

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032618\
 Data File : BF103938.D
 Acq On : 26 Mar 2018 21:14
 Operator : JU/SJ
 Sample : J1758-07
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PL-02-032318-D

Manual Integrations
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Sohil
 3/27/2018 2:15:43 PM

Quant Time: Mar 27 08:18:03 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF031518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 23 13:26:17 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	153340	20.00	ng	0.00
21) Naphthalene-d8	8.26	136	630852	20.00	ng	0.00
38) Acenaphthene-d10	10.02	164	285536	20.00	ng	0.00
63) Phenanthrene-d10	11.51	188	485414	20.00	ng	0.00
75) Chrysene-d12	14.16	240	335715	20.00	ng	0.00
86) Perylene-d12	15.71	264	293330	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	926554	91.91	ng	0.01
7) Phenol-d6	6.60	99	1136504	92.14	ng	0.00
23) Nitrobenzene-d5	7.53	82	699682	77.34	ng	0.00
41) 2,4,6-Tribromophenol	10.81	330	284442	115.86	ng	0.00
44) 2-Fluorobiphenyl	9.33	172	1178743	65.85	ng	0.00
78) Terphenyl-d14	13.10	244	974245	67.36	ng	0.00
Target Compounds						
10) Phenol	6.61	94	31399	2.396	ng	93
49) Dimethylphthalate	9.72	163	79708	3.659	ng	99
70) Phenanthrene	11.53	178	197463	7.436	ng	98
74) Fluoranthene	12.73	202	153033	5.594	ng	96
77) Pyrene	12.96	202	129437	5.250	ng	99
80) Benzo(a)anthracene	14.15	228	54297	2.555	ng	97
82) Chrysene	14.19	228	46472	2.294	ng	94
83) Bis(2-ethylhexyl)phthalate	14.12	149	60498	3.877	ng	99
87) Benzo(b)fluoranthene	15.24	252	46954m	2.534	ng	
89) Benzo(a)pyrene	15.64	252	35025	2.084	ng	# 85

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

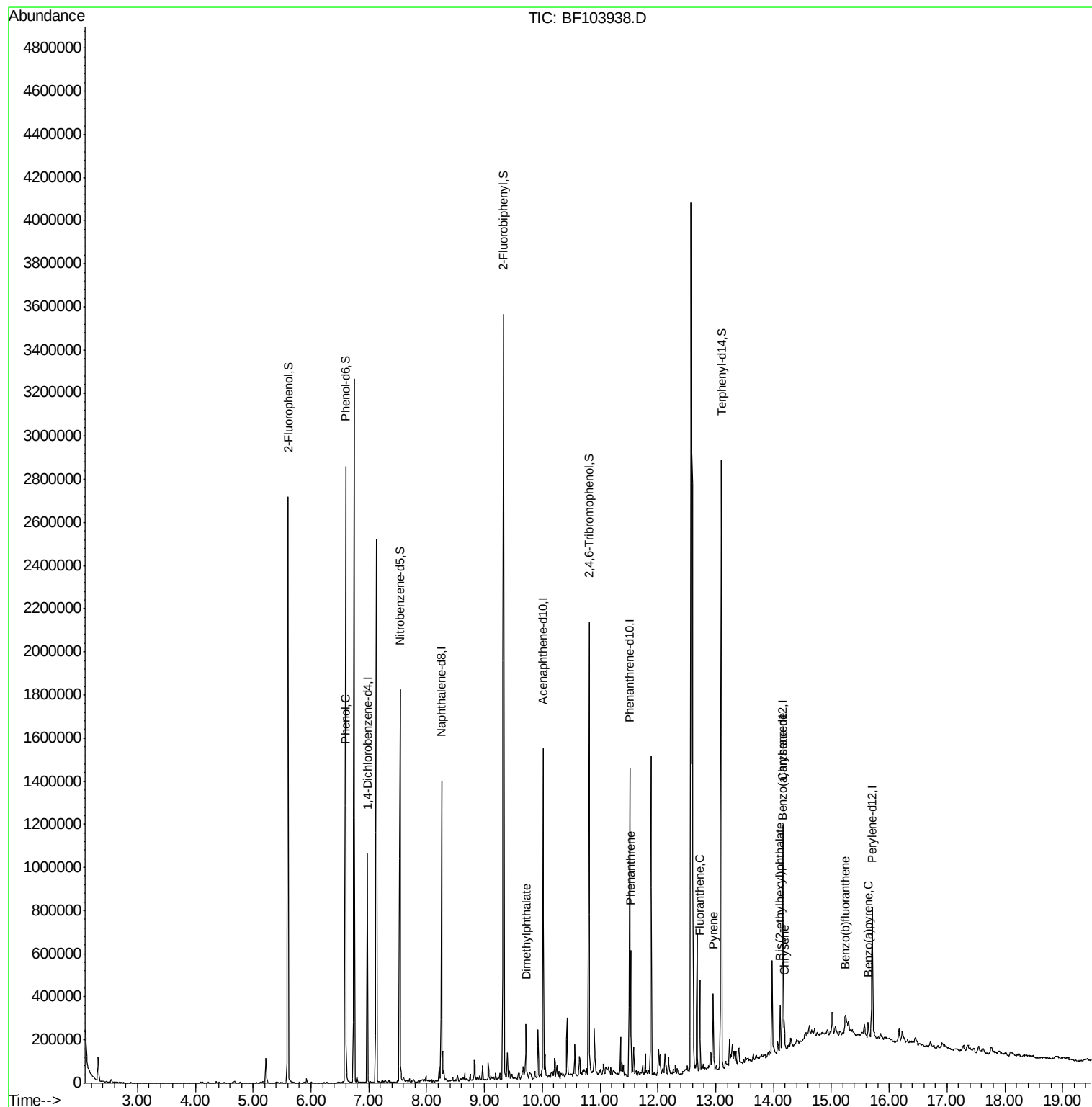
Data Path : Z:\HPCHEM1\BNA F\DATA\BF032618\
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Sample : J1758-07
Misc :
ALS Vial : 11 Sample Multiplier: 1

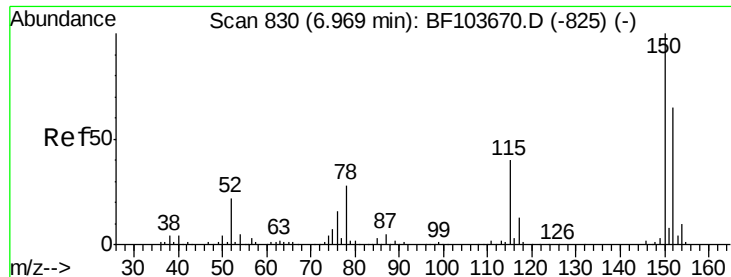
Instrument :
BNA_F
ClientSampleId :
PL-02-032318-D

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#1

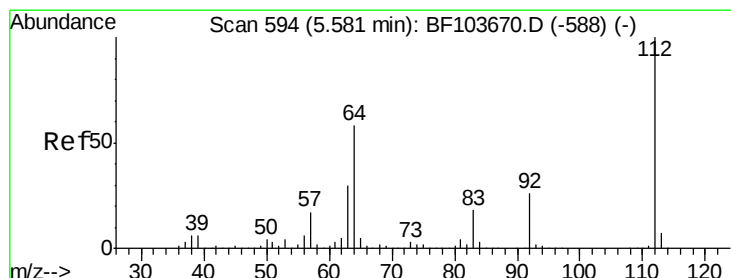
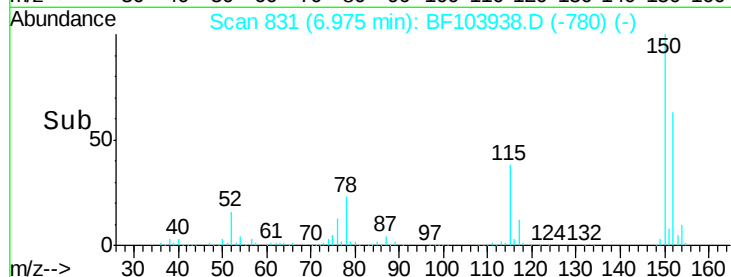
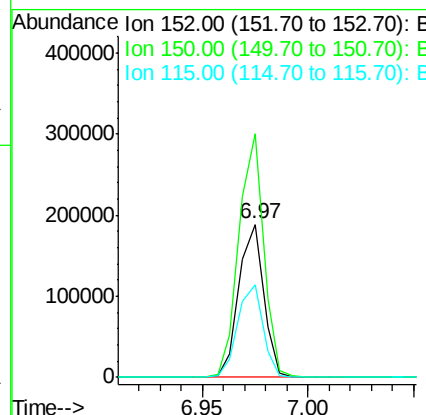
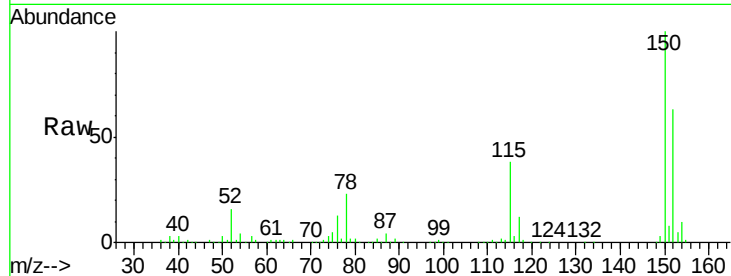
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 831
Delta R.T. -0.00 min
Lab File: BF103938.D
Acq: 26 Mar 2018 21:14

