

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122216\
 Data File : BF091904.D
 Acq On : 23 Dec 2016 4:39
 Operator : UM/SJ
 Sample : H6182-06RE
 Misc :
 ALS Vial : 55 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-52(0-1)-121916RE

Manual Integrations
 APPROVED

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 12/23/2016 5:53:22 PM

Quant Time: Dec 23 07:00:43 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	6.77	152	140792	20.00	ng	0.02
21) Naphthalene-d8	8.11	136	272746	20.00	ng	0.07
38) Acenaphthene-d10	9.88	164	120818	20.00	ng	0.09
63) Phenanthrene-d10	11.28	188	434772	20.00	ng	0.01
75) Chrysene-d12	13.91	240	387936	20.00	ng	0.00
86) Perylene-d12	15.30	264	304643	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	1640151	194.51	ng	0.06
7) Phenol-d6	6.45	99	1655099	160.77	ng	0.05
23) Nitrobenzene-d5	7.34	82	698484	142.40	ng	0.02
41) 2,4,6-Tribromophenol	10.62	330	271785	271.82	ng	0.05
44) 2-Fluorobiphenyl	9.22	172	542880	93.33	ng	0.10
78) Terphenyl-d14	12.85	244	1462898	91.46	ng	0.00
Target Compounds						
37) 2-Methylnaphthalene	8.90	142	4271447m	Below Cal		Qvalue
57) Fluorene	10.40	166	468841m	69.86	ng	
70) Phenanthrene	11.30	178	450724	19.12	ng	# 95
77) Pyrene	12.71	202	87369	3.07	ng	# 93
83) Bis(2-ethylhexyl)phthalate	13.89	149	68570	4.50	ng	# 87

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

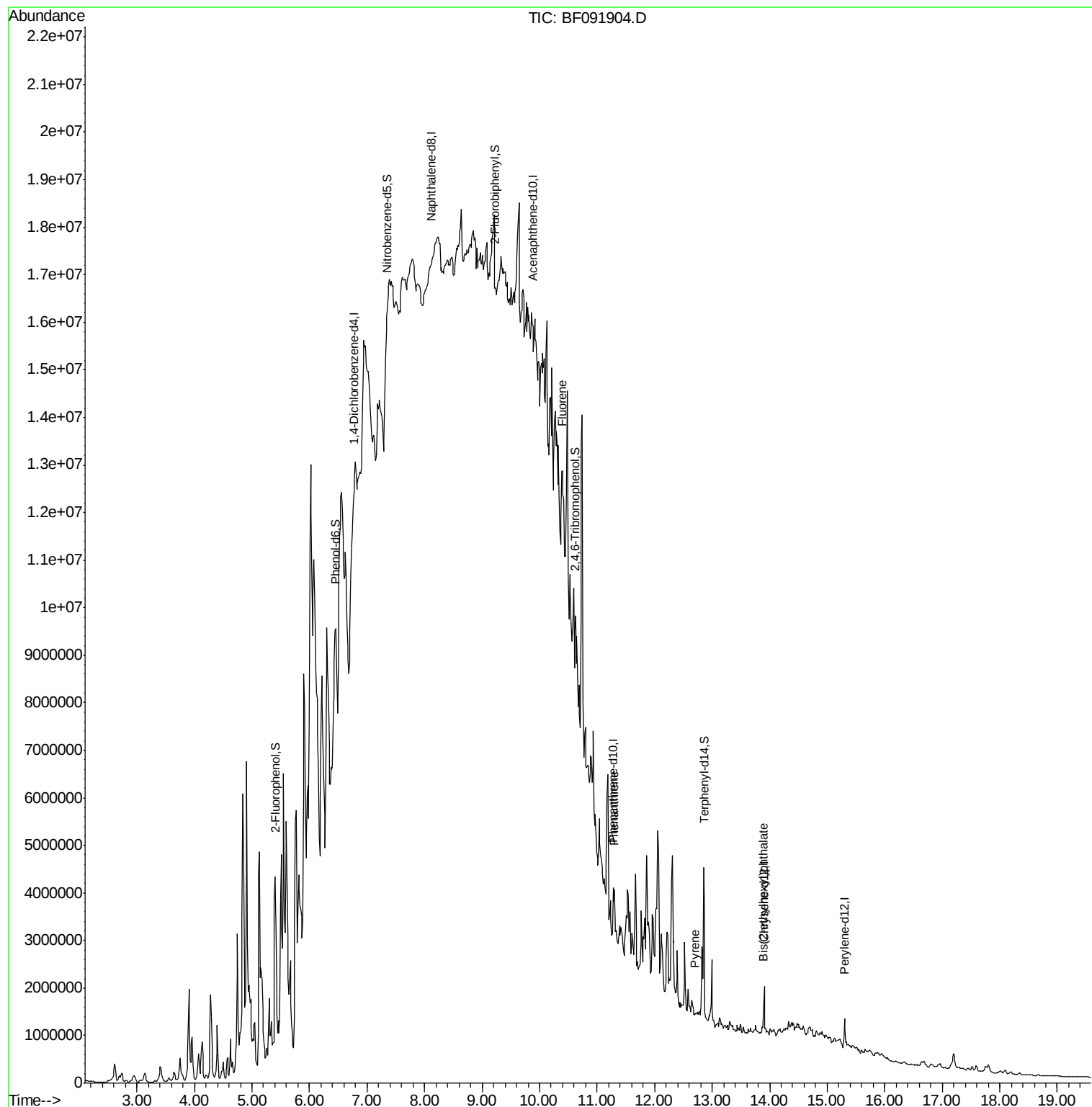
Data Path : Z:\HPCHEM1\BNA F\DATA\BF122216\
Data File : BF091904.D
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Sample : H6182-06RE
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ALS Vial : 55 Sample Multiplier: 1

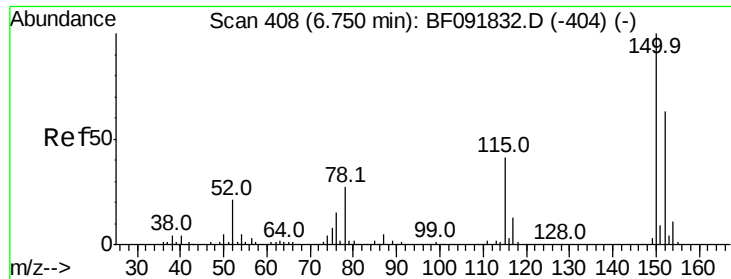
Instrument :
BNA_F
ClientSampleId :
SB-52(0-1)-121916RE

Manual Integrations
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Quant Time: Dec 23 07:00:43 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





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.77 min Scan# 410

Delta R.T. 0.02 min

Lab File: BF091904.D

Acq: 23 Dec 2016 4:39

Instrument :

