

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112217\
 Data File : BF100824.D
 Acq On : 22 Nov 2017 14:12
 Operator : SJ/JU
 Sample : I6565-01 2X
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RT-3874

Manual Integrations
 APPROVED

Sohil
 11/27/2017 3:19:32 PM

Quant Time: Nov 24 00:39:33 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	77271	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	291008	20.00	ng	-0.01
38) Acenaphthene-d10	9.91	164	118903	20.00	ng	-0.01
63) Phenanthrene-d10	11.40	188	180044	20.00	ng	0.00
75) Chrysene-d12	14.04	240	164532	20.00	ng	0.00
86) Perylene-d12	15.52	264	145427	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	210467	43.66	ng	0.00
7) Phenol-d6	6.50	99	263263	44.29	ng	-0.01
23) Nitrobenzene-d5	7.43	82	157067	35.68	ng	-0.02
41) 2,4,6-Tribromophenol	10.70	330	55690	45.96	ng	-0.01
44) 2-Fluorobiphenyl	9.23	172	325670	41.71	ng	-0.01
78) Terphenyl-d14	12.98	244	221745	30.97	ng	0.00
Target Compounds						
70) Phenanthrene	11.42	178	65328	6.891	ng	98
74) Fluoranthene	12.61	202	181152	18.031	ng	96
77) Pyrene	12.84	202	163701	13.958	ng	96
80) Benzo(a)anthracene	14.03	228	101640	10.258	ng	99
82) Chrysene	14.06	228	91430	9.529	ng	96
83) Bis(2-ethylhexyl)phthalate	14.01	149	513543	81.633	ng	99
85) Indeno(1,2,3-cd)pyrene	17.00	276	36971	4.764	ng	# 88
87) Benzo(b)fluoranthene	15.09	252	104202m	12.094	ng	
88) Benzo(k)fluoranthene	15.11	252	43574m	5.353	ng	
89) Benzo(a)pyrene	15.45	252	72811	9.532	ng	# 92
91) Benzo(g,h,i)perylene	17.45	276	35360	5.783	ng	94

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

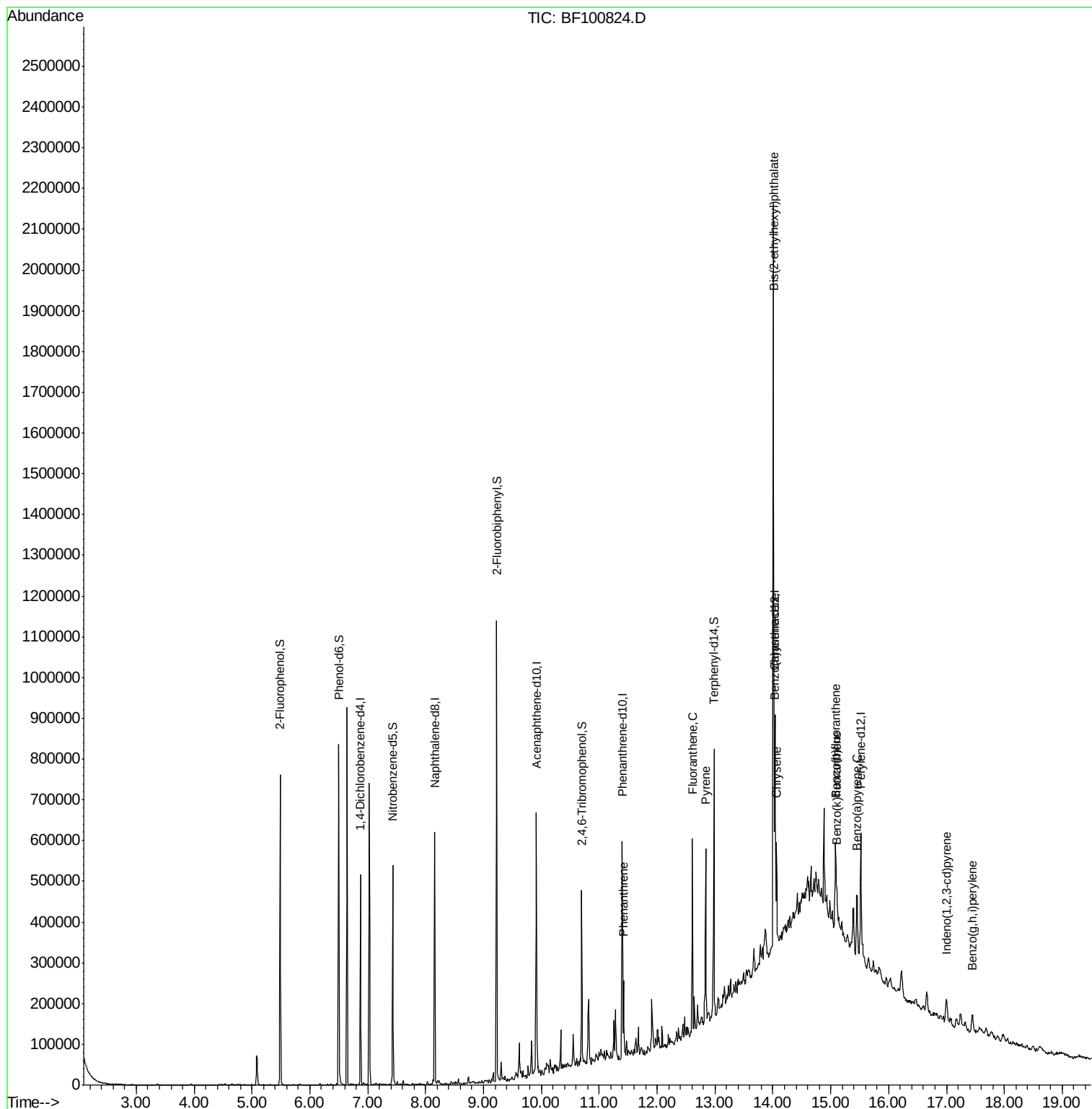
Data Path : Z:\HPCHEM1\BNA F\DATA\BF112217\
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Operator : SJ/JU
Sample : I6565-01 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

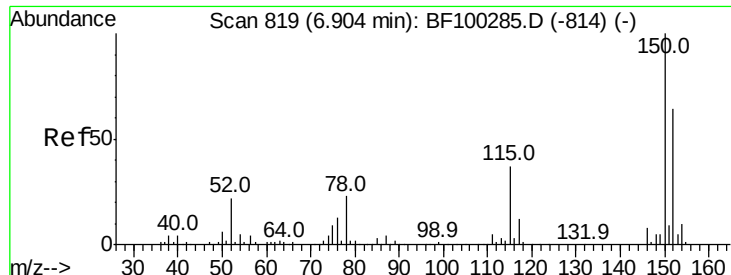
Instrument :
BNA_F
ClientSampleId :
RT-3874

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#1

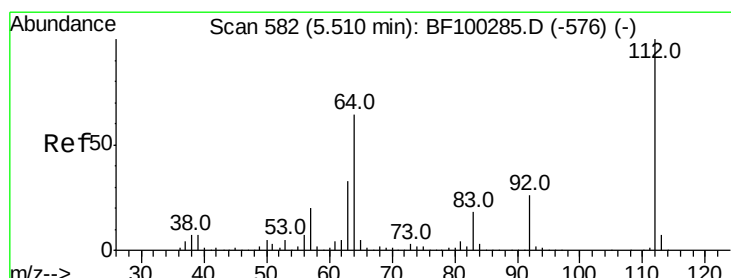
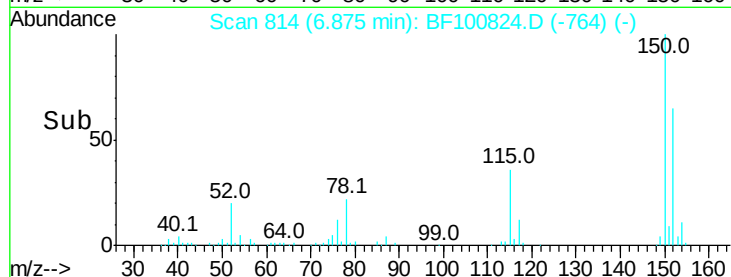
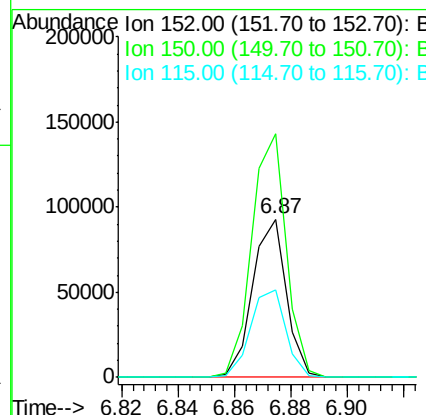
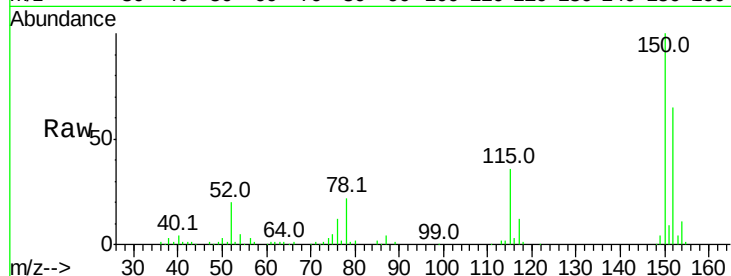
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 814
Delta R.T. -0.01 min
Lab File: BF100824.D
Acq: 22 Nov 2017 14:12

