

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112017\
 Data File : BF100756.D
 Acq On : 21 Nov 2017 3:01
 Operator : SJ/JU
 Sample : I6306-01
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 NB-08-111717

Manual Integrations
 APPROVED

SOHIL
 11/21/2017 2:16:39 PM

Quant Time: Nov 21 06:19:31 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	82803	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	309435	20.00	ng	-0.02
38) Acenaphthene-d10	9.91	164	118443	20.00	ng	-0.01
63) Phenanthrene-d10	11.39	188	177171	20.00	ng	-0.01
75) Chrysene-d12	14.03	240	181611	20.00	ng	-0.01
86) Perylene-d12	15.50	264	148355	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	417532	80.83	ng	0.00
7) Phenol-d6	6.50	99	492724	77.35	ng	-0.01
23) Nitrobenzene-d5	7.43	82	297254	63.51	ng	-0.02
41) 2,4,6-Tribromophenol	10.70	330	88336	73.19	ng	-0.01
44) 2-Fluorobiphenyl	9.23	172	557077	71.62	ng	-0.01
78) Terphenyl-d14	12.97	244	394981	49.97	ng	-0.01
Target Compounds						
10) Phenol	6.51	94	22373	3.346	ng	97
49) Dimethylphthalate	9.62	163	50856	5.624	ng	# 97
70) Phenanthrene	11.42	178	34323	3.679	ng	99
74) Fluoranthene	12.60	202	68710	6.950	ng	97
77) Pyrene	12.83	202	77476	5.985	ng	99
80) Benzo(a)anthracene	14.02	228	44686	4.086	ng	97
82) Chrysene	14.06	228	39792	3.757	ng	98
87) Benzo(b)fluoranthene	15.07	252	47001m	5.348	ng	
89) Benzo(a)pyrene	15.44	252	33799	4.338	ng	97
91) Benzo(g,h,i)perylene	17.43	276	15550	2.493	ng	# 89

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

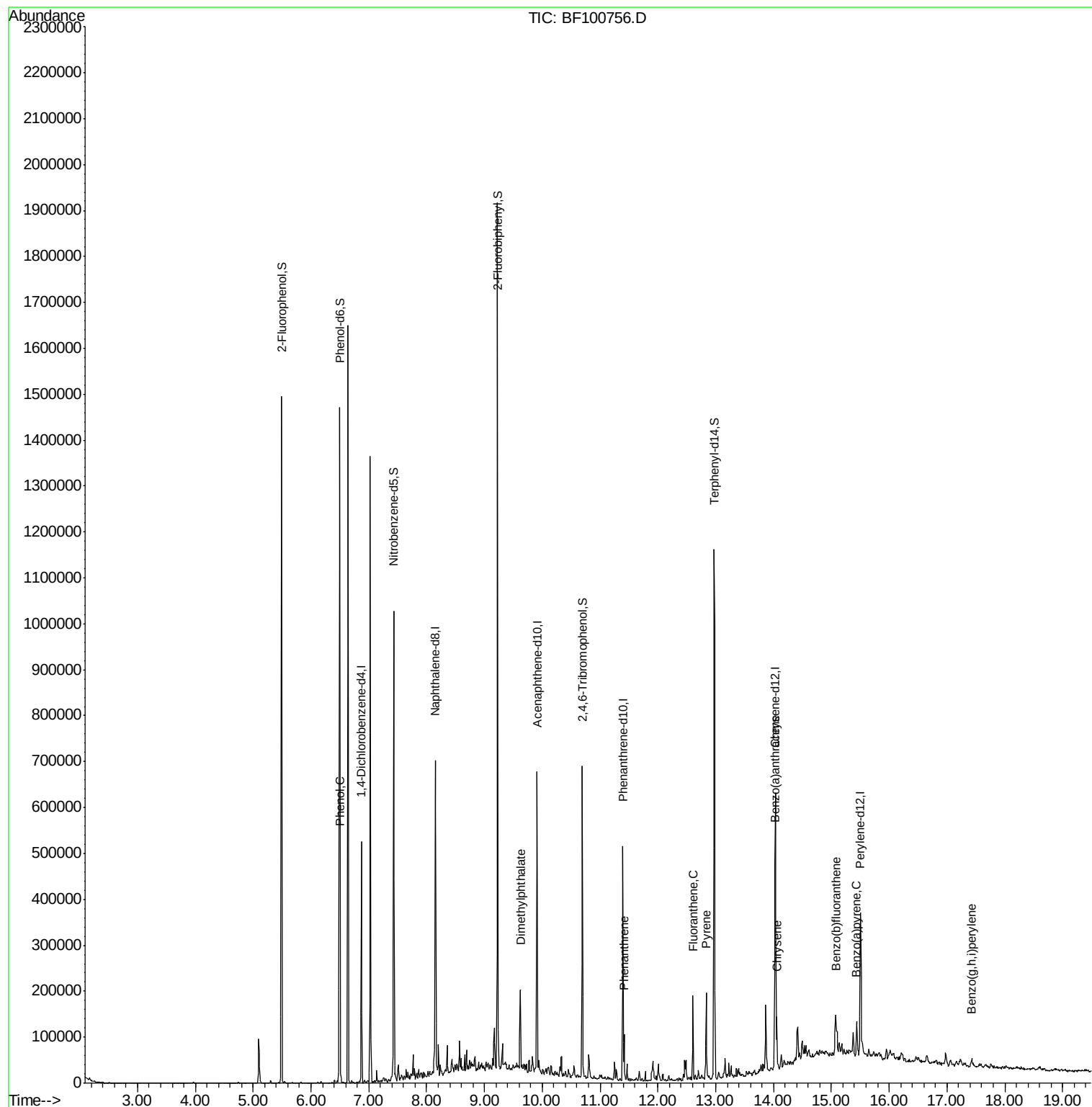
Data Path : Z:\HPCHEM1\BNA F\DATA\BF112017\
Data File : BF100756.D
Acq On : 21 Nov 2017 3:01
Operator : SJ/JU
Sample : I6306-01
Misc :
ALS Vial : 24 Sample Multiplier: 1

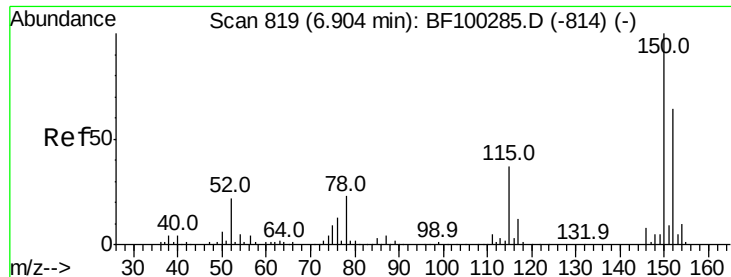
Instrument :
BNA_F
ClientSampleId :
NB-08-111717

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#1

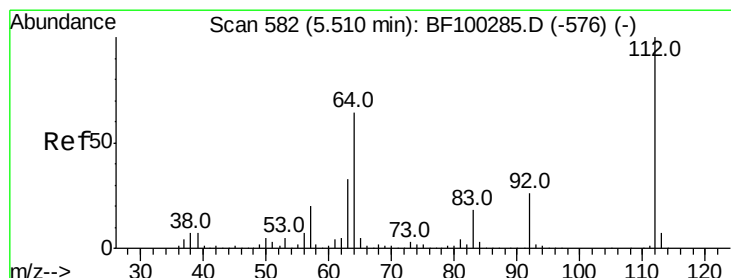
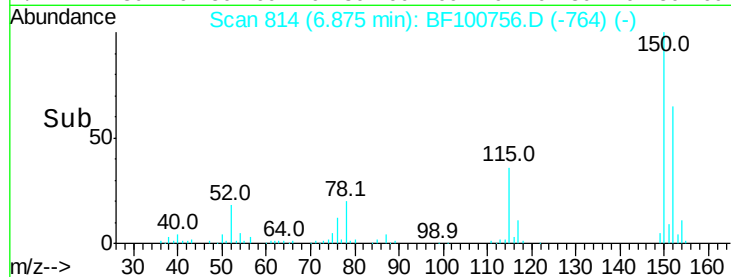
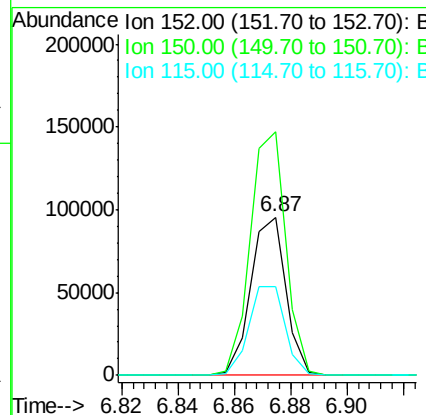
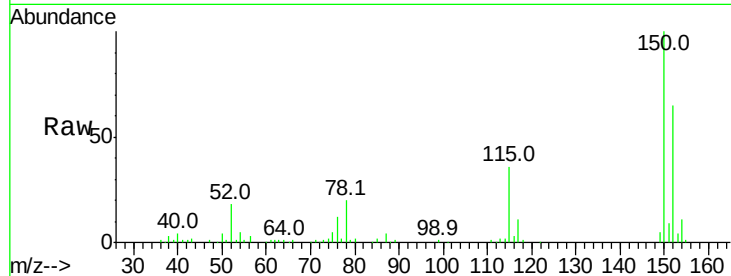
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 814
Delta R.T. -0.01 min
Lab File: BF100756.D
Acq: 21 Nov 2017 3:01