BNA_F

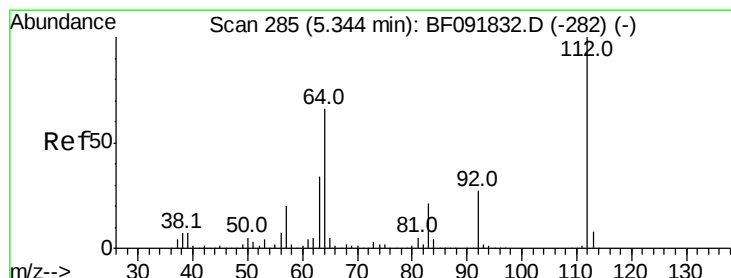
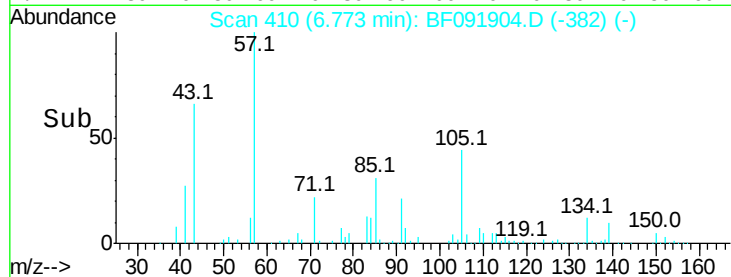
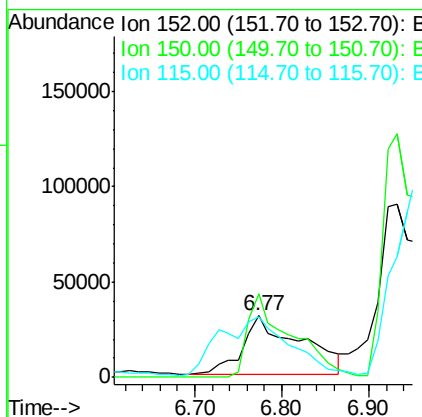
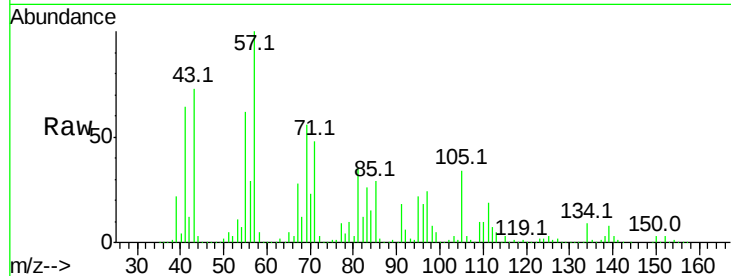
ClientSampleId :

SB-52(0-1)-121916RE

Tot Ion	Ratio	Lower	Upper
152	100		
150	135.9	124.9	187.3
115	99.4	46.0	69.0

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#5

2-Fluorophenol

Concen: 194.51 ng

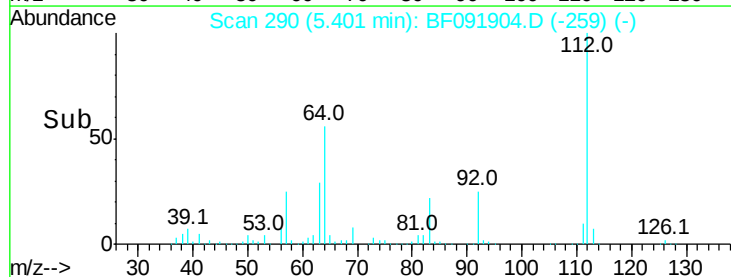
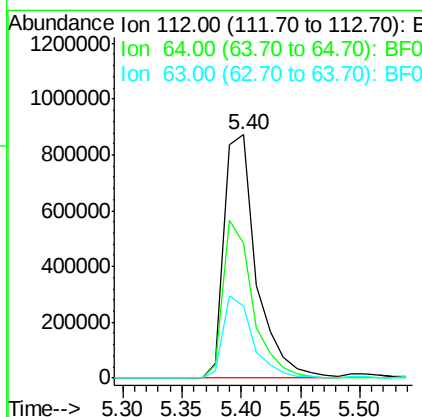
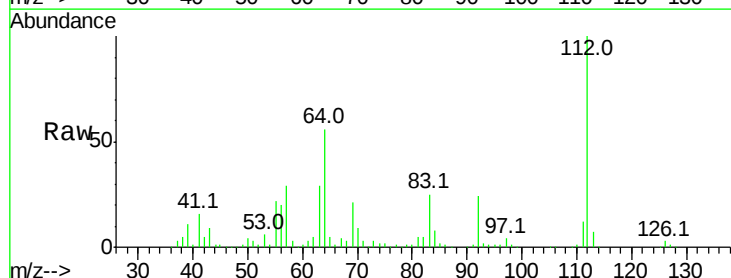
RT: 5.40 min Scan# 290

Delta R.T. 0.06 min

Lab File: BF091904.D

Acq: 23 Dec 2016 4:39

Tgt Ion	Ratio	Lower	Upper
112	100		
64	55.6	46.1	69.1
63	29.5	23.8	35.6





#7

Phenol-d6

Concen: 160.77 ng

RT: 6.45 min Scan# 382

Delta R.T. 0.05 min

Lab File: BF091904.D

Acq: 23 Dec 2016 4:39

Instrument :

BNA_F

ClientSampleId :

SB-52(0-1)-121916RE

Tot Ion: 99 Resp: 1655099

Ion Ratio Lower Upper

99 100

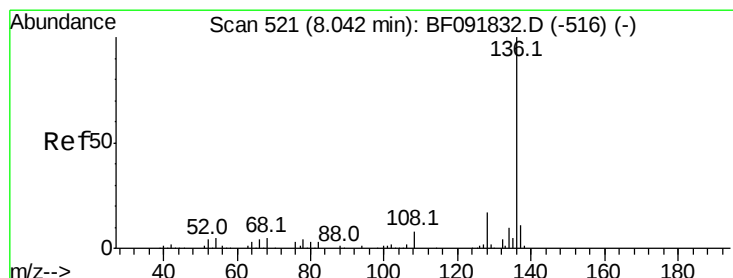
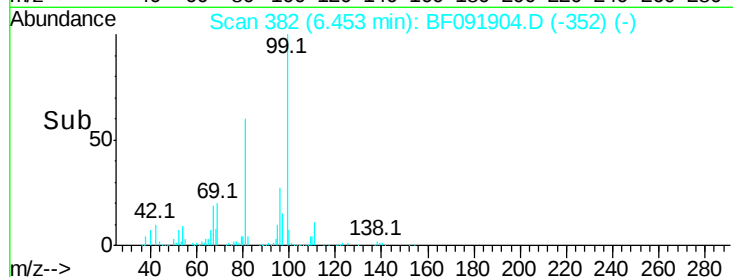
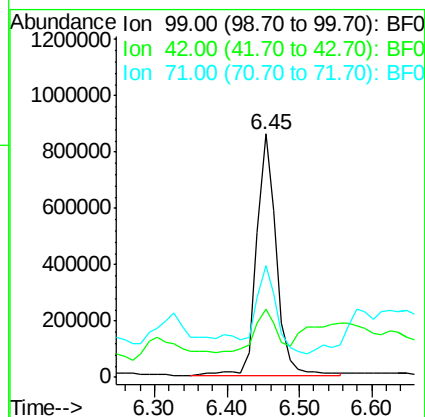
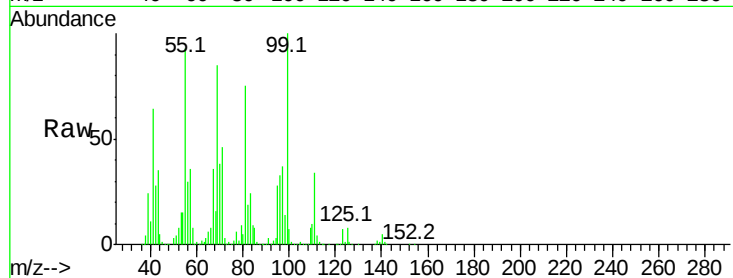
42 28.2 15.6 23.4#

