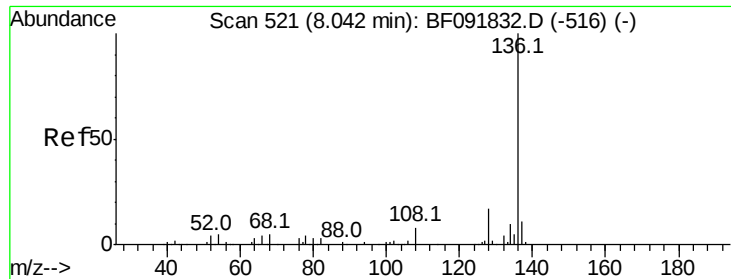
Ion Ratio Lower Upper

94 100

65 34.5 21.4 61.4

66 42.0 44.0 84.0#





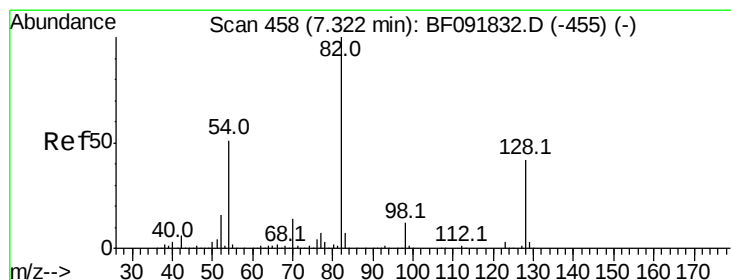
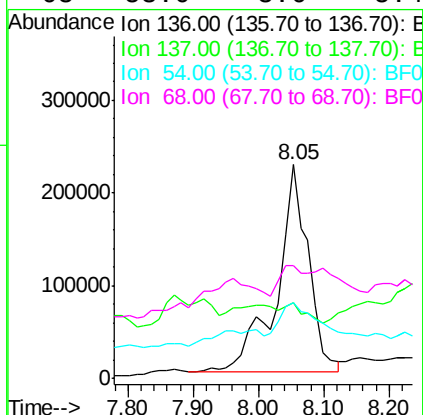
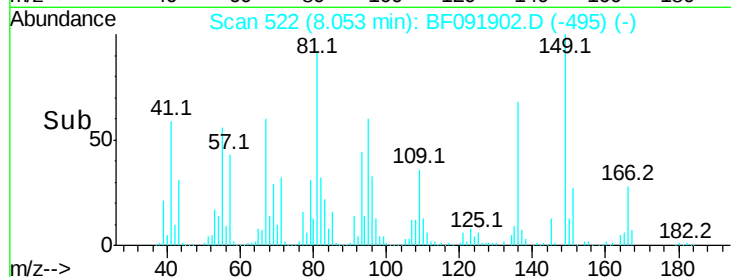
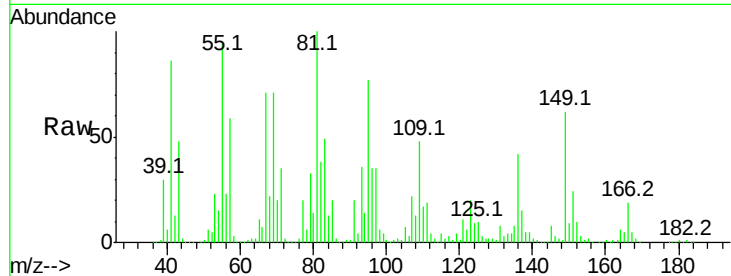
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.05 min Scan# 522
Delta R.T. 0.01 min
Lab File: BF091902.D
Acq: 23 Dec 2016 3:44

Instrument :
BNA_F
ClientSampleId :
SB-51(6-8)-121916RE

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	35.5	8.4	12.6#	
54	35.2	4.5	6.7#	
68	53.0	3.6	5.4#	

