

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112217\
 Data File : BF100818.D
 Acq On : 22 Nov 2017 11:30
 Operator : SJ/JU
 Sample : I6557-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RT-3407-RT-1867-2077

Manual Integrations
 APPROVED

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 11/27/2017 3:19:25 PM

Quant Time: Nov 25 05:21:45 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 17 15:22:08 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	86671	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	337049	20.00	ng	-0.02
38) Acenaphthene-d10	9.92	164	128947	20.00	ng	0.00
63) Phenanthrene-d10	11.42	188	136730	20.00	ng	0.02
75) Chrysene-d12	14.05	240	179974	20.00	ng	0.00
86) Perylene-d12	15.52	264	211129	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	638965	118.18	ng	0.00
7) Phenol-d6	6.50	99	795927	119.38	ng	0.00
23) Nitrobenzene-d5	7.44	82	496308	97.35	ng	-0.01
41) 2,4,6-Tribromophenol	10.72	330	148878	113.30	ng	0.00
44) 2-Fluorobiphenyl	9.23	172	883881	104.38	ng	0.00
78) Terphenyl-d14	13.00	244	531091	67.80	ng	0.02
Target Compounds						
10) Phenol	6.52	94	43951	6.279	ng	99
49) Dimethylphthalate	9.62	163	69158	7.024	ng	# 84
70) Phenanthrene	11.45	178	49176	6.831	ng	# 65
74) Fluoranthene	12.64	202	133305	17.472	ng	94
77) Pyrene	12.87	202	237512	18.513	ng	97
80) Benzo(a)anthracene	14.03	228	147946	13.651	ng	95
82) Chrysene	14.07	228	149231m	14.219	ng	
85) Indeno(1,2,3-cd)pyrene	16.99	276	64084	7.549	ng	# 90
87) Benzo(b)fluoranthene	15.08	252	201100m	16.077	ng	
88) Benzo(k)fluoranthene	15.10	252	56651m	4.793	ng	
89) Benzo(a)pyrene	15.44	252	121177	10.928	ng	97
90) Dibenzo(a,h)anthracene	17.00	278	19231	2.121	ng	97
91) Benzo(a,h,i)perylene	17.43	276	57080	6.430	ng	94

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

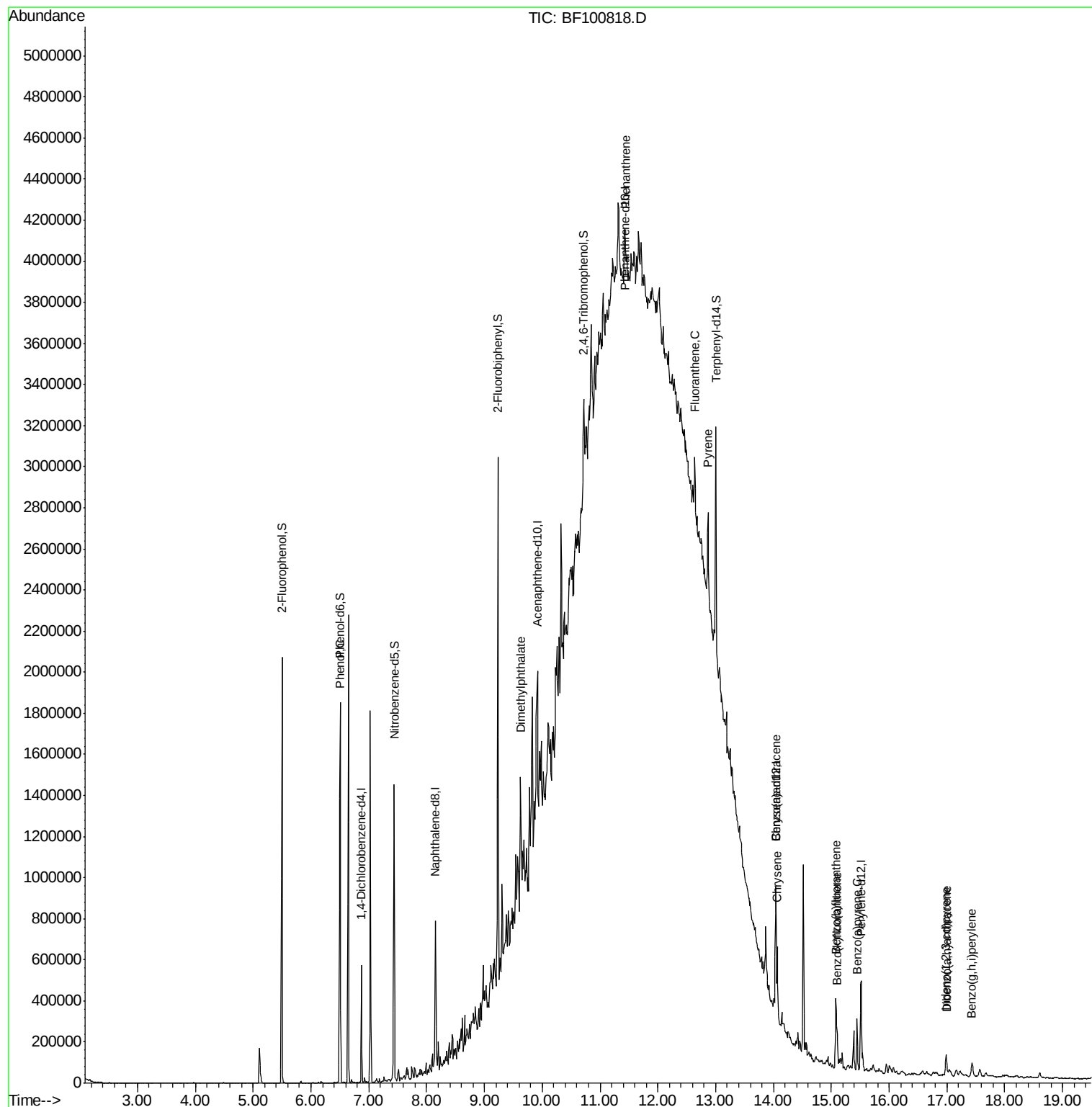
Data Path : Z:\HPCHEM1\BNA F\DATA\BF112217\
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#1

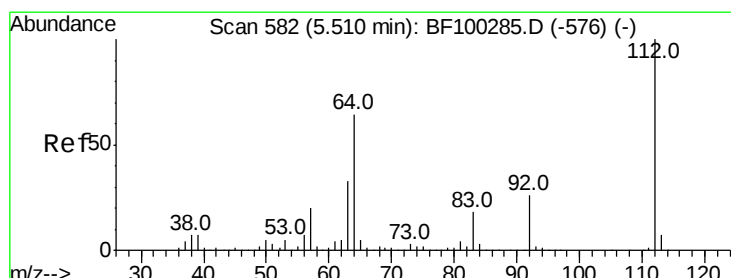
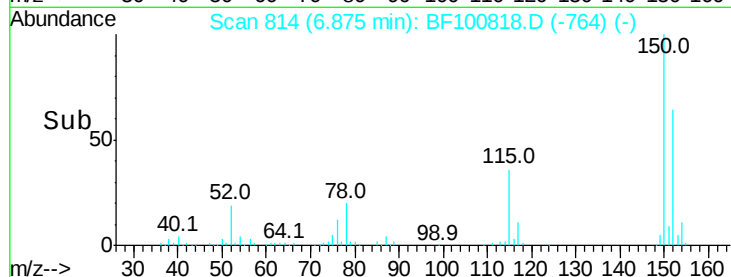
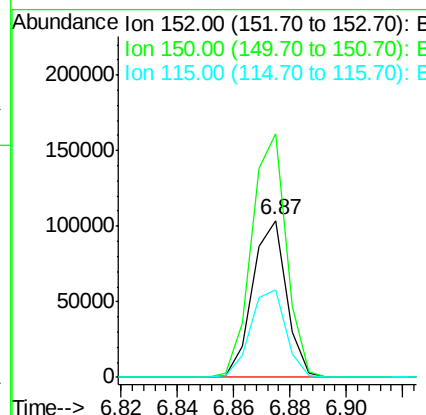
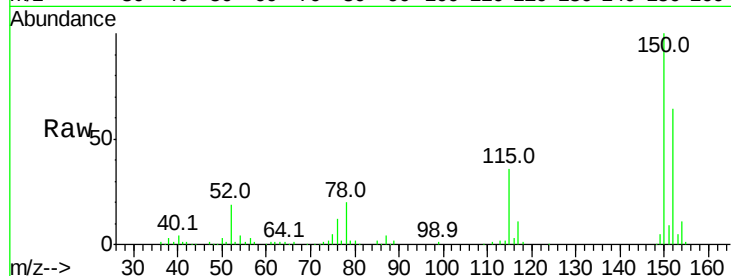
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 814
Delta R.T. -0.01 min
Lab File: BF100818.D
Acq: 22 Nov 2017 11:30

Instrument :
BNA_F
ClientSampleId :
RT-3407-RT-1867-2077

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.3	124.6	186.8
115	55.6	50.1	75.1

