

Data Path : U:\HPCHEM1\BNA F\DATA\BF020518\
 Data File : BF102756.D
 Acq On : 6 Feb 2018 00:23
 Operator : SJ/JU
 Sample : J1447-05
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 A2 SB45 BOT-S 8.5

Manual Integrations
 APPROVED

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Quant Time: Feb 06 02:48:01 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 05 12:44:16 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	195783	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	808732	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	350342	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	538895	20.00	ng	0.00
75) Chrysene-d12	14.04	240	324356	20.00	ng	0.00
86) Perylene-d12	15.52	264	311031	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	1305262	101.25	ng	0.00
7) Phenol-d6	6.50	99	1522939	98.11	ng	0.00
23) Nitrobenzene-d5	7.44	82	948972	81.40	ng	-0.01
41) 2,4,6-Tribromophenol	10.71	330	279039	98.96	ng	0.00
44) 2-Fluorobiphenyl	9.24	172	1375387	65.14	ng	0.00
78) Terphenyl-d14	12.99	244	877120	64.03	ng	0.00
Target Compounds						
10) Phenol	6.52	94	76661	4.608	ng	98
31) Naphthalene	8.18	128	129525	3.278	ng	99
32) Benzoic acid	7.92	122	4380m	9.072	ng	
49) Dimethylphthalate	9.63	163	223125	8.168	ng	99
70) Phenanthrene	11.43	178	76938	2.563	ng	98
74) Fluoranthene	12.62	202	120142	3.979	ng	99
77) Pyrene	12.85	202	105900	4.164	ng	97
87) Benzo(b)fluoranthene	15.09	252	54392m	2.697	ng	

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

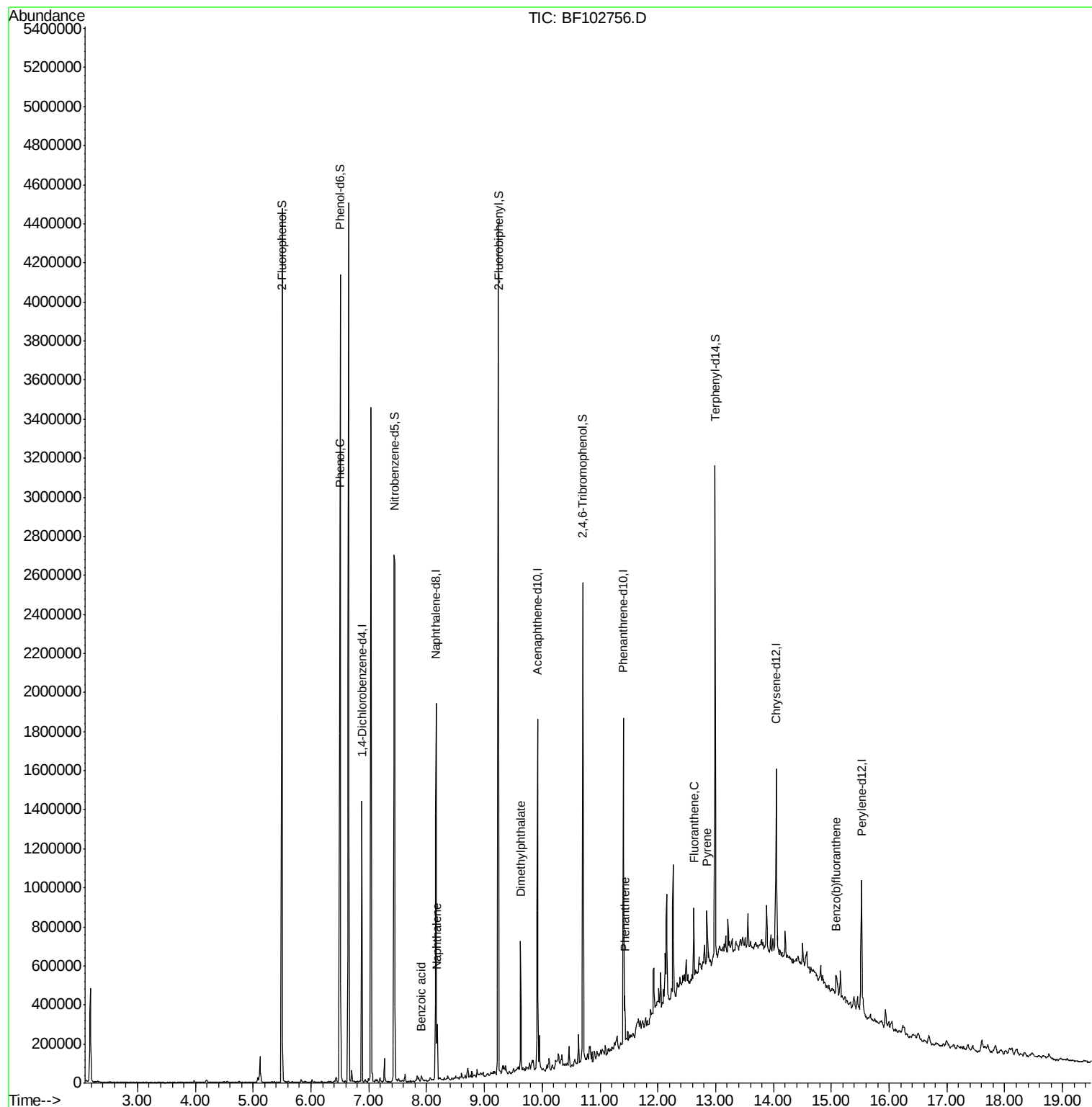
Data Path : U:\HPCHEM1\BNA F\DATA\BF020518\
Data File : BF102756.D
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Misc :
ALS Vial : 29 Sample Multiplier: 1

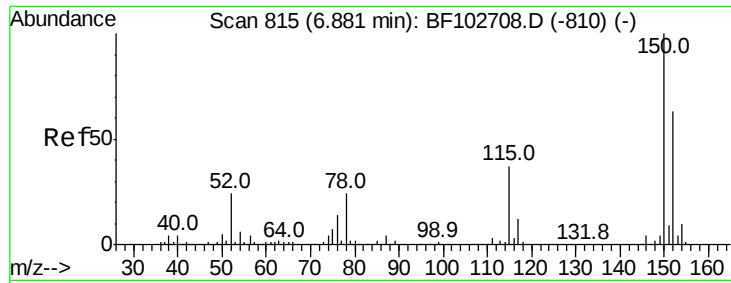
Instrument :
BNA_F
ClientSampleId :
A2 SB45 BOT-S 8.5

Manual Integrations
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#1

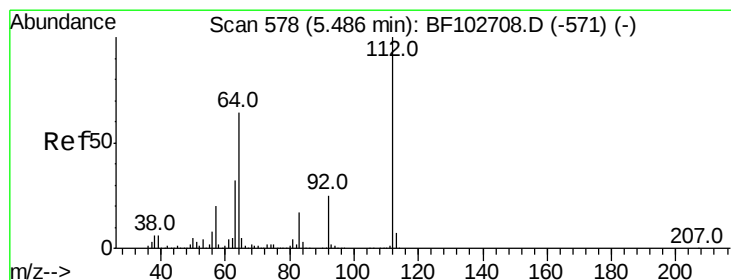
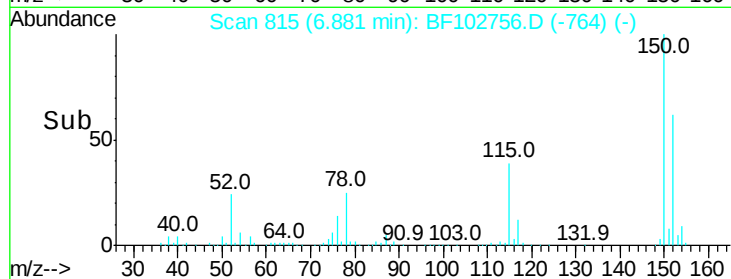
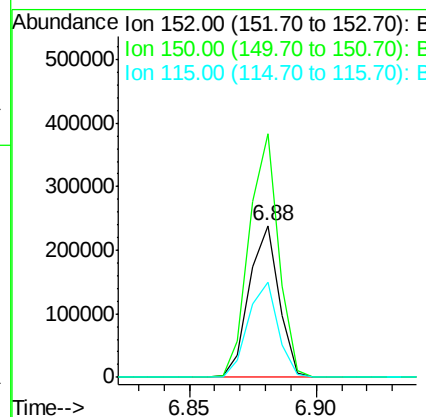
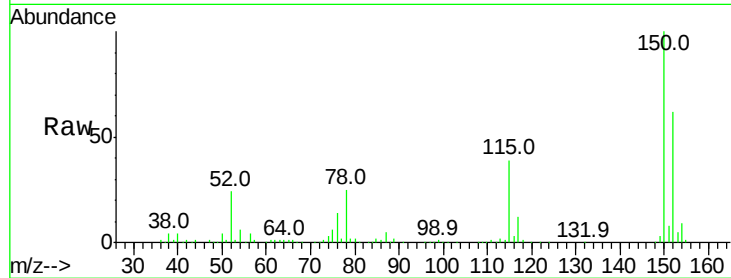
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.88 min Scan# 815
Delta R.T. 0.00 min
Lab File: BF102756.D
Acq: 6 Feb 2018 00:23

