

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122216\
 Data File : BF091889.D
 Acq On : 22 Dec 2016 16:41
 Operator : UM/SJ
 Sample : H6182-07
 Misc :
 ALS Vial : 56 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-52(6-8)-121916

Manual Integrations
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 12/23/2016 5:53:02 PM

Quant Time: Dec 23 16:41:56 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	6.76	152	132113	20.00	ng	0.01
21) Naphthalene-d8	8.06	136	559343	20.00	ng	0.02
38) Acenaphthene-d10	9.78	164	33566	20.00	ng	-0.01
63) Phenanthrene-d10	11.41	188	119467m	20.00	ng	0.15
75) Chrysene-d12	13.96	240	212065	20.00	ng	0.06
86) Perylene-d12	15.36	264	298650	20.00	ng	0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	1483843	187.54	ng	0.06
7) Phenol-d6	6.46	99	1445532	149.64	ng	0.06
23) Nitrobenzene-d5	7.33	82	375916	37.37	ng	0.01
41) 2,4,6-Tribromophenol	10.74	330	84471	304.09	ng	0.16
44) 2-Fluorobiphenyl	9.23	172	379242m	257.71	ng	0.11
78) Terphenyl-d14	12.93	244	409052	46.78	ng	0.08
Target Compounds						Qvalue
70) Phenanthrene	11.44	178	874938m	135.06	ng	
74) Fluoranthene	12.59	202	96089m	14.30	ng	
77) Pyrene	12.81	202	451894	29.04	ng	# 80

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

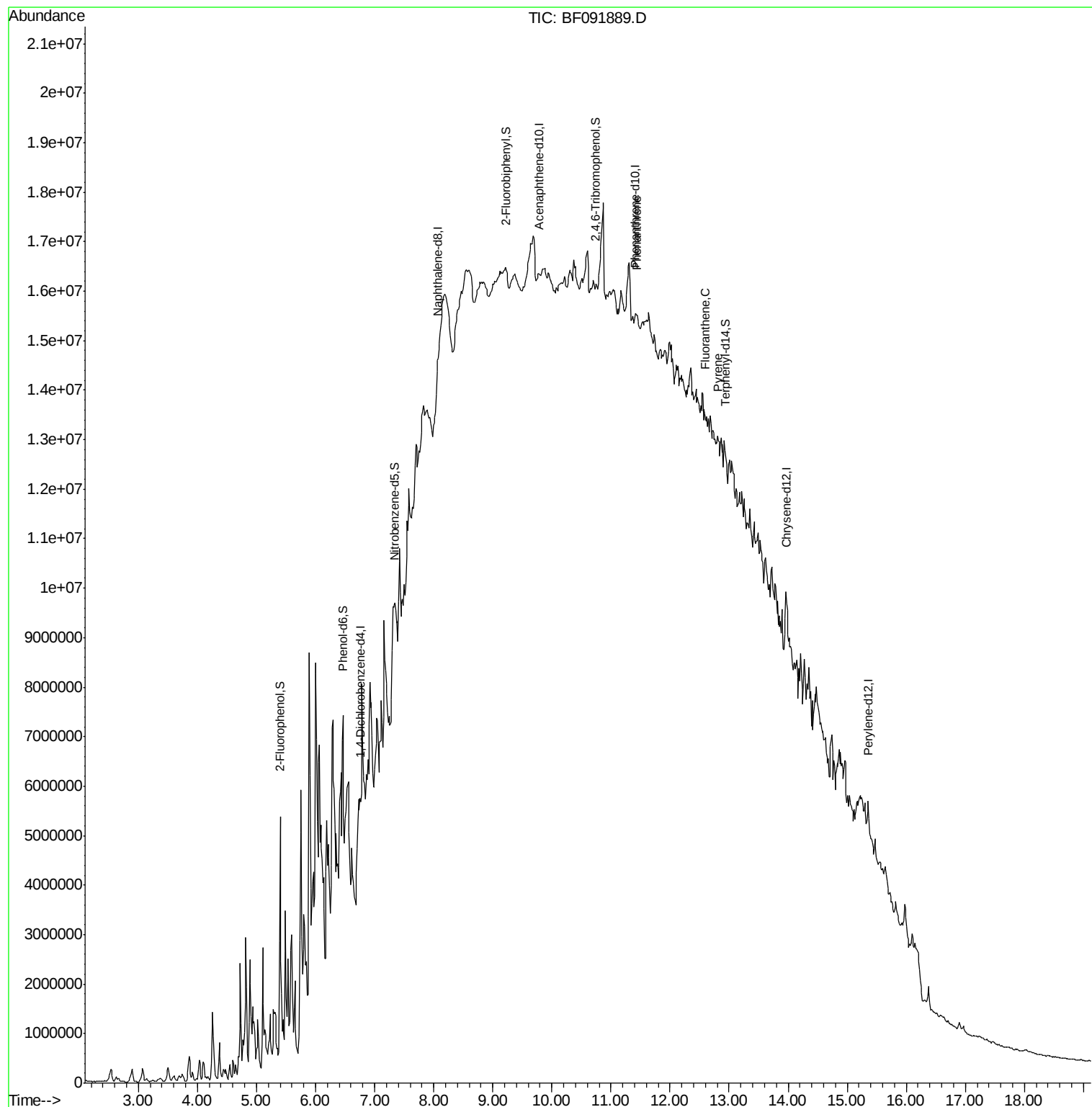
Data Path : Z:\HPCHEM1\BNA F\DATA\BF122216\
Data File : BF091889.D
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Sample : H6182-07
Misc :
ALS Vial : 56 Sample Multiplier: 1

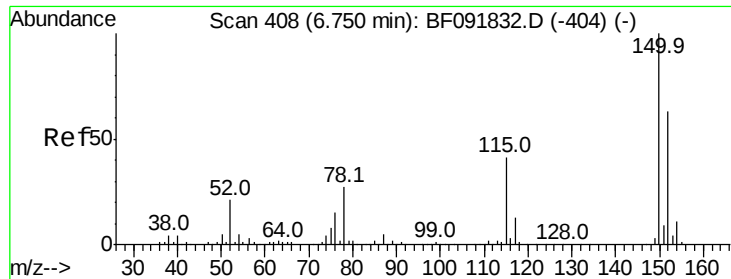
Instrument :
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SB-52(6-8)-121916

