

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122216\
 Data File : BF091888.D
 Acq On : 22 Dec 2016 16:14
 Operator : UM/SJ
 Sample : H6182-06
 Misc :
 ALS Vial : 55 Sample Multiplier: 1

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

Manual Integrations
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Quant Time: Dec 23 16:36:23 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	177108m	20.00	ng	0.02
21) Naphthalene-d8	8.10	136	300475m	20.00	ng	0.06
38) Acenaphthene-d10	9.88	164	134304m	20.00	ng	0.09
63) Phenanthrene-d10	11.29	188	559292m	20.00	ng	0.02
75) Chrysene-d12	13.91	240	518963m	20.00	ng	0.00
86) Perylene-d12	15.31	264	481426m	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	2226105	209.87	ng	0.07
7) Phenol-d6	6.46	99	1899083	146.65	ng	0.06
23) Nitrobenzene-d5	7.34	82	919666m	170.19	ng	0.02
41) 2,4,6-Tribromophenol	10.62	330	267767m	240.91	ng	0.05
44) 2-Fluorobiphenyl	9.22	172	530321m	80.17	ng	0.10
78) Terphenyl-d14	12.86	244	1866500m	87.23	ng	0.01
Target Compounds						
37) 2-Methylnaphthalene	8.90	142	3822899m	Below Cal		Qvalue
57) Fluorene	10.40	166	468550m	62.81	ng	
70) Phenanthrene	11.31	178	591069m	19.49	ng	
77) Pyrene	12.72	202	108182m	2.84	ng	
83) Bis(2-ethylhexyl)phthalate	13.89	149	108890m	5.34	ng	

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

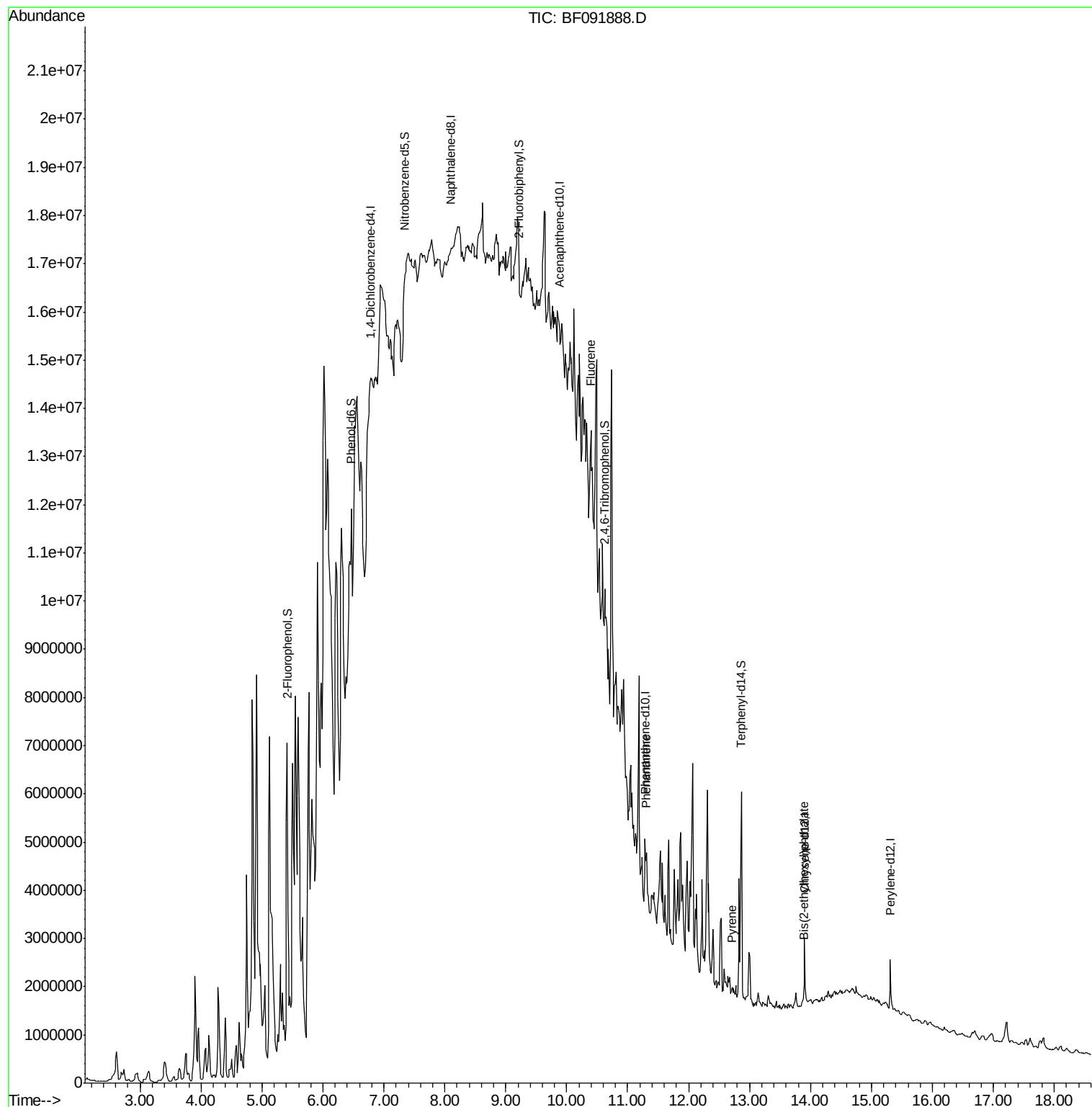
Data Path : Z:\HPCHEM1\BNA F\DATA\BF122216\
Data File : BF091888.D
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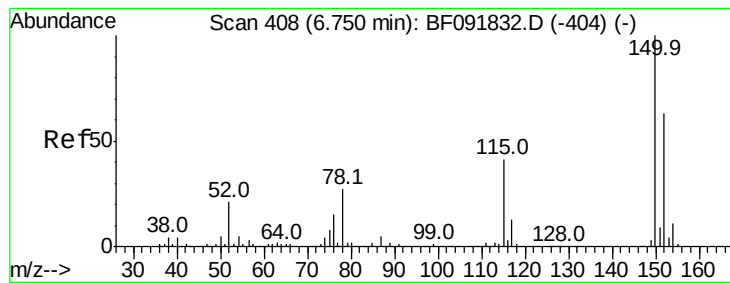
Instrument :
BNA_F
ClientSampleId :
SB-52(0-1)-121916

Manual Integrations
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Quant Time: Dec 23 16:36:23 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