Instrument :
BNA_F
ClientSampleId :
PL-02-032318-D

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.2	124.6	186.8
115	60.6	50.1	75.1

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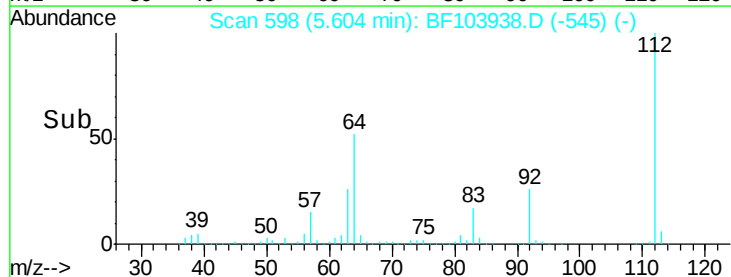
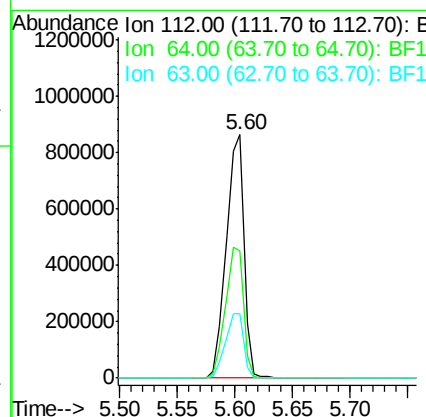
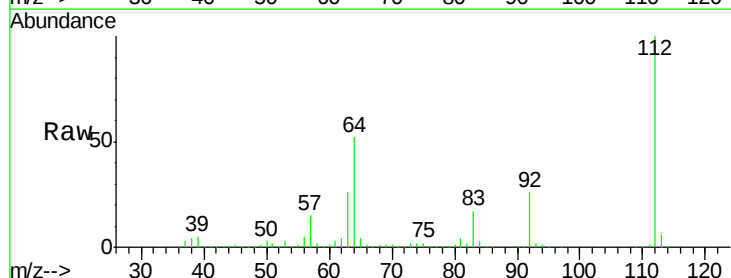
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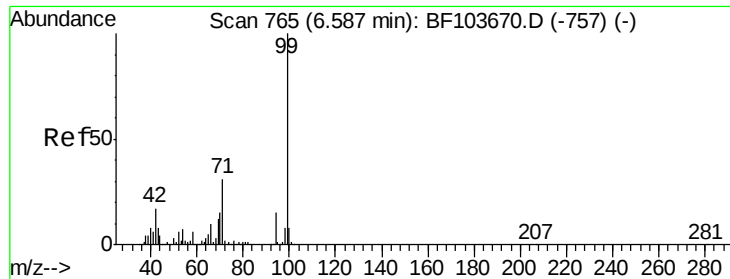


#5

2-Fluorophenol
Concen: 91.906 ng
RT: 5.60 min Scan# 598
Delta R.T. 0.01 min
Lab File: BF103938.D
Acq: 26 Mar 2018 21:14

Tgt Ion	Ratio	Lower	Upper
112	100		
64	52.0	47.9	71.9
63	26.3	23.7	35.5





#7

Phenol-d6

Concen: 92.143 ng

RT: 6.60 min Scan# 767

Delta R.T. -0.00 min

Lab File: BF103938.D

Acq: 26 Mar 2018 21:14

Instrument :

BNA_F

ClientSampleId :

PL-02-032318-D

Tot Ion: 99 Resp: 1136504

Ion Ratio Lower Upper

99 100

42 15.7 14.5 21.7

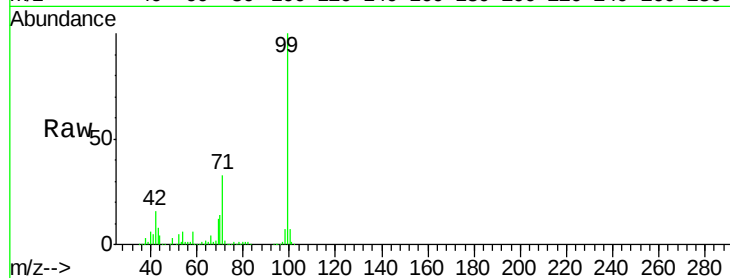
71 33.0 25.4 38.0

Manual Integrations

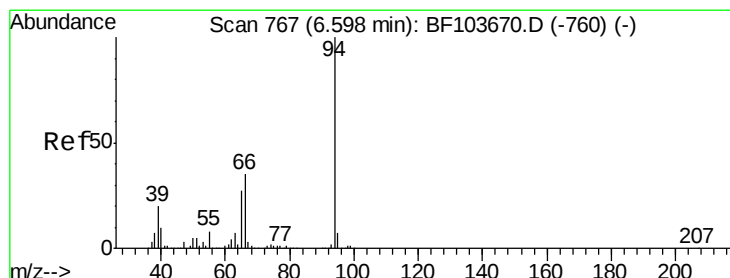
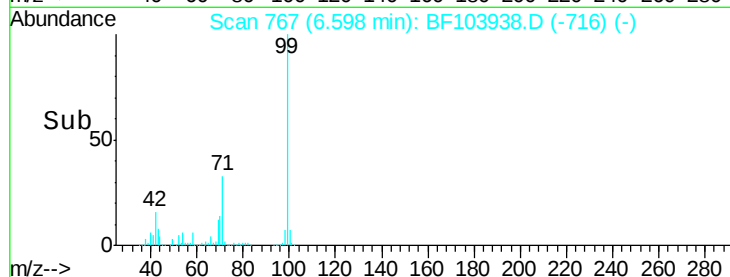
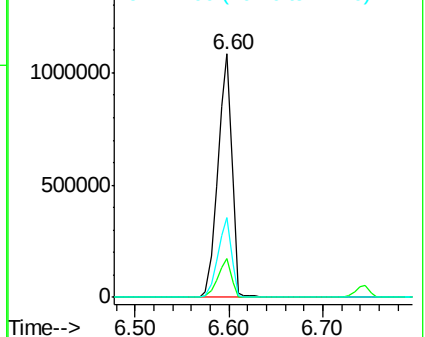
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Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#10

Phenol

Concen: 2.396 ng

RT: 6.61 min Scan# 769

Delta R.T. -0.00 min

Lab File: BF103938.D

Acq: 26 Mar 2018 21:14

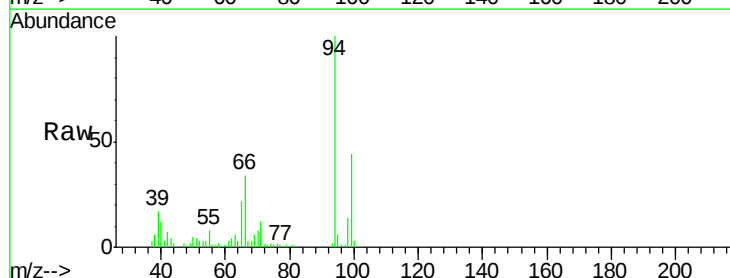
Tgt Ion: 94 Resp: 31399

Ion Ratio Lower Upper

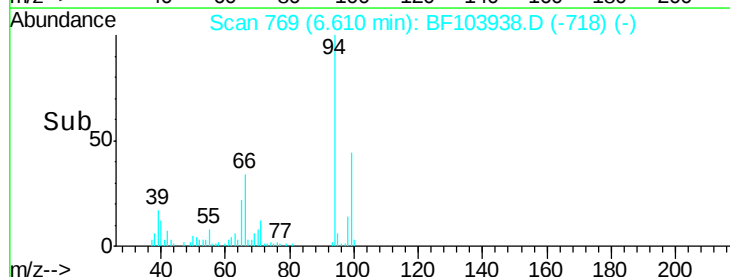
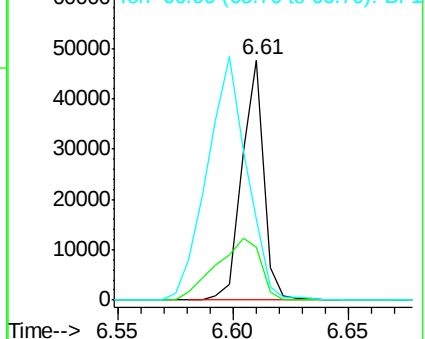
94 100