Instrument :
BNA_F
ClientSampled :
RT-3874

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.8	124.6	186.8
115	55.3	50.1	75.1

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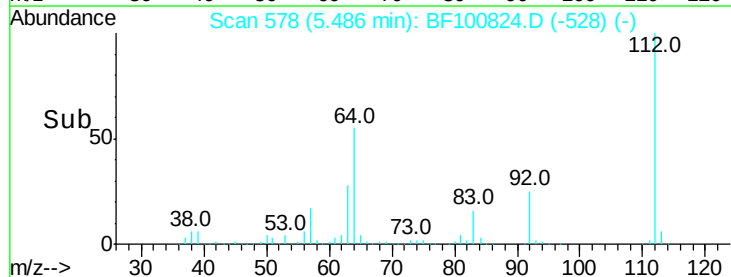
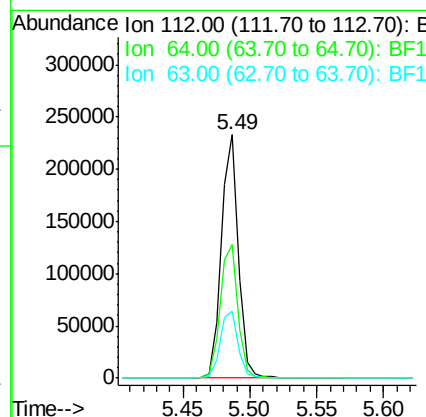
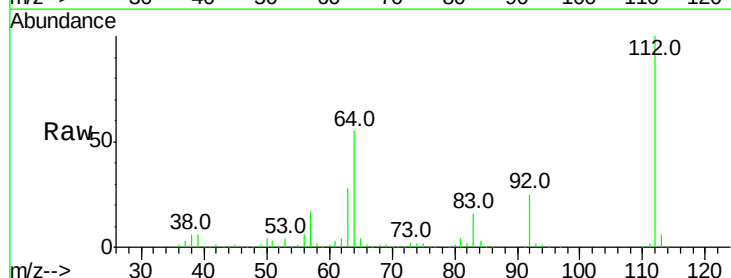
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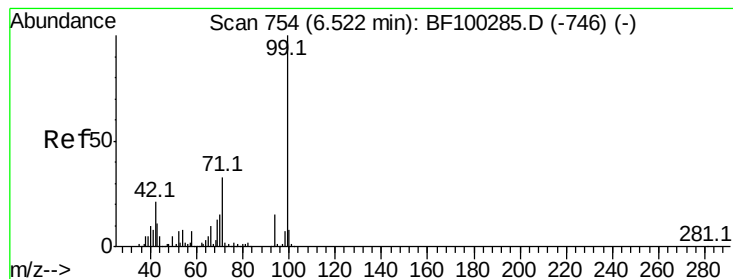


#5

2-Fluorophenol
Concen: 43.661 ng
RT: 5.49 min Scan# 578
Delta R.T. -0.01 min
Lab File: BF100824.D
Acq: 22 Nov 2017 14:12

Tgt Ion	Ratio	Lower	Upper
112	100		
64	54.9	47.9	71.9
63	27.8	23.7	35.5





#7

Phenol-d6

Concen: 44.289 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.01 min

Lab File: BF100824.D

Acq: 22 Nov 2017 14:12

Instrument :

BNA_F

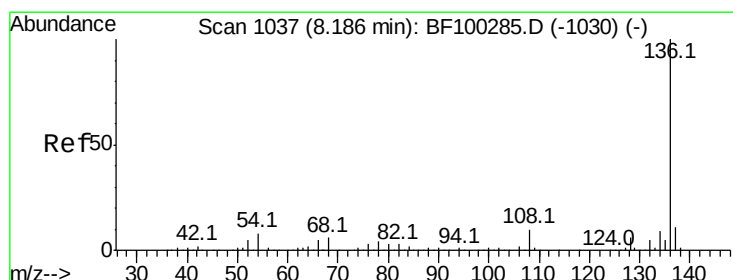
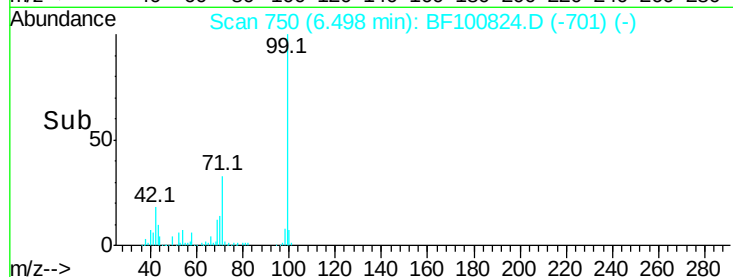
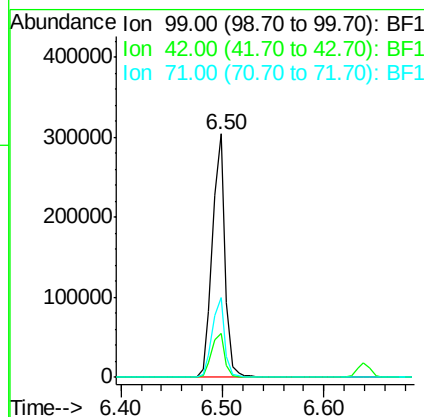
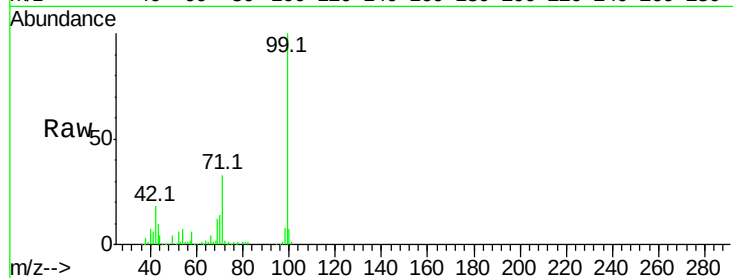
ClientSampleId :

RT-3874

Tot Ion:	99	Resp:	263263
Ion Ratio	Lower	Upper	
99	100		
42	18.1	14.5	21.7
71	32.8	25.4	38.0

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#21

Naphthalene-d8

Concen: 20.000 ng

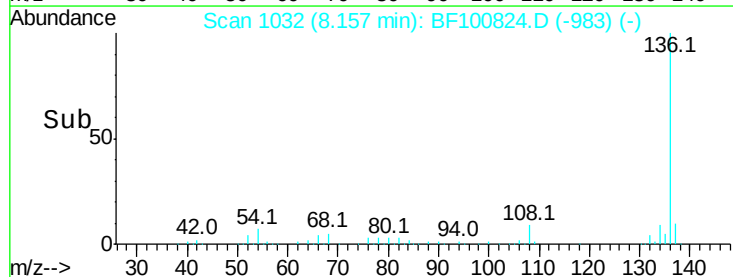
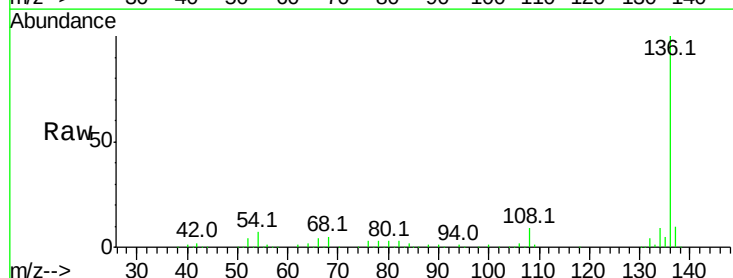
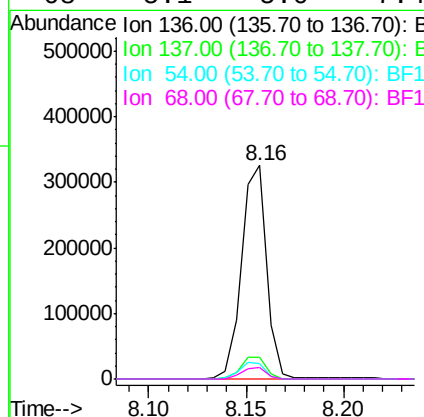
RT: 8.16 min Scan# 1032

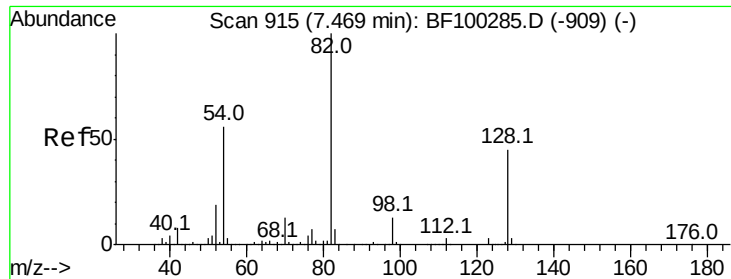
Delta R.T. -0.01 min

Lab File: BF100824.D

Acq: 22 Nov 2017 14:12

Tgt Ion:	136	Resp:	291008
Ion Ratio	Lower	Upper	
136	100		
137	10.3	8.9	13.3
54	7.2	6.6	9.8
68	5.1	5.0	7.4