Instrument :
BNA_F
ClientSampleId :
NB-08-111717

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.9	124.6	186.8
115	56.0	50.1	75.1

Manual Integrations
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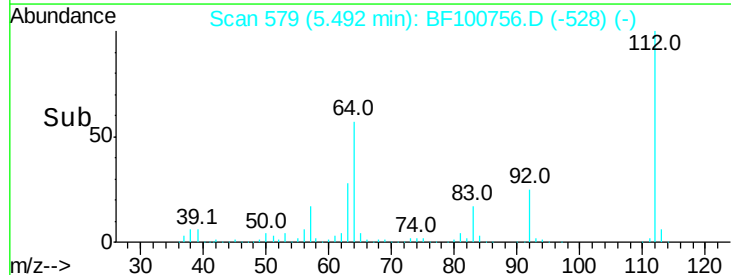
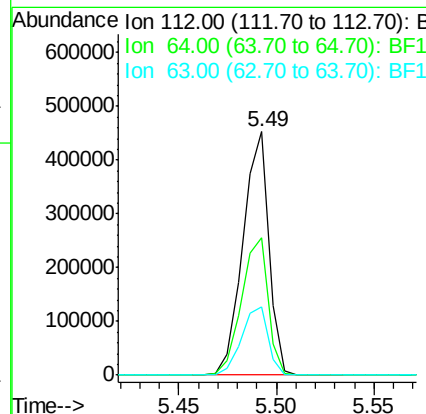
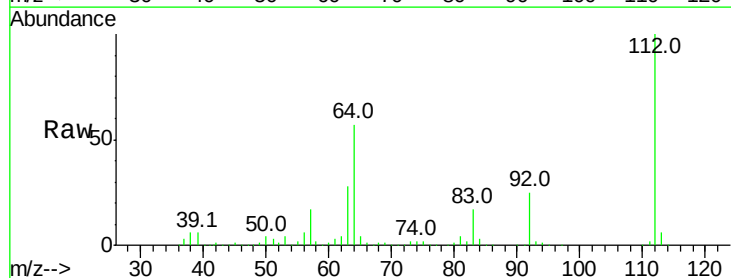
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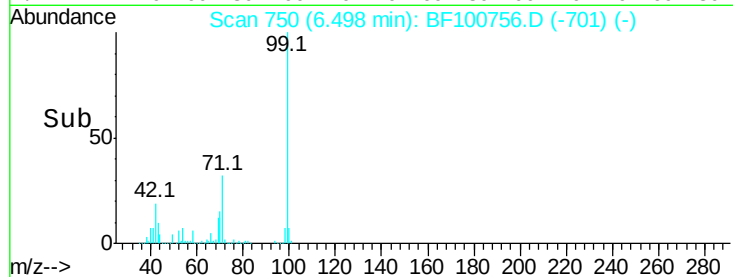
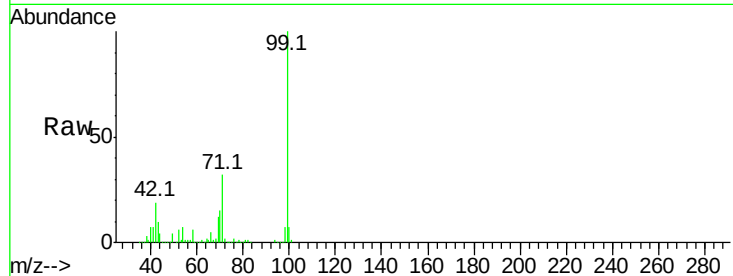
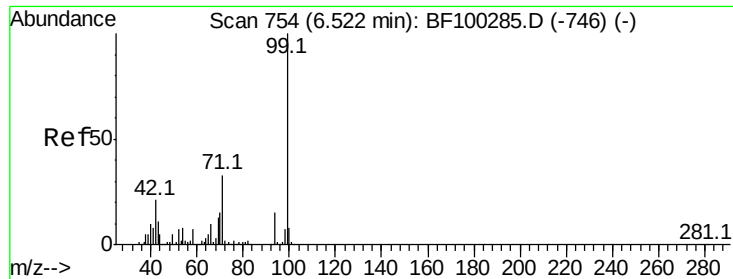


#5

2-Fluorophenol
Concen: 80.830 ng
RT: 5.49 min Scan# 579
Delta R.T. -0.00 min
Lab File: BF100756.D
Acq: 21 Nov 2017 3:01

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.6	47.9	71.9
63	28.2	23.7	35.5





#7

Phenol-d6

Concen: 77.353 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.01 min

Lab File: BF100756.D

Acq: 21 Nov 2017 3:01

Tot Ion:	99	Resp:	492724
Ion Ratio	Lower	Upper	
99	100		
42	18.6	14.5	21.7
71	32.3	25.4	38.0

Instrument :

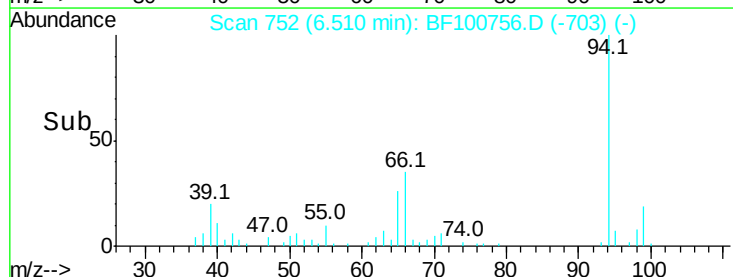
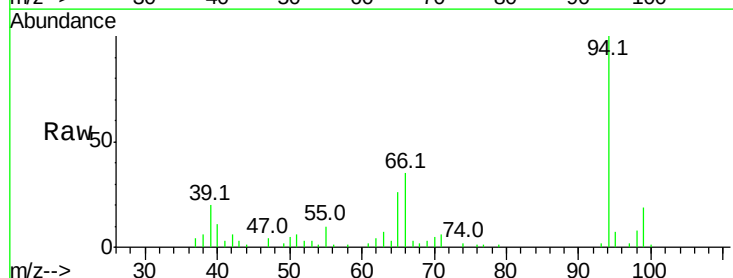
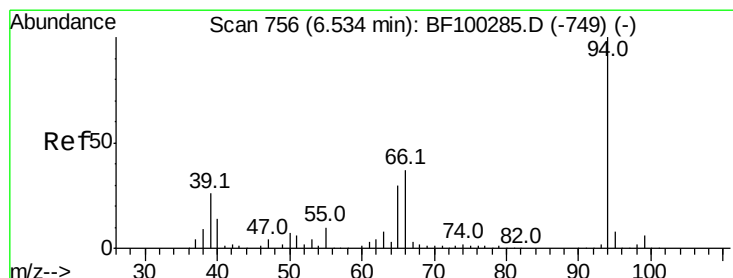
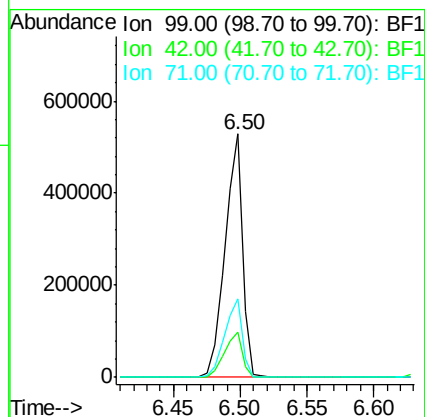
BNA_F

ClientSampleId :