Instrument :
BNA_F
ClientSampleId :
A2 SB45 BOT-S 8.5

Tot Ion	Ratio	Lower	Upper
152	100		
150	160.1	124.6	186.8
115	62.7	50.1	75.1

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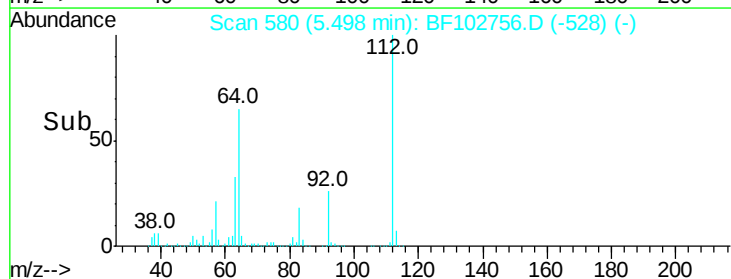
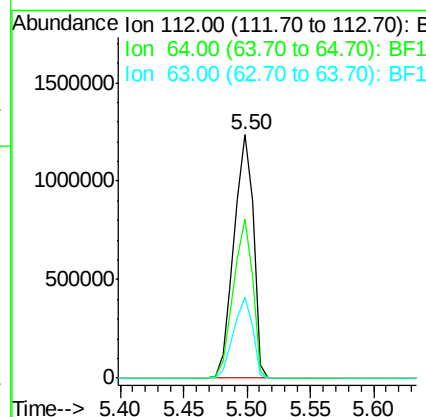
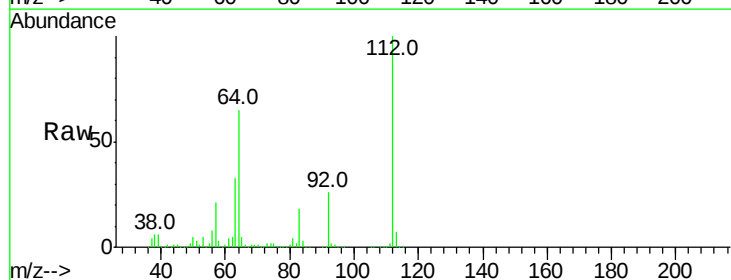
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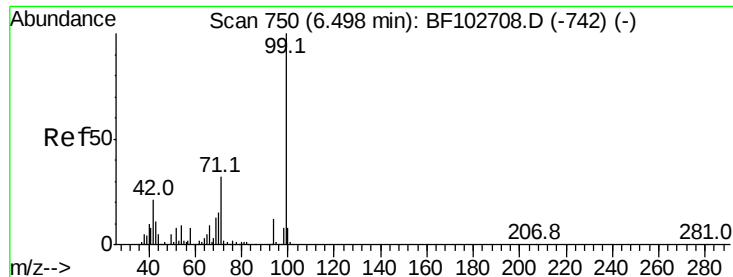


#5

2-Fluorophenol
Concen: 101.248 ng
RT: 5.50 min Scan# 580
Delta R.T. 0.01 min
Lab File: BF102756.D
Acq: 6 Feb 2018 00:23

Tgt Ion	Ratio	Lower	Upper
112	100		
64	65.2	47.9	71.9
63	33.4	23.7	35.5





#7

Phenol-d6

Concen: 98.111 ng

RT: 6.50 min Scan# 751

Delta R.T. 0.00 min

Lab File: BF102756.D

Acq: 6 Feb 2018 00:23

Instrument :

BNA_F

ClientSampleId :

A2 SB45 BOT-S 8.5

Tot Ion: 99 Resp: 1522939

Ion Ratio Lower Upper

99 100

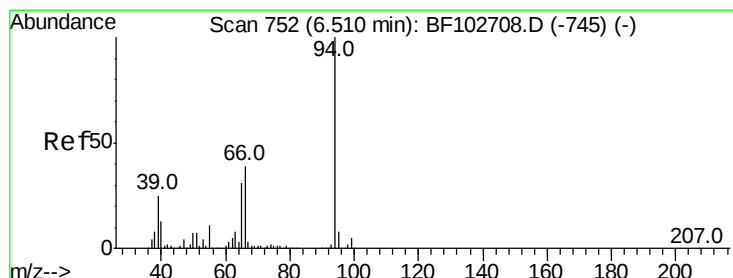
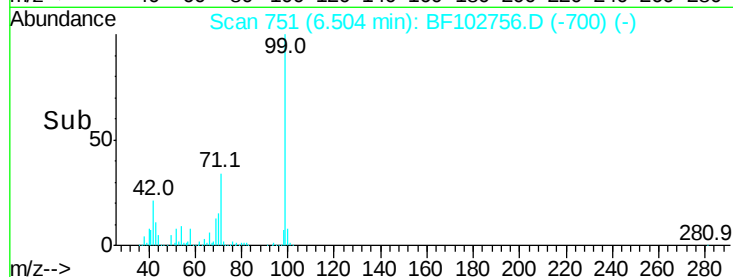
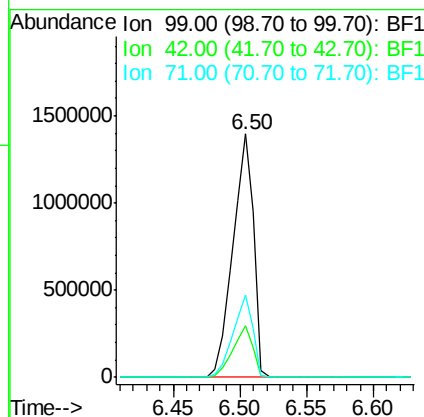
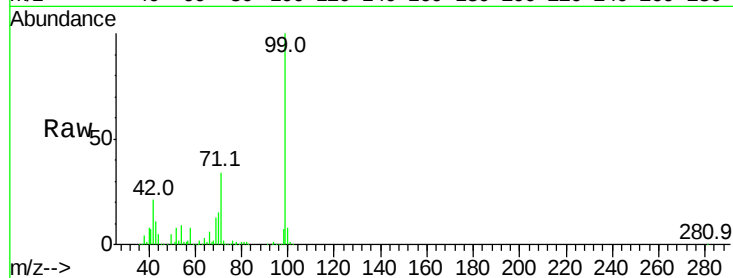
42 21.0 14.5 21.7