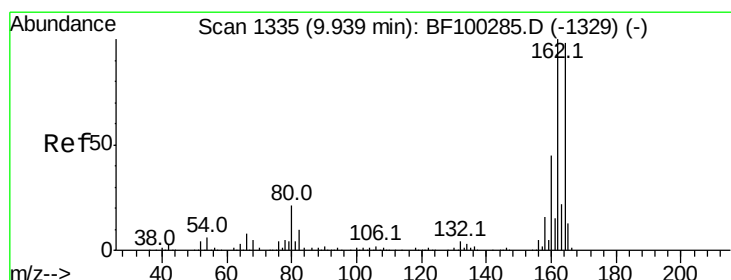
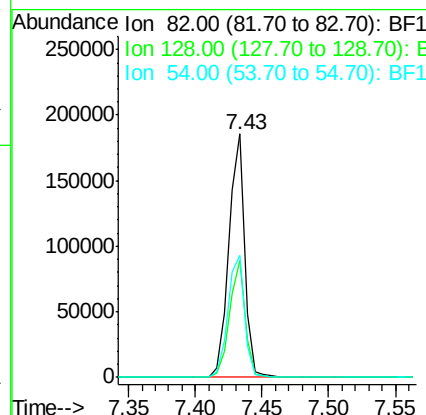
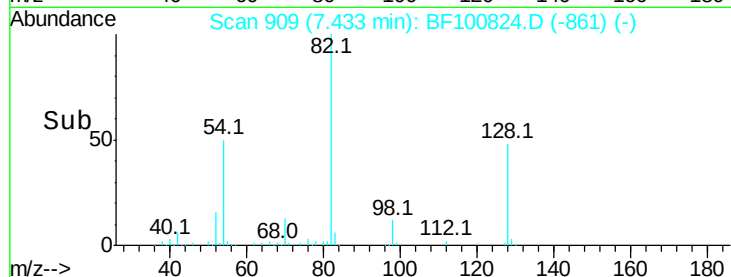
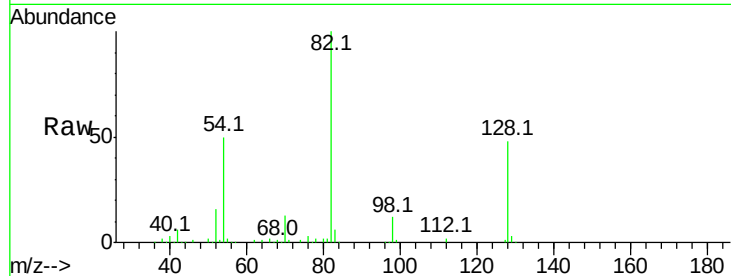
#23
 Nitrobenzene-d5
 Concen: 35.684 ng
 RT: 7.43 min Scan# 909
 Delta R.T. -0.02 min
 Lab File: BF100824.D
 Acq: 22 Nov 2017 14:12

Instrument :
 BNA_F
 ClientSampled :
 RT-3874

Tot Ion	82	Resp	157067
Ion Ratio	Lower	Upper	
82	100		
128	48.1	36.1	54.1
54	50.3	41.4	62.2

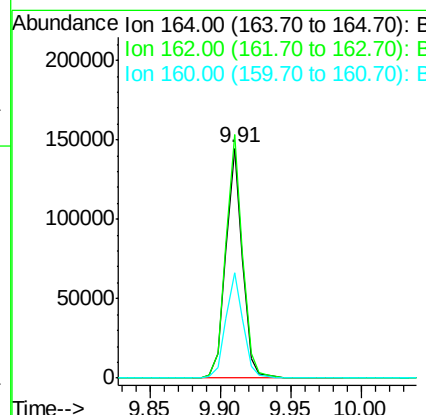
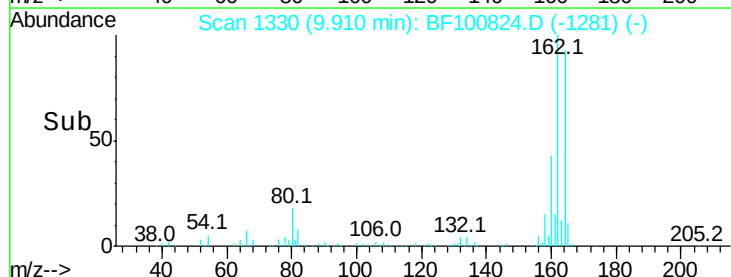
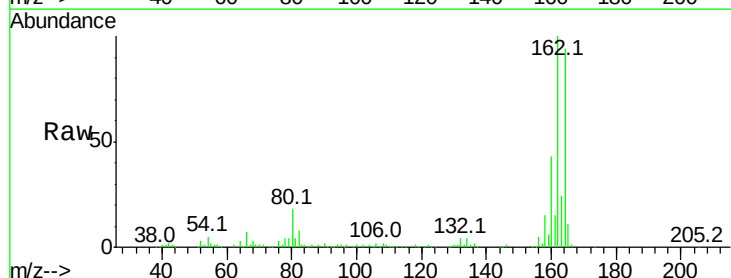
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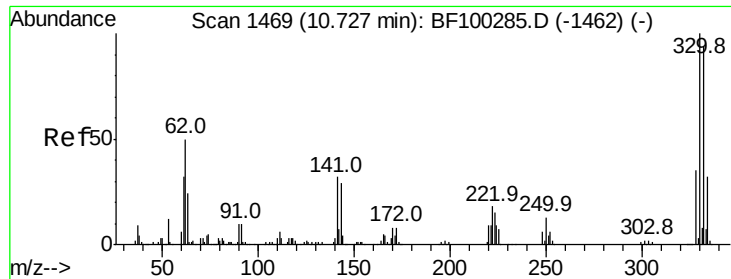
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#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.91 min Scan# 1330
 Delta R.T. -0.01 min
 Lab File: BF100824.D
 Acq: 22 Nov 2017 14:12

Tgt Ion	164	Resp	118903
Ion Ratio	Lower	Upper	
164	100		
162	105.8	86.1	129.1
160	45.7	38.3	57.5





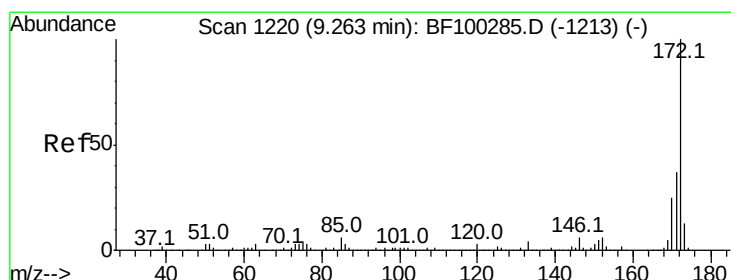
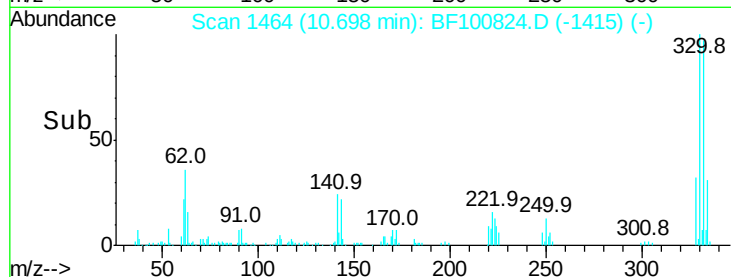
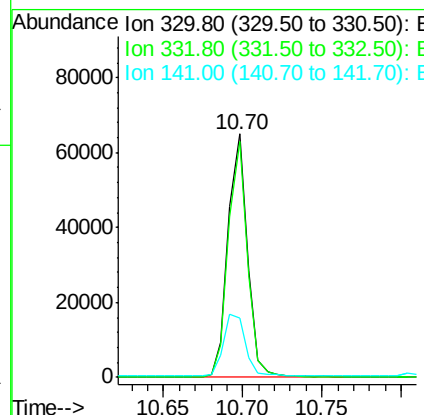
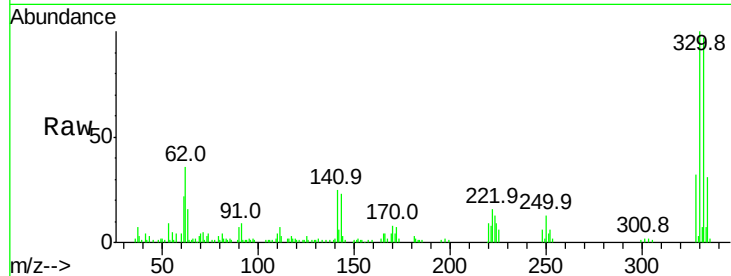
#41
 2,4,6-Tribromophenol
 Concen: 45.963 ng
 RT: 10.70 min Scan# 1464
 Delta R.T. -0.01 min
 Lab File: BF100824.D
 Acq: 22 Nov 2017 14:12

Instrument :
 BNA_F
 ClientSampled :
 RT-3874

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.0	77.0	115.6
141	29.0	29.9	44.9#

