

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_F\DATA\BF021618\
 Data File : BF103059.D
 Acq On : 16 Feb 2018 18:20
 Operator : SJ/JU
 Sample : J1584-01
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-02-012-A

Manual Integrations
 APPROVED

Sohil
 2/19/2018 11:09:46 AM

Quant Time: Feb 16 23:36:14 2018
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 16 14:34:49 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	168711	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	682562	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	264859	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	403127	20.00	ng	0.00
75) Chrysene-d12	14.04	240	297539	20.00	ng	-0.01
86) Perylene-d12	15.54	264	245577	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	1026734	92.42	ng	0.00
7) Phenol-d6	6.51	99	1186453	88.70	ng	0.00
23) Nitrobenzene-d5	7.44	82	719890	73.16	ng	0.00
41) 2,4,6-Tribromophenol	10.70	330	185165	86.86	ng	0.00
44) 2-Fluorobiphenyl	9.23	172	1010811	63.33	ng	0.00
78) Terphenyl-d14	12.99	244	744966	59.28	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.62	163	89310	4.325	ng	Qvalue 98
70) Phenanthrene	11.43	178	63061	2.809	ng	98
74) Fluoranthene	12.62	202	111166	4.921	ng	97
77) Pyrene	12.84	202	101110	4.334	ng	98
80) Benzo(a)anthracene	14.03	228	48503	2.592	ng	95
82) Chrysene	14.07	228	48221	2.556	ng	96
87) Benzo(b)fluoranthene	15.10	252	43638m	2.741	ng	
89) Benzo(a)pyrene	15.47	252	32414	2.262	ng	# 85

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

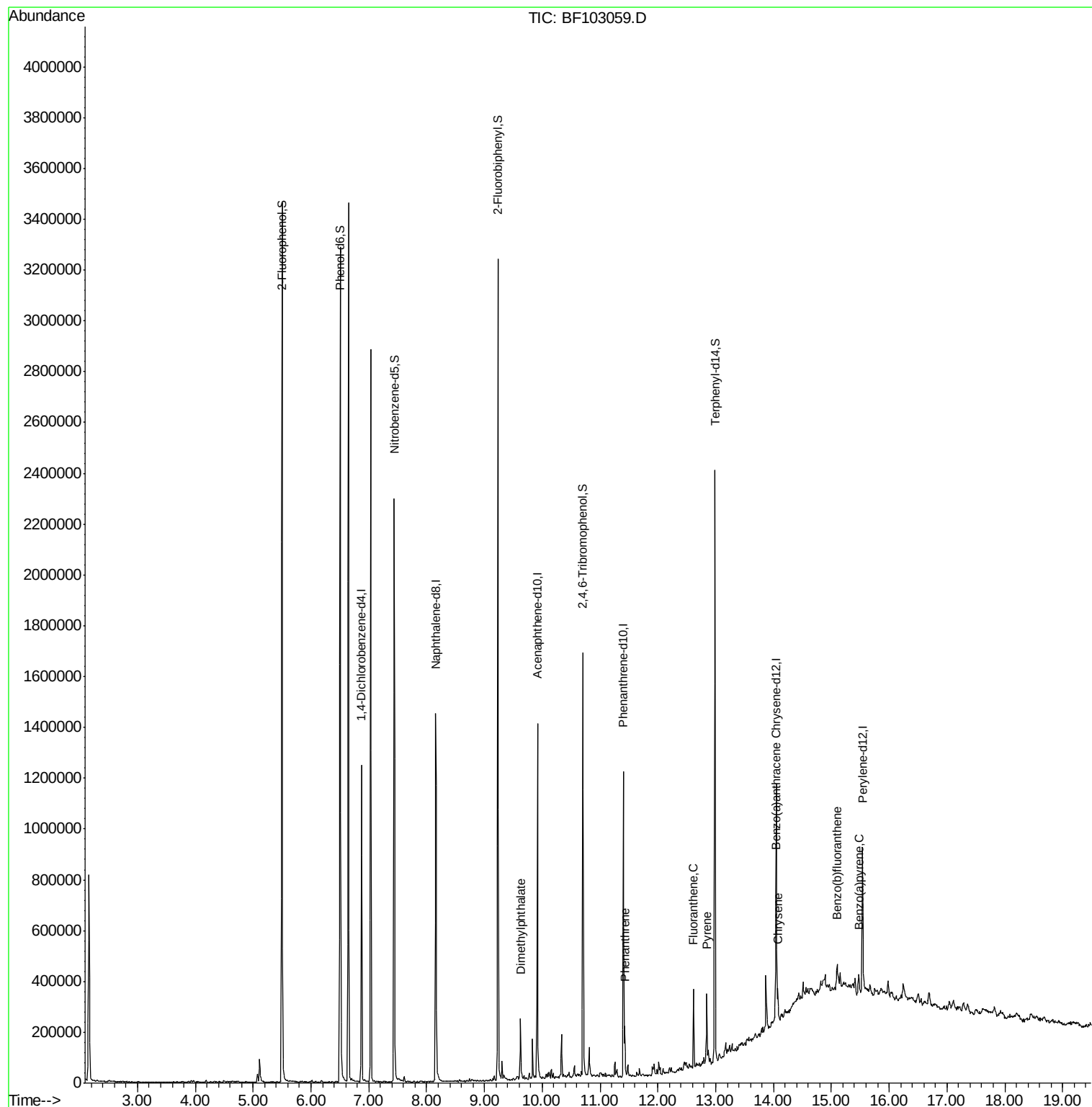
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Data File : BF103059.D
Acq On : 16 Feb 2018 18:20
Operator : SJ/JU
Sample : J1584-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