71 33.8 25.4 38.0

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#10

Phenol

Concen: 4.608 ng

RT: 6.52 min Scan# 753

Delta R.T. -0.01 min

Lab File: BF102756.D

Acq: 6 Feb 2018 00:23

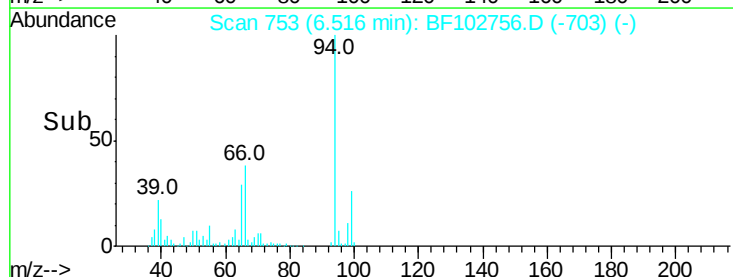
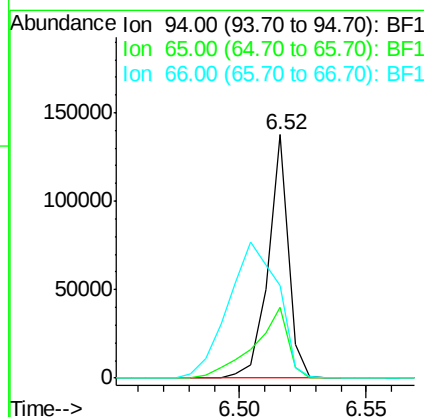
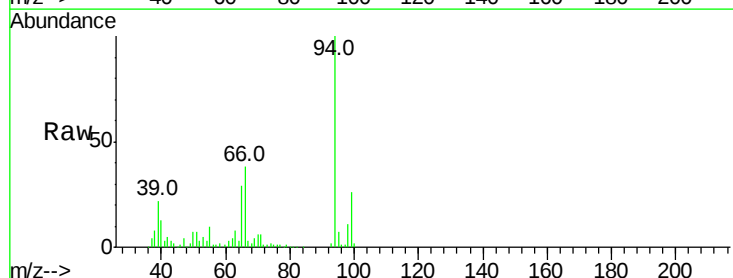
Tgt Ion: 94 Resp: 76661

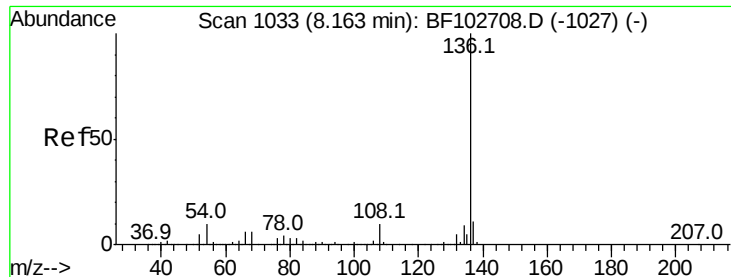
Ion Ratio Lower Upper

94 100

65 29.0 7.9 47.9

66 37.8 16.2 56.2





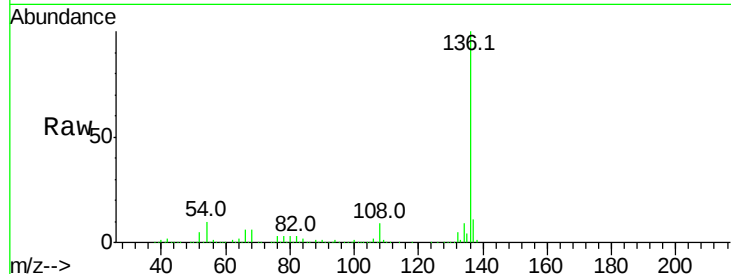
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.16 min Scan# 1033
Delta R.T. -0.01 min
Lab File: BF102756.D
Acq: 6 Feb 2018 00:23

Instrument :
BNA_F
ClientSampleId :
A2 SB45 BOT-S 8.5

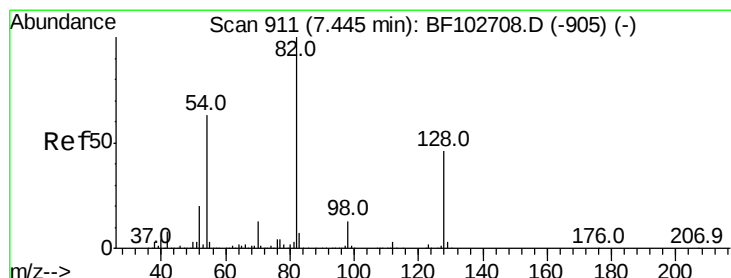
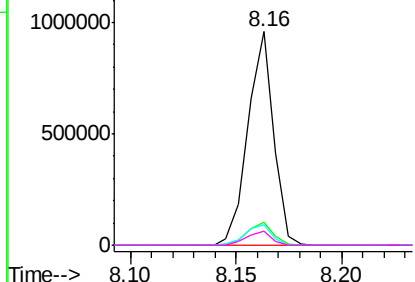
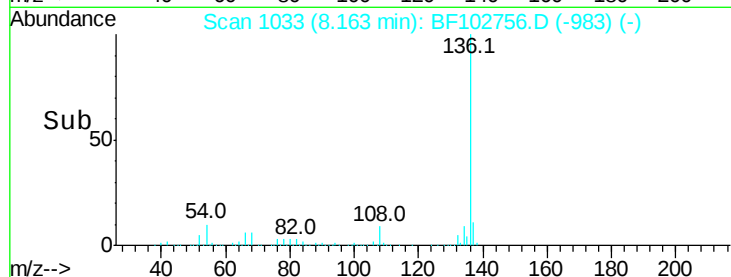
Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.1	8.9	13.3	
54	9.7	6.6	9.8	
68	6.4	5.0	7.4	

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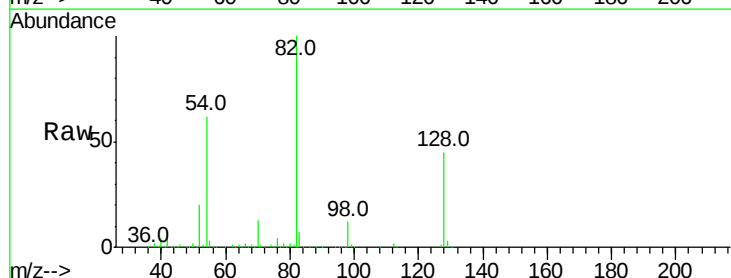


Abundance Ion 136.00 (135.70 to 136.70): E
1500000
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

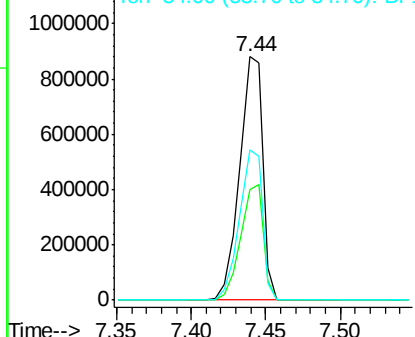
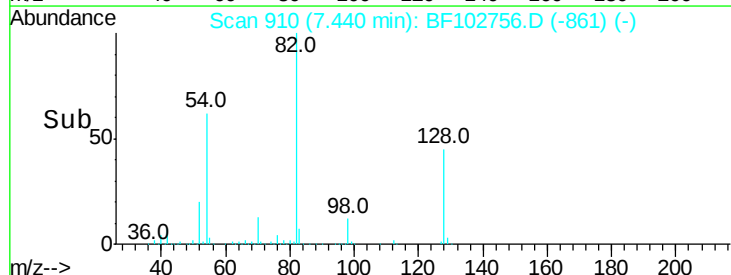


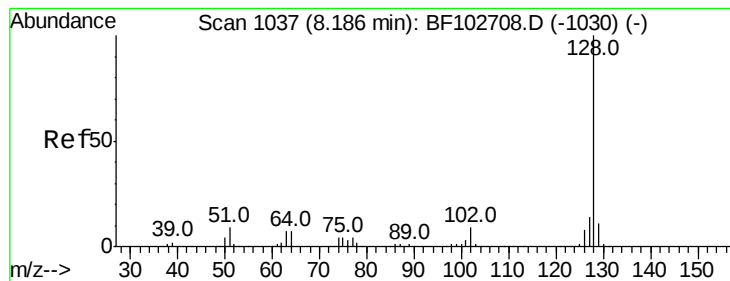
#23
Nitrobenzene-d5
Concen: 81.400 ng
RT: 7.44 min Scan# 910
Delta R.T. -0.01 min
Lab File: BF102756.D
Acq: 6 Feb 2018 00:23

