

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_F\DATA\BF021518\
 Data File : BF103011.D
 Acq On : 15 Feb 2018 12:15
 Operator : SJ/JU
 Sample : J1539-01
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MAIN-ST-LINE-1-WW@4

Manual Integrations
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Quant Time: Feb 15 14:22:09 2018
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 15 14:08:58 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	198998	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	832580	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	377980	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	667224	20.00	ng	0.00
75) Chrysene-d12	14.04	240	525139	20.00	ng	0.00
86) Perylene-d12	15.53	264	449728	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	1609617	122.84	ng	0.01
7) Phenol-d6	6.52	99	1920777	121.74	ng	0.00
23) Nitrobenzene-d5	7.45	82	1255801	104.63	ng	0.00
41) 2,4,6-Tribromophenol	10.71	330	425084	139.72	ng	0.00
44) 2-Fluorobiphenyl	9.23	172	1813331	79.61	ng	0.00
78) Terphenyl-d14	12.99	244	1673592	75.46	ng	0.00
Target Compounds						
10) Phenol	6.52	94	63207	3.738	ng	Qvalue # 72
49) Dimethylphthalate	9.62	163	165972	5.632	ng	99
70) Phenanthrene	11.43	178	323298	8.700	ng	98
71) Anthracene	11.48	178	83748	2.216	ng	99
74) Fluoranthene	12.62	202	341197	9.126	ng	98
77) Pyrene	12.84	202	296425	7.198	ng	99
80) Benzo(a)anthracene	14.03	228	142066	4.302	ng	97
82) Chrysene	14.07	228	129500	3.890	ng	96
87) Benzo(b)fluoranthene	15.09	252	118031m	4.048	ng	
89) Benzo(a)pyrene	15.46	252	83053	3.164	ng	# 92

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

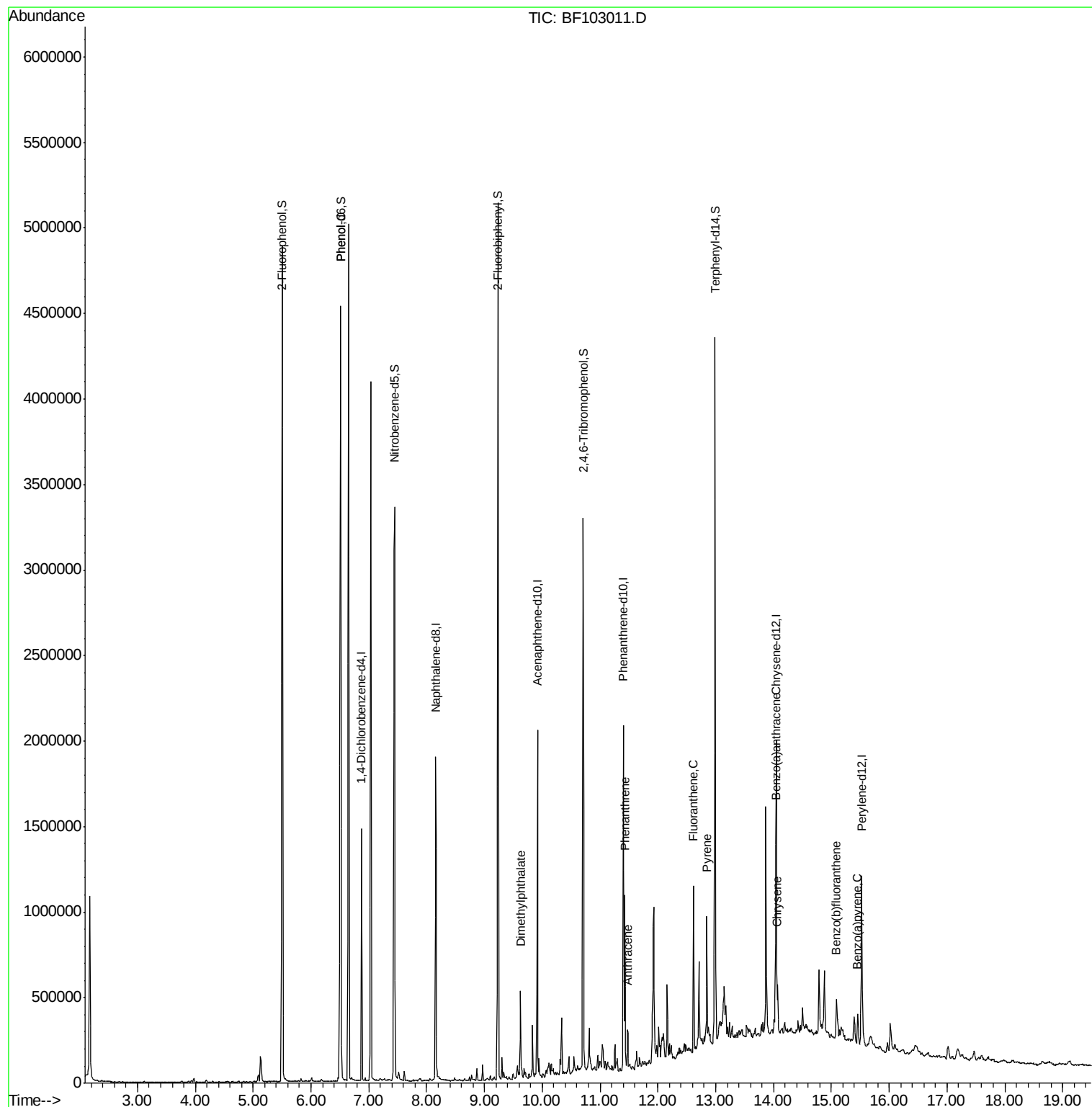
Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_F\DATA\BF021518\
Data File : BF103011.D
Acq On : 15 Feb 2018 12:15
Operator : SJ/JU
Sample : J1539-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

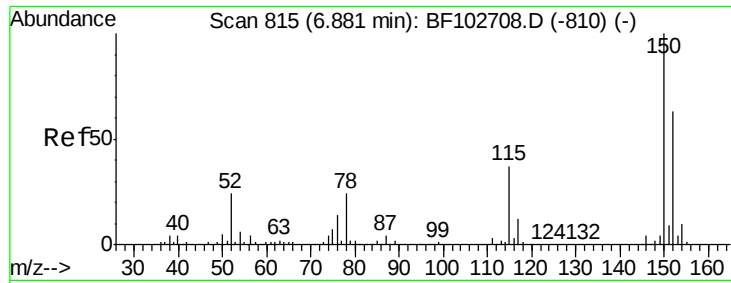
Instrument :
BNA_F
ClientSampleId :
MAIN-ST-LINE-1-WW@4

Manual Integrations
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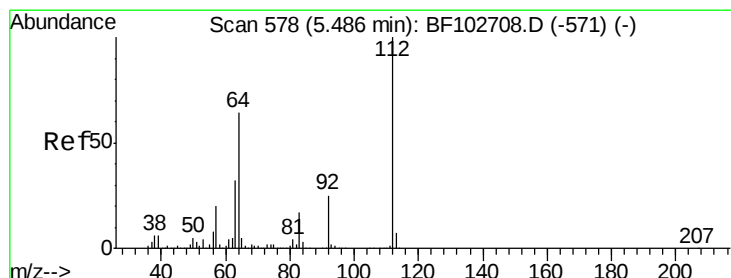
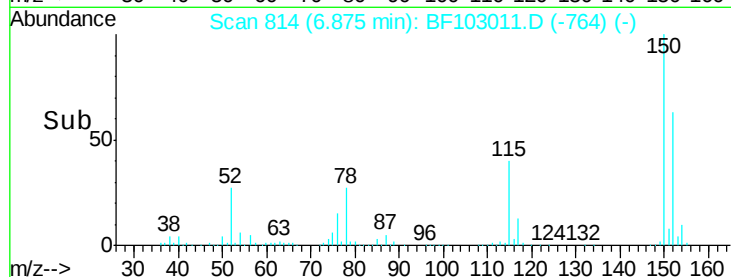
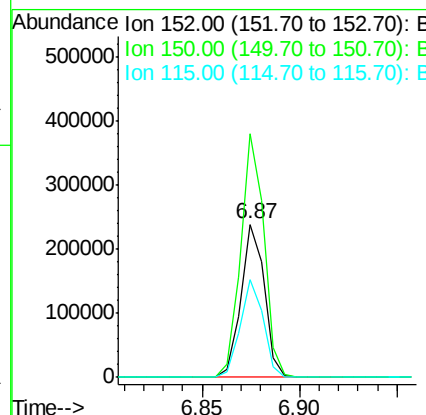
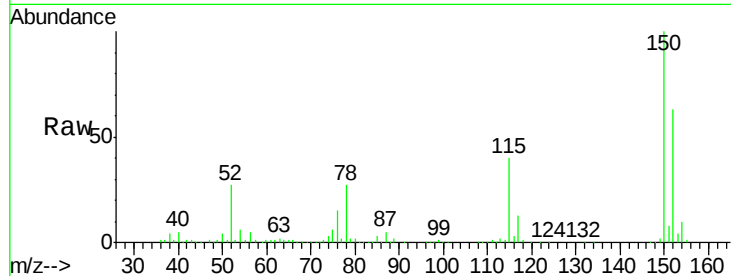
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.87 min Scan# 814
 Delta R.T. -0.01 min
 Lab File: BF103011.D
 Acq: 15 Feb 2018 12:15

