

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112117\
 Data File : BF100803.D
 Acq On : 22 Nov 2017 2:26
 Operator : SJ/JU
 Sample : I6466-07
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CHAP-2-E(0-1)

Manual Integrations
 APPROVED

Sohil
 11/22/2017 5:04:48 PM

Quant Time: Nov 22 07:27:05 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	85475	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	327044	20.00	ng	-0.02
38) Acenaphthene-d10	9.91	164	140753	20.00	ng	-0.01
63) Phenanthrene-d10	11.40	188	223570	20.00	ng	0.00
75) Chrysene-d12	14.03	240	168054	20.00	ng	-0.01
86) Perylene-d12	15.51	264	146350	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	441965	82.89	ng	0.00
7) Phenol-d6	6.50	99	542108	82.45	ng	-0.01
23) Nitrobenzene-d5	7.43	82	337331	68.19	ng	-0.02
41) 2,4,6-Tribromophenol	10.70	330	114451	79.80	ng	-0.01
44) 2-Fluorobiphenyl	9.23	172	662002	71.62	ng	-0.01
78) Terphenyl-d14	12.98	244	408036	55.79	ng	0.00
Target Compounds						
10) Phenol	6.51	94	29712	4.304	ng	97
49) Dimethylphthalate	9.62	163	27399	2.550	ng	# 99
70) Phenanthrene	11.42	178	32748	2.782	ng	98
74) Fluoranthene	12.61	202	67163	5.384	ng	95
77) Pyrene	12.84	202	77210	6.445	ng	97
80) Benzo(a)anthracene	14.02	228	48937	4.836	ng	95
82) Chrysene	14.06	228	46829	4.778	ng	96
85) Indeno(1,2,3-cd)pyrene	16.99	276	20359m	2.568	ng	
87) Benzo(b)fluoranthene	15.07	252	54051m	6.234	ng	
88) Benzo(k)fluoranthene	15.10	252	19995m	2.441	ng	
89) Benzo(a)pyrene	15.44	252	40228	5.233	ng	98
91) Benzo(a,h,i)perylene	17.44	276	22164	3.602	ng	97

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

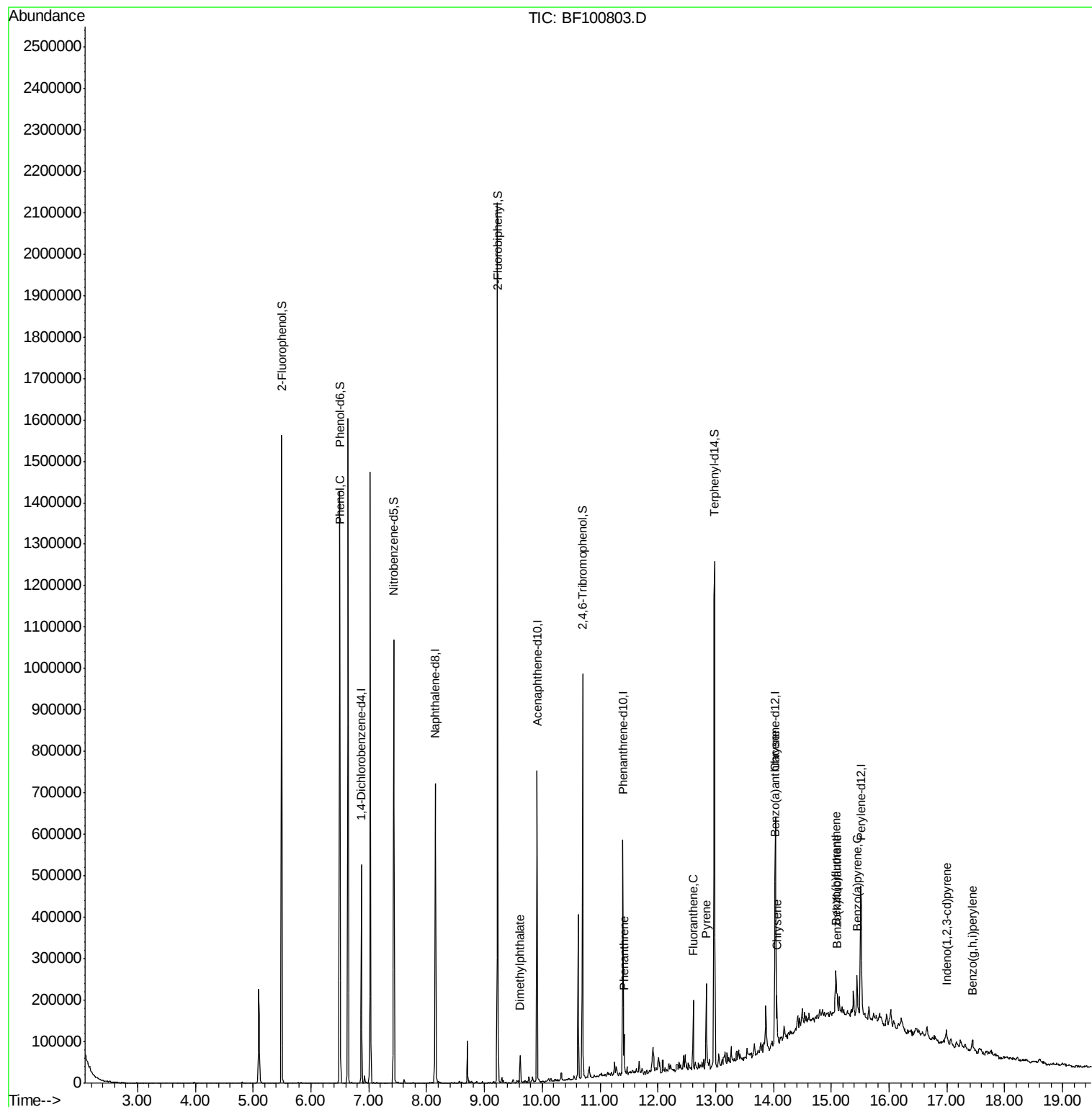
Data Path : Z:\HPCHEM1\BNA F\DATA\BF112117\
Data File : BF100803.D
Acq On : 22 Nov 2017 2:26
Operator : SJ/JU
Sample : I6466-07
Misc :
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CHAP-2-E(0-1)

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#1

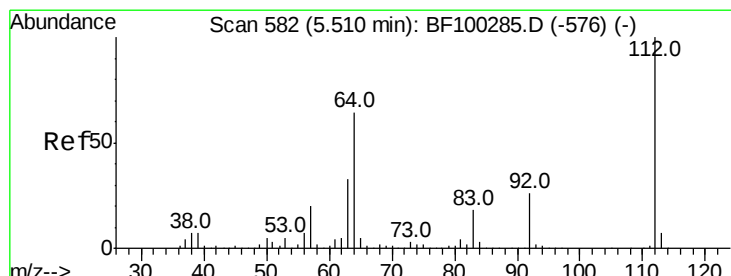
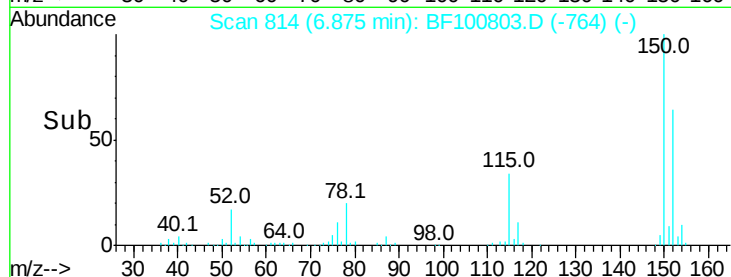
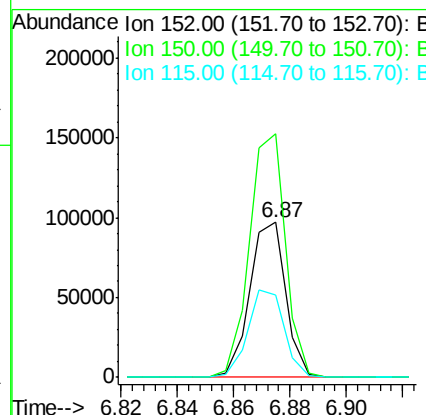
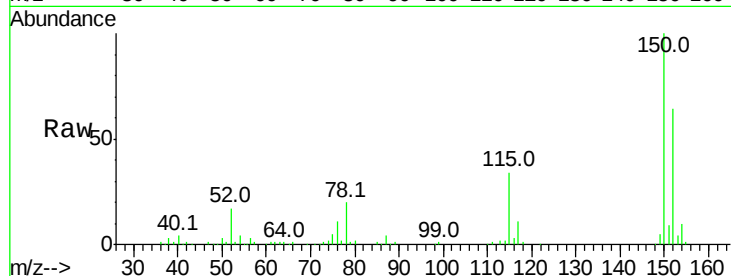
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.87 min Scan# 814
 Delta R.T. -0.01 min
 Lab File: BF100803.D
 Acq: 22 Nov 2017 2:26