Tgt Ion	Ratio	Resp	Lower	Upper
82	100			
128	45.4	36.1	54.1	
54	61.6	41.4	62.2	



Abundance Ion 82.00 (81.70 to 82.70): BF1
1200000
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1





#31

Naphthalene

Concen: 3.278 ng

RT: 8.18 min Scan# 1036

Delta R.T. -0.01 min

Lab File: BF102756.D

Acq: 6 Feb 2018 00:23

Instrument :

BNA_F

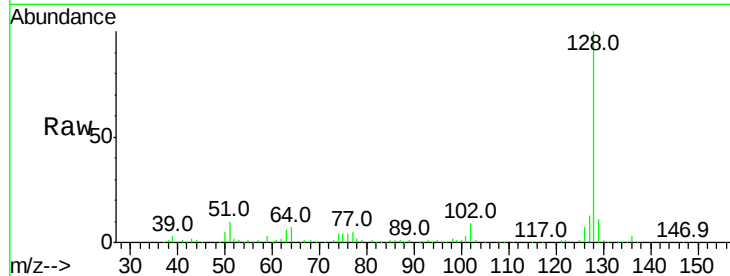
ClientSampleId :

A2 SB45 BOT-S 8.5

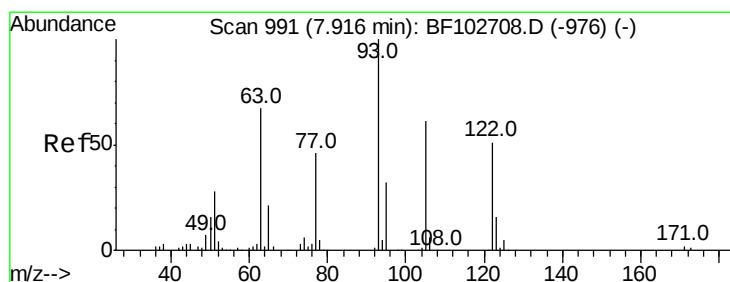
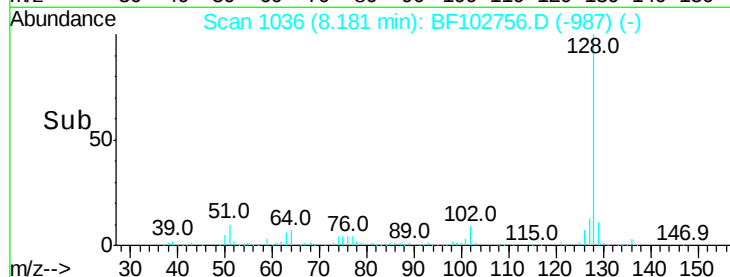
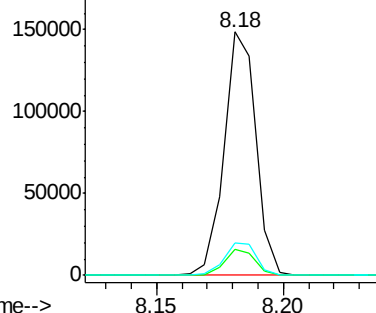
Tot Ion:128	Resp:	129525
Ion Ratio	Lower	Upper
128 100		
129 10.9	8.8	13.2
127 13.1	10.9	16.3

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Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 9.072 ng m

RT: 7.92 min Scan# 991

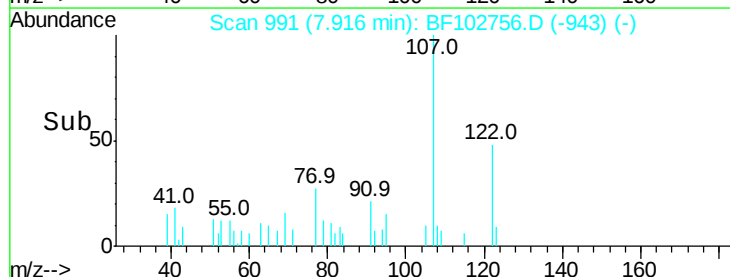
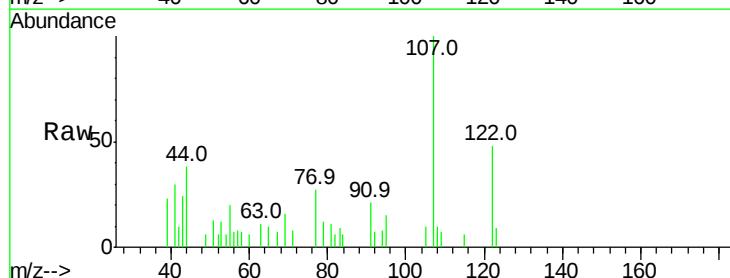
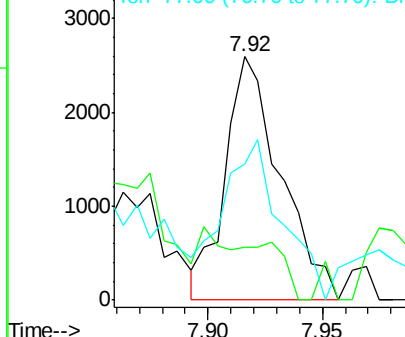
Delta R.T. -0.02 min

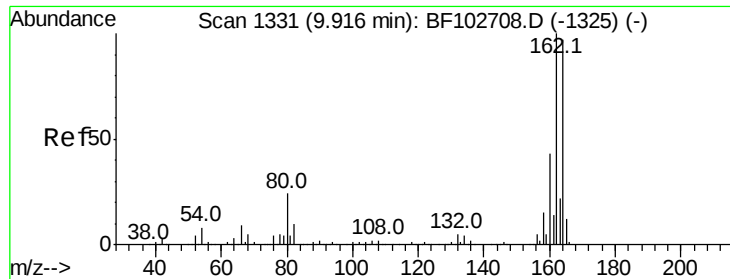
Lab File: BF102756.D

Acq: 6 Feb 2018 00:23

Tgt Ion:122	Resp:	4380
Ion Ratio	Lower	Upper
122 100		
105 21.6	101.1	141.1#
77 56.1	70.7	110.7#

Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF1





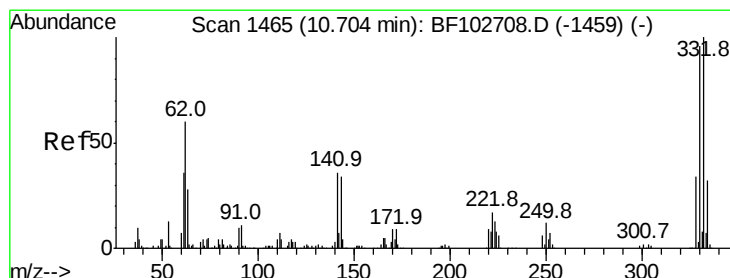
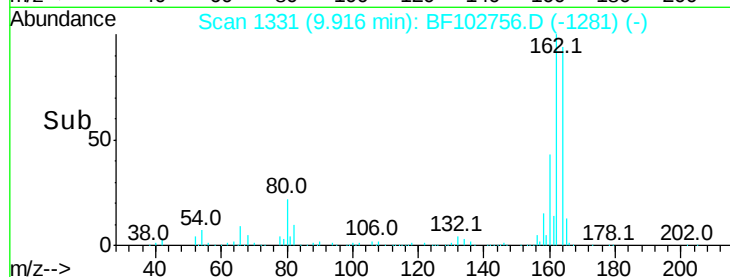
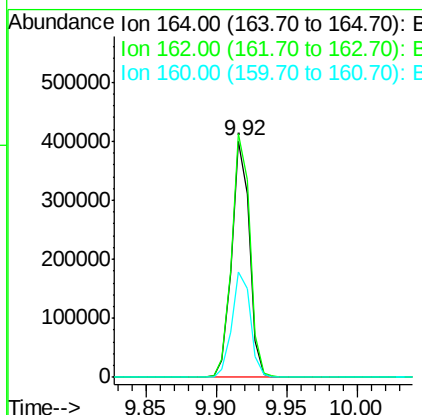
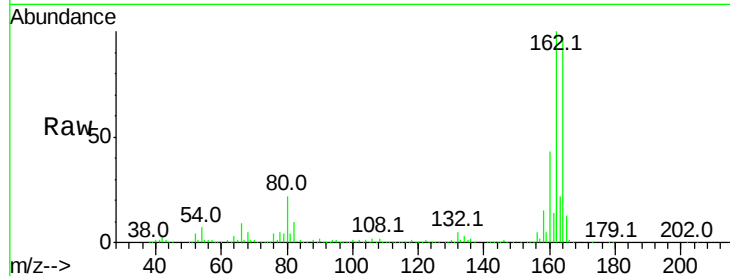
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.92 min Scan# 1331
 Delta R.T. -0.01 min
 Lab File: BF102756.D
 Acq: 6 Feb 2018 00:23