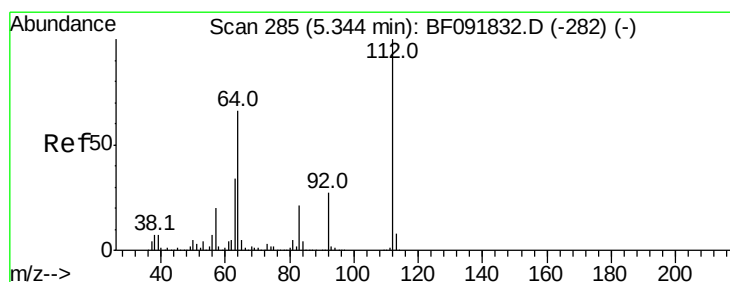
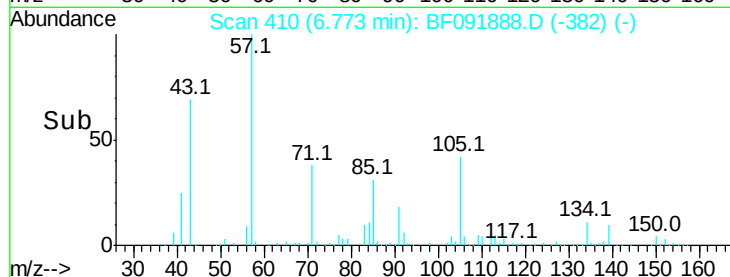
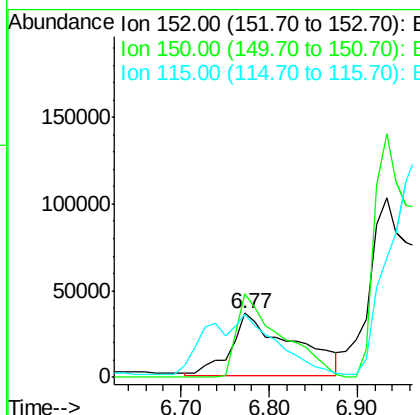
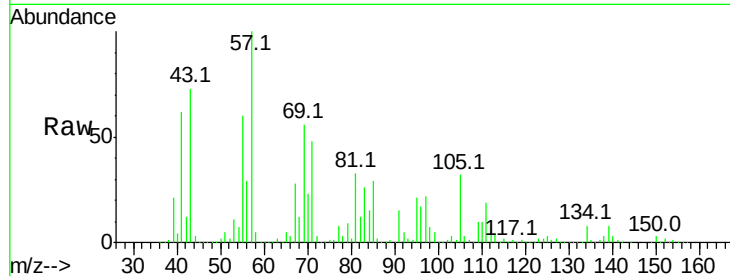
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng/ml
 RT: 6.77 min Scan# 410
 Delta R.T. 0.02 min
 Lab File: BF091888.D
 Acq: 22 Dec 2016 16:14

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

Tot Ion	Ratio	Lower	Upper
152	100		
150	129.7	124.9	187.3
115	98.9	46.0	69.0

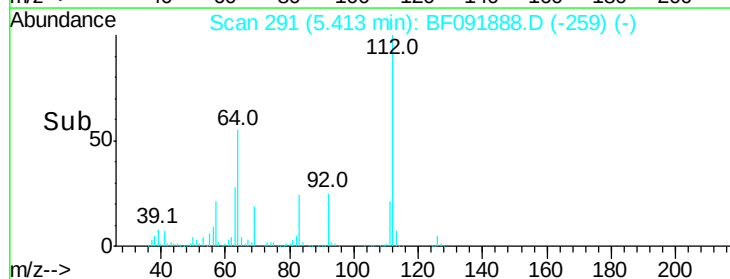
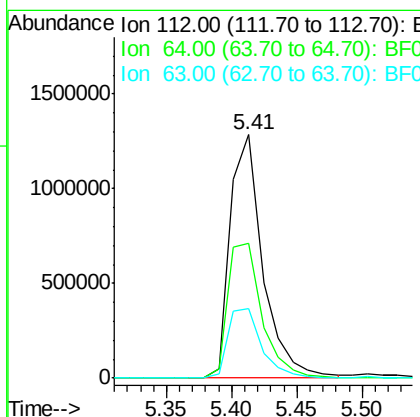
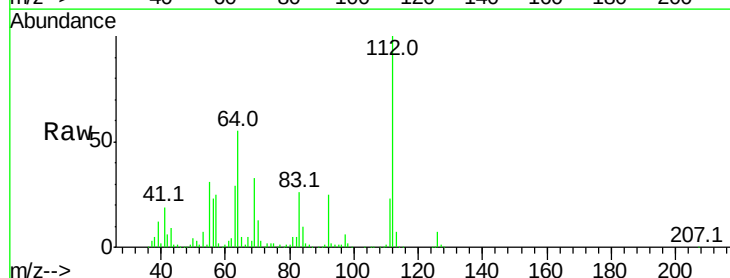
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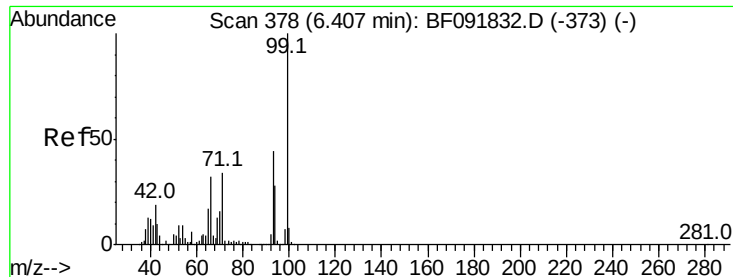
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#5
 2-Fluorophenol
 Concen: 209.87 ng
 RT: 5.41 min Scan# 291
 Delta R.T. 0.07 min
 Lab File: BF091888.D
 Acq: 22 Dec 2016 16:14

Tgt Ion	Ratio	Lower	Upper
112	100		
64	55.2	46.1	69.1
63	28.6	23.8	35.6





#7

Phenol-d6

Concen: 146.65 ng

RT: 6.46 min Scan# 383

Delta R.T. 0.06 min

Lab File: BF091888.D

Acq: 22 Dec 2016 16:14

Instrument :

BNA_F

ClientSampleId :