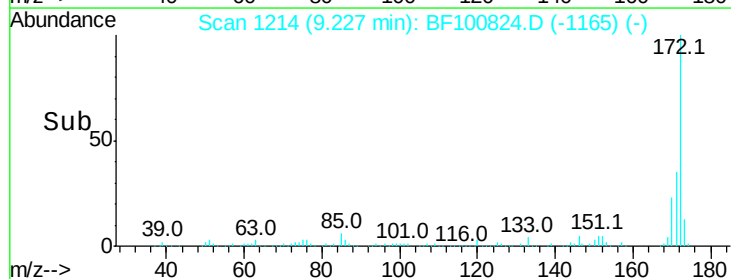
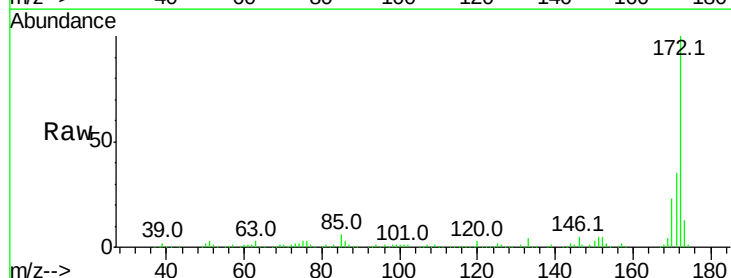
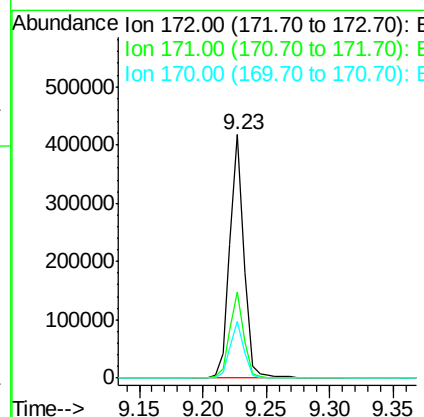
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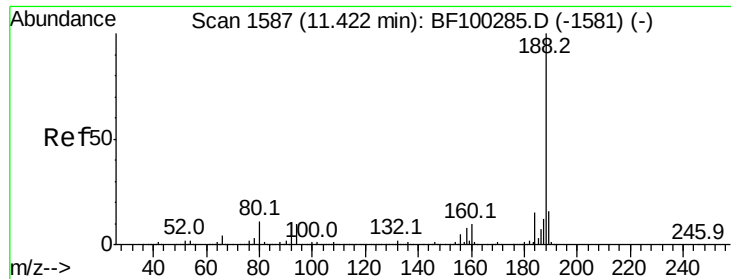
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#44
 2-Fluorobiphenyl
 Concen: 41.706 ng
 RT: 9.23 min Scan# 1214
 Delta R.T. -0.01 min
 Lab File: BF100824.D
 Acq: 22 Nov 2017 14:12

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.3	29.7	44.5
170	23.4	19.6	29.4





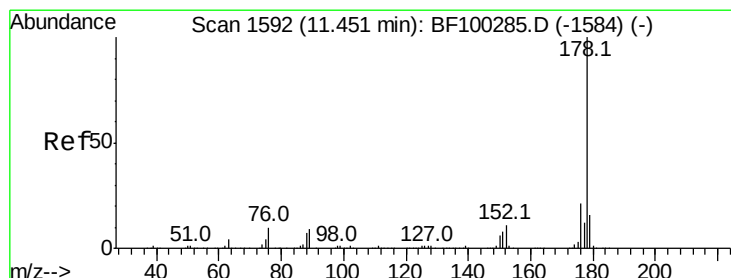
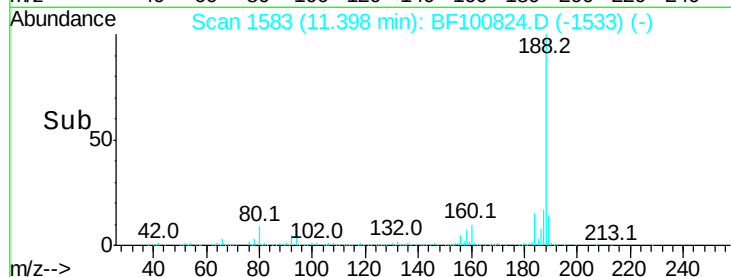
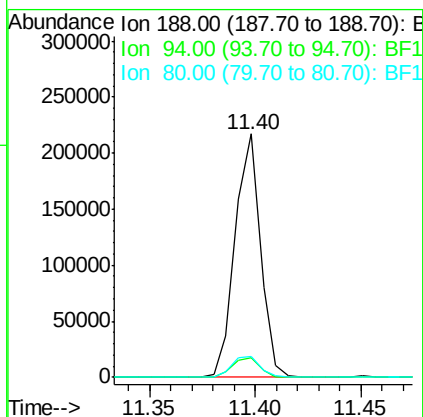
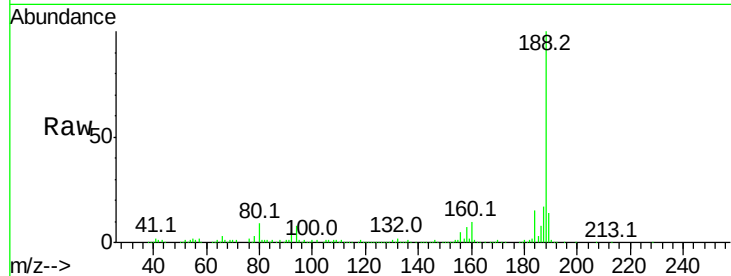
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1583
Delta R.T. -0.01 min
Lab File: BF100824.D
Acq: 22 Nov 2017 14:12

Instrument :
BNA_F
ClientSampled :
RT-3874

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	8.2	8.5	12.7#
80	8.5	9.2	13.8#

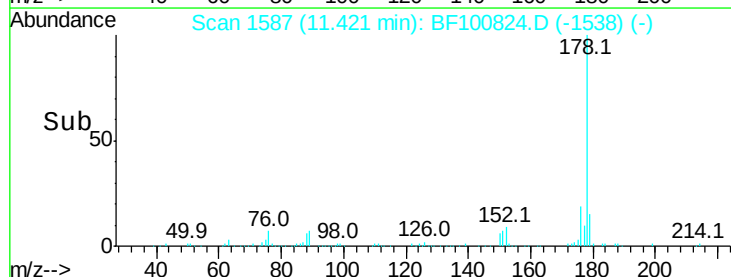
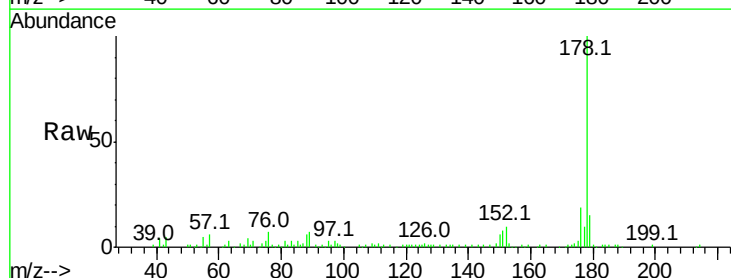
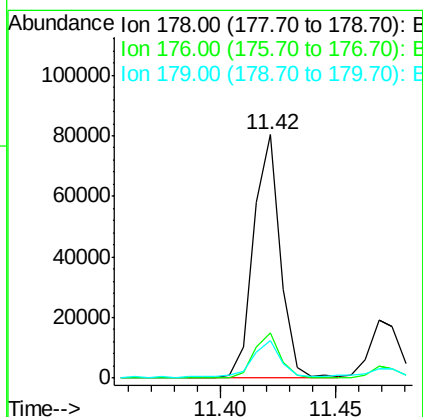
Manual Integrations
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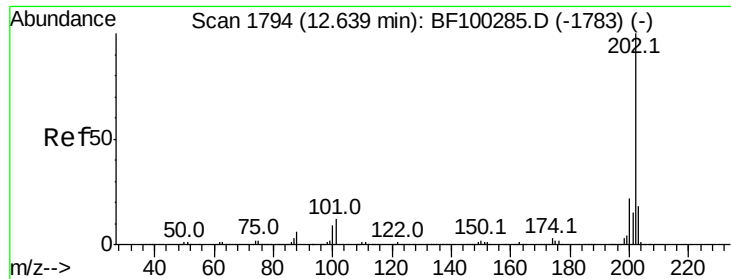
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#70
Phenanthrene
Concen: 6.891 ng
RT: 11.42 min Scan# 1587
Delta R.T. -0.01 min
Lab File: BF100824.D
Acq: 22 Nov 2017 14:12

Tgt Ion	Ratio	Resp Lower	Upper
178	100		
176	18.6	15.8	23.8
179	15.4	13.0	19.6





#74

Fluoranthene

Concen: 18.031 ng

RT: 12.61 min Scan# 1789

Delta R.T. -0.01 min

Lab File: BF100824.D

Acq: 22 Nov 2017 14:12

Instrument :