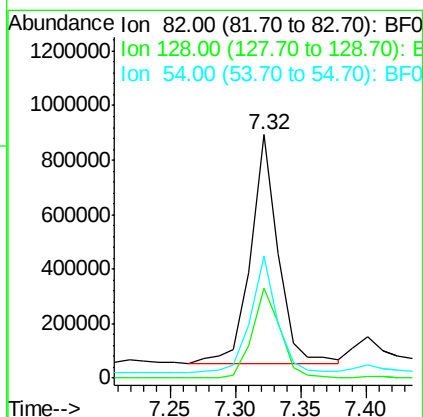
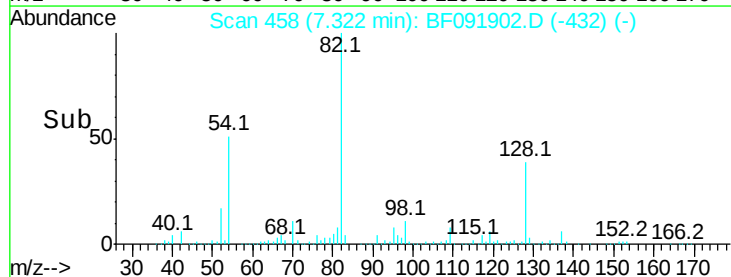
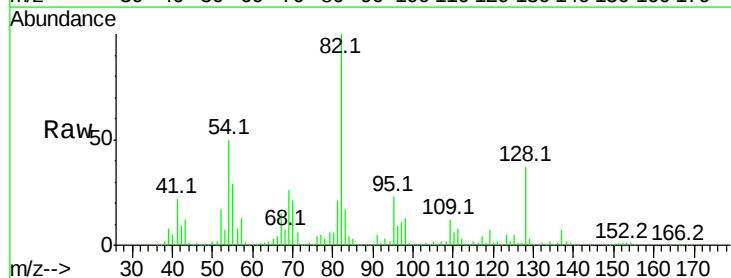
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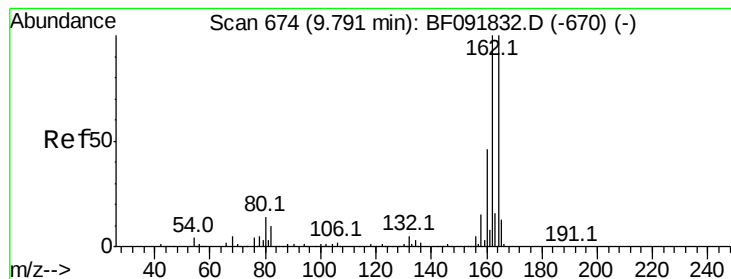
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#23
Nitrobenzene-d5
Concen: 90.38 ng
RT: 7.32 min Scan# 458
Delta R.T. -0.00 min
Lab File: BF091902.D
Acq: 23 Dec 2016 3:44

Tgt Ion	Ratio	Resp	Lower	Upper
82	100			
128	37.0	34.6	52.0	
54	50.4	39.5	59.3	





#38

Acenaphthene-d10

Concen: 20.00 ng/mL

RT: 9.86 min Scan# 680

Delta R.T. 0.07 min

Lab File: BF091902.D

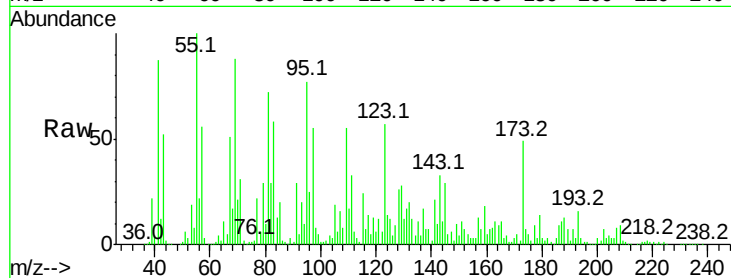
Acq: 23 Dec 2016 3:44

Instrument :

BNA_F

ClientSampleId :

