

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF021218\
 Data File : BF102910.D
 Acq On : 12 Feb 2018 10:35
 Operator : SJ/JU
 Sample : J1506-07
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B-22(2-4)

Manual Integrations
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 2/13/2018 11:25:08 AM

Quant Time: Feb 12 12:06:39 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	6.89	152	176925	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	746359	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	339594	20.00	ng	0.00
63) Phenanthrene-d10	11.41	188	566319	20.00	ng	0.00
75) Chrysene-d12	14.05	240	368598	20.00	ng	0.00
86) Perylene-d12	15.54	264	330994	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.51	112	1445442	124.07	ng	0.02
7) Phenol-d6	6.52	99	1716898	122.40	ng	0.01
23) Nitrobenzene-d5	7.45	82	1132424	105.25	ng	0.00
41) 2,4,6-Tribromophenol	10.72	330	348345	127.44	ng	0.00
44) 2-Fluorobiphenyl	9.25	172	1521817	74.36	ng	0.00
78) Terphenyl-d14	13.00	244	1264096	81.20	ng	0.00
Target Compounds						
10) Phenol	6.53	94	41527	2.762	ng	99
49) Dimethylphthalate	9.63	163	151440	5.719	ng	97
74) Fluoranthene	12.62	202	76819	2.421	ng	98
77) Pyrene	12.86	202	66240	2.292	ng	99

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

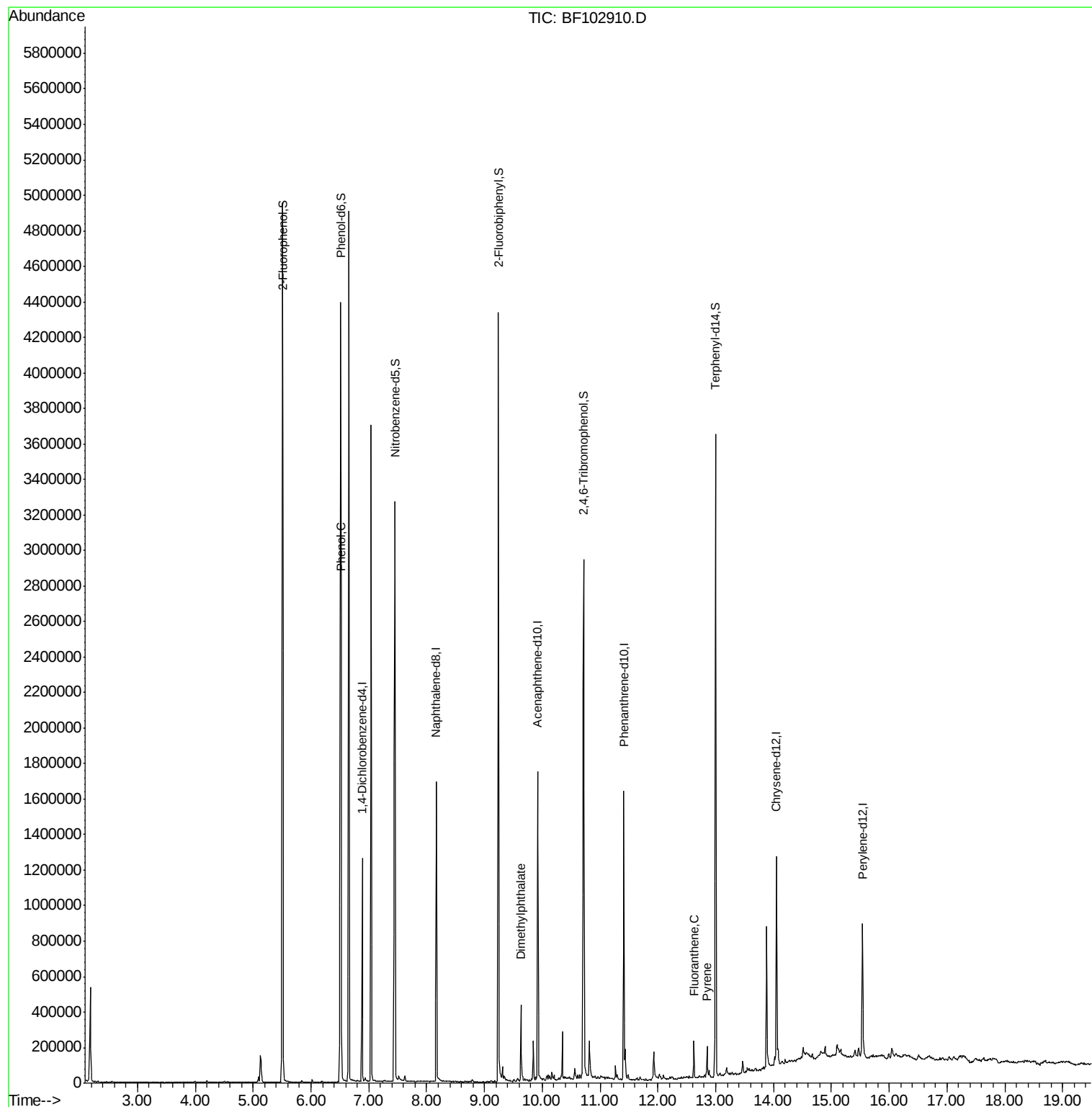
Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF021218\
Data File : BF102910.D
Acq On : 12 Feb 2018 10:35
Operator : SJ/JU
Sample : J1506-07
Misc :
ALS Vial : 5 Sample Multiplier: 1

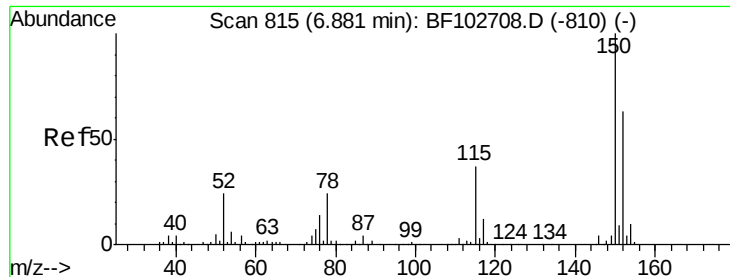
Instrument :
BNA_F
ClientSampleId :
B-22(2-4)

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Quant Time: Feb 12 12:06:39 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration





#1

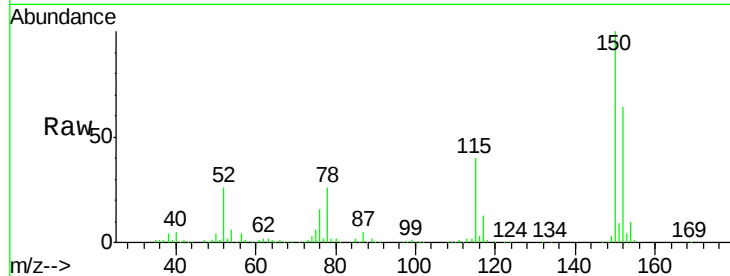
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.89 min Scan# 816
Delta R.T. 0.01 min
Lab File: BF102910.D
Acq: 12 Feb 2018 10:35

Instrument :
BNA_F
ClientSampleId :
B-22(2-4)

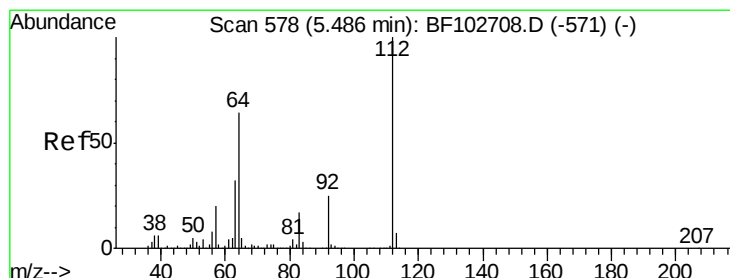
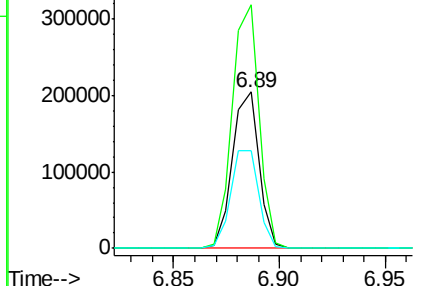
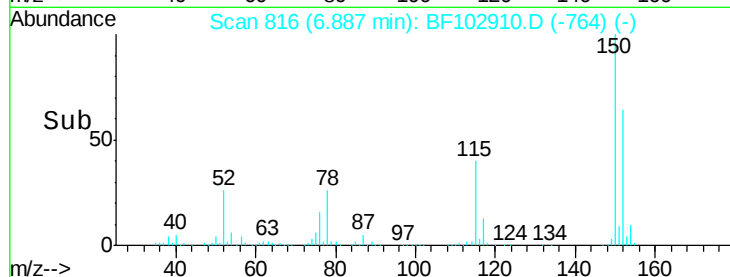
Tot Ion	Ratio	Lower	Upper
152	100		
150	156.0	124.6	186.8
115	62.7	50.1	75.1

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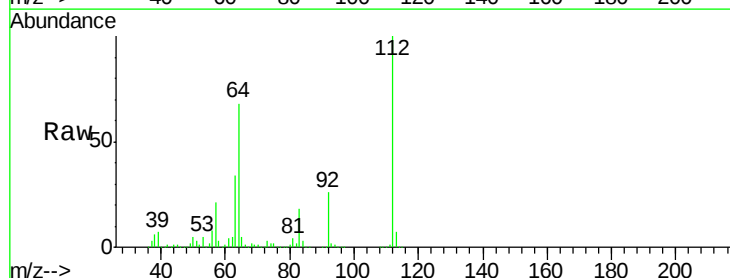
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



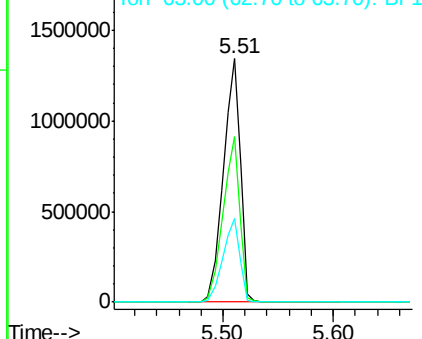
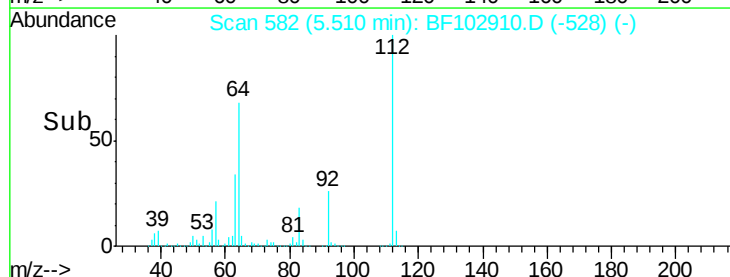
#5

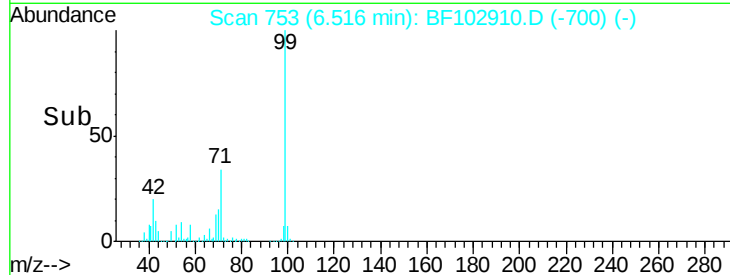
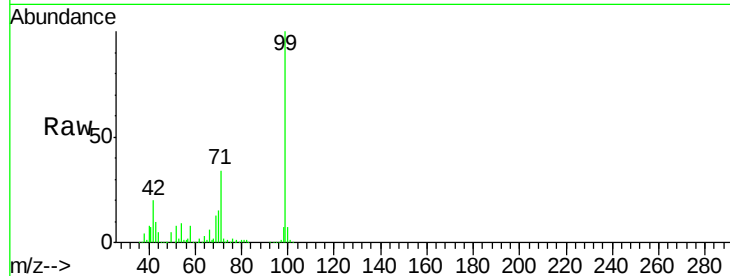
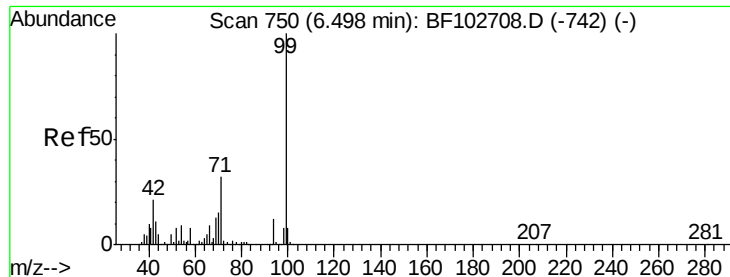
2-Fluorophenol
Concen: 124.072 ng
RT: 5.51 min Scan# 582
Delta R.T. 0.02 min
Lab File: BF102910.D
Acq: 12 Feb 2018 10:35