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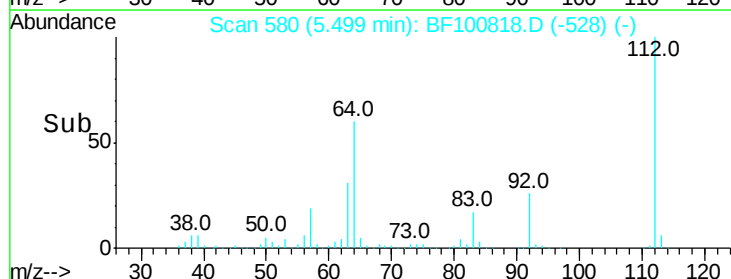
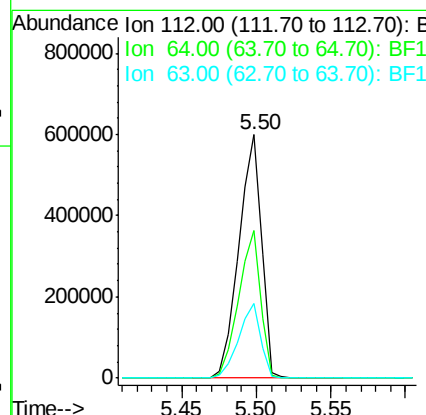
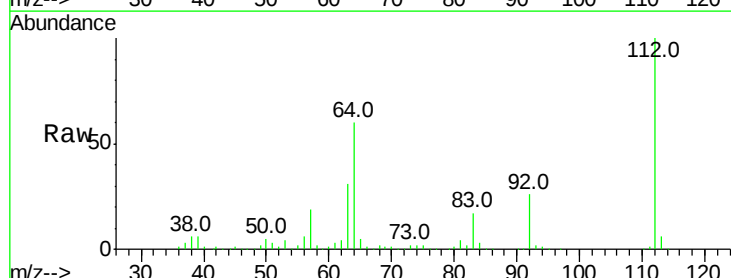
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#5

2-Fluorophenol
Concen: 118.177 ng
RT: 5.50 min Scan# 580
Delta R.T. 0.01 min
Lab File: BF100818.D
Acq: 22 Nov 2017 11:30

Tgt Ion	Ratio	Lower	Upper
112	100		
64	60.4	47.9	71.9
63	30.6	23.7	35.5





#7

Phenol-d6

Concen: 119.377 ng

RT: 6.50 min Scan# 751

Delta R.T. -0.01 min

Lab File: BF100818.D

Acq: 22 Nov 2017 11:30

Instrument :

BNA_F

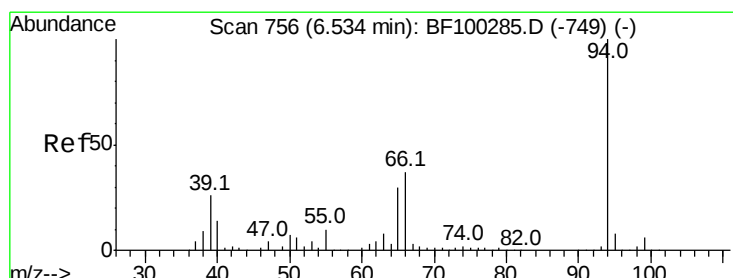
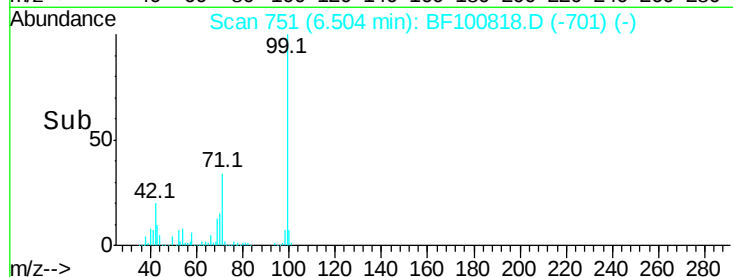
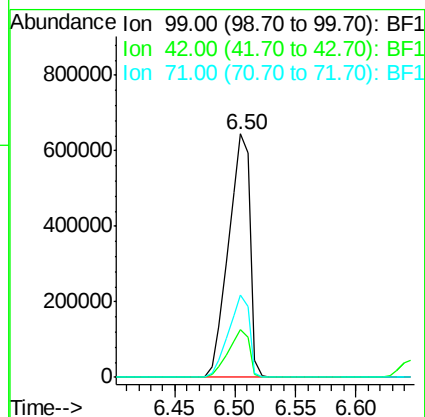
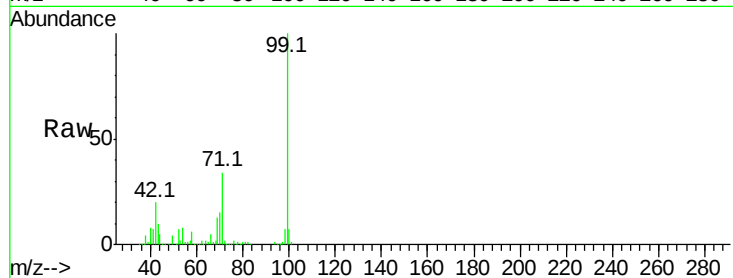
ClientSampleId :

RT-3407-RT-1867-2077

Tot Ion:	99	Resp:	795927
Ion Ratio	Lower	Upper	
99	100		
42	19.8	14.5	21.7
71	34.1	25.4	38.0

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#10

Phenol

Concen: 6.279 ng

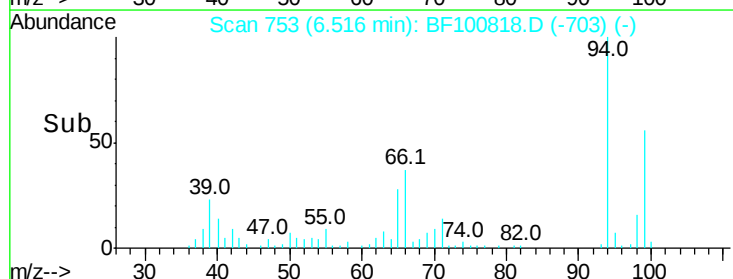
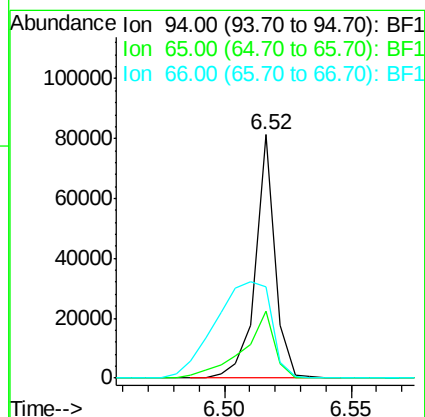
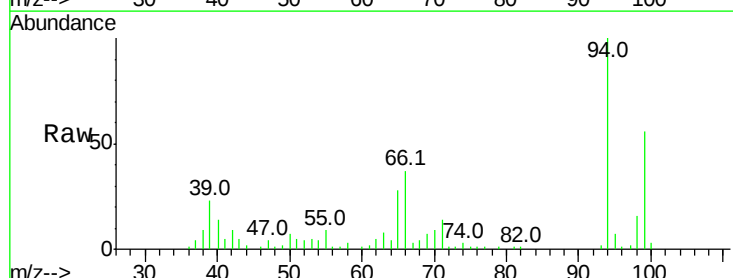
RT: 6.52 min Scan# 753

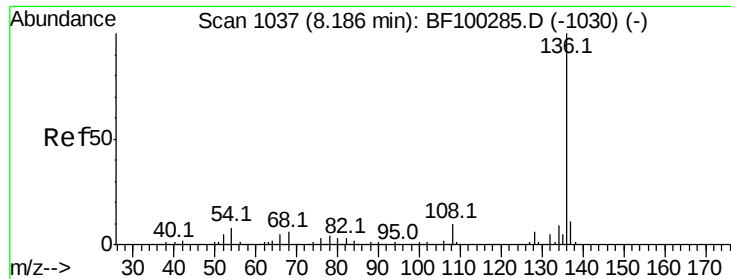
Delta R.T. -0.01 min

Lab File: BF100818.D

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Tgt Ion:	94	Resp:	43951
Ion Ratio	Lower	Upper	
94	100		
65	27.7	7.9	47.9
66	37.2	16.2	56.2





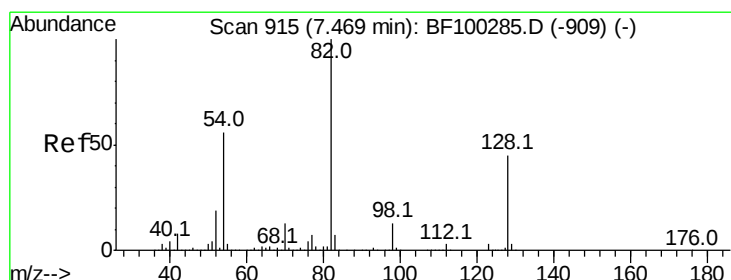
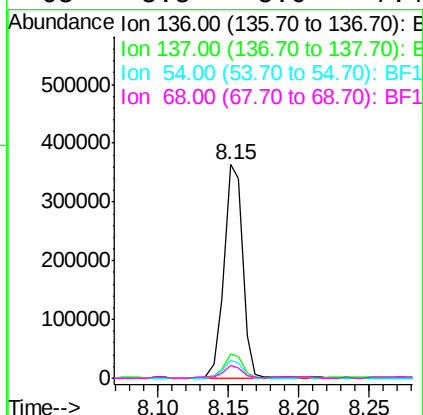
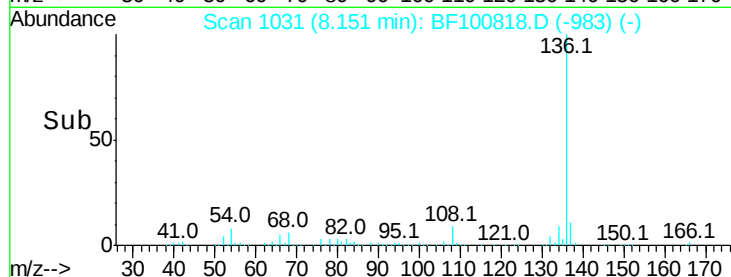
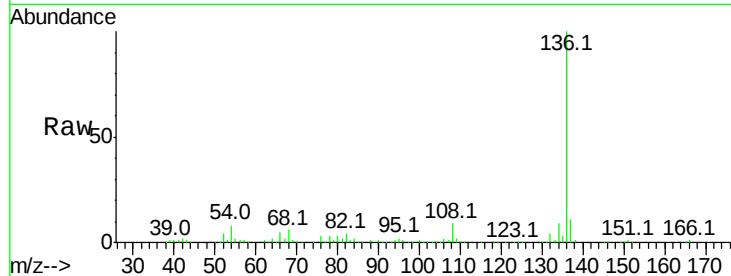
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.15 min Scan# 1031
Delta R.T. -0.02 min
Lab File: BF100818.D
Acq: 22 Nov 2017 11:30