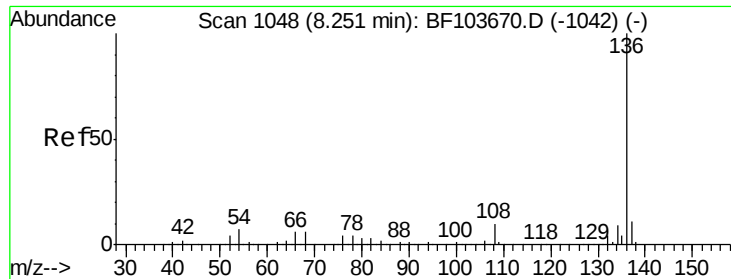
65 22.1 7.9 47.9

66 33.7 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: 8.26 min Scan# 1049

Delta R.T. -0.00 min

Lab File: BF103938.D

Acq: 26 Mar 2018 21:14

Instrument :

BNA_F

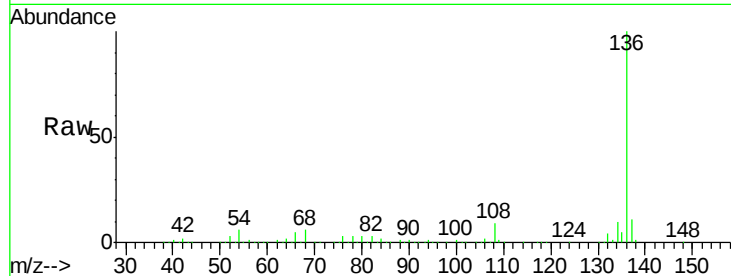
ClientSampleId :

PL-02-032318-D

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		630852		
137	11.0		8.9	13.3	
54	6.4		6.6	9.8	
68	5.9		5.0	7.4	

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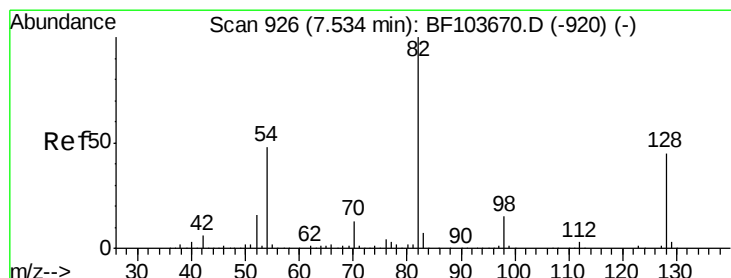
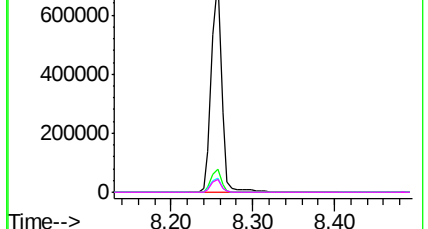
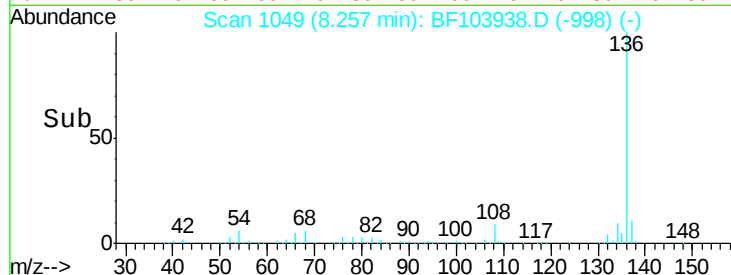


Abundance Ion 136.00 (135.70 to 136.70): E

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: 77.345 ng

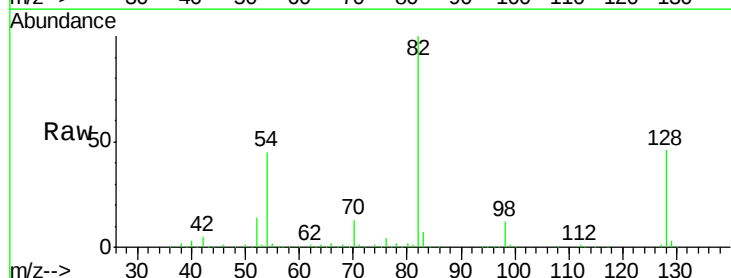
RT: 7.53 min Scan# 926

Delta R.T. -0.01 min

Lab File: BF103938.D

Acq: 26 Mar 2018 21:14

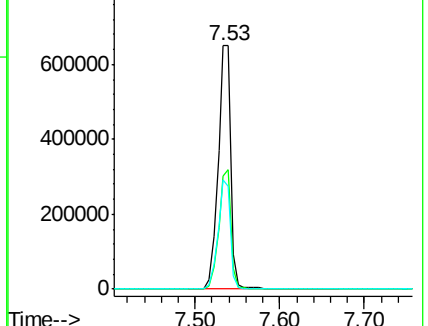
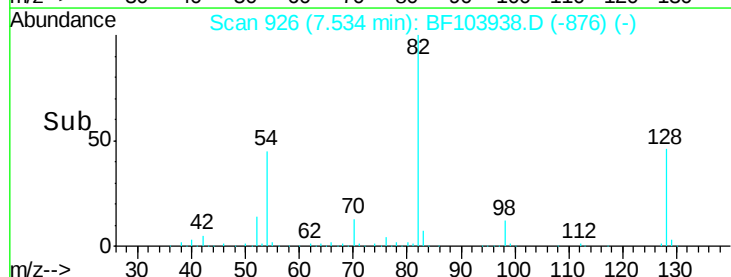
Tgt Ion	Ion	Ratio	Resp	Lower	Upper
82	100		699682		
128	46.4		36.1	54.1	
54	44.9		41.4	62.2	

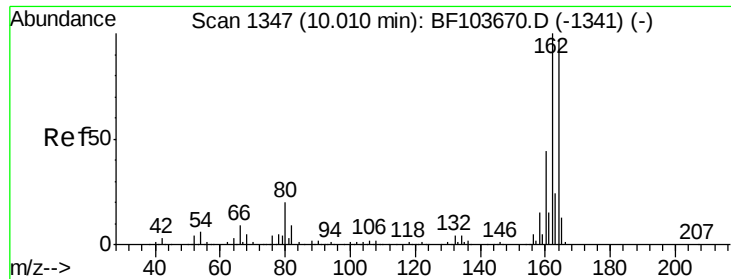


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





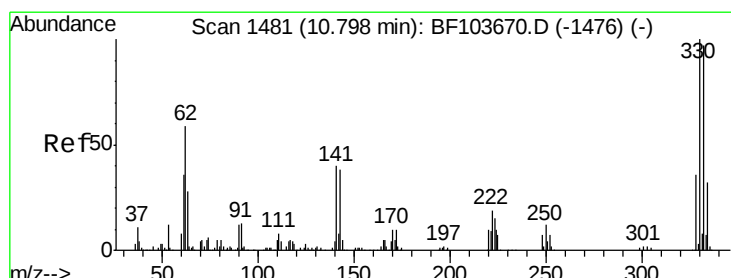
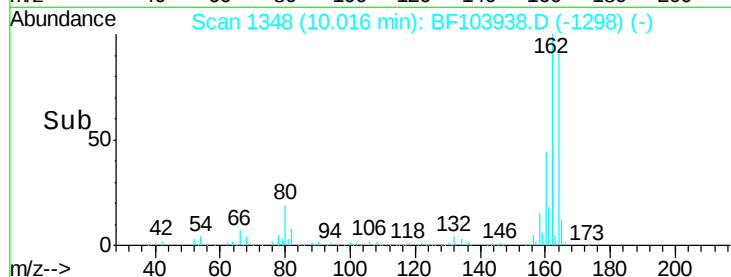
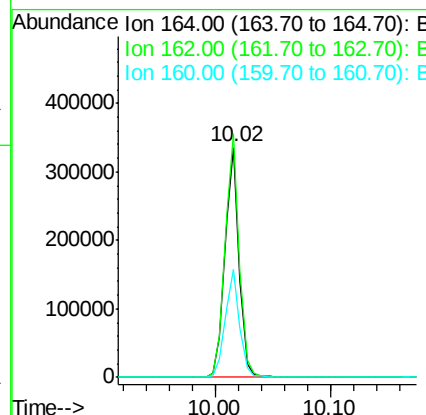
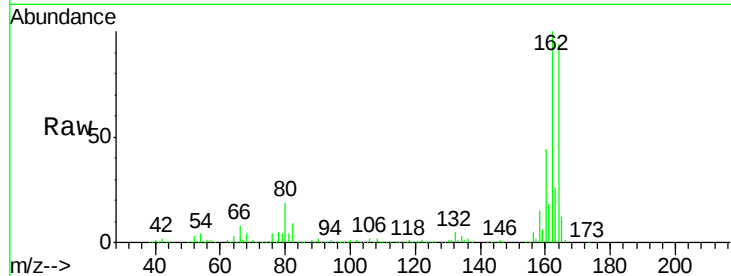
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.02 min Scan# 1348
Delta R.T. -0.01 min
Lab File: BF103938.D
Acq: 26 Mar 2018 21:14

