

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122216\
 Data File : BF091890.D
 Acq On : 22 Dec 2016 17:08
 Operator : UM/SJ
 Sample : H6182-08
 Misc :
 ALS Vial : 57 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-52(13-15)-121916

Manual Integrations
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Quant Time: Dec 23 03:23:20 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	6.76	152	124379	20.00	ng	0.01
21) Naphthalene-d8	8.06	136	430596	20.00	ng	0.02
38) Acenaphthene-d10	9.82	164	196954	20.00	ng	0.03
63) Phenanthrene-d10	11.28	188	316999	20.00	ng	0.01
75) Chrysene-d12	13.91	240	254770	20.00	ng	0.00
86) Perylene-d12	15.31	264	225986	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	1348109	180.98	ng	0.07
7) Phenol-d6	6.46	99	1577826	173.49	ng	0.06
23) Nitrobenzene-d5	7.33	82	1008344	130.21	ng	0.01
41) 2,4,6-Tribromophenol	10.60	330	241521	148.18	ng	0.02
44) 2-Fluorobiphenyl	9.15	172	1200599	132.04	ng	0.03
78) Terphenyl-d14	12.86	244	1075999	102.43	ng	0.01
Target Compounds						
10) Phenol	6.48	94	86976	8.39	ng	Qvalue 84
37) 2-Methylnaphthalene	8.80	142	2039751	Below Cal		98
49) Dimethylphthalate	9.54	163	135250	10.74	ng	# 66
57) Fluorene	10.35	166	118744	10.85	ng	# 70
70) Phenanthrene	11.30	178	108103	6.29	ng	# 95

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

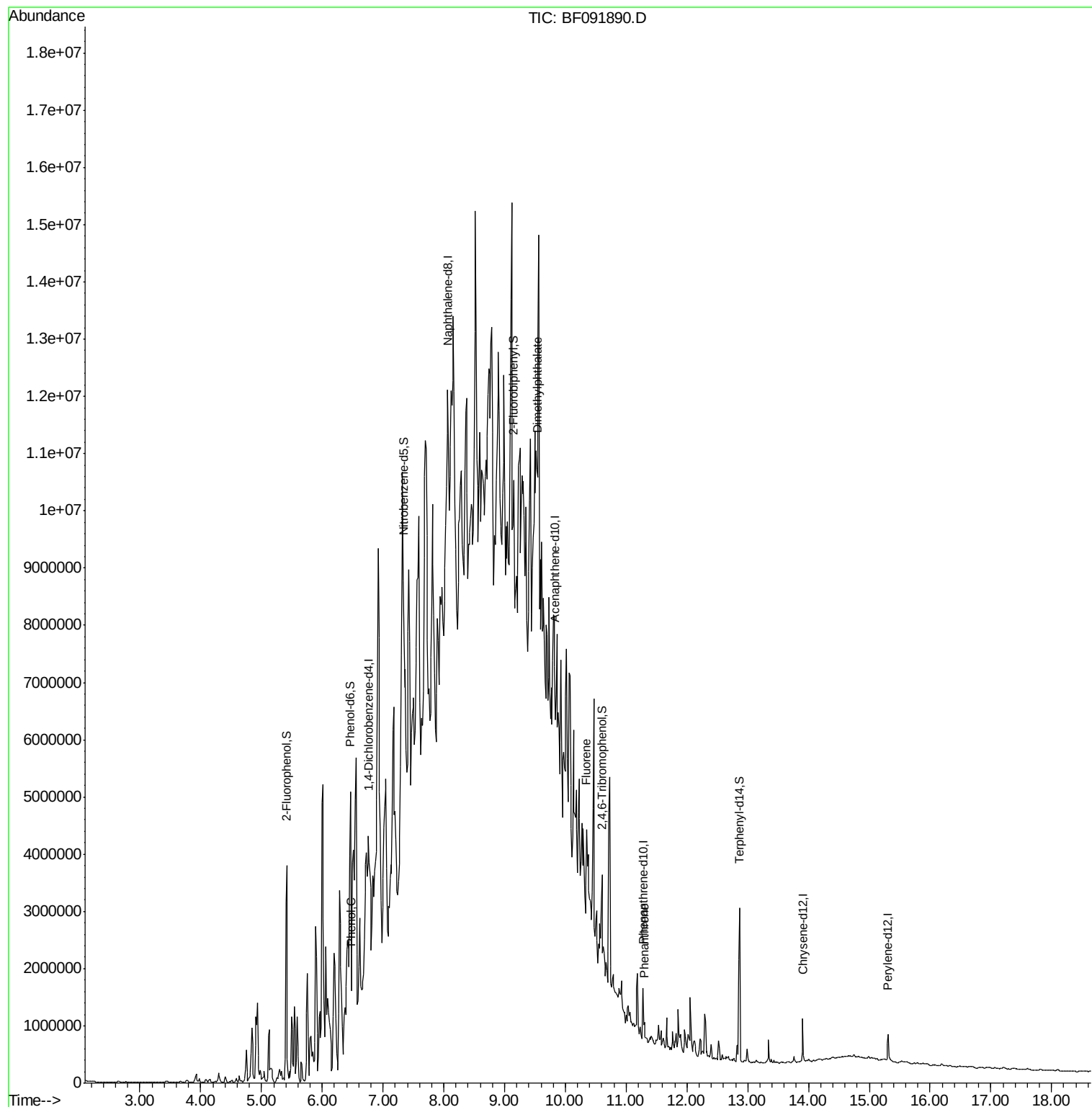
Data Path : Z:\HPCHEM1\BNA F\DATA\BF122216\
Data File : BF091890.D
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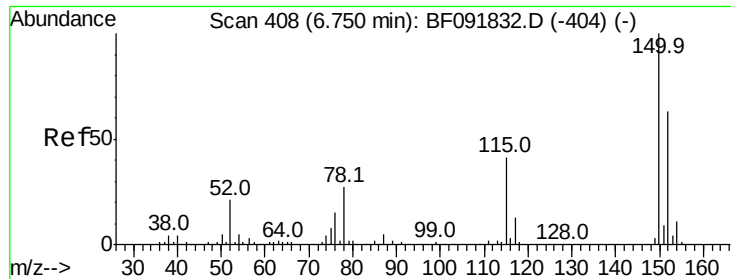
Instrument :
BNA_F
ClientSampleId :
SB-52(13-15)-121916

Manual Integrations
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Quant Time: Dec 23 03:23:20 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





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.76 min Scan# 409

Delta R.T. 0.01 min

Lab File: BF091890.D

Acq: 22 Dec 2016 17:08

Instrument :