Instrument :
 BNA_F
 ClientSampleId :
 A2 SB45 BOT-S 8.5

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	103.0	86.1	129.1	
160	44.6	38.3	57.5	

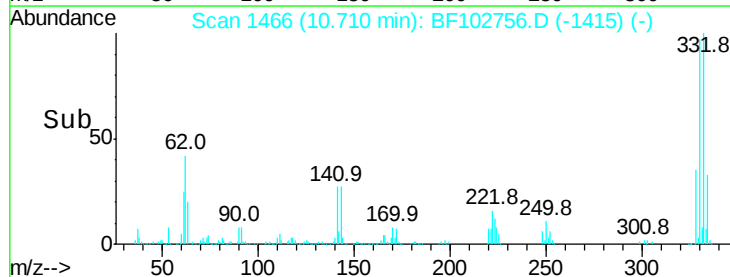
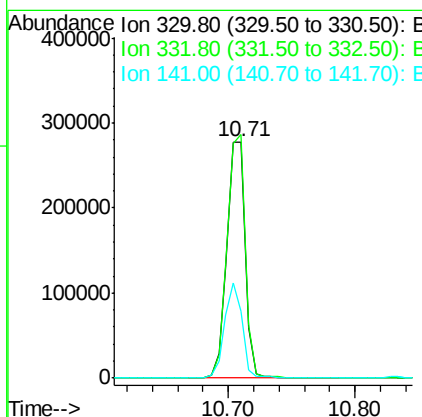
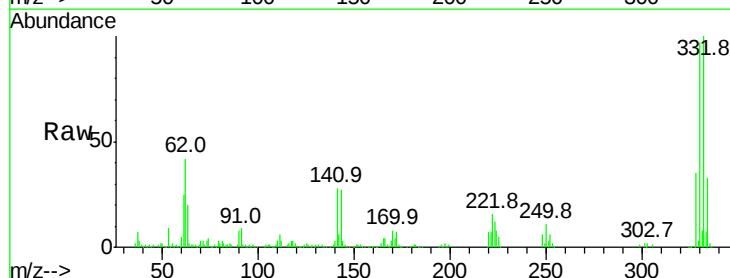
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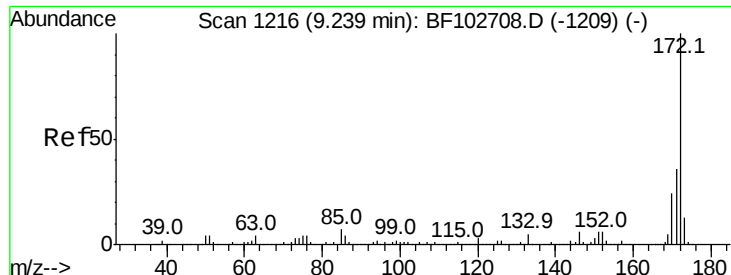
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#41
 2,4,6-Tribromophenol
 Concen: 98.955 ng
 RT: 10.71 min Scan# 1466
 Delta R.T. 0.00 min
 Lab File: BF102756.D
 Acq: 6 Feb 2018 00:23

Tgt Ion	Ratio	Resp	Lower	Upper
330	100			
332	101.4	77.0	115.6	
141	39.1	29.9	44.9	





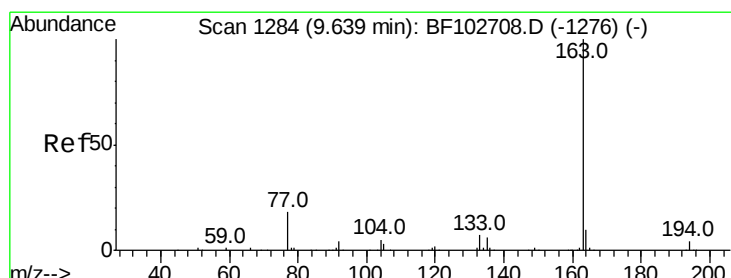
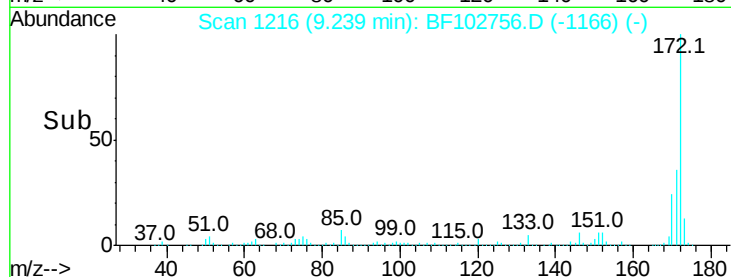
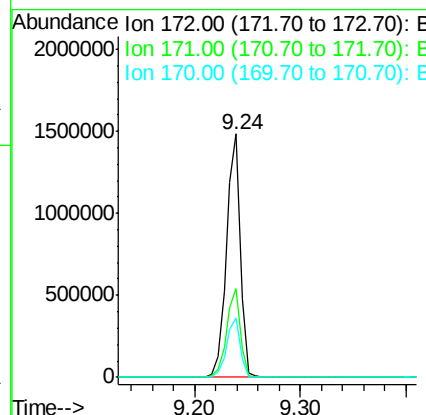
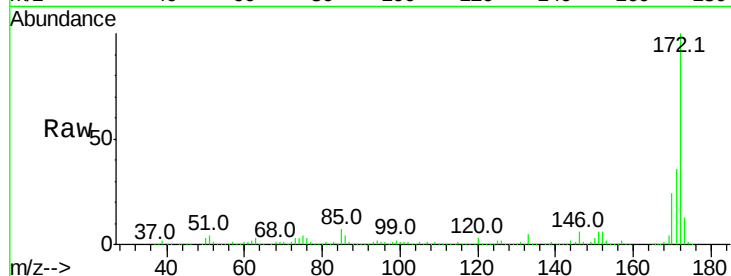
#44
2-Fluorobiphenyl
Concen: 65.144 ng
RT: 9.24 min Scan# 1216
Delta R.T. -0.01 min
Lab File: BF102756.D
Acq: 6 Feb 2018 00:23