Instrument :
BNA_F
ClientSampleId :
PL-02-032318-D

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	106.0	86.1	129.1	
160	46.8	38.3	57.5	

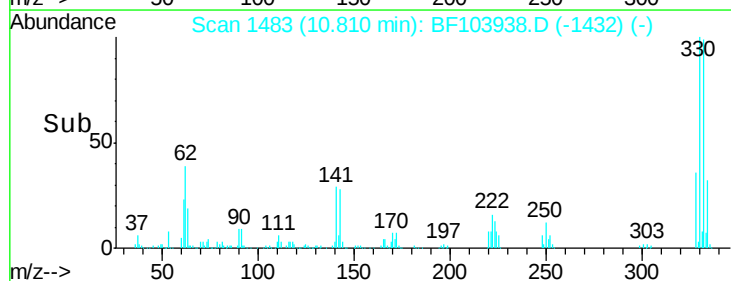
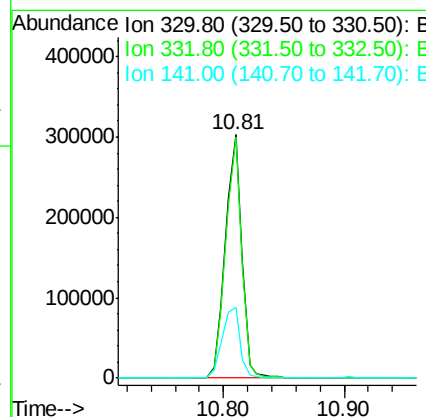
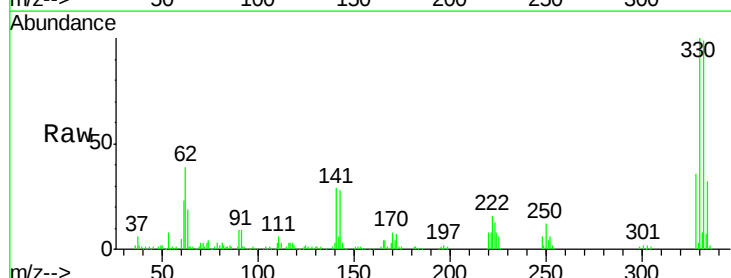
Manual Integrations
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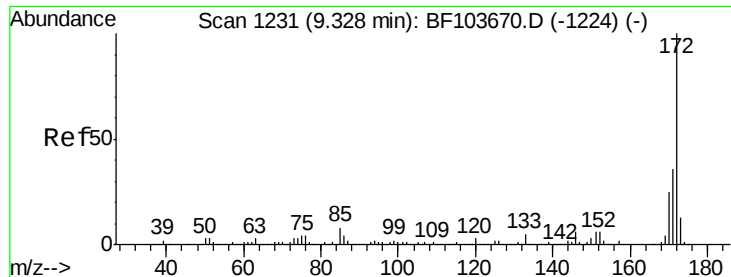
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#41
2,4,6-Tribromophenol
Concen: 115.860 ng
RT: 10.81 min Scan# 1483
Delta R.T. -0.00 min
Lab File: BF103938.D
Acq: 26 Mar 2018 21:14

Tgt Ion	Ratio	Resp	Lower	Upper
330	100			
332	96.6	77.0	115.6	
141	31.7	29.9	44.9	





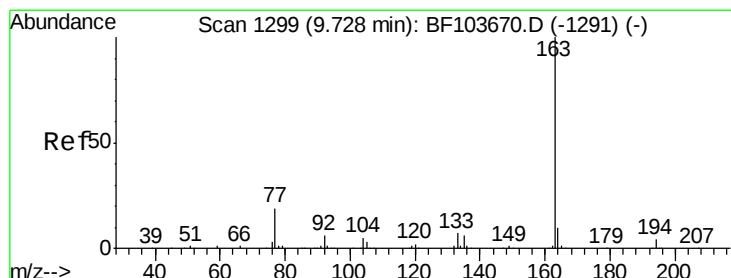
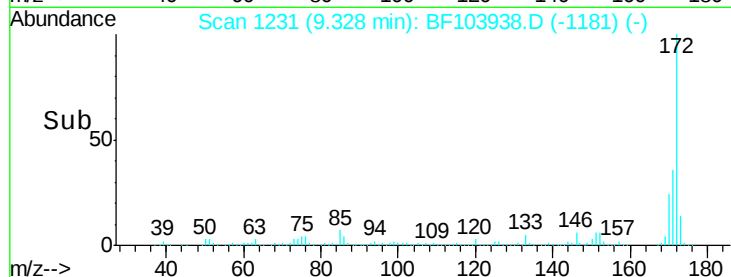
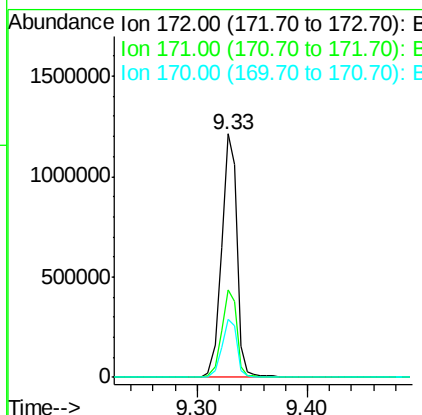
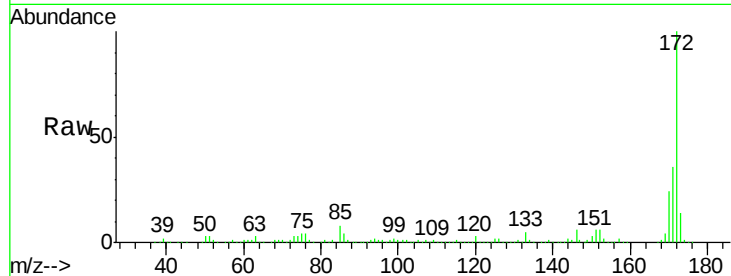
#44
2-Fluorobiphenyl
Concen: 65.851 ng
RT: 9.33 min Scan# 1231
Delta R.T. -0.01 min
Lab File: BF103938.D
Acq: 26 Mar 2018 21:14

Instrument :
BNA_F
ClientSampleId :
PL-02-032318-D

Tot Ion:172 Resp: 1178743
Ion Ratio Lower Upper
172 100
171 35.8 29.7 44.5
170 23.8 19.6 29.4