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Quant Time: Dec 23 16:41:56 2016
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#1

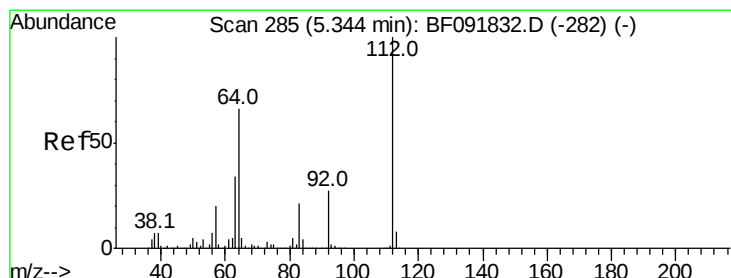
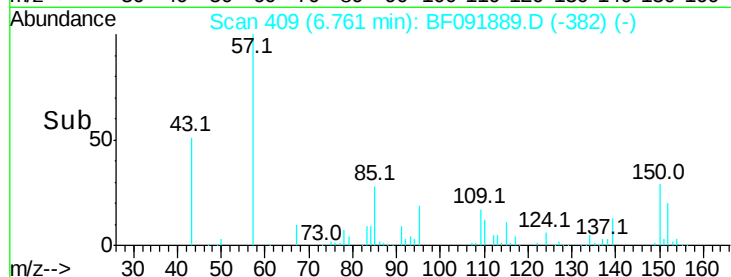
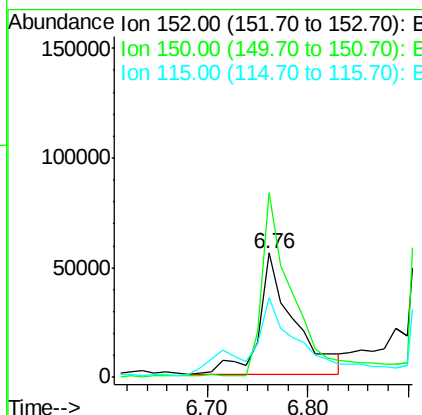
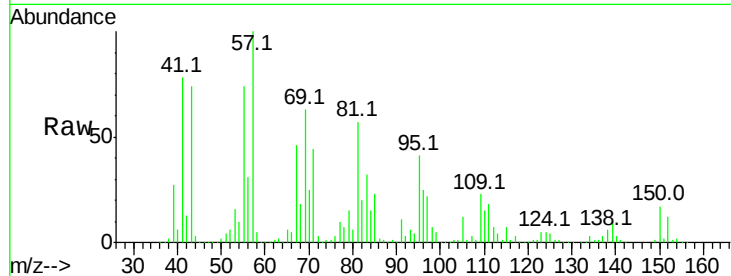
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.76 min Scan# 409
Delta R.T. 0.01 min
Lab File: BF091889.D
Acq: 22 Dec 2016 16:41

Instrument :
BNA_F
ClientSampleId :
SB-52(6-8)-121916

Tot Ion	Ratio	Lower	Upper
152	100		
150	148.3	124.9	187.3
115	64.2	46.0	69.0

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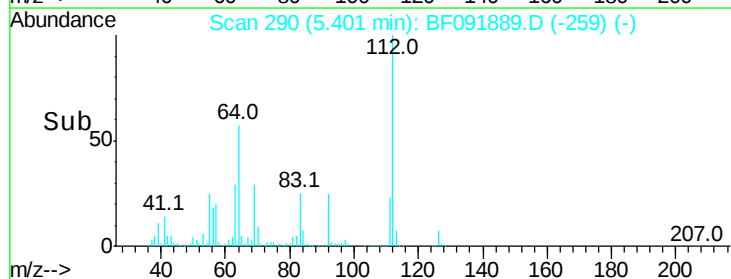
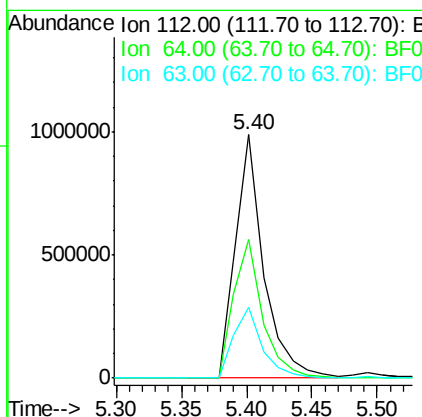
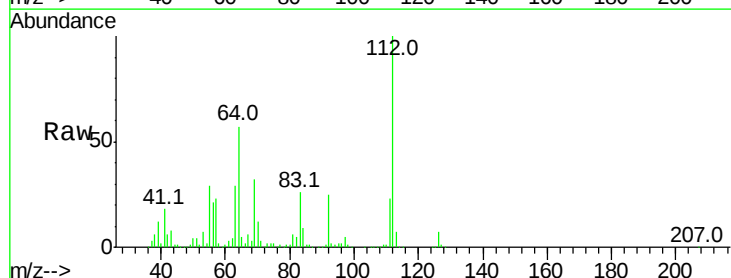
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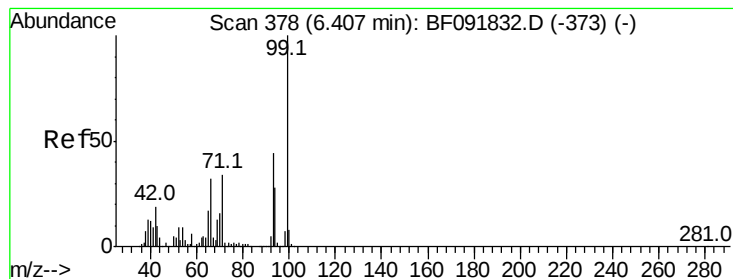


#5

2-Fluorophenol
Concen: 187.54 ng
RT: 5.40 min Scan# 290
Delta R.T. 0.06 min
Lab File: BF091889.D
Acq: 22 Dec 2016 16:41