BNA_F

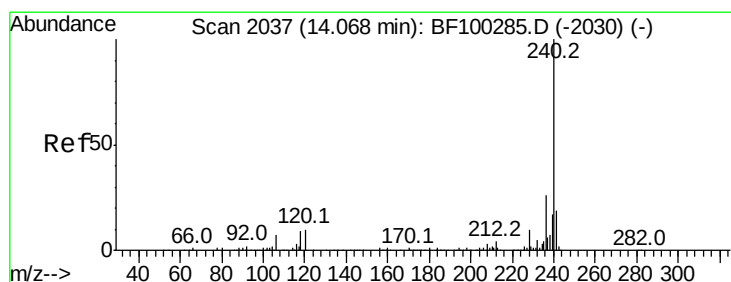
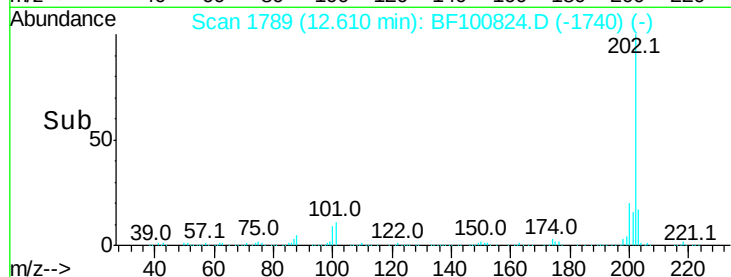
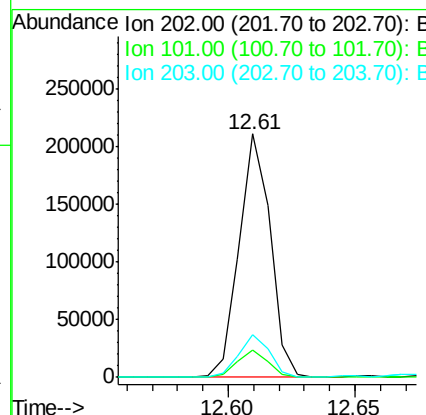
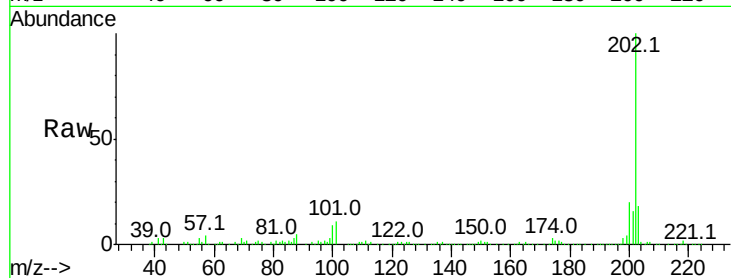
ClientSampled :

RT-3874

Tot Ion	Ratio	Resp	Lower	Upper
202	100	181152		
101	11.0	0.0	34.1	
203	17.7	0.0	38.1	

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#75

Chrysene-d12

Concen: 20.000 ng

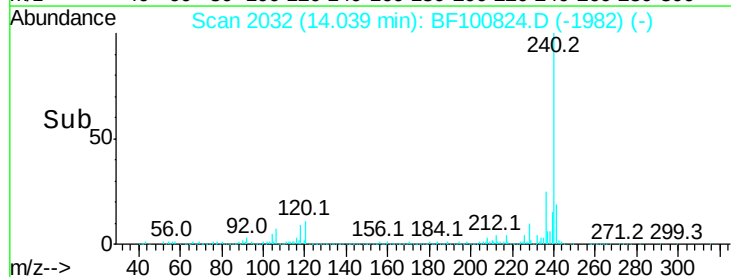
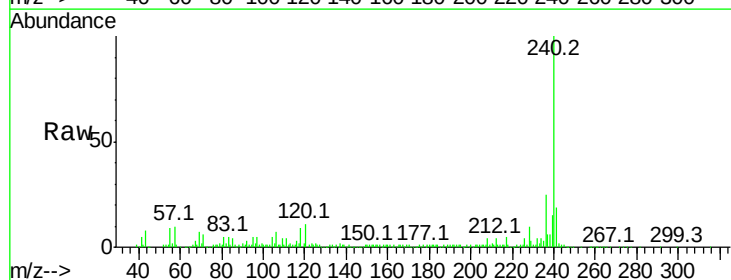
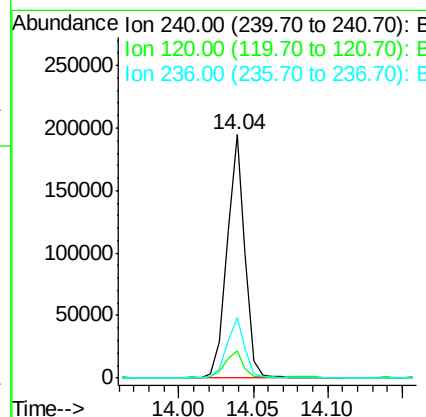
RT: 14.04 min Scan# 2032

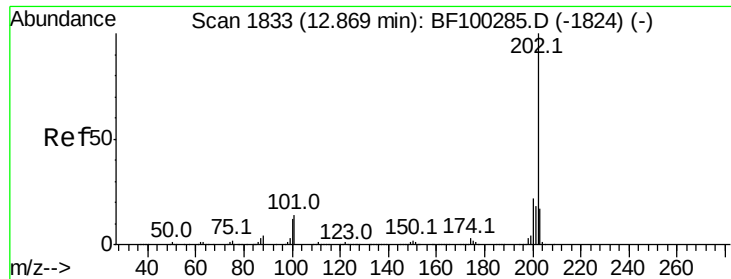
Delta R.T. -0.01 min

Lab File: BF100824.D

Acq: 22 Nov 2017 14:12

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	164532		
120	11.4	9.5	14.3	
236	25.0	20.7	31.1	





#77

Pvrene

Concen: 13.958 ng

RT: 12.84 min Scan# 1828

Delta R.T. -0.01 min

Lab File: BF100824.D

Acq: 22 Nov 2017 14:12

Instrument :

BNA_F

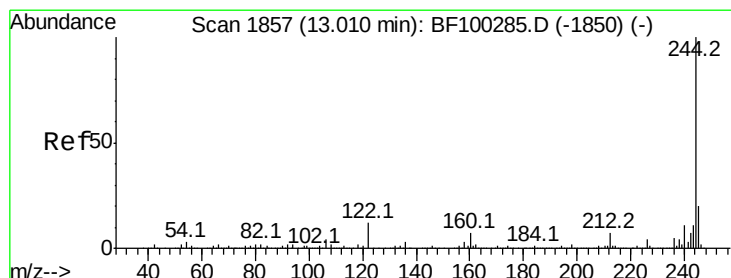
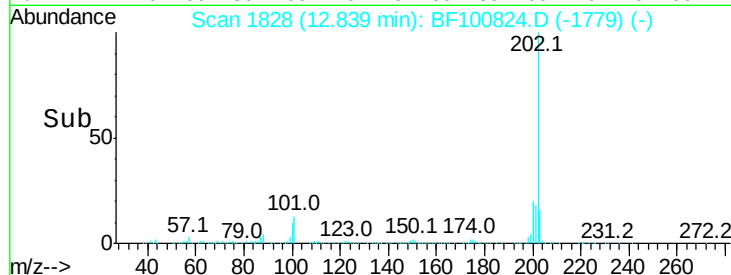
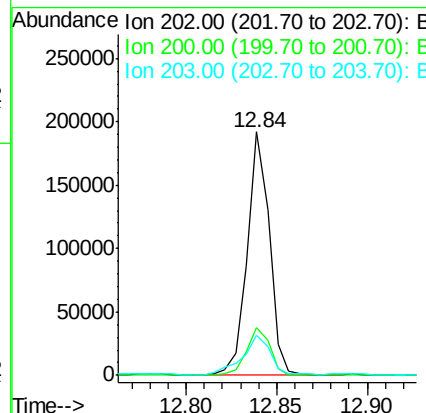
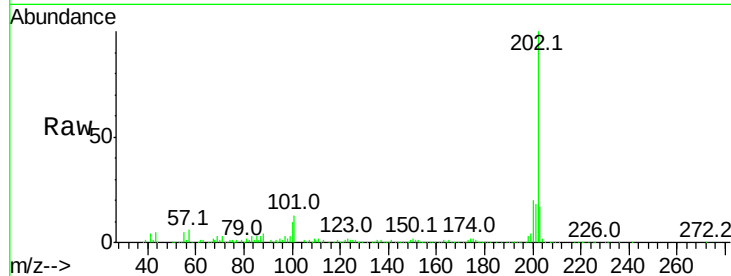
ClientSampled :

RT-3874

Tot Ion:	202	Resp:	163701
Ion Ratio	Lower	Upper	
202	100		
200	19.8	17.4	26.2
203	16.6	14.3	21.5