BNA_F

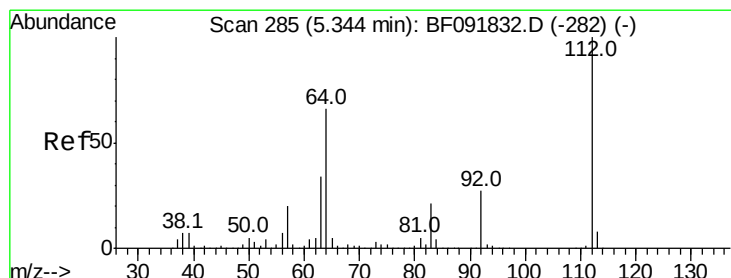
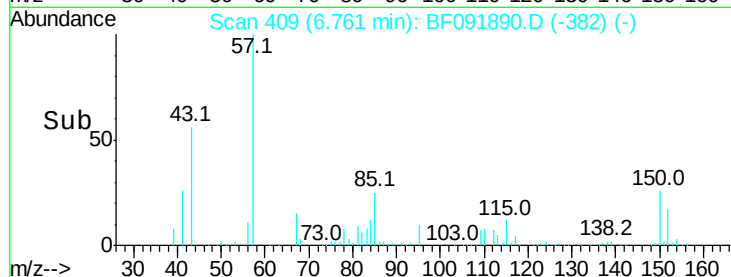
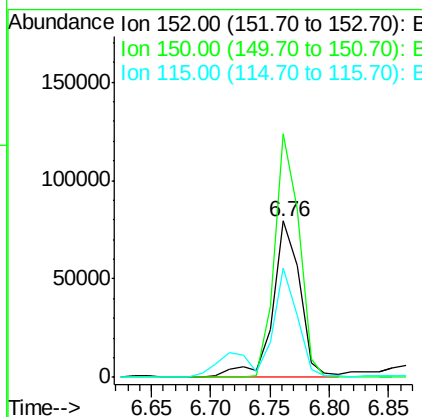
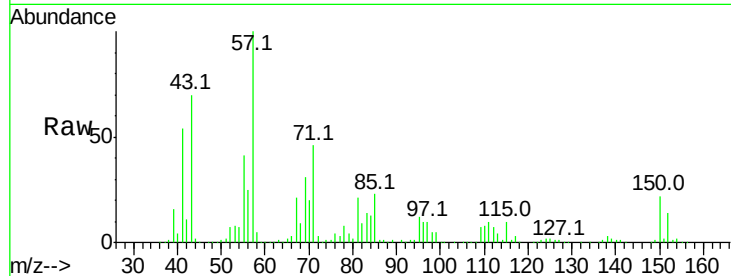
ClientSampleId :

SB-52(13-15)-121916

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.9	124.9	187.3
115	70.1	46.0	69.0

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#5

2-Fluorophenol

Concen: 180.98 ng

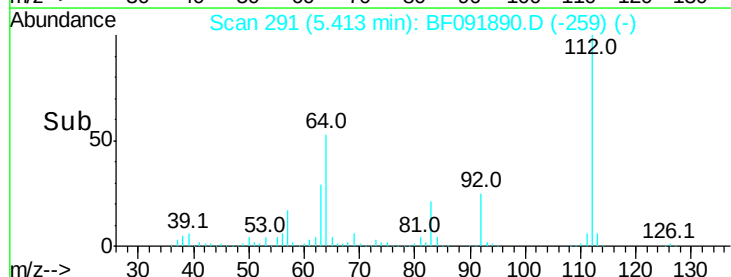
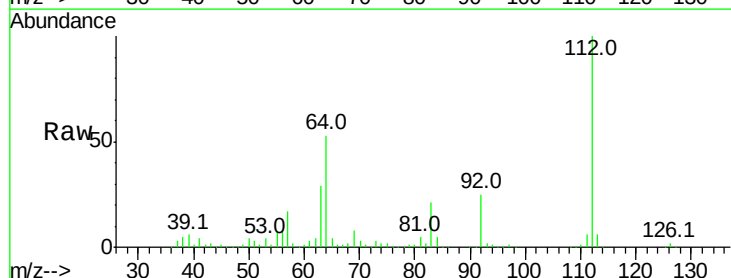
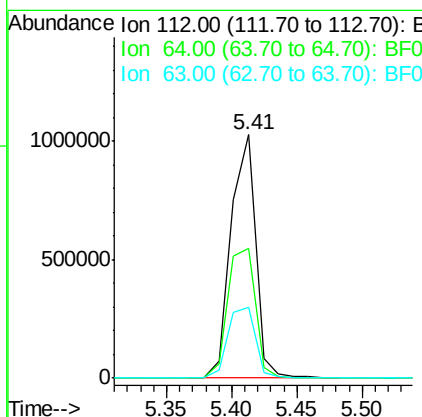
RT: 5.41 min Scan# 291

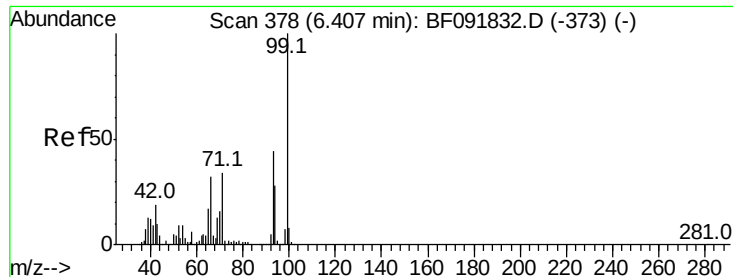
Delta R.T. 0.07 min

Lab File: BF091890.D

Acq: 22 Dec 2016 17:08

Tgt Ion	Ratio	Lower	Upper
112	100		
64	53.4	46.1	69.1
63	29.1	23.8	35.6





#7

Phenol-d6

Concen: 173.49 ng

RT: 6.46 min Scan# 383

Delta R.T. 0.06 min

Lab File: BF091890.D

Acq: 22 Dec 2016 17:08

Instrument :

BNA_F

ClientSampleId :