SB-52(0-1)-121916

Tot Ion: 99 Resp: 1899083

Ion Ratio Lower Upper

99 100

42 28.1 15.6 23.4#

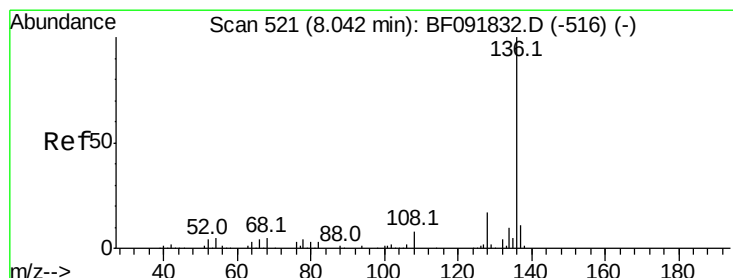
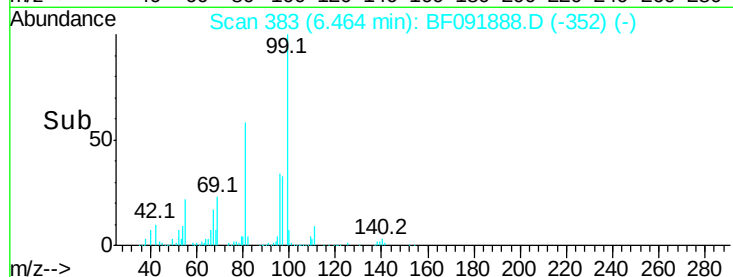
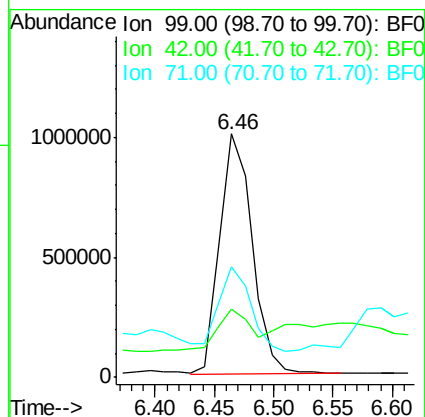
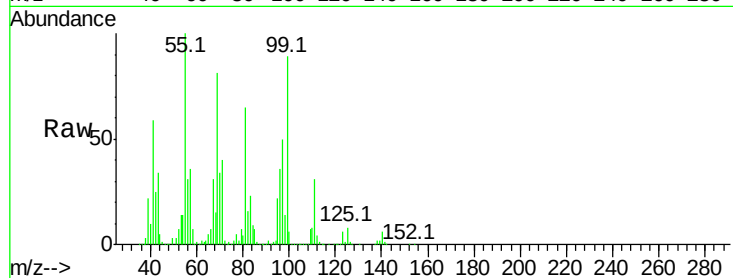
71 45.5 27.5 41.3#

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#21

Naphthalene-d8

Concen: 20.00 ng m

RT: 8.10 min Scan# 526

Delta R.T. 0.06 min

Lab File: BF091888.D

Acq: 22 Dec 2016 16:14

Tgt Ion: 136 Resp: 300475

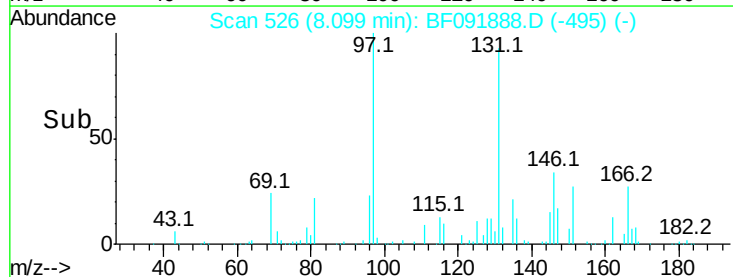
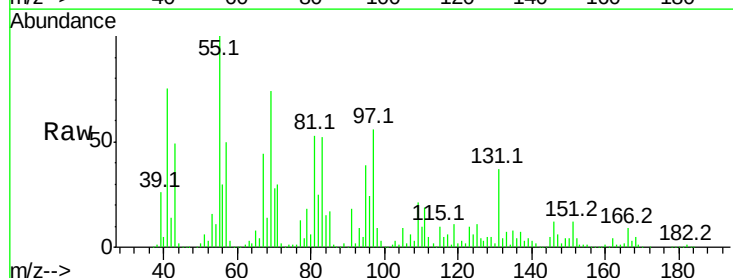
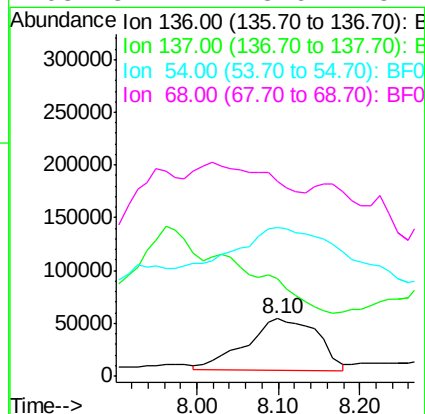
Ion Ratio Lower Upper

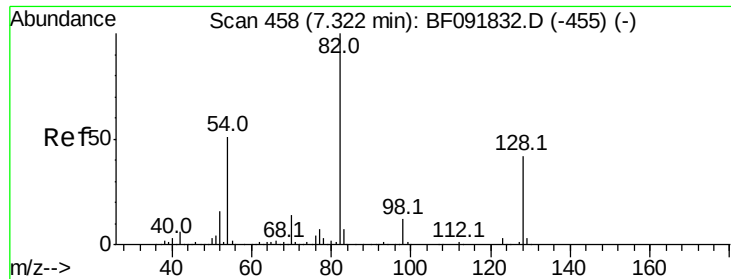
136 100

137 169.6 8.4 12.6#

54 260.2 4.5 6.7#

68 342.2 3.6 5.4#





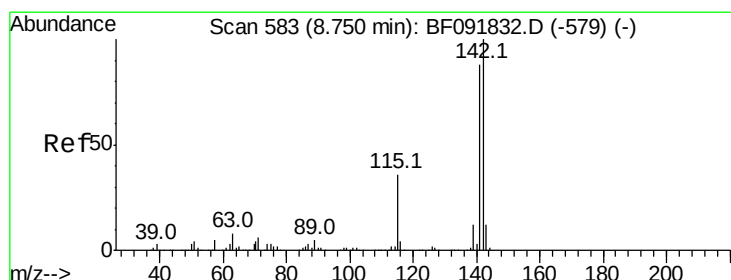
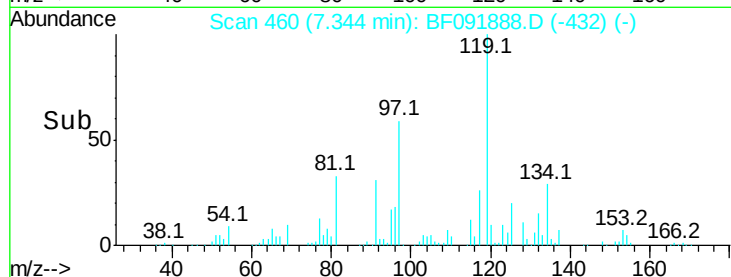
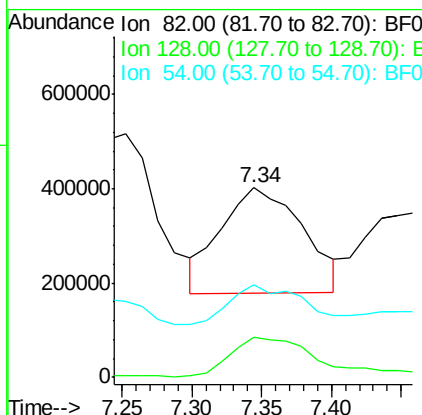
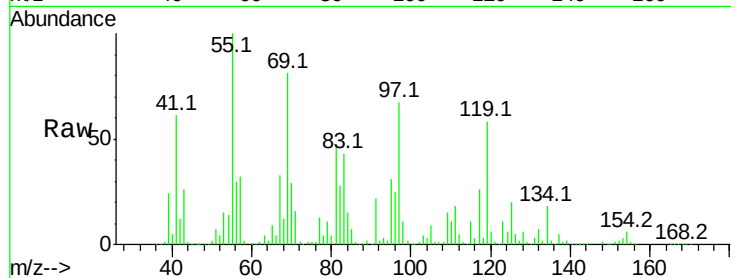
#23
Nitrobenzene-d5
Concen: 170.19 ng/ml
RT: 7.34 min Scan# 460
Delta R.T. 0.02 min
Lab File: BF091888.D
Acq: 22 Dec 2016 16:14