71 46.0 27.5 41.3#

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#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.11 min Scan# 527

Delta R.T. 0.07 min

Lab File: BF091904.D

Acq: 23 Dec 2016 4:39

Tgt Ion: 136 Resp: 272746

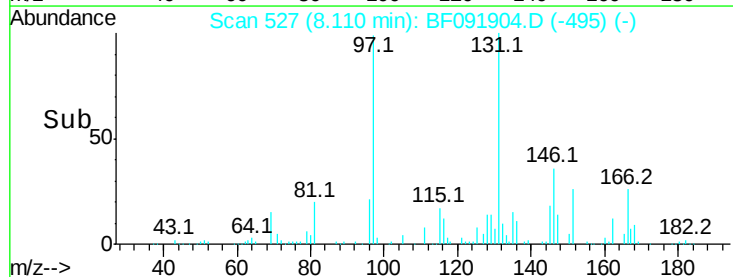
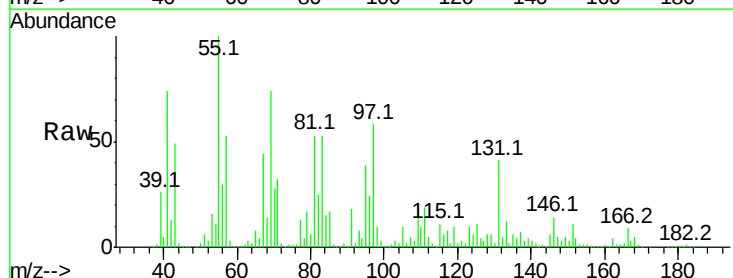
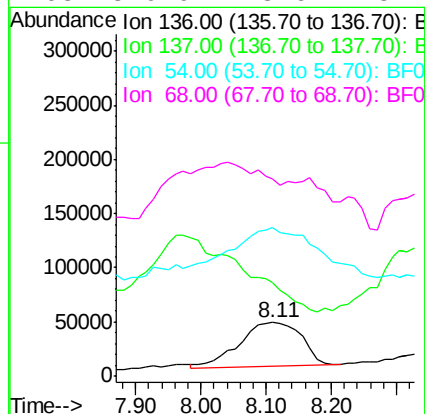
Ion Ratio Lower Upper

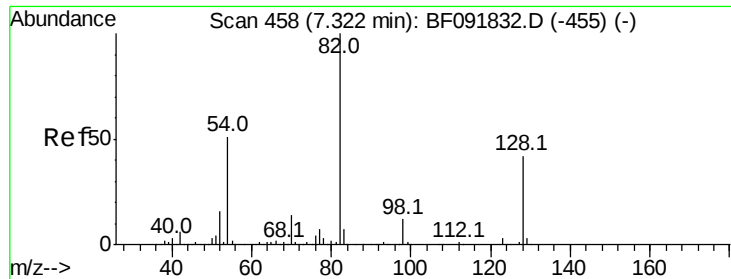
136 100

137 176.5 8.4 12.6#

54 277.6 4.5 6.7#

68 370.9 3.6 5.4#





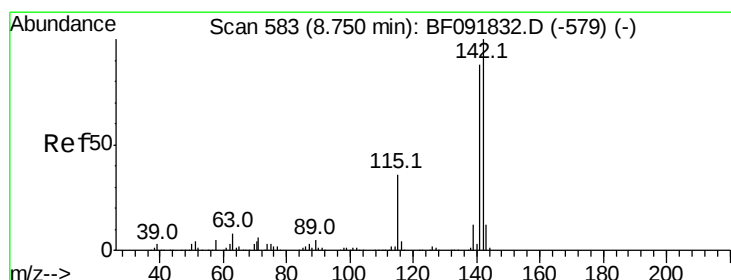
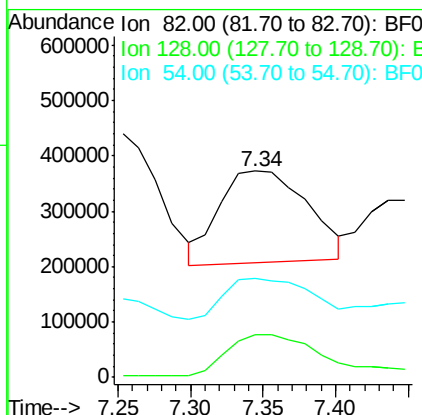
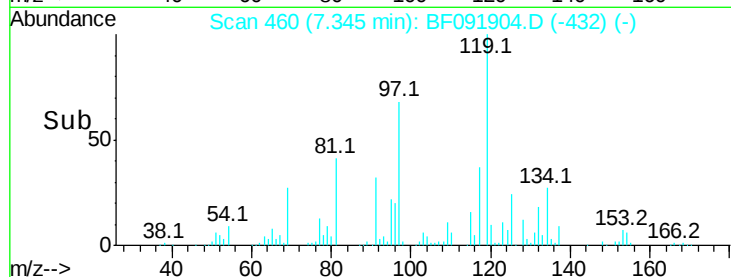
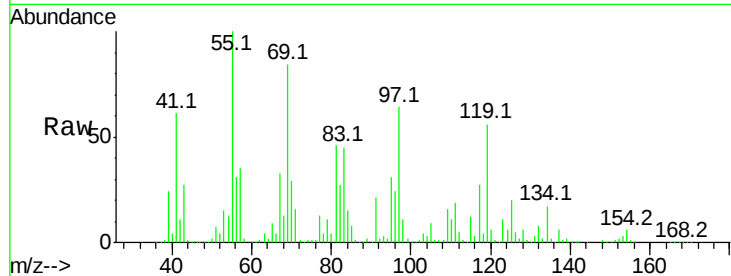
#23
 Nitrobenzene-d5
 Concen: 142.40 ng
 RT: 7.34 min Scan# 460
 Delta R.T. 0.02 min
 Lab File: BF091904.D
 Acq: 23 Dec 2016 4:39