NB-08-111717

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#10

Phenol

Concen: 3.346 ng

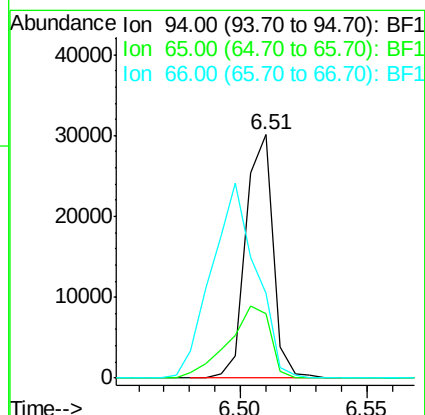
RT: 6.51 min Scan# 752

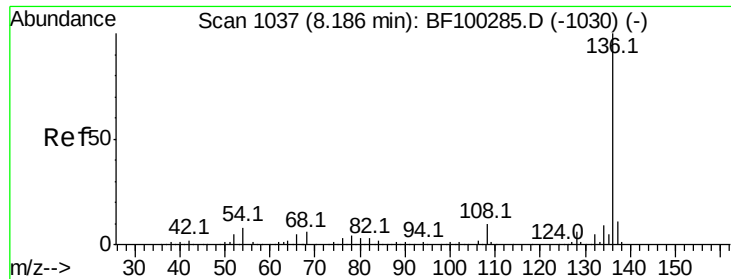
Delta R.T. -0.01 min

Lab File: BF100756.D

Acq: 21 Nov 2017 3:01

Tgt Ion:	94	Resp:	22373
Ion Ratio	Lower	Upper	
94	100		
65	26.3	7.9	47.9
66	34.8	16.2	56.2





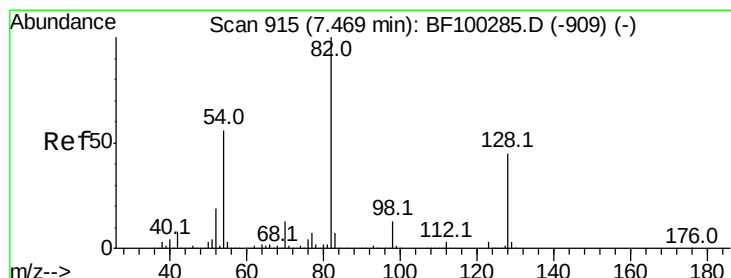
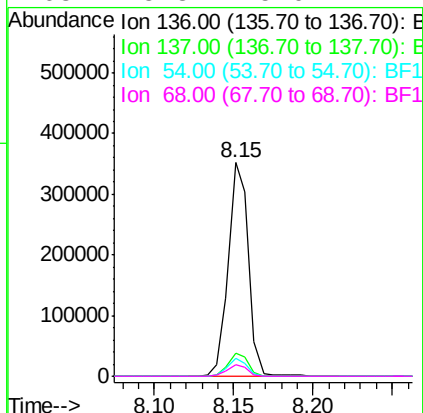
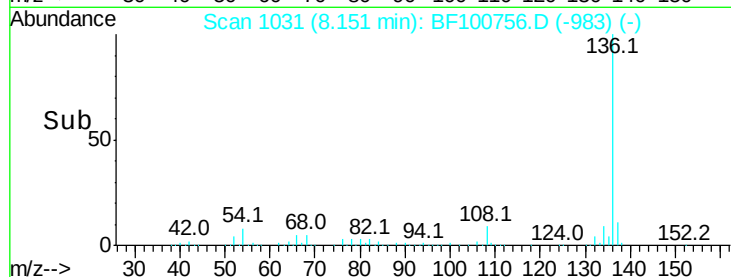
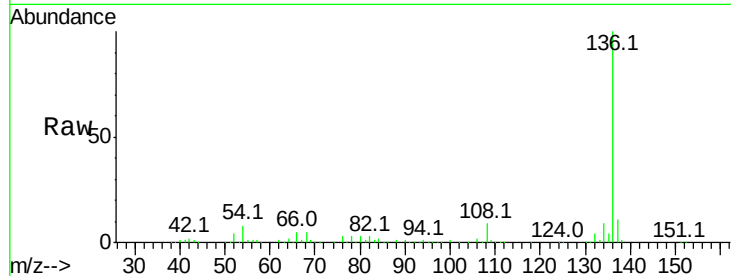
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.15 min Scan# 1031
Delta R.T. -0.02 min
Lab File: BF100756.D
Acq: 21 Nov 2017 3:01

Instrument :
BNA_F
ClientSampleId :
NB-08-111717

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.7	8.9	13.3	
54	8.3	6.6	9.8	
68	5.3	5.0	7.4	

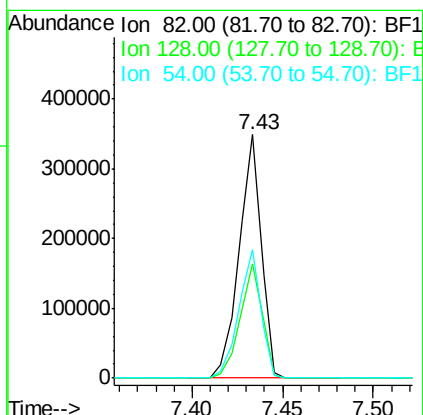
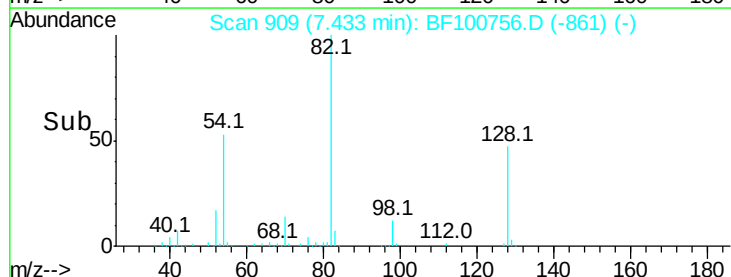
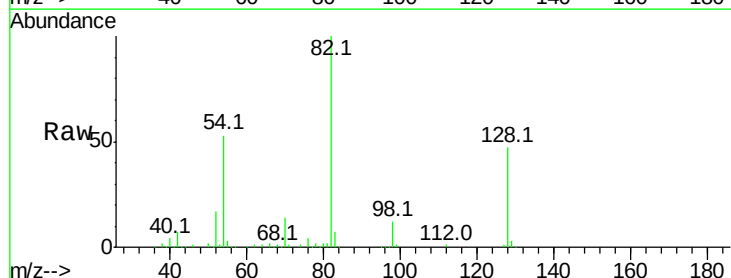
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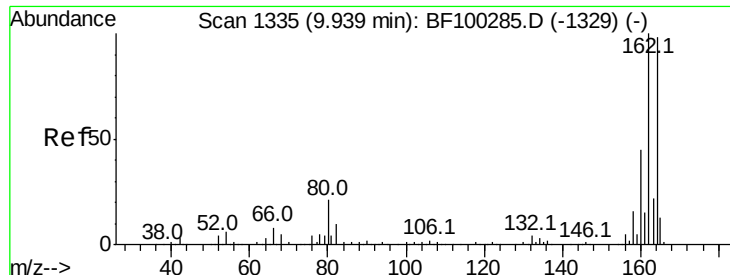
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#23
Nitrobenzene-d5
Concen: 63.511 ng
RT: 7.43 min Scan# 909
Delta R.T. -0.02 min
Lab File: BF100756.D
Acq: 21 Nov 2017 3:01