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.9	46.1	69.1
63	29.3	23.8	35.6





#7

Phenol-d6

Concen: 149.64 ng

RT: 6.46 min Scan# 383

Delta R.T. 0.06 min

Lab File: BF091889.D

Acq: 22 Dec 2016 16:41

Instrument :

BNA_F

ClientSampleId :

SB-52(6-8)-121916

Tot Ion: 99 Resp: 1445532

Ion Ratio Lower Upper

99 100

42 23.2 15.6 23.4

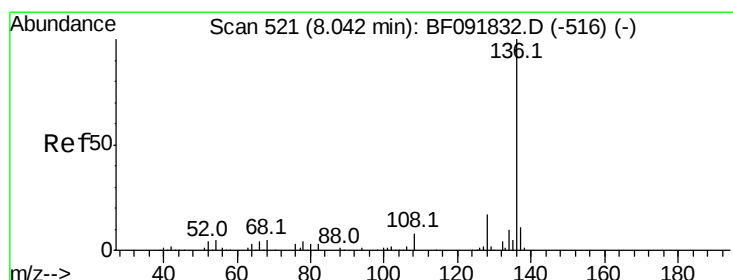
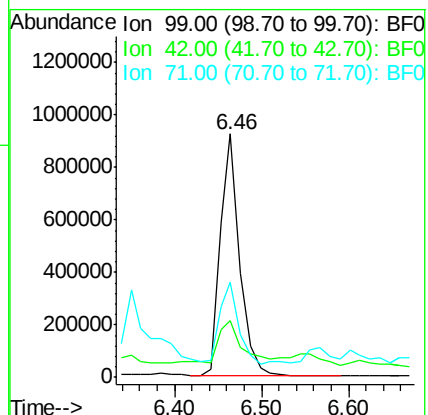
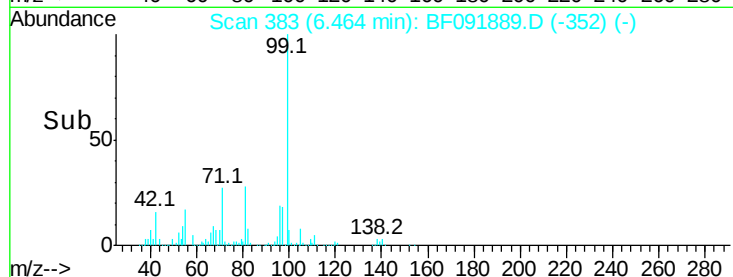
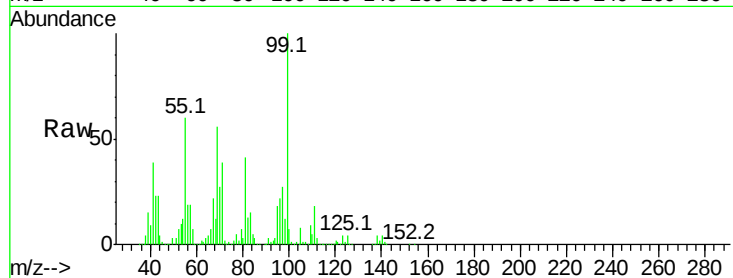
71 38.9 27.5 41.3

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#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.06 min Scan# 523

Delta R.T. 0.02 min

Lab File: BF091889.D

Acq: 22 Dec 2016 16:41

Tgt Ion: 136 Resp: 559343

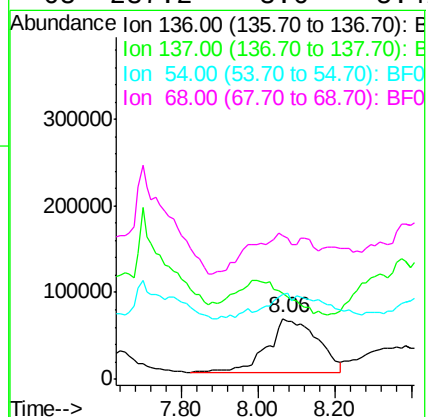
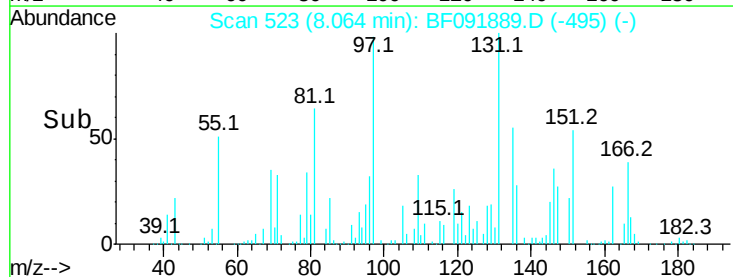
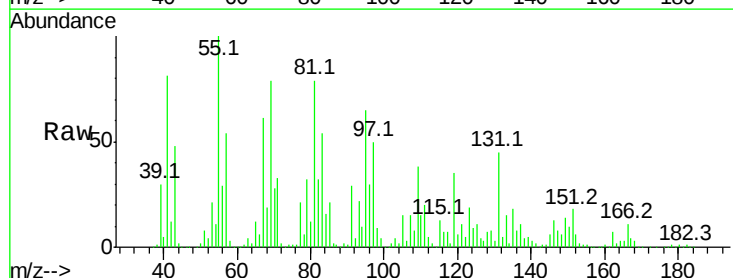
Ion Ratio Lower Upper