Instrument :
 BNA_F
 ClientSampleId :
 CHAP-2-E(0-1)

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.2	124.6	186.8
115	53.1	50.1	75.1

Manual Integrations
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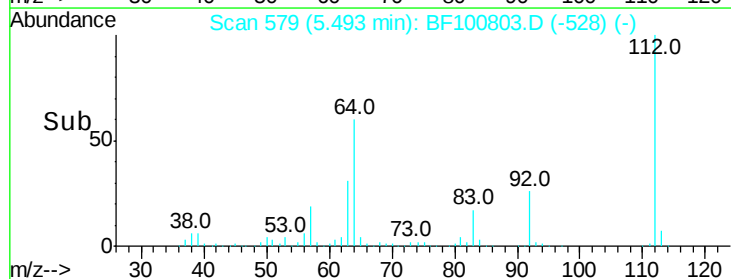
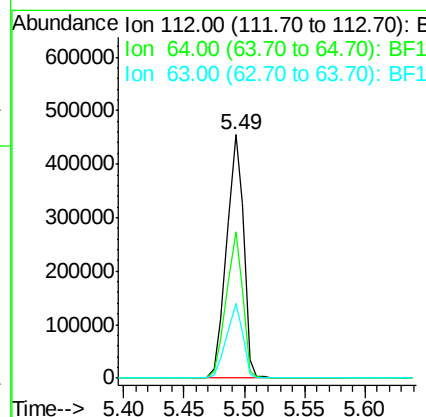
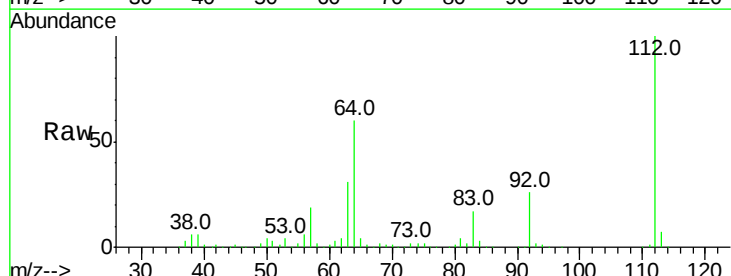
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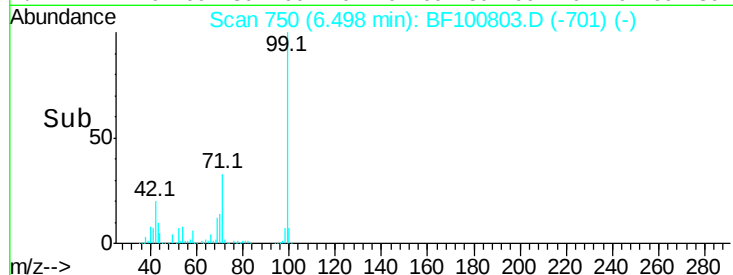
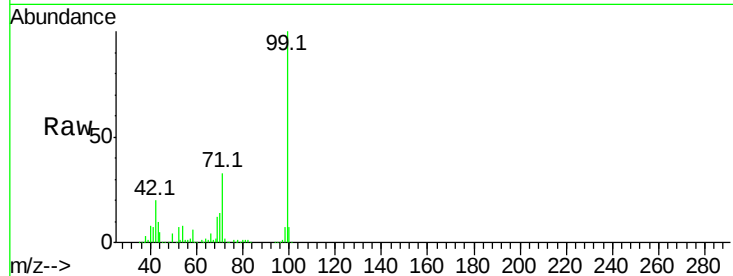


#5

2-Fluorophenol
 Concen: 82.886 ng
 RT: 5.49 min Scan# 579
 Delta R.T. 0.00 min
 Lab File: BF100803.D
 Acq: 22 Nov 2017 2:26

Tgt Ion	Ratio	Lower	Upper
112	100		
64	60.2	47.9	71.9
63	30.7	23.7	35.5





#7

Phenol-d6

Concen: 82.446 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.01 min

Lab File: BF100803.D

Acq: 22 Nov 2017 2:26

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		542108		
42	19.7	14.5	21.7		
71	33.3	25.4	38.0		

Instrument :

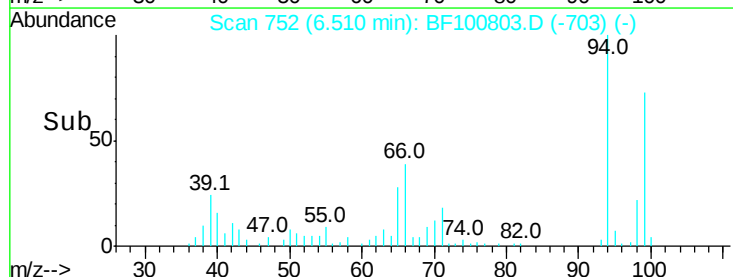
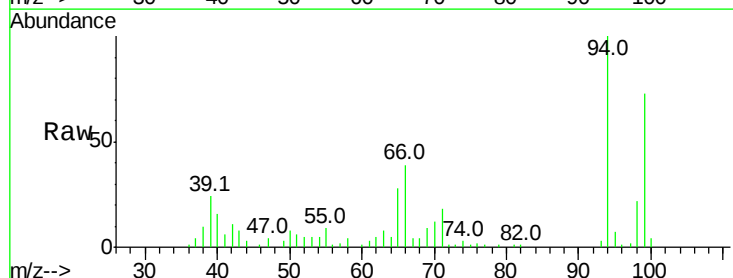
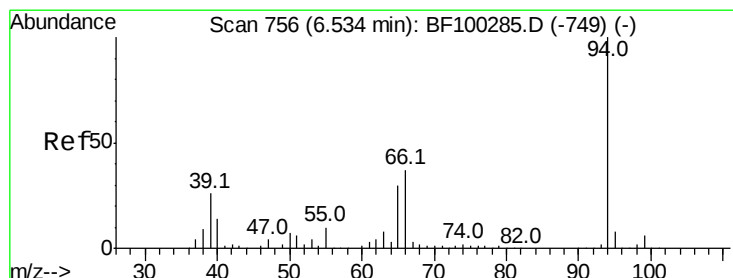
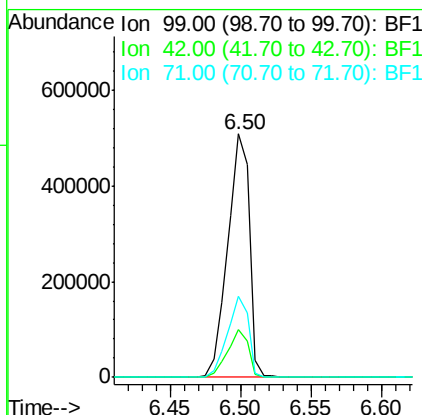
BNA_F

ClientSampleId :

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#10

Phenol

Concen: 4.304 ng

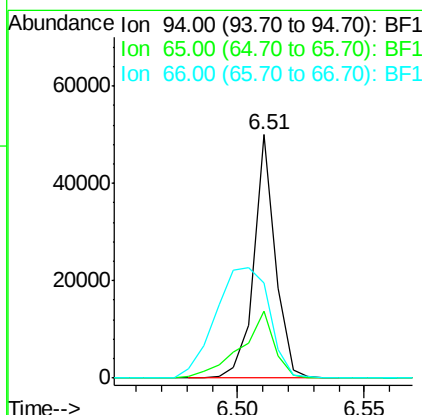
RT: 6.51 min Scan# 752

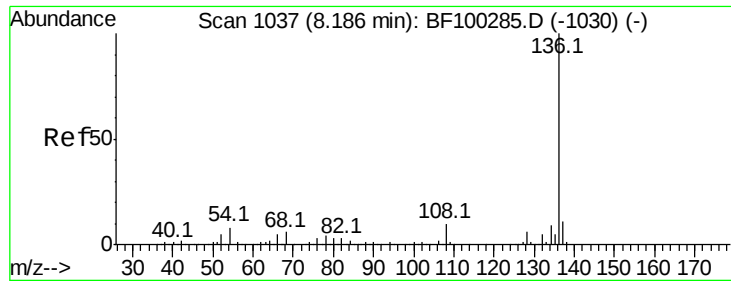
Delta R.T. -0.01 min

Lab File: BF100803.D

Acq: 22 Nov 2017 2:26

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
94	100		29712		
65	27.5	7.9	47.9		
66	39.3	16.2	56.2		