SB-52(13-15)-121916

Tot Ion: 99 Resp: 1577826

Ion Ratio Lower Upper

99 100

42 20.9 15.6 23.4

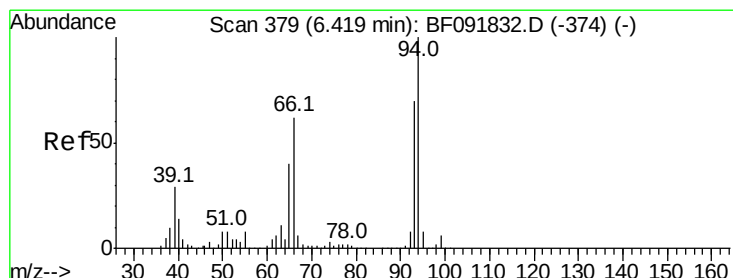
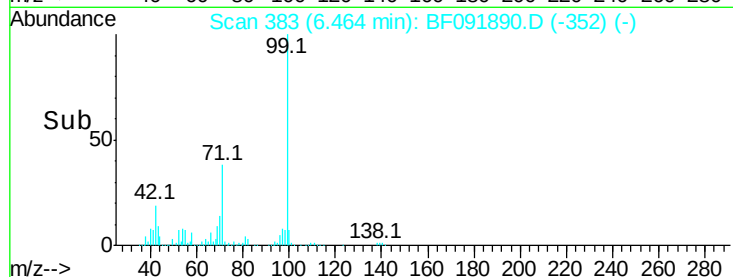
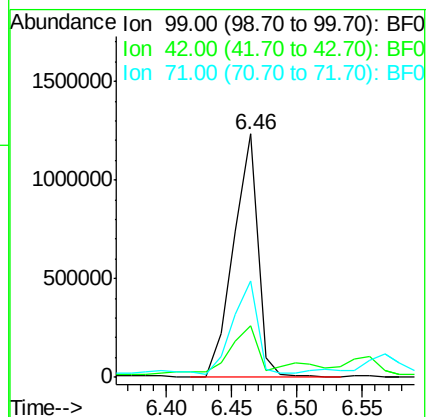
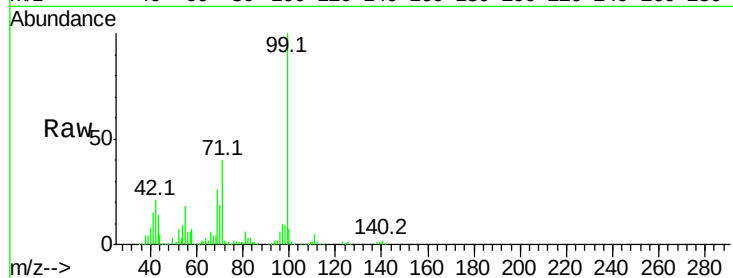
71 39.5 27.5 41.3

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#10

Phenol

Concen: 8.39 ng

RT: 6.48 min Scan# 384

Delta R.T. 0.06 min

Lab File: BF091890.D

Acq: 22 Dec 2016 17:08

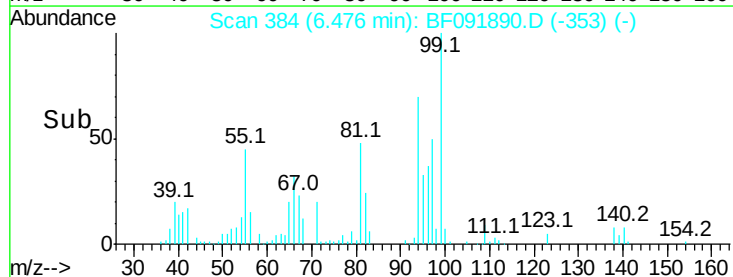
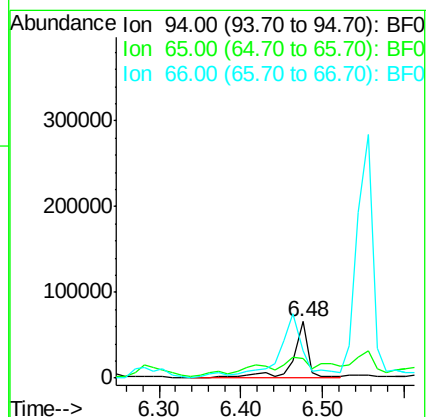
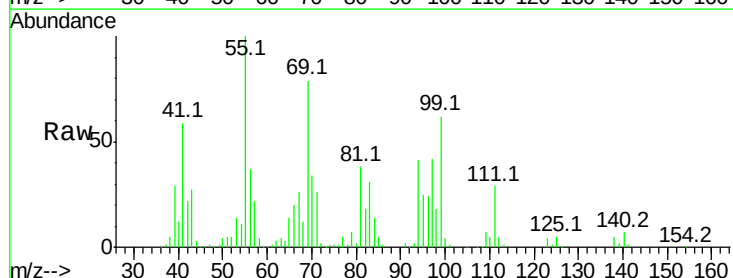
Tgt Ion: 94 Resp: 86976

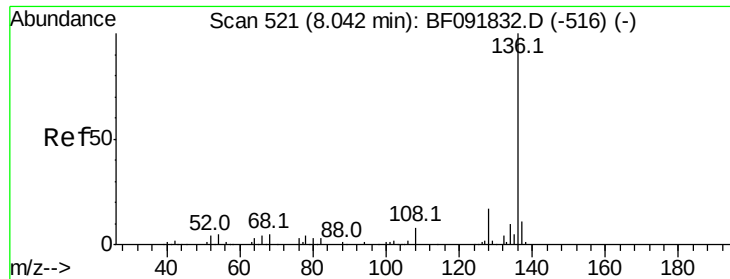
Ion Ratio Lower Upper

94 100

65 35.1 21.4 61.4

66 48.2 44.0 84.0





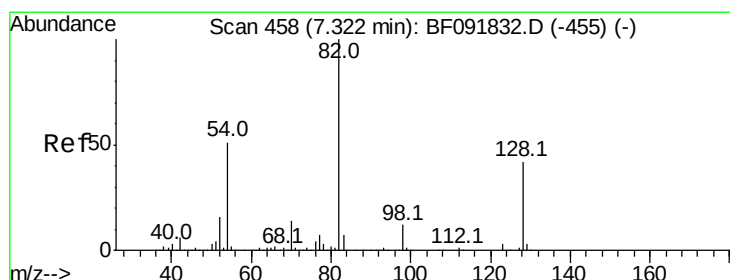
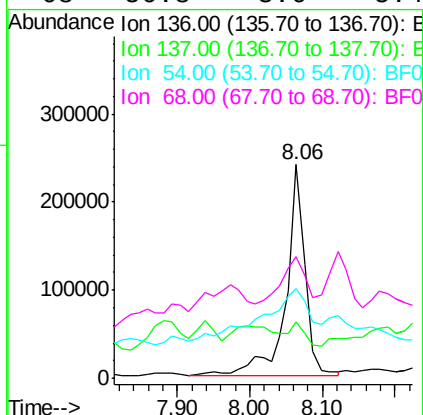
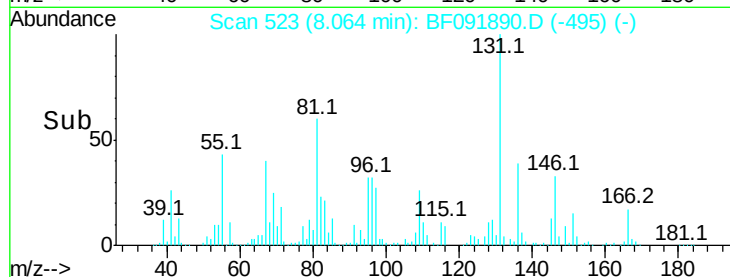
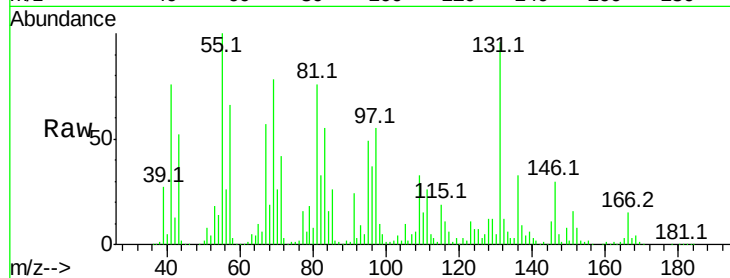
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.06 min Scan# 523
Delta R.T. 0.02 min
Lab File: BF091890.D
Acq: 22 Dec 2016 17:08