Instrument :
BNA_F
ClientSampleId :
RT-3407-RT-1867-2077

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.3	8.9	13.3	
54	8.3	6.6	9.8	
68	5.8	5.0	7.4	

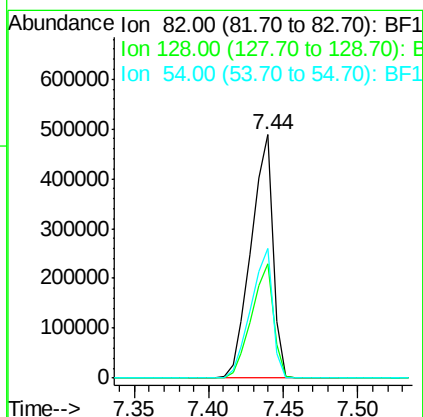
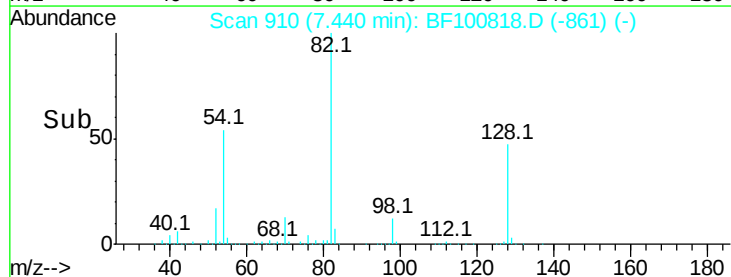
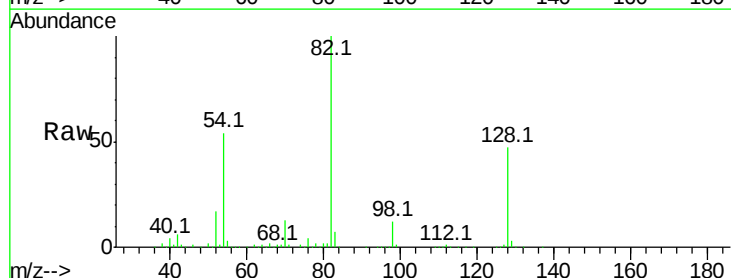
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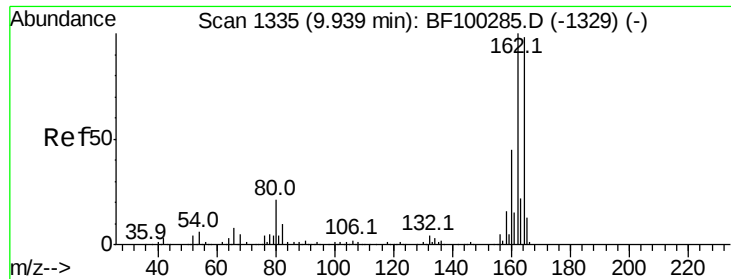
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#23
Nitrobenzene-d5
Concen: 97.353 ng
RT: 7.44 min Scan# 910
Delta R.T. -0.01 min
Lab File: BF100818.D
Acq: 22 Nov 2017 11:30

Tgt Ion	Ratio	Resp	Lower	Upper
82	100			
128	47.1	36.1	54.1	
54	53.5	41.4	62.2	





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.92 min Scan# 1331

Delta R.T. -0.01 min

Lab File: BF100818.D

Acq: 22 Nov 2017 11:30

Instrument :

BNA_F

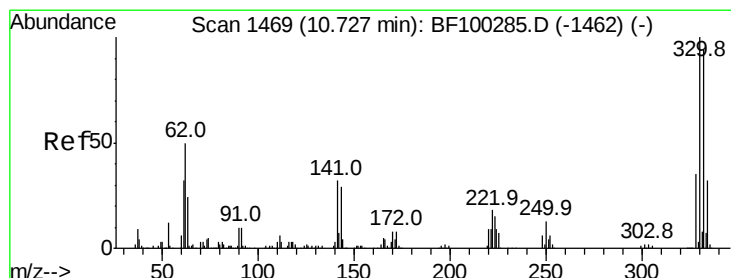
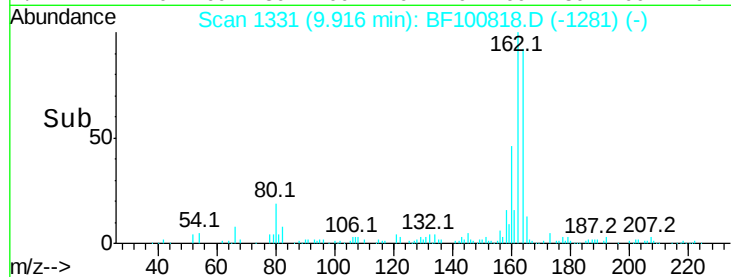
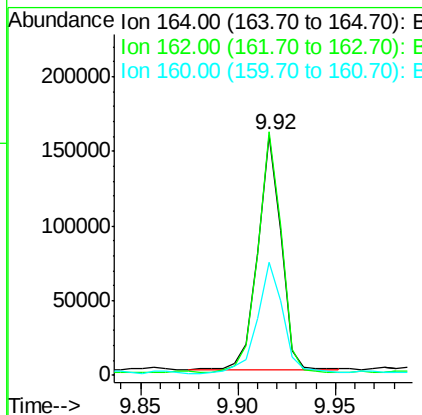
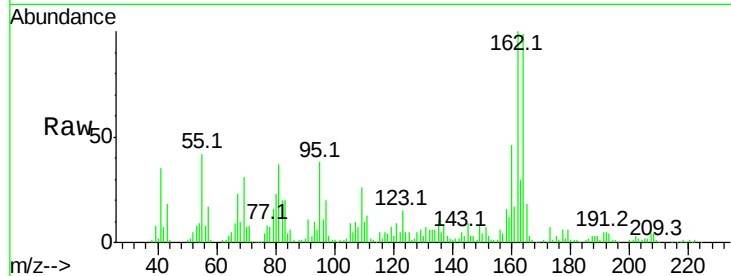
ClientSampleId :

RT-3407-RT-1867-2077

Tot Ion:	164	Resp:	128947
Ion Ratio	Lower	Upper	
164	100		
162	101.5	86.1	129.1
160	47.0	38.3	57.5

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#41

2,4,6-Tribromophenol

Concen: 113.304 ng

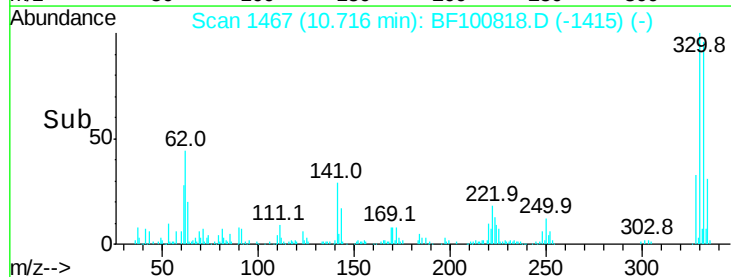
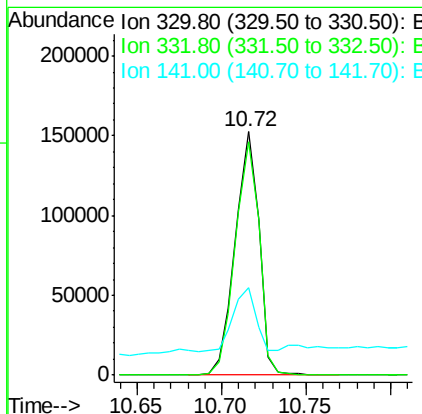
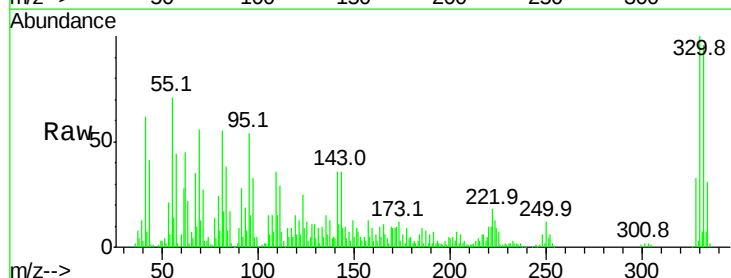
RT: 10.72 min Scan# 1467

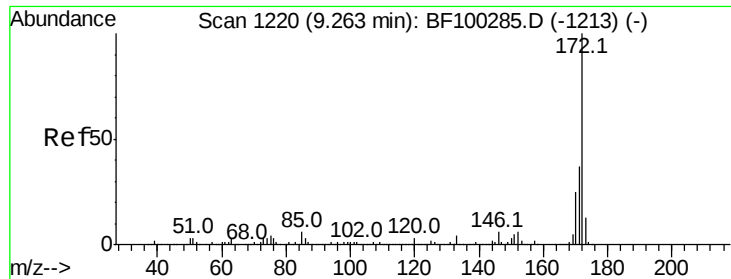
Delta R.T. 0.01 min

Lab File: BF100818.D

Acq: 22 Nov 2017 11:30

Tgt Ion:	330	Resp:	148878
Ion Ratio	Lower	Upper	
330	100		
332	97.4	77.0	115.6
141	25.1	29.9	44.9#