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

Tot Ion	Ratio	Lower	Upper
82	100		
128	20.8	34.6	52.0#
54	48.7	39.5	59.3

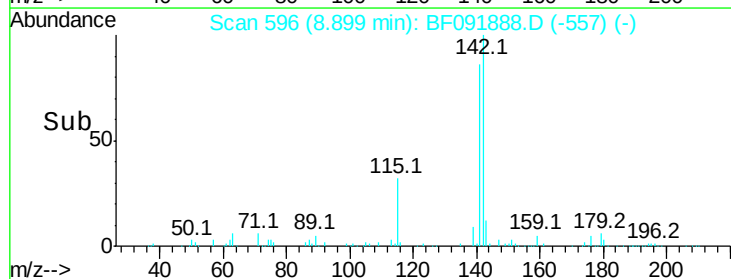
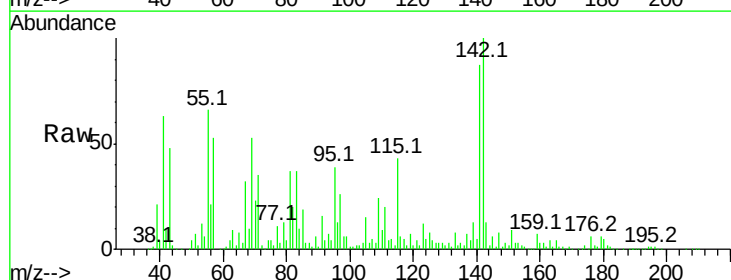
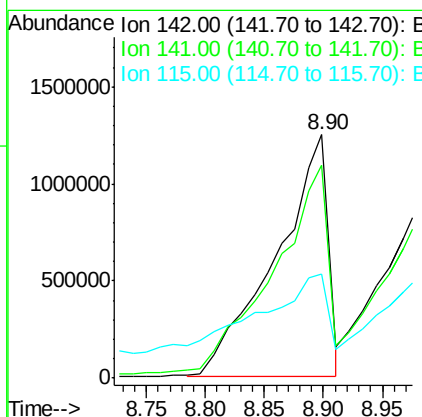
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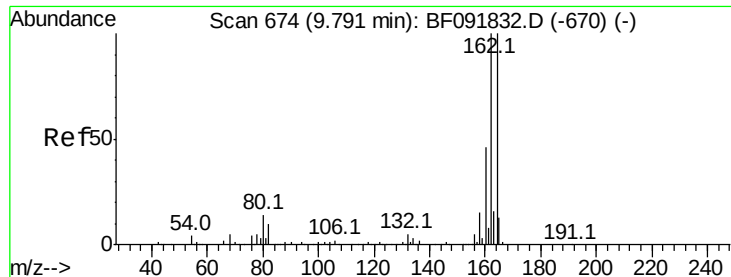
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#37
2-Methylnaphthalene
Concen: Below Cal m
RT: 8.90 min Scan# 596
Delta R.T. 0.15 min
Lab File: BF091888.D
Acq: 22 Dec 2016 16:14

Tgt Ion	Ratio	Lower	Upper
142	100		
141	87.4	71.0	106.6
115	42.6	28.3	42.5#





#38

Acenaphthene-d10

Concen: 20.00 ng m

RT: 9.88 min Scan# 682

Delta R.T. 0.09 min

Lab File: BF091888.D

Acq: 22 Dec 2016 16:14

Instrument :

BNA_F

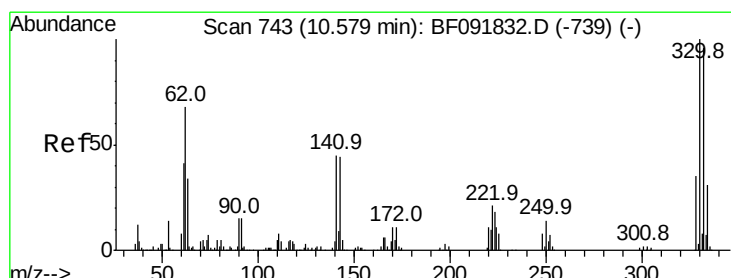
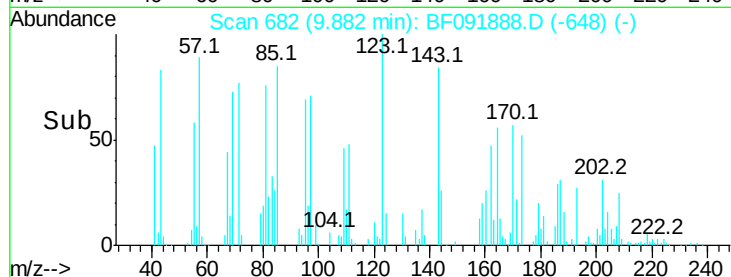
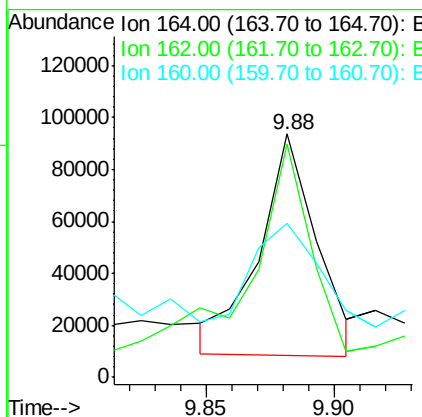
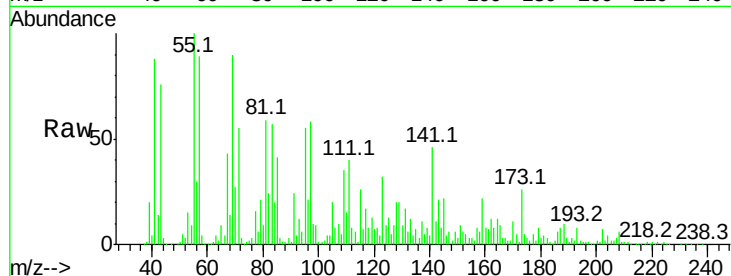
ClientSampleId :