Tgt Ion	Ratio	Lower	Upper
112	100		
64	67.9	47.9	71.9
63	34.3	23.7	35.5



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 122.396 ng

RT: 6.52 min Scan# 753

Delta R.T. 0.01 min

Lab File: BF102910.D

Acq: 12 Feb 2018 10:35

Tot Ion: 99 Resp: 1716898

Ion Ratio Lower Upper

99 100

42 20.4 14.5 21.7

71 33.7 25.4 38.0

Instrument :

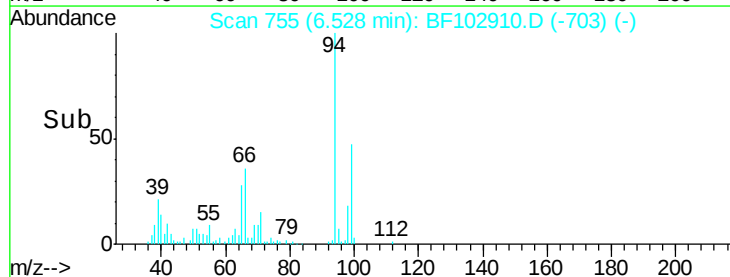
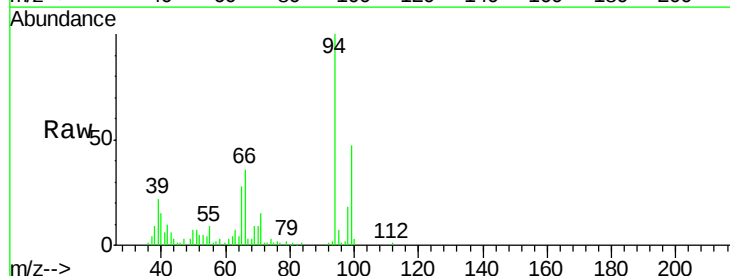
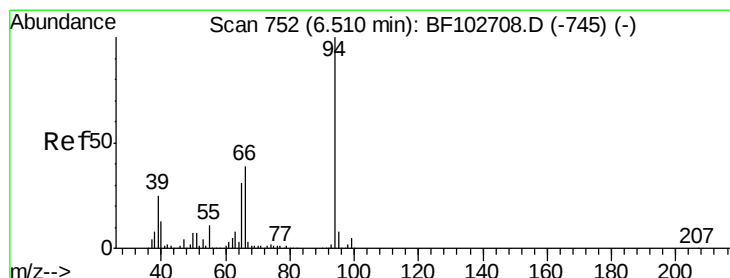
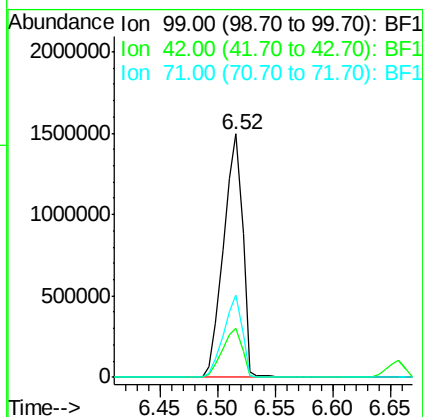
BNA_F

ClientSampleId :

B-22(2-4)

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#10

Phenol

Concen: 2.762 ng

RT: 6.53 min Scan# 755

Delta R.T. 0.01 min

Lab File: BF102910.D

Acq: 12 Feb 2018 10:35

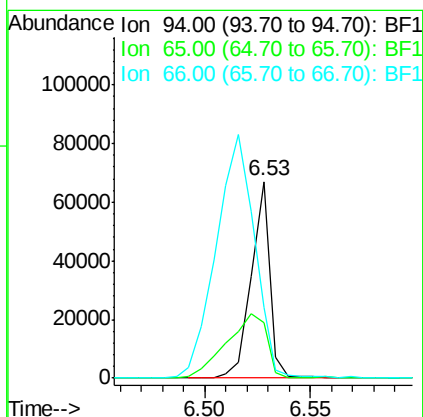
Tgt Ion: 94 Resp: 41527

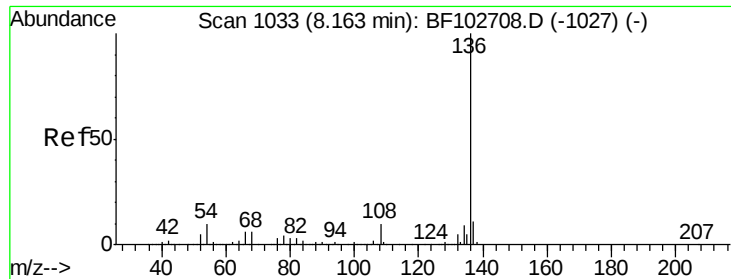
Ion Ratio Lower Upper

94 100

65 28.2 7.9 47.9

66 35.8 16.2 56.2





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.17 min Scan# 1034

Delta R.T. 0.00 min

Lab File: BF102910.D

Acq: 12 Feb 2018 10:35

Instrument :

BNA_F

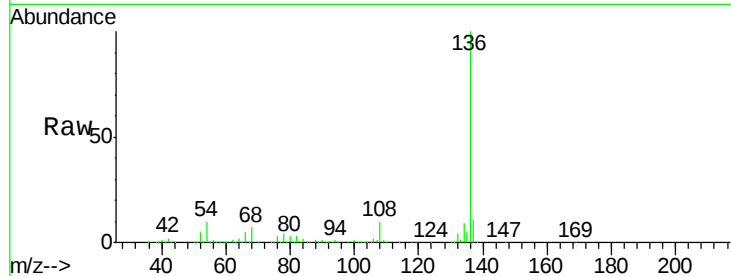
ClientSampleId :

B-22(2-4)