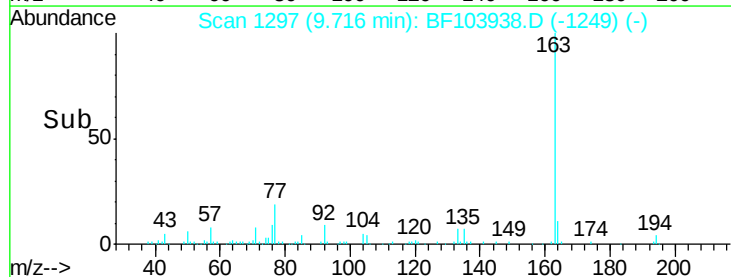
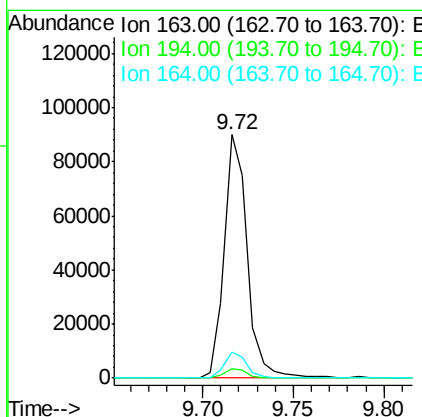
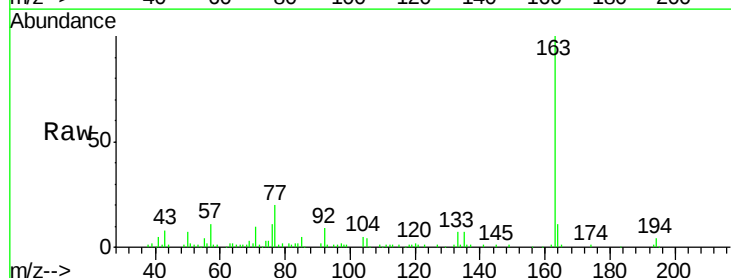
Manual Integrations
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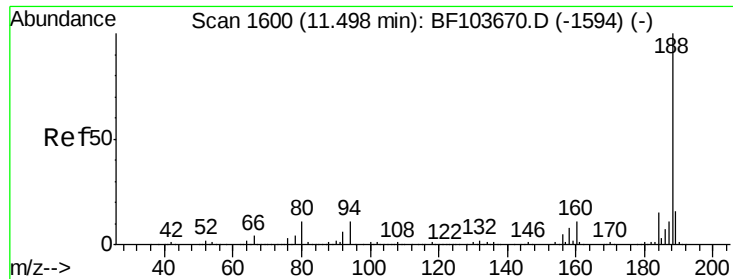
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#49
Dimethylphthalate
Concen: 3.659 ng
RT: 9.72 min Scan# 1297
Delta R.T. -0.02 min
Lab File: BF103938.D
Acq: 26 Mar 2018 21:14

Tgt Ion:163 Resp: 79708
Ion Ratio Lower Upper
163 100
194 3.7 2.7 4.1
164 10.6 8.2 12.2





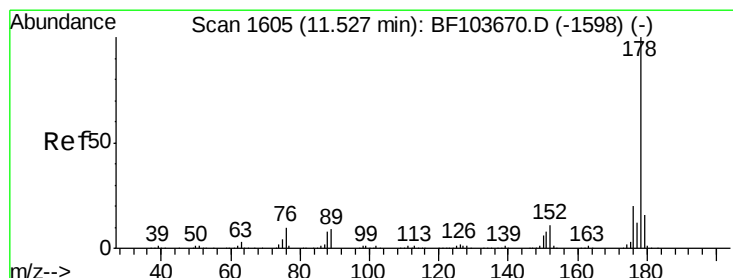
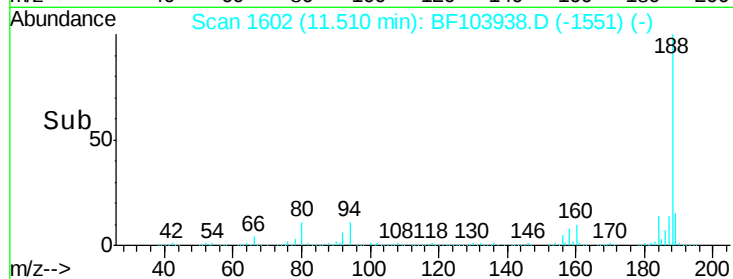
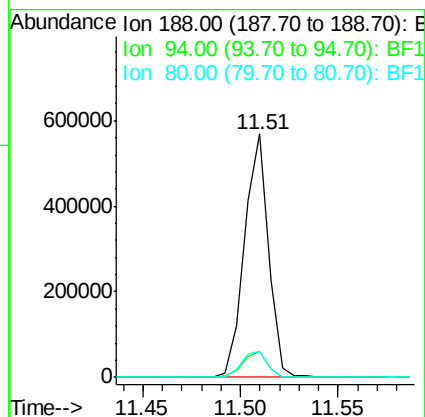
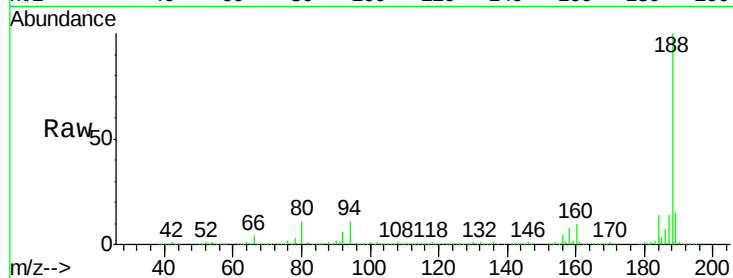
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.51 min Scan# 1602
Delta R.T. -0.00 min
Lab File: BF103938.D
Acq: 26 Mar 2018 21:14

Instrument :
BNA_F
ClientSampleId :
PL-02-032318-D

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	10.5	8.5	12.7
80	10.7	9.2	13.8

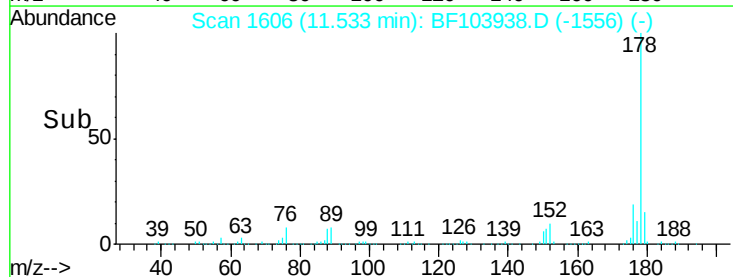
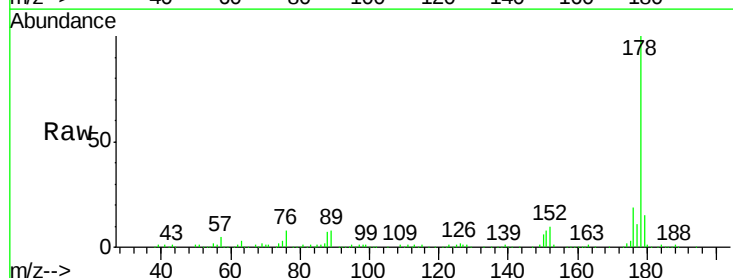
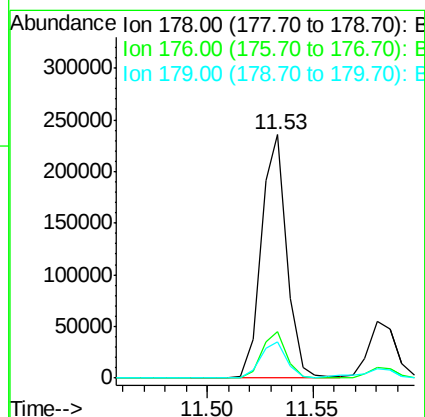
Manual Integrations
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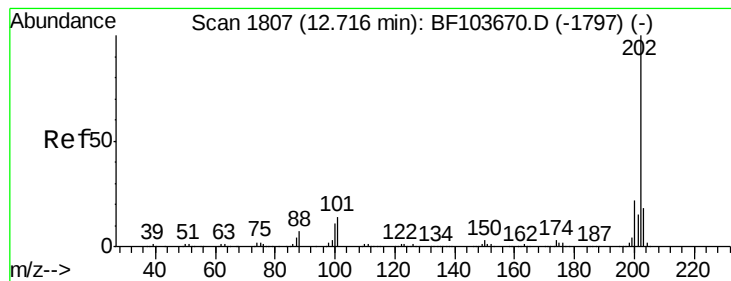
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#70
Phenanthrene
Concen: 7.436 ng
RT: 11.53 min Scan# 1606
Delta R.T. -0.01 min
Lab File: BF103938.D
Acq: 26 Mar 2018 21:14