Instrument :
BNA_F
ClientSampleId :
SB-52(13-15)-121916

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	26.2	8.4	12.6#	
54	42.1	4.5	6.7#	
68	56.8	3.6	5.4#	

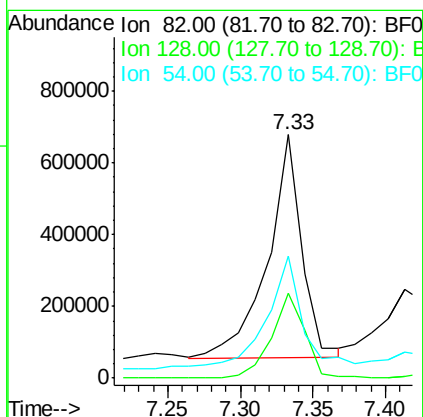
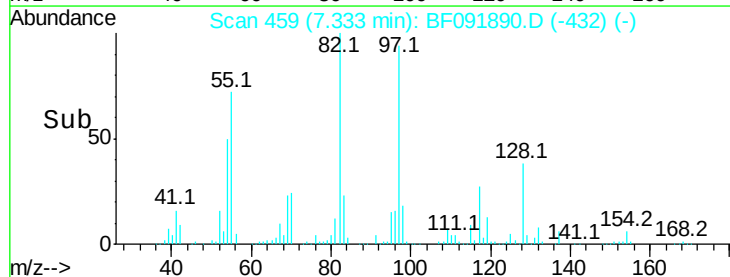
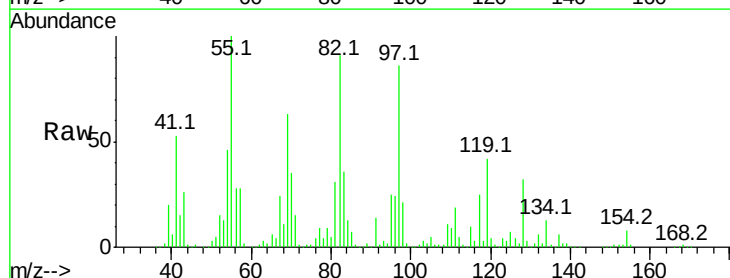
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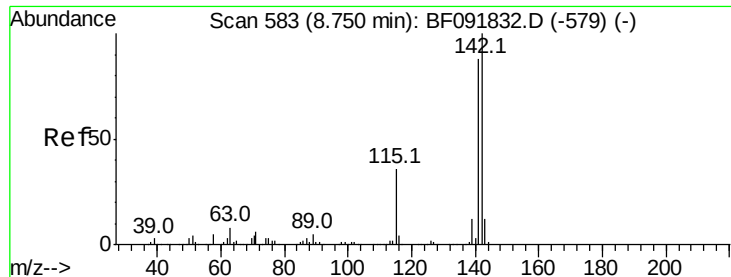
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#23
Nitrobenzene-d5
Concen: 130.21 ng
RT: 7.33 min Scan# 459
Delta R.T. 0.01 min
Lab File: BF091890.D
Acq: 22 Dec 2016 17:08

Tgt Ion	Ratio	Resp	Lower	Upper
82	100			
128	34.8	34.6	52.0	
54	50.2	39.5	59.3	





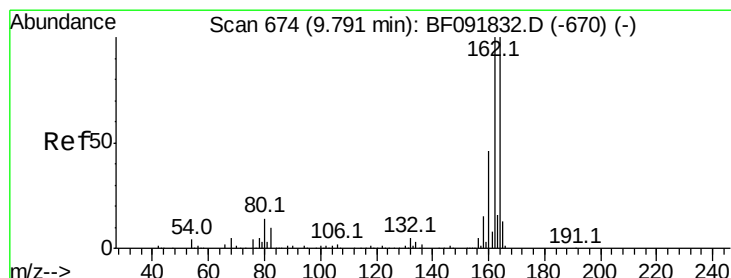
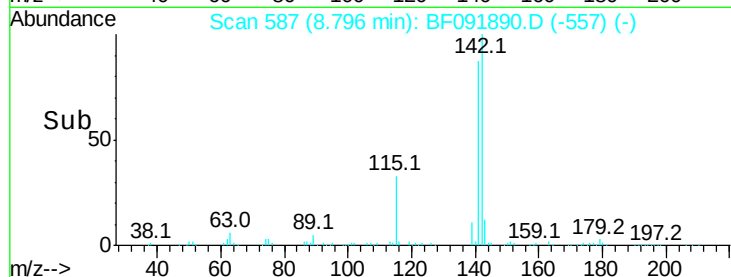
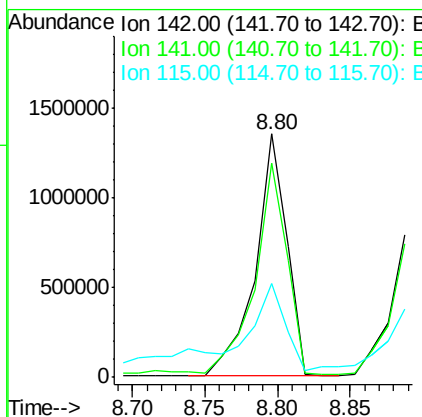
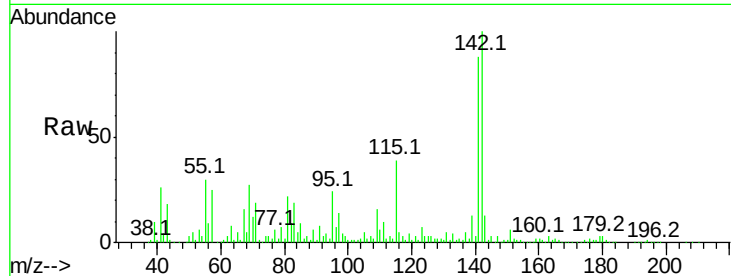
#37
2-Methylnaphthalene
Concen: Below Cal
RT: 8.80 min Scan# 587
Delta R.T. 0.05 min
Lab File: BF091890.D
Acq: 22 Dec 2016 17:08

Instrument :
BNA_F
ClientSampleId :
SB-52(13-15)-121916

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.0	71.0	106.6
115	38.5	28.3	42.5