Tot Ion	Ratio	Resp	Lower	Upper
136	100	746359		
137	10.6		8.9	13.3
54	9.5		6.6	9.8
68	6.5		5.0	7.4

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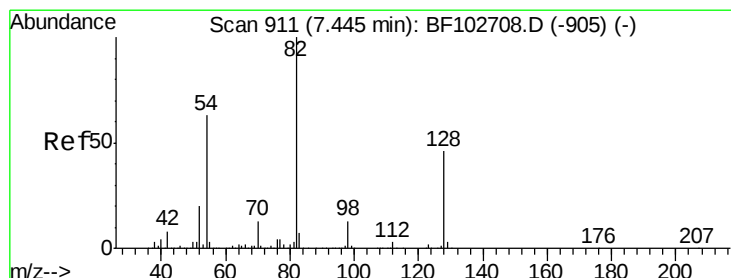
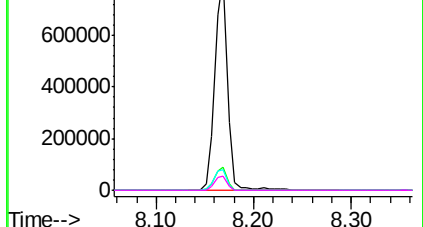
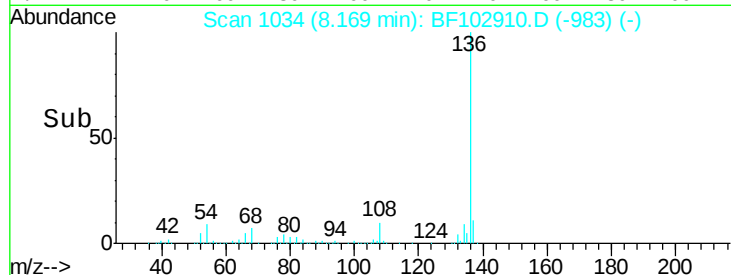


Abundance Ion 136.00 (135.70 to 136.70): E

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: 105.254 ng

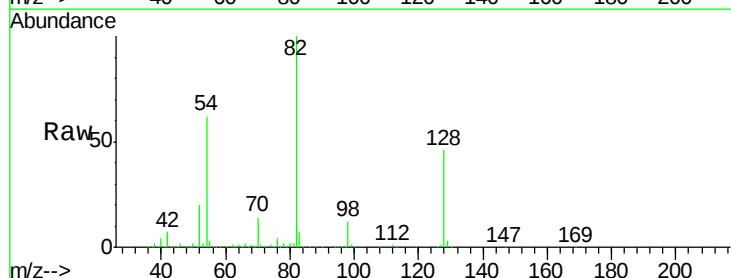
RT: 7.45 min Scan# 912

Delta R.T. 0.00 min

Lab File: BF102910.D

Acq: 12 Feb 2018 10:35

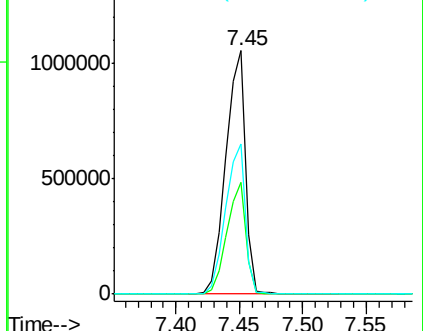
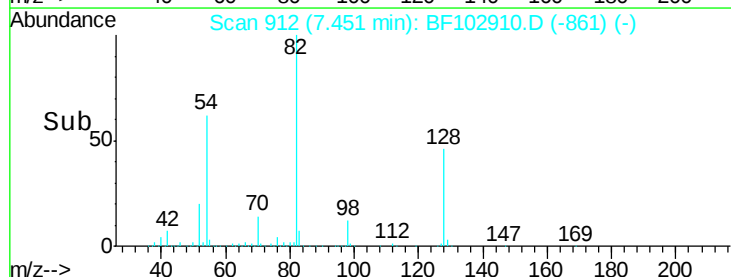
Tgt Ion	Ratio	Resp	Lower	Upper
82	100	1132424		
128	46.0		36.1	54.1
54	61.6		41.4	62.2

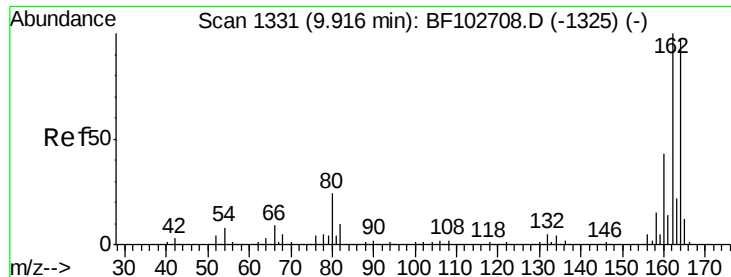


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





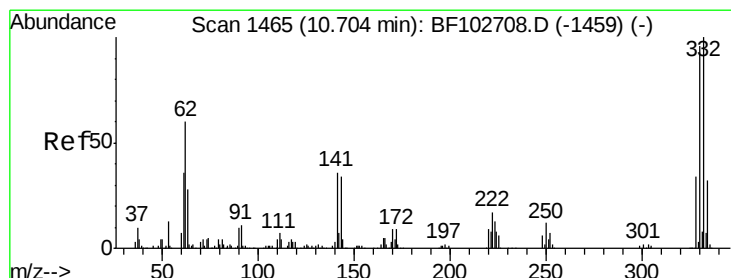
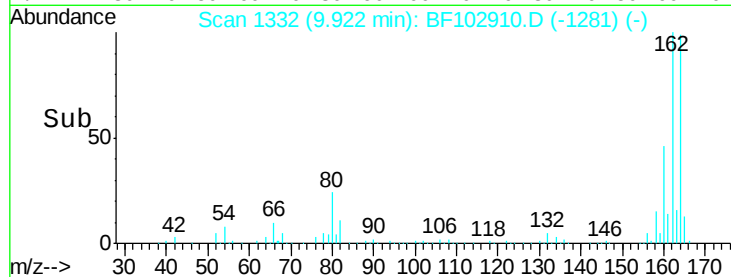
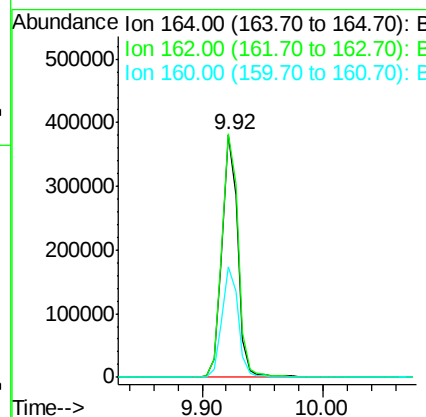
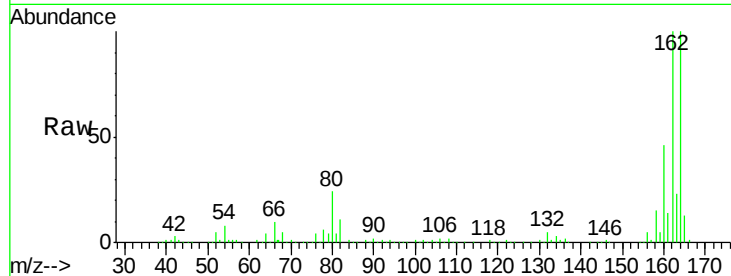
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.92 min Scan# 1332
Delta R.T. 0.00 min
Lab File: BF102910.D
Acq: 12 Feb 2018 10:35