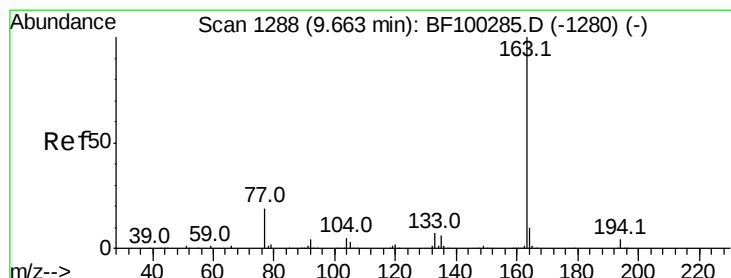
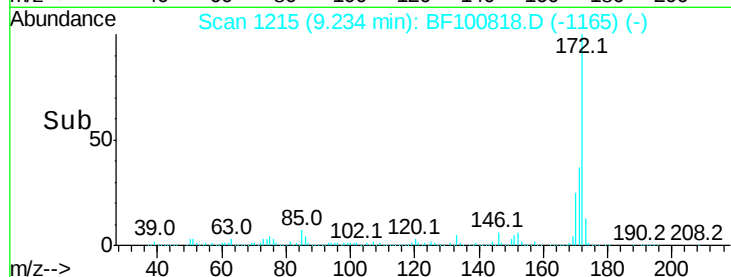
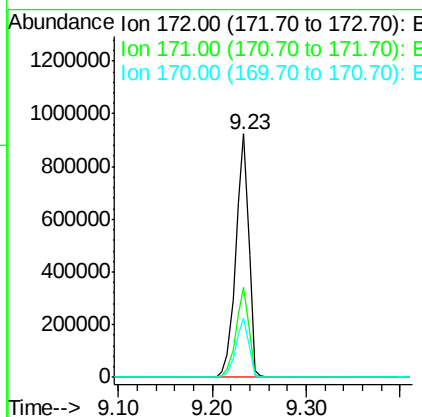
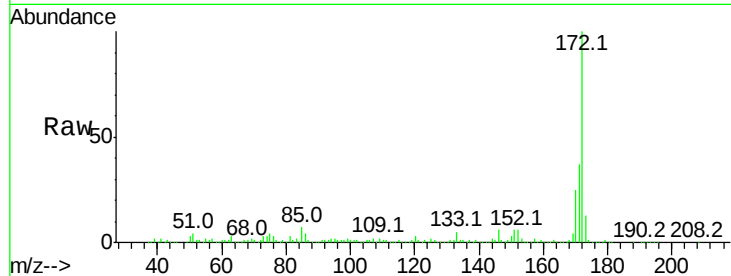
#44
2-Fluorobiphenyl
Concen: 104.376 ng
RT: 9.23 min Scan# 1215
Delta R.T. -0.01 min
Lab File: BF100818.D
Acq: 22 Nov 2017 11:30

Instrument :
BNA_F
ClientSampleId :
RT-3407-RT-1867-2077

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.9	29.7	44.5
170	24.5	19.6	29.4

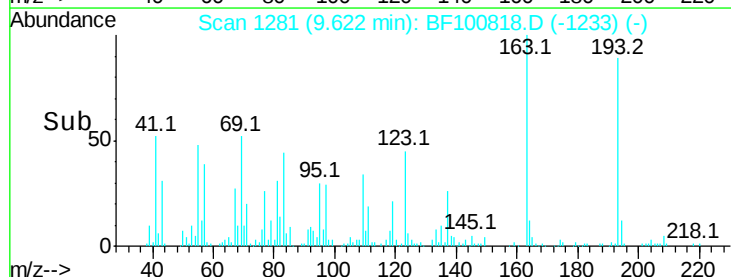
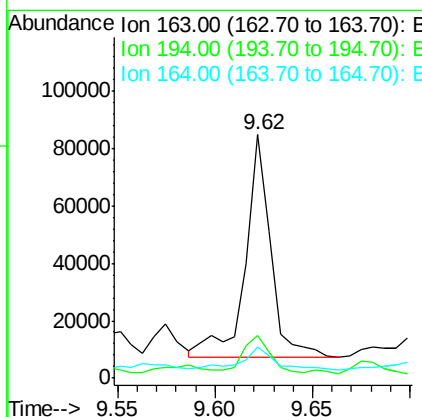
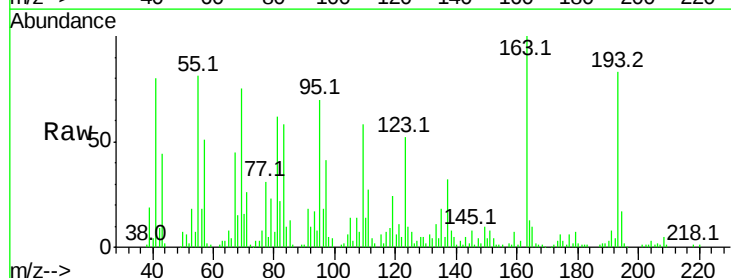
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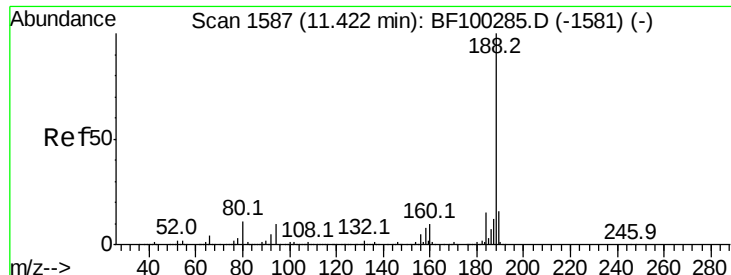
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#49
Dimethylphthalate
Concen: 7.024 ng
RT: 9.62 min Scan# 1281
Delta R.T. -0.02 min
Lab File: BF100818.D
Acq: 22 Nov 2017 11:30

Tgt Ion	Ratio	Lower	Upper
163	100		
194	17.3	2.7	4.1#
164	12.8	8.2	12.2#





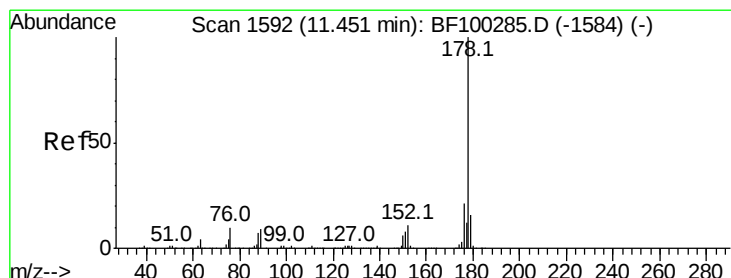
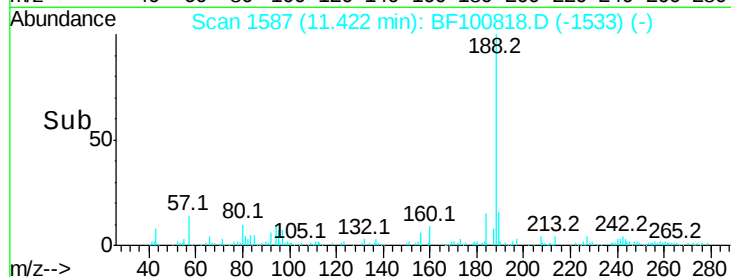
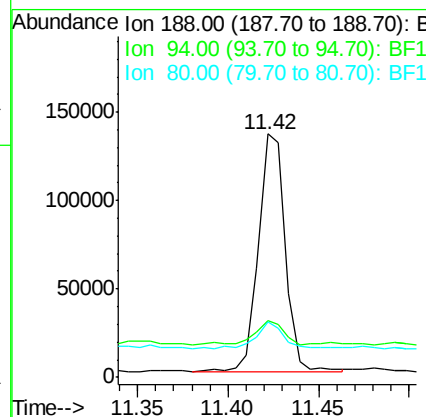
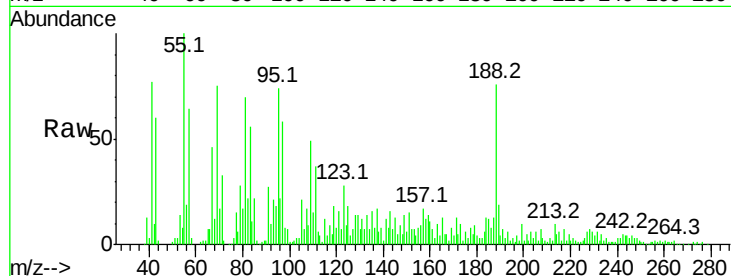
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.42 min Scan# 1587
Delta R.T. 0.02 min
Lab File: BF100818.D
Acq: 22 Nov 2017 11:30

Instrument :
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ClientSampleId :
RT-3407-RT-1867-2077

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	23.3	8.5	12.7#
80	22.6	9.2	13.8#

