

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF101217\
 Data File : BF099419.D
 Acq On : 13 Oct 2017 2:34
 Operator : SJ/JU
 Sample : I5565-01
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RH-1

Manual Integrations
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Sohil
 10/13/2017 3:06:44 PM

Quant Time: Oct 13 05:30:25 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 11 16:25:21 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	105443	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	393433	20.00	ng	0.00
38) Acenaphthene-d10	9.89	164	148311	20.00	ng	0.00
63) Phenanthrene-d10	11.37	188	236881	20.00	ng	0.00
75) Chrysene-d12	14.02	240	203060	20.00	ng	0.00
86) Perylene-d12	15.50	264	143078	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	702222	106.02	ng	0.01
7) Phenol-d6	6.49	99	851852	104.25	ng	0.00
23) Nitrobenzene-d5	7.42	82	524831	85.55	ng	0.00
41) 2,4,6-Tribromophenol	10.68	330	124952	102.96	ng	0.00
44) 2-Fluorobiphenyl	9.21	172	846216	95.25	ng	0.00
78) Terphenyl-d14	12.96	244	624785	69.97	ng	0.00
Target Compounds						
10) Phenol	6.50	94	20388	2.231	ng	98
31) Naphthalene	8.16	128	126807	6.863	ng	98
37) 2-Methylnaphthalene	8.85	142	122630	10.209	ng	99
49) Dimethylphthalate	9.60	163	145417	12.991	ng	100
54) Dibenzofuran	10.09	168	35957	2.910	ng	# 90
70) Phenanthrene	11.40	178	119189	9.400	ng	98
74) Fluoranthene	12.59	202	76017	5.921	ng	98
77) Pyrene	12.82	202	79011	5.103	ng	99
80) Benzo(a)anthracene	14.01	228	50695	4.123	ng	# 90
82) Chrysene	14.04	228	73889	6.312	ng	# 93
87) Benzo(b)fluoranthene	15.06	252	60290m	6.853	ng	
89) Benzo(a)pyrene	15.43	252	29922	3.705	ng	# 80
91) Benzo(a,h,i)perylene	17.43	276	17404	2.724	ng	# 86

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

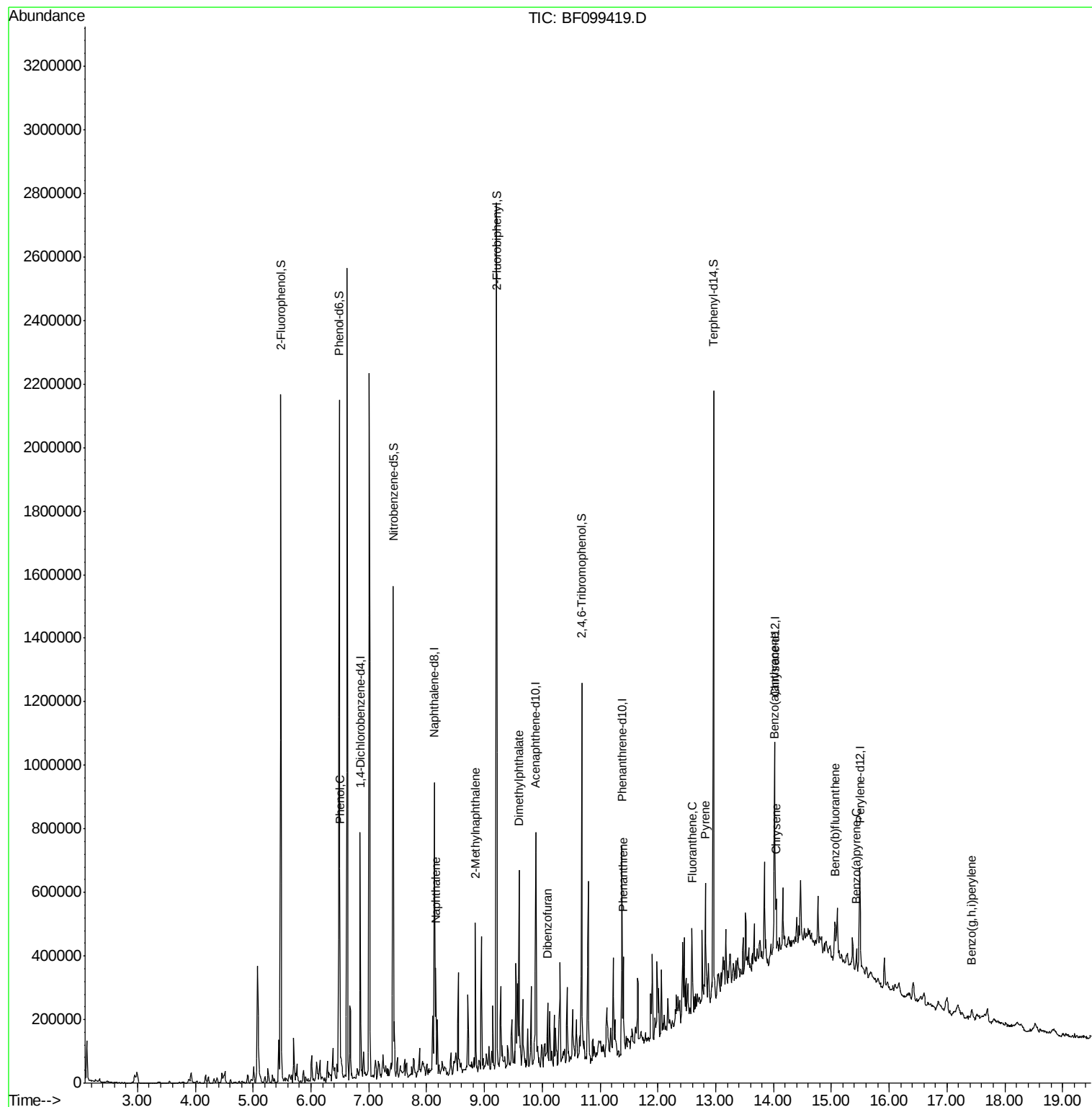
Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF101217\
Data File : BF099419.D
Acq On : 13 Oct 2017 2:34
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ALS Vial : 24 Sample Multiplier: 1

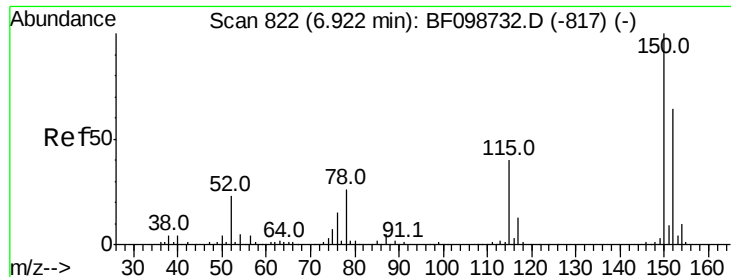
Instrument :
BNA_F
ClientSampleId :
RH-1

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Quant Time: Oct 13 05:30:25 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
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#1

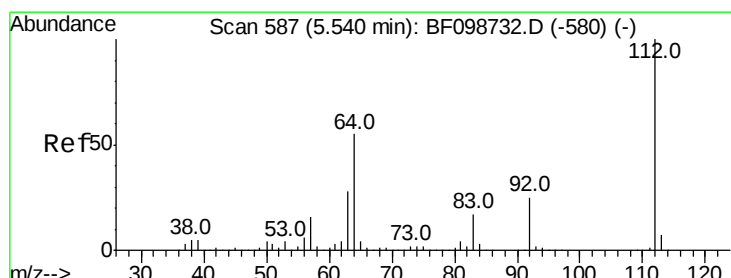
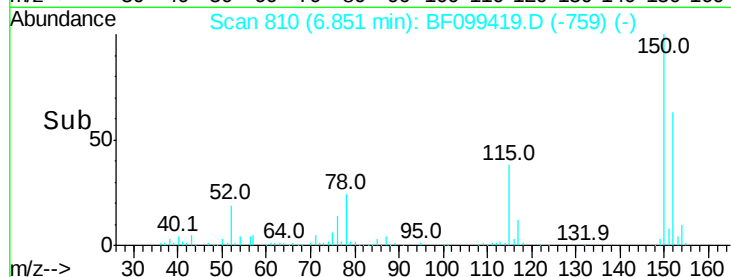
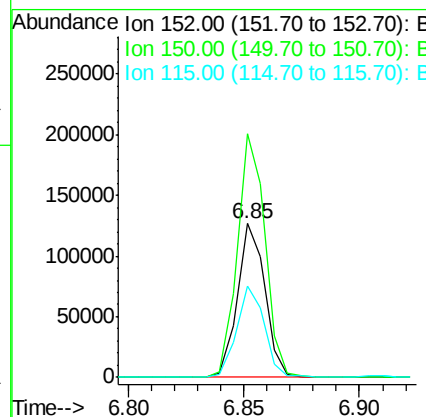
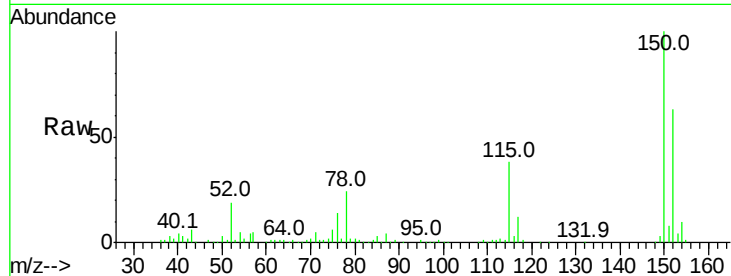
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 810
Delta R.T. -0.00 min
Lab File: BF099419.D
Acq: 13 Oct 2017 2:34

Instrument :
BNA_F
ClientSampled :
RH-1

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.3	124.6	186.8
115	59.6	50.1	75.1