Instrument :
BNA_F
ClientSampled :
B-22(2-4)

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	100.4	86.1	129.1	
160	45.7	38.3	57.5	

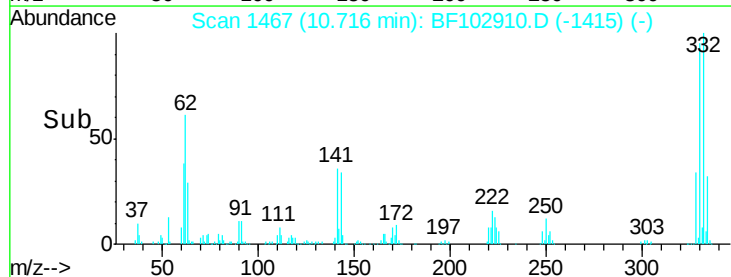
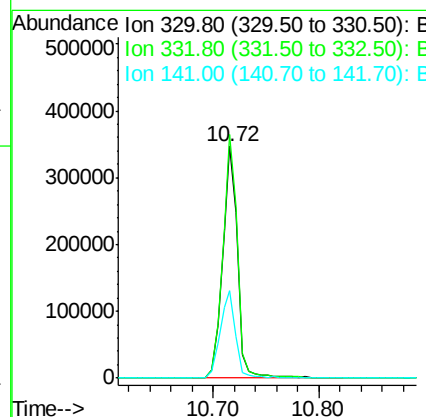
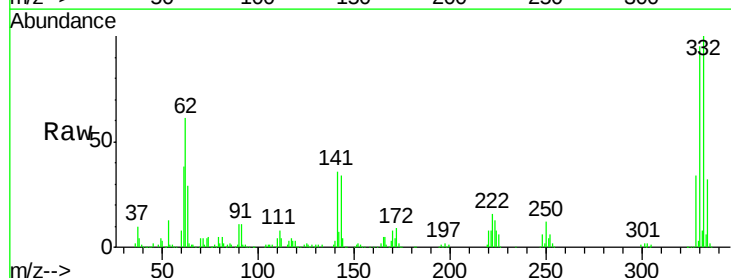
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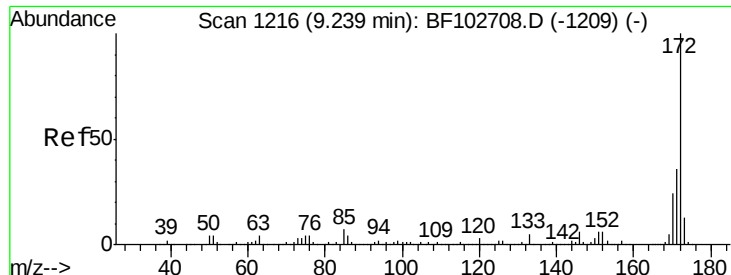
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#41
2,4,6-Tribromophenol
Concen: 127.443 ng
RT: 10.72 min Scan# 1467
Delta R.T. 0.01 min
Lab File: BF102910.D
Acq: 12 Feb 2018 10:35

Tgt Ion	Ratio	Resp	Lower	Upper
330	100			
332	103.9	77.0	115.6	
141	39.4	29.9	44.9	





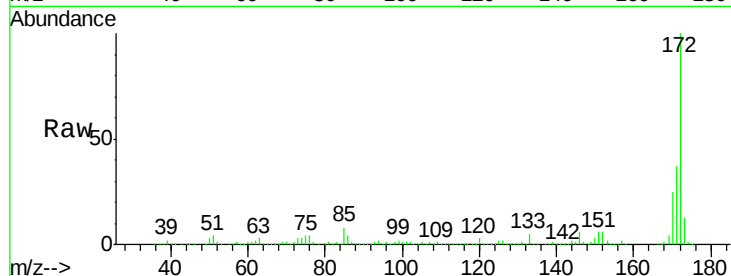
#44
2-Fluorobiphenyl
Concen: 74.360 ng
RT: 9.25 min Scan# 1217
Delta R.T. 0.00 min
Lab File: BF102910.D
Acq: 12 Feb 2018 10:35

Instrument :
BNA_F
ClientSampleId :
B-22(2-4)

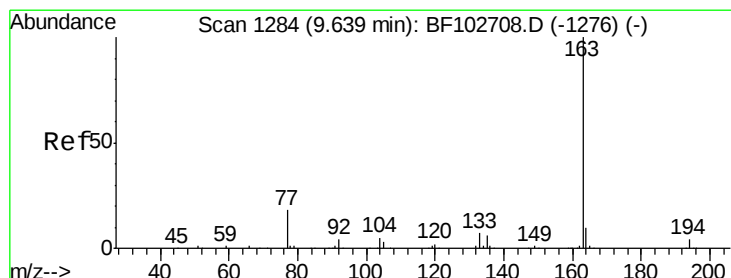
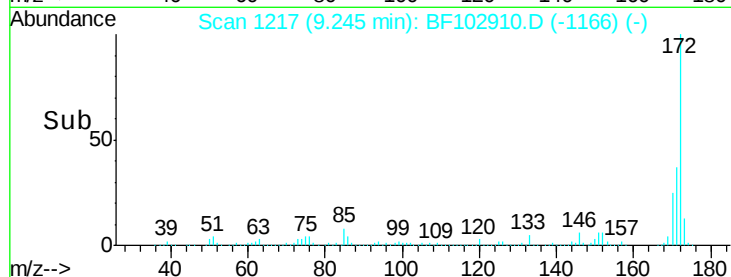
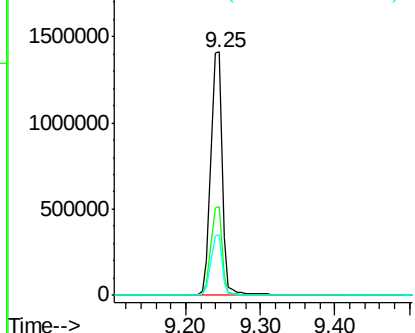
Tot Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.7	44.5
170	24.7	19.6	29.4