Instrument :
 BNA_F
 ClientSampleId :
 MAIN-ST-LINE-1-WW@4

Tgt Ion	Ratio	Lower	Upper
152	100		
150	159.2	124.6	186.8
115	64.3	50.1	75.1

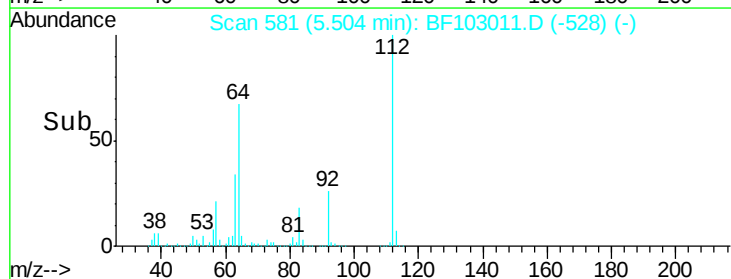
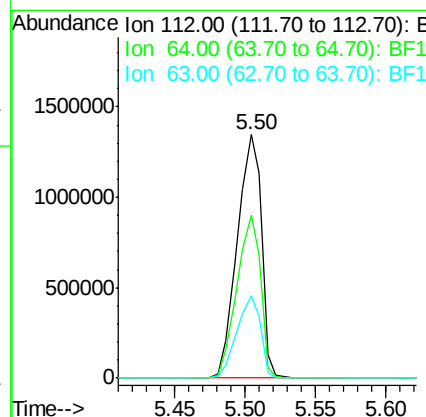
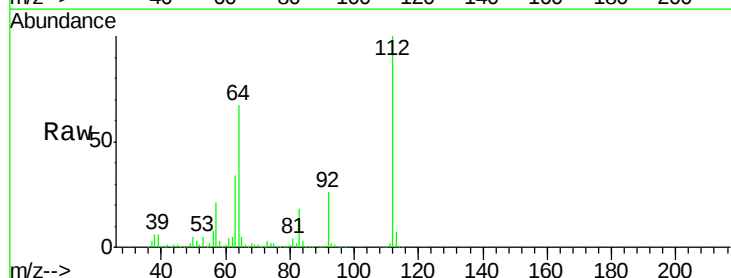
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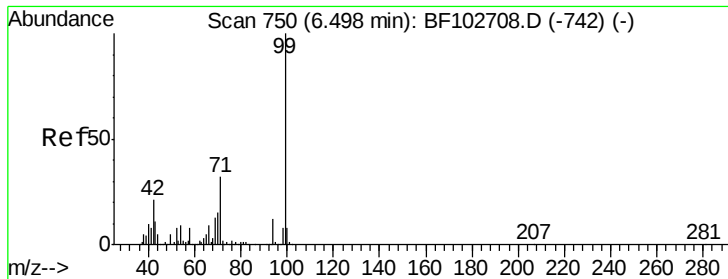
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#5
 2-Fluorophenol
 Concen: 122.839 ng
 RT: 5.50 min Scan# 581
 Delta R.T. 0.01 min
 Lab File: BF103011.D
 Acq: 15 Feb 2018 12:15

Tgt Ion	Ratio	Lower	Upper
112	100		
64	66.9	47.9	71.9
63	33.7	23.7	35.5





#7

Phenol-d6

Concen: 121.742 ng

RT: 6.52 min Scan# 753

Delta R.T. 0.01 min

Lab File: BF103011.D

Acq: 15 Feb 2018 12:15

Instrument :

BNA_F

ClientSampleId :

MAIN-ST-LINE-1-WW@4

Tgt Ion: 99 Resp: 1920777

Ion Ratio Lower Upper

99 100

42 19.4 14.5 21.7

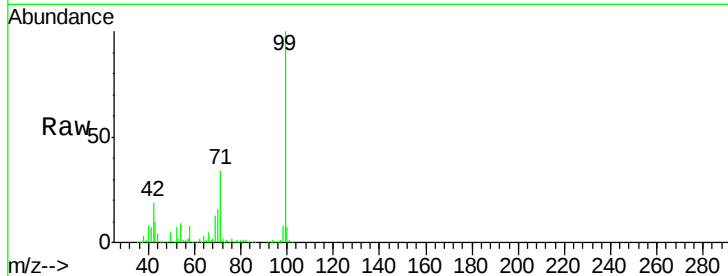
71 34.0 25.4 38.0

Manual Integrations

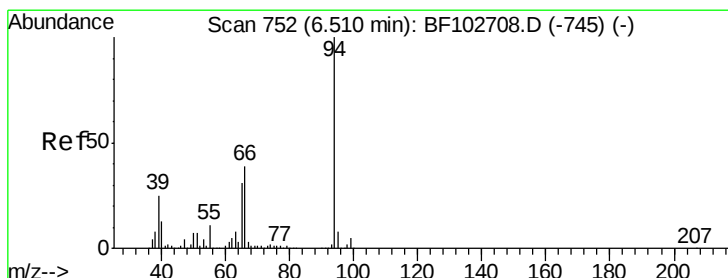
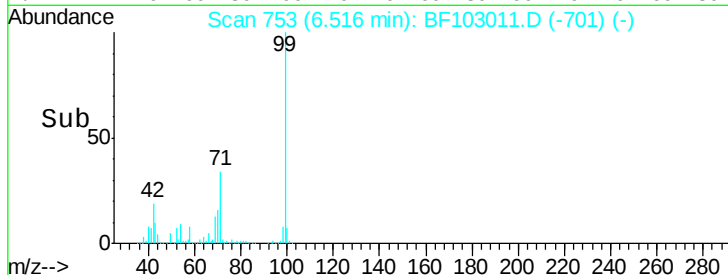
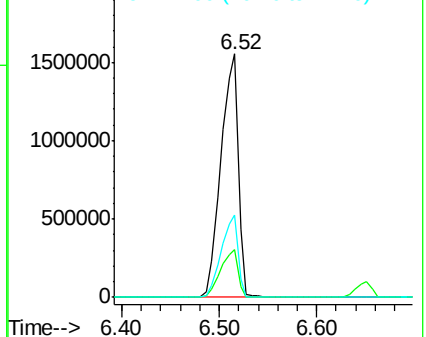
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Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#10

Phenol

Concen: 3.738 ng

RT: 6.52 min Scan# 754

Delta R.T. -0.00 min

Lab File: BF103011.D

Acq: 15 Feb 2018 12:15

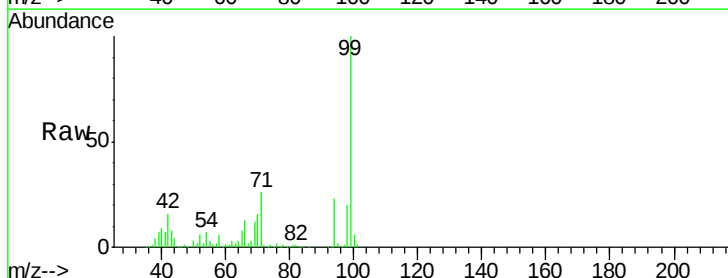
Tgt Ion: 94 Resp: 63207

Ion Ratio Lower Upper

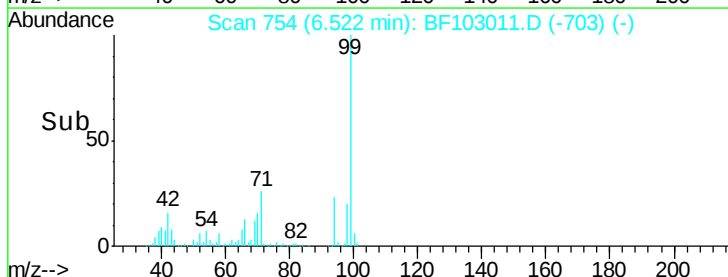
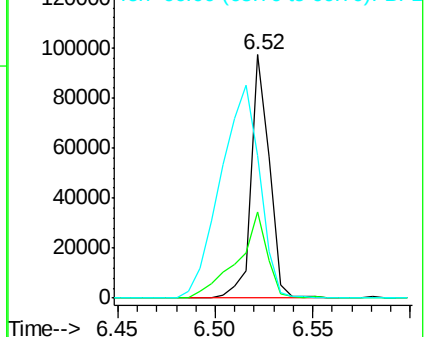
94 100