SB-51(6-8)-121916RE



Tot Ion:164 Resp: 215270

Ion Ratio Lower Upper

164 100

162 86.1 80.2 120.2

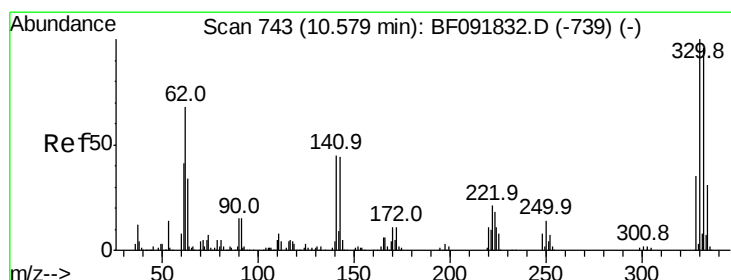
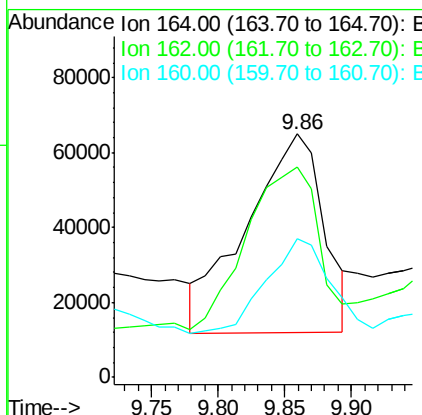
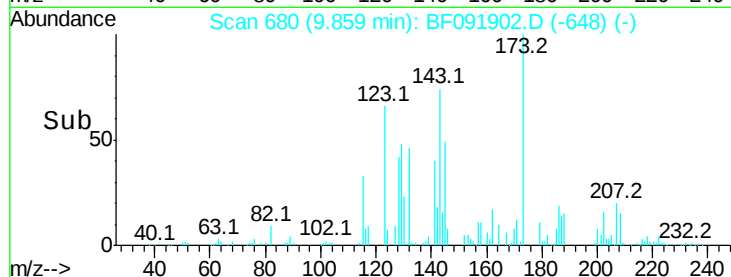
160 57.0 36.9 55.3#

Manual Integrations

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#41

2,4,6-Tribromophenol

Concen: 113.37 ng/mL

RT: 10.66 min Scan# 750

Delta R.T. 0.08 min

Lab File: BF091902.D

Acq: 23 Dec 2016 3:44

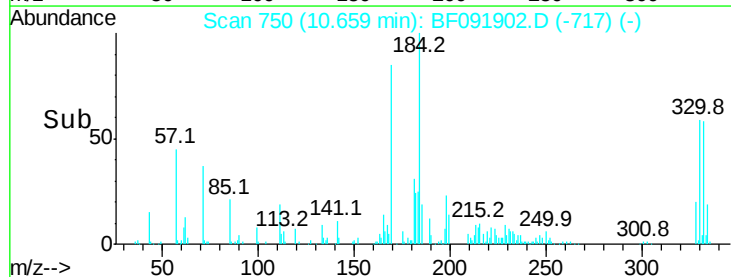
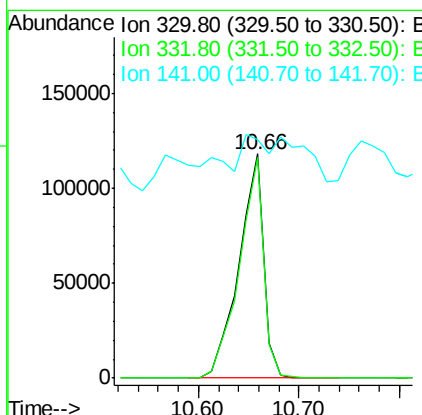
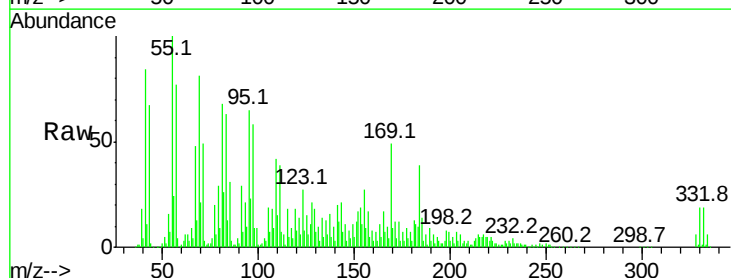
Tgt Ion:330 Resp: 201968