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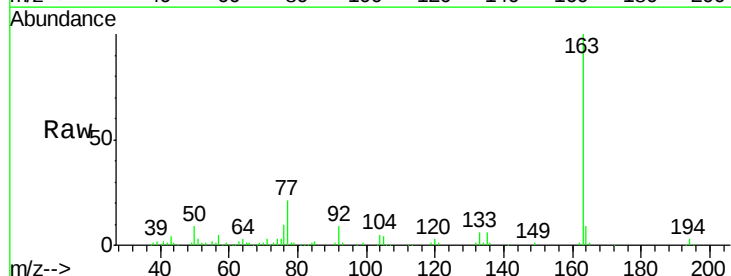


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

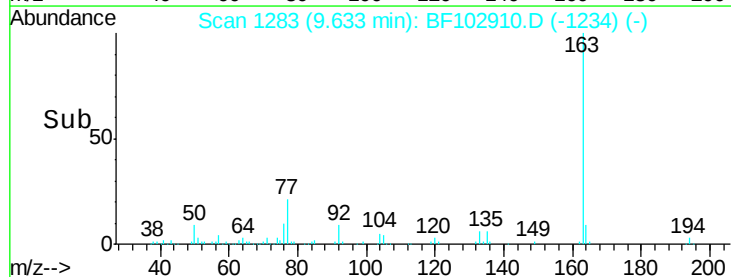
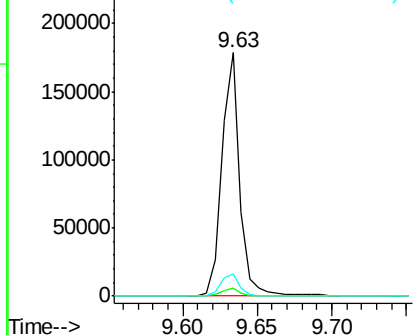


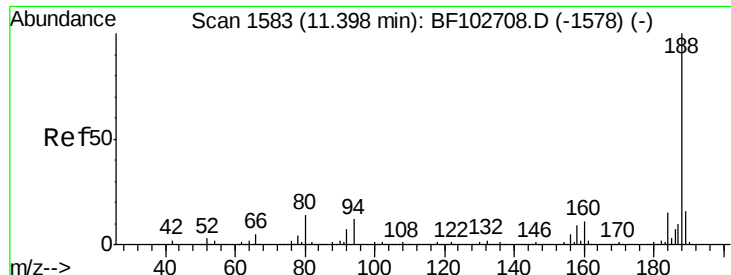
#49
Dimethylphthalate
Concen: 5.719 ng
RT: 9.63 min Scan# 1283
Delta R.T. -0.01 min
Lab File: BF102910.D
Acq: 12 Feb 2018 10:35

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.5	2.7	4.1
164	9.0	8.2	12.2



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.41 min Scan# 1585

Delta R.T. 0.00 min

Lab File: BF102910.D

Acq: 12 Feb 2018 10:35

Instrument :

BNA_F

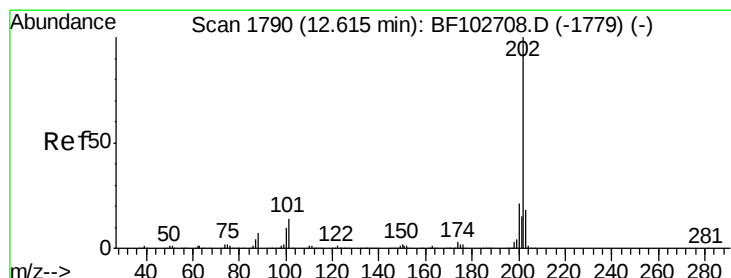
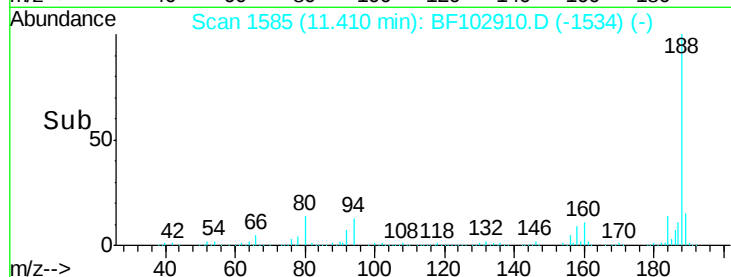
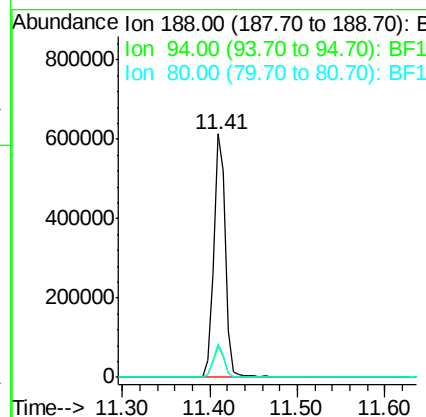
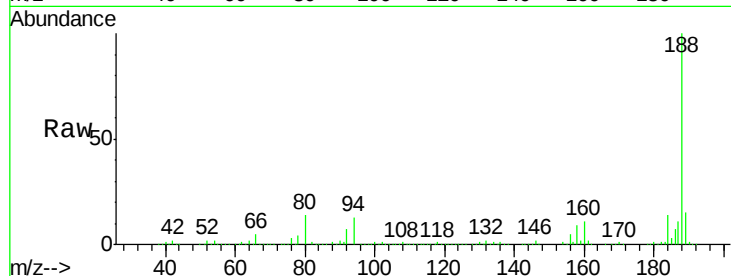
ClientSampleId :