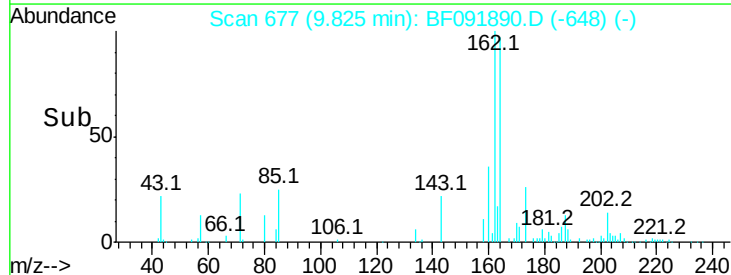
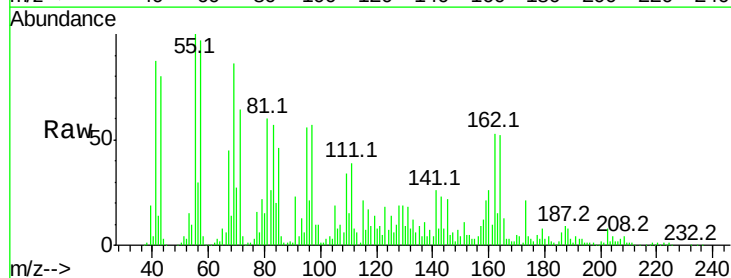
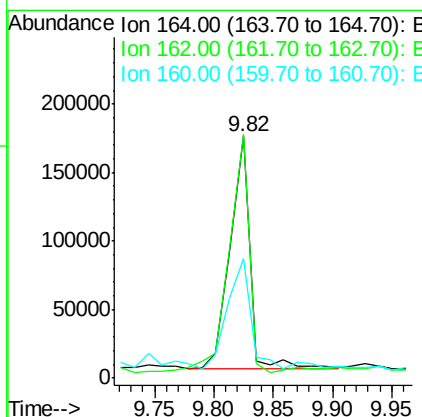
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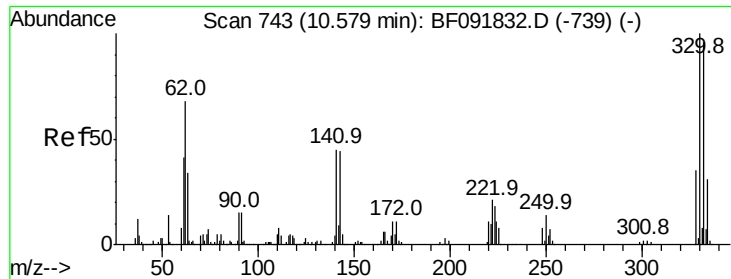
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.82 min Scan# 677
Delta R.T. 0.03 min
Lab File: BF091890.D
Acq: 22 Dec 2016 17:08

Tgt Ion	Ratio	Lower	Upper
164	100		
162	100.7	80.2	120.2
160	49.2	36.9	55.3





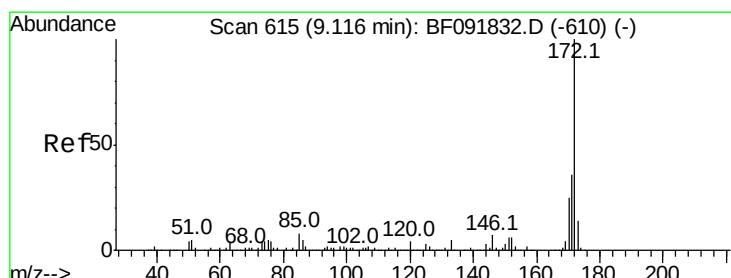
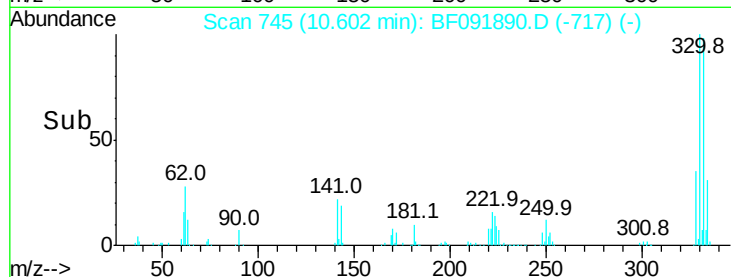
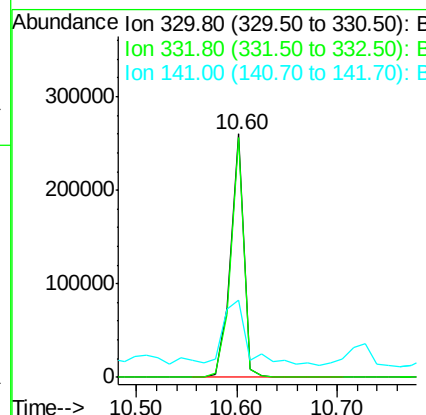
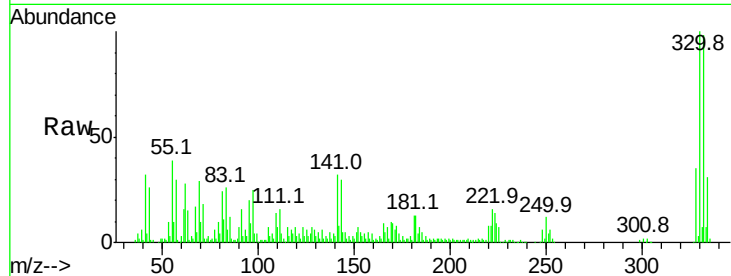
#41
 2,4,6-Tribromophenol
 Concen: 148.18 ng
 RT: 10.60 min Scan# 745
 Delta R.T. 0.02 min
 Lab File: BF091890.D
 Acq: 22 Dec 2016 17:08

Instrument :
 BNA_F
 ClientSampleId :
 SB-52(13-15)-121916

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.0	77.4	116.2
141	46.4	34.1	51.1

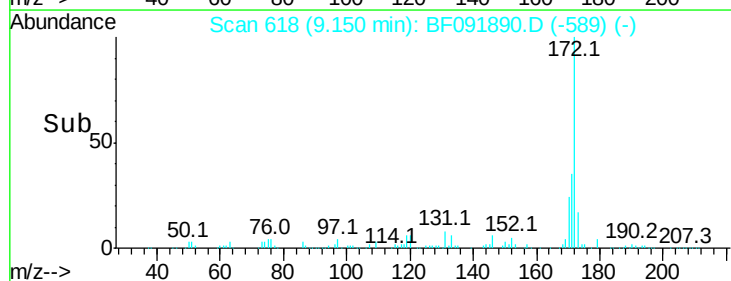
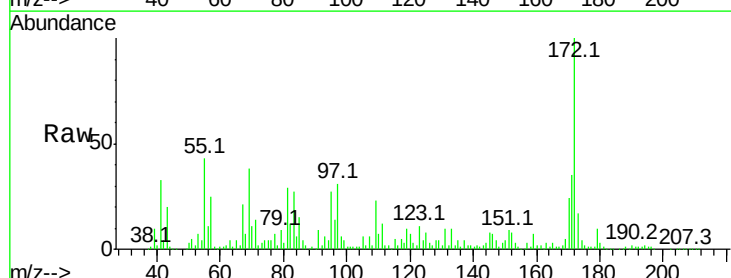
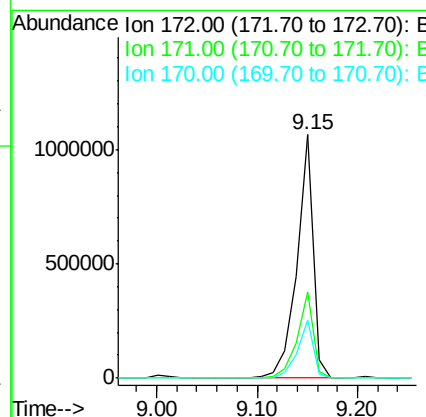
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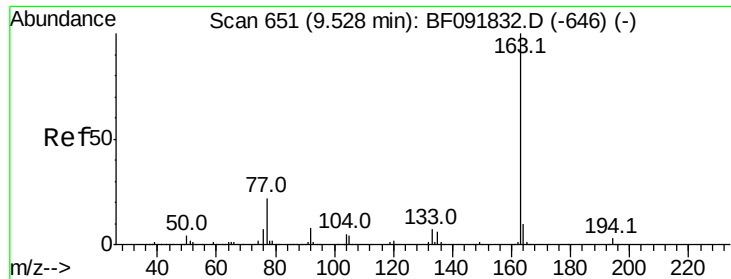
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#44
 2-Fluorobiphenyl
 Concen: 132.04 ng
 RT: 9.15 min Scan# 618
 Delta R.T. 0.03 min
 Lab File: BF091890.D
 Acq: 22 Dec 2016 17:08