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#78

Terphenyl-d14

Concen: 30.967 ng

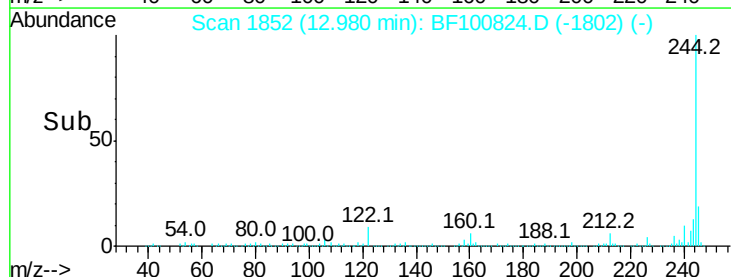
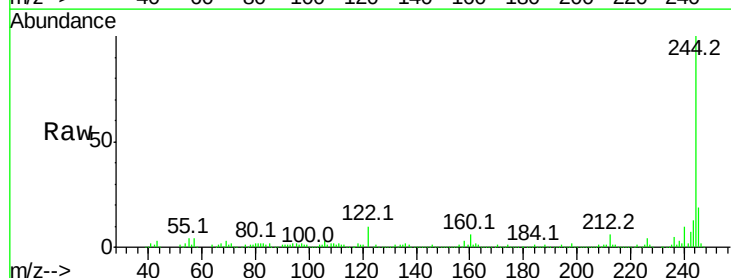
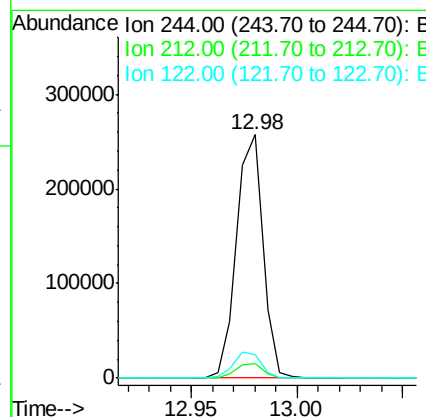
RT: 12.98 min Scan# 1852

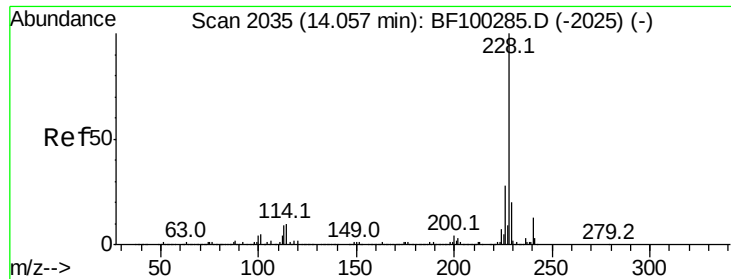
Delta R.T. -0.01 min

Lab File: BF100824.D

Acq: 22 Nov 2017 14:12

Tgt Ion:	244	Resp:	221745
Ion Ratio	Lower	Upper	
244	100		
212	6.2	5.4	8.0
122	9.6	11.0	16.4#





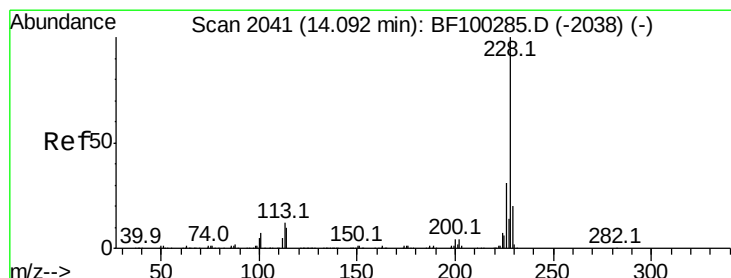
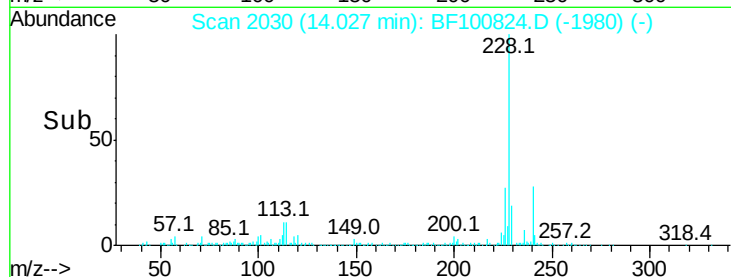
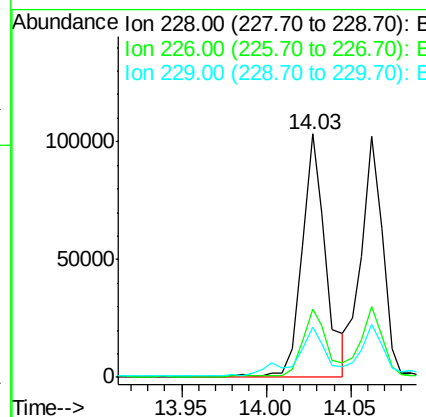
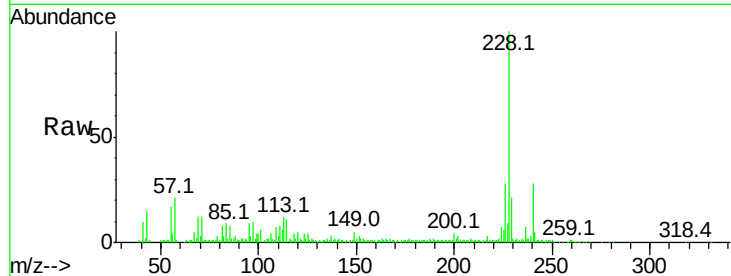
#80
Benzo(a)anthracene
Concen: 10.258 ng
RT: 14.03 min Scan# 2030
Delta R.T. -0.01 min
Lab File: BF100824.D
Acq: 22 Nov 2017 14:12

Instrument :
BNA_F
ClientSampled :
RT-3874

Tot Ion	Ratio	Lower	Upper
228	100		
226	28.1	22.6	33.8
229	20.5	15.8	23.6

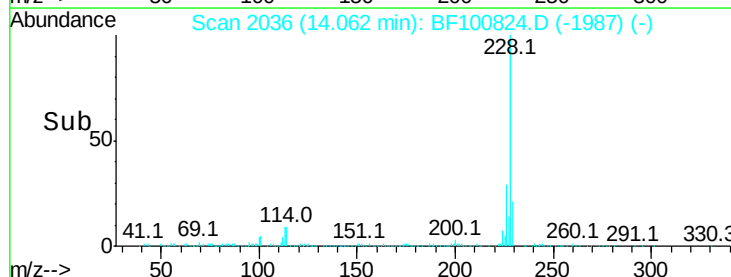
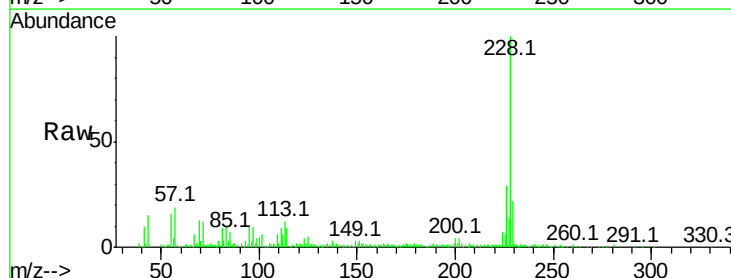
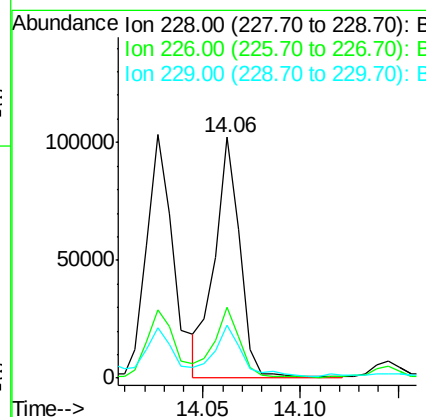
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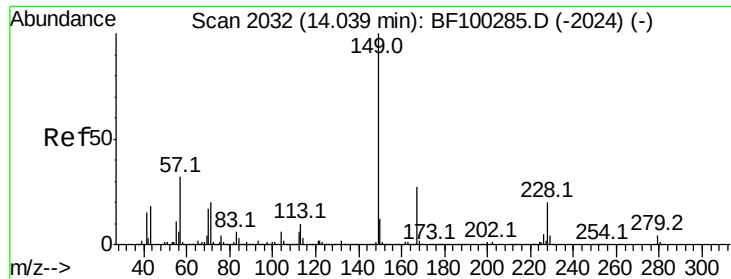
Sohil
11/27/2017 3:19:32 PM



#82
Chrysene
Concen: 9.529 ng
RT: 14.06 min Scan# 2036
Delta R.T. -0.01 min
Lab File: BF100824.D
Acq: 22 Nov 2017 14:12

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.3	25.0	37.6
229	21.9	16.2	24.4