Instrument :
BNA_F
ClientSampleId :
A2 SB45 BOT-S 8.5

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.7	44.5
170	24.4	19.6	29.4

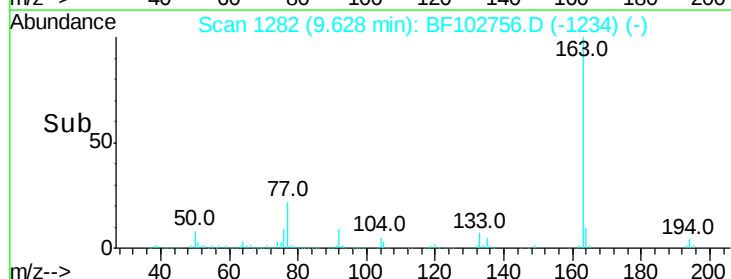
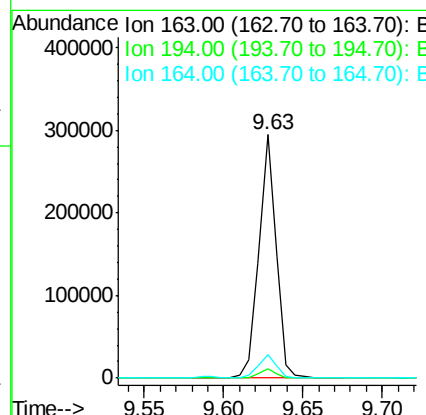
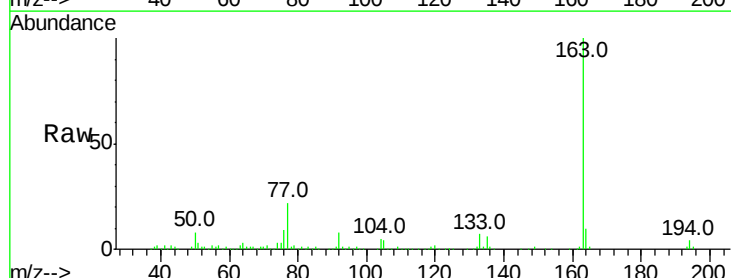
Manual Integrations
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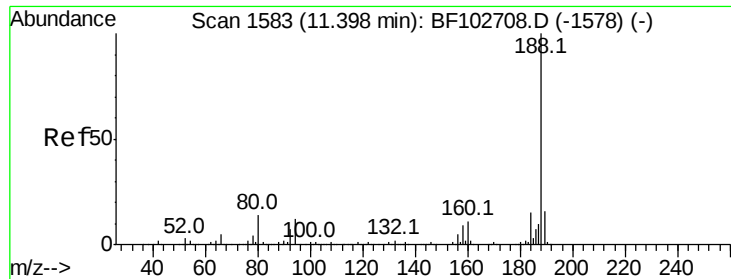
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#49
Dimethylphthalate
Concen: 8.168 ng
RT: 9.63 min Scan# 1282
Delta R.T. -0.02 min
Lab File: BF102756.D
Acq: 6 Feb 2018 00:23

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.6	2.7	4.1
164	9.9	8.2	12.2





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.40 min Scan# 1584

Delta R.T. -0.01 min

Lab File: BF102756.D

Acq: 6 Feb 2018 00:23

Instrument :

BNA_F

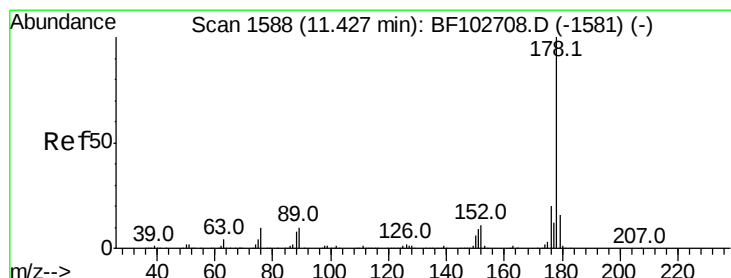
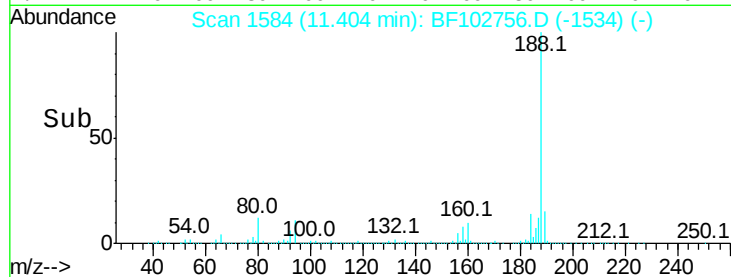
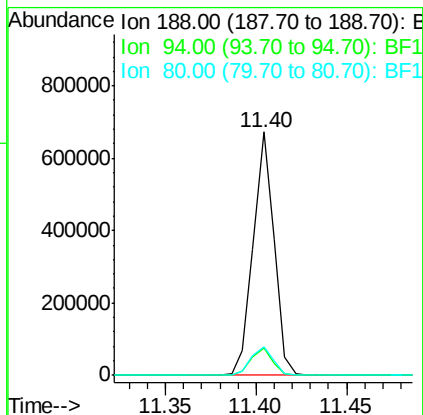
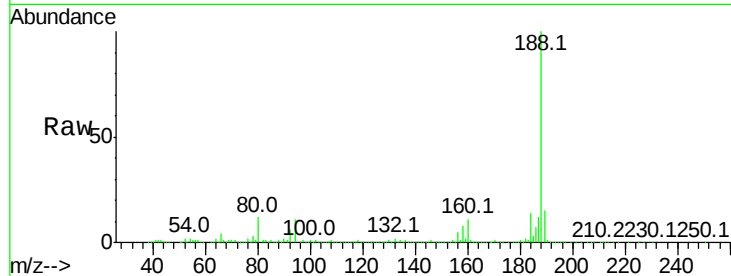
ClientSampleId :

A2 SB45 BOT-S 8.5

Tot Ion:188	Resp:	538895
Ion Ratio	Lower	Upper
188 100		
94 11.0	8.5	12.7
80 11.6	9.2	13.8

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#70

Phenanthrene

Concen: 2.563 ng

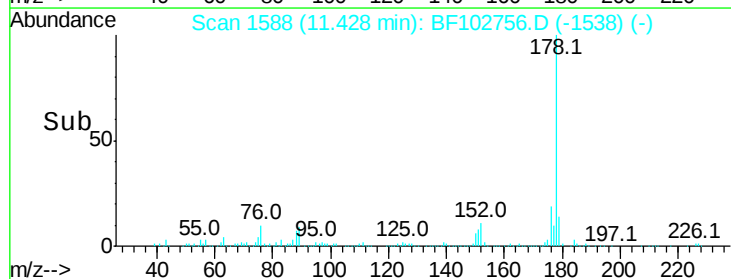
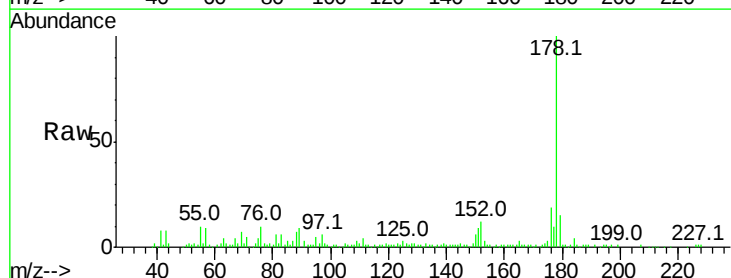
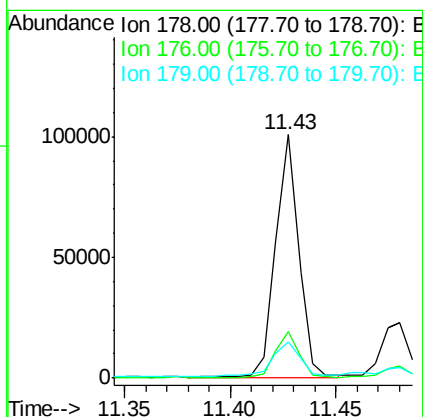
RT: 11.43 min Scan# 1588