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.5	29.4	44.0
170	23.7	20.2	30.4





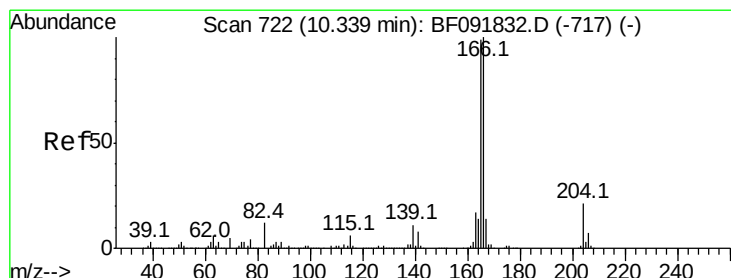
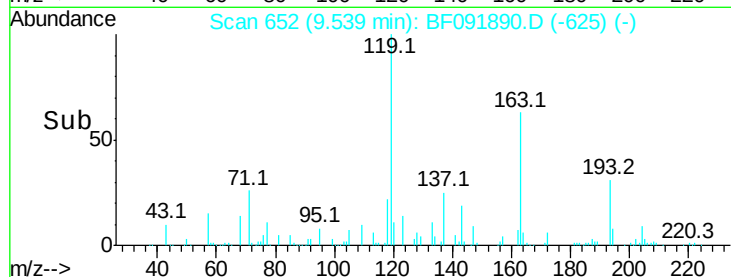
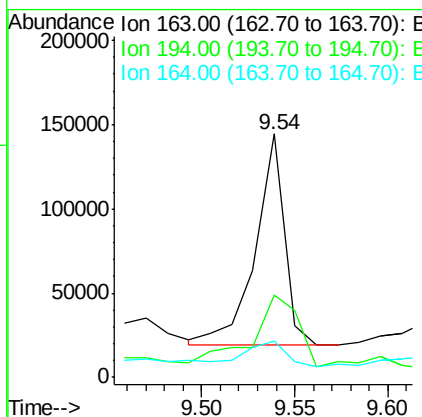
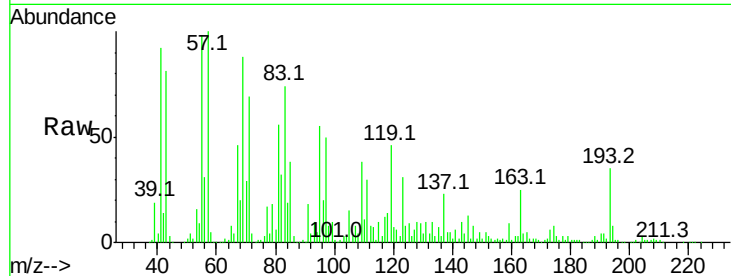
#49
Dimethylphthalate
Concen: 10.74 ng
RT: 9.54 min Scan# 652
Delta R.T. 0.01 min
Lab File: BF091890.D
Acq: 22 Dec 2016 17:08

Instrument :
BNA_F
ClientSampleId :
SB-52(13-15)-121916

Tot Ion	Ratio	Resp	Lower	Upper
163	100			
194	33.6	3.0	4.4#	
164	14.9	8.0	12.0#	

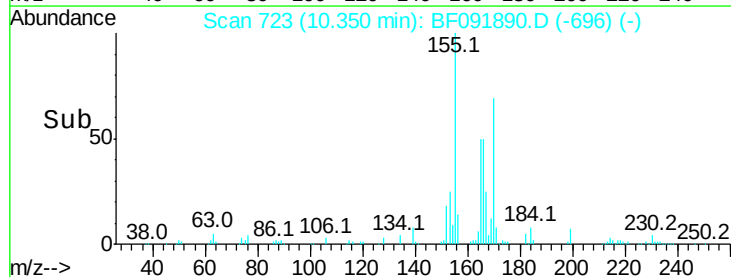
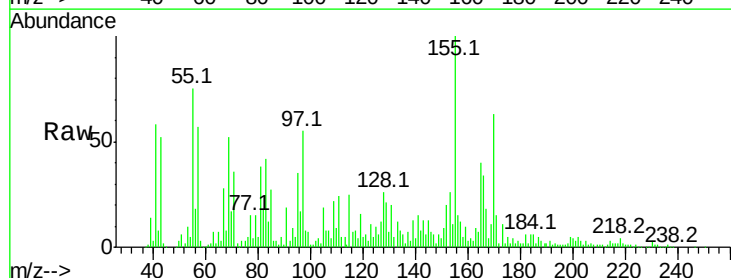
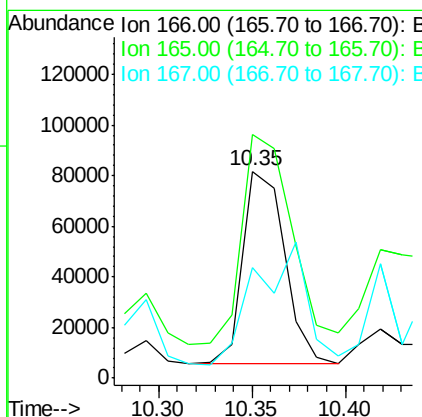
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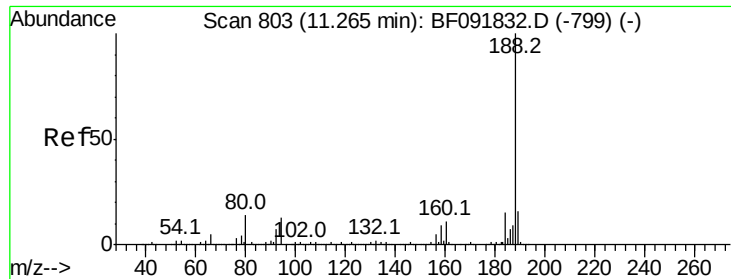
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#57
Fluorene
Concen: 10.85 ng
RT: 10.35 min Scan# 723
Delta R.T. 0.01 min
Lab File: BF091890.D
Acq: 22 Dec 2016 17:08