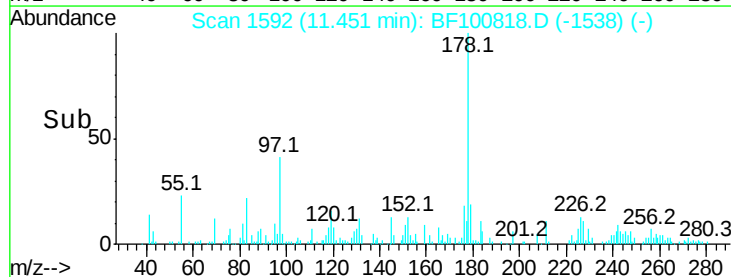
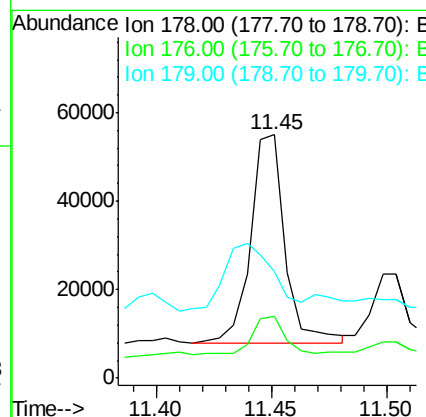
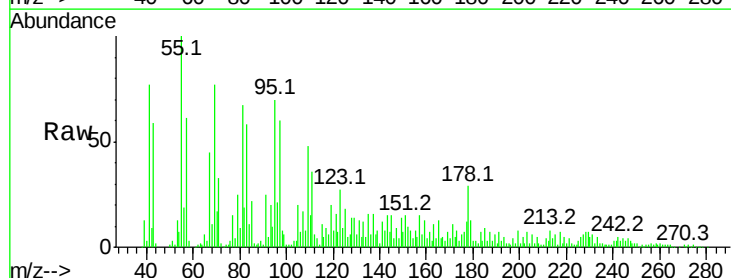
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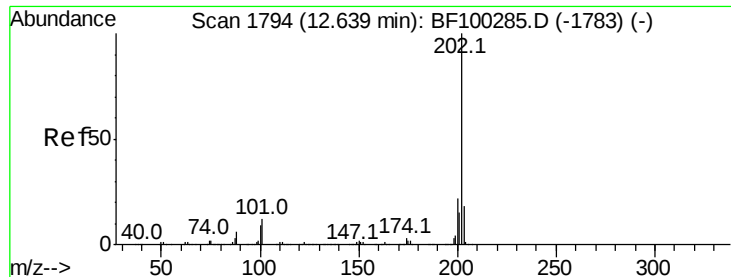
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#70
Phenanthrene
Concen: 6.831 ng
RT: 11.45 min Scan# 1592
Delta R.T. 0.02 min
Lab File: BF100818.D
Acq: 22 Nov 2017 11:30

Tgt Ion	Ratio	Resp Lower	Upper
178	100		
176	25.3	15.8	23.8#
179	43.6	13.0	19.6#





#74

Fluoranthene

Concen: 17.472 ng

RT: 12.64 min Scan# 1794

Delta R.T. 0.02 min

Lab File: BF100818.D

Acq: 22 Nov 2017 11:30

Instrument :

BNA_F

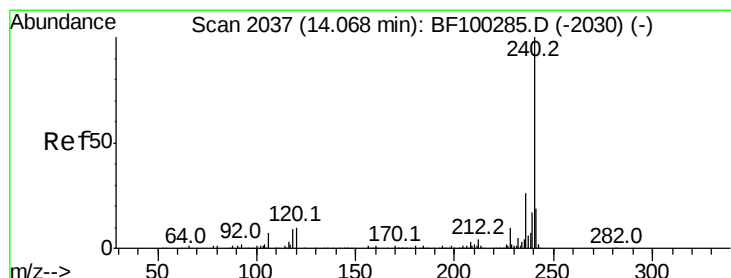
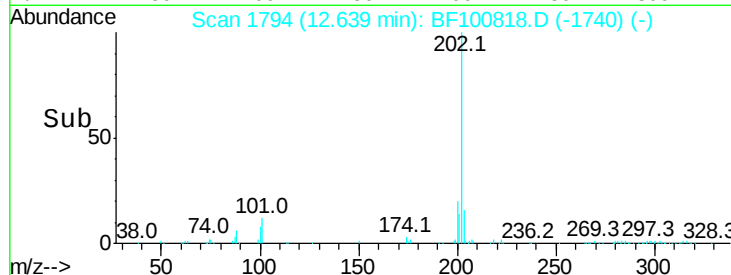
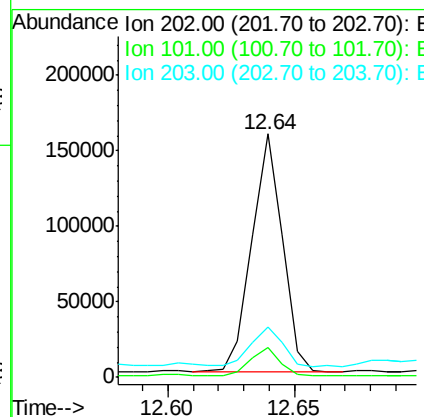
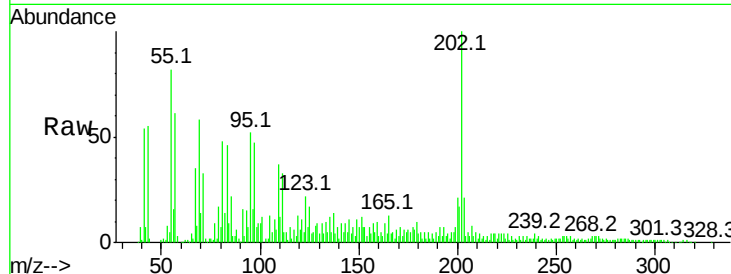
ClientSampleId :

RT-3407-RT-1867-2077

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	12.1	0.0	34.1
203	20.7	0.0	38.1

Manual Integrations
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#75

Chrysene-d12

Concen: 20.000 ng

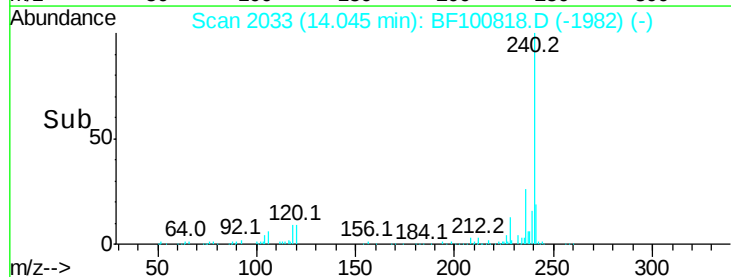
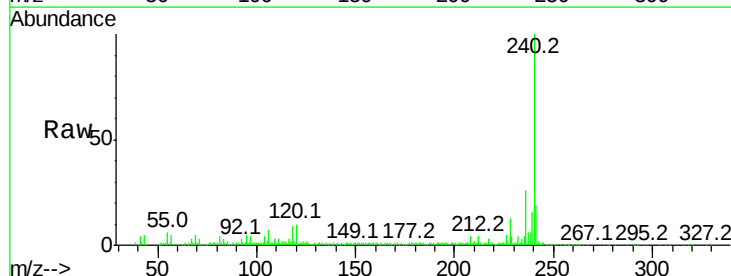
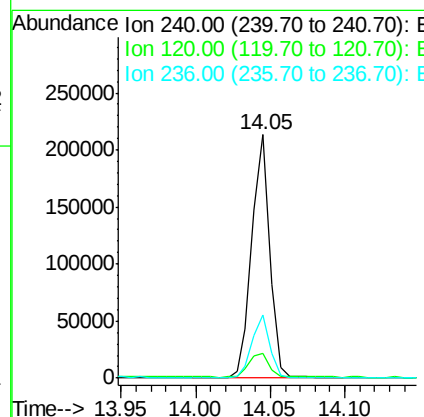
RT: 14.05 min Scan# 2033

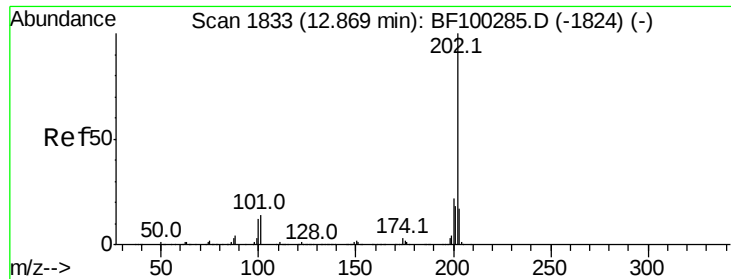
Delta R.T. 0.00 min

Lab File: BF100818.D

Acq: 22 Nov 2017 11:30

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	10.1	9.5	14.3
236	26.0	20.7	31.1





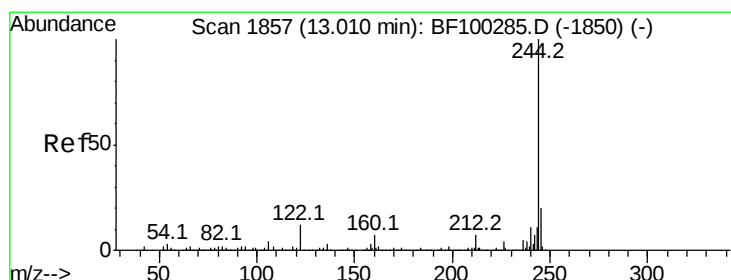
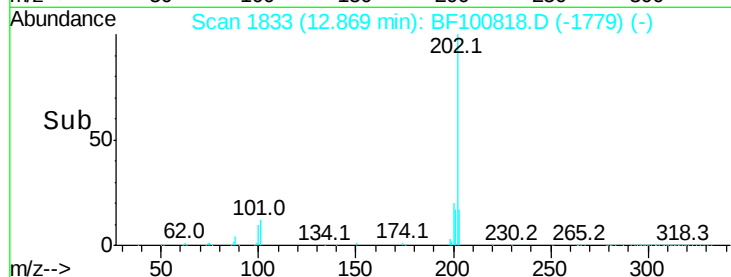
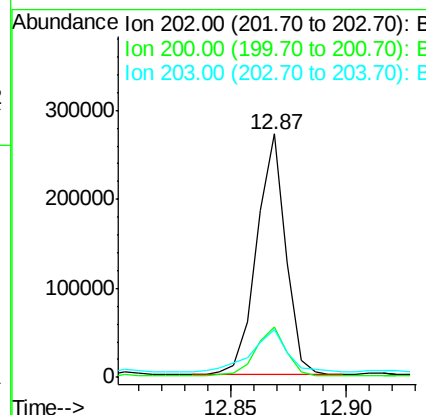
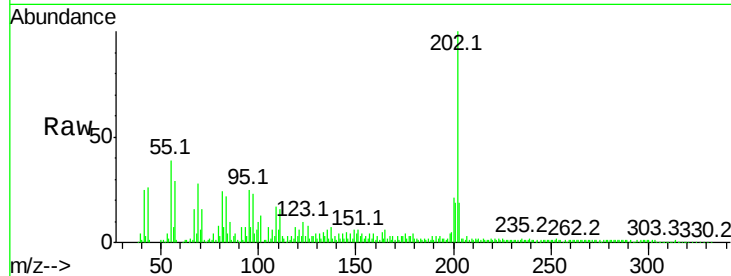
#77
Pvrene
Concen: 18.513 ng
RT: 12.87 min Scan# 1833
Delta R.T. 0.02 min
Lab File: BF100818.D
Acq: 22 Nov 2017 11:30