B-22(2-4)

Tot Ion:	188	Resp:	566319
Ion Ratio	Lower	Upper	
188	100		
94	12.8	8.5	12.7#
80	13.8	9.2	13.8#

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#74

Fluoranthene

Concen: 2.421 ng

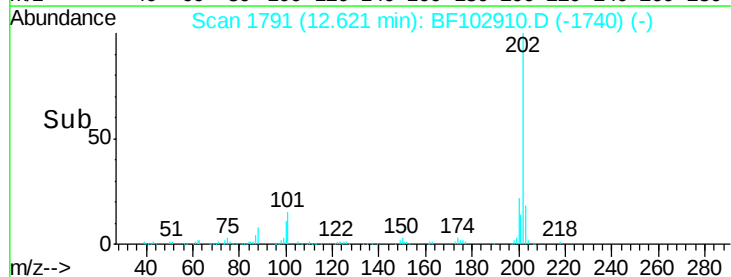
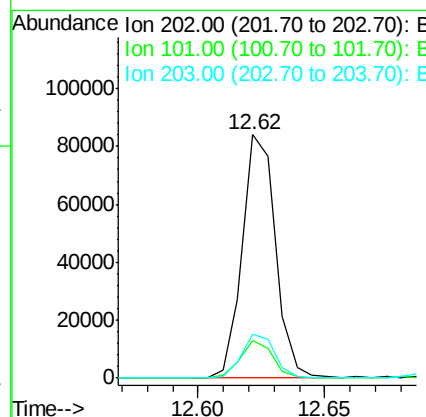
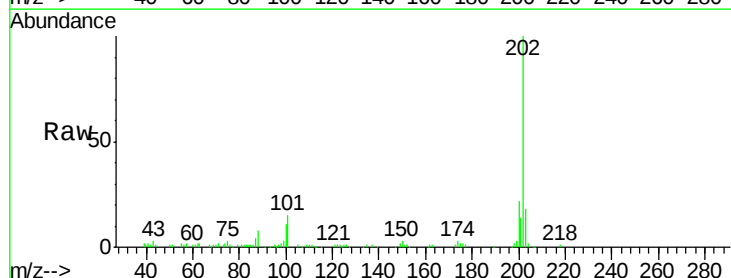
RT: 12.62 min Scan# 1791

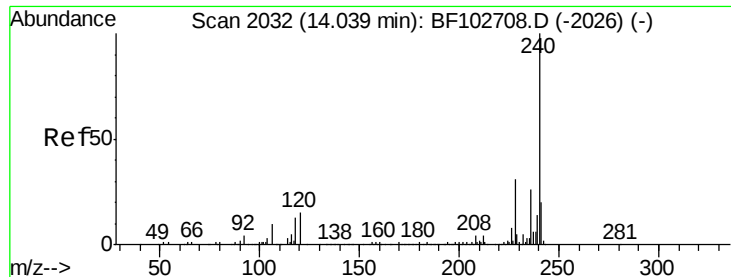
Delta R.T. 0.00 min

Lab File: BF102910.D

Acq: 12 Feb 2018 10:35

Tgt Ion:	202	Resp:	76819
Ion Ratio	Lower	Upper	
202	100		
101	15.3	0.0	34.1
203	18.0	0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.05 min Scan# 2034

Delta R.T. 0.00 min

Lab File: BF102910.D

Acq: 12 Feb 2018 10:35

Instrument :

BNA_F

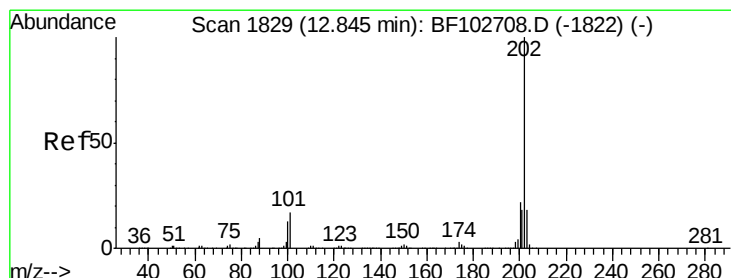
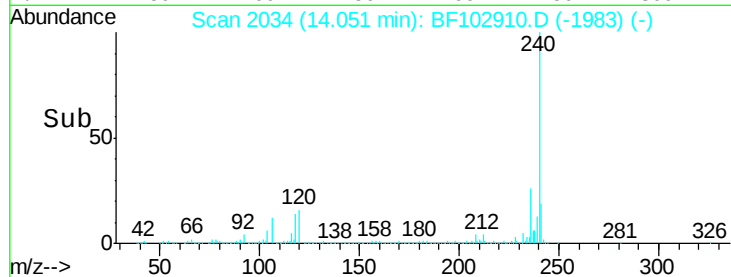
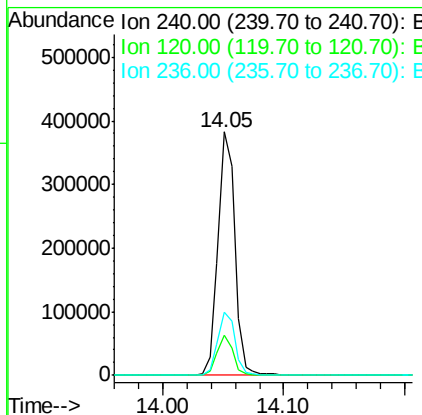
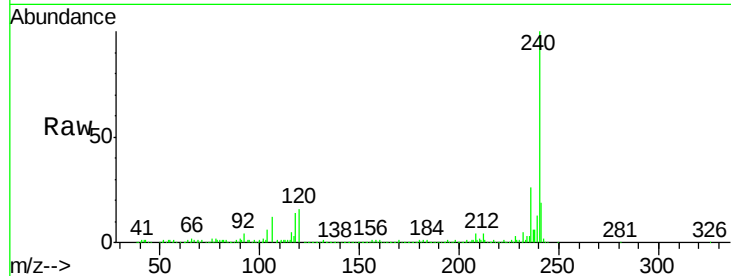
ClientSampleID :

B-22(2-4)