Tgt Ion	Ratio	Resp Lower	Upper
178	100		
176	19.1	15.8	23.8
179	15.1	13.0	19.6





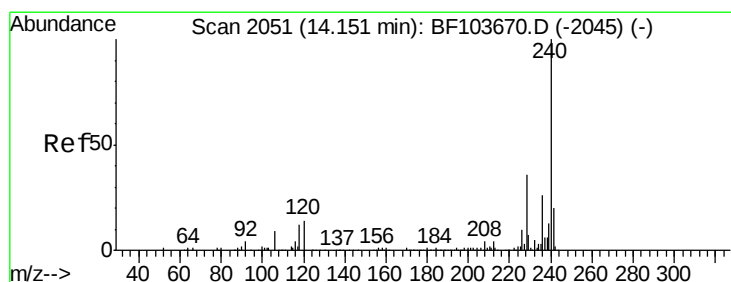
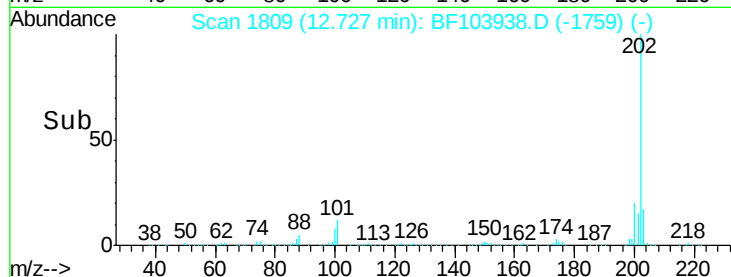
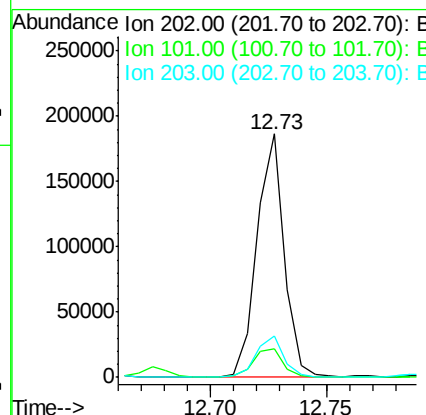
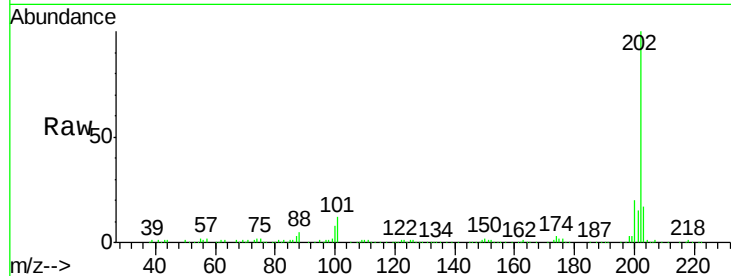
#74
Fluoranthene
Concen: 5.594 ng
RT: 12.73 min Scan# 1809
Delta R.T. -0.01 min
Lab File: BF103938.D
Acq: 26 Mar 2018 21:14

Instrument :
BNA_F
ClientSampleId :
PL-02-032318-D

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	11.6	0.0	34.1
203	16.9	0.0	38.1

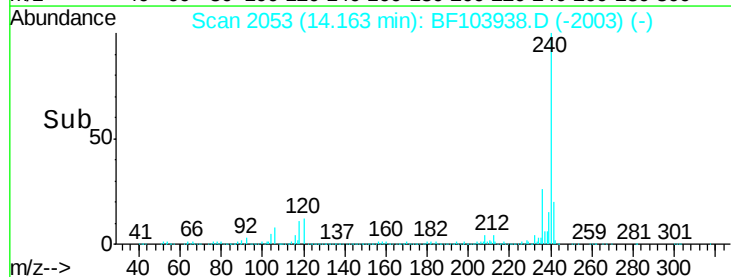
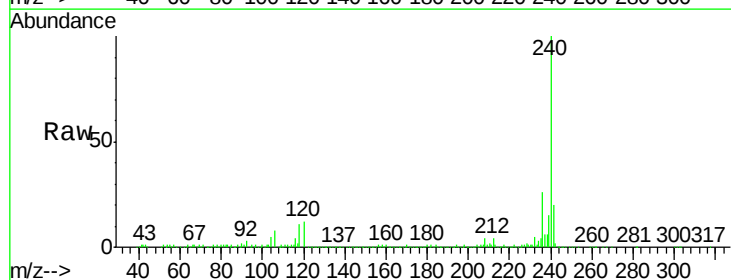
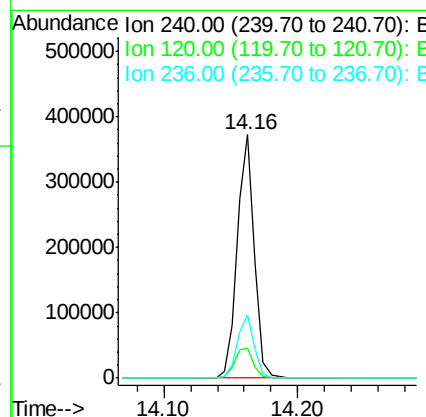
Manual Integrations
APPROVED

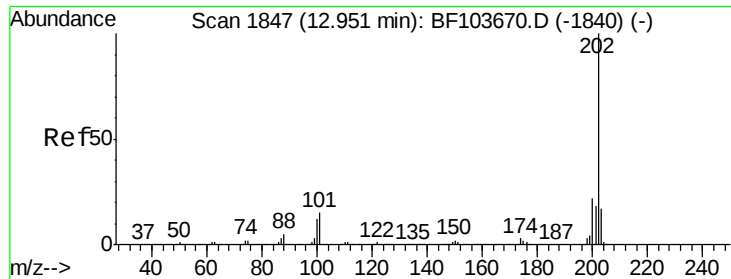
Sohil
3/27/2018 2:15:43 PM



#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.16 min Scan# 2053
Delta R.T. -0.01 min
Lab File: BF103938.D
Acq: 26 Mar 2018 21:14

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	12.4	9.5	14.3
236	25.9	20.7	31.1





#77

Pvrene

Concen: 5.250 ng

RT: 12.96 min Scan# 1848

Delta R.T. -0.01 min

Lab File: BF103938.D

Acq: 26 Mar 2018 21:14

Instrument :

BNA_F

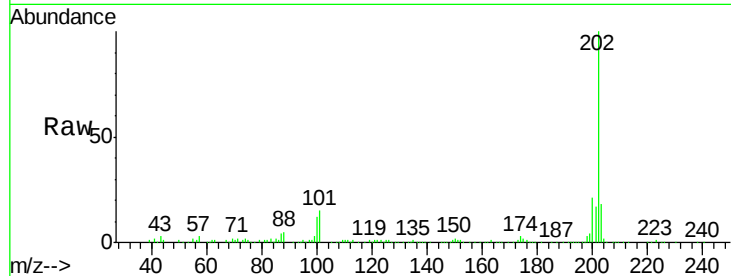
ClientSampleId :

PL-02-032318-D

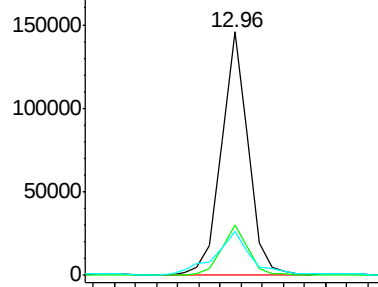
Tot Ion:	202	Resp:	129437
Ion Ratio		Lower	Upper
202	100		
200	20.8	17.4	26.2
203	18.0	14.3	21.5

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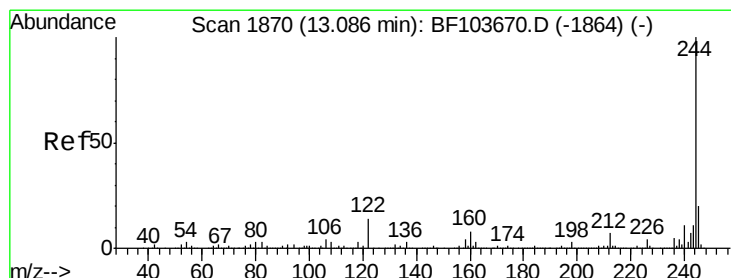
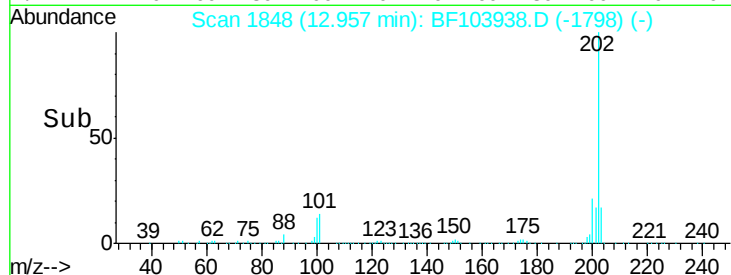
Sohil
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Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E