Tgt Ion	Ratio	Resp	Lower	Upper
82	100			
128	46.9	36.1	54.1	
54	52.8	41.4	62.2	





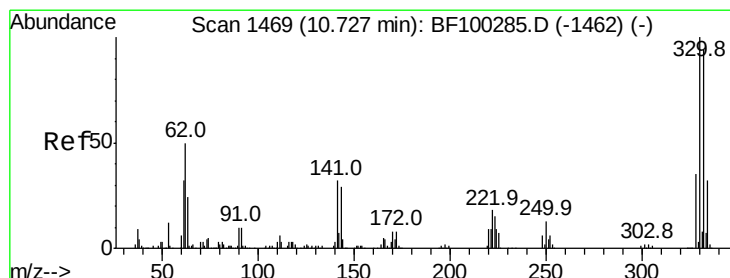
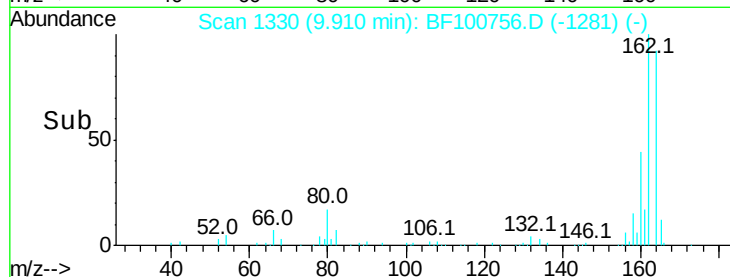
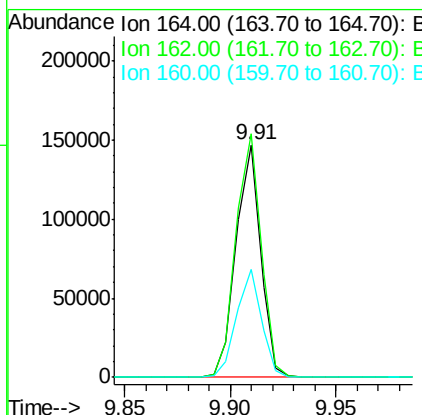
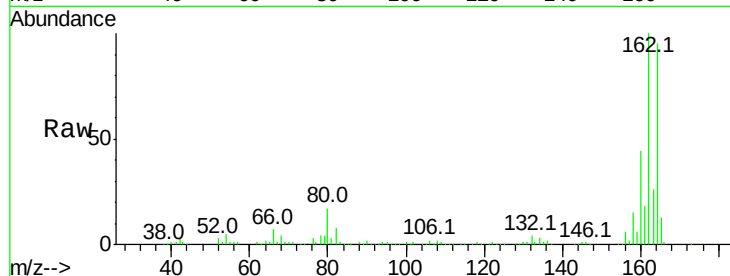
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.91 min Scan# 1330
Delta R.T. -0.01 min
Lab File: BF100756.D
Acq: 21 Nov 2017 3:01

Instrument :
BNA_F
ClientSampleId :
NB-08-111717

Tot Ion	Ratio	Lower	Upper
164	100		
162	104.8	86.1	129.1
160	46.3	38.3	57.5

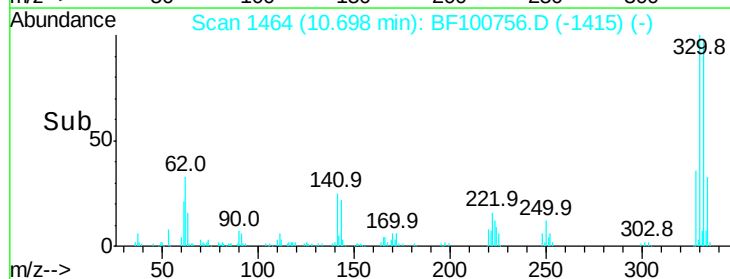
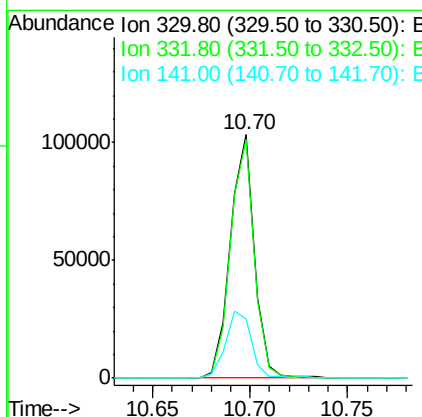
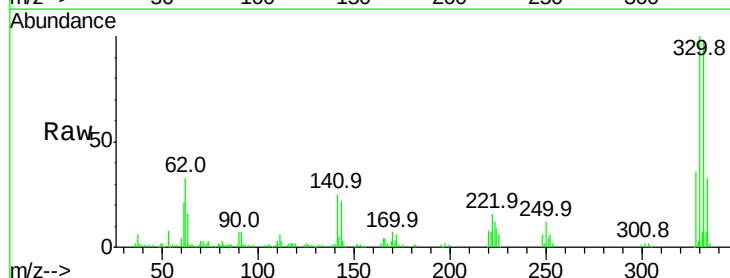
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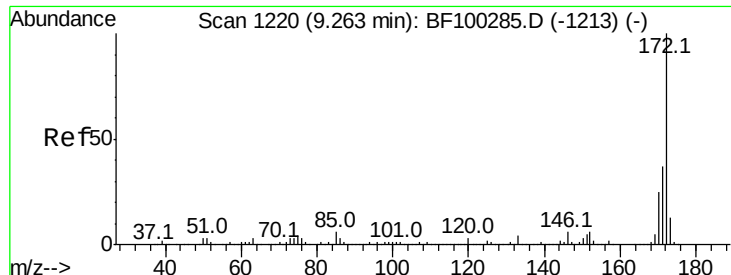
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#41
2,4,6-Tribromophenol
Concen: 73.190 ng
RT: 10.70 min Scan# 1464
Delta R.T. -0.01 min
Lab File: BF100756.D
Acq: 21 Nov 2017 3:01

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





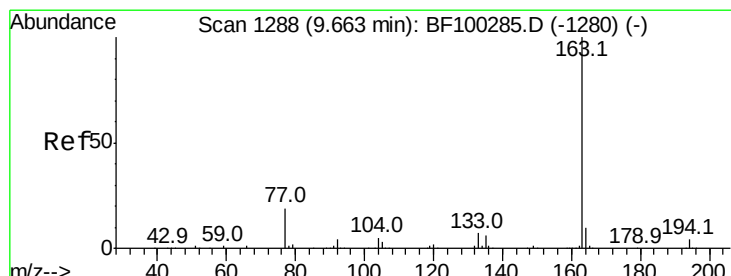
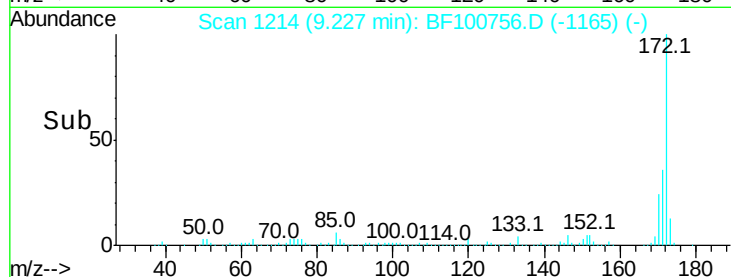
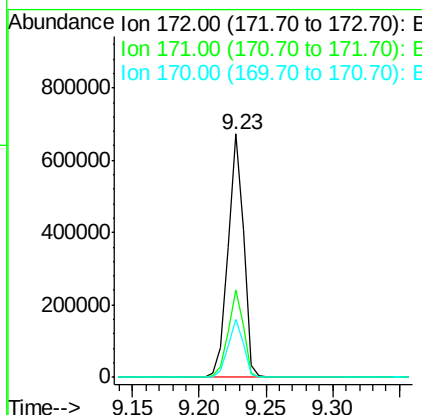
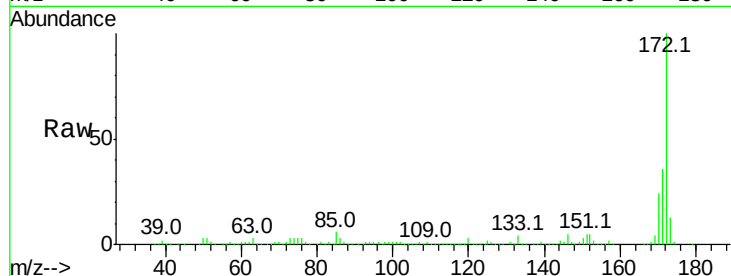
#44
2-Fluorobiphenyl
Concen: 71.618 ng
RT: 9.23 min Scan# 1214
Delta R.T. -0.01 min
Lab File: BF100756.D
Acq: 21 Nov 2017 3:01

Instrument :
BNA_F
ClientSampleId :
NB-08-111717

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.8	29.7	44.5
170	23.9	19.6	29.4