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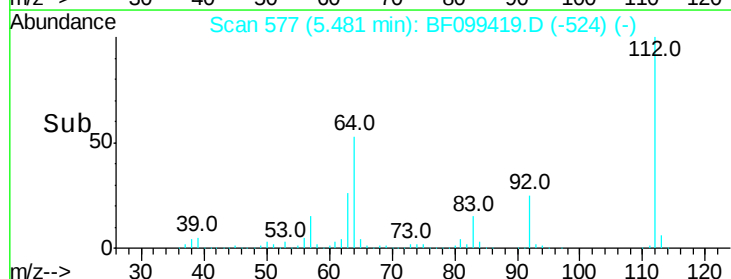
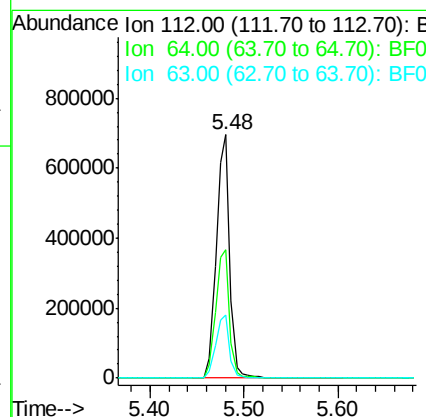
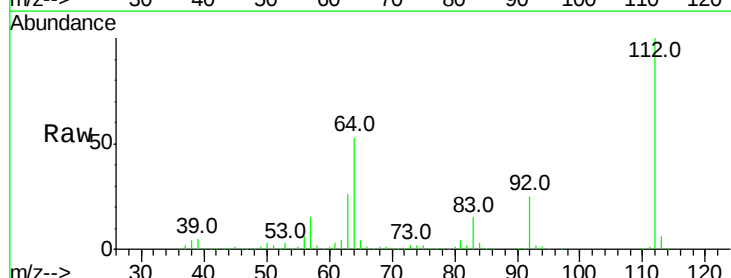
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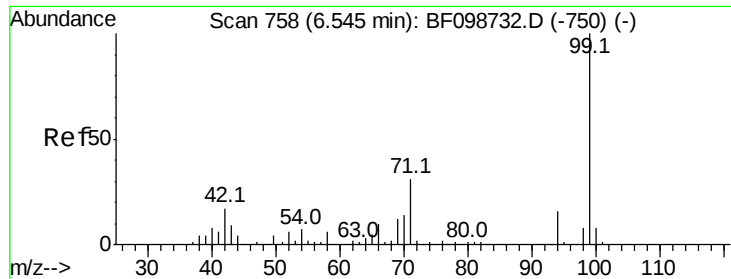


#5

2-Fluorophenol
Concen: 106.016 ng
RT: 5.48 min Scan# 577
Delta R.T. 0.01 min
Lab File: BF099419.D
Acq: 13 Oct 2017 2:34

Tgt Ion	Ratio	Lower	Upper
112	100		
64	53.0	47.9	71.9
63	25.7	23.7	35.5





#7

Phenol-d6

Concen: 104.252 ng

RT: 6.49 min Scan# 749

Delta R.T. 0.01 min

Lab File: BF099419.D

Acq: 13 Oct 2017 2:34

Instrument :

BNA_F

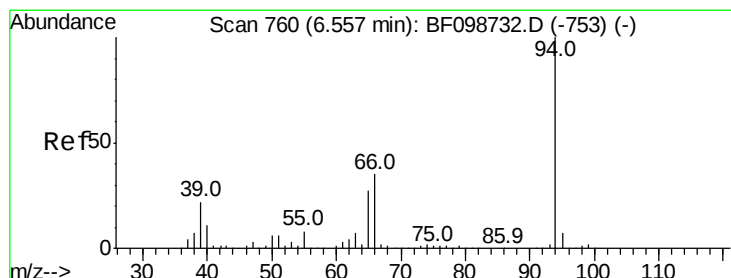
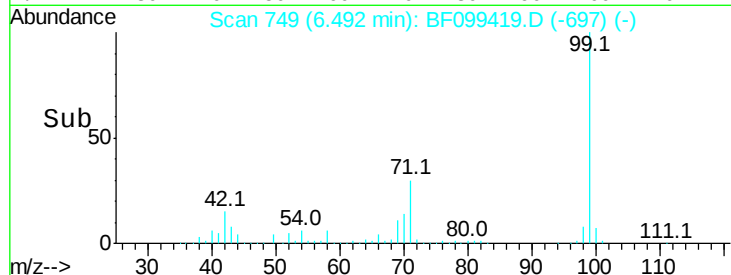
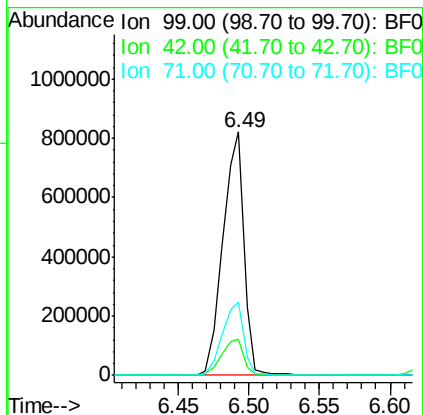
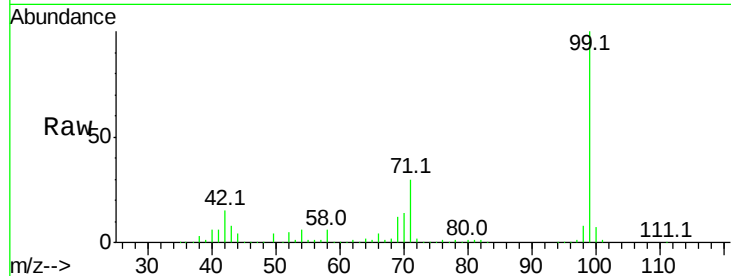
ClientSampled :

RH-1

Tot Ion:	99	Resp:	851852
Ion Ratio	Lower	Upper	
99	100		
42	15.0	14.5	21.7
71	30.3	25.4	38.0

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#10

Phenol

Concen: 2.231 ng

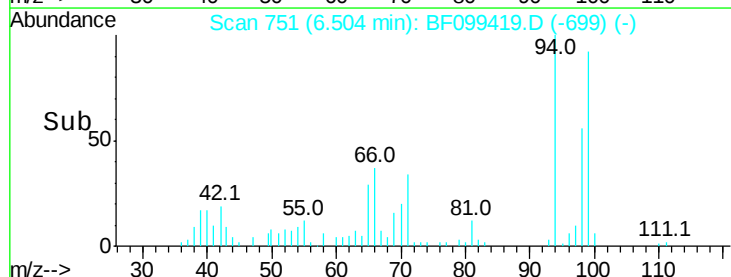
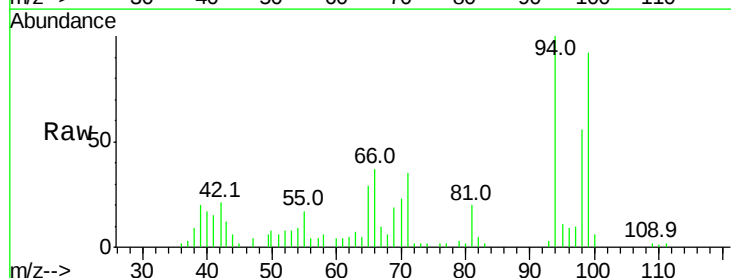
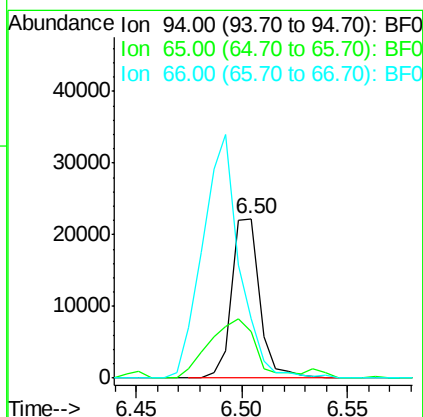
RT: 6.50 min Scan# 751

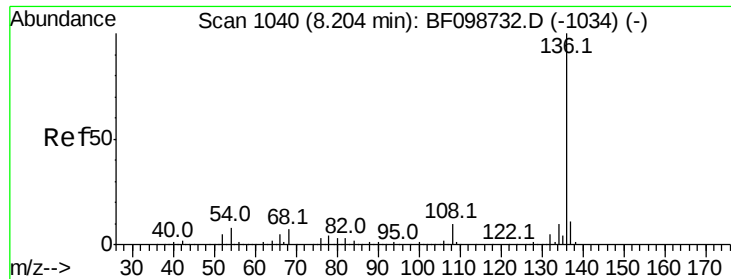
Delta R.T. 0.01 min

Lab File: BF099419.D

Acq: 13 Oct 2017 2:34

Tgt Ion:	94	Resp:	20388
Ion Ratio	Lower	Upper	
94	100		
65	29.3	7.9	47.9
66	37.2	16.2	56.2