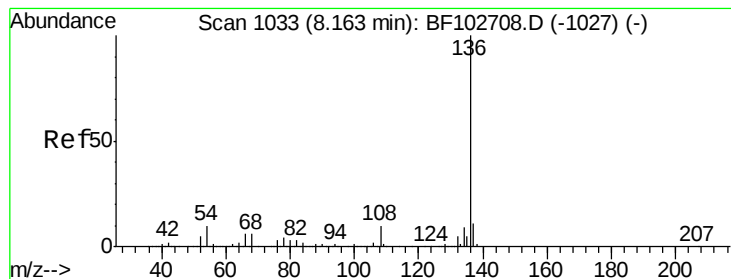
65 35.6 7.9 47.9

66 58.3 16.2 56.2#



Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.16 min Scan# 1032

Delta R.T. -0.01 min

Lab File: BF103011.D

Acq: 15 Feb 2018 12:15

Instrument :

BNA_F

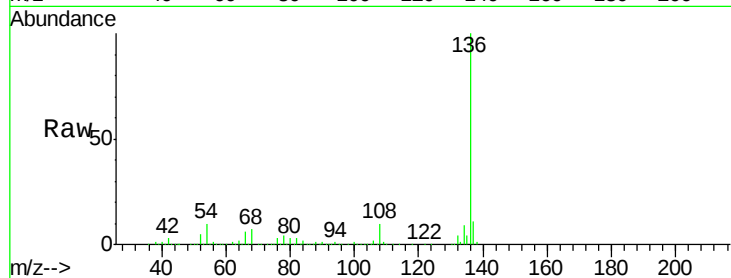
ClientSampleId :

MAIN-ST-LINE-1-WW@4

Tgt Ion	Ratio	Resp Lower	Resp Upper
136	100		
137	11.5	8.9	13.3
54	10.1	6.6	9.8
68	7.0	5.0	7.4

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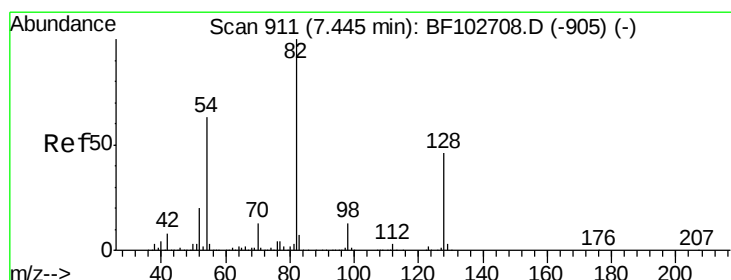
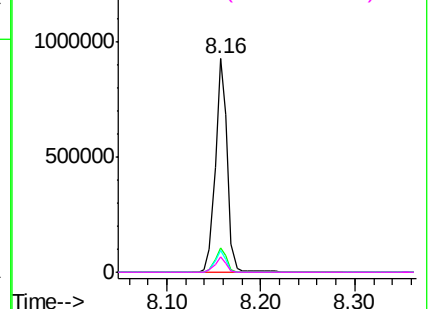
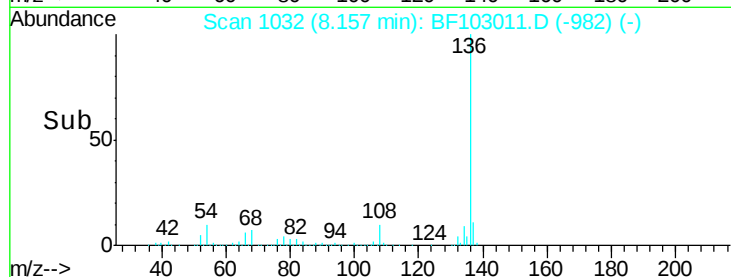


Abundance Ion 136.00 (135.70 to 136.70): E

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: 104.633 ng

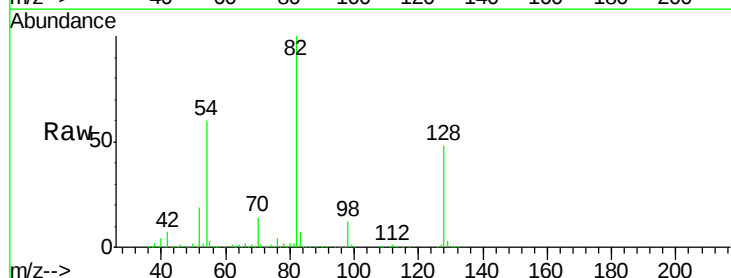
RT: 7.45 min Scan# 911

Delta R.T. -0.00 min

Lab File: BF103011.D

Acq: 15 Feb 2018 12:15

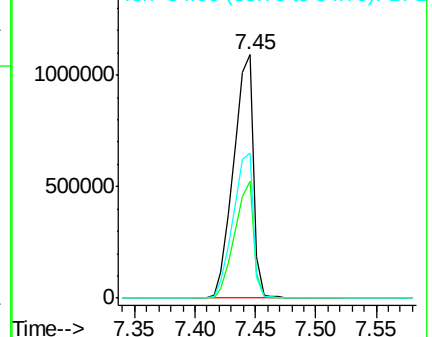
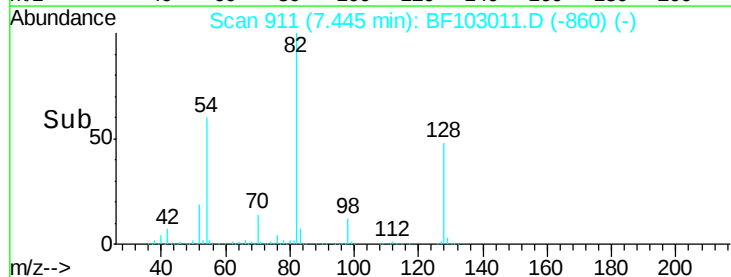
Tgt Ion	Ratio	Resp Lower	Resp Upper
82	100		
128	47.9	36.1	54.1
54	59.7	41.4	62.2

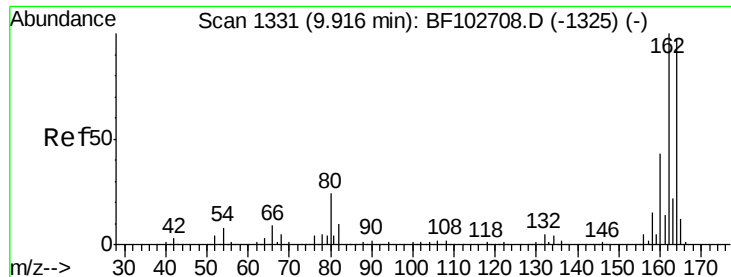


Abundance Ion 82.00 (81.70 to 82.70): BF1

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# 1331

Delta R.T. -0.01 min

Lab File: BF103011.D

Acq: 15 Feb 2018 12:15

Instrument :

BNA_F

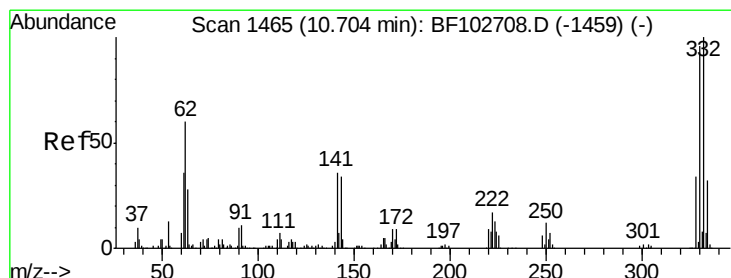
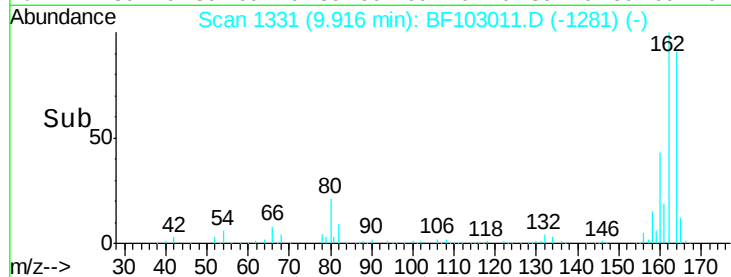
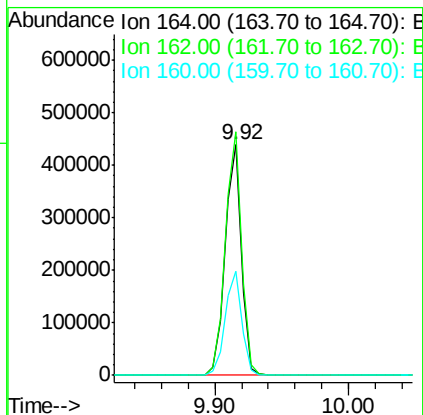
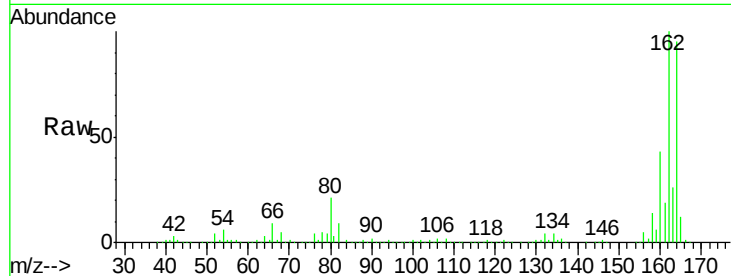
ClientSampleId :