Instrument :
 BNA_F
 ClientSampleId :
 SB-52(0-1)-121916RE

Tot Ion	Ratio	Lower	Upper
82	100		
128	20.8	34.6	52.0#
54	48.2	39.5	59.3

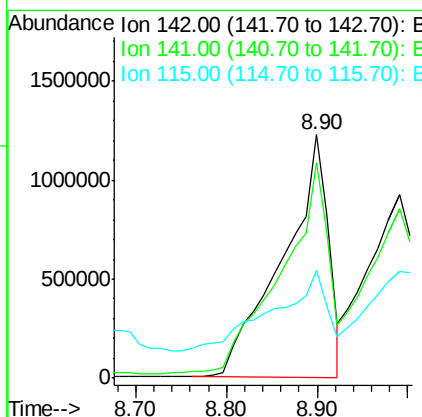
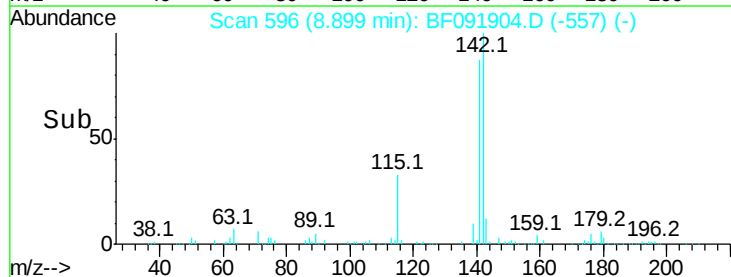
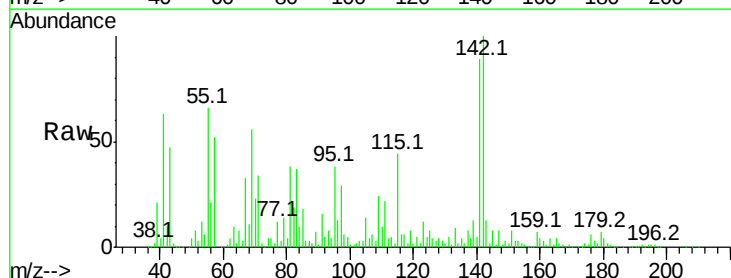
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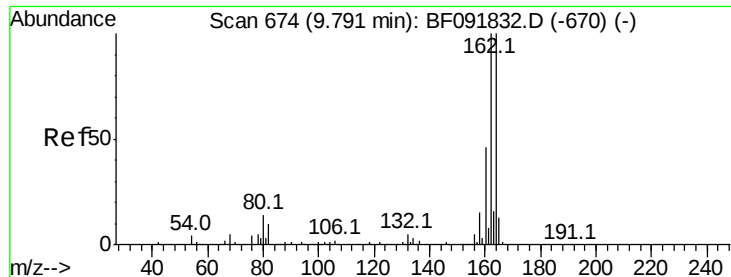
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#37
 2-Methylnaphthalene
 Concen: Below Cal m
 RT: 8.90 min Scan# 596
 Delta R.T. 0.15 min
 Lab File: BF091904.D
 Acq: 23 Dec 2016 4:39

Tgt Ion	Ratio	Lower	Upper
142	100		
141	88.7	71.0	106.6
115	44.2	28.3	42.5#





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.88 min Scan# 682

Delta R.T. 0.09 min

Lab File: BF091904.D

Acq: 23 Dec 2016 4:39

Instrument :

BNA_F

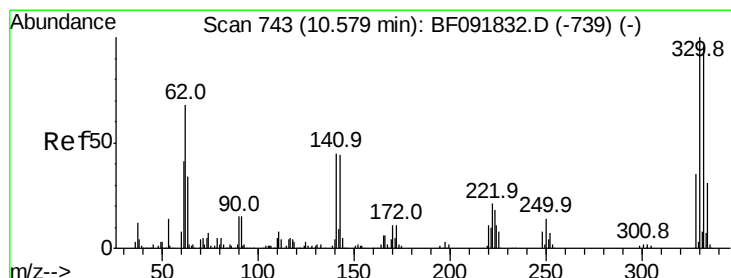
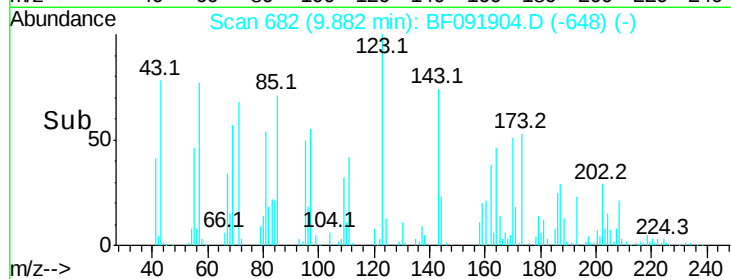
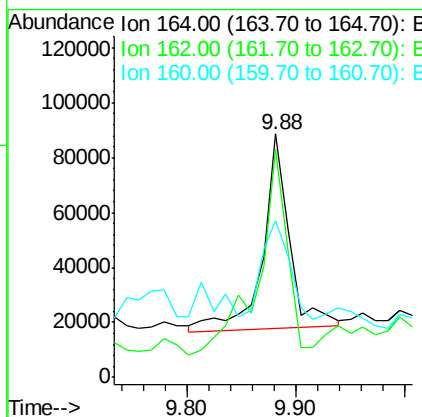
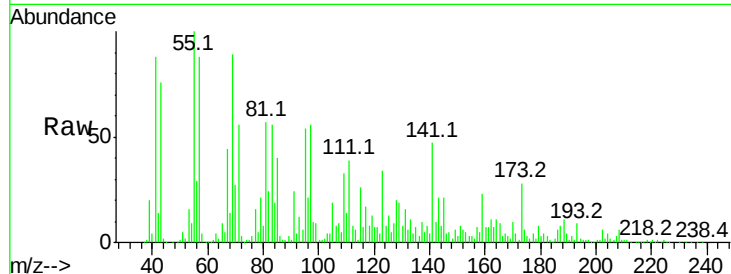
ClientSampleId :

SB-52(0-1)-121916RE

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	93.8	80.2	120.2	
160	64.3	36.9	55.3#	