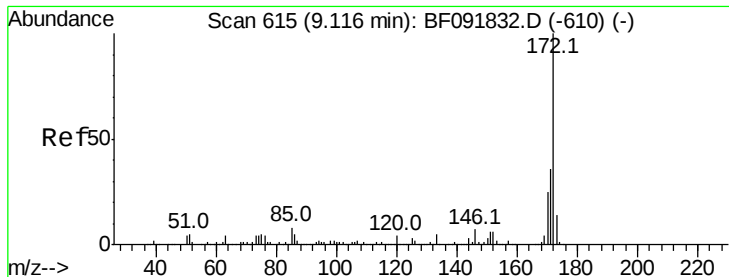
Ion Ratio Lower Upper

330 100

332 97.1 77.4 116.2

141 15.5 34.1 51.1#





#44

2-Fluorobiphenyl

Concen: 110.29 ng

RT: 9.16 min Scan# 619

Delta R.T. 0.05 min

Lab File: BF091902.D

Acq: 23 Dec 2016 3:44

Instrument :

BNA_F

ClientSampleId :

SB-51(6-8)-121916RE

Tot Ion:172 Resp: 1118475

Ion Ratio Lower Upper

172 100

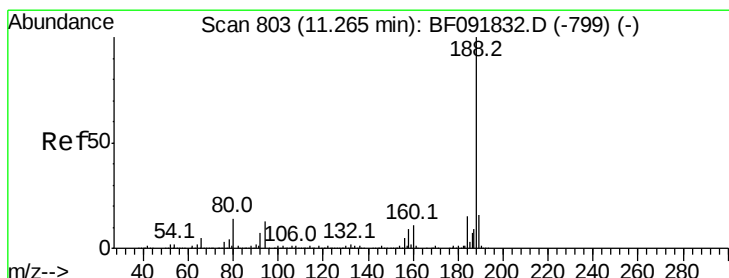
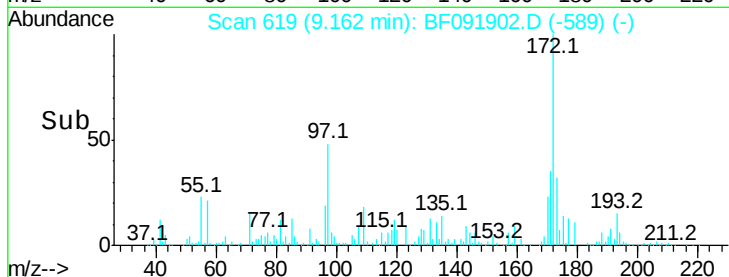
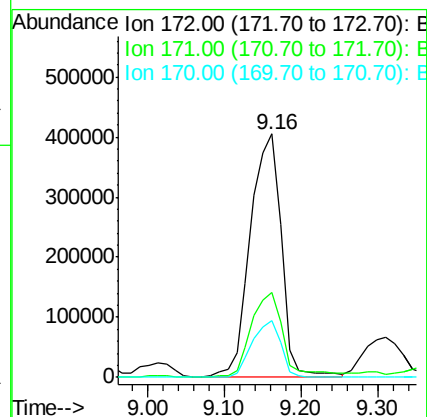
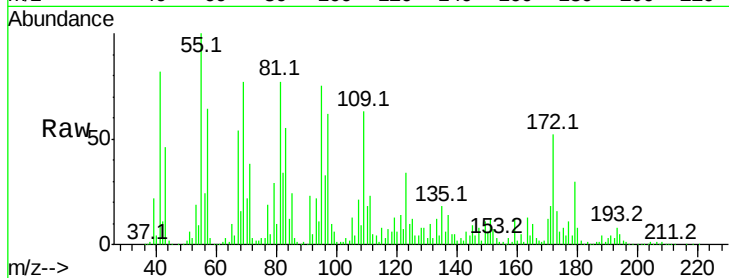
171 34.8 29.4 44.0