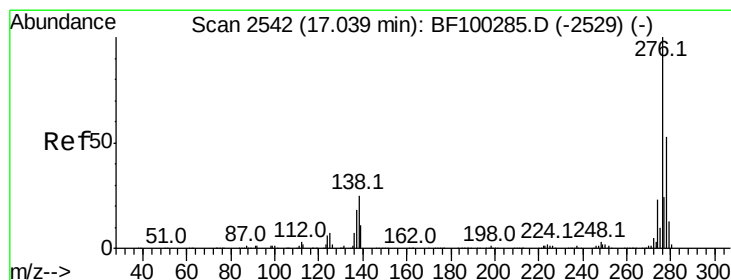
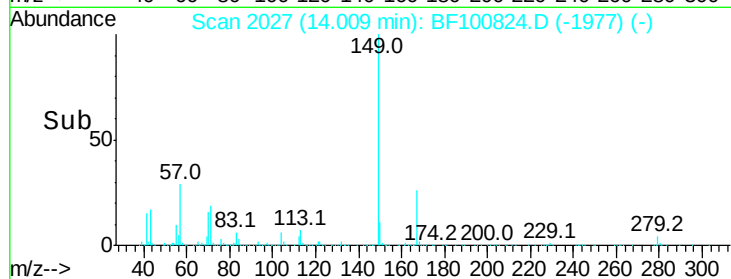
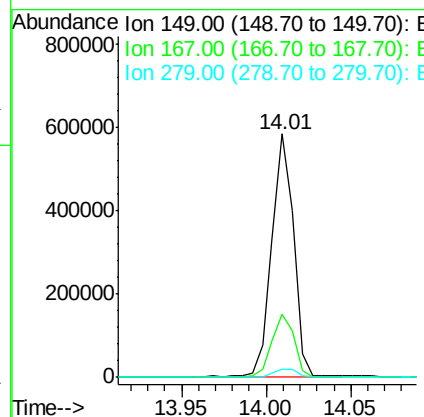
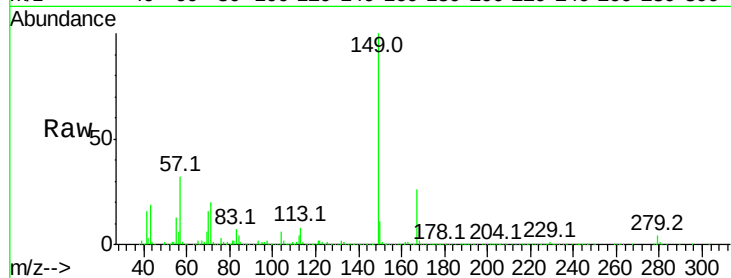
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 81.633 ng
 RT: 14.01 min Scan# 2027
 Delta R.T. -0.01 min
 Lab File: BF100824.D
 Acq: 22 Nov 2017 14:12

Instrument :
 BNA_F
 ClientSampleId :
 RT-3874

Tot Ion	Ratio	Lower	Upper
149	100		
167	25.8	21.3	31.9
279	3.6	3.0	4.4

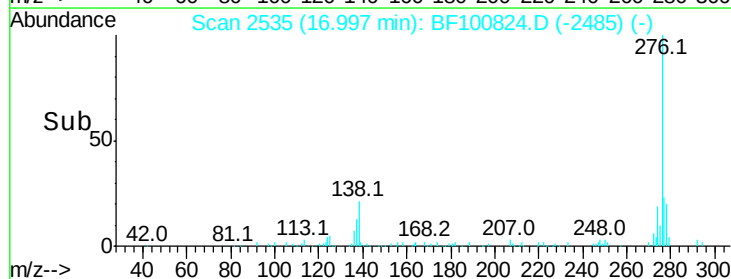
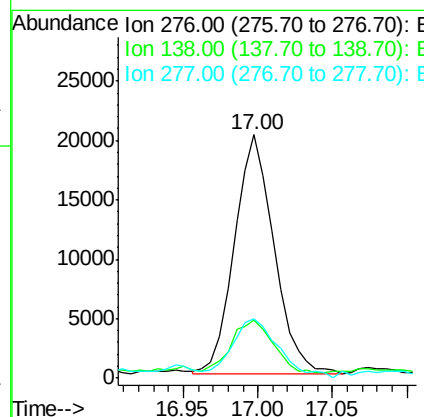
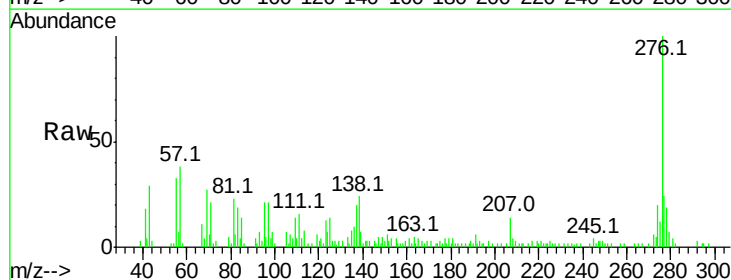
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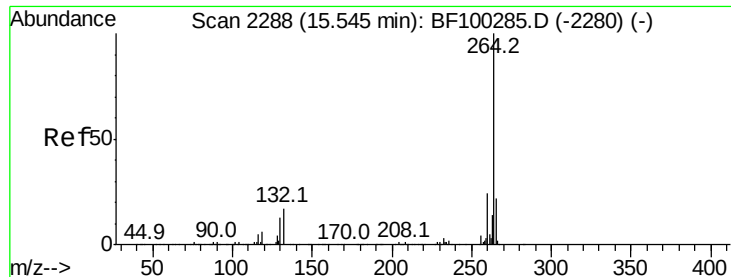
Sohil
 11/27/2017 3:19:32 PM



#85
 Indeno(1,2,3-cd)pyrene
 Concen: 4.764 ng
 RT: 17.00 min Scan# 2535
 Delta R.T. -0.01 min
 Lab File: BF100824.D
 Acq: 22 Nov 2017 14:12

Tgt Ion	Ratio	Lower	Upper
276	100		
138	23.2	25.0	37.6#
277	29.6	20.1	30.1





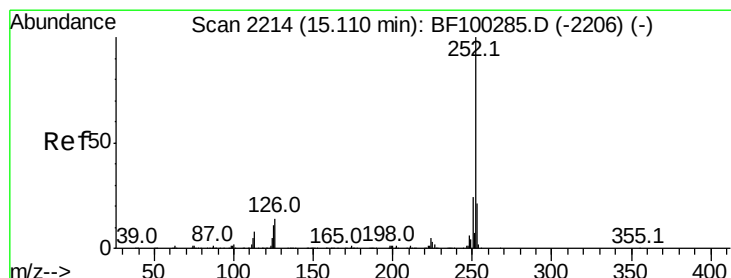
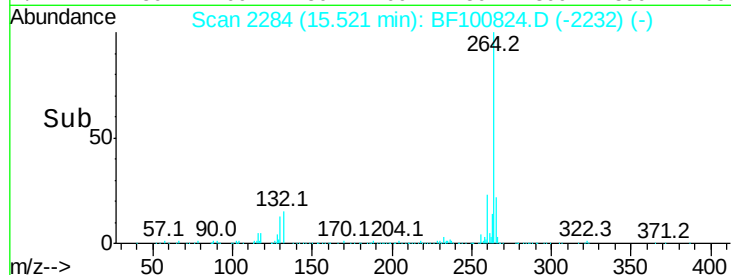
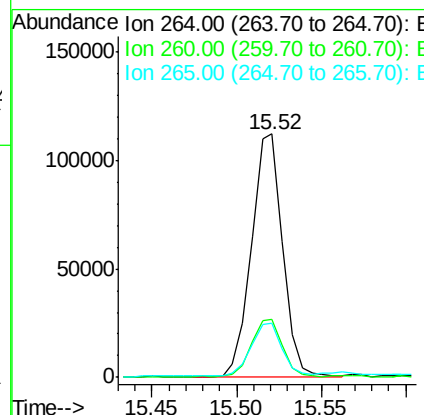
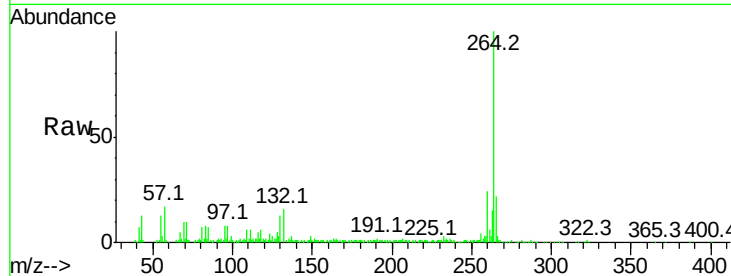
#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.52 min Scan# 2284
Delta R.T. 0.01 min
Lab File: BF100824.D
Acq: 22 Nov 2017 14:12