SB-52(0-1)-121916

Tot Ion	Ratio	Lower	Upper
164	100		
162	95.6	80.2	120.2
160	63.3	36.9	55.3#

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#41

2,4,6-Tribromophenol

Concen: 240.91 ng m

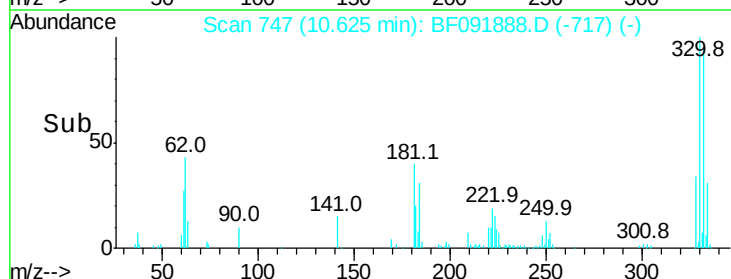
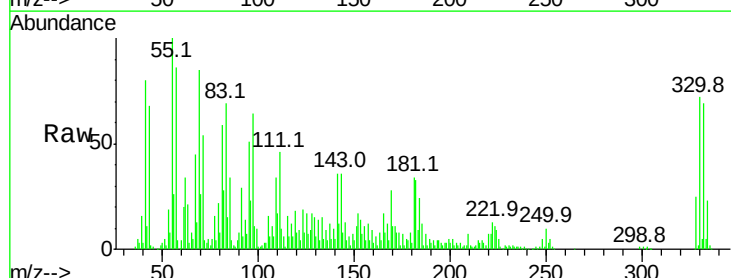
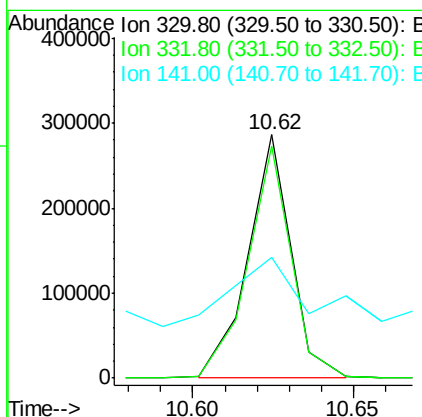
RT: 10.62 min Scan# 747

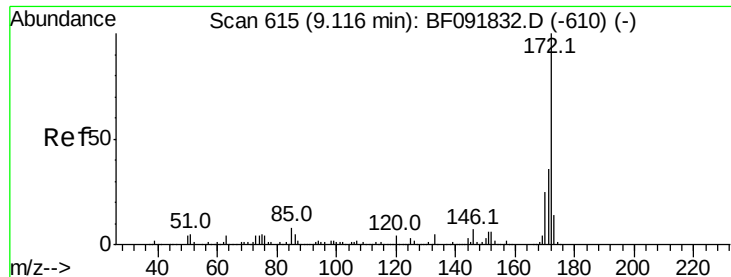
Delta R.T. 0.05 min

Lab File: BF091888.D

Acq: 22 Dec 2016 16:14

Tgt Ion	Ratio	Lower	Upper
330	100		
332	0.0	77.4	116.2#
141	0.0	34.1	51.1#





#44

2-Fluorobiphenyl

Concen: 80.17 ng m

RT: 9.22 min Scan# 624

Delta R.T. 0.10 min

Lab File: BF091888.D

Acq: 22 Dec 2016 16:14

Instrument :

BNA_F

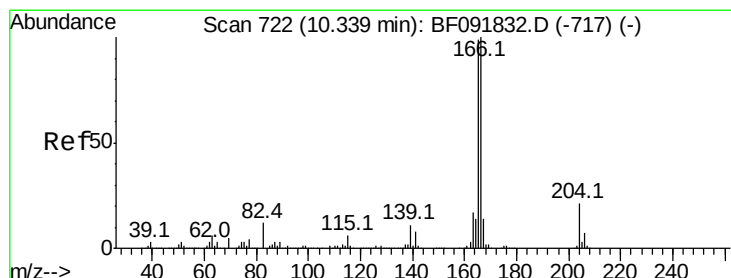
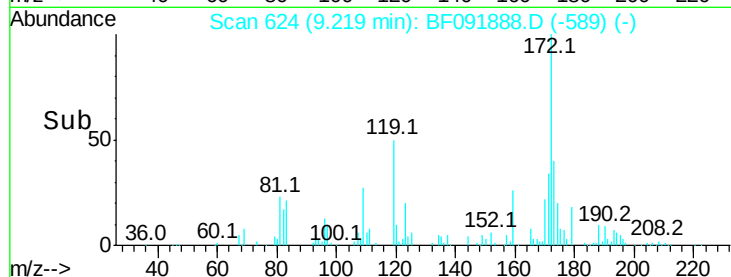
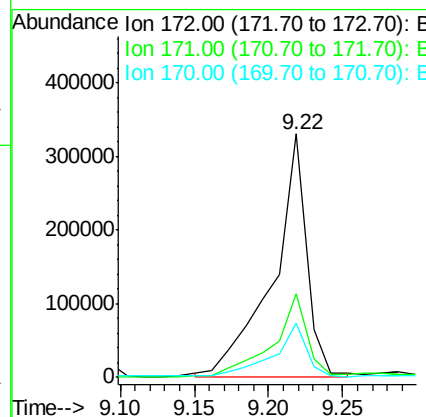
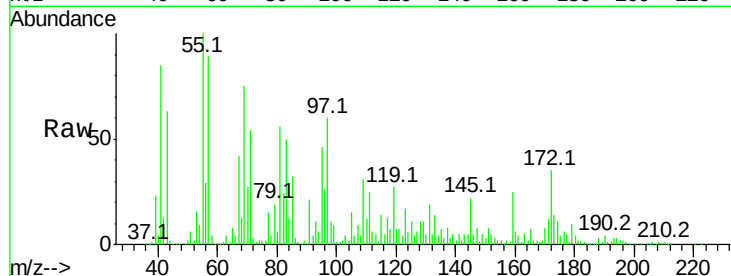
ClientSampleId :

SB-52(0-1)-121916

Tot Ion:	172	Resp:	530321
Ion Ratio	Lower	Upper	
172	100		
171	34.1	29.4	44.0
170	22.2	20.2	30.4

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#57

Fluorene

Concen: 62.81 ng m

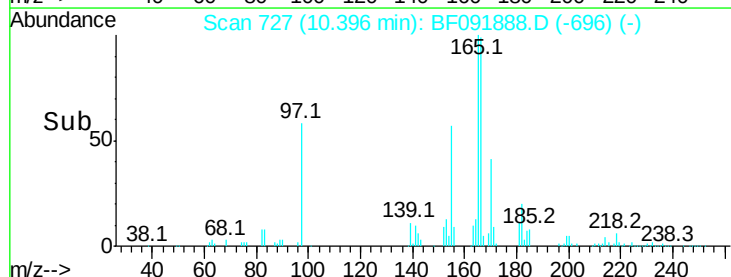
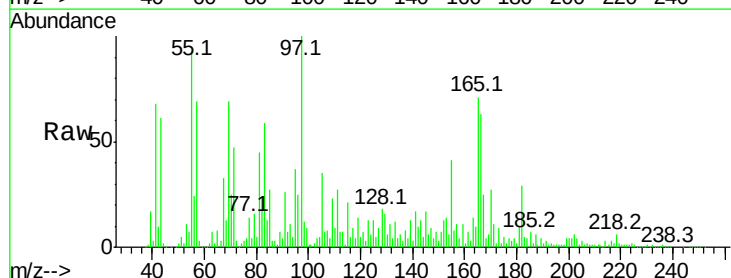
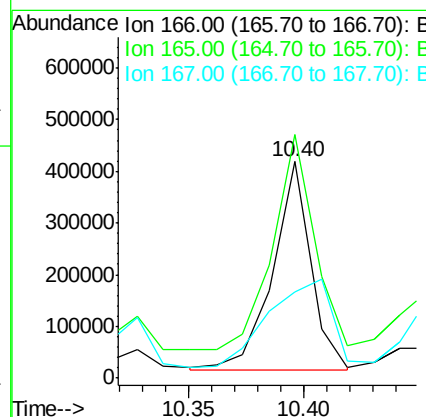
RT: 10.40 min Scan# 727