Manual Integrations
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#41

2,4,6-Tribromophenol

Concen: 271.82 ng

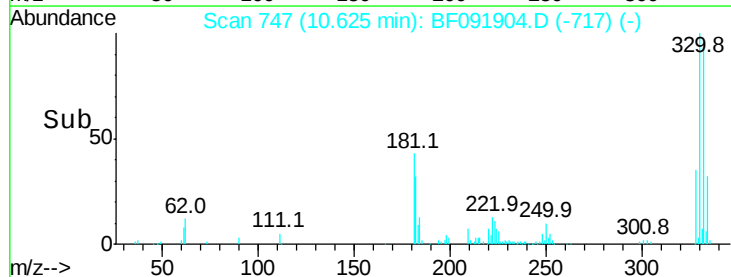
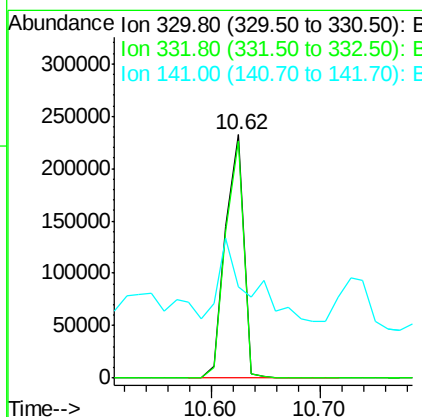
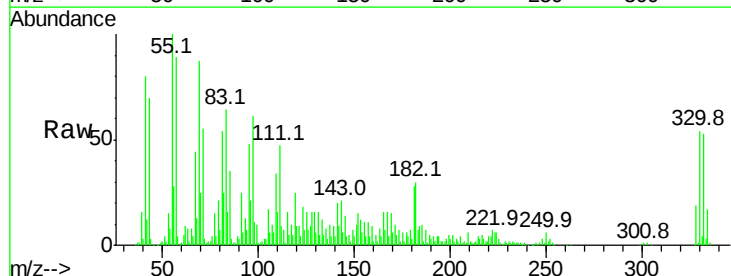
RT: 10.62 min Scan# 747

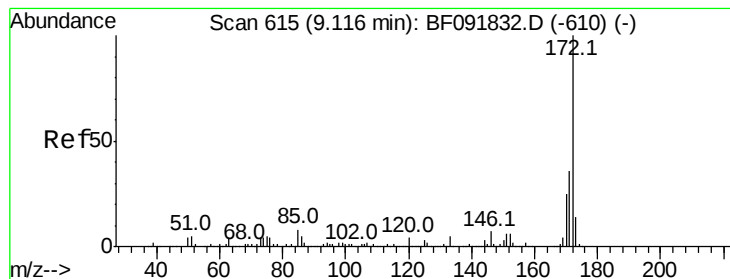
Delta R.T. 0.05 min

Lab File: BF091904.D

Acq: 23 Dec 2016 4:39

Tgt Ion	Ratio	Resp	Lower	Upper
330	100			
332	96.6	77.4	116.2	
141	55.8	34.1	51.1#	





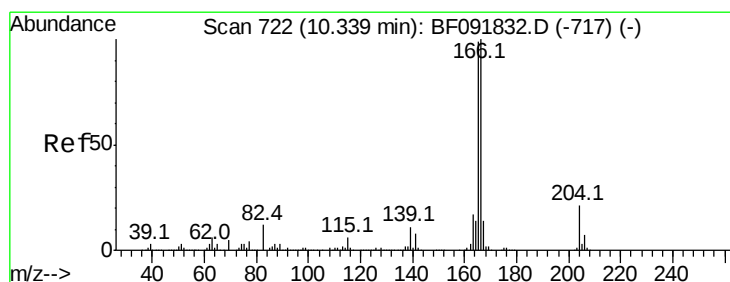
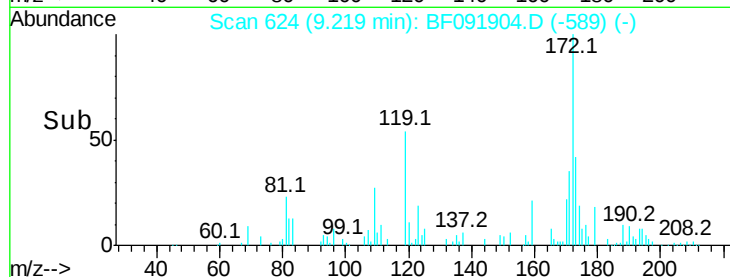
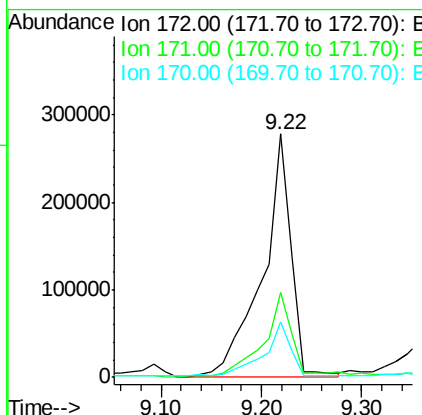
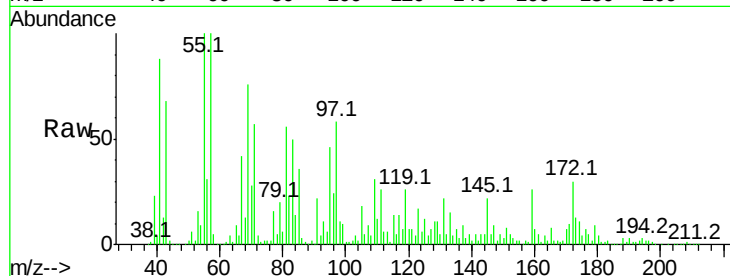
#44
2-Fluorobiphenyl
Concen: 93.33 ng
RT: 9.22 min Scan# 624
Delta R.T. 0.10 min
Lab File: BF091904.D
Acq: 23 Dec 2016 4:39

Instrument :
BNA_F
ClientSampleId :
SB-52(0-1)-121916RE

Tot Ion	Ratio	Lower	Upper
172	100		
171	34.8	29.4	44.0
170	22.9	20.2	30.4

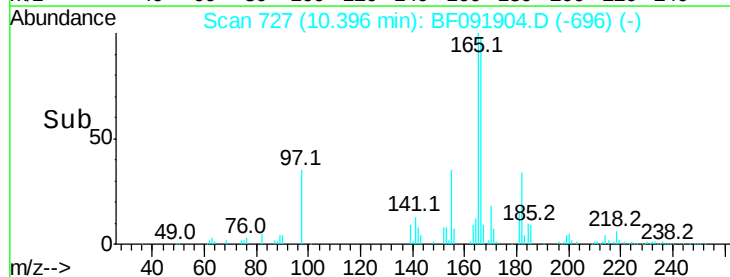
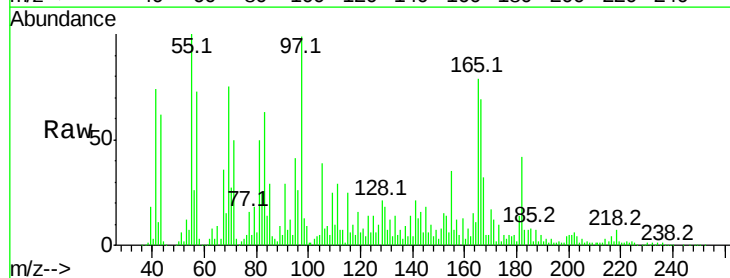
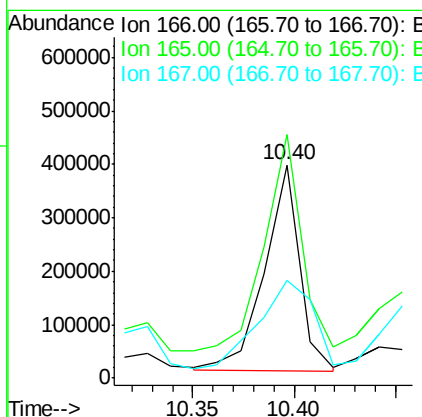
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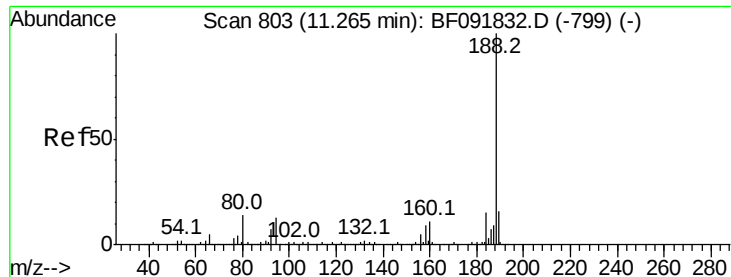
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#57
Fluorene
Concen: 69.86 ng m
RT: 10.40 min Scan# 727
Delta R.T. 0.06 min
Lab File: BF091904.D
Acq: 23 Dec 2016 4:39