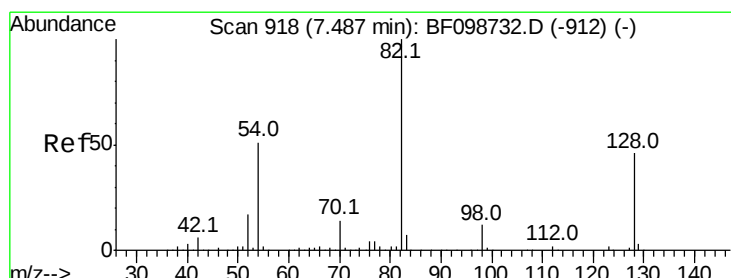
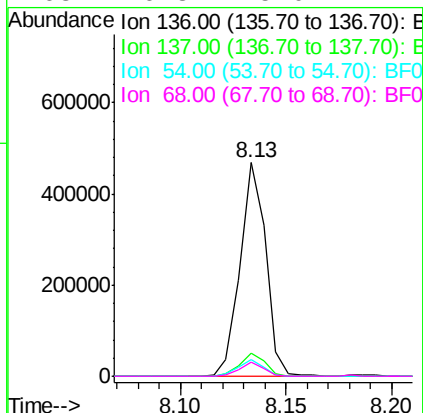
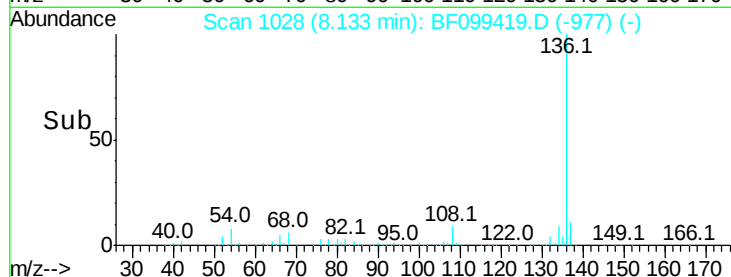
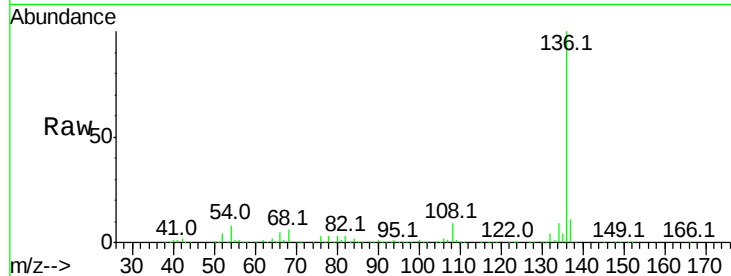
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.13 min Scan# 1028
Delta R.T. -0.00 min
Lab File: BF099419.D
Acq: 13 Oct 2017 2:34

Instrument :
BNA_F
ClientSampled :
RH-1

Tot Ion	Ratio	Resp Lower	Upper
136	100		
137	11.0	8.9	13.3
54	7.7	6.6	9.8
68	6.3	5.0	7.4

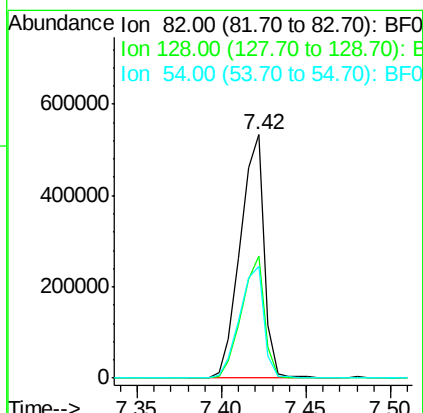
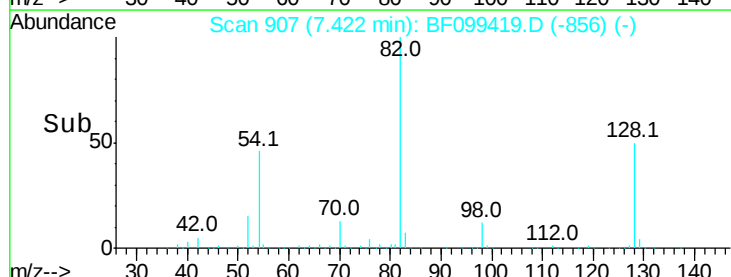
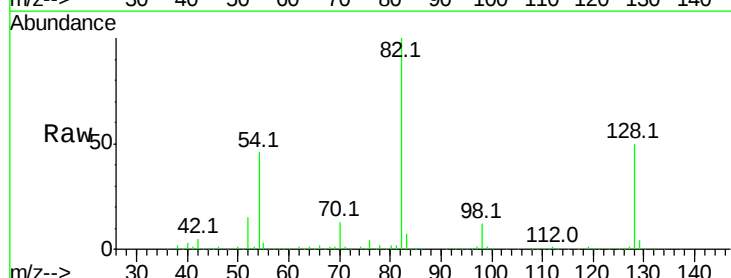
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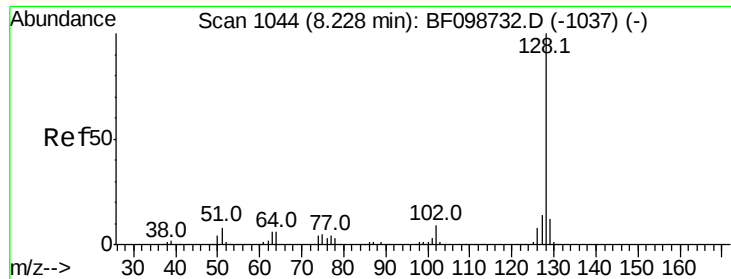
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#23
Nitrobenzene-d5
Concen: 85.548 ng
RT: 7.42 min Scan# 907
Delta R.T. -0.00 min
Lab File: BF099419.D
Acq: 13 Oct 2017 2:34

Tgt Ion	Ratio	Resp Lower	Upper
82	100		
128	50.0	36.1	54.1
54	46.0	41.4	62.2





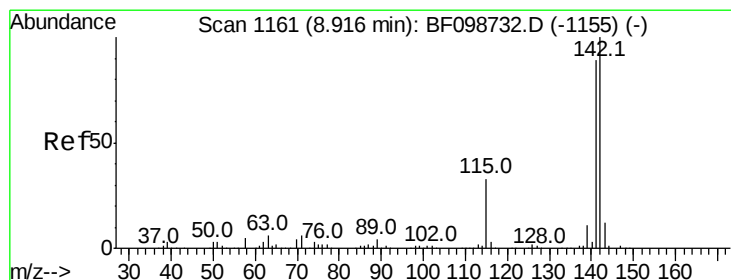
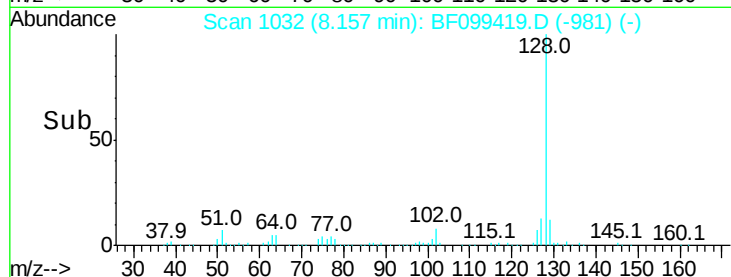
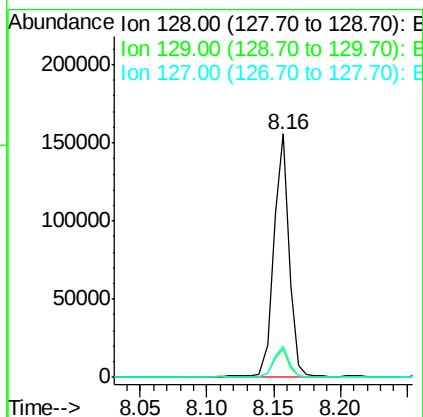
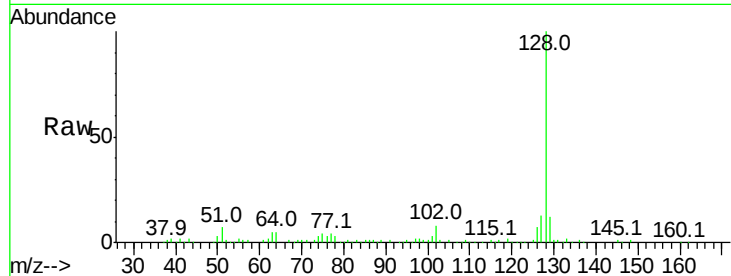
#31
Naphthalene
Concen: 6.863 ng
RT: 8.16 min Scan# 1032
Delta R.T. -0.00 min
Lab File: BF099419.D
Acq: 13 Oct 2017 2:34

Instrument :
BNA_F
ClientSampleId :
RH-1

Tot Ion	Ratio	Resp Lower	Upper
128	100		
129	11.8	8.8	13.2
127	12.7	10.9	16.3

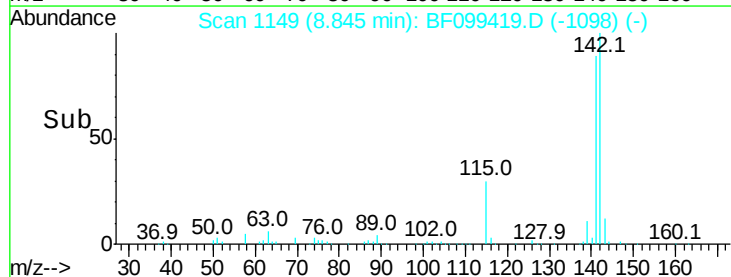
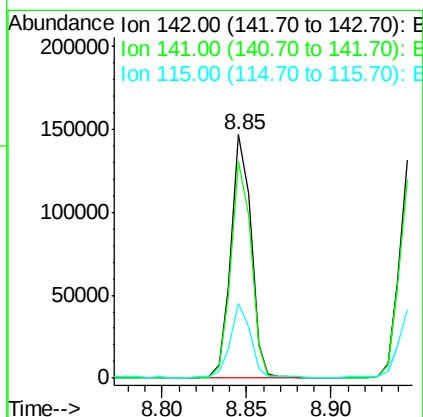
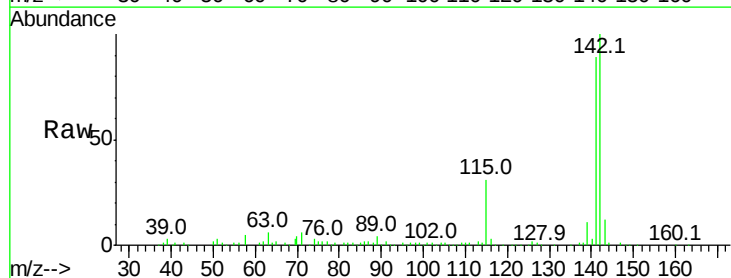
Manual Integrations
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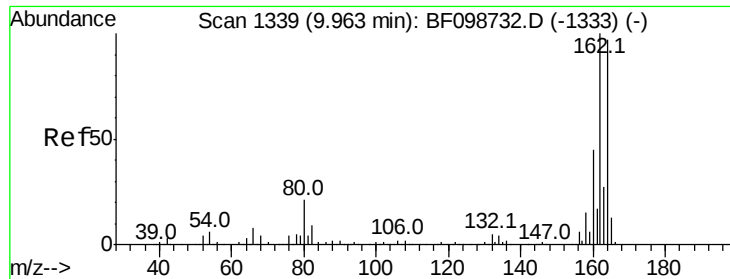
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#37
2-Methylnaphthalene
Concen: 10.209 ng
RT: 8.85 min Scan# 1149
Delta R.T. -0.00 min
Lab File: BF099419.D
Acq: 13 Oct 2017 2:34