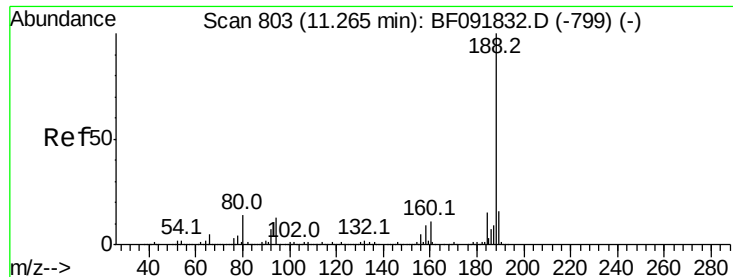
Delta R.T. 0.06 min

Lab File: BF091888.D

Acq: 22 Dec 2016 16:14

Tgt Ion:	166	Resp:	468550
Ion Ratio	Lower	Upper	
166	100		
165	112.4	77.8	116.8
167	39.6	10.8	16.2#





#63

Phenanthrene-d10

Concen: 20.00 ng m

RT: 11.29 min Scan# 805

Delta R.T. 0.02 min

Lab File: BF091888.D

Acq: 22 Dec 2016 16:14

Instrument :

BNA_F

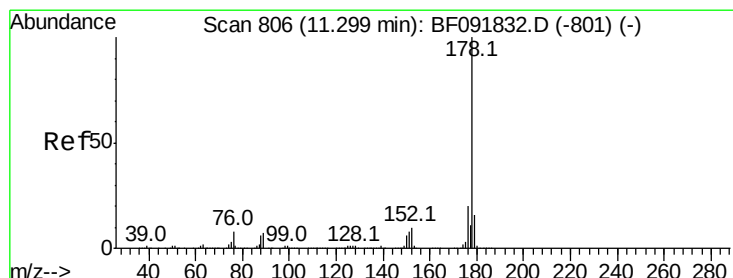
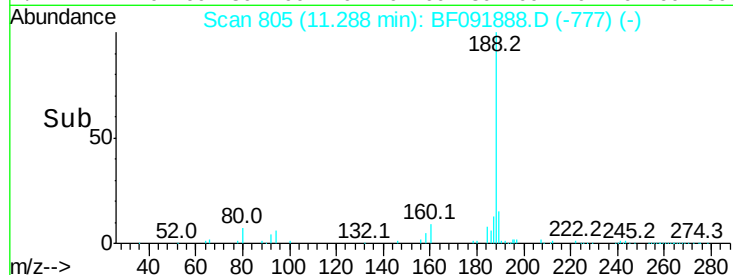
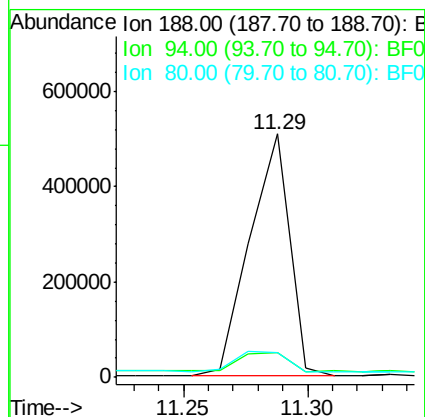
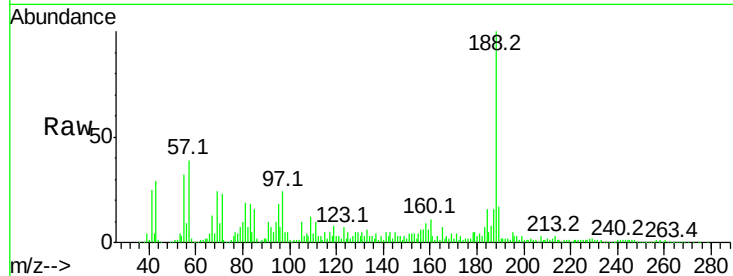
ClientSampleId :

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Tot Ion:	188	Resp:	559292
Ion Ratio	Lower	Upper	
188	100		
94	10.2	10.0	15.0
80	10.3	11.2	16.8#

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#70

Phenanthrene

Concen: 19.49 ng m

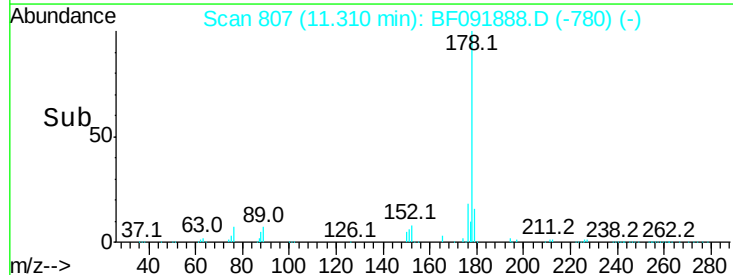
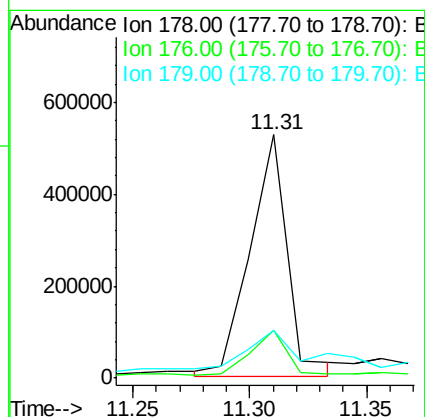
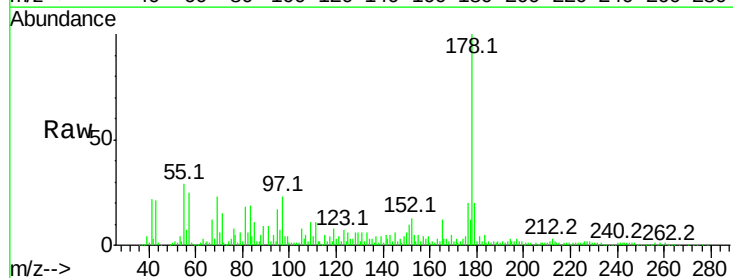
RT: 11.31 min Scan# 807