Tgt Ion	Ratio	Lower	Upper
166	100		
165	114.3	77.8	116.8
167	45.9	10.8	16.2#





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.28 min Scan# 804

Delta R.T. 0.01 min

Lab File: BF091904.D

Acq: 23 Dec 2016 4:39

Instrument :

BNA_F

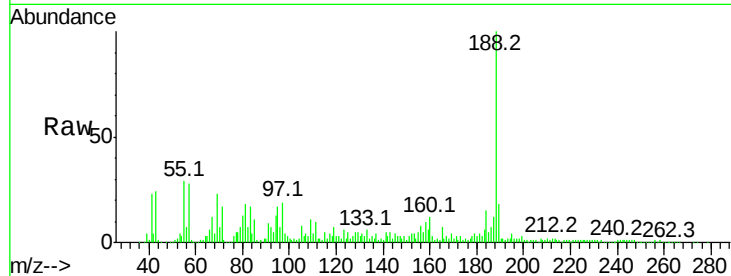
ClientSampleId :

SB-52(0-1)-121916RE

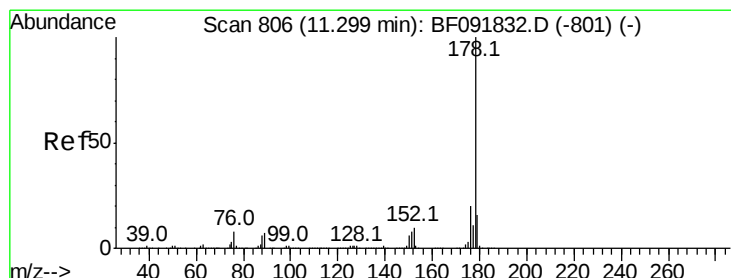
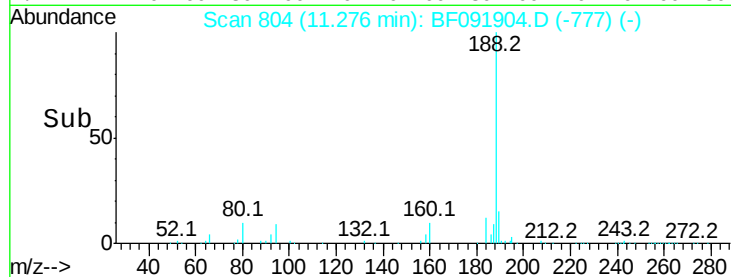
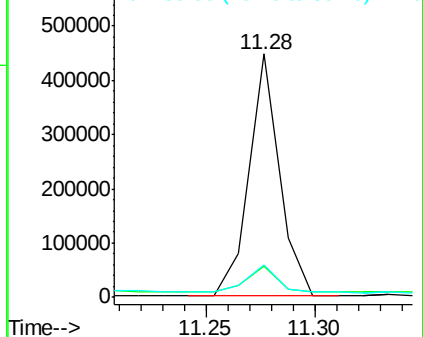
Tot Ion:	188	Resp:	434772
Ion Ratio	Lower	Upper	
188	100		
94	12.6	10.0	15.0
80	13.3	11.2	16.8

Manual Integrations
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Abundance Ion 188.00 (187.70 to 188.70): E



#70

Phenanthrene

Concen: 19.12 ng

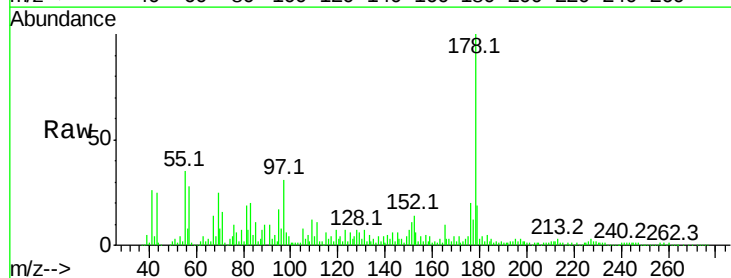
RT: 11.30 min Scan# 806

Delta R.T. -0.00 min

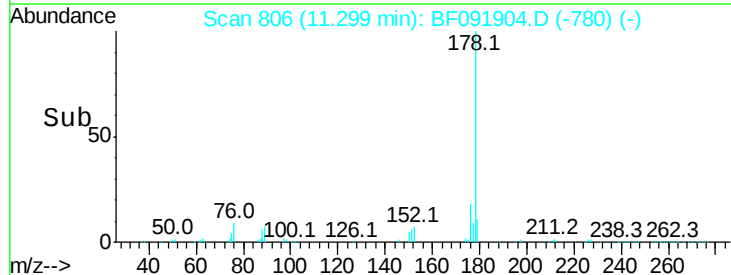
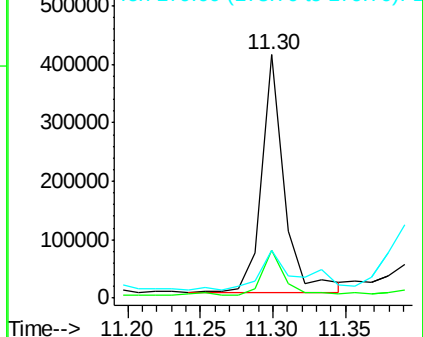
Lab File: BF091904.D

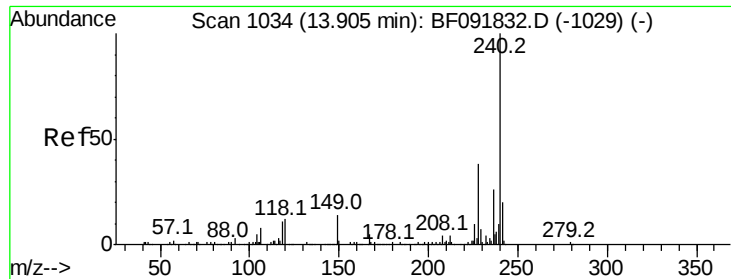
Acq: 23 Dec 2016 4:39

Tgt Ion:	178	Resp:	450724
Ion Ratio	Lower	Upper	
178	100		
176	19.6	16.6	25.0
179	19.4	12.8	19.2#