170 23.3 20.2 30.4

Manual Integrations
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#63

Phenanthrene-d10

Concen: 20.00 ng m

RT: 11.33 min Scan# 809

Delta R.T. 0.07 min

Lab File: BF091902.D

Acq: 23 Dec 2016 3:44

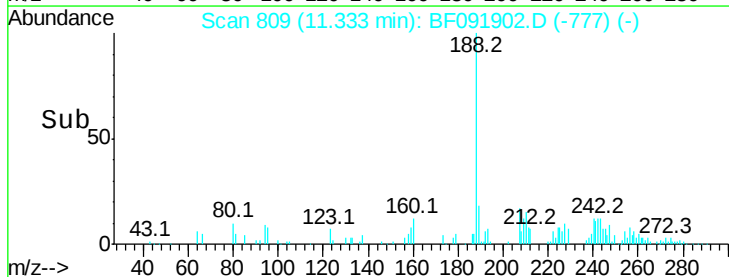
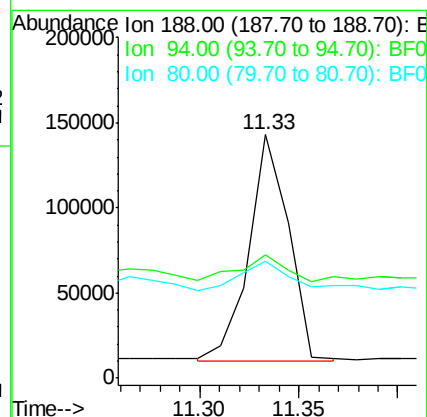
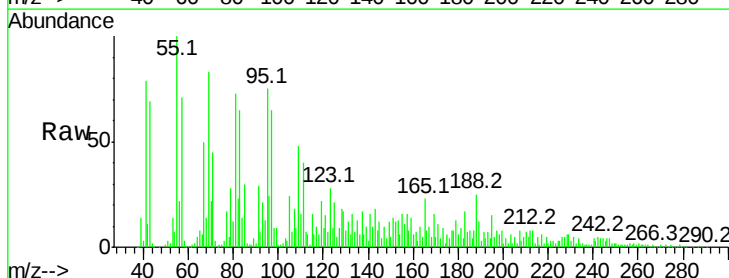
Tgt Ion:188 Resp: 184546

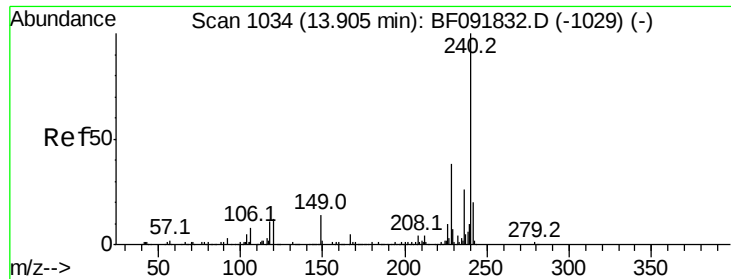
Ion Ratio Lower Upper

188 100

94 50.6 10.0 15.0#

80 47.8 11.2 16.8#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.93 min Scan# 1036

Delta R.T. 0.02 min

Lab File: BF091902.D

Acq: 23 Dec 2016 3:44

Instrument :

BNA_F

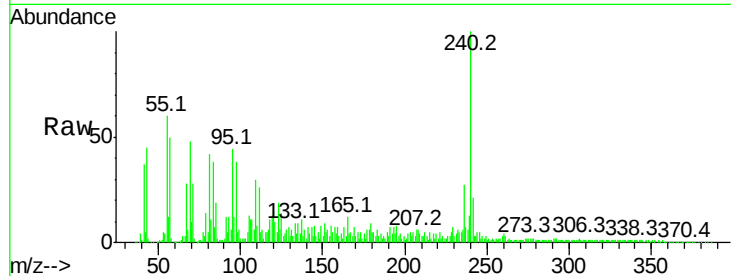
ClientSampleId :

SB-51(6-8)-121916RE

Tot Ion:	240	Resp:	308851
Ion Ratio	Lower	Upper	
240	100		
120	14.6	12.9	19.3
236	27.3	20.9	31.3