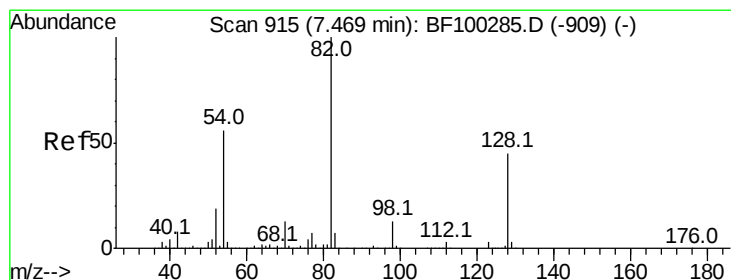
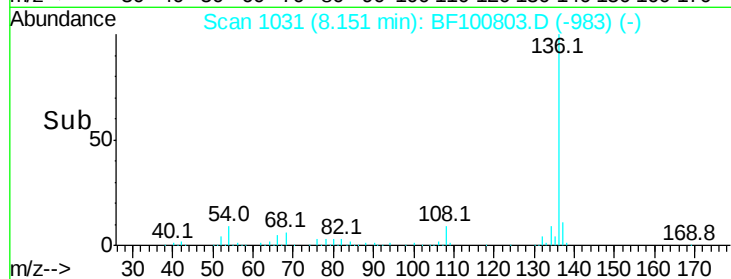
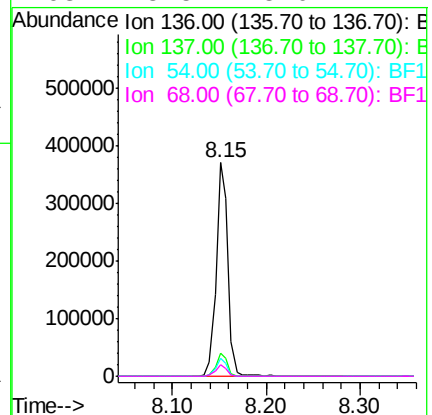
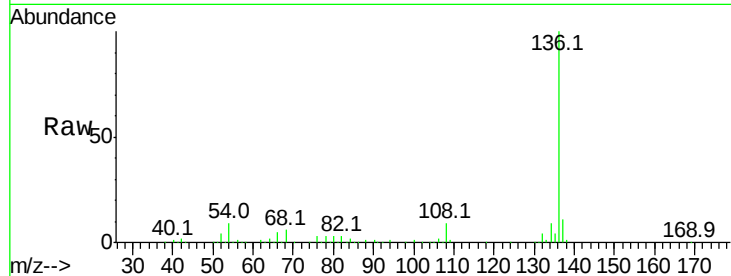
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.15 min Scan# 1031
Delta R.T. -0.02 min
Lab File: BF100803.D
Acq: 22 Nov 2017 2:26

Instrument :
BNA_F
ClientSampleId :
CHAP-2-E(0-1)

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		327044		
137	11.0	8.9	13.3		
54	8.7	6.6	9.8		
68	5.5	5.0	7.4		

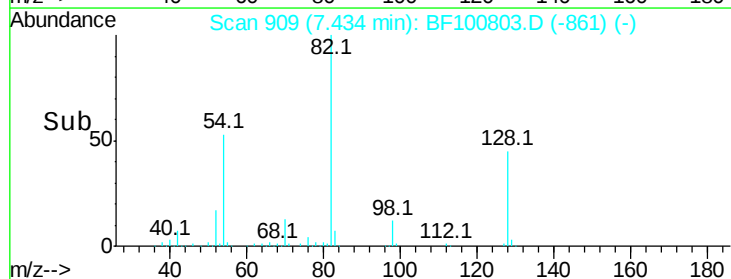
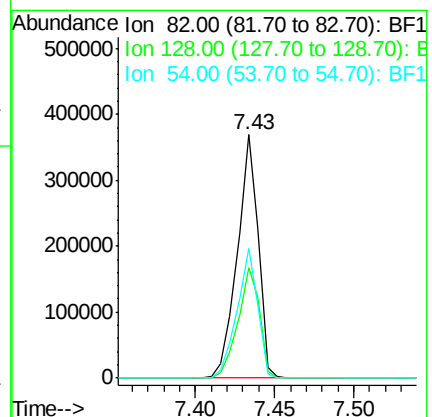
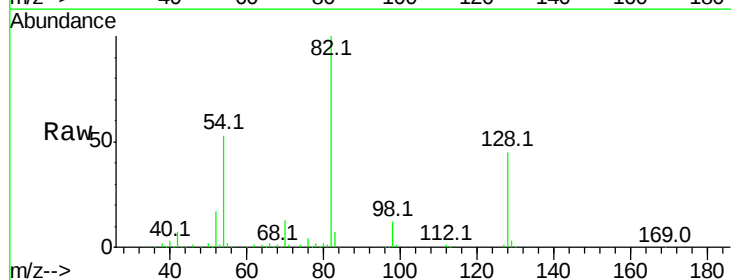
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#23
Nitrobenzene-d5
Concen: 68.193 ng
RT: 7.43 min Scan# 909
Delta R.T. -0.02 min
Lab File: BF100803.D
Acq: 22 Nov 2017 2:26

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
82	100		337331		
128	45.3	36.1	54.1		
54	53.1	41.4	62.2		





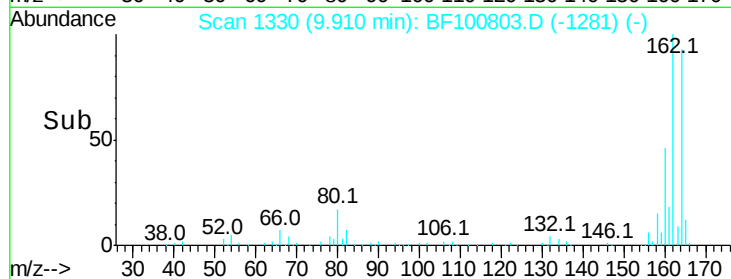
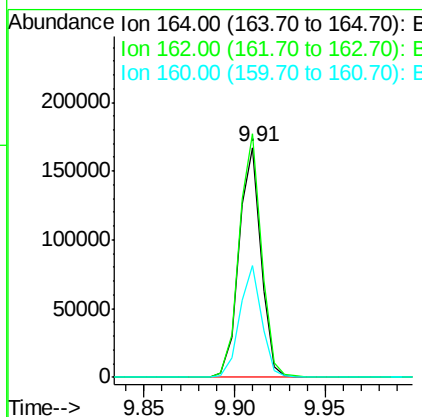
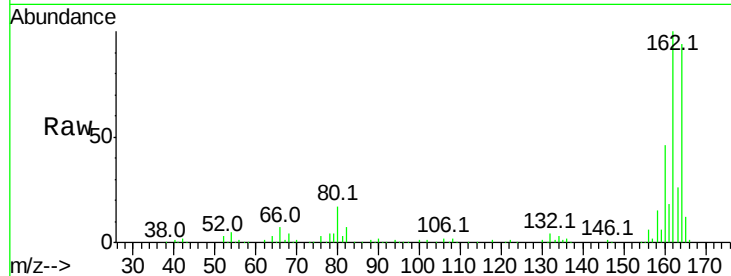
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.91 min Scan# 1330
Delta R.T. -0.01 min
Lab File: BF100803.D
Acq: 22 Nov 2017 2:26

Instrument :
BNA_F
ClientSampleId :
CHAP-2-E(0-1)

Tot Ion	Ratio	Resp	Lower	Upper
164	100	140753		
162	106.1	86.1	129.1	
160	48.7	38.3	57.5	

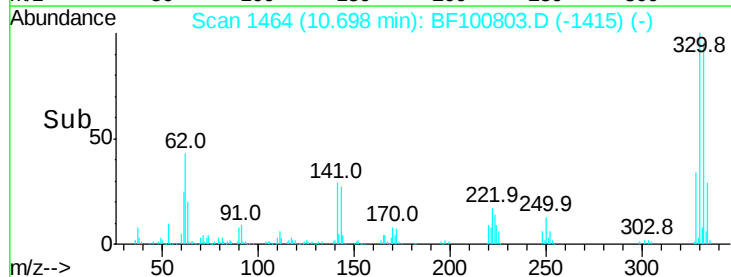
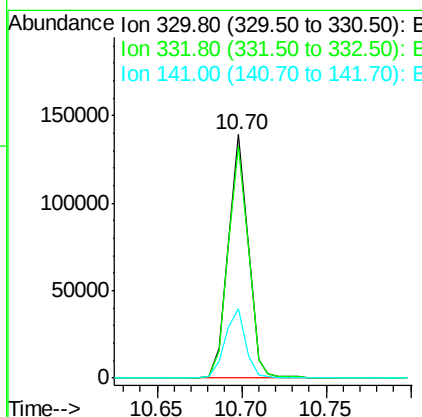
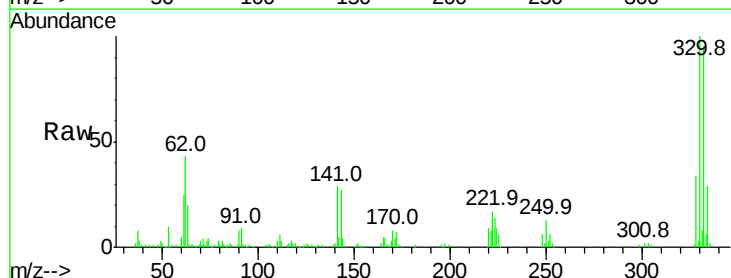
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#41
2,4,6-Tribromophenol
Concen: 79.797 ng
RT: 10.70 min Scan# 1464
Delta R.T. -0.01 min
Lab File: BF100803.D
Acq: 22 Nov 2017 2:26