Abundance Ion 178.00 (177.70 to 178.70): E





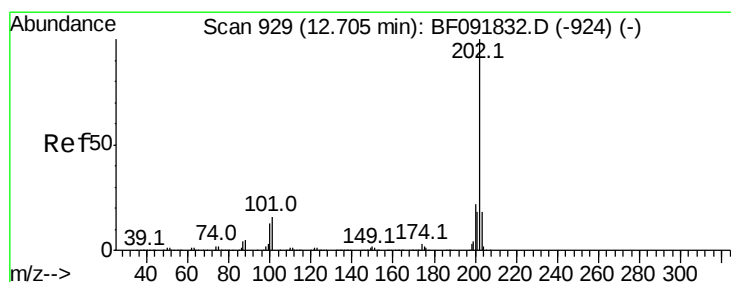
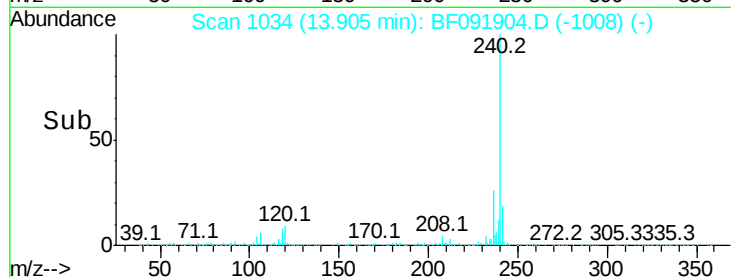
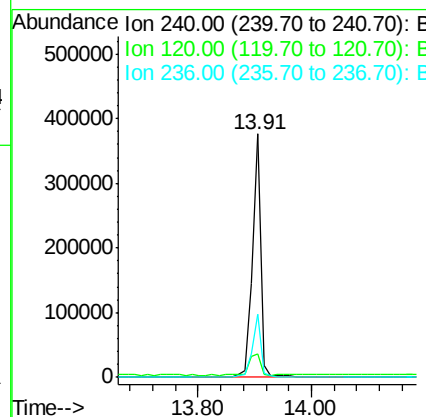
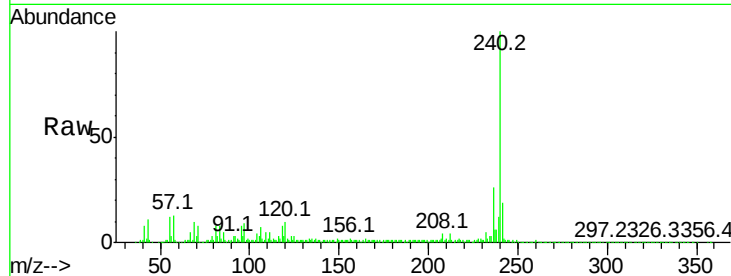
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.91 min Scan# 1034
Delta R.T. -0.00 min
Lab File: BF091904.D
Acq: 23 Dec 2016 4:39

Instrument :
BNA_F
ClientSampleId :
SB-52(0-1)-121916RE

Tot Ion	Ratio	Lower	Upper
240	100		
120	9.8	12.9	19.3#
236	25.8	20.9	31.3

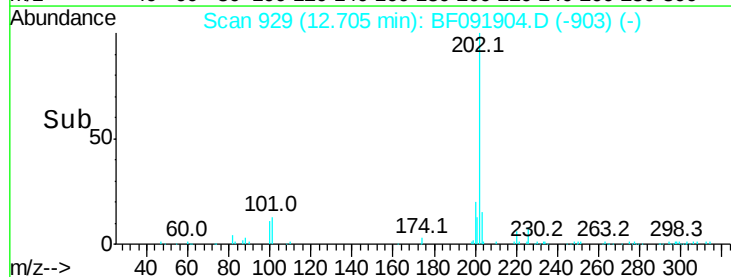
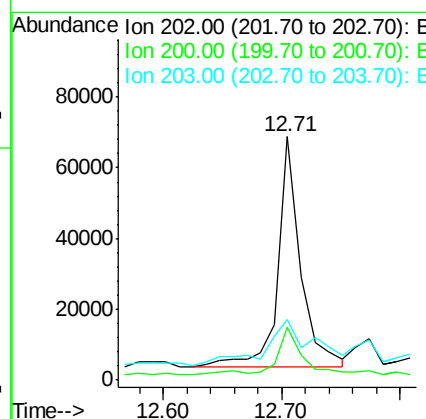
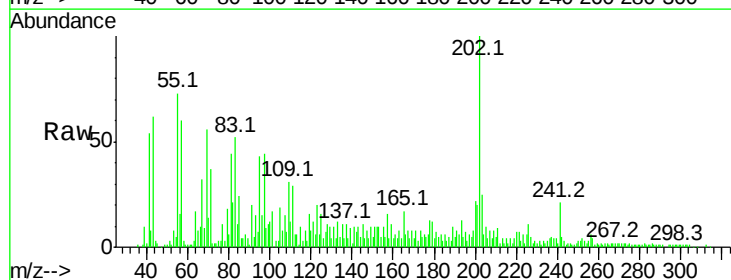
Manual Integrations
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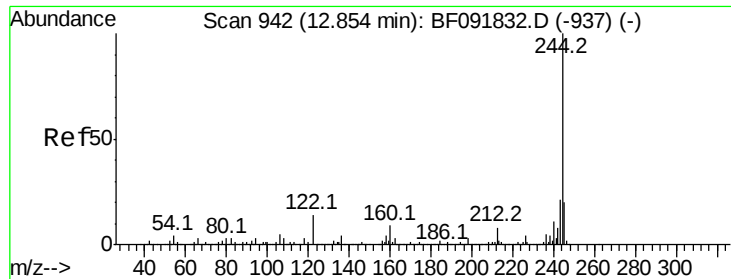
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#77
Pyrene
Concen: 3.07 ng
RT: 12.71 min Scan# 929
Delta R.T. -0.00 min
Lab File: BF091904.D
Acq: 23 Dec 2016 4:39

Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.7	17.7	26.5
203	25.0	14.7	22.1#





#78

Terphenyl-d14

Concen: 91.46 ng

RT: 12.85 min Scan# 942

Delta R.T. -0.00 min

Lab File: BF091904.D

Acq: 23 Dec 2016 4:39

Instrument :

BNA_F

ClientSampleId :