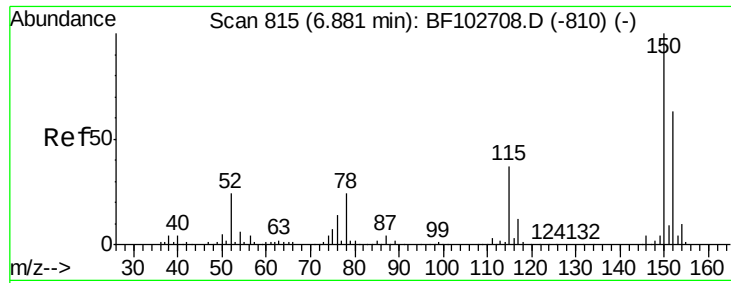
Instrument :
BNA_F
ClientSampleId :
FK-GF-02-012-A

Manual Integrations
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Quant Time: Feb 16 23:36:14 2018
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020318.M
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#1

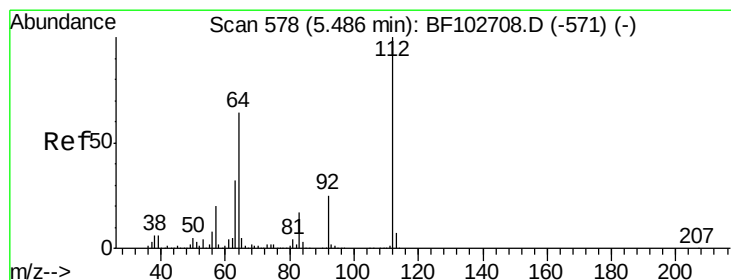
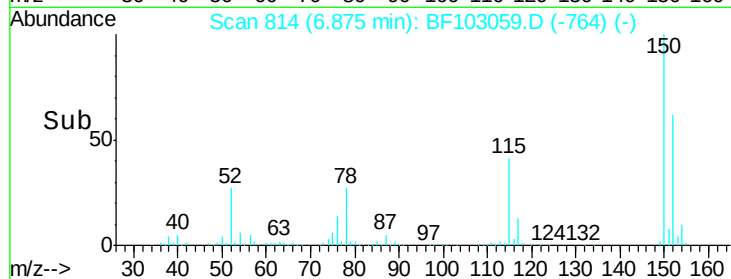
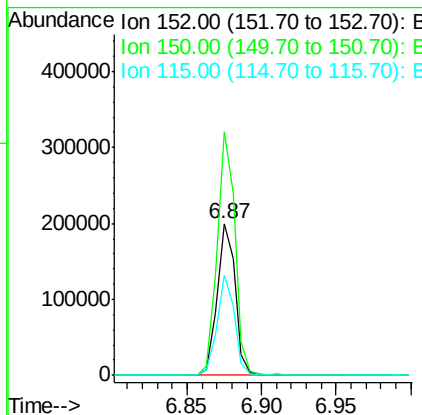
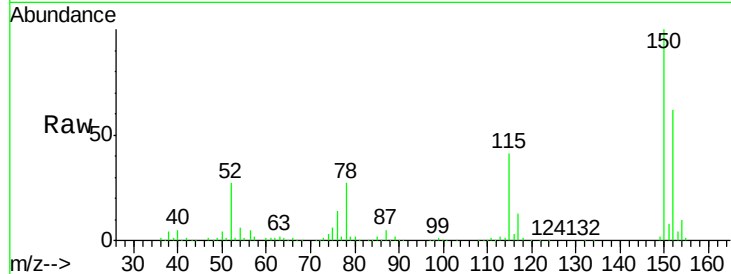
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 814
Delta R.T. -0.01 min
Lab File: BF103059.D
Acq: 16 Feb 2018 18:20