Time-->



#78

Terphenyl-d14

Concen: 67.360 ng

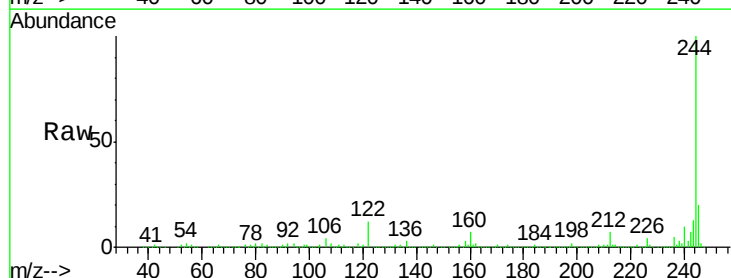
RT: 13.10 min Scan# 1872

Delta R.T. -0.00 min

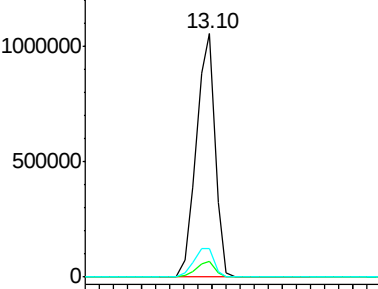
Lab File: BF103938.D

Acq: 26 Mar 2018 21:14

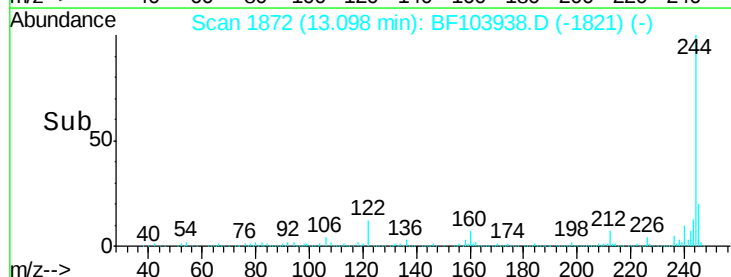
Tgt Ion:	244	Resp:	974245
Ion Ratio		Lower	Upper
244	100		
212	6.6	5.4	8.0
122	11.8	11.0	16.4

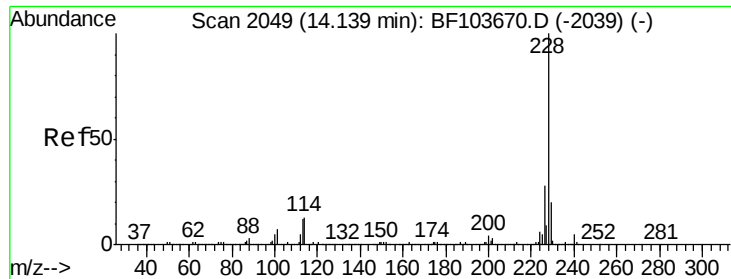


Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E



Time-->





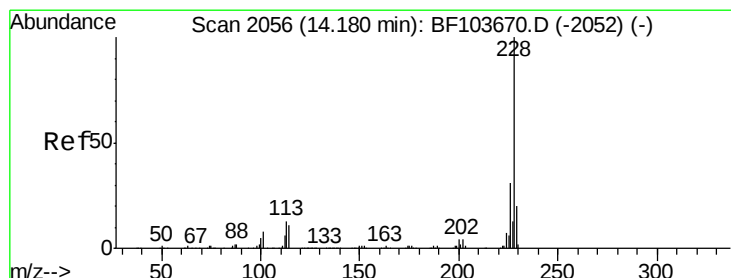
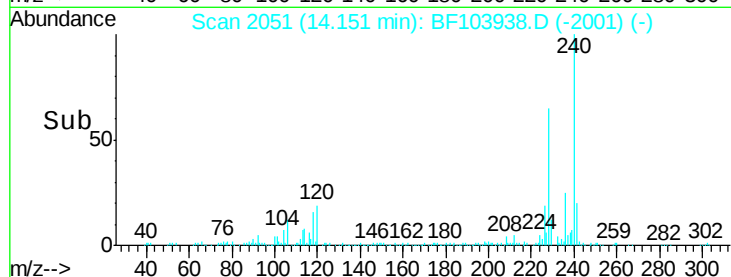
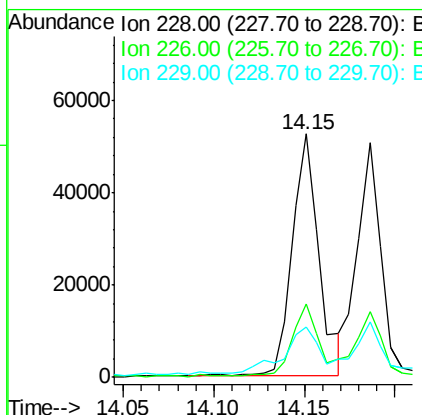
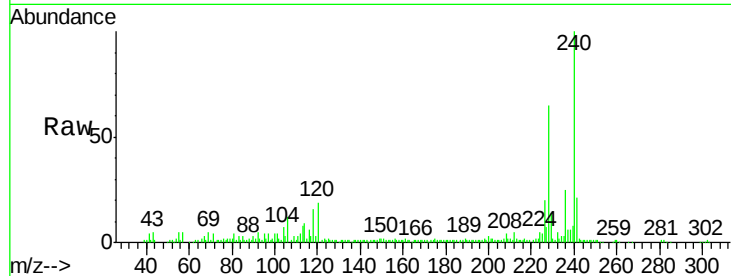
#80
Benzo(a)anthracene
Concen: 2.555 ng
RT: 14.15 min Scan# 2051
Delta R.T. -0.01 min
Lab File: BF103938.D
Acq: 26 Mar 2018 21:14

Instrument :
BNA_F
ClientSampleId :
PL-02-032318-D

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.2	22.6	33.8
229	20.7	15.8	23.6

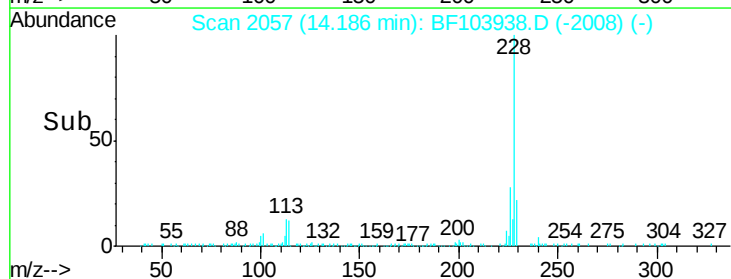
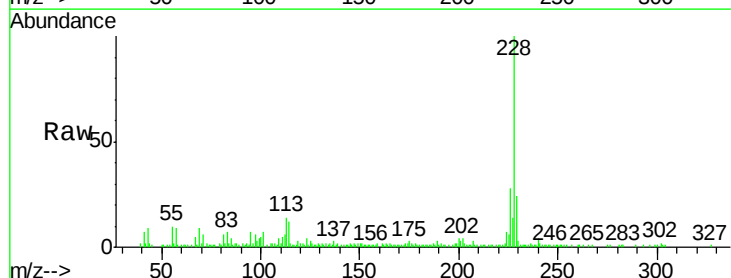
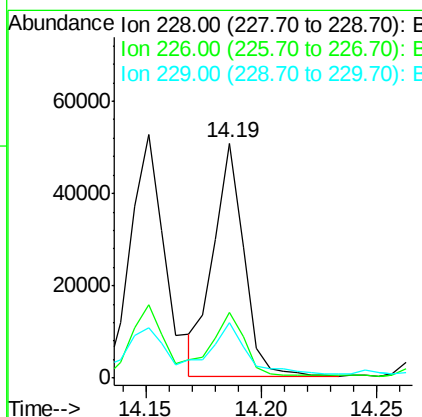
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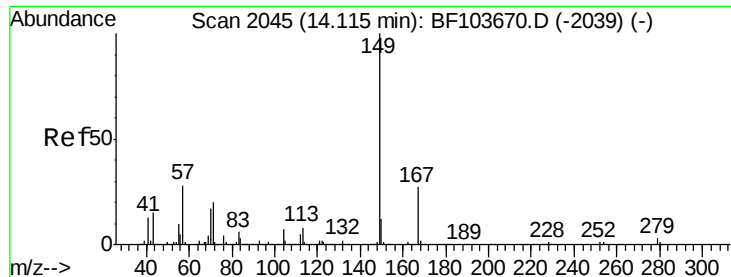
Sohil
3/27/2018 2:15:43 PM



#82
Chrysene
Concen: 2.294 ng
RT: 14.19 min Scan# 2057
Delta R.T. -0.01 min
Lab File: BF103938.D
Acq: 26 Mar 2018 21:14

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.2	25.0	37.6
229	23.5	16.2	24.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 3.877 ng

RT: 14.12 min Scan# 2045

Delta R.T. -0.01 min

Lab File: BF103938.D

Acq: 26 Mar 2018 21:14

Instrument :