Tgt Ion	Ratio	Resp Lower	Upper
142	100		
141	88.9	70.8	106.2
115	30.7	26.1	39.1





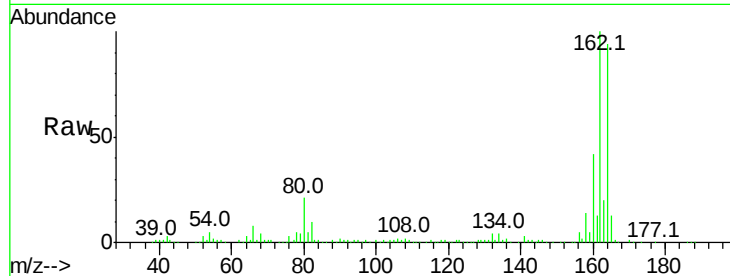
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.89 min Scan# 1326
Delta R.T. -0.01 min
Lab File: BF099419.D
Acq: 13 Oct 2017 2:34

Instrument :
BNA_F
ClientSampled :
RH-1

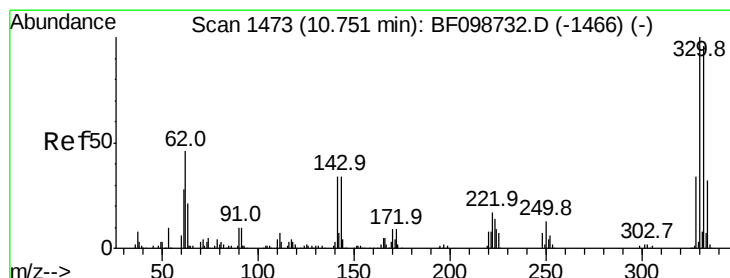
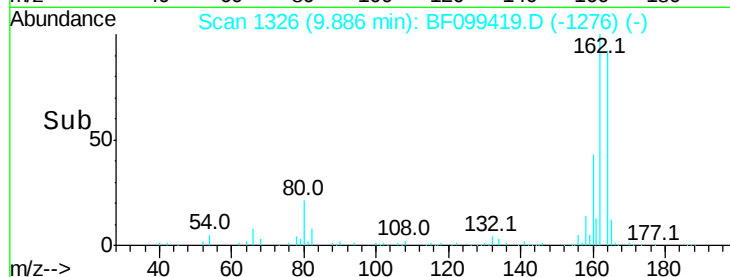
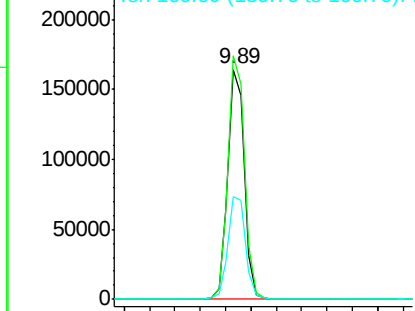
Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	106.0	86.1	129.1	
160	44.8	38.3	57.5	

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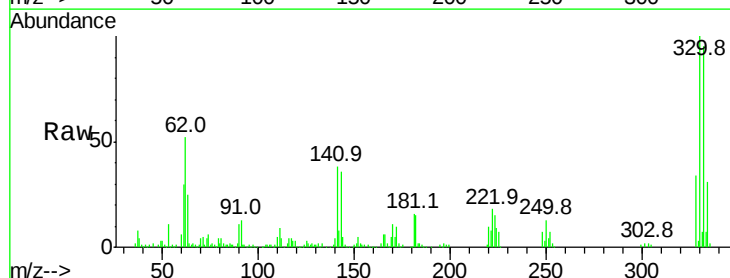


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

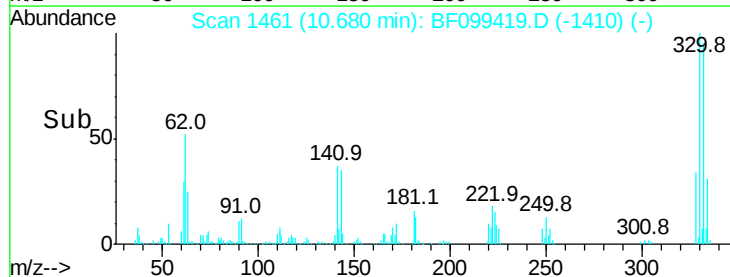
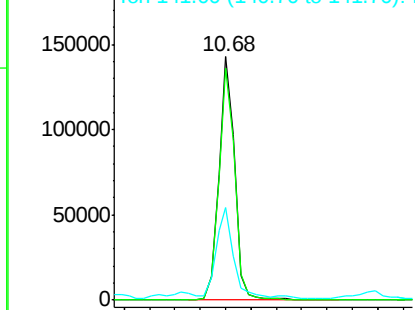


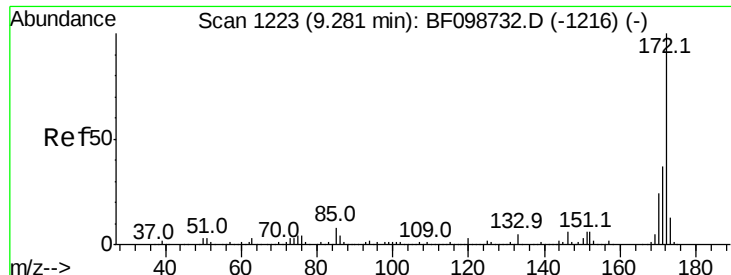
#41
2,4,6-Tribromophenol
Concen: 102.961 ng
RT: 10.68 min Scan# 1461
Delta R.T. -0.00 min
Lab File: BF099419.D
Acq: 13 Oct 2017 2:34

Tgt Ion	Ratio	Resp	Lower	Upper
330	100			
332	96.4	77.0	115.6	
141	39.1	29.9	44.9	



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E





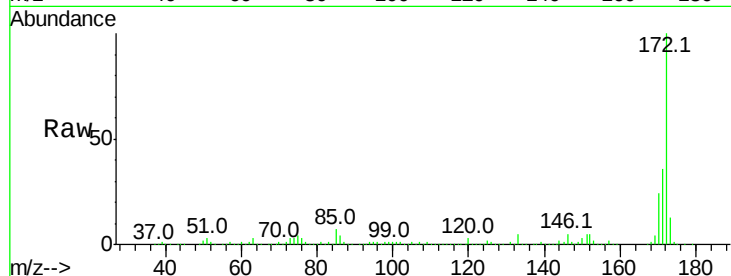
#44
2-Fluorobiphenyl
Concen: 95.252 ng
RT: 9.21 min Scan# 1211
Delta R.T. -0.00 min
Lab File: BF099419.D
Acq: 13 Oct 2017 2:34

Instrument :
BNA_F
ClientSampleId :
RH-1

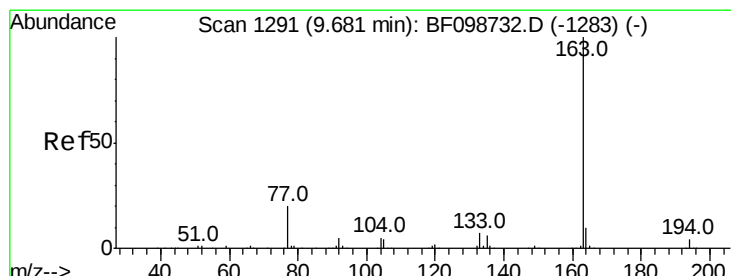
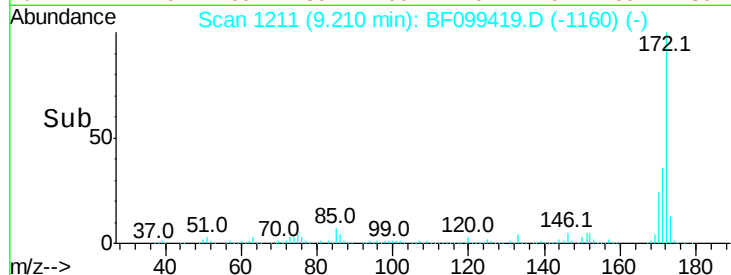
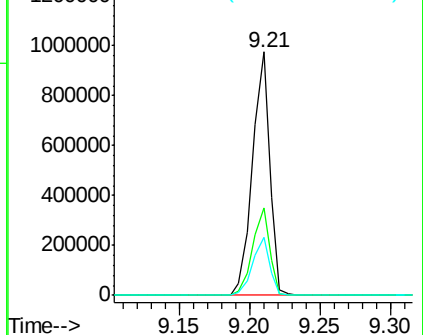
Tot Ion	Ratio	Resp	Lower	Upper
172	100			
171	35.9	29.7	44.5	
170	23.7	19.6	29.4	