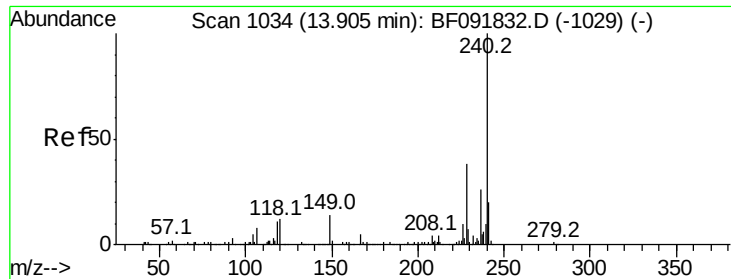
Delta R.T. 0.01 min

Lab File: BF091888.D

Acq: 22 Dec 2016 16:14

Tgt Ion:	178	Resp:	591069
Ion Ratio	Lower	Upper	
178	100		
176	19.7	16.6	25.0
179	19.6	12.8	19.2#





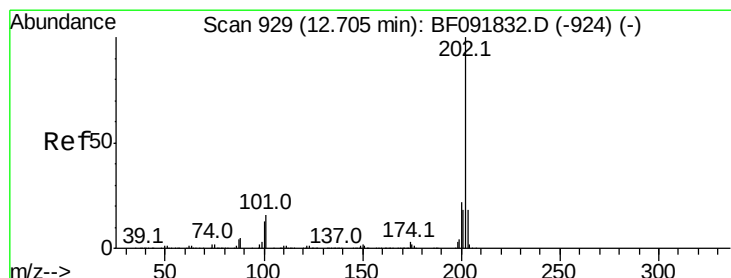
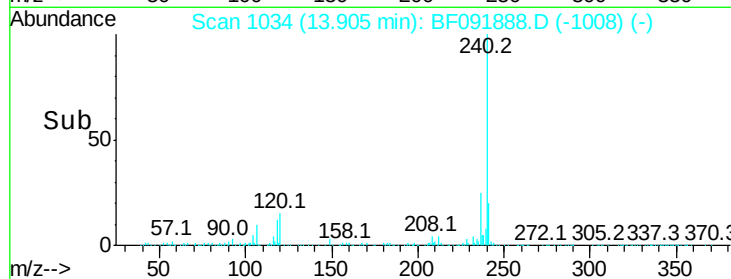
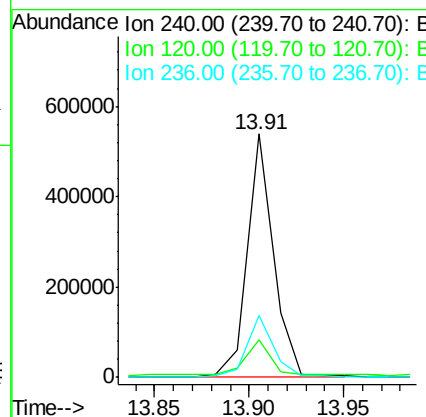
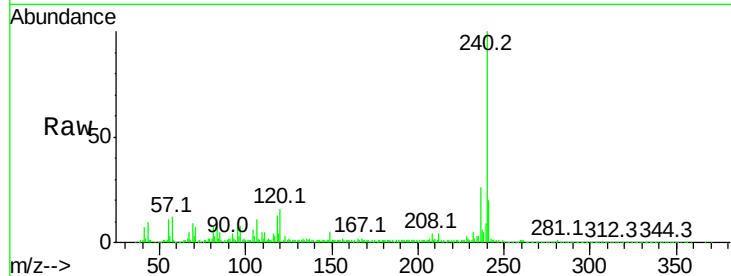
#75
Chrysene-d12
Concen: 20.00 ng m
RT: 13.91 min Scan# 1034
Delta R.T. -0.00 min
Lab File: BF091888.D
Acq: 22 Dec 2016 16:14

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

Tot Ion	Ratio	Lower	Upper
240	100		
120	15.5	12.9	19.3
236	25.6	20.9	31.3

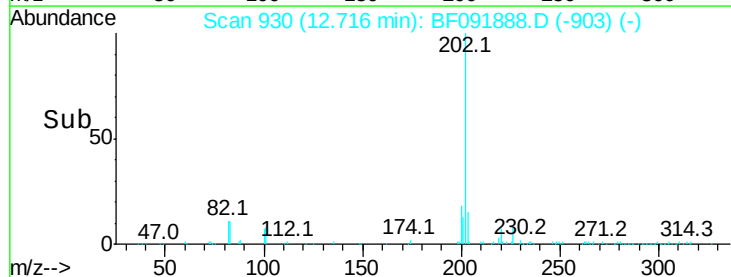
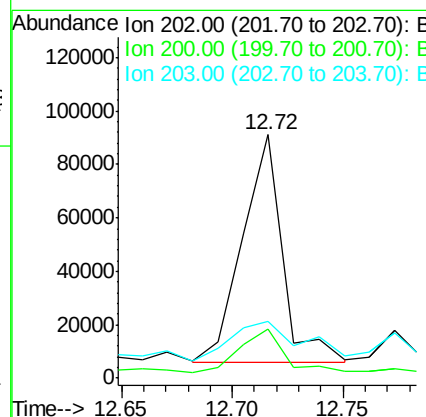
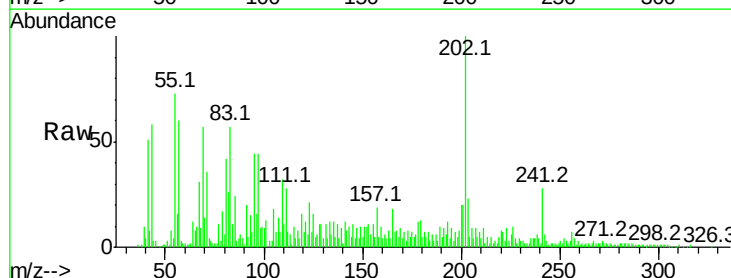
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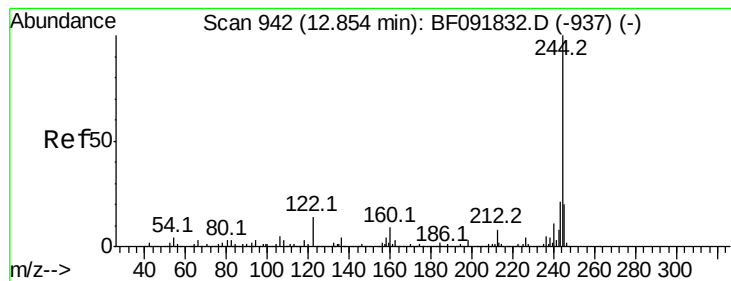
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#77
Pyrene
Concen: 2.84 ng m
RT: 12.72 min Scan# 930
Delta R.T. 0.01 min
Lab File: BF091888.D
Acq: 22 Dec 2016 16:14

Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.3	17.7	26.5
203	23.1	14.7	22.1#





#78

Terphenyl-d14

Concen: 87.23 ng m

RT: 12.86 min Scan# 943

Delta R.T. 0.01 min

Lab File: BF091888.D

Acq: 22 Dec 2016 16:14

Instrument :

BNA_F

ClientSampleId :