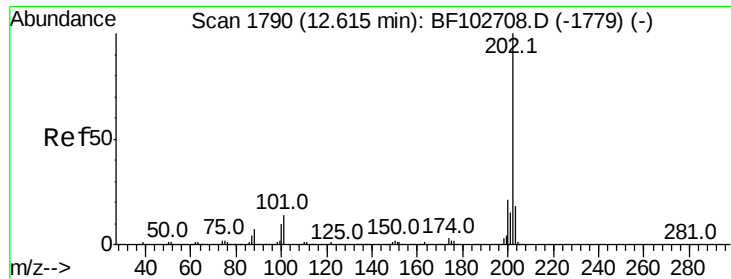
Delta R.T. -0.01 min

Lab File: BF102756.D

Acq: 6 Feb 2018 00:23

Tgt Ion:178	Resp:	76938
Ion Ratio	Lower	Upper
178 100		
176 19.0	15.8	23.8
179 14.9	13.0	19.6





#74

Fluoranthene

Concen: 3.979 ng

RT: 12.62 min Scan# 1791

Delta R.T. 0.00 min

Lab File: BF102756.D

Acq: 6 Feb 2018 00:23

Instrument :

BNA_F

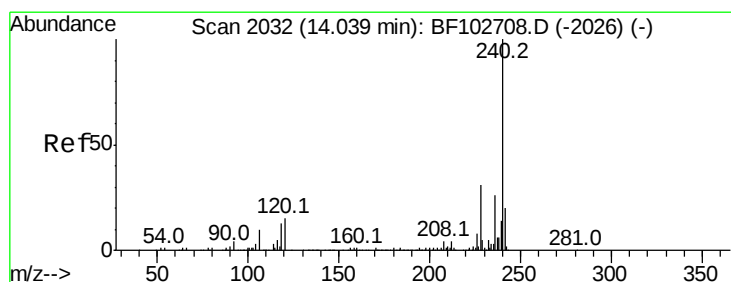
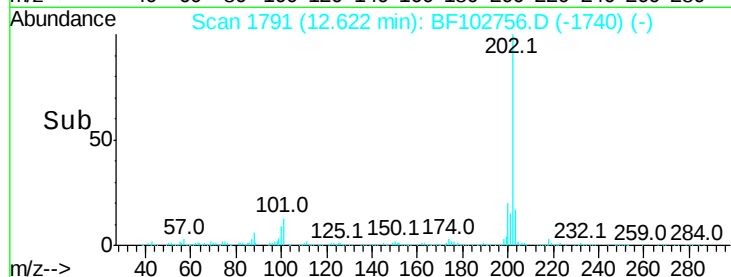
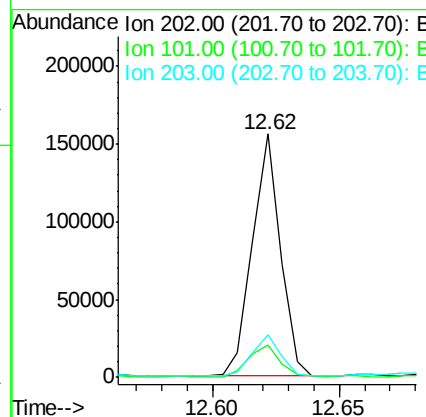
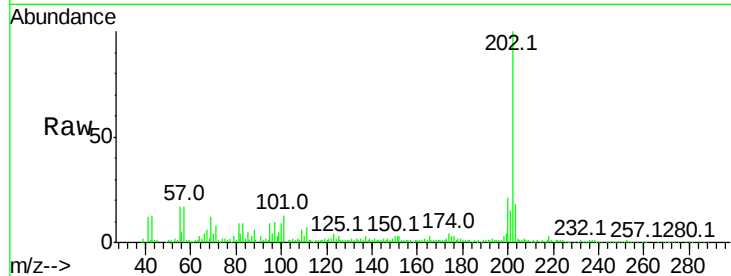
ClientSampleId :

A2 SB45 BOT-S 8.5

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	13.4	0.0	34.1
203	17.7	0.0	38.1

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#75

Chrysene-d12

Concen: 20.000 ng

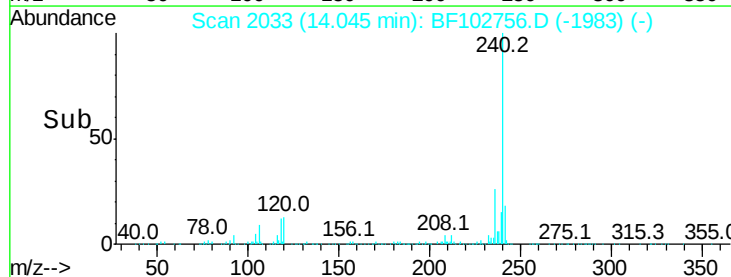
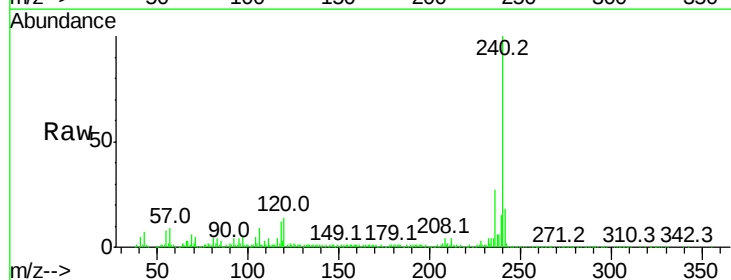
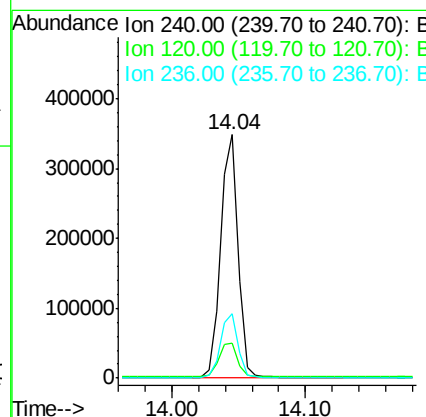
RT: 14.04 min Scan# 2033

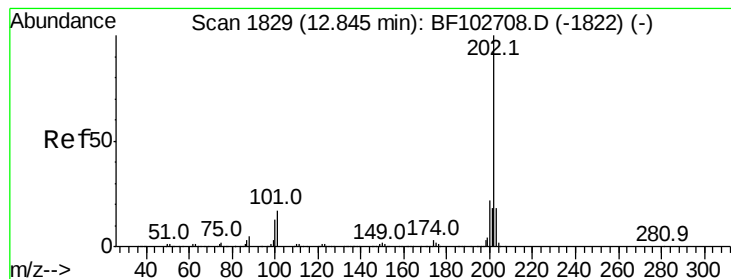
Delta R.T. -0.01 min

Lab File: BF102756.D

Acq: 6 Feb 2018 00:23

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	14.1	9.5	14.3
236	26.6	20.7	31.1





#77

Pvrene

Concen: 4.164 ng

RT: 12.85 min Scan# 1829

Delta R.T. -0.01 min

Lab File: BF102756.D

Acq: 6 Feb 2018 00:23

Instrument :