SB-52(0-1)-121916RE

Tot Ion:244 Resp: 1462898

Ion Ratio Lower Upper

244 100

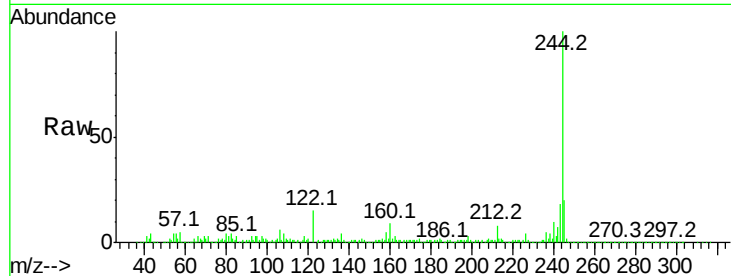
212 7.7 6.2 9.2

122 14.8 11.4 17.2

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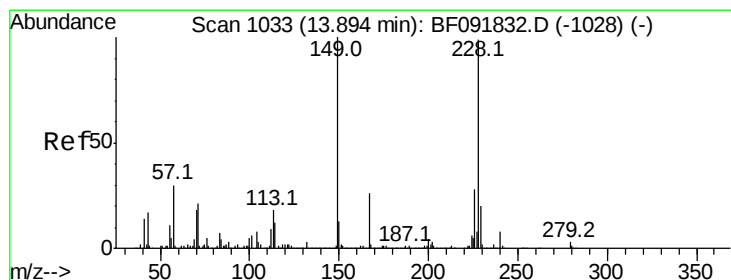
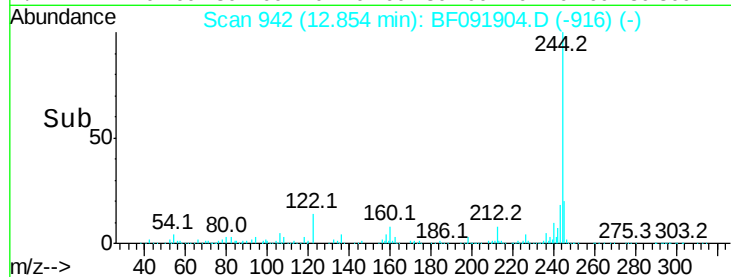
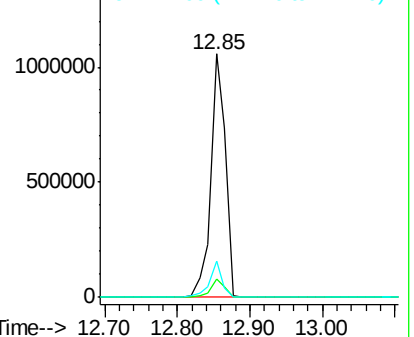
12/23/2016 5:53:22 PM



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: 4.50 ng

RT: 13.89 min Scan# 1033

Delta R.T. -0.00 min

Lab File: BF091904.D

Acq: 23 Dec 2016 4:39

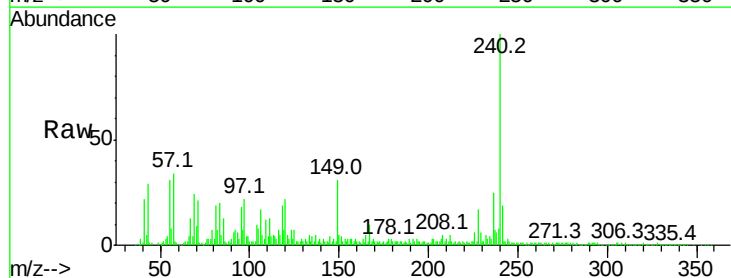
Tgt Ion:149 Resp: 68570

Ion Ratio Lower Upper

149 100

167 32.4 20.2 30.4#

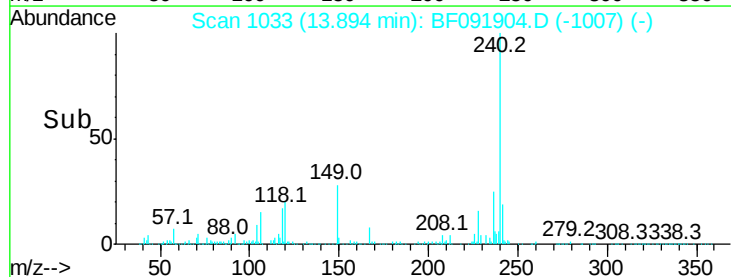
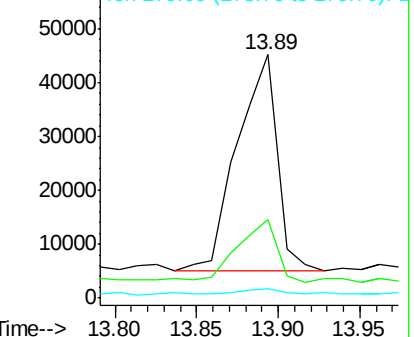
279 4.1 1.8 2.8#

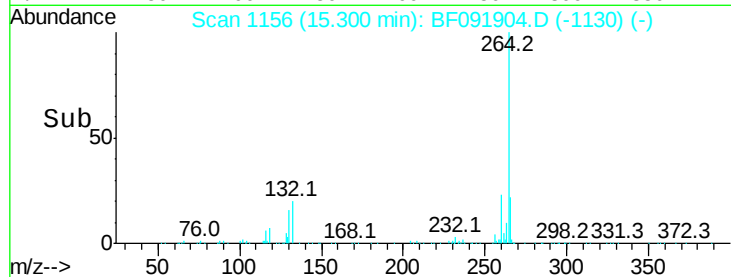
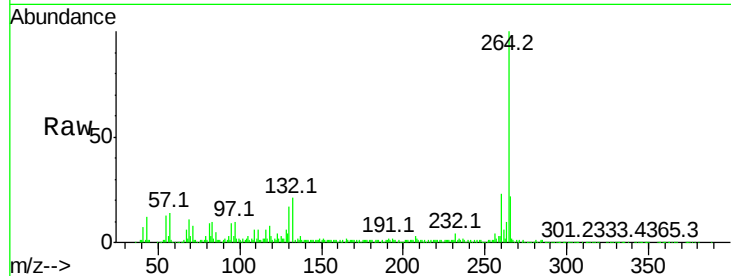
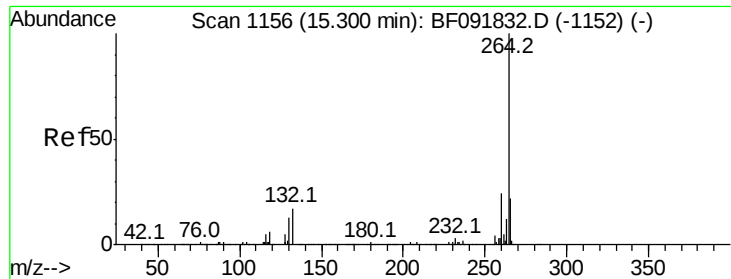


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.30 min Scan# 1156
Delta R.T. -0.00 min
Lab File: BF091904.D
Acq: 23 Dec 2016 4:39

Instrument :
BNA_F
ClientSampleId :
SB-52(0-1)-121916RE

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.2	28.8
265	22.1	17.4	26.0

Manual Integrations
APPROVED

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12/23/2016 5:53:22 PM