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	114451		
332	97.2	77.0	115.6	
141	29.7	29.9	44.9#	





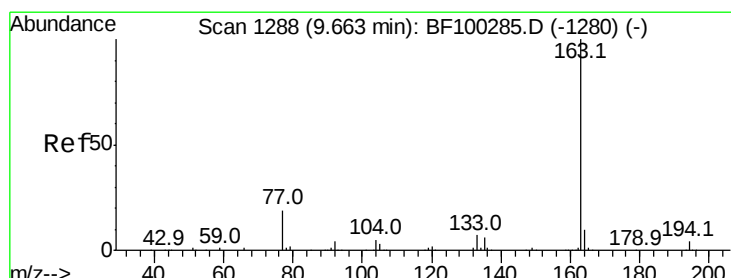
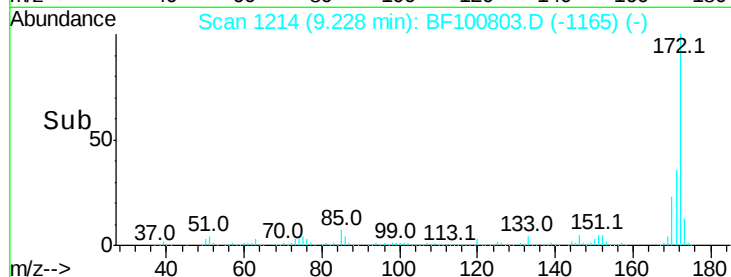
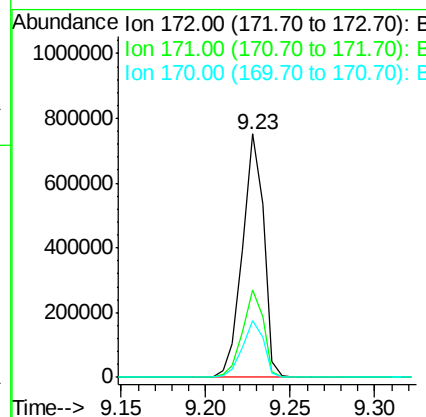
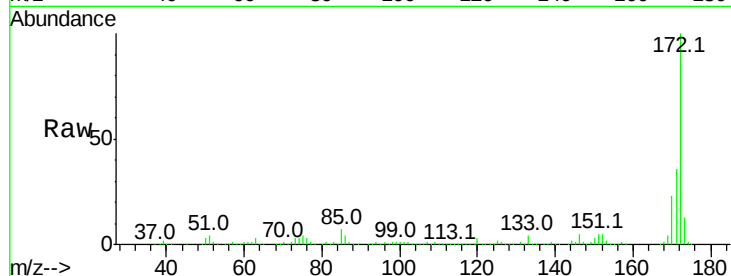
#44
2-Fluorobiphenyl
Concen: 71.618 ng
RT: 9.23 min Scan# 1214
Delta R.T. -0.01 min
Lab File: BF100803.D
Acq: 22 Nov 2017 2:26

Instrument :
BNA_F
ClientSampleId :
CHAP-2-E(0-1)

Tot Ion	Ratio	Resp Lower	Upper
172	100		
171	35.9	29.7	44.5
170	23.2	19.6	29.4

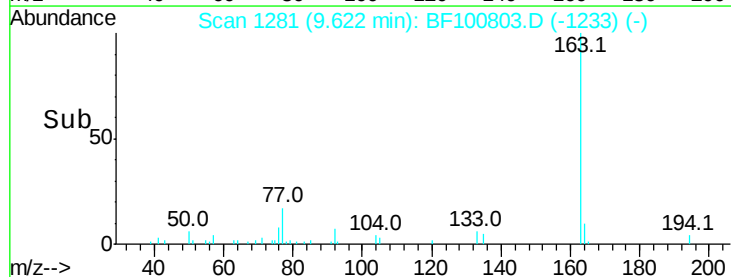
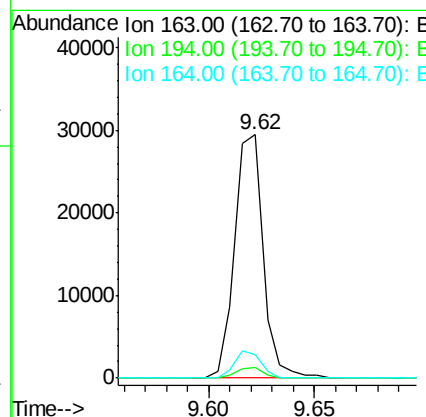
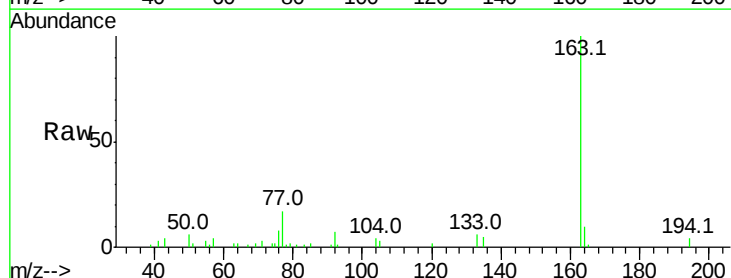
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#49
Dimethylphthalate
Concen: 2.550 ng
RT: 9.62 min Scan# 1281
Delta R.T. -0.02 min
Lab File: BF100803.D
Acq: 22 Nov 2017 2:26

Tgt Ion	Ratio	Resp Lower	Upper
163	100		
194	4.2	2.7	4.1#
164	9.9	8.2	12.2





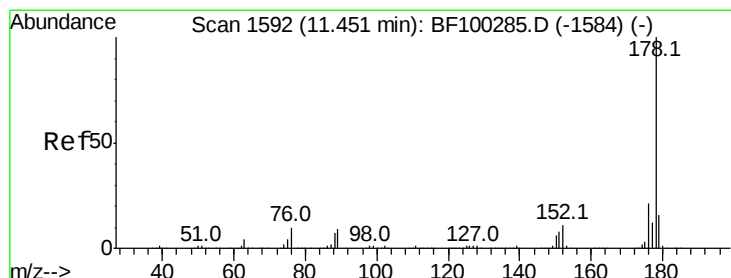
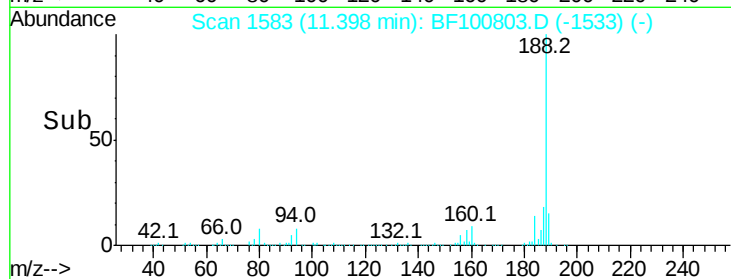
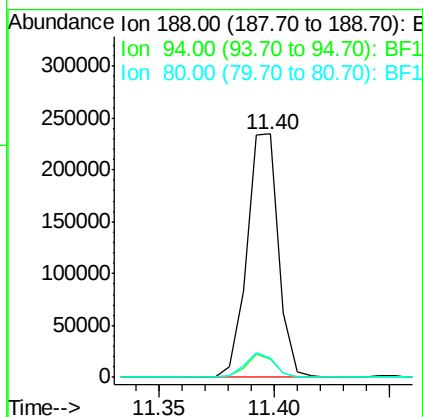
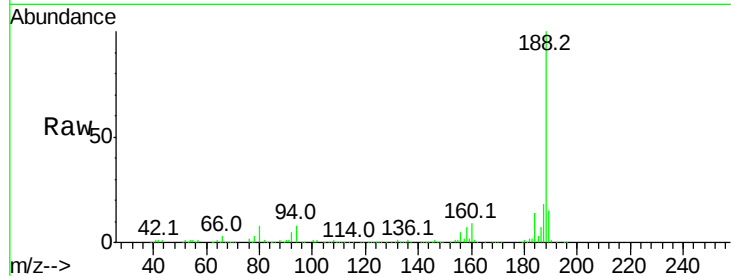
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1583
Delta R.T. -0.01 min
Lab File: BF100803.D
Acq: 22 Nov 2017 2:26

Instrument :
BNA_F
ClientSampleId :
CHAP-2-E(0-1)

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	7.6	8.5	12.7#
80	8.2	9.2	13.8#