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-012-A

Tgt Ion	Ratio	Lower	Upper
152	100		
150	160.6	124.6	186.8
115	66.3	50.1	75.1

Manual Integrations
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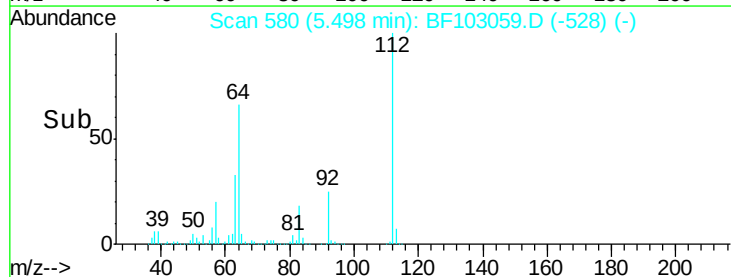
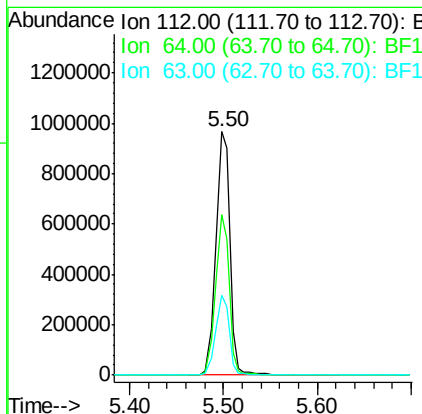
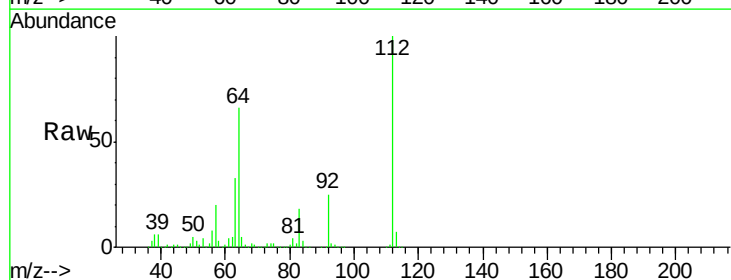
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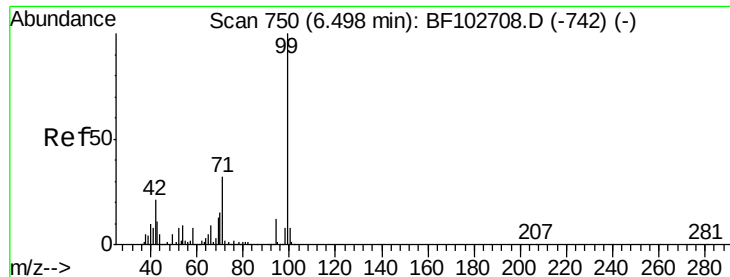


#5

2-Fluorophenol
Concen: 92.422 ng
RT: 5.50 min Scan# 580
Delta R.T. 0.01 min
Lab File: BF103059.D
Acq: 16 Feb 2018 18:20

Tgt Ion	Ratio	Lower	Upper
112	100		
64	65.9	47.9	71.9
63	32.9	23.7	35.5





#7

Phenol-d6

Concen: 88.699 ng

RT: 6.51 min Scan# 752

Delta R.T. -0.00 min

Lab File: BF103059.D

Acq: 16 Feb 2018 18:20

Instrument :

BNA_F

ClientSampleId :