Manual Integrations
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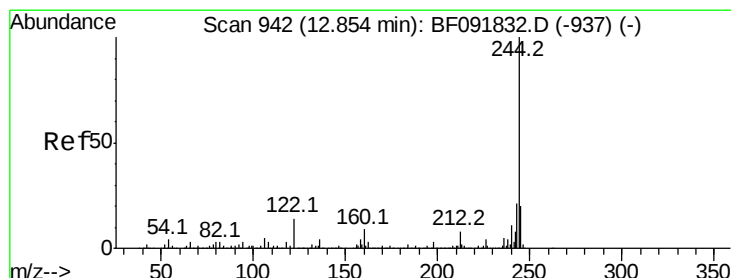
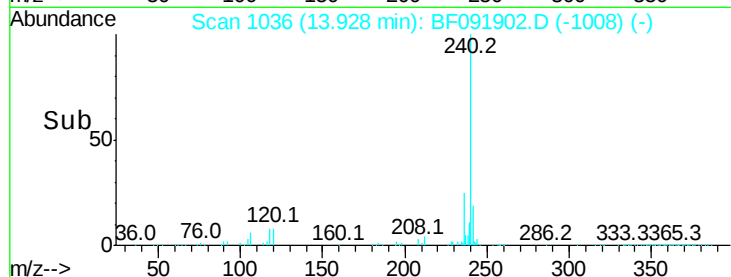
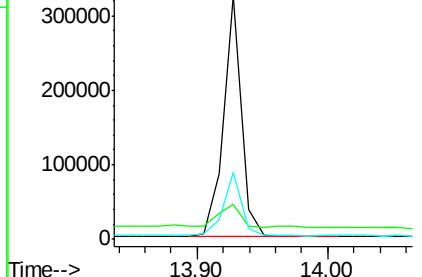
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Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#78

Terphenyl-d14

Concen: 68.54 ng

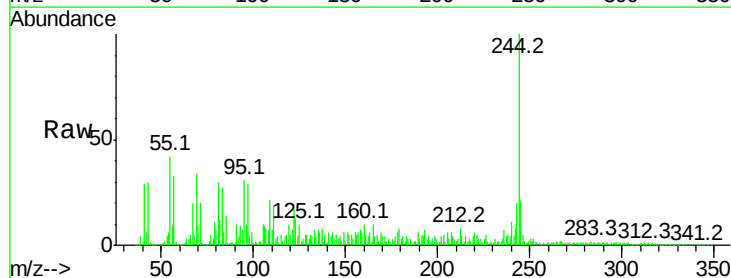
RT: 12.89 min Scan# 945

Delta R.T. 0.03 min

Lab File: BF091902.D

Acq: 23 Dec 2016 3:44

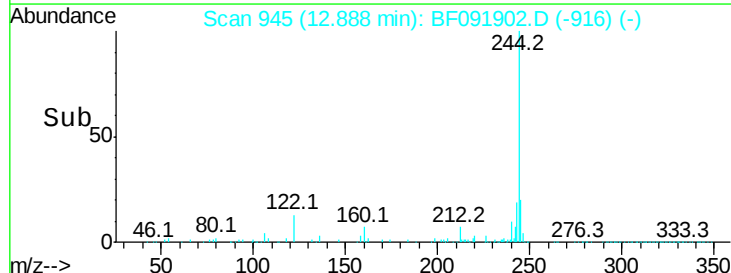
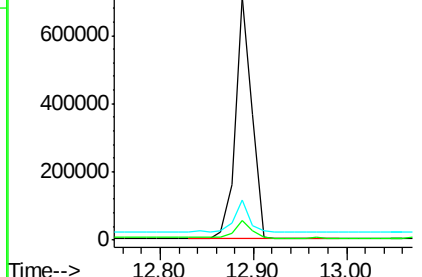
Tgt Ion:	244	Resp:	872828
Ion Ratio	Lower	Upper	
244	100		
212	8.0	6.2	9.2
122	16.5	11.4	17.2

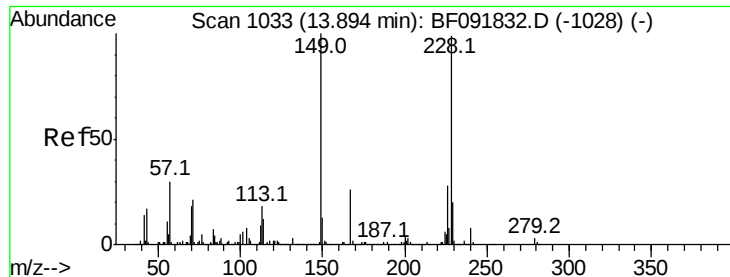


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 16.96 ng

RT: 13.89 min Scan# 1033

Delta R.T. -0.00 min

Lab File: BF091902.D

Acq: 23 Dec 2016 3:44

Instrument :