BNA_F

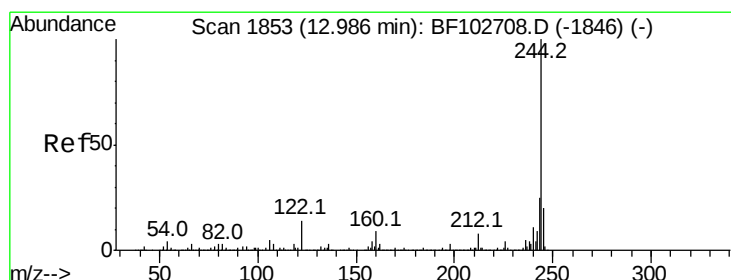
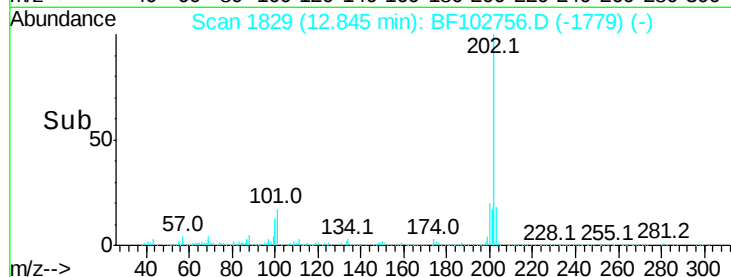
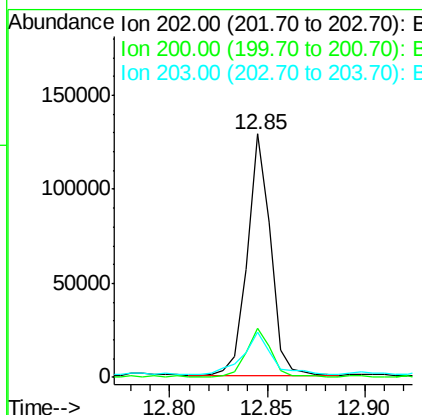
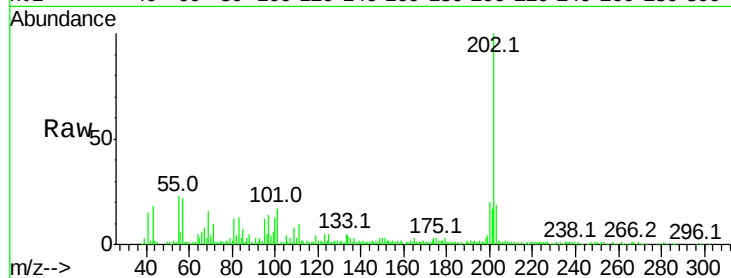
ClientSampleId :

A2 SB45 BOT-S 8.5

Tot Ion:	202	Resp:	105900
Ion Ratio		Lower	Upper
202	100		
200	20.1	17.4	26.2
203	18.5	14.3	21.5

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#78

Terphenyl-d14

Concen: 64.029 ng

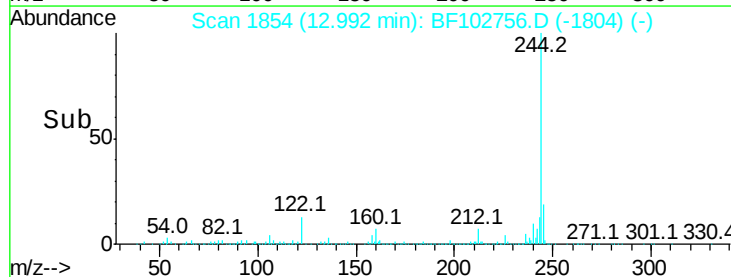
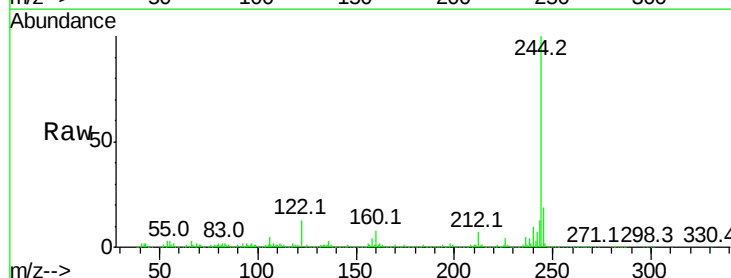
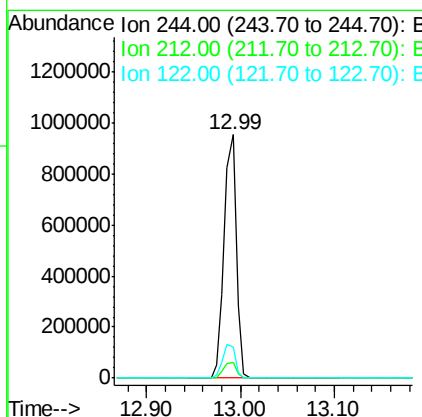
RT: 12.99 min Scan# 1854

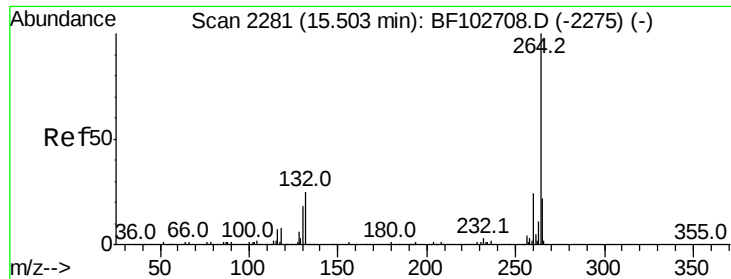
Delta R.T. -0.01 min

Lab File: BF102756.D

Acq: 6 Feb 2018 00:23

Tgt Ion:	244	Resp:	877120
Ion Ratio		Lower	Upper
244	100		
212	6.6	5.4	8.0
122	12.8	11.0	16.4





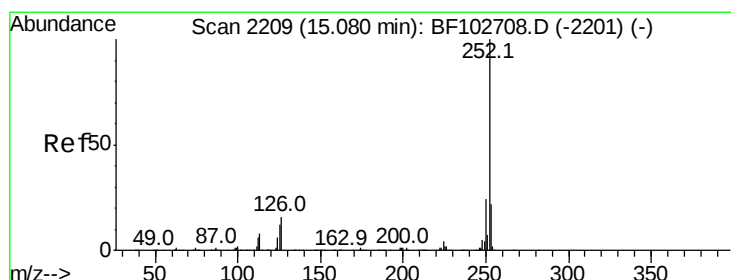
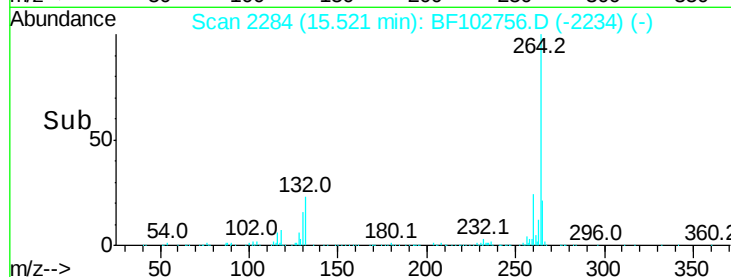
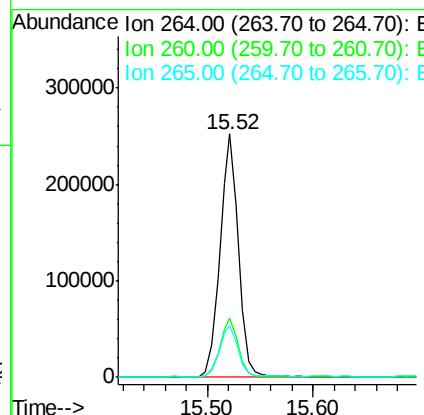
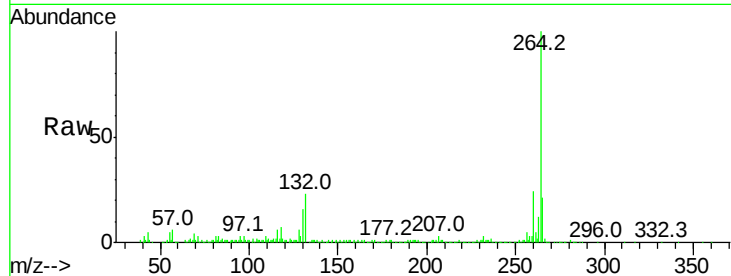
#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.52 min Scan# 2284
Delta R.T. -0.01 min
Lab File: BF102756.D
Acq: 6 Feb 2018 00:23

Instrument :
BNA_F
ClientSampleId :
A2 SB45 BOT-S 8.5

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.2	28.8
265	21.4	17.5	26.3

Manual Integrations
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#87
Benzo(b)fluoranthene
Concen: 2.697 ng m
RT: 15.09 min Scan# 2210
Delta R.T. -0.01 min
Lab File: BF102756.D
Acq: 6 Feb 2018 00:23

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.5	17.0	25.6
125	23.6	9.0	13.6