BNA_F

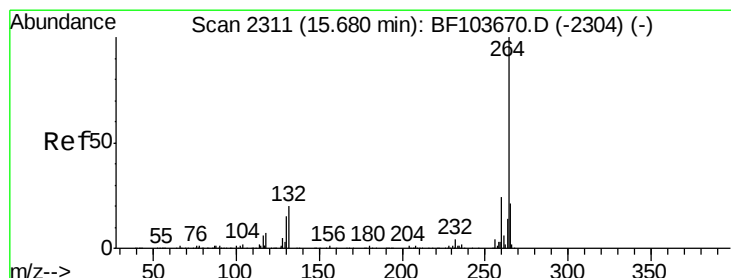
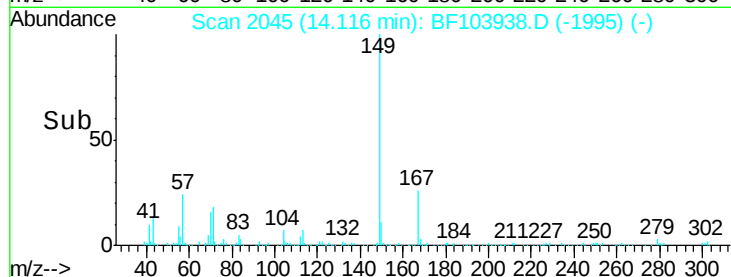
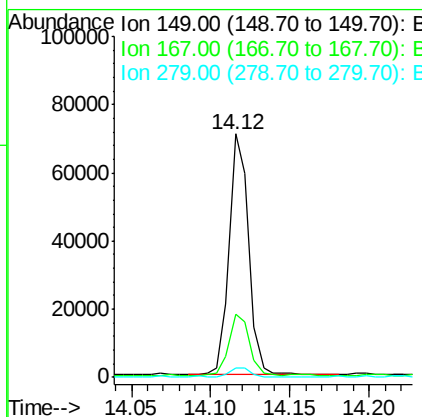
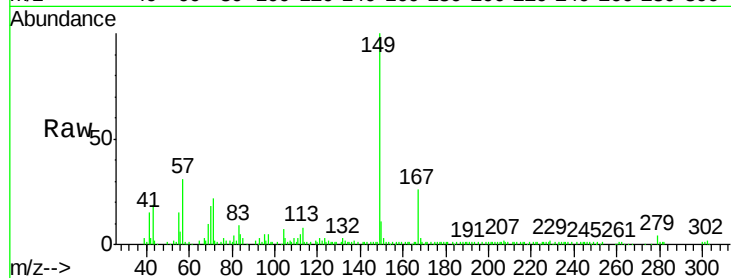
ClientSampleId :

PL-02-032318-D

Tot Ion:	149	Resp:	60498
Ion Ratio	Lower	Upper	
149	100		
167	26.0	21.3	31.9
279	3.7	3.0	4.4

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#86

Perylene-d12

Concen: 20.000 ng

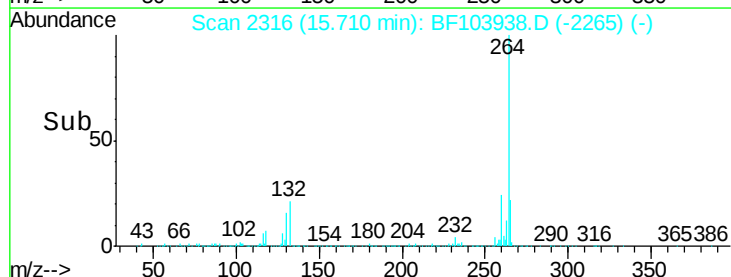
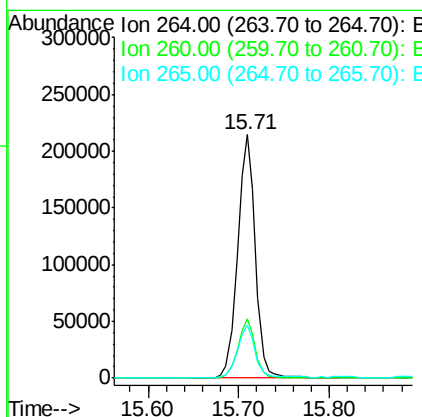
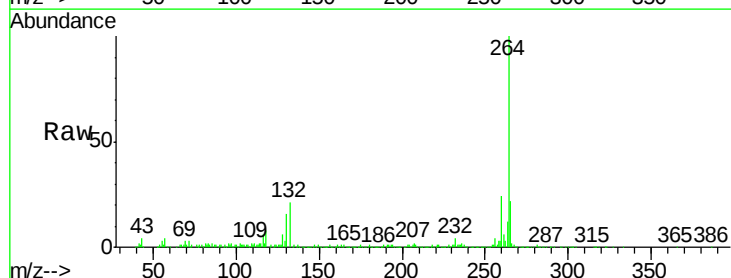
RT: 15.71 min Scan# 2316

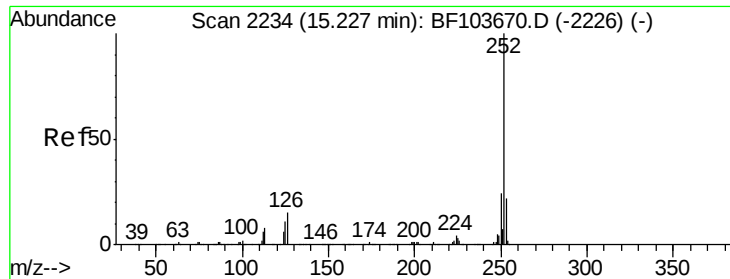
Delta R.T. -0.00 min

Lab File: BF103938.D

Acq: 26 Mar 2018 21:14

Tgt Ion:	264	Resp:	293330
Ion Ratio	Lower	Upper	
264	100		
260	24.5	19.2	28.8
265	21.8	17.5	26.3





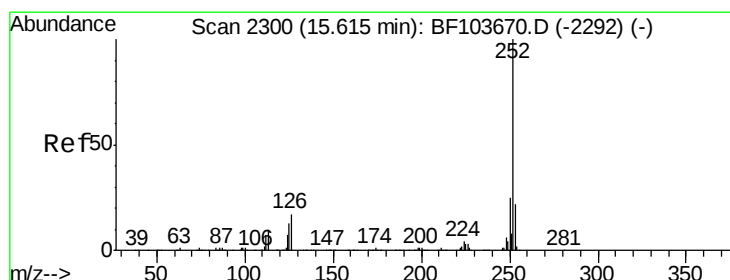
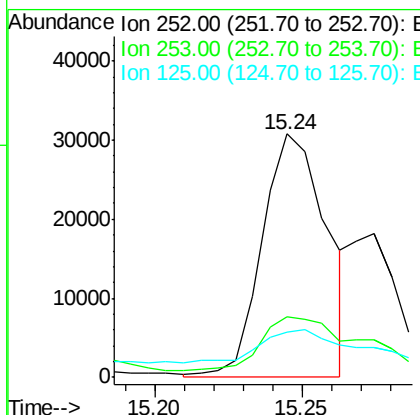
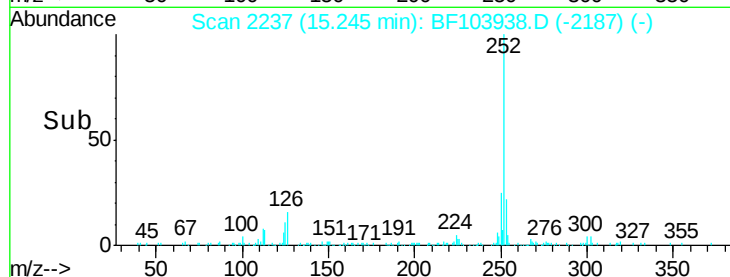
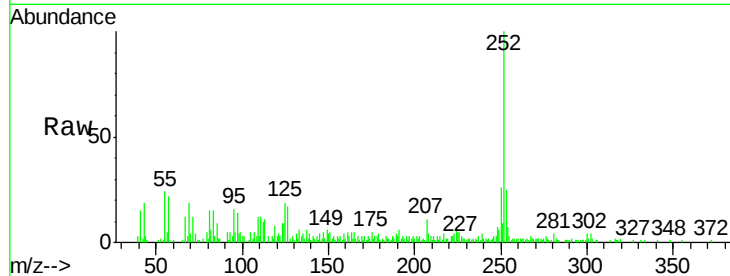
#87
Benzo(b)fluoranthene
Concen: 2.534 ng
RT: 15.24 min Scan# 2237
Delta R.T. -0.01 min
Lab File: BF103938.D
Acq: 26 Mar 2018 21:14

Instrument :
BNA_F
ClientSampleId :
PL-02-032318-D

Tot Ion	Ratio	Lower	Upper
252	100		
253	25.0	17.0	25.6
125	18.7	9.0	13.6

Manual Integrations
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3/27/2018 2:15:43 PM



#89
Benzo(a)pyrene
Concen: 2.084 ng
RT: 15.64 min Scan# 2304
Delta R.T. -0.01 min
Lab File: BF103938.D
Acq: 26 Mar 2018 21:14

Tgt Ion	Ratio	Lower	Upper
252	100		
253	27.1	17.1	25.7
125	20.6	9.8	14.6