Tgt Ion	Ratio	Resp	Lower	Upper
166	100			
165	117.8	77.8	116.8#	
167	53.2	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: BF091890.D

Acq: 22 Dec 2016 17:08

Instrument :

BNA_F

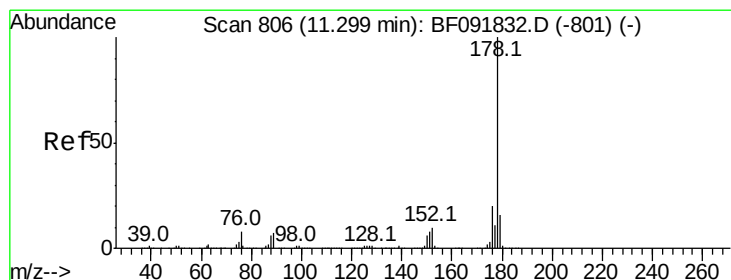
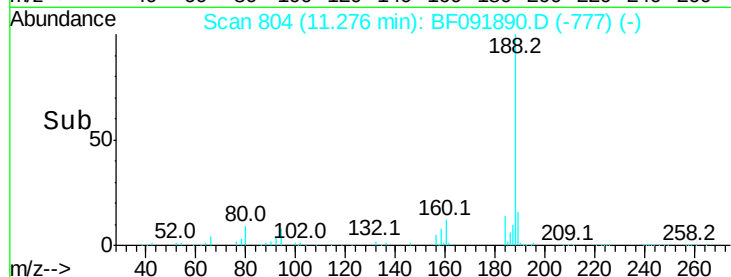
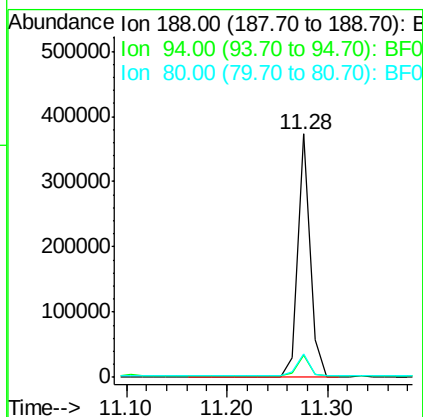
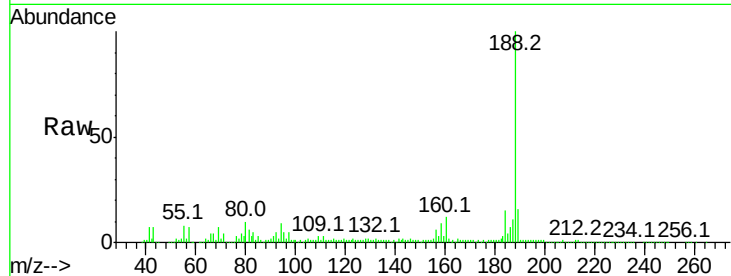
ClientSampleId :

SB-52(13-15)-121916

Tot Ion:188	Resp: 316999
Ion Ratio	Lower Upper
188 100	
94 9.0	10.0 15.0#
80 9.9	11.2 16.8#

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#70

Phenanthrene

Concen: 6.29 ng

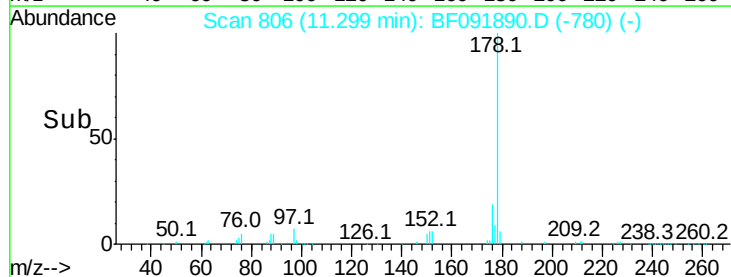
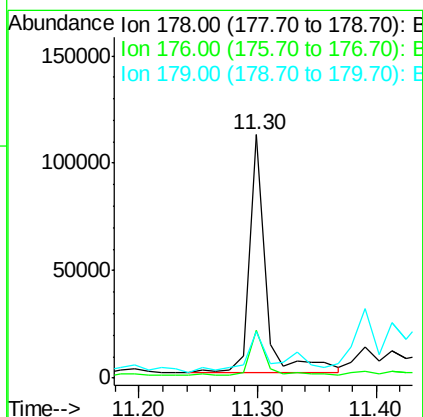
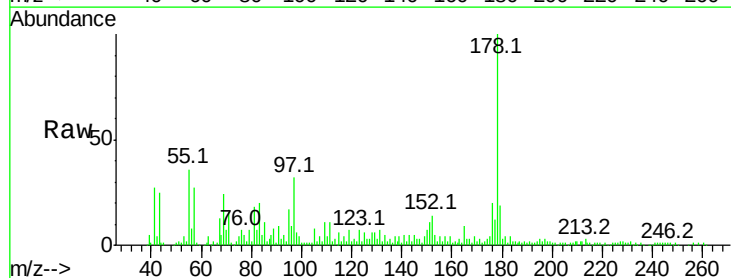
RT: 11.30 min Scan# 806

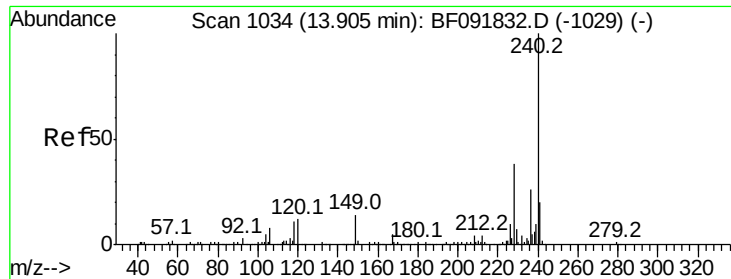
Delta R.T. -0.00 min

Lab File: BF091890.D

Acq: 22 Dec 2016 17:08

Tgt Ion:178	Resp: 108103
Ion Ratio	Lower Upper
178 100	
176 19.6	16.6 25.0
179 19.3	12.8 19.2#