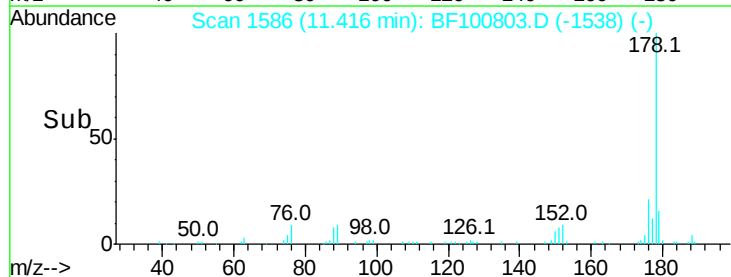
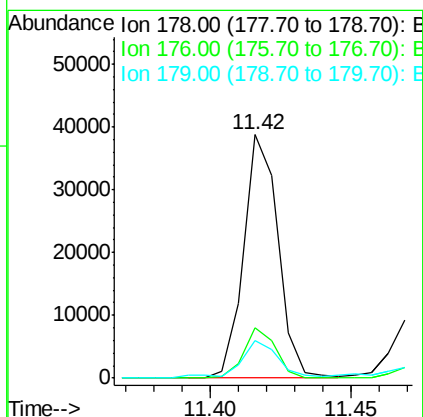
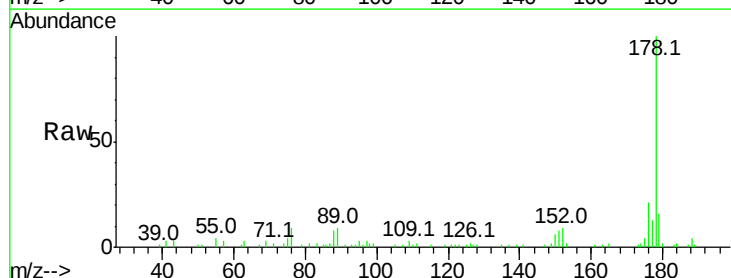
Manual Integrations
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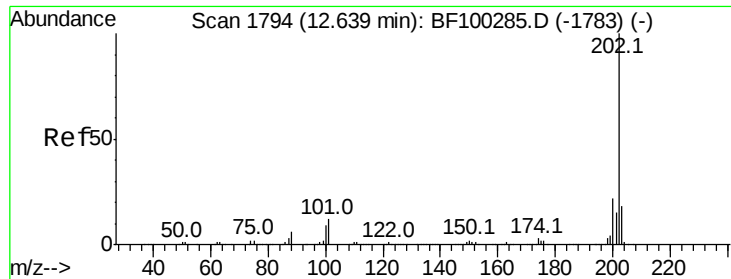
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#70
Phenanthrene
Concen: 2.782 ng
RT: 11.42 min Scan# 1586
Delta R.T. -0.02 min
Lab File: BF100803.D
Acq: 22 Nov 2017 2:26

Tgt Ion	Ratio	Resp Lower	Upper
178	100		
176	20.9	15.8	23.8
179	15.6	13.0	19.6





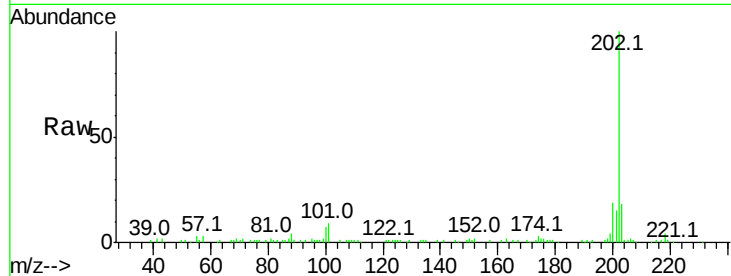
#74
Fluoranthene
Concen: 5.384 ng
RT: 12.61 min Scan# 1789
Delta R.T. -0.01 min
Lab File: BF100803.D
Acq: 22 Nov 2017 2:26

Instrument :
BNA_F
ClientSampleId :
CHAP-2-E(0-1)

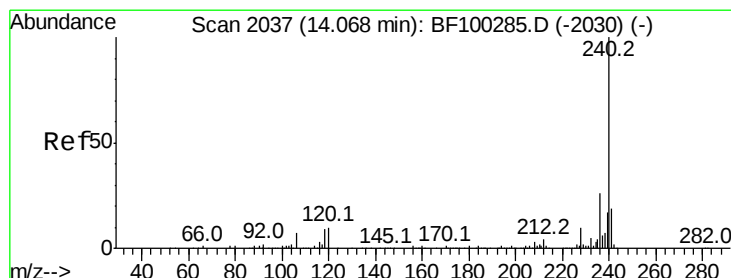
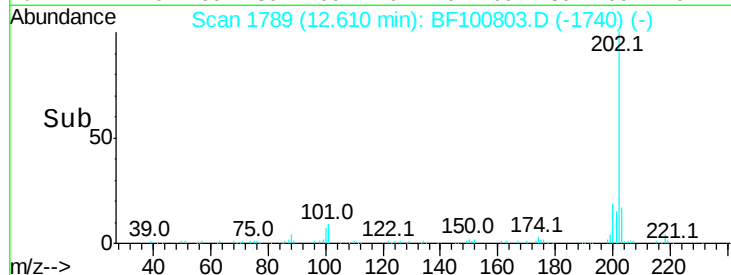
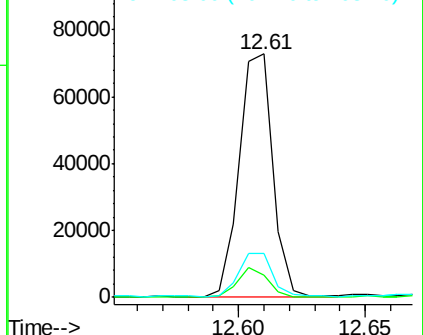
Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	9.3	0.0	34.1
203	17.9	0.0	38.1

Manual Integrations
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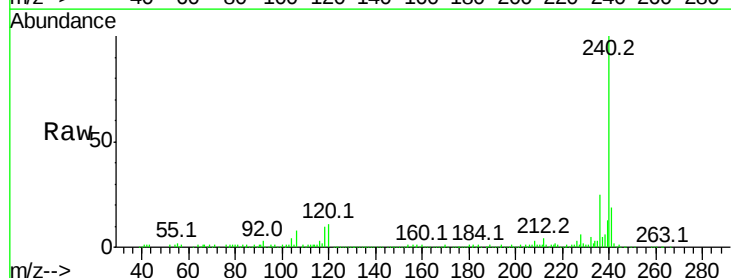


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E

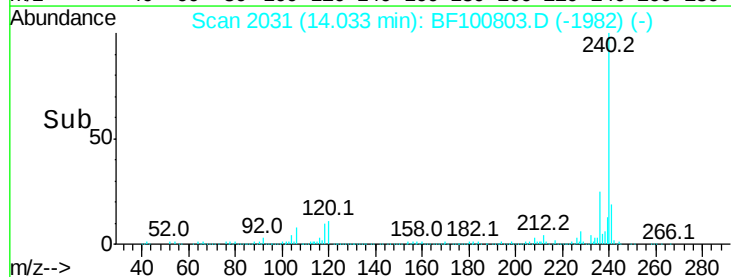
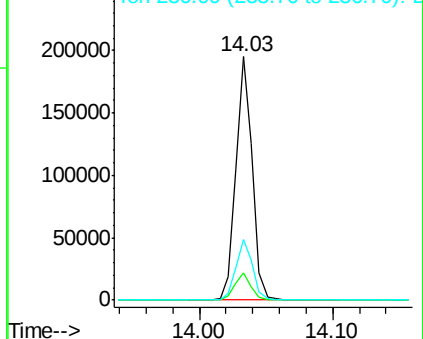


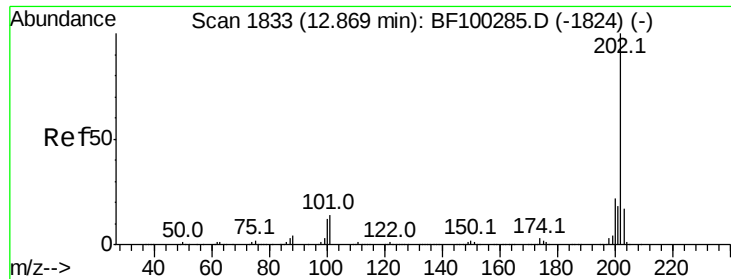
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.03 min Scan# 2031
Delta R.T. -0.01 min
Lab File: BF100803.D
Acq: 22 Nov 2017 2:26

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	11.3	9.5	14.3
236	24.9	20.7	31.1