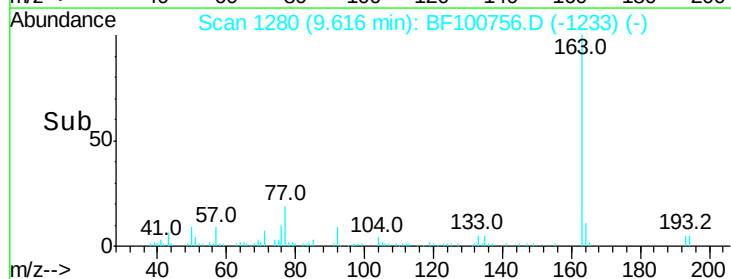
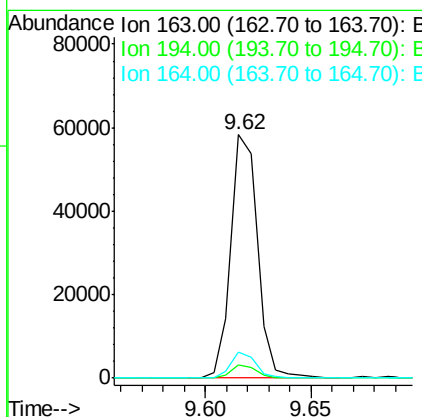
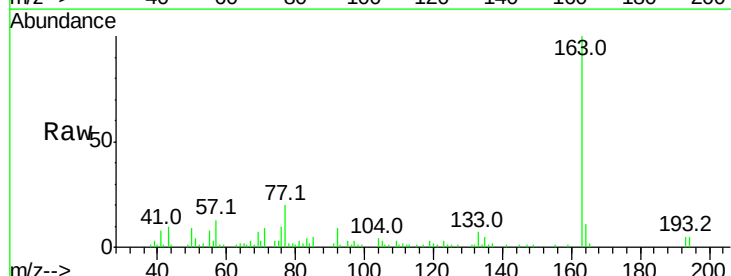
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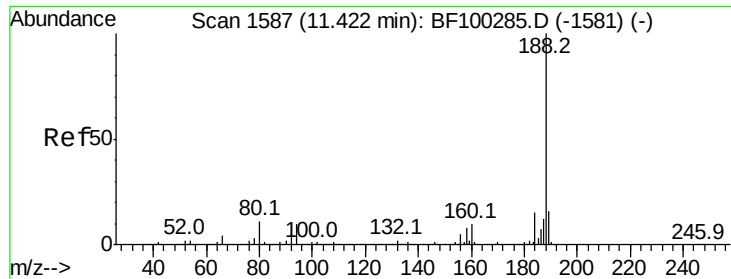
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#49
Dimethylphthalate
Concen: 5.624 ng
RT: 9.62 min Scan# 1280
Delta R.T. -0.02 min
Lab File: BF100756.D
Acq: 21 Nov 2017 3:01

Tgt Ion	Ratio	Lower	Upper
163	100		
194	5.2	2.7	4.1#
164	10.8	8.2	12.2





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.39 min Scan# 1582

Delta R.T. -0.01 min

Lab File: BF100756.D

Acq: 21 Nov 2017 3:01

Instrument :

BNA_F

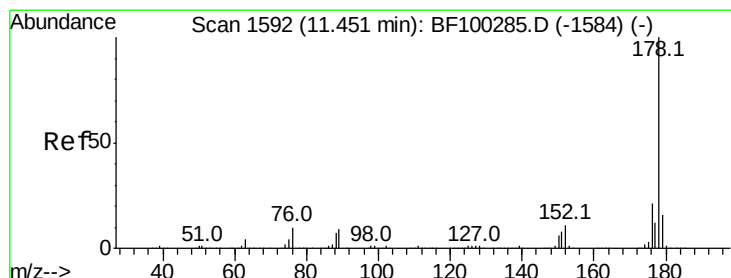
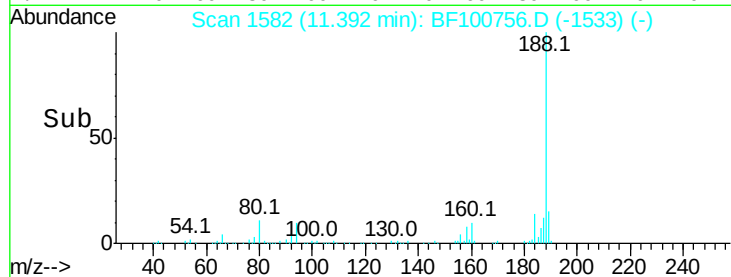
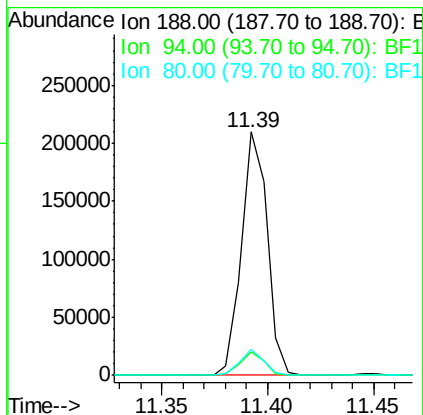
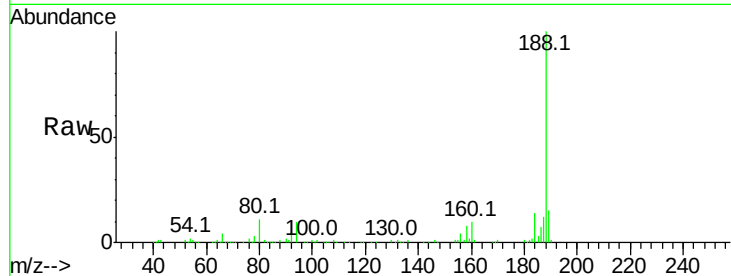
ClientSampleId :

NB-08-111717

Tot Ion:	188	Resp:	177171
Ion Ratio	Lower	Upper	
188	100		
94	9.6	8.5	12.7
80	10.6	9.2	13.8

Manual Integrations
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#70

Phenanthrene

Concen: 3.679 ng

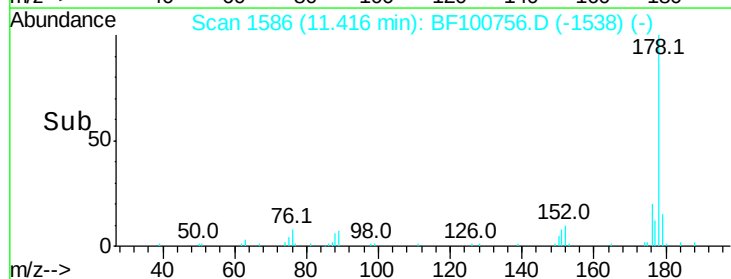
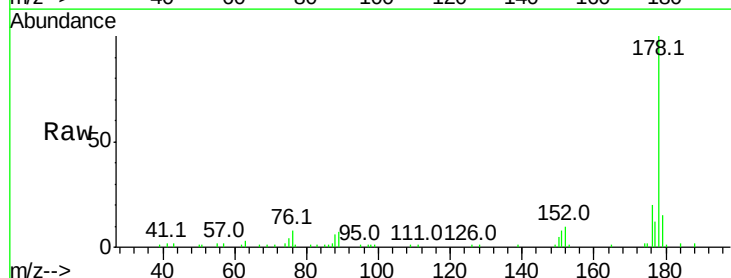
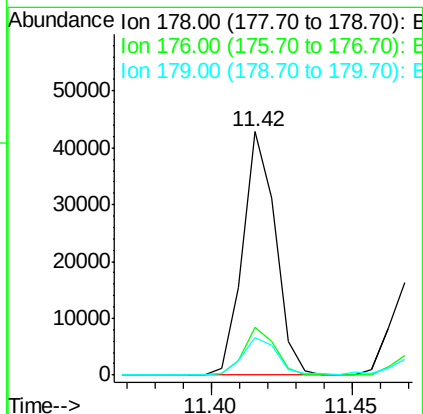
RT: 11.42 min Scan# 1586

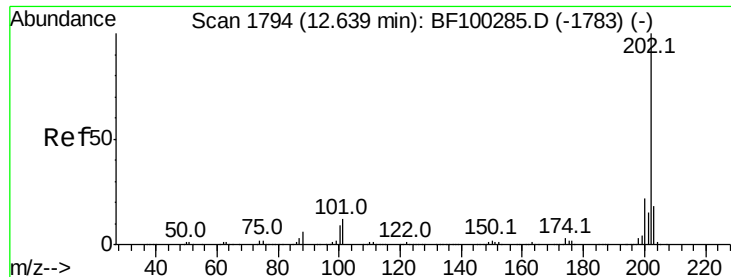
Delta R.T. -0.02 min

Lab File: BF100756.D

Acq: 21 Nov 2017 3:01

Tgt Ion:	178	Resp:	34323
Ion Ratio	Lower	Upper	
178	100		
176	19.8	15.8	23.8
179	15.3	13.0	19.6





#74

Fluoranthene

Concen: 6.950 ng

RT: 12.60 min Scan# 1788

Delta R.T. -0.02 min

Lab File: BF100756.D

Acq: 21 Nov 2017 3:01

Instrument :

BNA_F

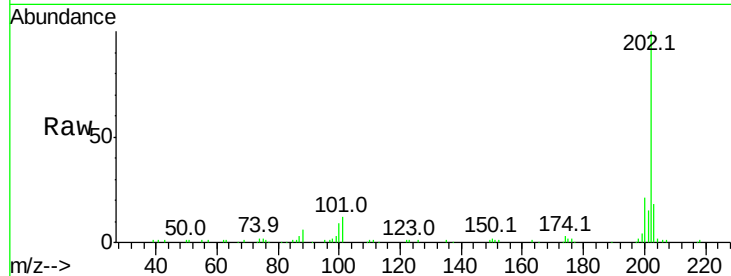
ClientSampleId :