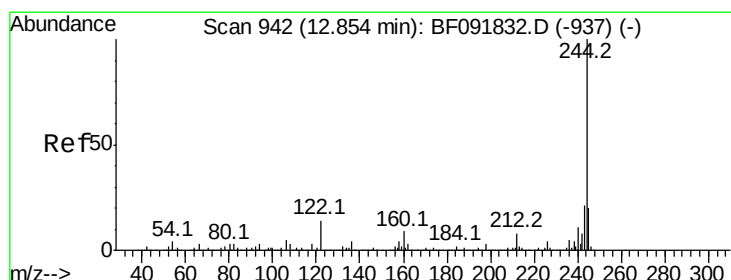
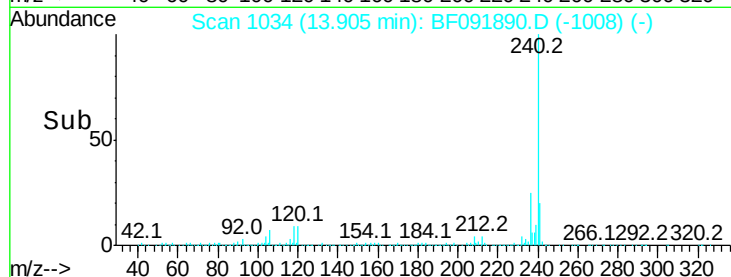
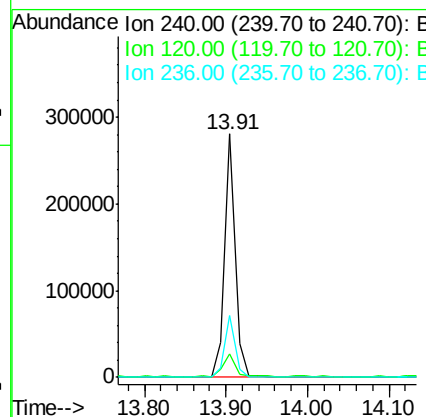
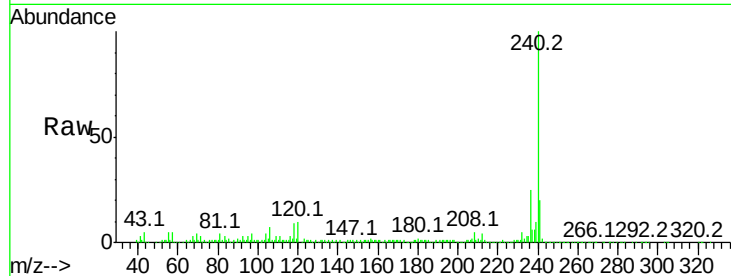
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.91 min Scan# 1034
Delta R.T. -0.00 min
Lab File: BF091890.D
Acq: 22 Dec 2016 17:08

Instrument :
BNA_F
ClientSampleId :
SB-52(13-15)-121916

Tot Ion	Ratio	Lower	Upper
240	100		
120	9.6	12.9	19.3#
236	25.4	20.9	31.3

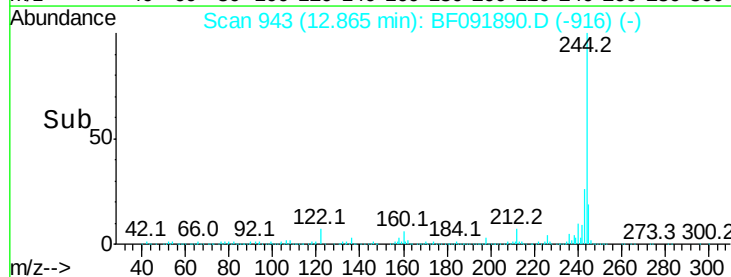
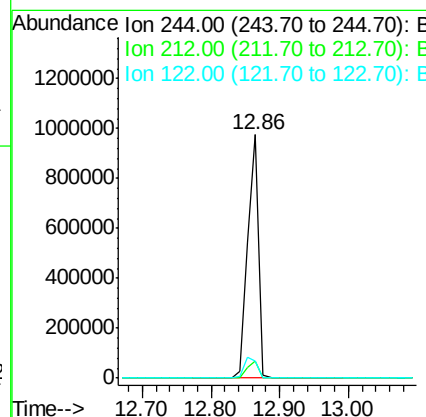
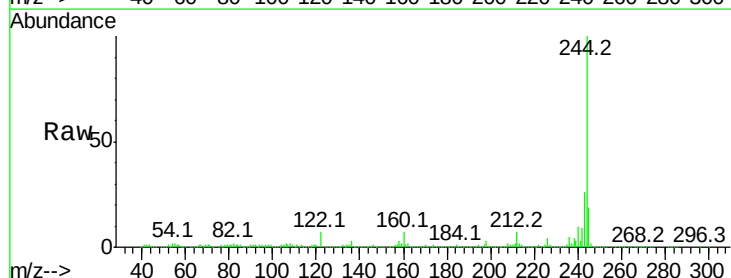
Manual Integrations
APPROVED

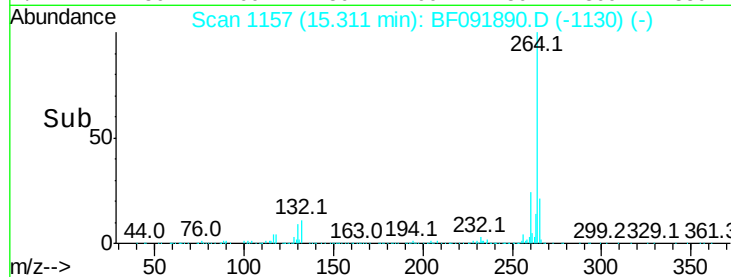
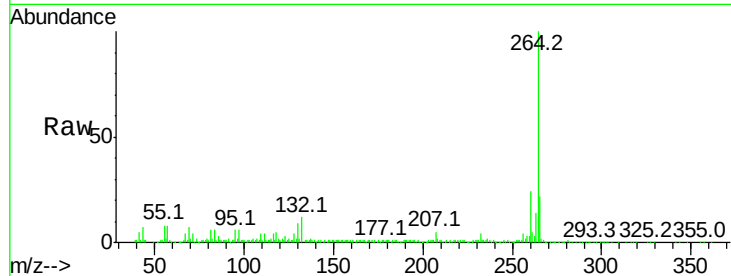
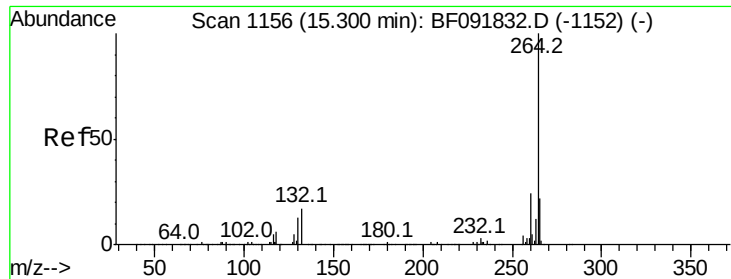
SOHIL
12/23/2016 5:53:05 PM



#78
Terphenyl-d14
Concen: 102.43 ng
RT: 12.86 min Scan# 943
Delta R.T. 0.01 min
Lab File: BF091890.D
Acq: 22 Dec 2016 17:08

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.8	6.2	9.2
122	7.2	11.4	17.2#





#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.31 min Scan# 1157
Delta R.T. 0.01 min
Lab File: BF091890.D
Acq: 22 Dec 2016 17:08

Instrument :
BNA_F
ClientSampleId :
SB-52(13-15)-121916

Tot Ion	Ratio	Resp Lower	Resp Upper
264	100		
260	23.8	19.2	28.8
265	21.7	17.4	26.0

Manual Integrations
APPROVED

SOHIL
12/23/2016 5:53:05 PM