MAIN-ST-LINE-1-WW@4

Tgt Ion:	164	Resp:	377980
Ion Ratio	Lower	Upper	
164	100		
162	105.8	86.1	129.1
160	45.3	38.3	57.5

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#41

2,4,6-Tribromophenol

Concen: 139.725 ng

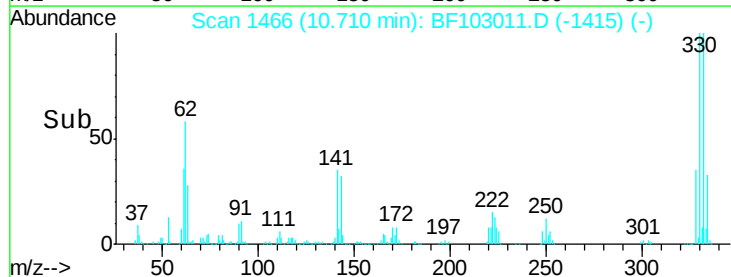
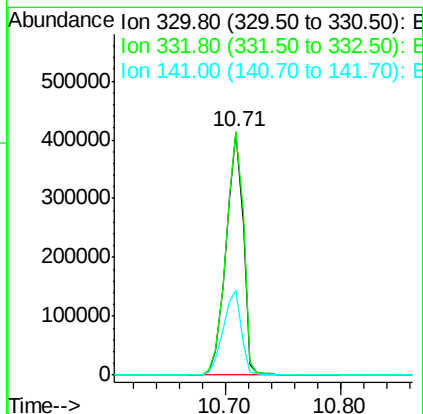
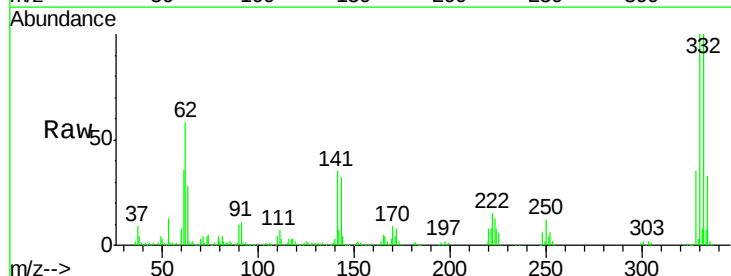
RT: 10.71 min Scan# 1466

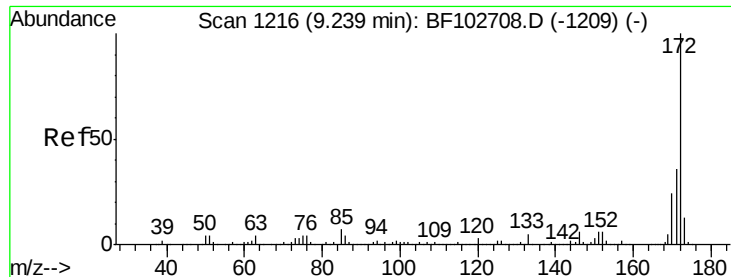
Delta R.T. -0.00 min

Lab File: BF103011.D

Acq: 15 Feb 2018 12:15

Tgt Ion:	330	Resp:	425084
Ion Ratio	Lower	Upper	
330	100		
332	102.2	77.0	115.6
141	36.9	29.9	44.9





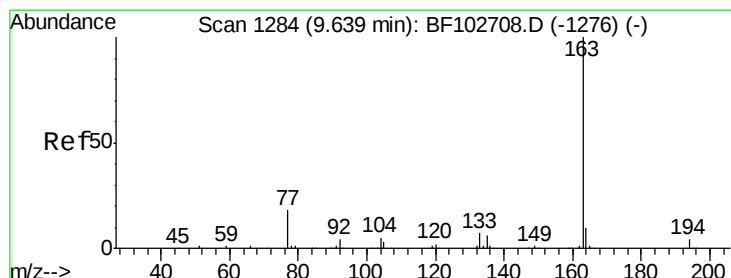
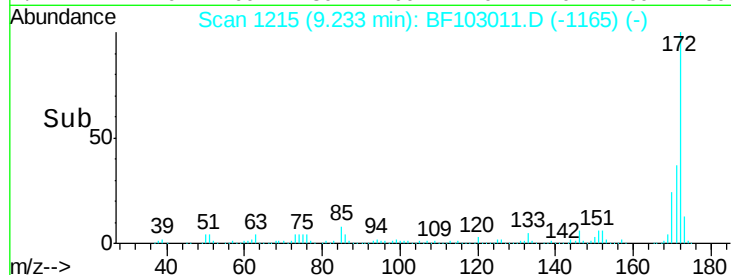
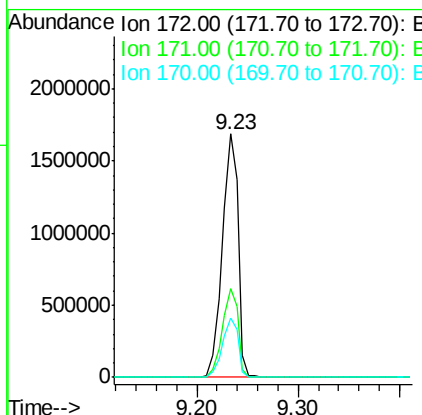
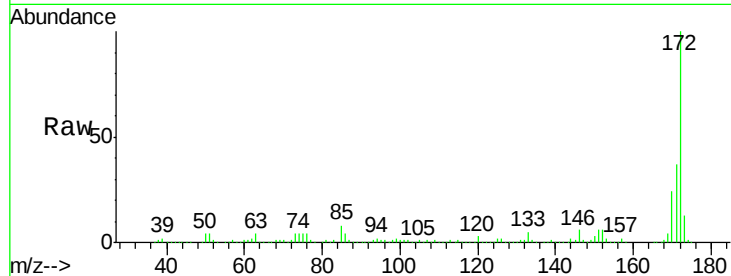
#44
2-Fluorobiphenyl
Concen: 79.606 ng
RT: 9.23 min Scan# 1215
Delta R.T. -0.01 min
Lab File: BF103011.D
Acq: 15 Feb 2018 12:15

Instrument :
BNA_F
ClientSampleId :
MAIN-ST-LINE-1-WW@4

Tgt Ion:172 Resp: 1813331
Ion Ratio Lower Upper
172 100
171 36.6 29.7 44.5
170 24.2 19.6 29.4