NB-08-111717

Tot Ion:	202	Resp:	68710
Ion Ratio	Lower	Upper	
202	100		
101	11.7	0.0	34.1
203	18.3	0.0	38.1

Manual Integrations
APPROVED

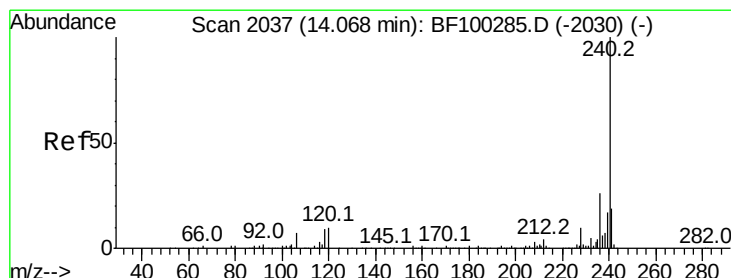
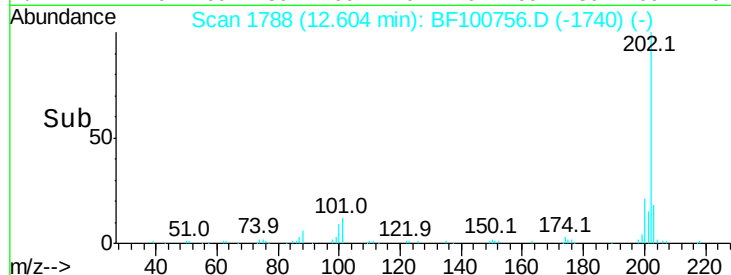
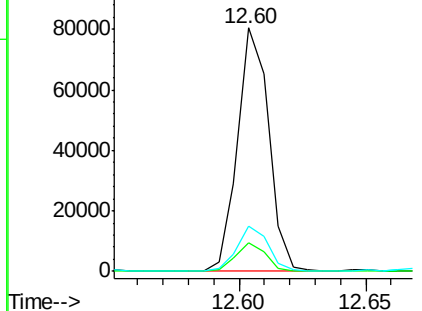
SOHIL
11/21/2017 2:16:39 PM



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

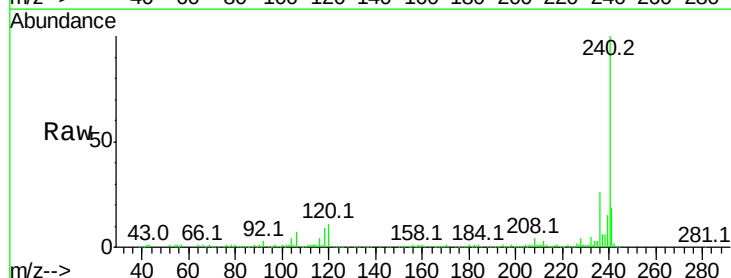
RT: 14.03 min Scan# 2031

Delta R.T. -0.01 min

Lab File: BF100756.D

Acq: 21 Nov 2017 3:01

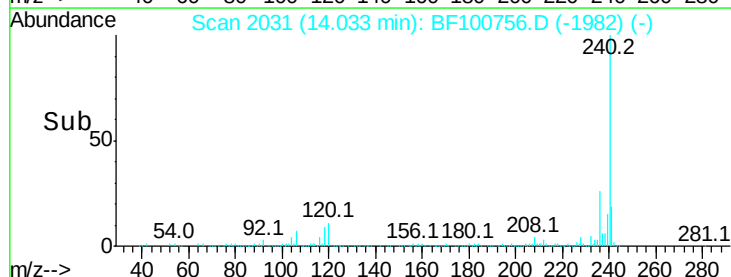
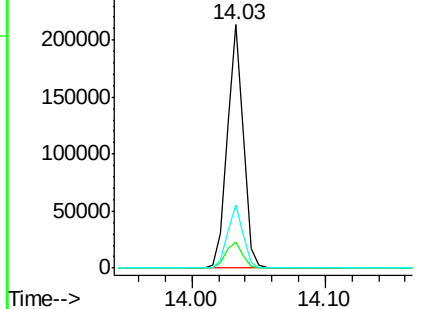
Tgt Ion:	240	Resp:	181611
Ion Ratio	Lower	Upper	
240	100		
120	10.8	9.5	14.3
236	25.7	20.7	31.1

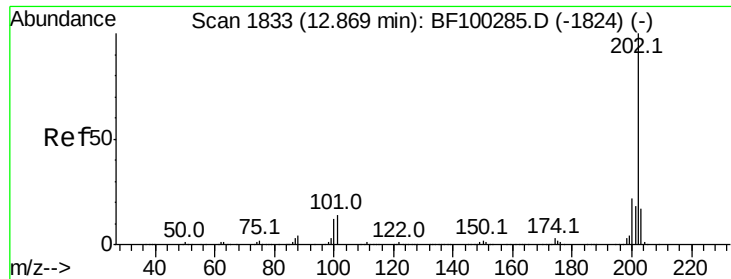


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Pvrene

Concen: 5.985 ng

RT: 12.83 min Scan# 1827

Delta R.T. -0.02 min

Lab File: BF100756.D

Acq: 21 Nov 2017 3:01

Instrument :

BNA_F

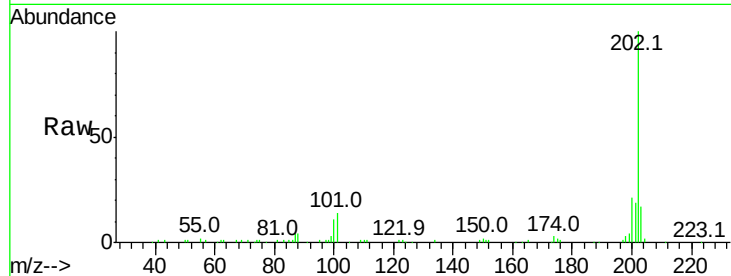
ClientSampleId :

NB-08-111717

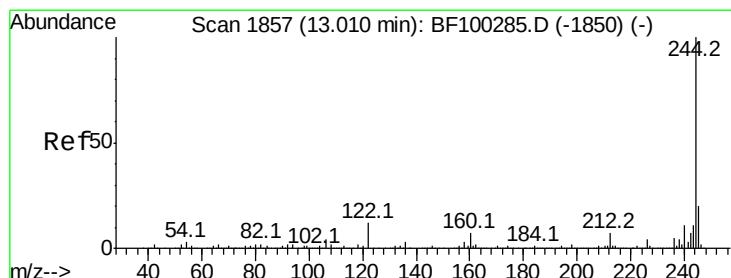
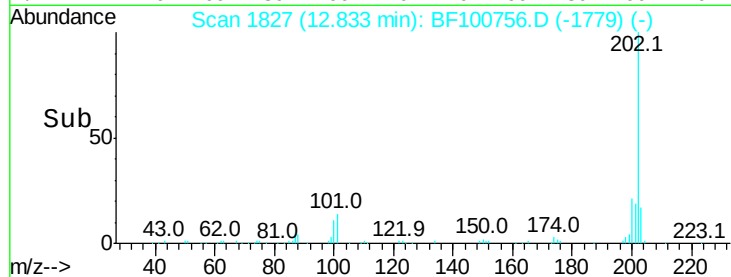
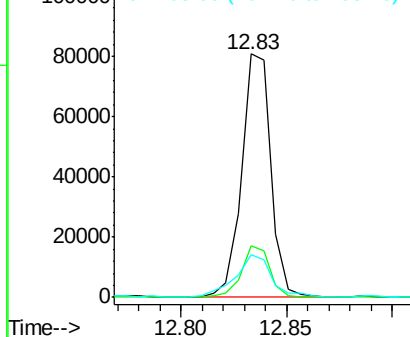
Tot Ion:	202	Resp:	77476
Ion Ratio	Lower	Upper	
202	100		
200	20.9	17.4	26.2
203	17.5	14.3	21.5

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Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 49.972 ng