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





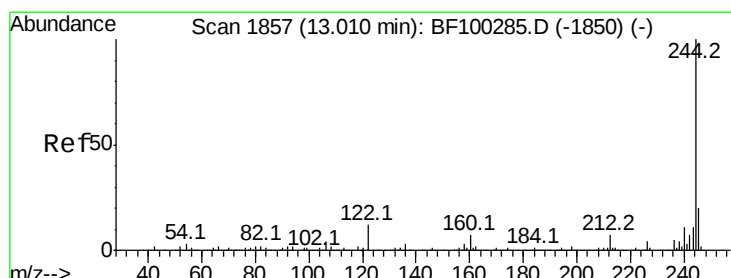
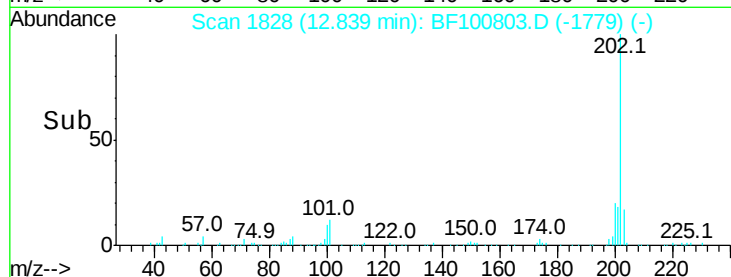
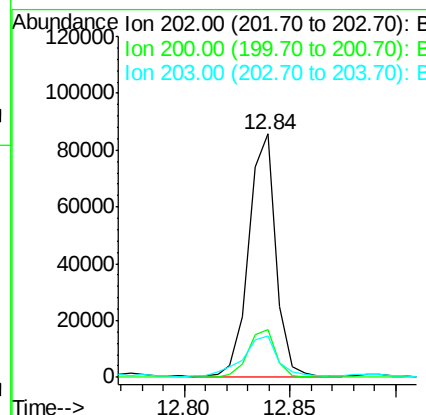
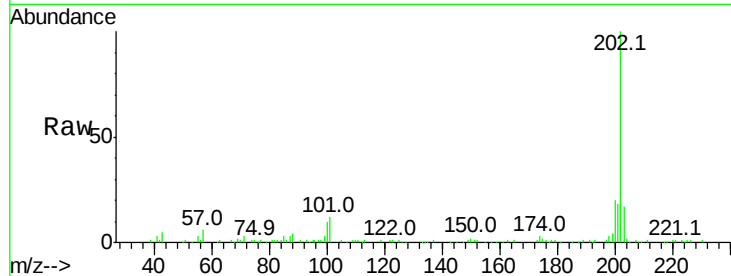
#77
Pvrene
Concen: 6.445 ng
RT: 12.84 min Scan# 1828
Delta R.T. -0.01 min
Lab File: BF100803.D
Acq: 22 Nov 2017 2:26

Instrument :
BNA_F
ClientSampleId :
CHAP-2-E(0-1)

Tot Ion	Ratio	Lower	Upper
202	100		
200	19.6	17.4	26.2
203	17.2	14.3	21.5

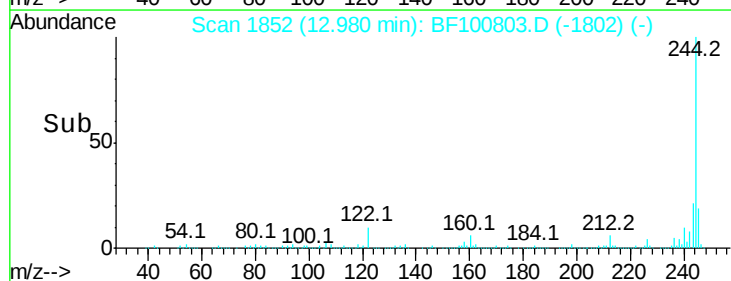
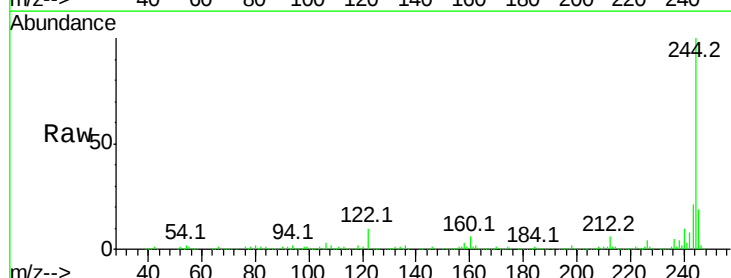
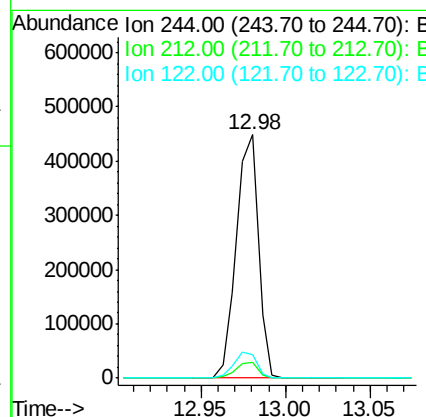
Manual Integrations
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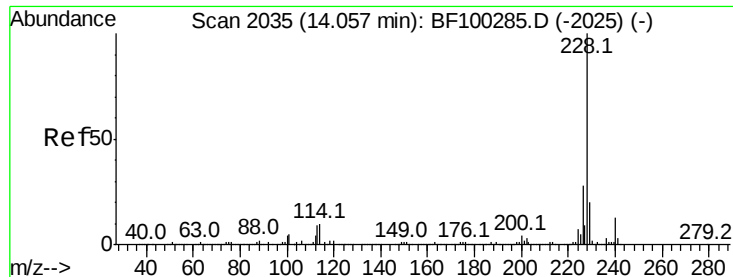
Sohil
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#78
Terphenyl-d14
Concen: 55.788 ng
RT: 12.98 min Scan# 1852
Delta R.T. -0.01 min
Lab File: BF100803.D
Acq: 22 Nov 2017 2:26

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.3	5.4	8.0
122	9.7	11.0	16.4#





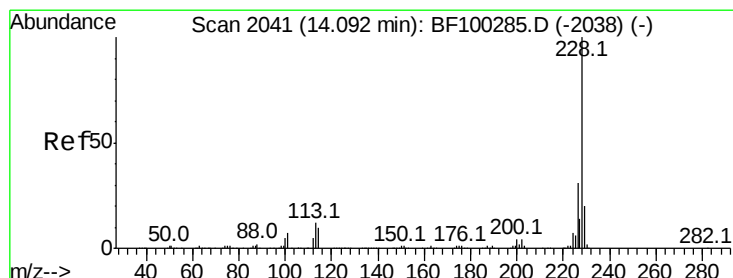
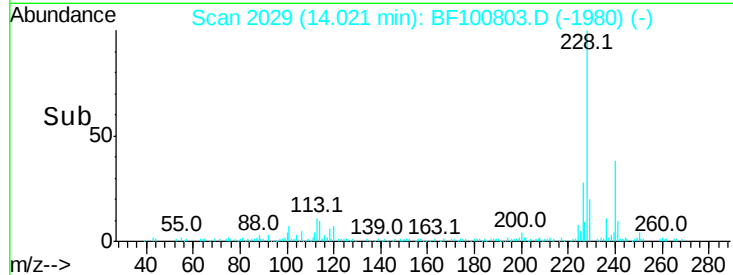
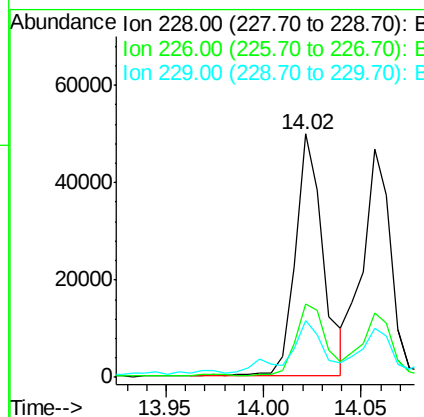
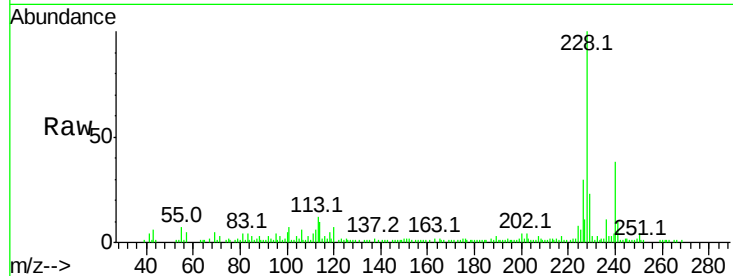
#80
Benzo(a)anthracene
Concen: 4.836 ng
RT: 14.02 min Scan# 2029
Delta R.T. -0.01 min
Lab File: BF100803.D
Acq: 22 Nov 2017 2:26

Instrument :
BNA_F
ClientSampleId :
CHAP-2-E(0-1)

Tot Ion:228	Resp:	48937
Ion Ratio	Lower	Upper
228	100	
226	29.9	22.6 33.8
229	23.3	15.8 23.6