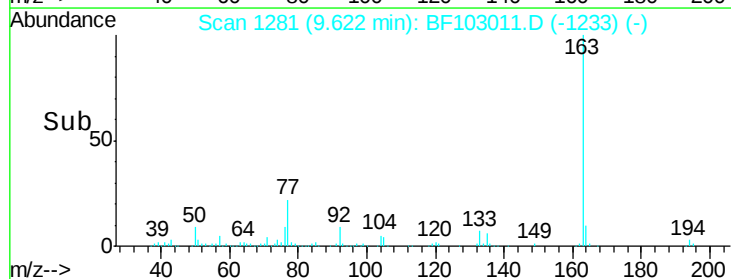
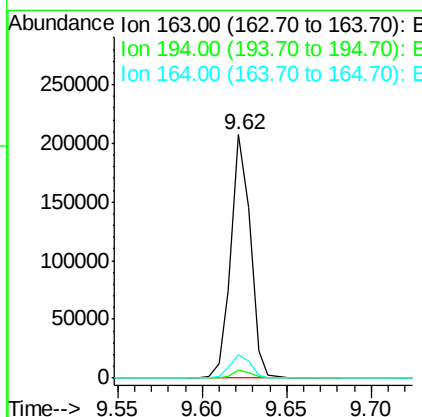
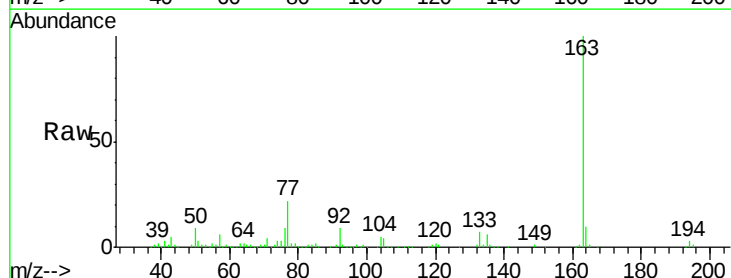
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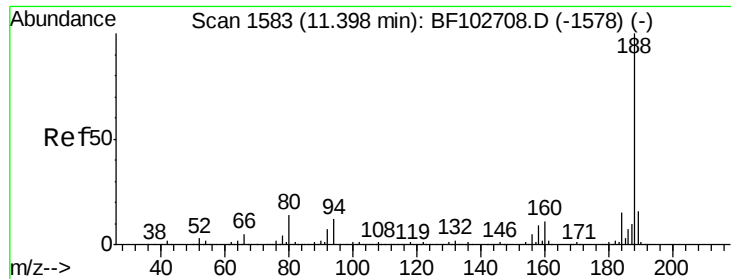
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#49
Dimethylphthalate
Concen: 5.632 ng
RT: 9.62 min Scan# 1281
Delta R.T. -0.02 min
Lab File: BF103011.D
Acq: 15 Feb 2018 12:15

Tgt Ion:163 Resp: 165972
Ion Ratio Lower Upper
163 100
194 3.2 2.7 4.1
164 9.8 8.2 12.2





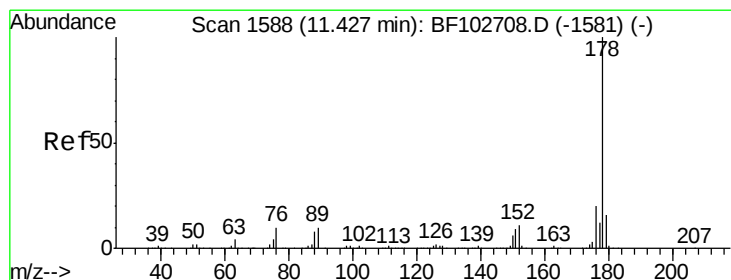
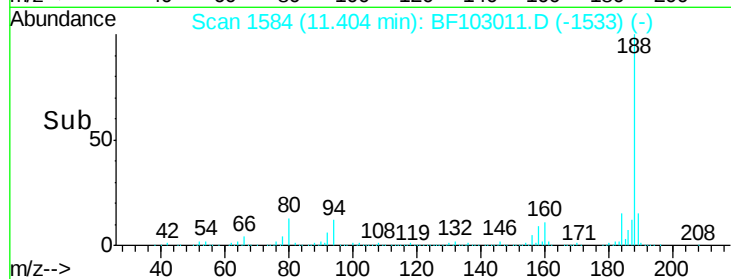
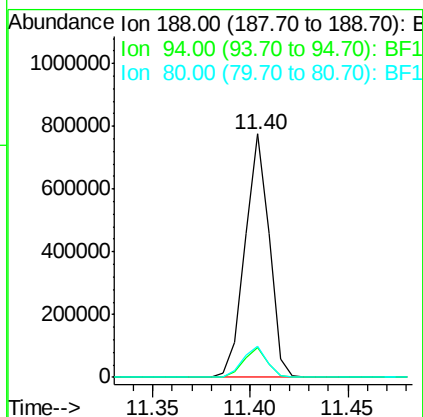
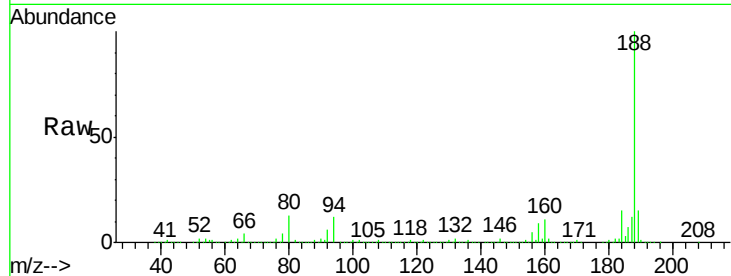
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1584
Delta R.T. -0.00 min
Lab File: BF103011.D
Acq: 15 Feb 2018 12:15

Instrument :
BNA_F
ClientSampleId :
MAIN-ST-LINE-1-WW@4

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	667224		
94	12.2	8.5	12.7	
80	12.7	9.2	13.8	

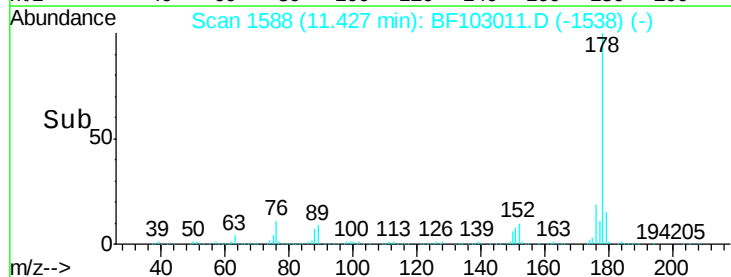
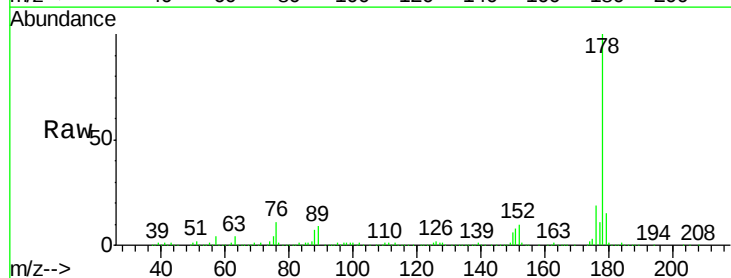
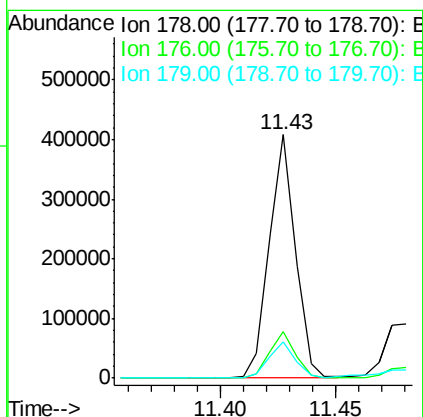
Manual Integrations
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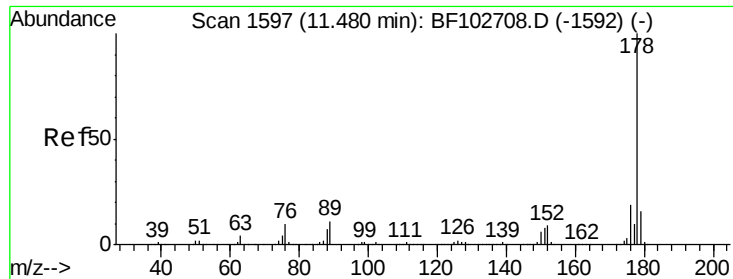
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#70
Phenanthrene
Concen: 8.700 ng
RT: 11.43 min Scan# 1588
Delta R.T. -0.01 min
Lab File: BF103011.D
Acq: 15 Feb 2018 12:15

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	323298		
176	19.3	15.8	23.8	
179	15.1	13.0	19.6	