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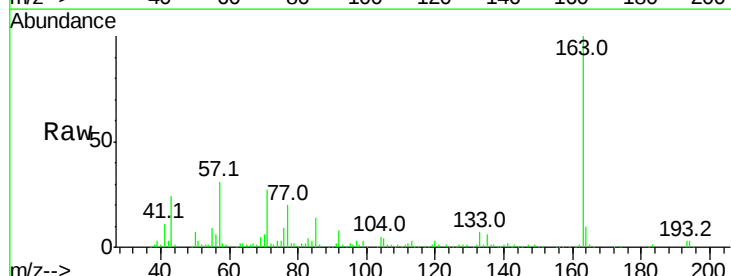


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

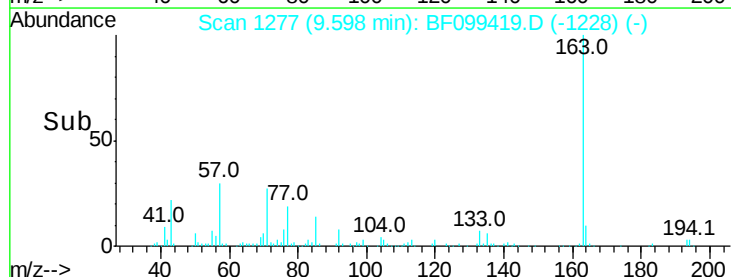
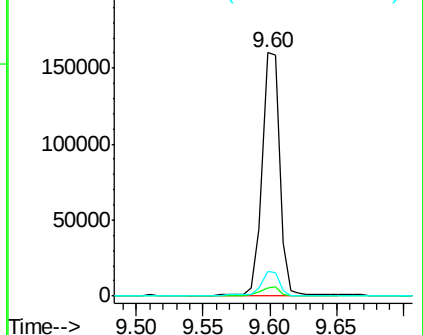


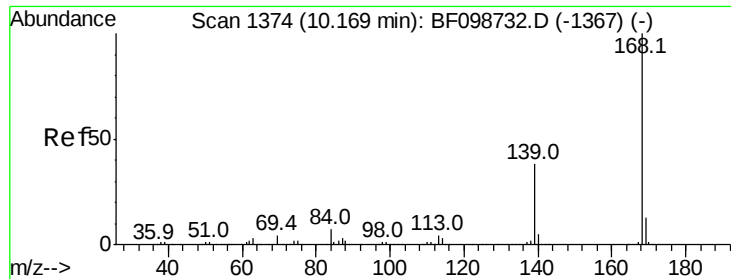
#49
Dimethylphthalate
Concen: 12.991 ng
RT: 9.60 min Scan# 1277
Delta R.T. -0.01 min
Lab File: BF099419.D
Acq: 13 Oct 2017 2:34

Tgt Ion	Ratio	Resp	Lower	Upper
163	100			
194	3.4	2.7	4.1	
164	10.3	8.2	12.2	



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E





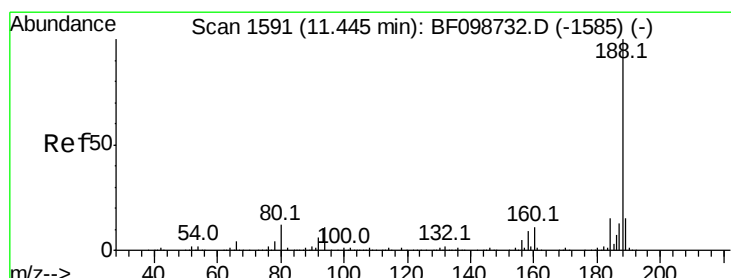
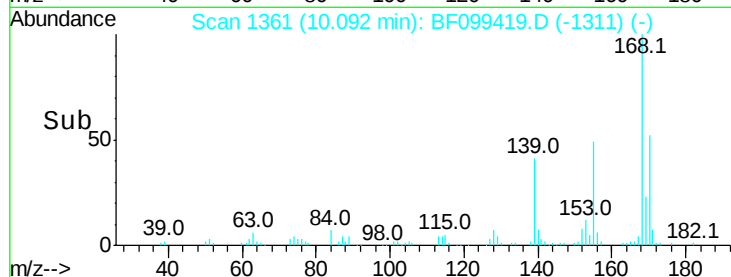
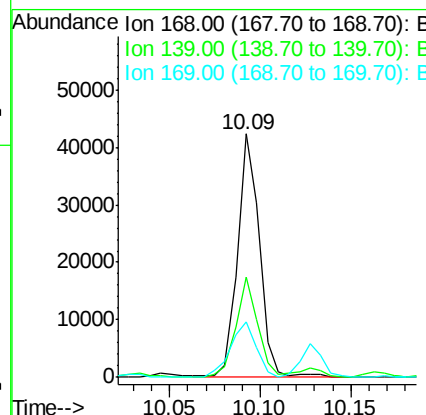
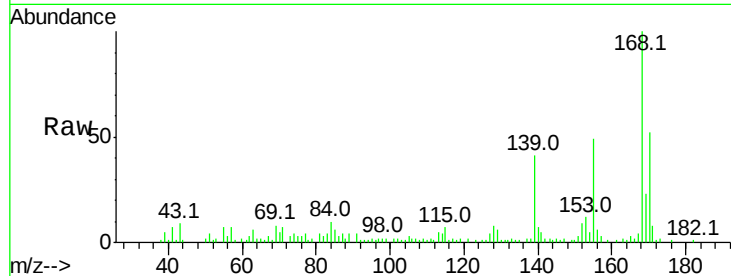
#54
Dibenzofuran
Concen: 2.910 ng
RT: 10.09 min Scan# 1361
Delta R.T. -0.01 min
Lab File: BF099419.D
Acq: 13 Oct 2017 2:34

Instrument :
BNA_F
ClientSampled :
RH-1

Tot Ion	Ratio	Lower	Upper
168	100		
139	41.0	30.1	45.1
169	22.8	10.9	16.3

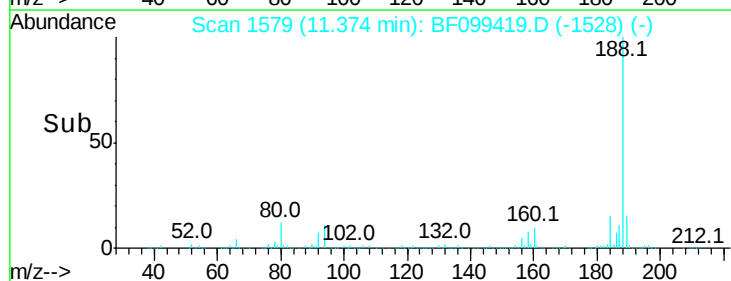
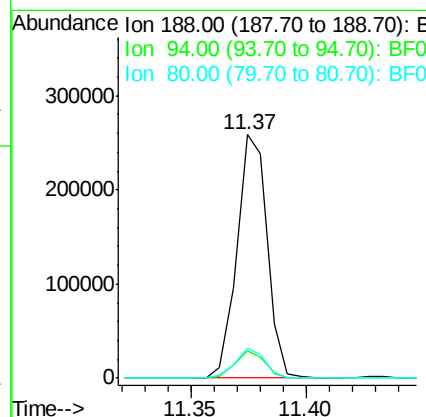
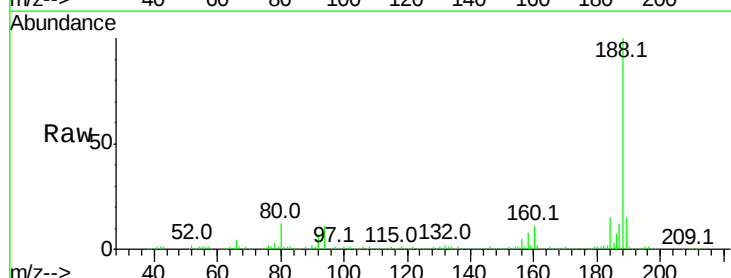
Manual Integrations
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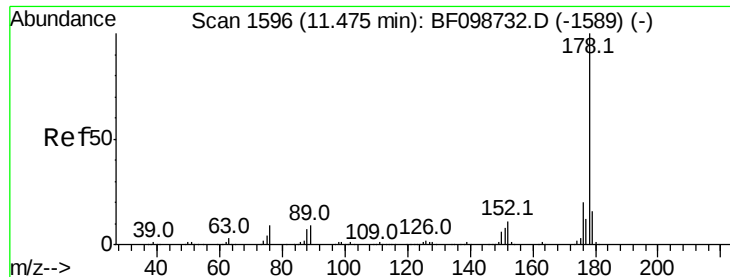
Sohil
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#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.37 min Scan# 1579
Delta R.T. -0.00 min
Lab File: BF099419.D
Acq: 13 Oct 2017 2:34

Tgt Ion	Ratio	Lower	Upper
188	100		
94	11.0	8.5	12.7
80	12.5	9.2	13.8





#70

Phenanthrene

Concen: 9.400 ng

RT: 11.40 min Scan# 1583

Delta R.T. -0.01 min

Lab File: BF099419.D

Acq: 13 Oct 2017 2:34

Instrument :