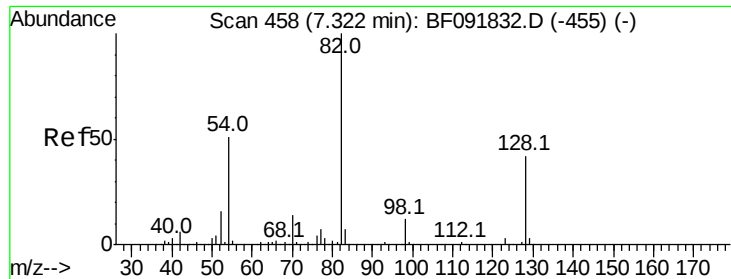
136 100

137 142.7 8.4 12.6#

54 139.4 4.5 6.7#

68 237.2 3.6 5.4#





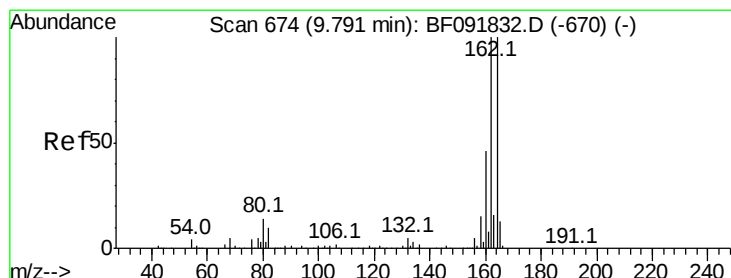
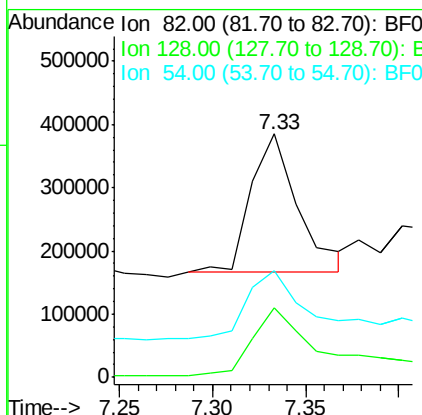
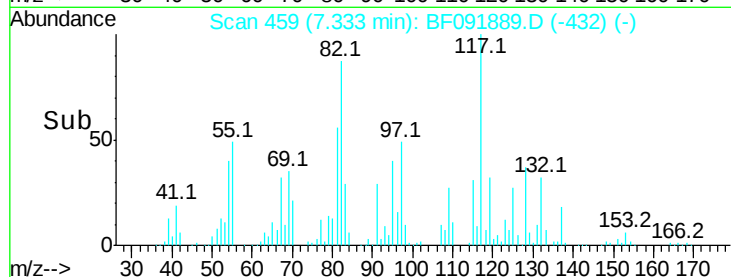
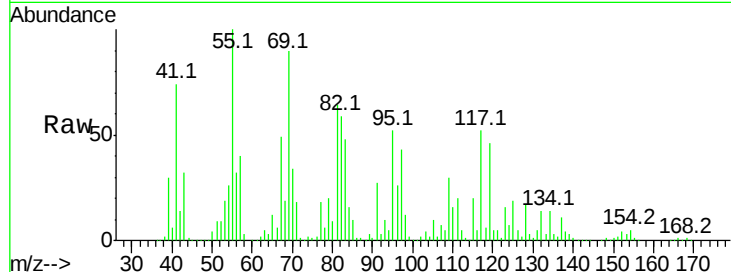
#23
Nitrobenzene-d5
Concen: 37.37 ng
RT: 7.33 min Scan# 459
Delta R.T. 0.01 min
Lab File: BF091889.D
Acq: 22 Dec 2016 16:41

Instrument :
BNA_F
ClientSampleId :
SB-52(6-8)-121916

Tot Ion	Ratio	Lower	Upper
82	100		
128	28.5	34.6	52.0#
54	44.0	39.5	59.3

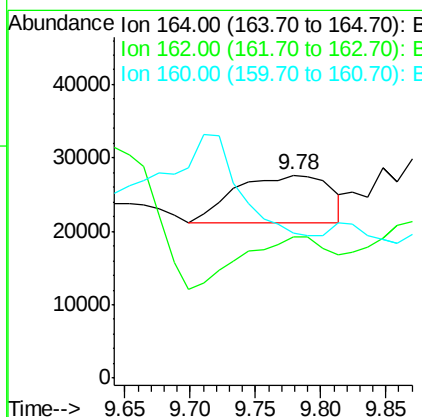
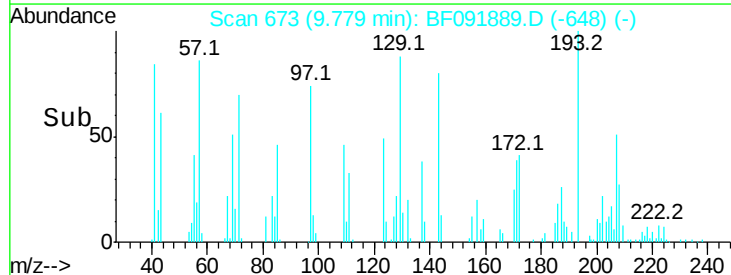
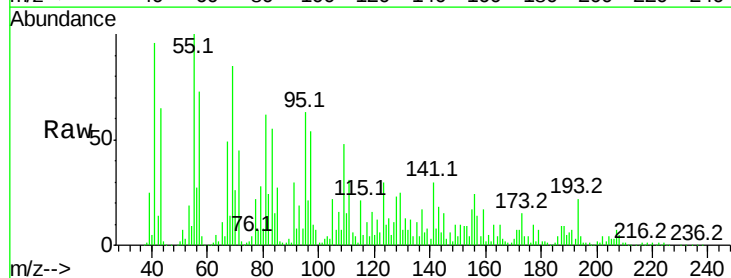
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.78 min Scan# 673
Delta R.T. -0.01 min
Lab File: BF091889.D
Acq: 22 Dec 2016 16:41