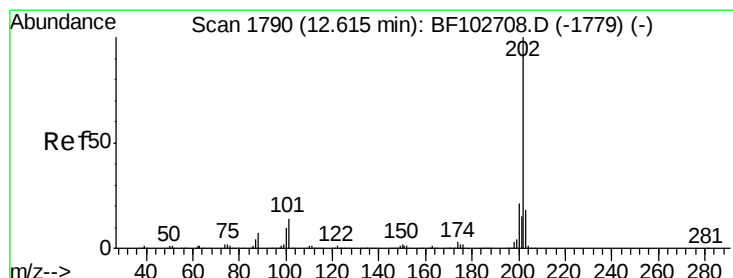
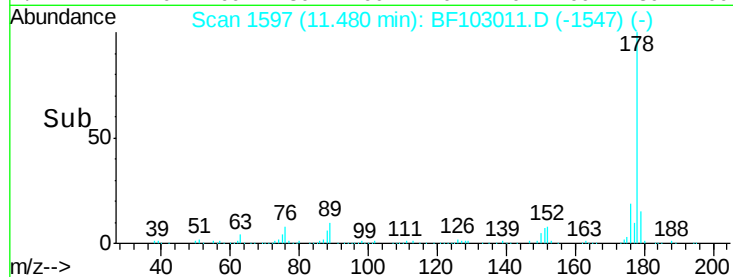
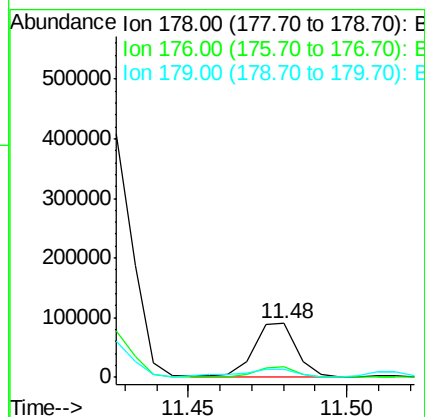
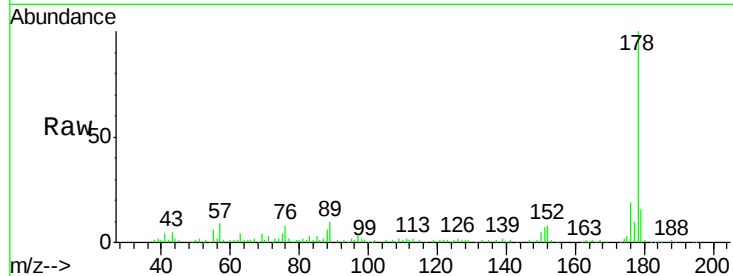
#71
 Anthracene
 Concen: 2.216 ng
 RT: 11.48 min Scan# 1597
 Delta R.T. -0.01 min
 Lab File: BF103011.D
 Acq: 15 Feb 2018 12:15

Instrument :
 BNA_F
 ClientSampleId :
 MAIN-ST-LINE-1-WW@4

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.4	23.2
179	15.6	12.6	19.0

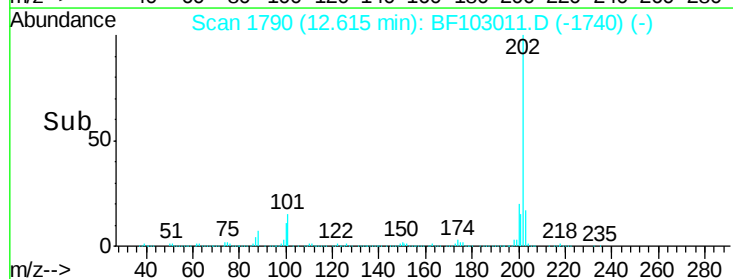
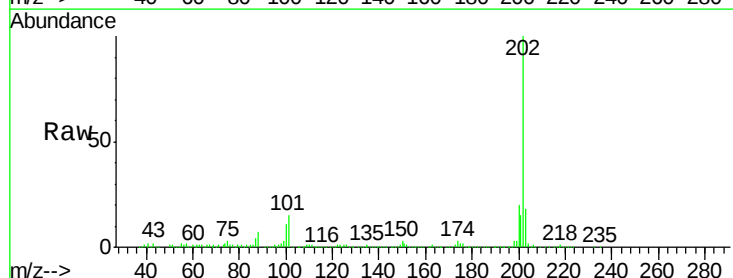
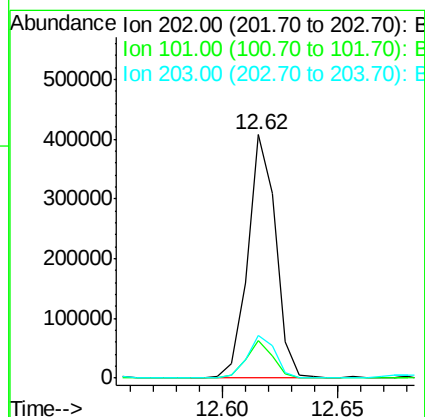
Manual Integrations
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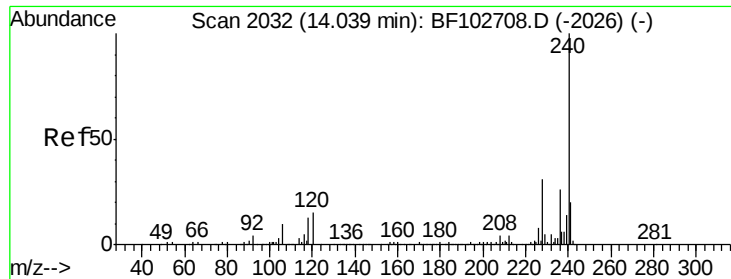
Sohil
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#74
 Fluoranthene
 Concen: 9.126 ng
 RT: 12.62 min Scan# 1790
 Delta R.T. -0.01 min
 Lab File: BF103011.D
 Acq: 15 Feb 2018 12:15

Tgt Ion	Ratio	Lower	Upper
202	100		
101	15.5	0.0	34.1
203	17.5	0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.04 min Scan# 2032

Delta R.T. -0.01 min

Lab File: BF103011.D

Acq: 15 Feb 2018 12:15

Instrument :

BNA_F

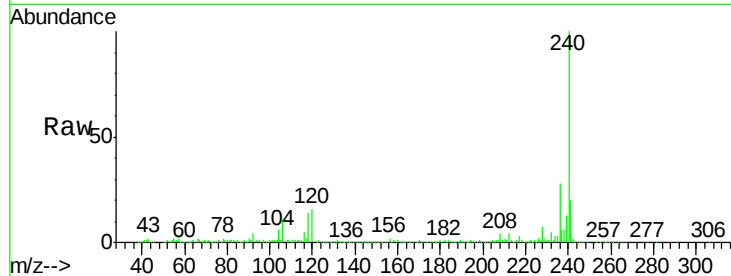
ClientSampleId :

MAIN-ST-LINE-1-WW@4

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	525139		
120	16.3	9.5	14.3#	
236	27.7	20.7	31.1	

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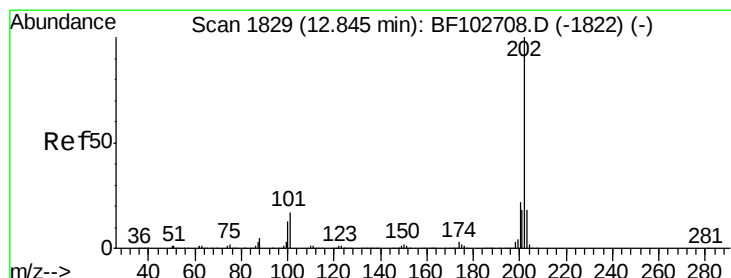
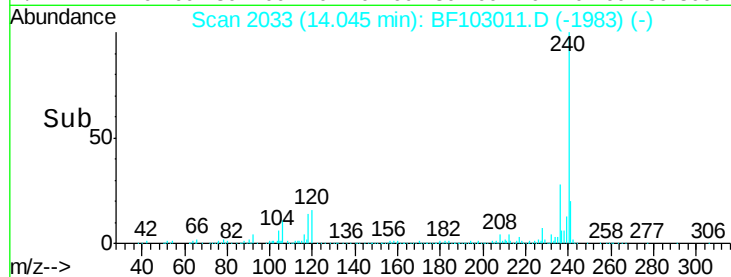
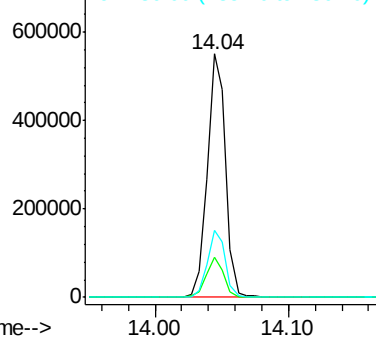
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Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#77