RT: 12.97 min Scan# 1851

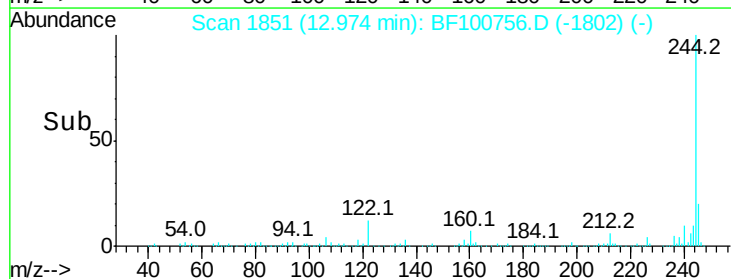
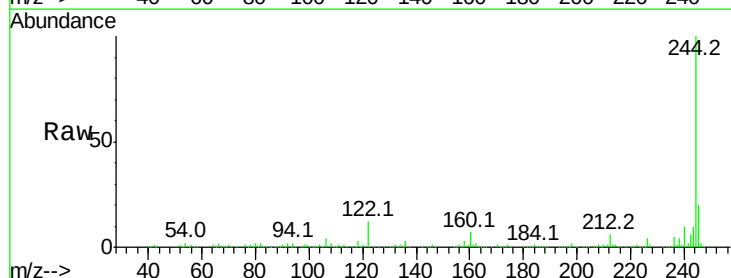
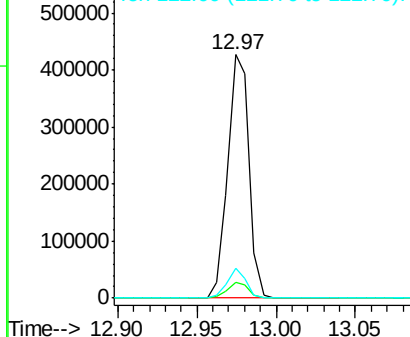
Delta R.T. -0.01 min

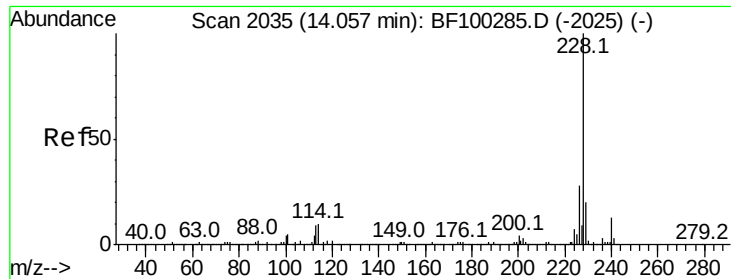
Lab File: BF100756.D

Acq: 21 Nov 2017 3:01

Tgt Ion:	244	Resp:	394981
Ion Ratio	Lower	Upper	
244	100		
212	6.4	5.4	8.0
122	12.2	11.0	16.4

Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E





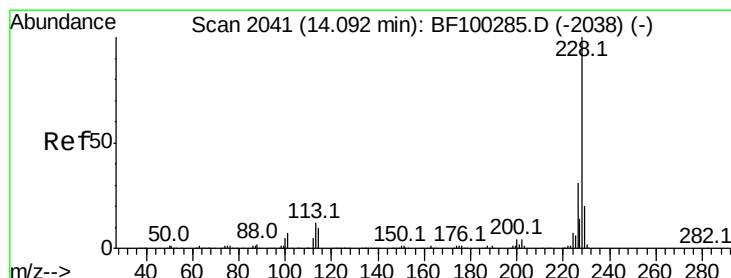
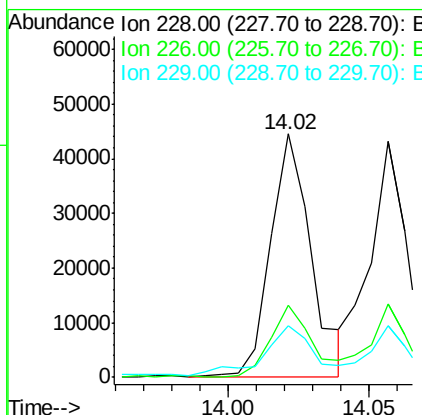
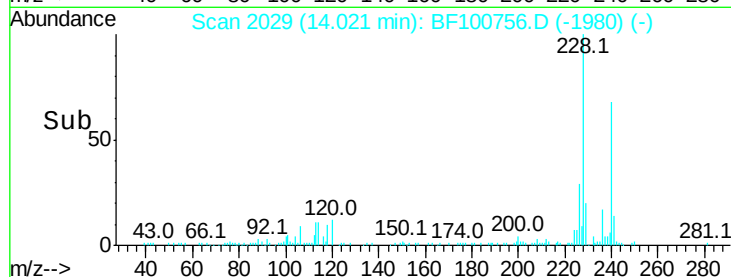
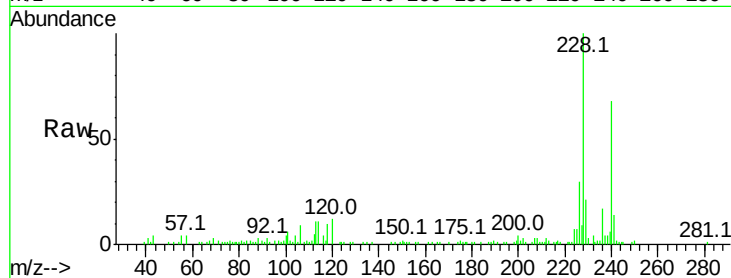
#80
Benzo(a)anthracene
Concen: 4.086 ng
RT: 14.02 min Scan# 2029
Delta R.T. -0.01 min
Lab File: BF100756.D
Acq: 21 Nov 2017 3:01

Instrument :
BNA_F
ClientSampleId :
NB-08-111717

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.6	22.6	33.8
229	21.3	15.8	23.6

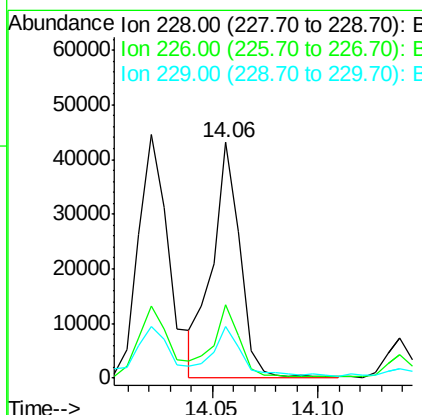
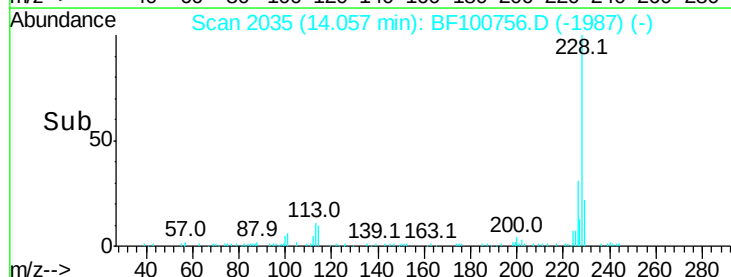
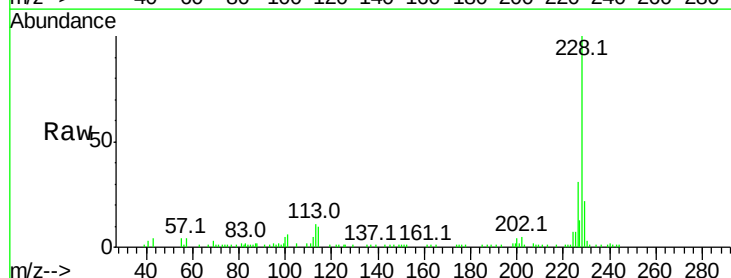
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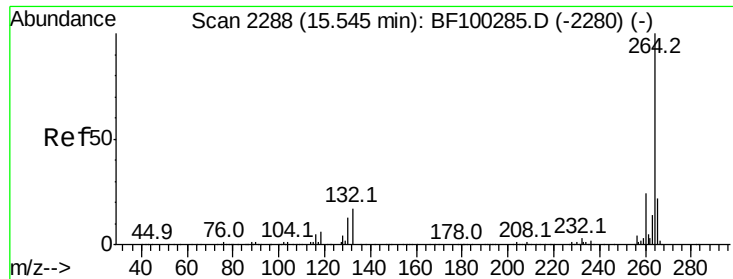
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#82
Chrysene
Concen: 3.757 ng
RT: 14.06 min Scan# 2035
Delta R.T. -0.02 min
Lab File: BF100756.D
Acq: 21 Nov 2017 3:01

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.1	25.0	37.6
229	21.9	16.2	24.4