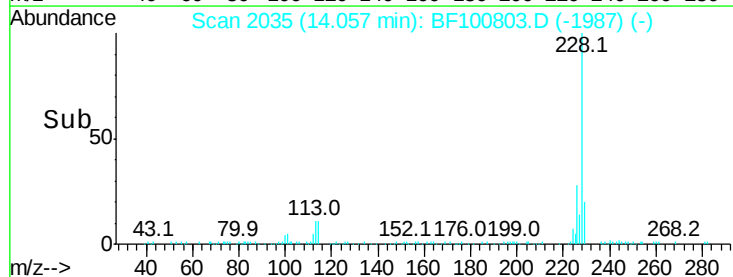
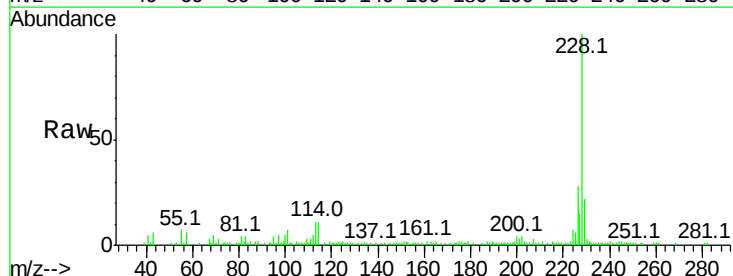
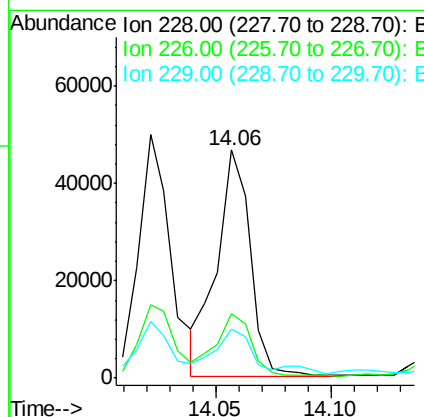
Manual Integrations
APPROVED

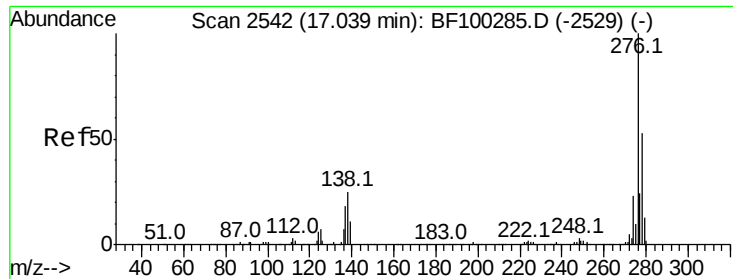
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#82
Chrysene
Concen: 4.778 ng
RT: 14.06 min Scan# 2035
Delta R.T. -0.02 min
Lab File: BF100803.D
Acq: 22 Nov 2017 2:26

Tgt Ion:228	Resp:	46829
Ion Ratio	Lower	Upper
228	100	
226	28.5	25.0 37.6
229	21.7	16.2 24.4





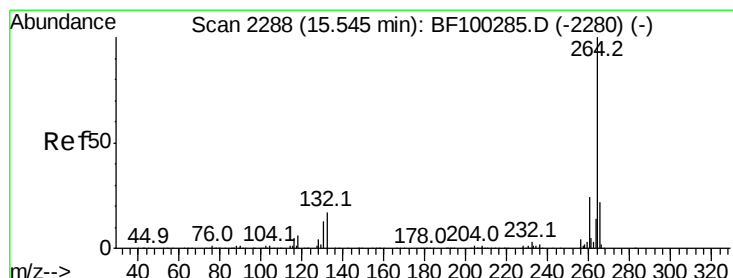
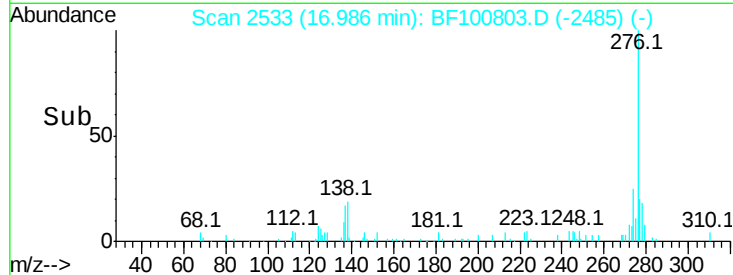
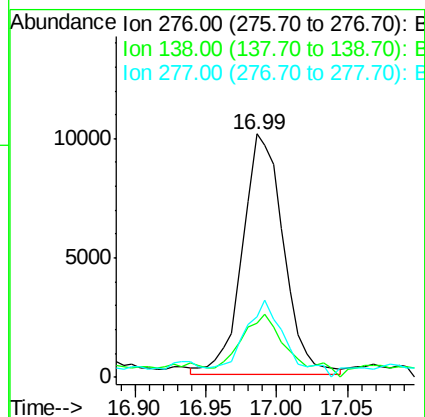
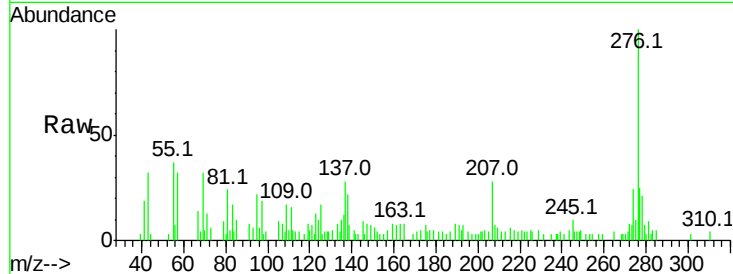
#85
Indeno(1,2,3-cd)pyrene
Concen: 2.568 ng/ml
RT: 16.99 min Scan# 2533
Delta R.T. -0.02 min
Lab File: BF100803.D
Acq: 22 Nov 2017 2:26

Instrument :
BNA_F
ClientSampleId :
CHAP-2-E(0-1)

Tot Ion	Ratio	Lower	Upper
276	100		
138	30.6	25.0	37.6
277	32.6	20.1	30.1

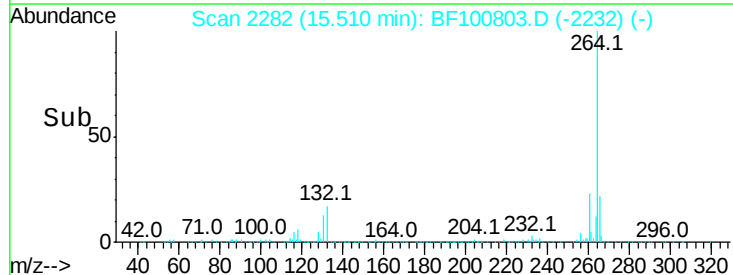
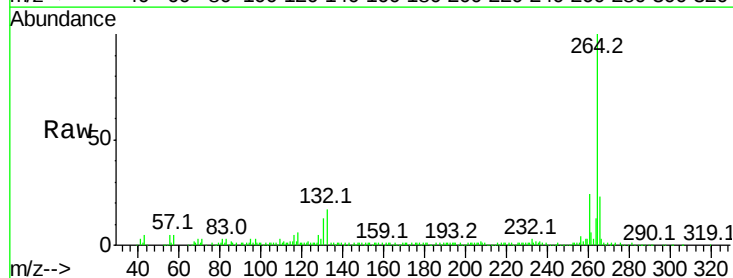
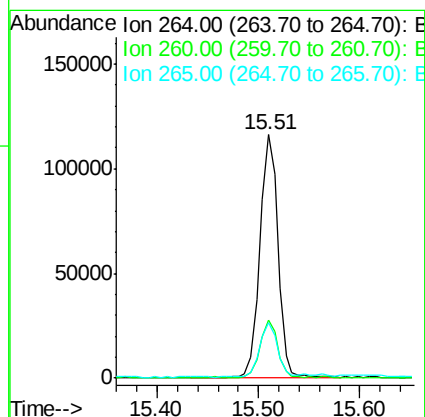
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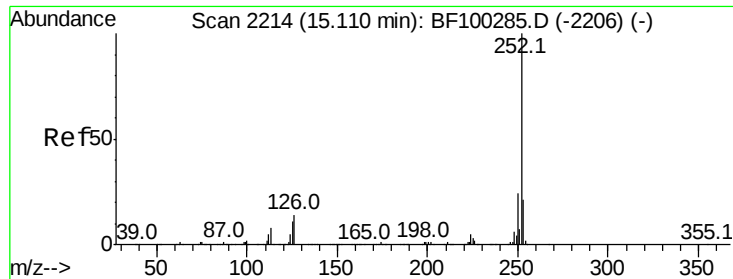
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#86
Perylene-d12
Concen: 20.000 ng
RT: 15.51 min Scan# 2282
Delta R.T. -0.01 min
Lab File: BF100803.D
Acq: 22 Nov 2017 2:26

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.2	28.8
265	22.7	17.5	26.3





#87

Benzo(b)fluoranthene

Concen: 6.234 ng m

RT: 15.07 min Scan# 2208

Delta R.T. -0.01 min

Lab File: BF100803.D

Acq: 22 Nov 2017 2:26

Instrument :