Tot Ion	Ratio	Lower	Upper
240	100		
120	16.2	9.5	14.3
236	26.1	20.7	31.1

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#77

Pyrene

Concen: 2.292 ng

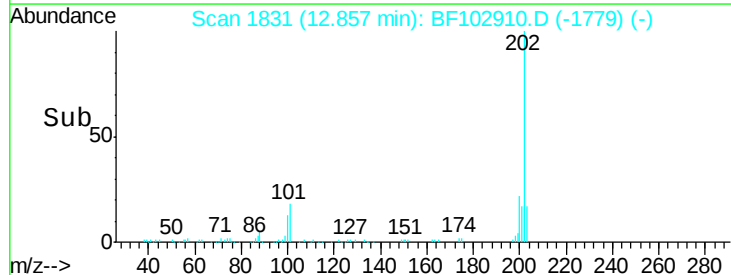
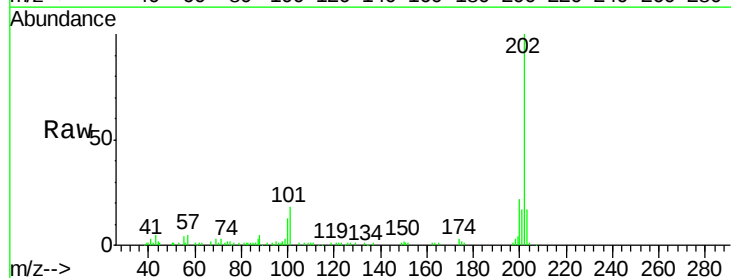
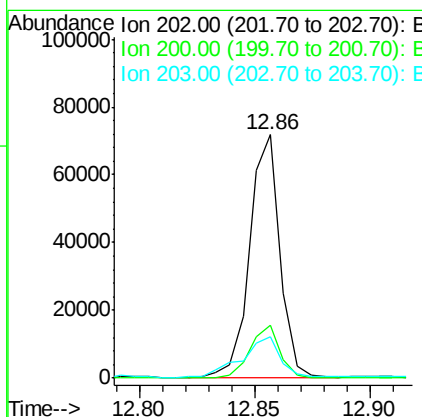
RT: 12.86 min Scan# 1831

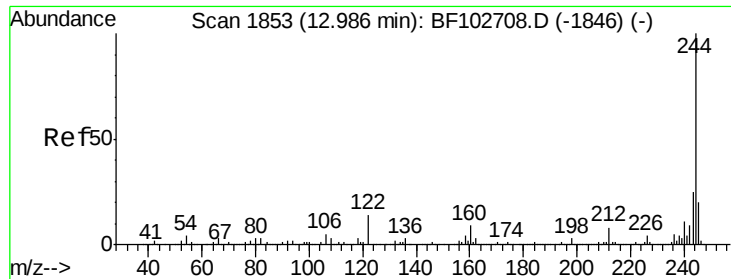
Delta R.T. 0.01 min

Lab File: BF102910.D

Acq: 12 Feb 2018 10:35

Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.9	17.4	26.2
203	17.1	14.3	21.5





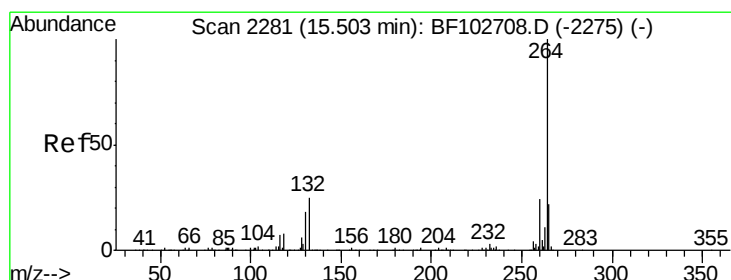
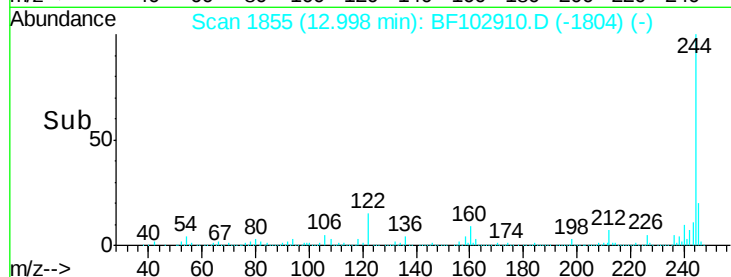
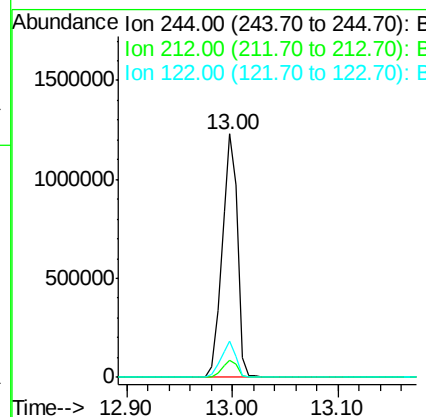
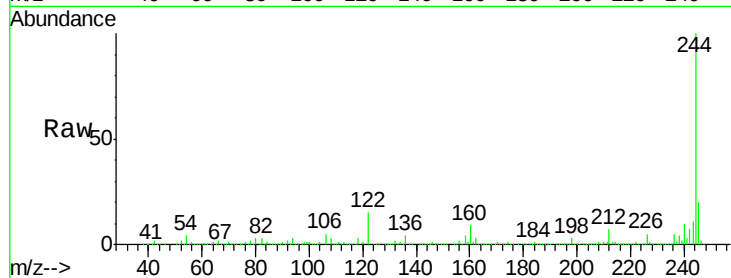
#78
 Terphenyl-d14
 Concen: 81.202 ng
 RT: 13.00 min Scan# 1855
 Delta R.T. 0.00 min
 Lab File: BF102910.D
 Acq: 12 Feb 2018 10:35

Instrument :
 BNA_F
 ClientSampleId :
 B-22(2-4)

Tot Ion:244 Resp: 1264096
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.4 8.0
 122 14.7 11.0 16.4

Manual Integrations
 APPROVED

Sohil
 2/13/2018 11:25:08 AM



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.54 min Scan# 2287
 Delta R.T. 0.01 min
 Lab File: BF102910.D
 Acq: 12 Feb 2018 10:35

Tgt Ion:264 Resp: 330994
 Ion Ratio Lower Upper
 264 100
 260 25.2 19.2 28.8
 265 21.7 17.5 26.3