Instrument :
BNA_F
ClientSampleId :
RT-3407-RT-1867-2077

Tot Ion	Ratio	Resp Lower	Upper
202	100		
200	20.9	17.4	26.2
203	19.4	14.3	21.5

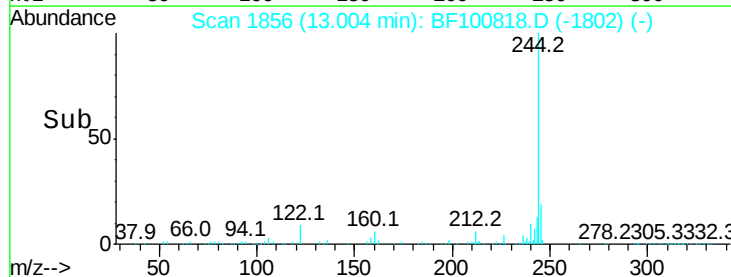
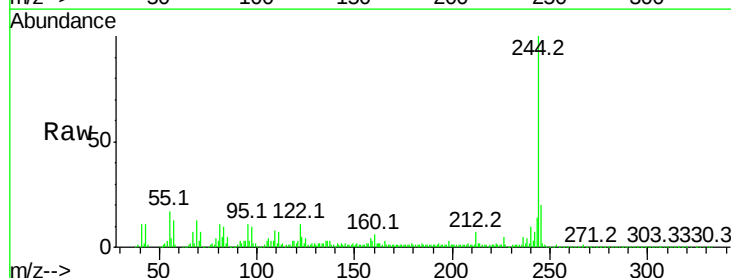
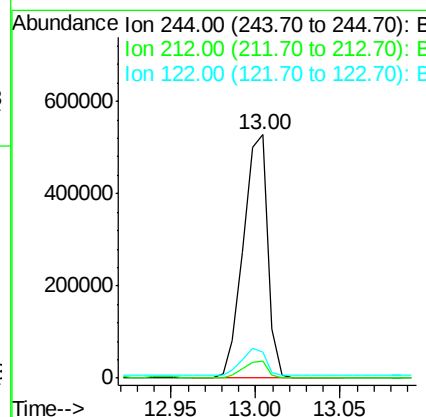
Manual Integrations
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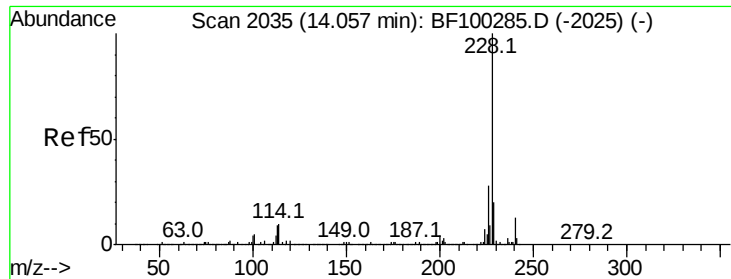
Sohil
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#78
Terphenyl-d14
Concen: 67.804 ng
RT: 13.00 min Scan# 1856
Delta R.T. 0.02 min
Lab File: BF100818.D
Acq: 22 Nov 2017 11:30

Tgt Ion	Ratio	Resp Lower	Upper
244	100		
212	7.0	5.4	8.0
122	10.7	11.0	16.4#





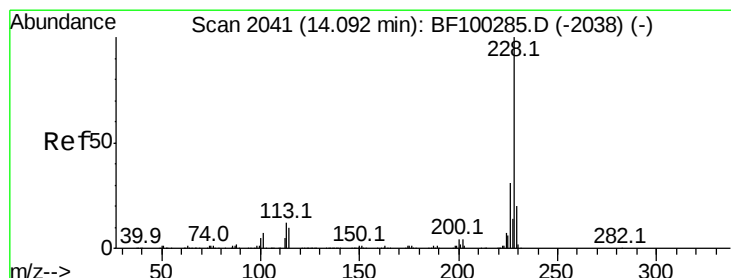
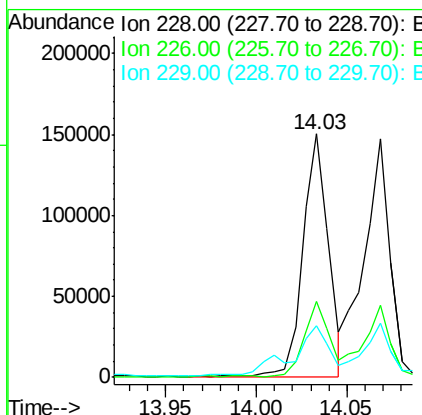
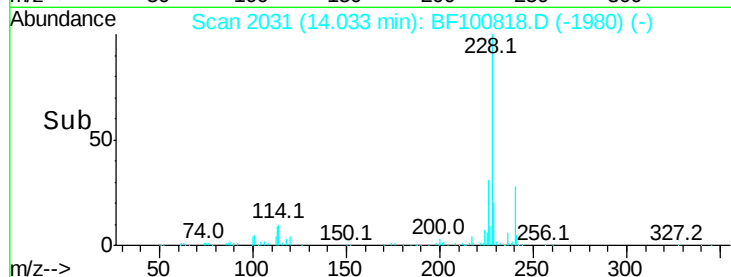
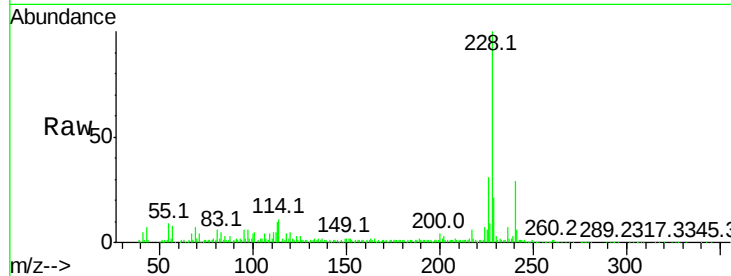
#80
Benzo(a)anthracene
Concen: 13.651 ng
RT: 14.03 min Scan# 2031
Delta R.T. 0.00 min
Lab File: BF100818.D
Acq: 22 Nov 2017 11:30

Instrument :
BNA_F
ClientSampleId :
RT-3407-RT-1867-2077

Tot Ion	Ratio	Lower	Upper
228	100		
226	31.2	22.6	33.8
229	21.1	15.8	23.6

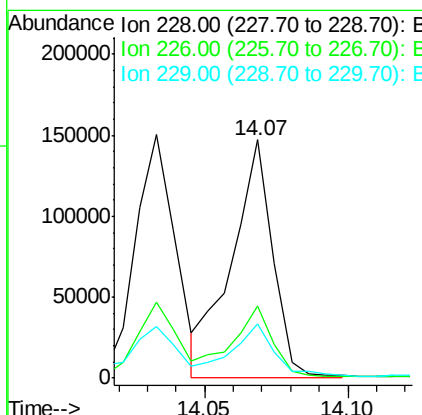
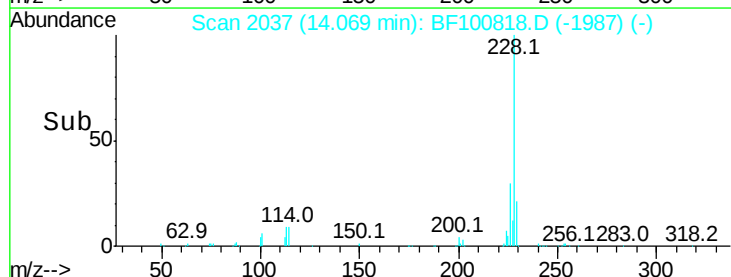
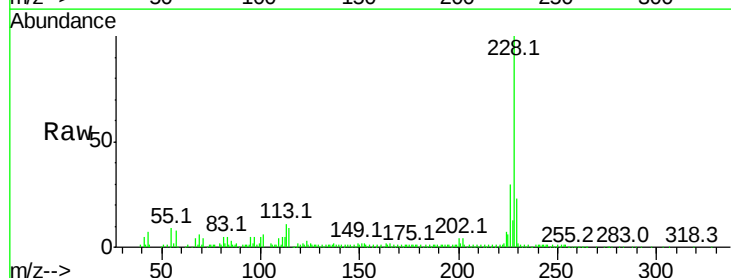
Manual Integrations
APPROVED