Pyrene

Concen: 7.198 ng

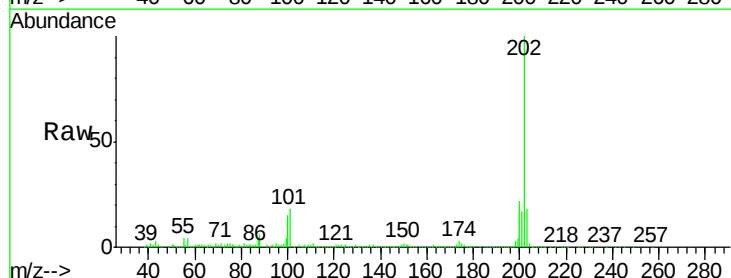
RT: 12.84 min Scan# 1829

Delta R.T. -0.01 min

Lab File: BF103011.D

Acq: 15 Feb 2018 12:15

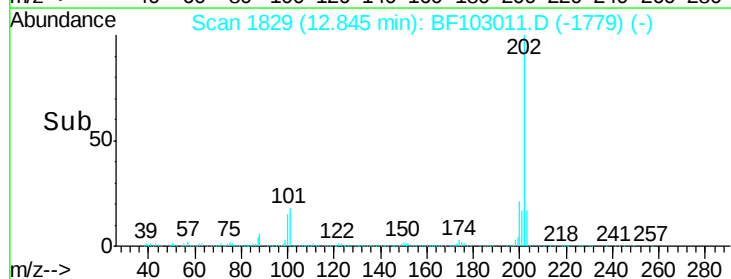
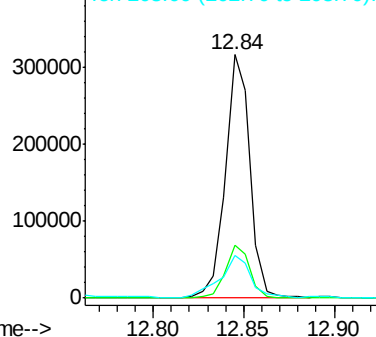
Tgt Ion	Ratio	Resp	Lower	Upper
202	100	296425		
200	21.5	17.4	26.2	
203	17.6	14.3	21.5	

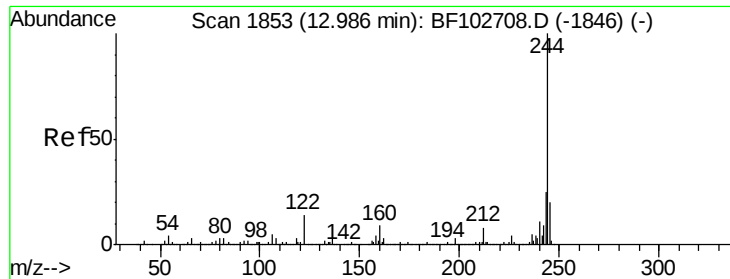


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





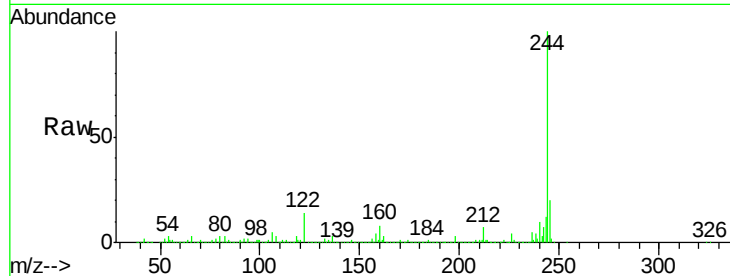
#78
 Terphenyl-d14
 Concen: 75.460 ng
 RT: 12.99 min Scan# 1854
 Delta R.T. -0.00 min
 Lab File: BF103011.D
 Acq: 15 Feb 2018 12:15

Instrument :
 BNA_F
 ClientSampleId :
 MAIN-ST-LINE-1-WW@4

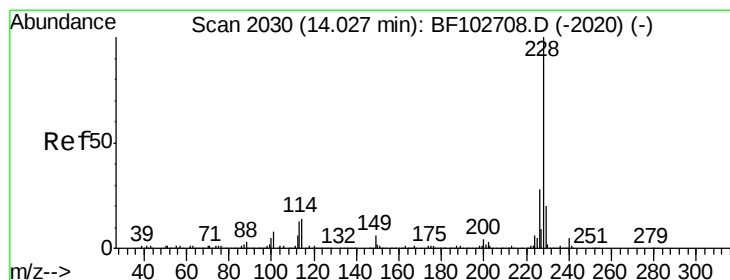
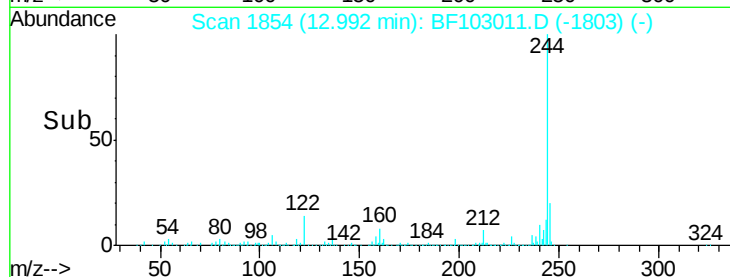
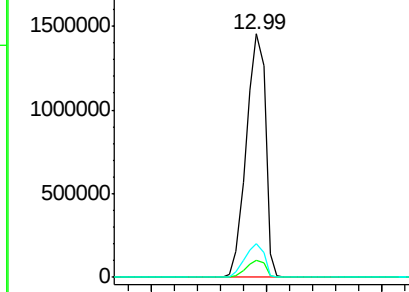
Tgt Ion:244 Resp: 1673592
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.4 8.0
 122 13.8 11.0 16.4

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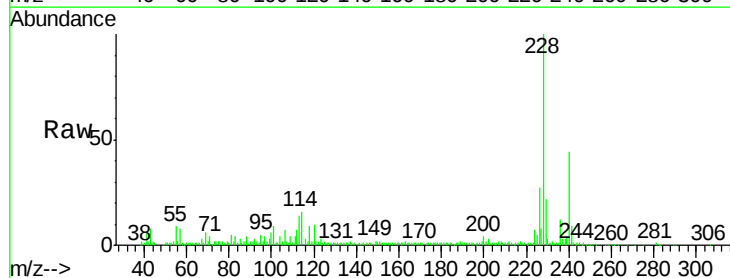


Abundance Ion 244.00 (243.70 to 244.70): E
 2000000
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E

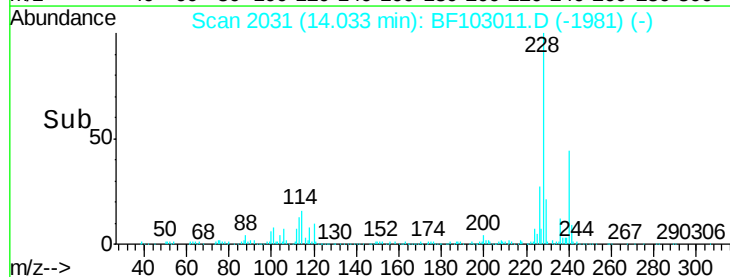
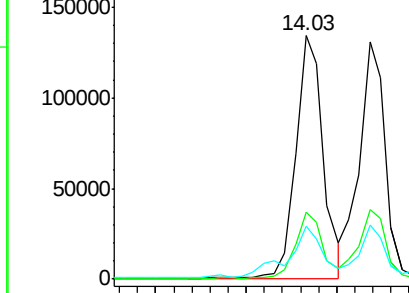


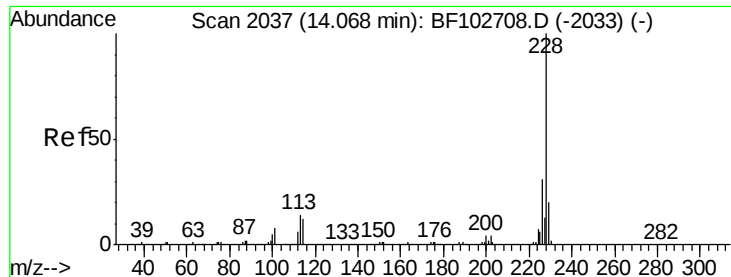
#80
 Benzo(a)anthracene
 Concen: 4.302 ng
 RT: 14.03 min Scan# 2031
 Delta R.T. -0.01 min
 Lab File: BF103011.D
 Acq: 15 Feb 2018 12:15

Tgt Ion:228 Resp: 142066
 Ion Ratio Lower Upper
 228 100
 226 27.4 22.6 33.8
 229 21.7 15.8 23.6



Abundance Ion 228.00 (227.70 to 228.70): E
 150000
 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E