Tgt Ion	Ratio	Lower	Upper
164	100		
162	69.3	80.2	120.2#
160	71.1	36.9	55.3#





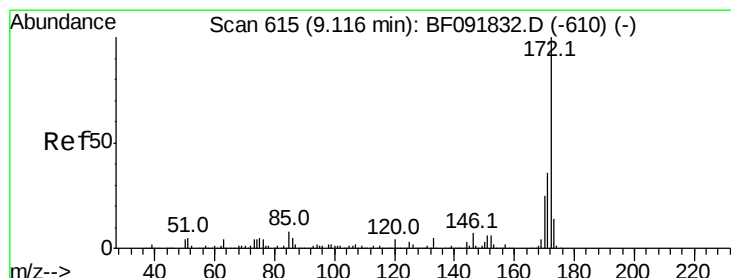
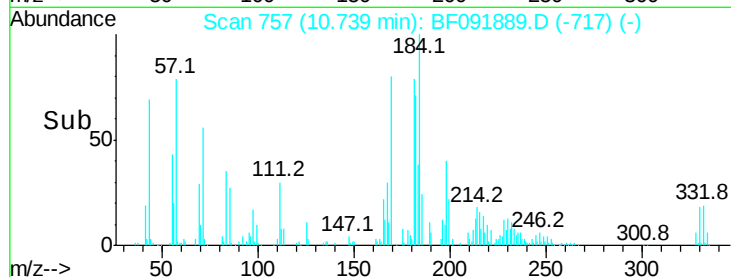
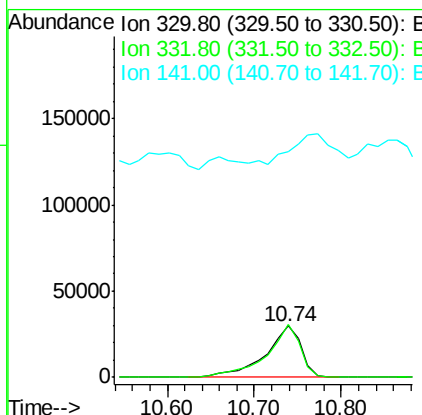
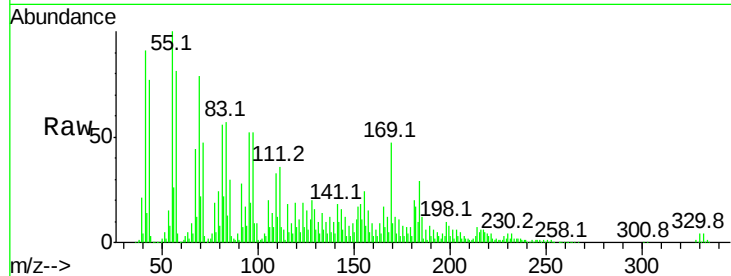
#41
 2,4,6-Tribromophenol
 Concen: 304.09 ng
 RT: 10.74 min Scan# 757
 Delta R.T. 0.16 min
 Lab File: BF091889.D
 Acq: 22 Dec 2016 16:41

Instrument :
 BNA_F
 ClientSampleId :
 SB-52(6-8)-121916

Tot Ion:330 Resp: 84471
 Ion Ratio Lower Upper
 330 100
 332 96.8 77.4 116.2
 141 0.0 34.1 51.1#

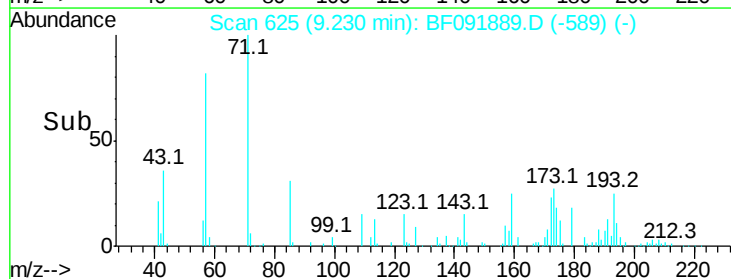
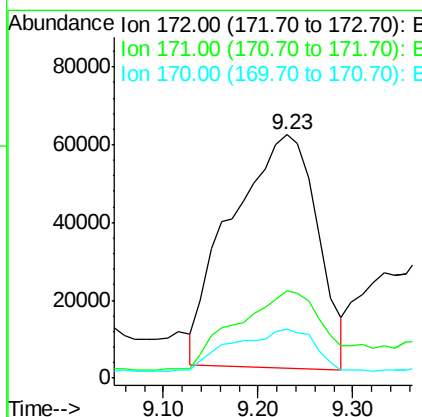
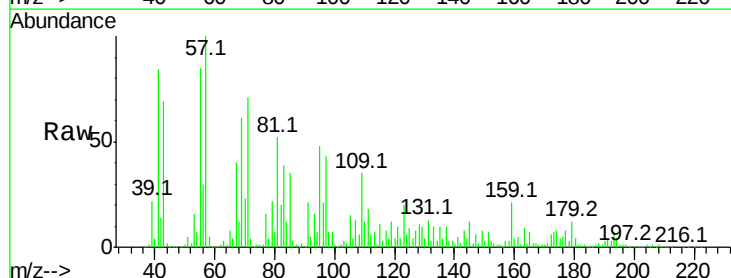
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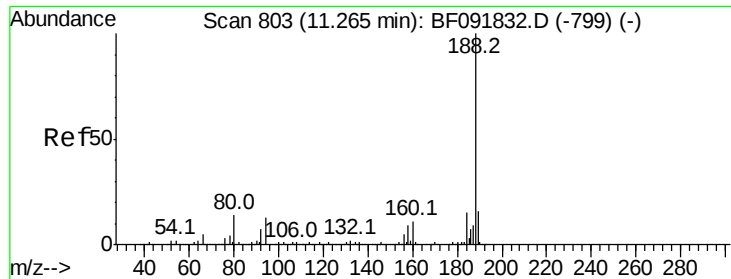
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#44
 2-Fluorobiphenyl
 Concen: 257.71 ng m
 RT: 9.23 min Scan# 625
 Delta R.T. 0.11 min
 Lab File: BF091889.D
 Acq: 22 Dec 2016 16:41

Tgt Ion:172 Resp: 379242
 Ion Ratio Lower Upper
 172 100
 171 36.1 29.4 44.0
 170 20.1 20.2 30.4#





#63

Phenanthrene-d10

Concen: 20.00 ng m

RT: 11.41 min Scan# 816

Delta R.T. 0.15 min

Lab File: BF091889.D

Acq: 22 Dec 2016 16:41

Instrument :