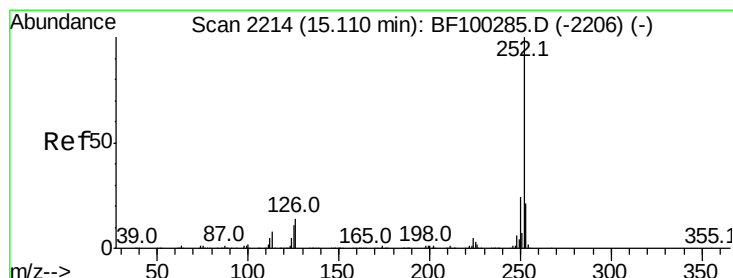
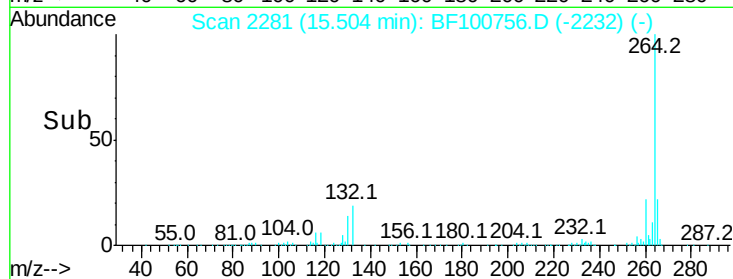
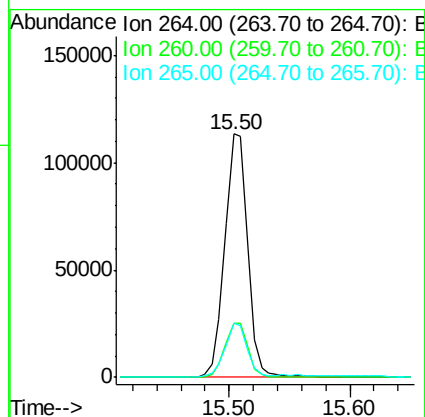
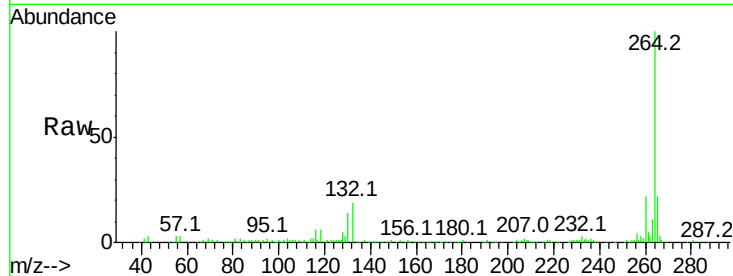
#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.50 min Scan# 2281
Delta R.T. -0.01 min
Lab File: BF100756.D
Acq: 21 Nov 2017 3:01

Instrument :
BNA_F
ClientSampleId :
NB-08-111717

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.5	19.2	28.8
265	22.1	17.5	26.3

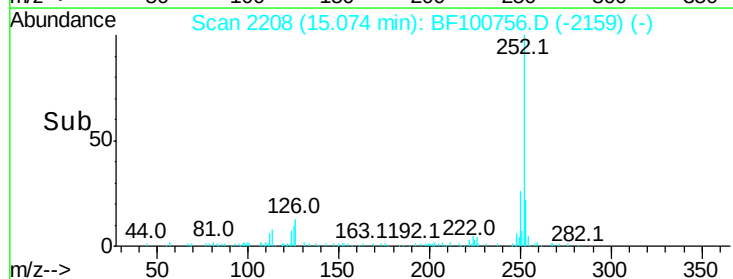
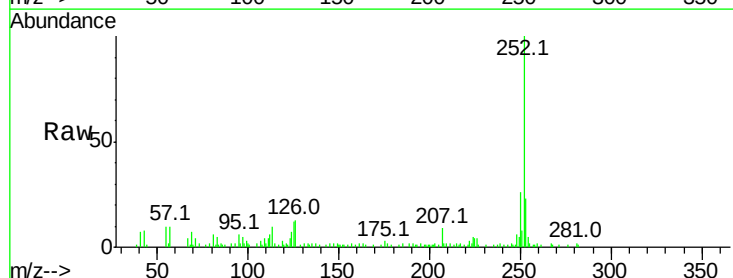
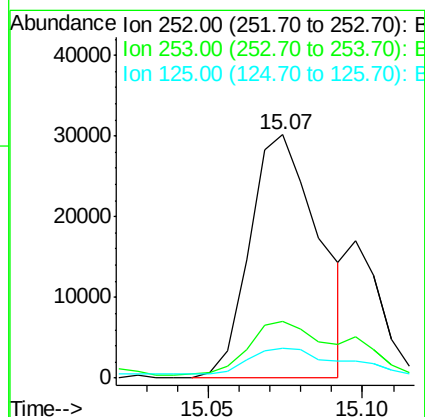
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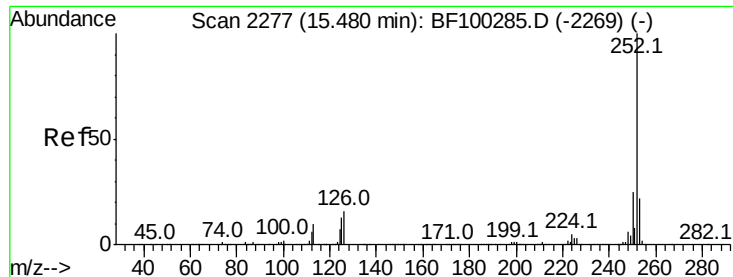
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#87
Benzo(b)fluoranthene
Concen: 5.348 ng m
RT: 15.07 min Scan# 2208
Delta R.T. -0.01 min
Lab File: BF100756.D
Acq: 21 Nov 2017 3:01

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.4	17.0	25.6
125	12.5	9.0	13.6





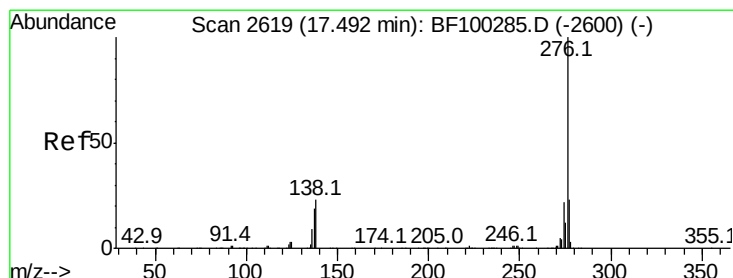
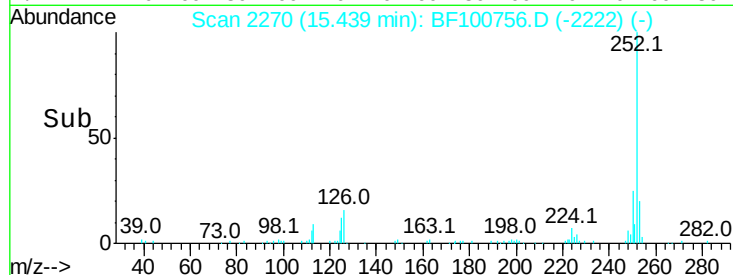
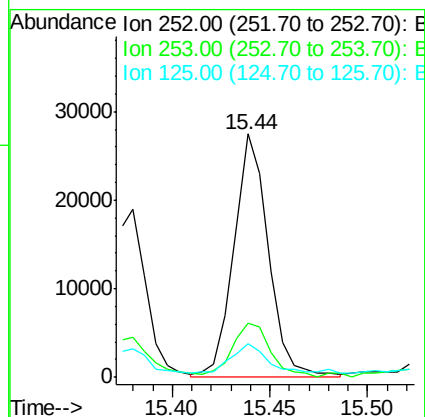
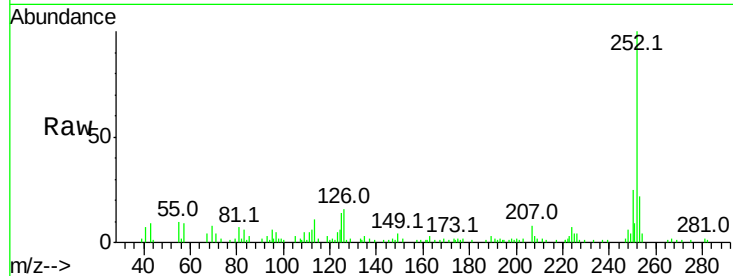
#89
Benzo(a)pyrene
Concen: 4.338 ng
RT: 15.44 min Scan# 2270
Delta R.T. -0.02 min
Lab File: BF100756.D
Acq: 21 Nov 2017 3:01

Instrument :
BNA_F
ClientSampleId :
NB-08-111717

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.1	25.7
125	13.9	9.8	14.6

Manual Integrations
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#91
Benzo(g,h,i)perylene
Concen: 2.493 ng
RT: 17.43 min Scan# 2608
Delta R.T. -0.03 min
Lab File: BF100756.D
Acq: 21 Nov 2017 3:01

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.8	17.9	26.9
138	19.4	21.8	32.8#