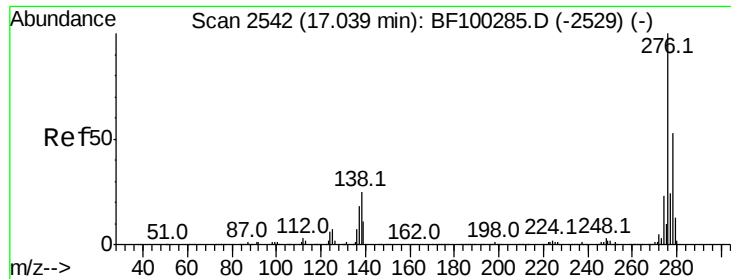
Sohil
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#82
Chrysene
Concen: 14.219 ng m
RT: 14.07 min Scan# 2037
Delta R.T. -0.01 min
Lab File: BF100818.D
Acq: 22 Nov 2017 11:30

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.1	25.0	37.6
229	22.6	16.2	24.4





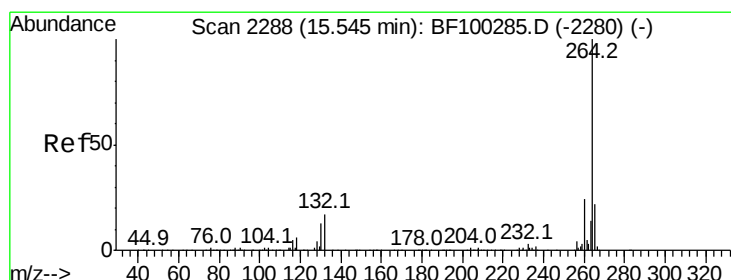
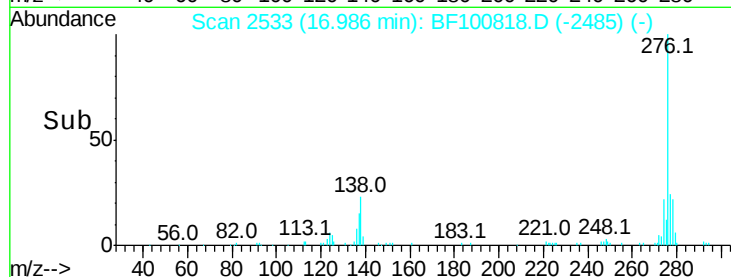
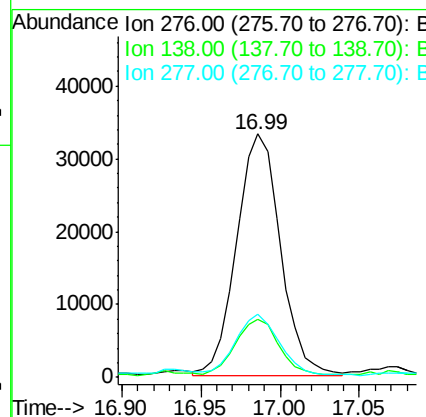
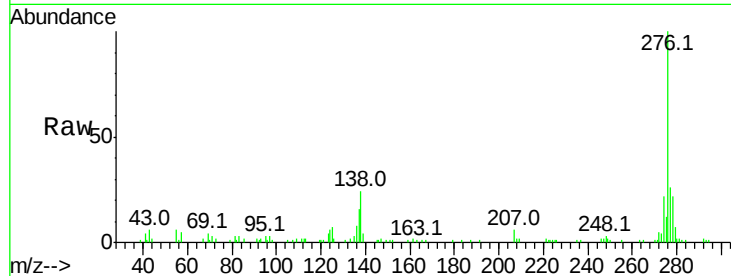
#85
Indeno(1,2,3-cd)pyrene
Concen: 7.549 ng
RT: 16.99 min Scan# 2533
Delta R.T. -0.02 min
Lab File: BF100818.D
Acq: 22 Nov 2017 11:30

Instrument :
BNA_F
ClientSampleId :
RT-3407-RT-1867-2077

Tot Ion	Ratio	Lower	Upper
276	100		
138	23.0	25.0	37.6#
277	26.7	20.1	30.1

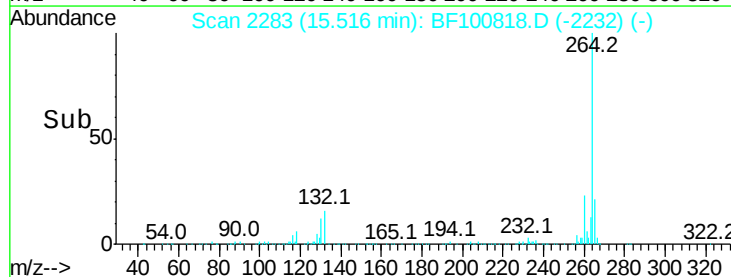
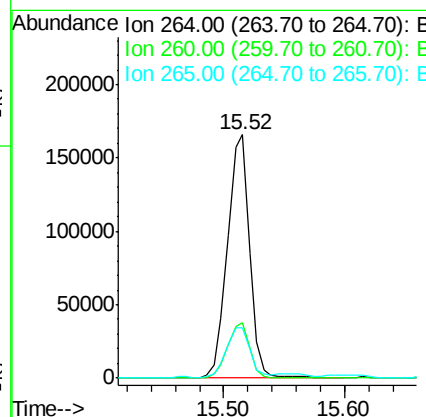
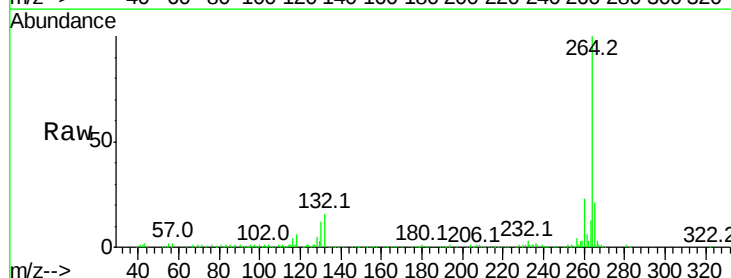
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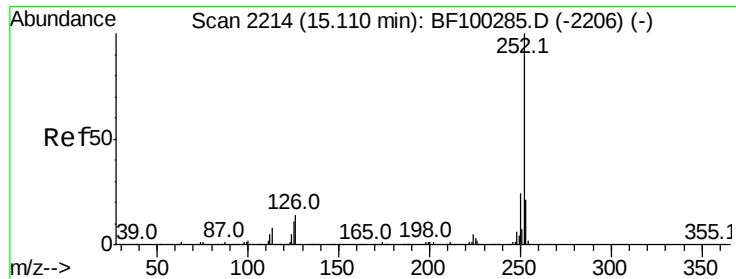
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#86
Perylene-d12
Concen: 20.000 ng
RT: 15.52 min Scan# 2283
Delta R.T. 0.00 min
Lab File: BF100818.D
Acq: 22 Nov 2017 11:30

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.9	19.2	28.8
265	20.9	17.5	26.3





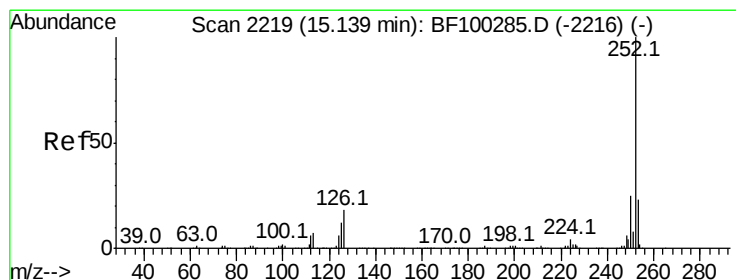
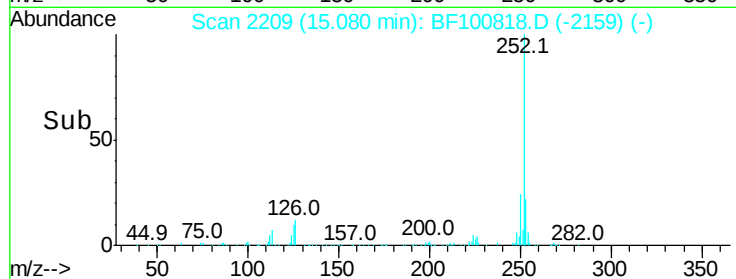
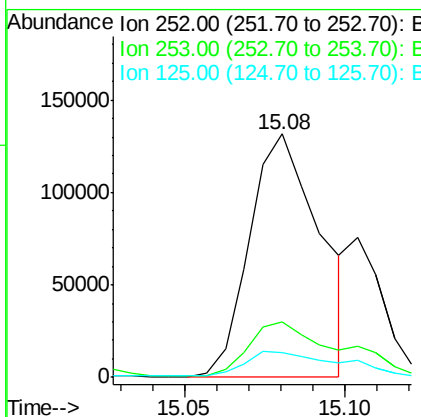
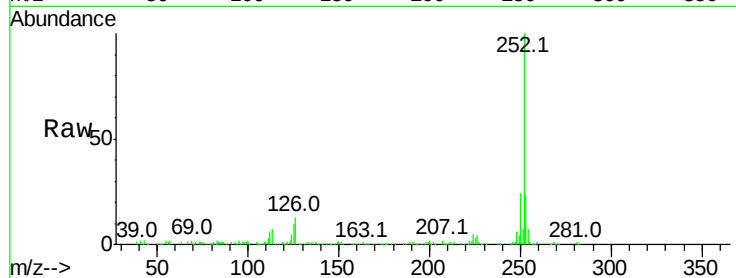
#87
Benzo(b)fluoranthene
Concen: 16.077 ng m
RT: 15.08 min Scan# 2209
Delta R.T. -0.01 min
Lab File: BF100818.D
Acq: 22 Nov 2017 11:30