BNA_F

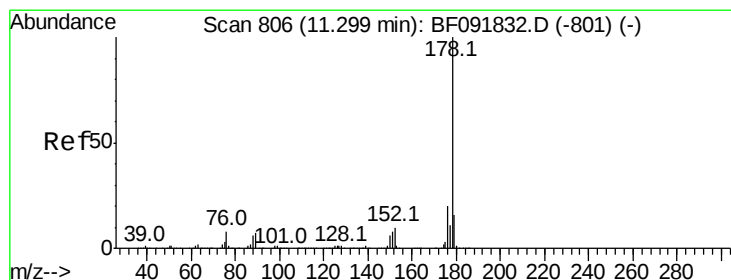
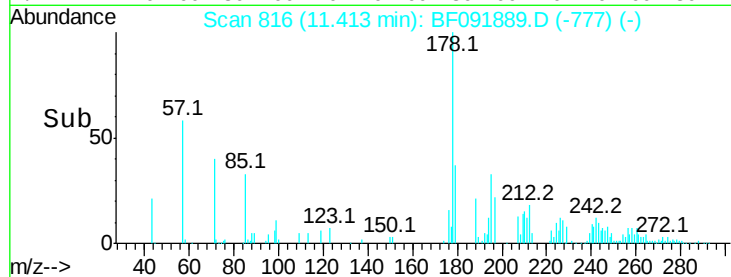
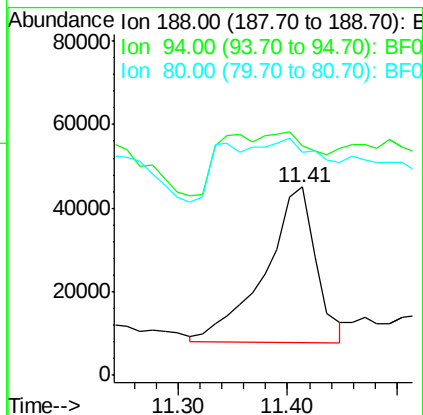
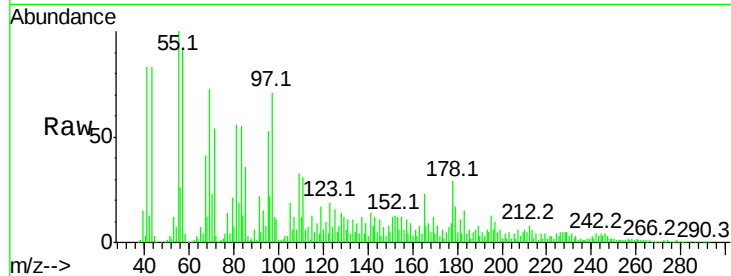
ClientSampleId :

SB-52(6-8)-121916

Tot Ion	Ratio	Lower	Upper
188	100		
94	121.5	10.0	15.0#
80	118.2	11.2	16.8#

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#70

Phenanthrene

Concen: 135.06 ng m

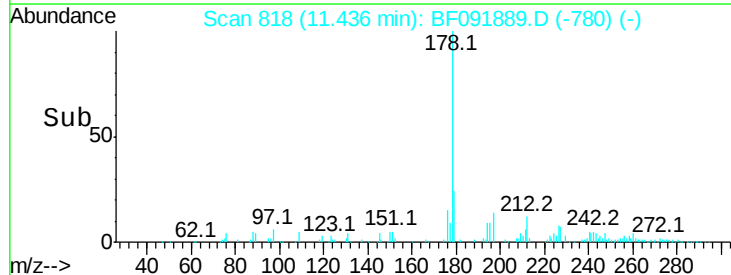
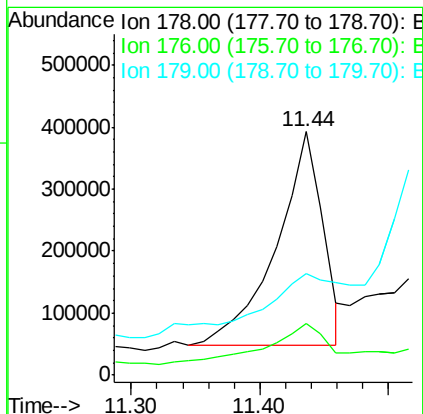
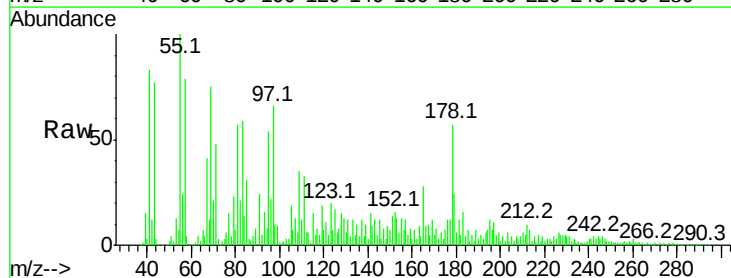
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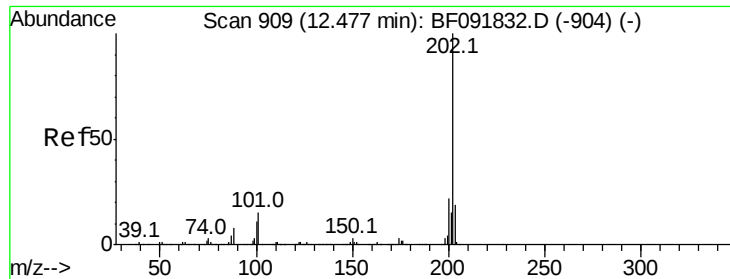
Delta R.T. 0.14 min

Lab File: BF091889.D

Acq: 22 Dec 2016 16:41

Tgt Ion	Ratio	Lower	Upper
178	100		
176	21.3	16.6	25.0
179	41.6	12.8	19.2#





#74

Fluoranthene

Concen: 14.30 ng

RT: 12.59 min Scan# 919

Delta R.T. 0.11 min

Lab File: BF091889.D

Acq: 22 Dec 2016 16:41

Instrument :