BNA_F

ClientSampleId :

SB-51(6-8)-121916RE

Tot Ion:149 Resp: 205868

Ion Ratio Lower Upper

149 100

167 34.7 20.2 30.4#

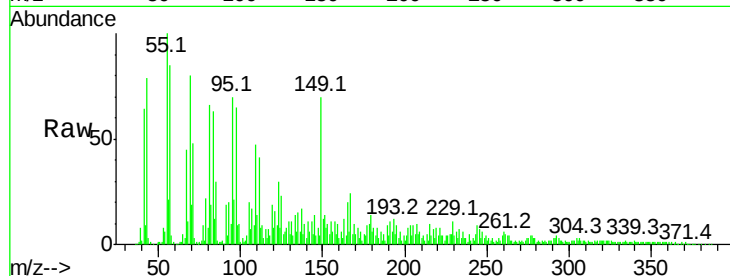
279 4.3 1.8 2.8#

Manual Integrations

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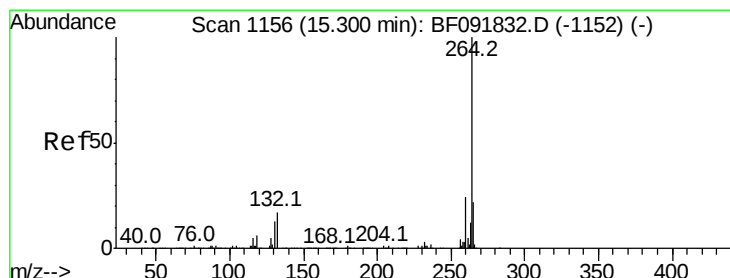
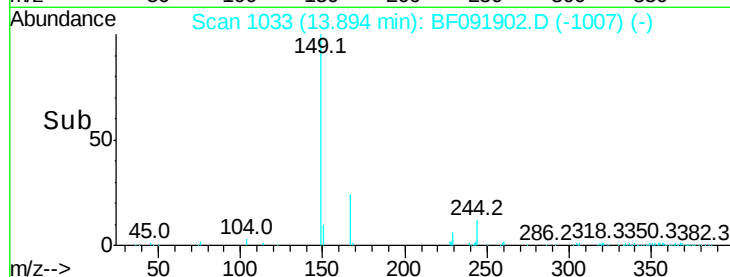
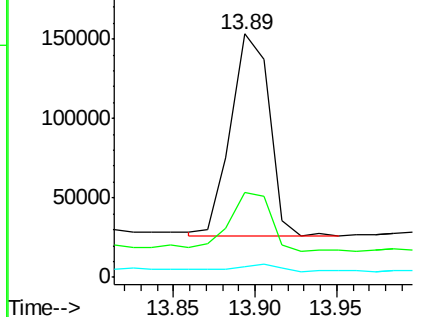
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.32 min Scan# 1158

Delta R.T. 0.02 min

Lab File: BF091902.D

Acq: 23 Dec 2016 3:44

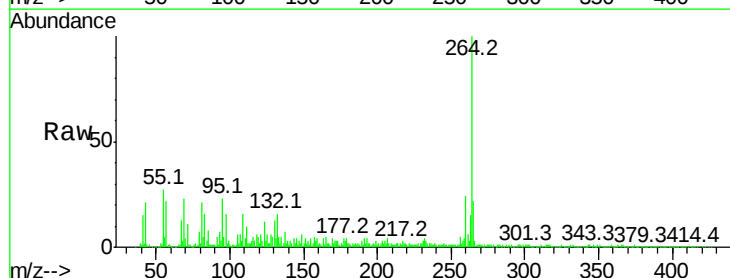
Tgt Ion:264 Resp: 319241

Ion Ratio Lower Upper

264 100

260 24.2 19.2 28.8

265 21.5 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