BNA_F

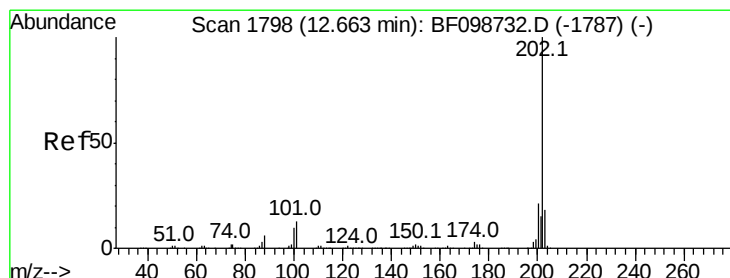
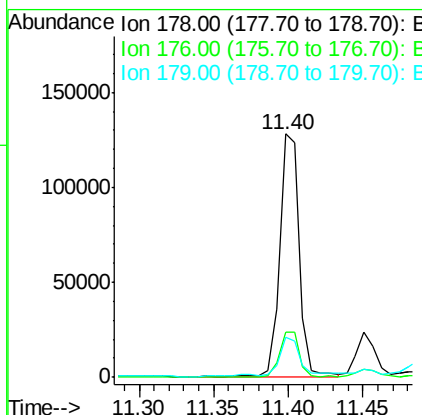
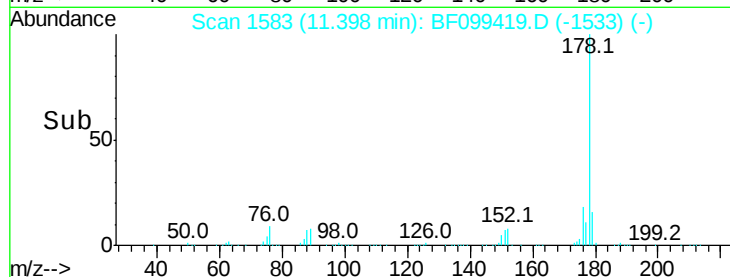
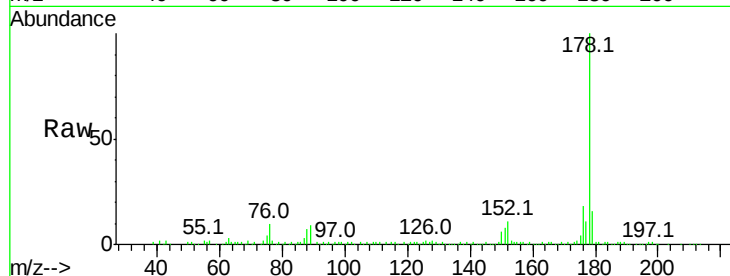
ClientSampleId :

RH-1

Tot Ion:	178	Resp:	119189
Ion Ratio	Lower	Upper	
178	100		
176	18.4	15.8	23.8
179	16.4	13.0	19.6

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#74

Fluoranthene

Concen: 5.921 ng

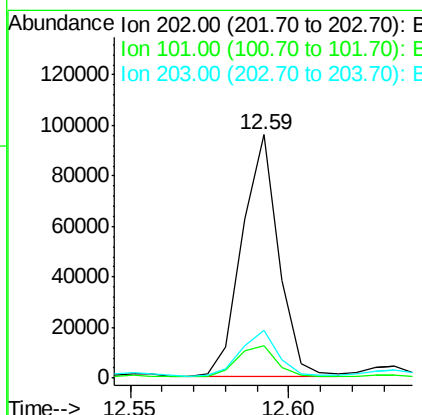
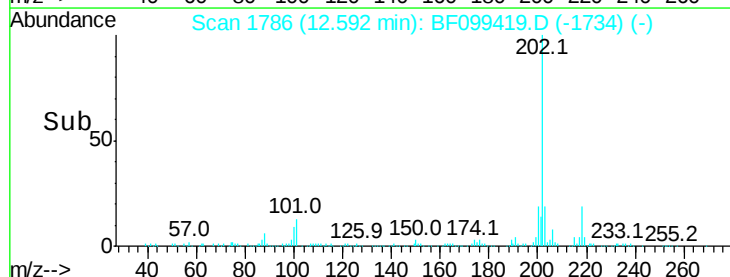
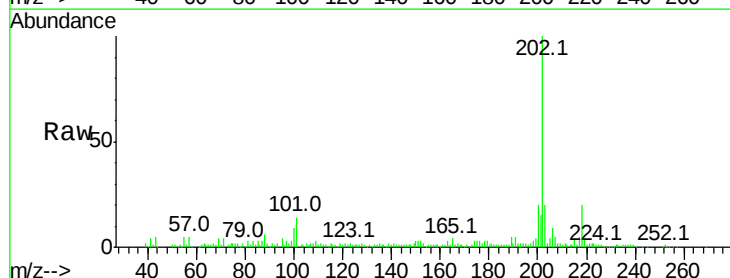
RT: 12.59 min Scan# 1786

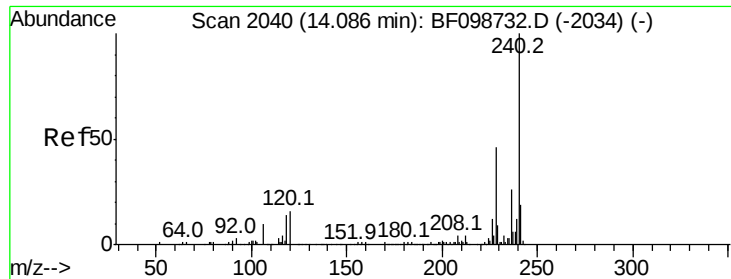
Delta R.T. 0.01 min

Lab File: BF099419.D

Acq: 13 Oct 2017 2:34

Tgt Ion:	202	Resp:	76017
Ion Ratio	Lower	Upper	
202	100		
101	13.5	0.0	34.1
203	19.6	0.0	38.1





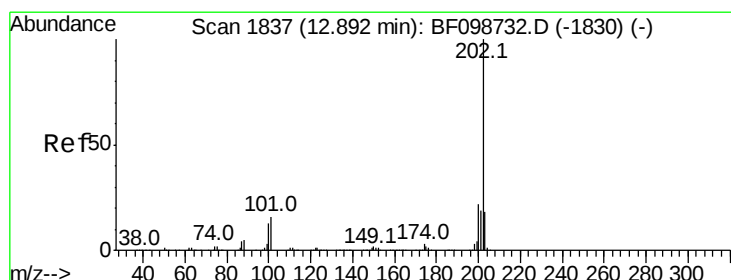
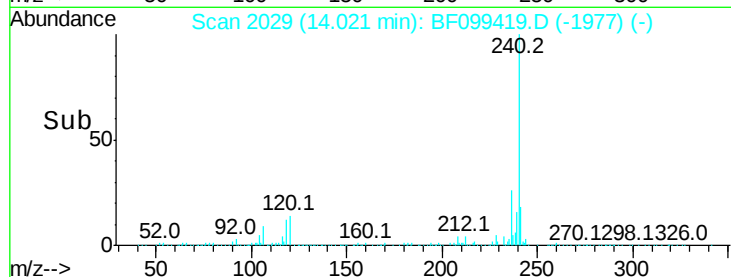
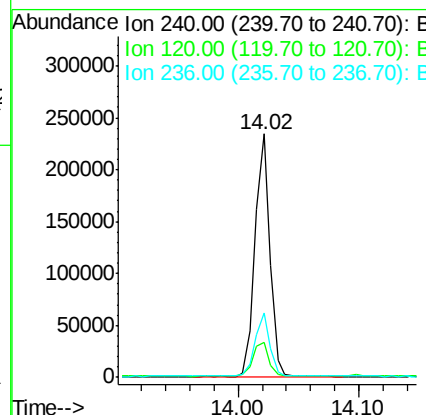
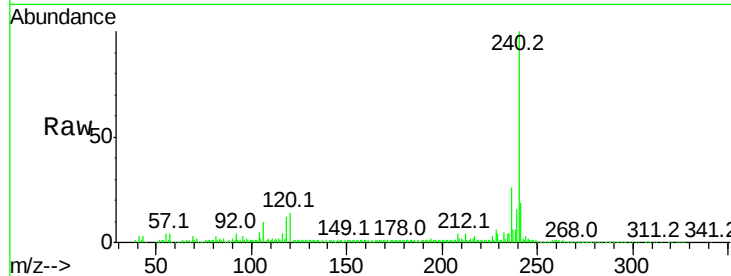
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.02 min Scan# 2029
Delta R.T. 0.01 min
Lab File: BF099419.D
Acq: 13 Oct 2017 2:34

Instrument :
BNA_F
ClientSampled :
RH-1

Tot Ion	Ratio	Resp Lower	Upper
240	100		
120	14.4	9.5	14.3#
236	26.5	20.7	31.1

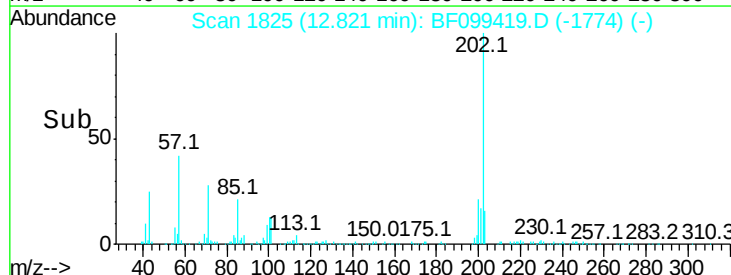
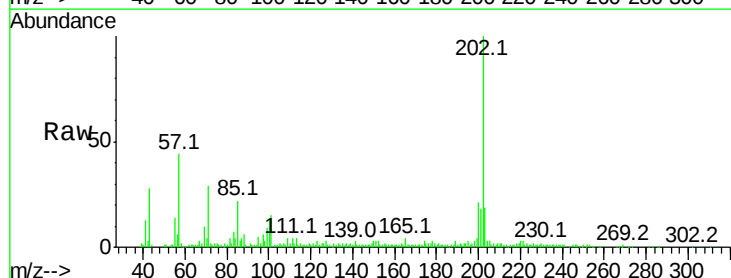
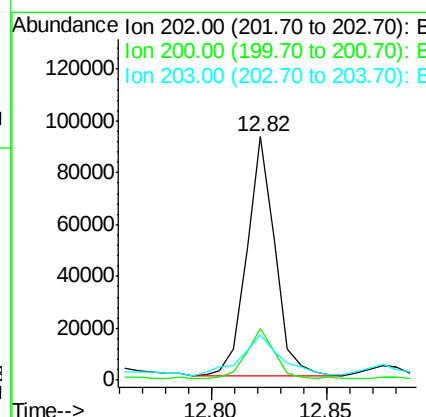
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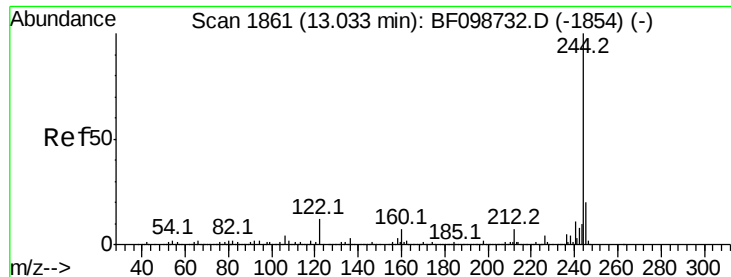
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#77
Pyrene
Concen: 5.103 ng
RT: 12.82 min Scan# 1825
Delta R.T. -0.00 min
Lab File: BF099419.D
Acq: 13 Oct 2017 2:34