BNA_F

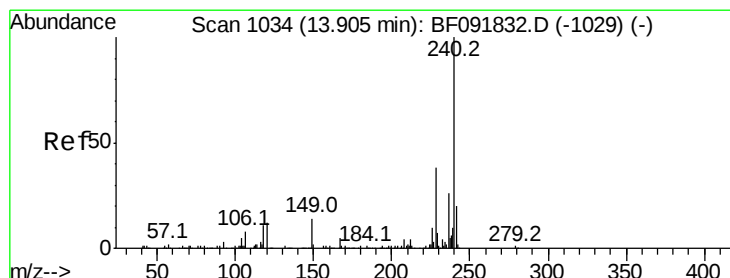
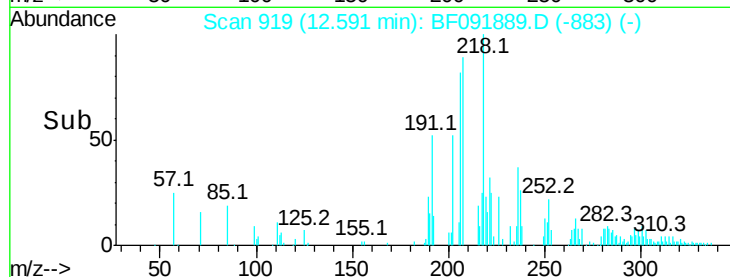
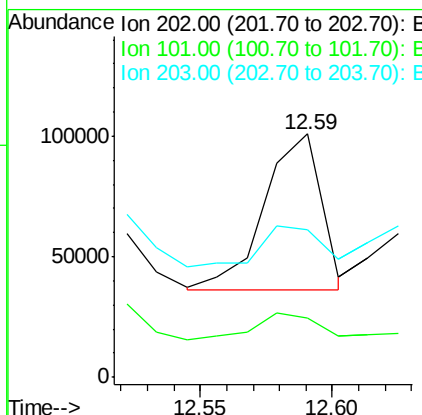
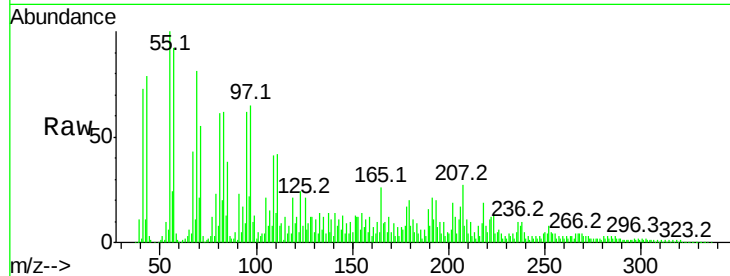
ClientSampleId :

SB-52(6-8)-121916

Tot Ion:	202	Resp:	96089
Ion Ratio	Lower	Upper	
202	100		
101	24.4	0.0	34.6
203	60.4	0.0	38.7#

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#75

Chrysene-d12

Concen: 20.00 ng

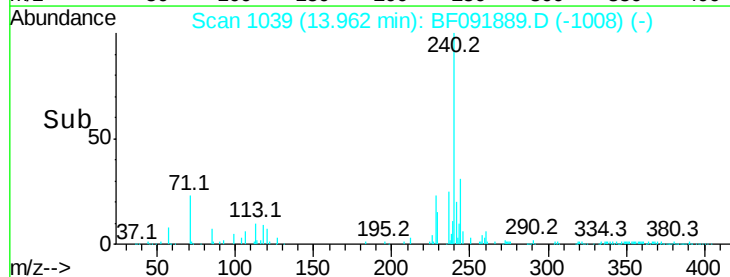
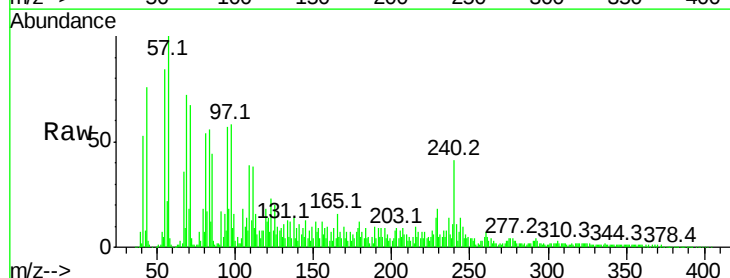
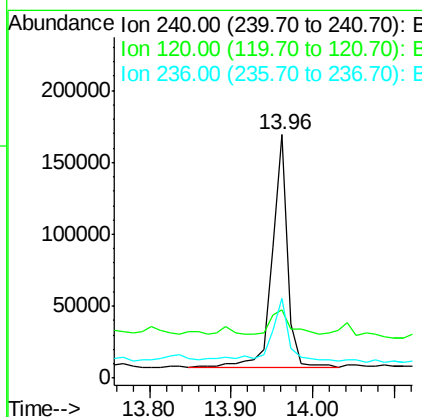
RT: 13.96 min Scan# 1039

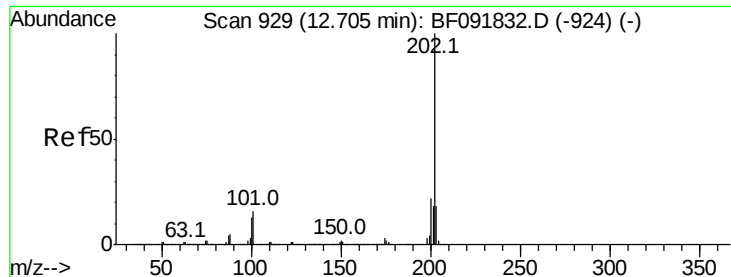
Delta R.T. 0.06 min

Lab File: BF091889.D

Acq: 22 Dec 2016 16:41

Tgt Ion:	240	Resp:	212065
Ion Ratio	Lower	Upper	
240	100		
120	27.9	12.9	19.3#
236	32.7	20.9	31.3#





#77

Pvrene

Concen: 29.04 ng

RT: 12.81 min Scan# 938

Delta R.T. 0.10 min

Lab File: BF091889.D

Acq: 22 Dec 2016 16:41

Instrument :