Instrument :
BNA_F
ClientSampled :
RT-3874

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.2	28.8
265	22.4	17.5	26.3

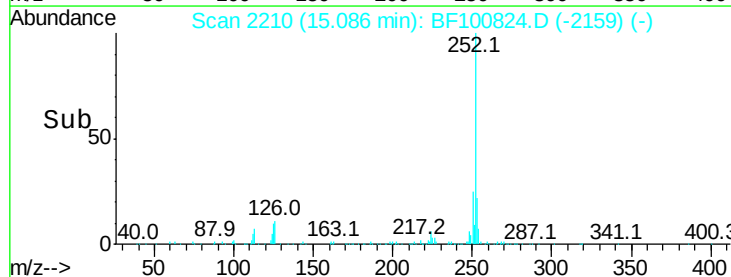
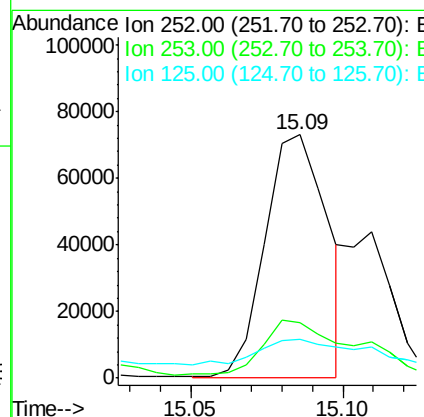
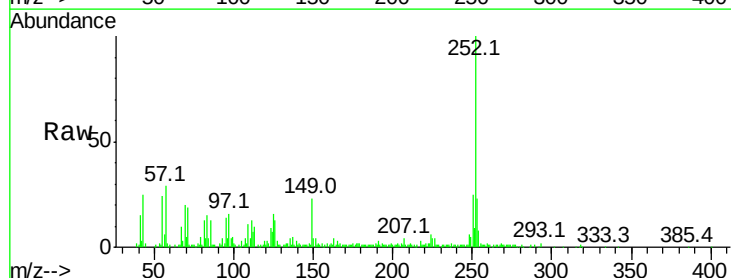
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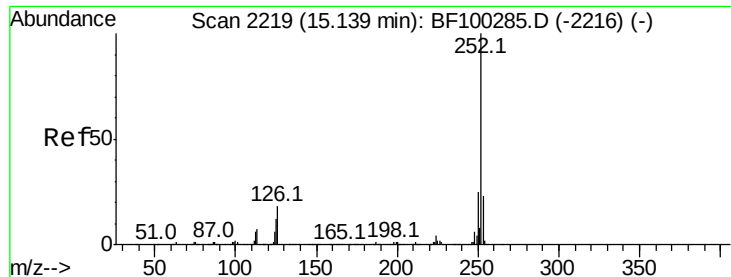
Sohil
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#87
Benzo(b)fluoranthene
Concen: 12.094 ng m
RT: 15.09 min Scan# 2210
Delta R.T. -0.00 min
Lab File: BF100824.D
Acq: 22 Nov 2017 14:12

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.0	25.6
125	16.0	9.0	13.6





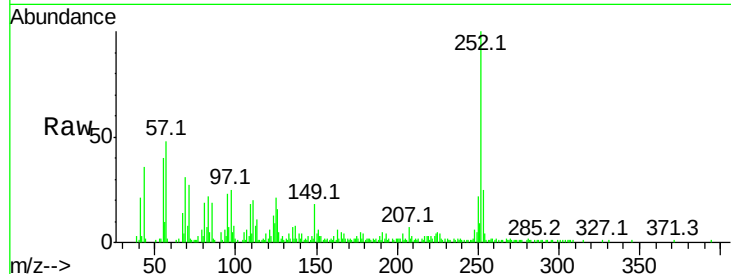
#88
Benzo(k)fluoranthene
Concen: 5.353 ng m
RT: 15.11 min Scan# 2214
Delta R.T. -0.01 min
Lab File: BF100824.D
Acq: 22 Nov 2017 14:12

Instrument :
BNA_F
ClientSampled :
RT-3874

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.9	17.9	26.9
125	21.3	10.2	15.2

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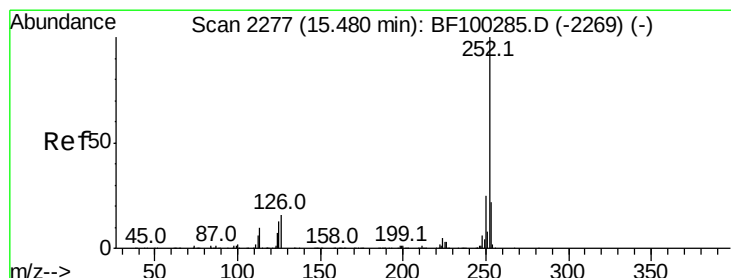
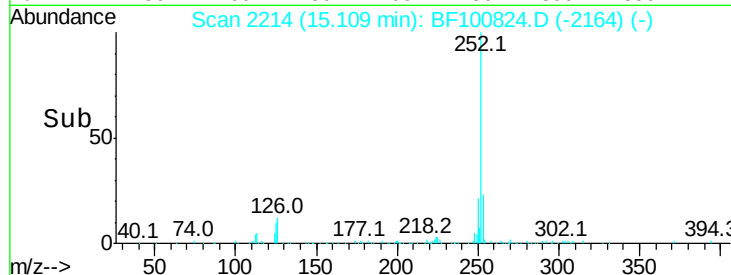
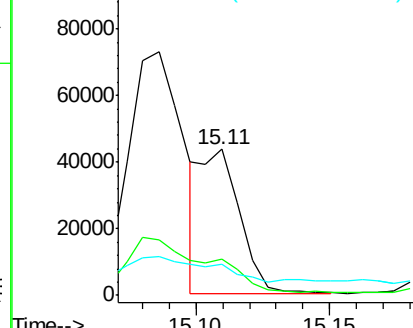


Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#89
Benzo(a)pyrene
Concen: 9.532 ng
RT: 15.45 min Scan# 2272
Delta R.T. -0.01 min
Lab File: BF100824.D
Acq: 22 Nov 2017 14:12

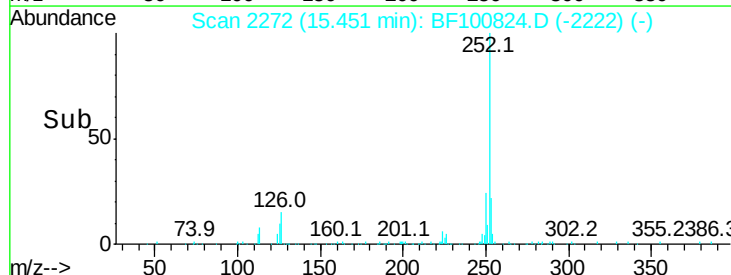
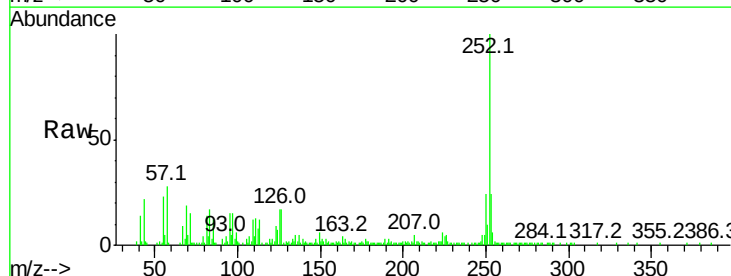
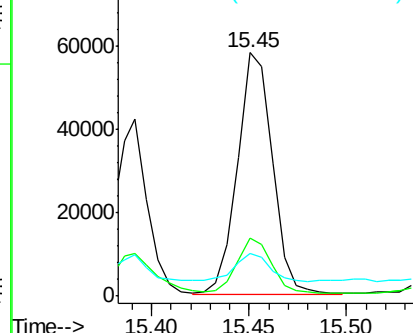
Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.9	17.1	25.7
125	17.3	9.8	14.6

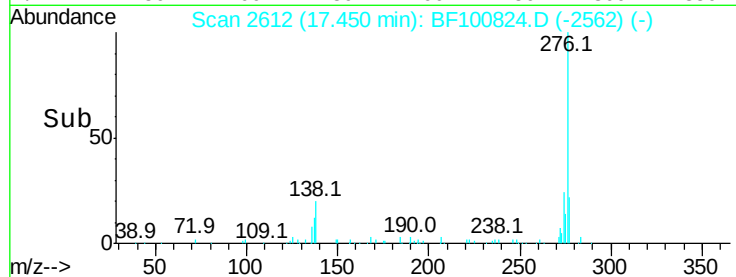
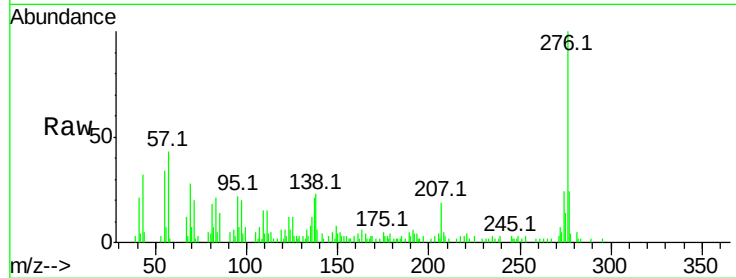
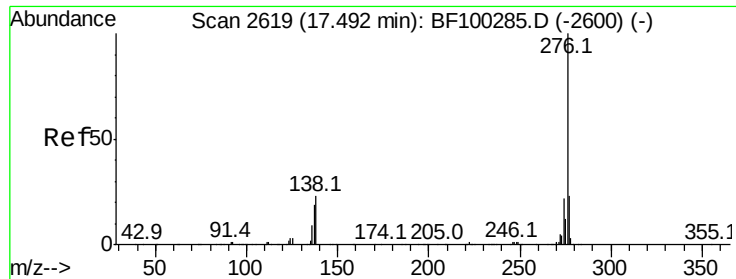
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Benzo(a,h,i)perylene

Concen: 5.783 ng

RT: 17.45 min Scan# 2612

Delta R.T. -0.01 min

Lab File: BF100824.D

Acq: 22 Nov 2017 14:12

Tot Ion:	276	Resp:	35360
Ion Ratio		Lower	Upper
276	100		
277	23.6	17.9	26.9
138	23.0	21.8	32.8

Instrument :

BNA_F

ClientSampleId :

RT-3874

Manual Integrations
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Sohil
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