BNA_F

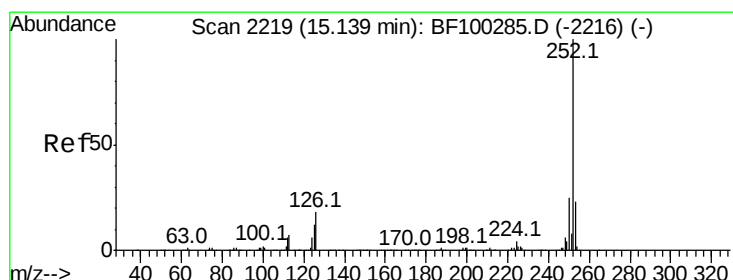
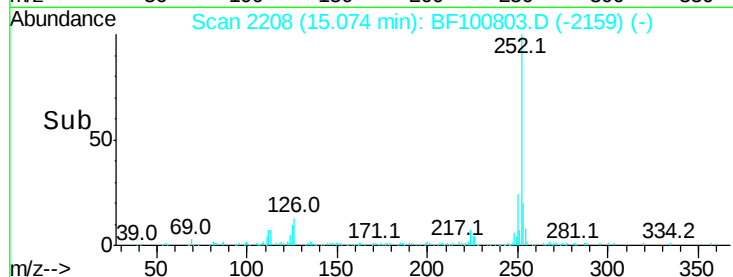
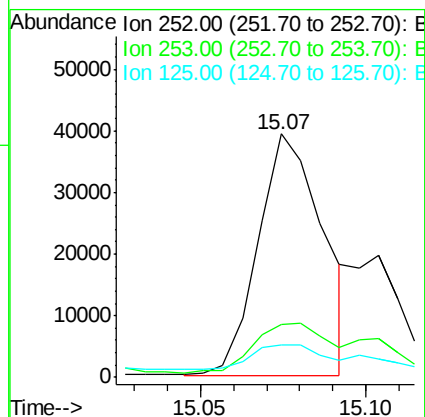
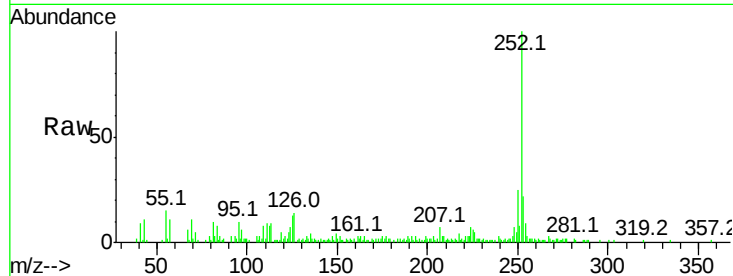
ClientSampleId :

CHAP-2-E(0-1)

Tot Ion:	252	Resp:	54051
Ion Ratio	Lower	Upper	
252	100		
253	21.8	17.0	25.6
125	13.2	9.0	13.6

Manual Integrations
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#88

Benzo(k)fluoranthene

Concen: 2.441 ng m

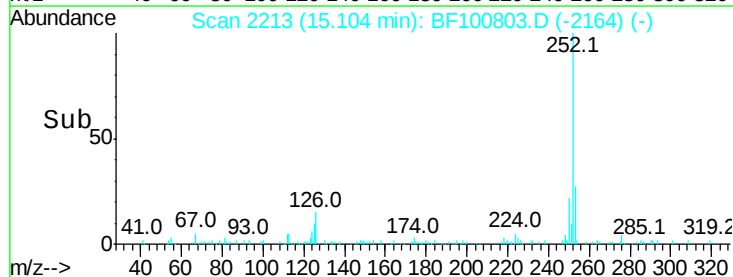
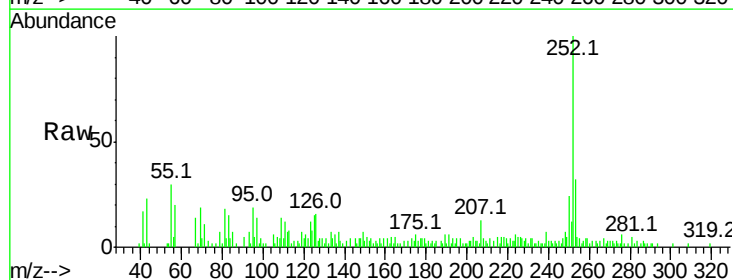
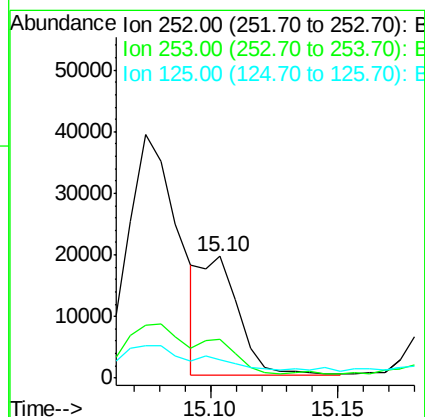
RT: 15.10 min Scan# 2213

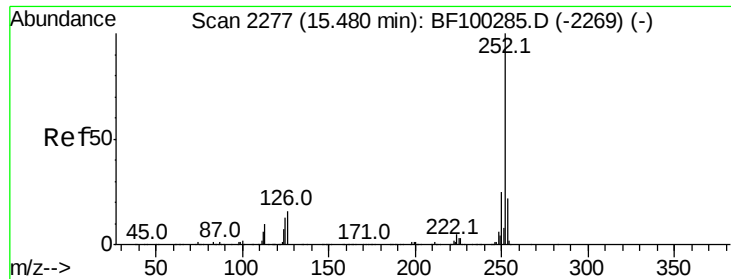
Delta R.T. -0.01 min

Lab File: BF100803.D

Acq: 22 Nov 2017 2:26

Tgt Ion:	252	Resp:	19995
Ion Ratio	Lower	Upper	
252	100		
253	31.5	17.9	26.9#
125	14.6	10.2	15.2





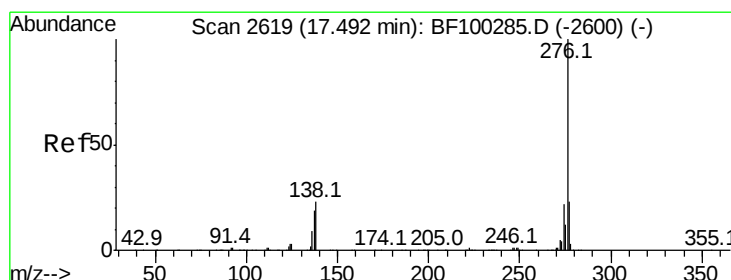
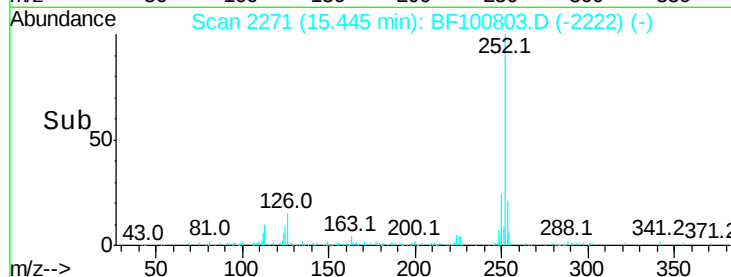
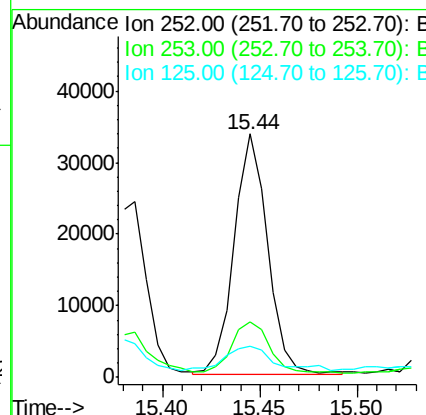
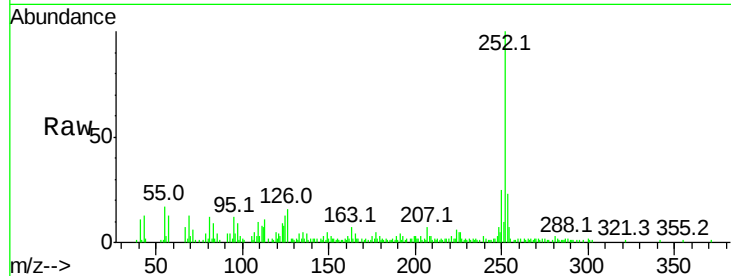
#89
Benzo(a)pyrene
Concen: 5.233 ng
RT: 15.44 min Scan# 2271
Delta R.T. -0.01 min
Lab File: BF100803.D
Acq: 22 Nov 2017 2:26

Instrument :
BNA_F
ClientSampleId :
CHAP-2-E(0-1)

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.1	25.7
125	12.8	9.8	14.6

Manual Integrations
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#91
Benzo(g,h,i)perylene
Concen: 3.602 ng
RT: 17.44 min Scan# 2610
Delta R.T. -0.02 min
Lab File: BF100803.D
Acq: 22 Nov 2017 2:26

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.7	17.9	26.9
138	27.9	21.8	32.8