BNA_F

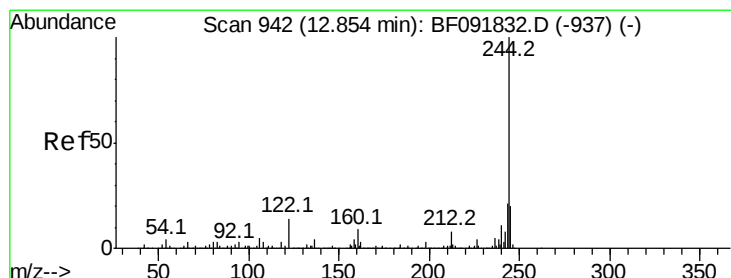
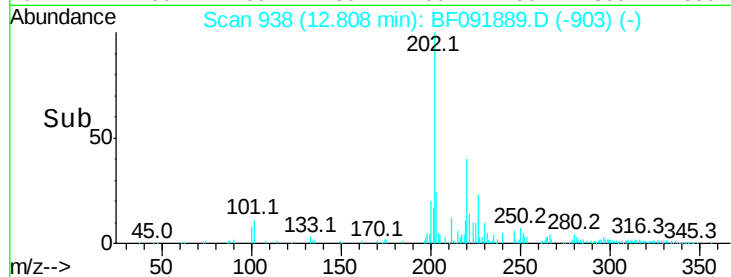
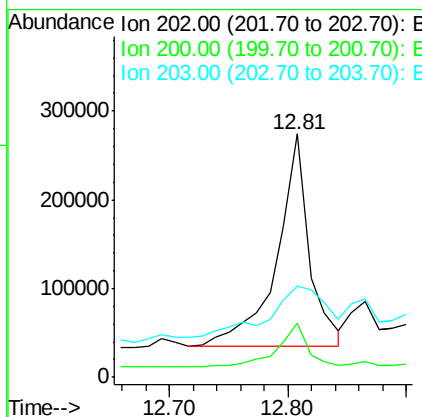
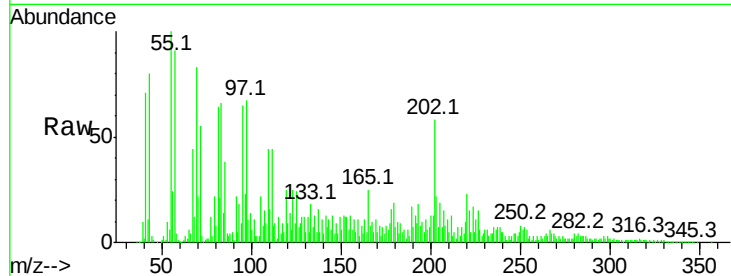
ClientSampleId :

SB-52(6-8)-121916

Tot Ion:202	Resp:	451894
Ion Ratio	Lower	Upper
202 100		
200 22.0	17.7	26.5
203 37.7	14.7	22.1#

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#78

Terphenyl-d14

Concen: 46.78 ng

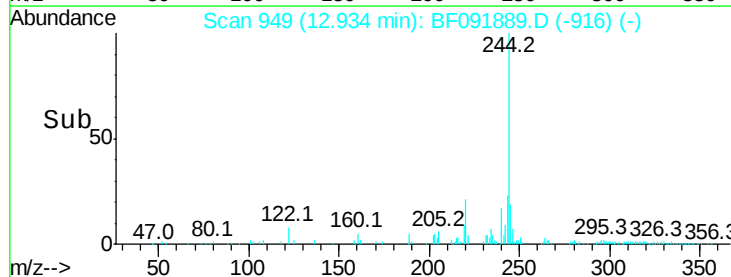
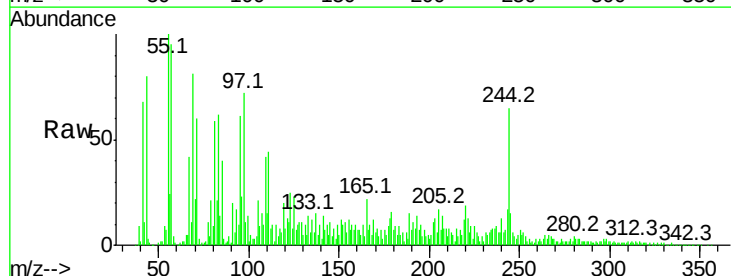
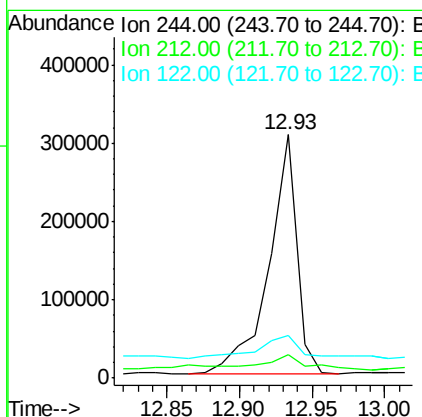
RT: 12.93 min Scan# 949

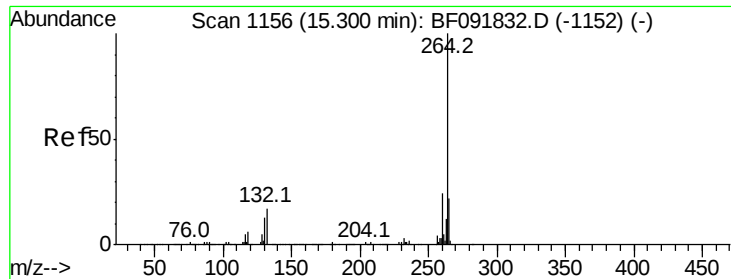
Delta R.T. 0.08 min

Lab File: BF091889.D

Acq: 22 Dec 2016 16:41

Tgt Ion:244	Resp:	409052
Ion Ratio	Lower	Upper
244 100		
212 9.6	6.2	9.2#
122 17.3	11.4	17.2#





#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 15.36 min Scan# 1161
 Delta R.T. 0.06 min
 Lab File: BF091889.D
 Acq: 22 Dec 2016 16:41

Instrument :
 BNA_F
 ClientSampleId :
 SB-52(6-8)-121916

Tot Ion	Ratio	Resp Lower	Upper
264	100		
260	25.5	19.2	28.8
265	24.8	17.4	26.0

Manual Integrations
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