Instrument :
BNA_F
ClientSampleId :
RT-3407-RT-1867-2077

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.0	25.6
125	10.4	9.0	13.6

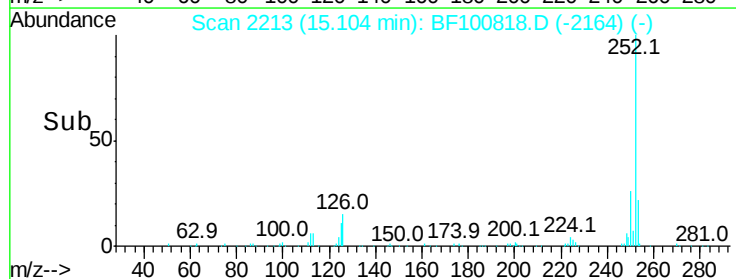
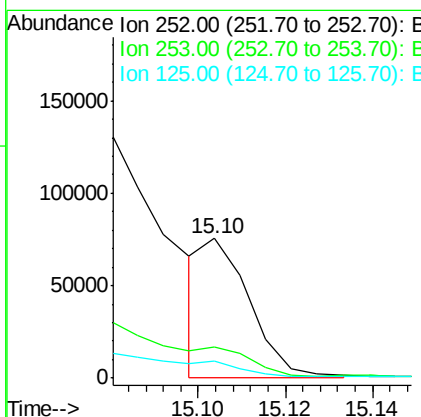
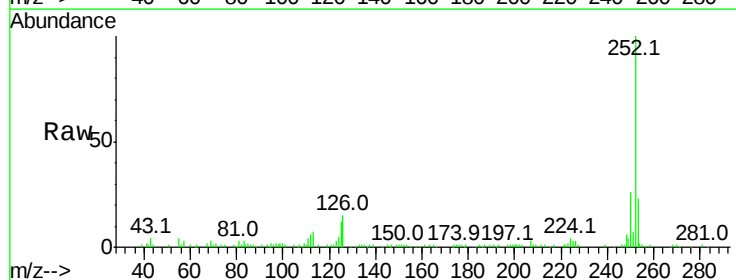
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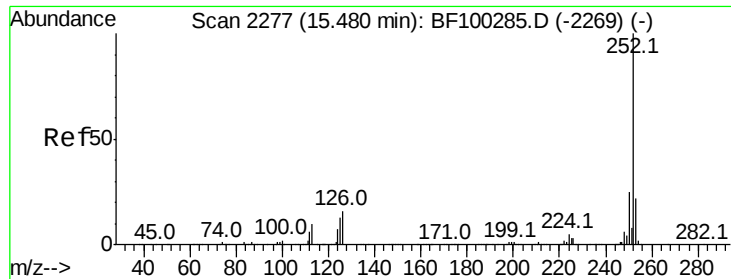
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#88
Benzo(k)fluoranthene
Concen: 4.793 ng m
RT: 15.10 min Scan# 2213
Delta R.T. -0.01 min
Lab File: BF100818.D
Acq: 22 Nov 2017 11:30

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.9	26.9
125	11.8	10.2	15.2





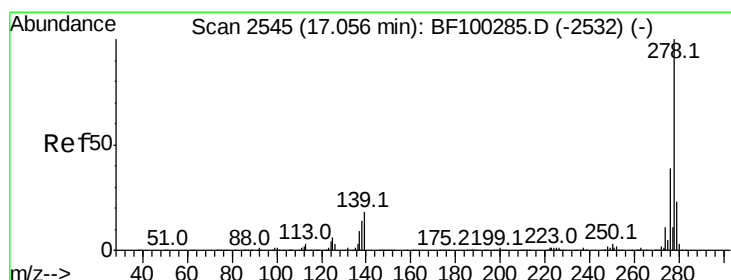
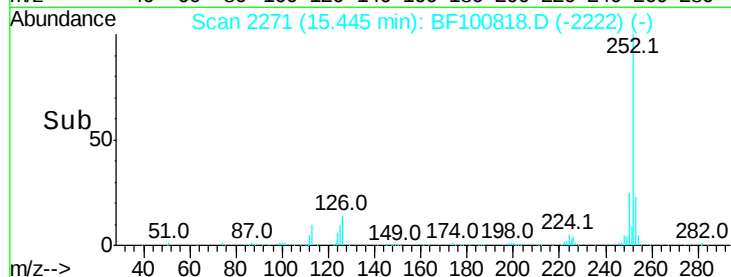
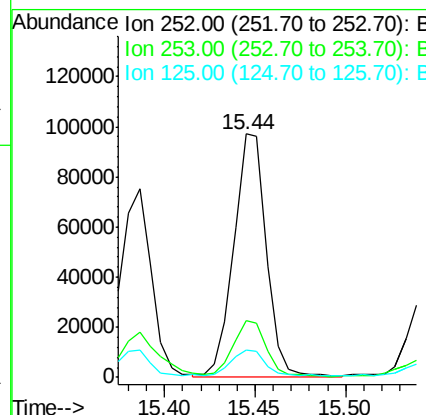
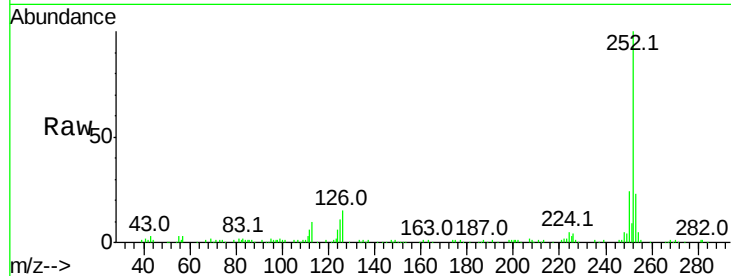
#89
Benzo(a)pyrene
Concen: 10.928 ng
RT: 15.44 min Scan# 2271
Delta R.T. -0.01 min
Lab File: BF100818.D
Acq: 22 Nov 2017 11:30

Instrument :
BNA_F
ClientSampleId :
RT-3407-RT-1867-2077

Tot Ion	Ratio	Resp	Lower	Upper
252	100	121177		
253	23.1	17.1	25.7	
125	11.3	9.8	14.6	

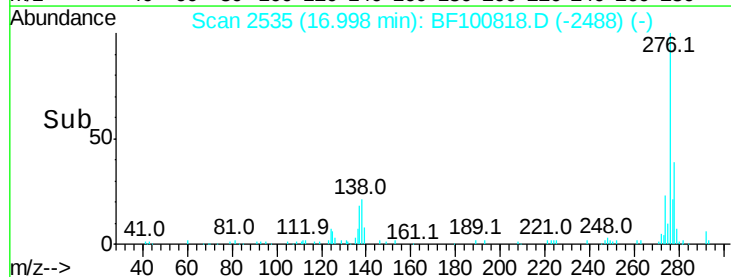
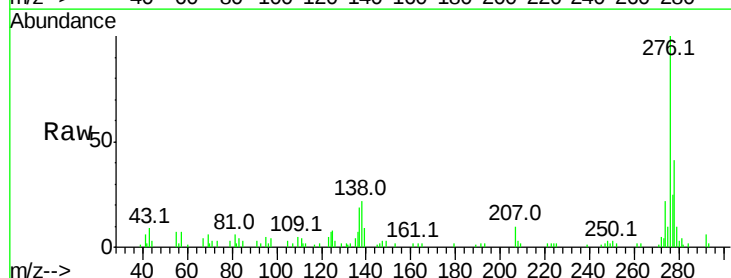
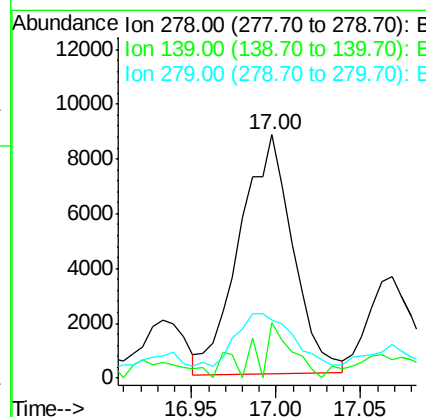
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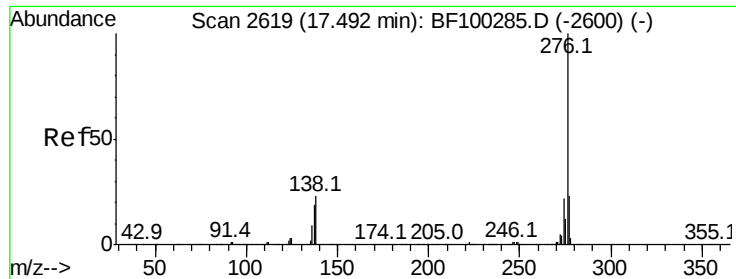
Sohil
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#90
Dibenzo(a,h)anthracene
Concen: 2.121 ng
RT: 17.00 min Scan# 2535
Delta R.T. -0.02 min
Lab File: BF100818.D
Acq: 22 Nov 2017 11:30

Tgt Ion	Ratio	Resp	Lower	Upper
278	100	19231		
139	22.9	15.9	23.9	
279	23.8	19.0	28.4	





#91
 Benzo(a,h,i)perylene
 Concen: 6.430 ng
 RT: 17.43 min Scan# 2609
 Delta R.T. -0.02 min
 Lab File: BF100818.D
 Acq: 22 Nov 2017 11:30

Instrument :
 BNA_F
 ClientSampleId :
 RT-3407-RT-1867-2077

Tot Ion	Ratio	Lower	Upper
276	100		
277	24.5	17.9	26.9
138	23.5	21.8	32.8

Manual Integrations
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