Tgt Ion	Ratio	Resp Lower	Upper
202	100		
200	21.3	17.4	26.2
203	18.5	14.3	21.5





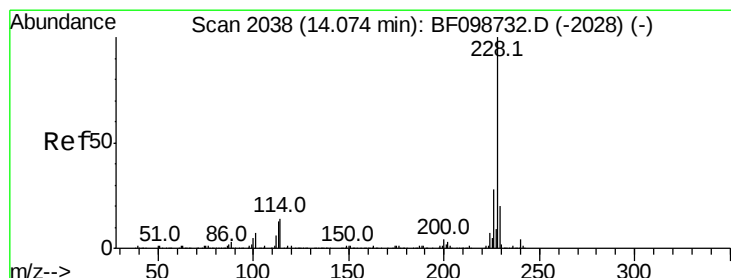
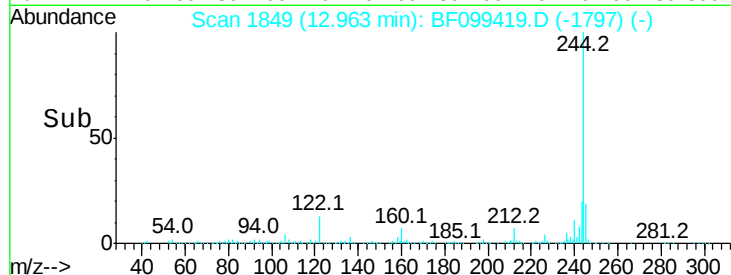
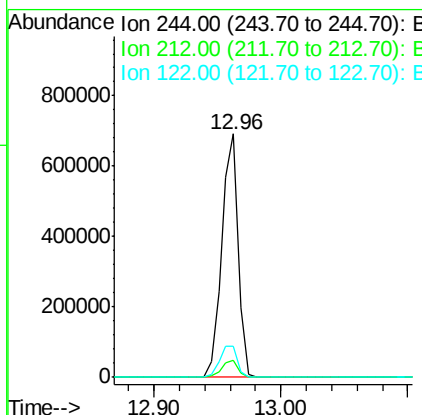
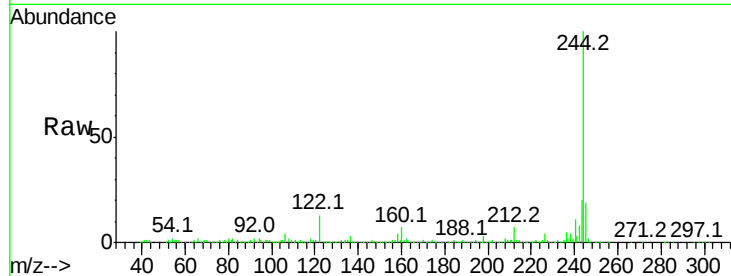
#78
 Terphenyl-d14
 Concen: 69.974 ng
 RT: 12.96 min Scan# 1849
 Delta R.T. 0.01 min
 Lab File: BF099419.D
 Acq: 13 Oct 2017 2:34

Instrument :
 BNA_F
 ClientSampled :
 RH-1

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.4	8.0
122	12.7	11.0	16.4

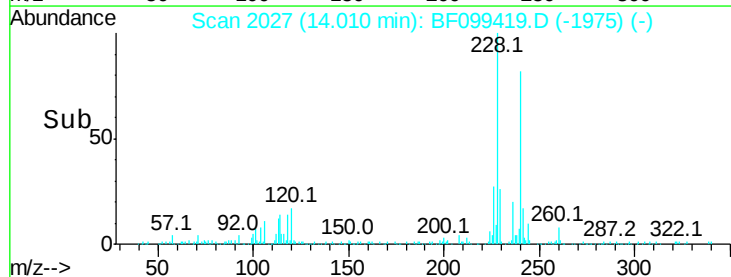
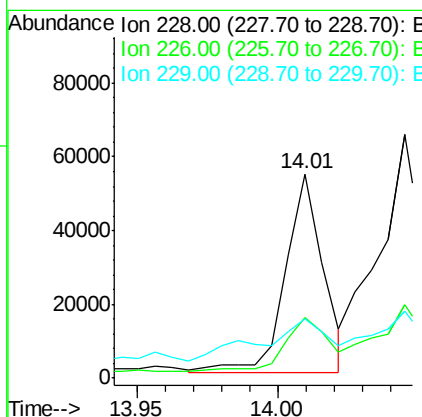
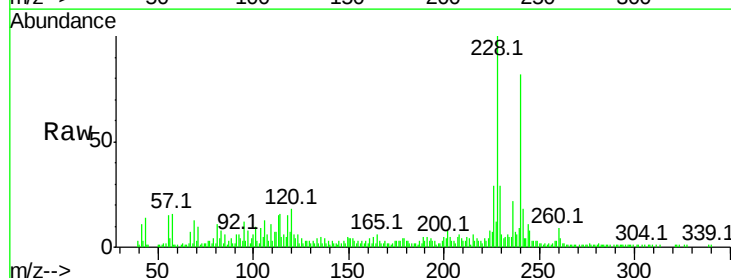
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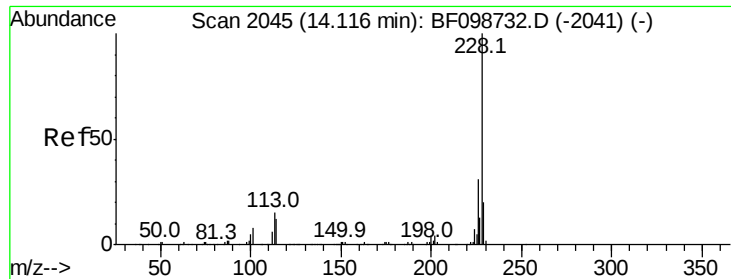
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#80
 Benzo(a)anthracene
 Concen: 4.123 ng
 RT: 14.01 min Scan# 2027
 Delta R.T. 0.01 min
 Lab File: BF099419.D
 Acq: 13 Oct 2017 2:34

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.4	22.6	33.8
229	29.3	15.8	23.6





#82

Chrysene

Concen: 6.312 ng

RT: 14.04 min Scan# 2033

Delta R.T. -0.00 min

Lab File: BF099419.D

Acq: 13 Oct 2017 2:34

Instrument :

BNA_F

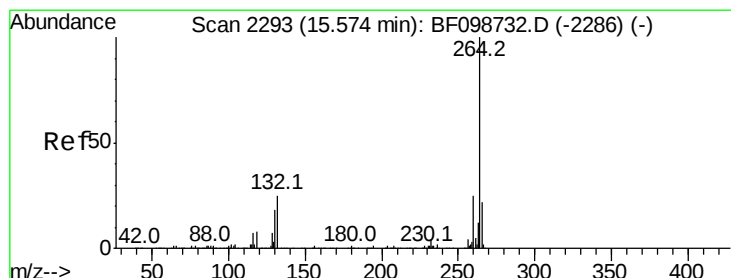
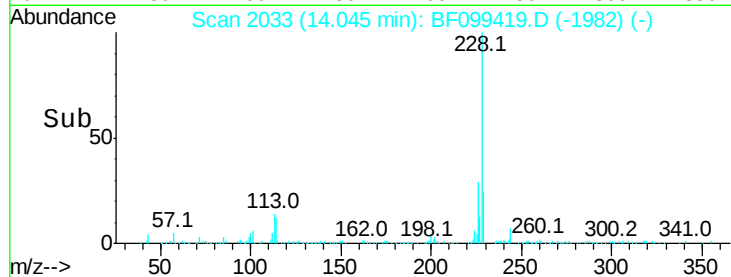
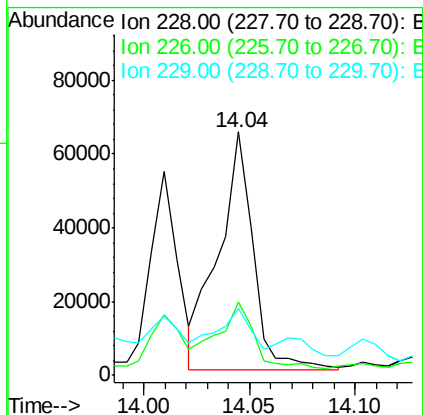
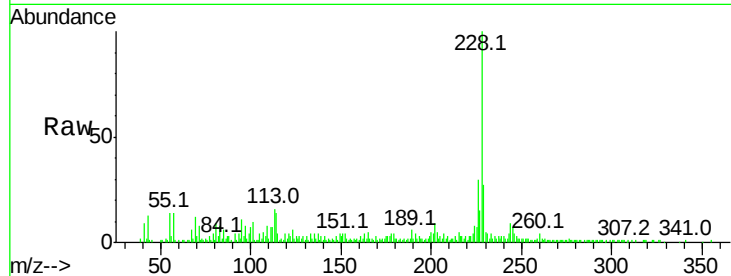
ClientSampleId :