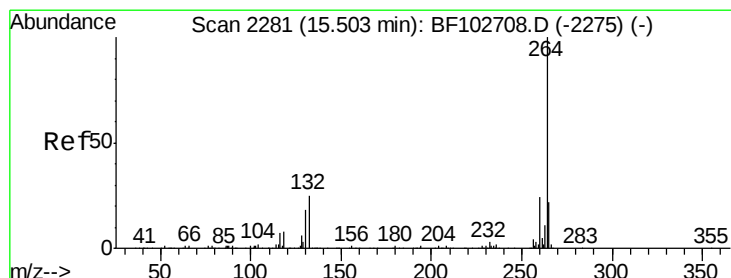
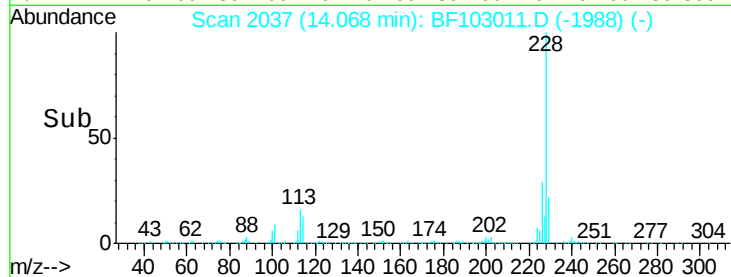
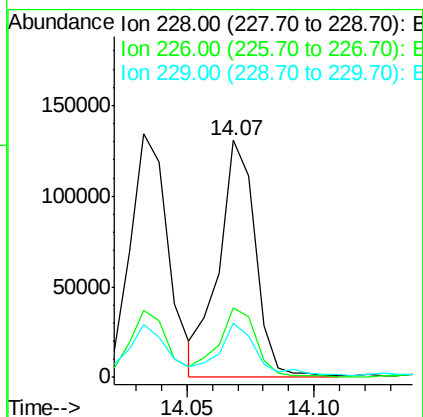
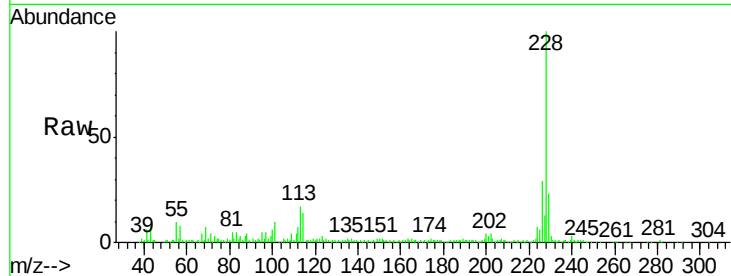
#82
Chrysene
Concen: 3.890 ng
RT: 14.07 min Scan# 2037
Delta R.T. -0.01 min
Lab File: BF103011.D
Acq: 15 Feb 2018 12:15

Instrument :
BNA_F
ClientSampleId :
MAIN-ST-LINE-1-WW@4

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	129500		
226	29.4	25.0	37.6	
229	22.8	16.2	24.4	

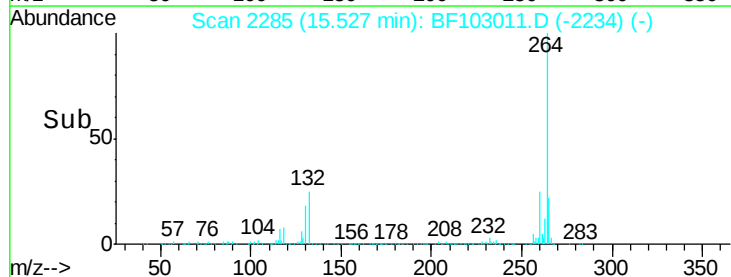
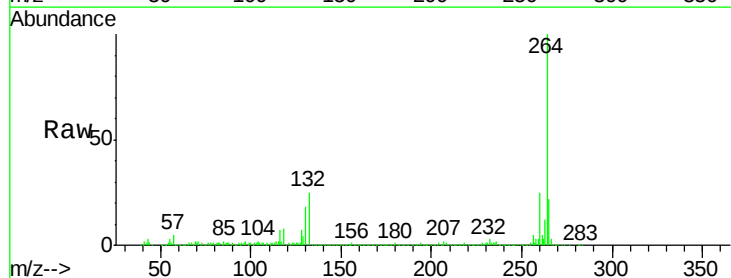
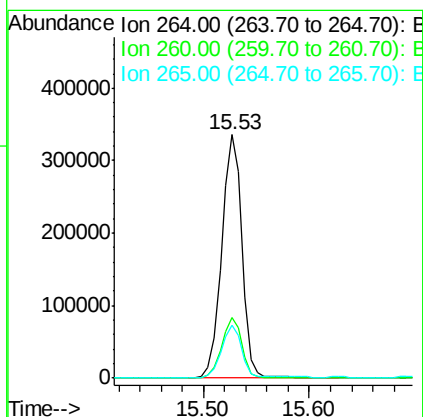
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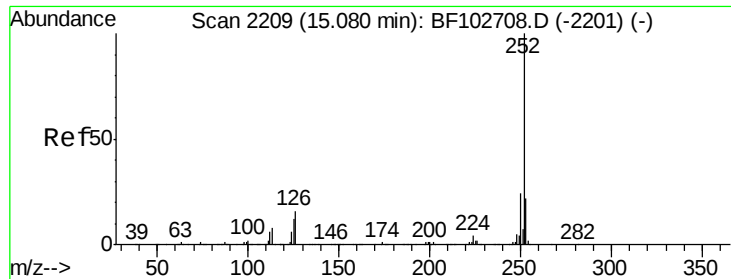
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#86
Perylene-d12
Concen: 20.000 ng
RT: 15.53 min Scan# 2285
Delta R.T. -0.00 min
Lab File: BF103011.D
Acq: 15 Feb 2018 12:15

Tgt Ion	Ratio	Resp	Lower	Upper
264	100	449728		
260	24.7	19.2	28.8	
265	21.6	17.5	26.3	





#87

Benzo(b)fluoranthene

Concen: 4.048 ng m

RT: 15.09 min Scan# 2211

Delta R.T. -0.01 min

Lab File: BF103011.D

Acq: 15 Feb 2018 12:15

Instrument :

BNA_F

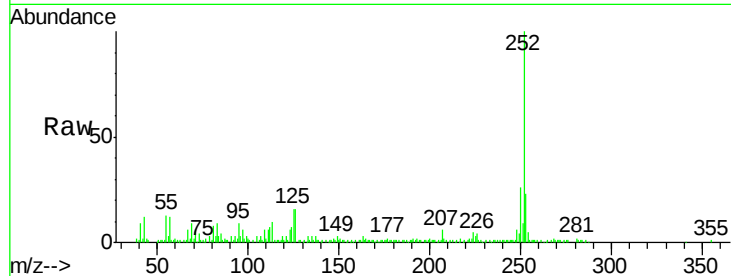
ClientSampleId :

MAIN-ST-LINE-1-WW@4

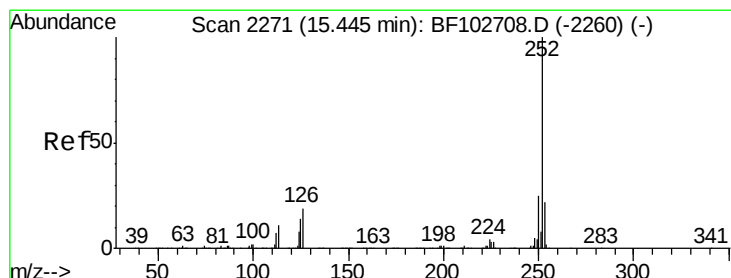
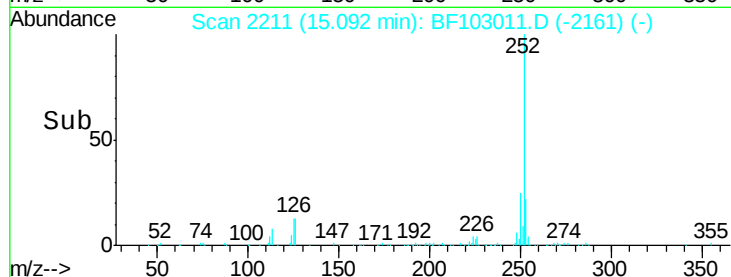
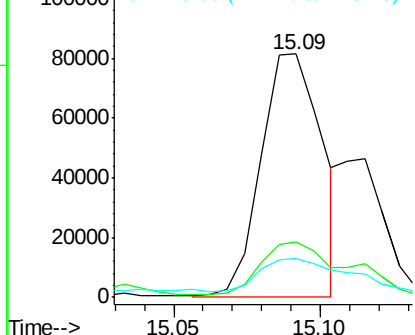
Tgt Ion:	252	Resp:	118031
Ion Ratio	Lower	Upper	
252	100		
253	22.6	17.0	25.6
125	15.9	9.0	13.6#

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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: 3.164 ng

RT: 15.46 min Scan# 2273

Delta R.T. -0.01 min

Lab File: BF103011.D

Acq: 15 Feb 2018 12:15

Tgt Ion:	252	Resp:	83053
Ion Ratio	Lower	Upper	
252	100		
253	23.7	17.1	25.7
125	17.5	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