SB-52(0-1)-121916

Tot Ion:244 Resp: 1866500

Ion Ratio Lower Upper

244 100

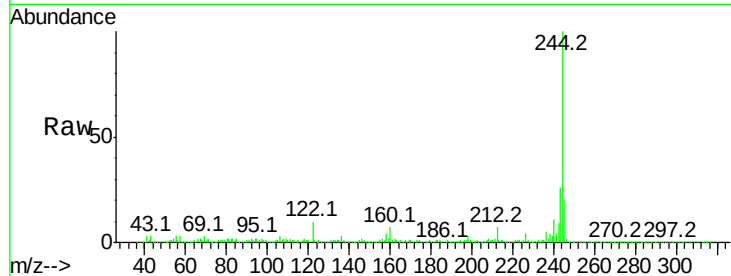
212 7.1 6.2 9.2

122 10.0 11.4 17.2#

Manual Integrations
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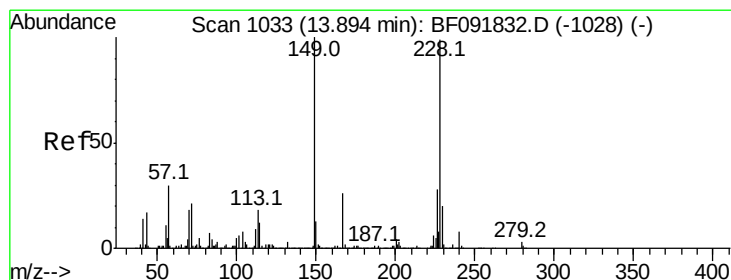
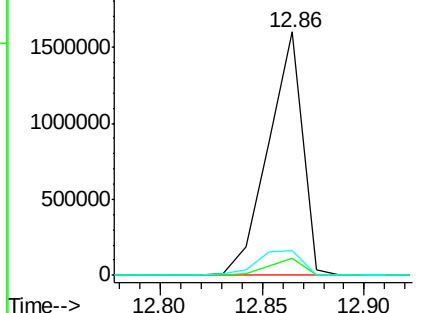
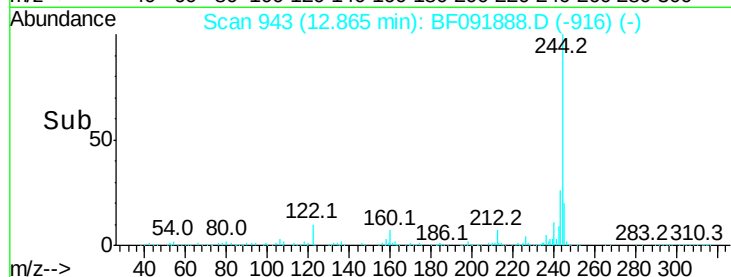
12/23/2016 5:52:59 PM



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: 5.34 ng m

RT: 13.89 min Scan# 1033

Delta R.T. -0.00 min

Lab File: BF091888.D

Acq: 22 Dec 2016 16:14

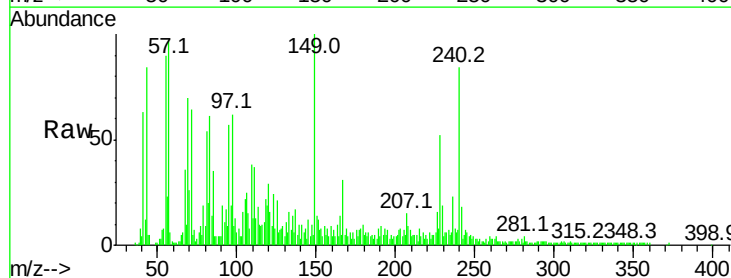
Tgt Ion:149 Resp: 108890

Ion Ratio Lower Upper

149 100

167 30.6 20.2 30.4#

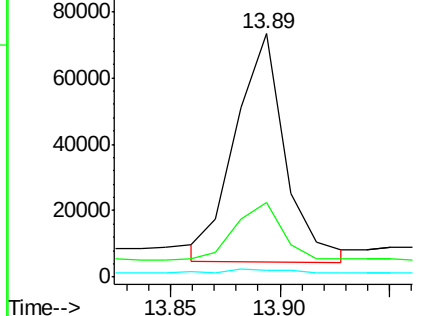
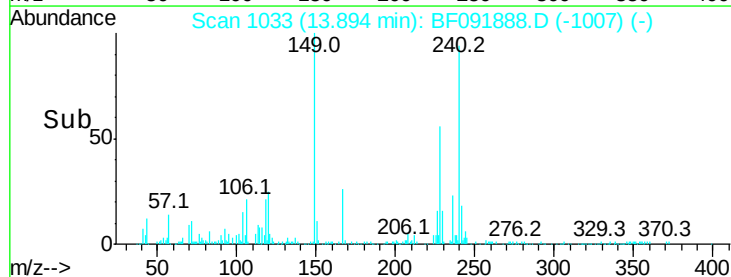
279 3.0 1.8 2.8#

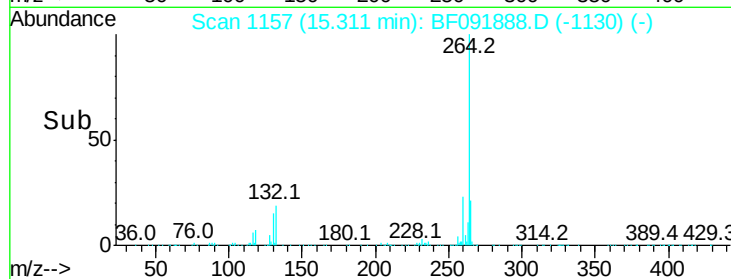
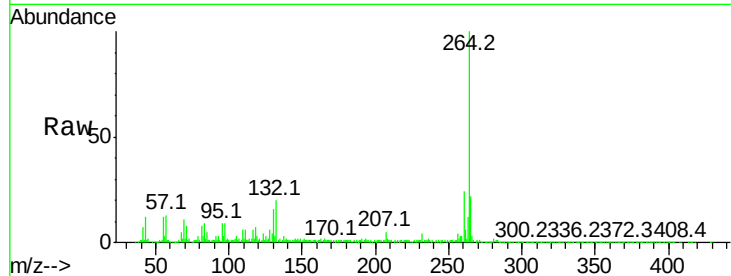
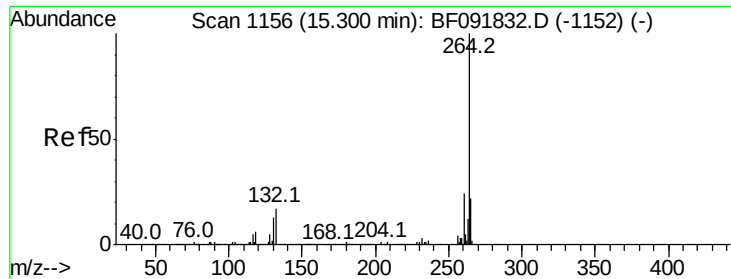


Abundance Ion 149.00 (148.70 to 149.70): E

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/ml
RT: 15.31 min Scan# 1157
Delta R.T. 0.01 min
Lab File: BF091888.D
Acq: 22 Dec 2016 16:14

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

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.2	28.8
265	22.1	17.4	26.0

Manual Integrations
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12/23/2016 5:52:59 PM