RH-1

Tot Ion:	228	Resp:	73889
Ion Ratio	Lower	Upper	
228	100		
226	30.2	25.0	37.6
229	27.4	16.2	24.4

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#86

Perylene-d12

Concen: 20.000 ng

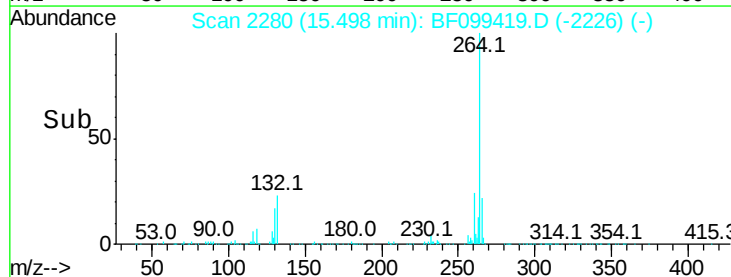
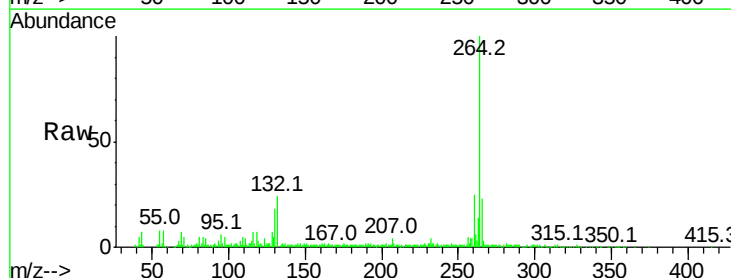
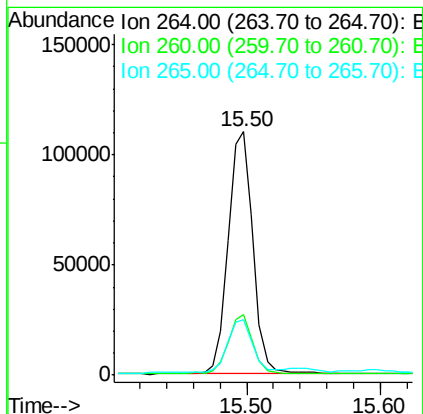
RT: 15.50 min Scan# 2280

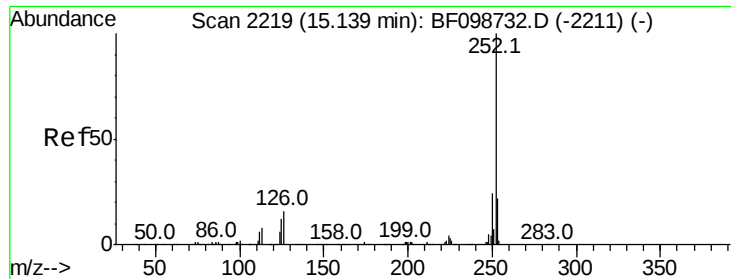
Delta R.T. 0.02 min

Lab File: BF099419.D

Acq: 13 Oct 2017 2:34

Tgt Ion:	264	Resp:	143078
Ion Ratio	Lower	Upper	
264	100		
260	24.8	19.2	28.8
265	22.5	17.5	26.3





#87

Benzo(b)fluoranthene

Concen: 6.853 ng/mL

RT: 15.06 min Scan# 2206

Delta R.T. 0.01 min

Lab File: BF099419.D

Acq: 13 Oct 2017 2:34

Instrument :

BNA_F

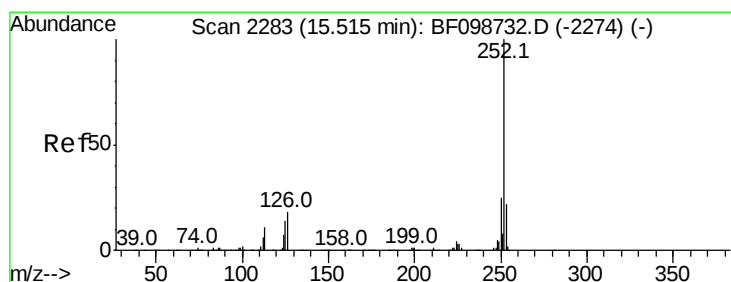
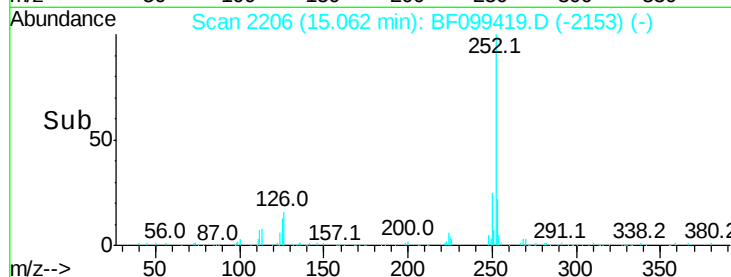
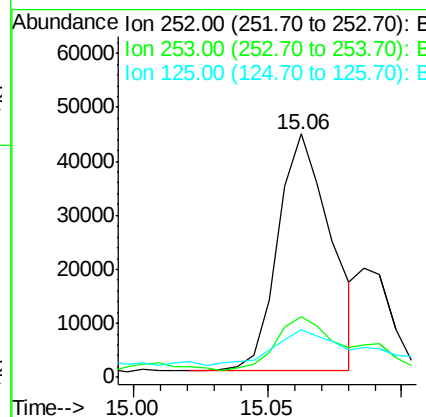
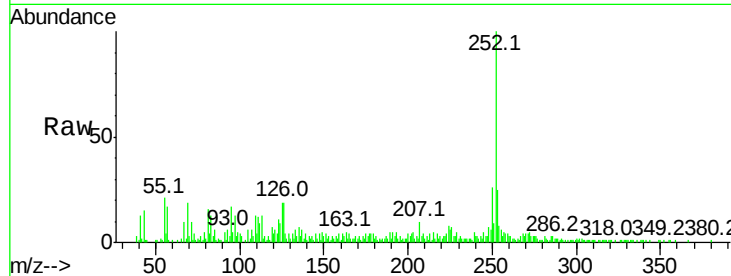
ClientSampled :

RH-1

Tot Ion:	252	Resp:	60290
Ion Ratio	Lower	Upper	
252	100		
253	24.8	17.0	25.6
125	19.4	9.0	13.6#

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#89

Benzo(a)pyrene

Concen: 3.705 ng/mL

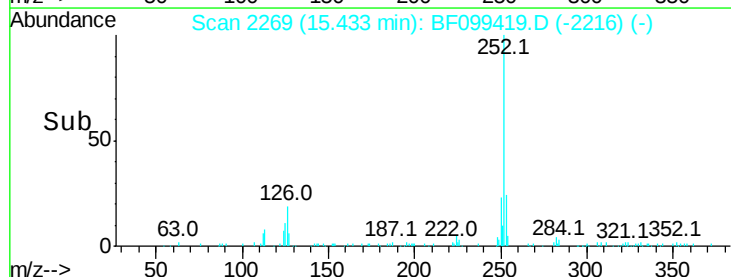
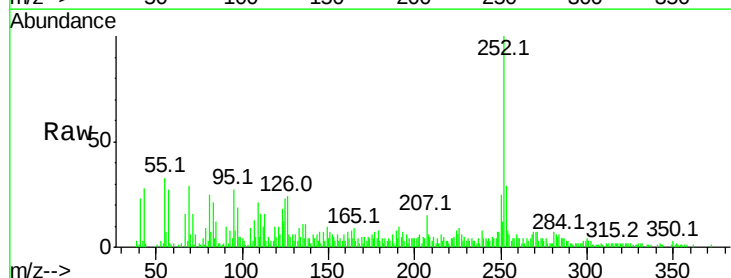
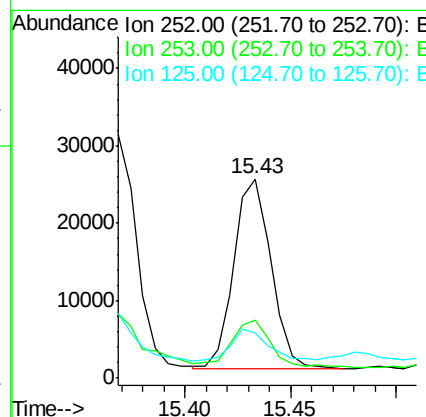
RT: 15.43 min Scan# 2269

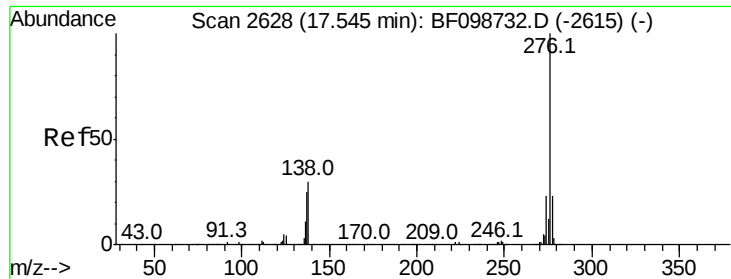
Delta R.T. 0.01 min

Lab File: BF099419.D

Acq: 13 Oct 2017 2:34

Tgt Ion:	252	Resp:	29922
Ion Ratio	Lower	Upper	
252	100		
253	29.2	17.1	25.7#
125	22.6	9.8	14.6#





#91
 Benzo(a,h,i)perylene
 Concen: 2.724 ng
 RT: 17.43 min Scan# 2609
 Delta R.T. 0.02 min
 Lab File: BF099419.D
 Acq: 13 Oct 2017 2:34

Instrument :
 BNA_F
 ClientSampleId :
 RH-1

Tot Ion	Ratio	Lower	Upper
276	100		
277	28.7	17.9	26.9#
138	34.9	21.8	32.8#

Manual Integrations
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