FK-GF-02-012-A

Tgt Ion: 99 Resp: 1186453

Ion Ratio Lower Upper

99 100

42 19.2 14.5 21.7

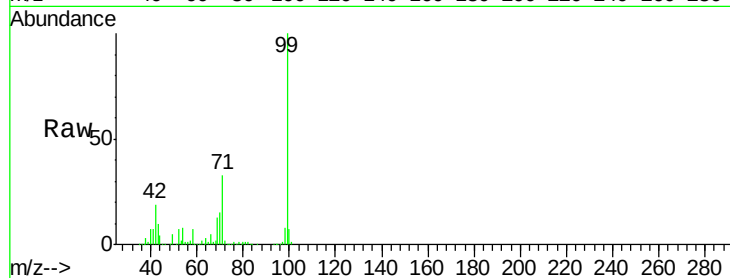
71 32.7 25.4 38.0

Manual Integrations

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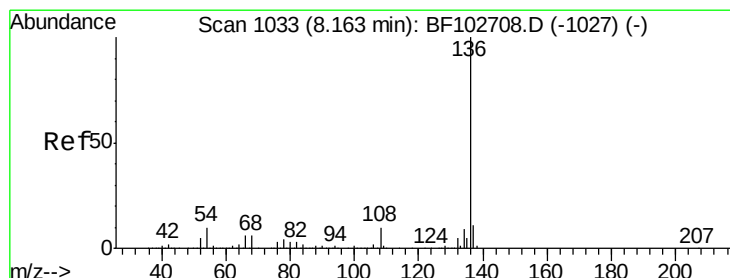
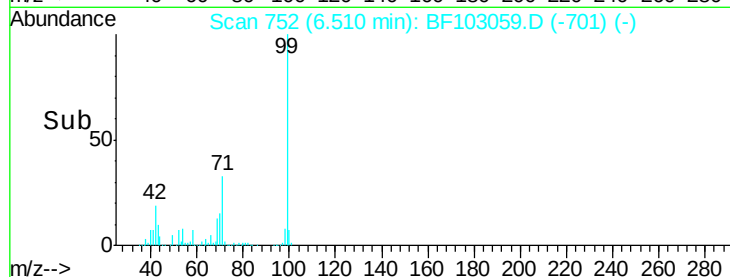
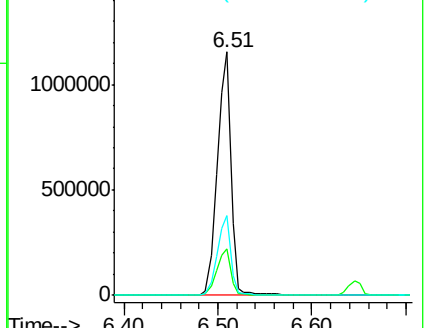
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Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.16 min Scan# 1032

Delta R.T. -0.01 min

Lab File: BF103059.D

Acq: 16 Feb 2018 18:20

Tgt Ion: 136 Resp: 682562

Ion Ratio Lower Upper

136 100

137 11.2 8.9 13.3

54 10.2 6.6 9.8#

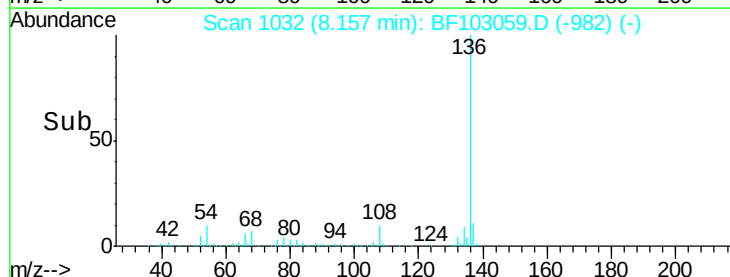
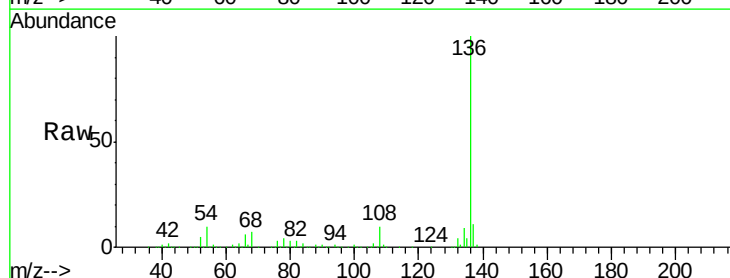
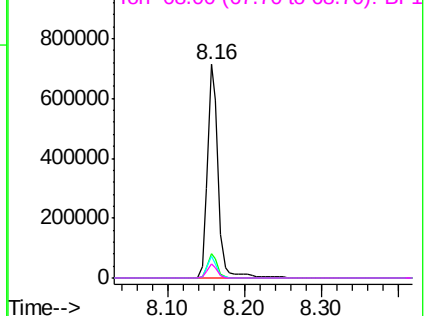
68 6.7 5.0 7.4

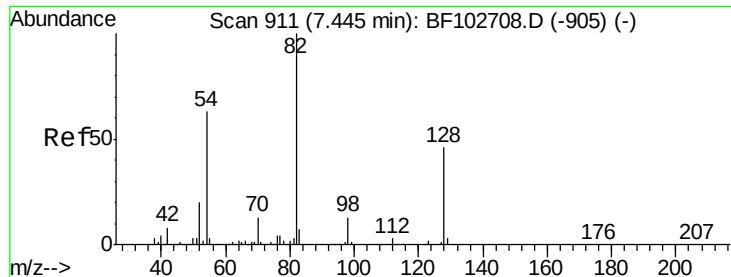
Abundance Ion 136.00 (135.70 to 136.70): E

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





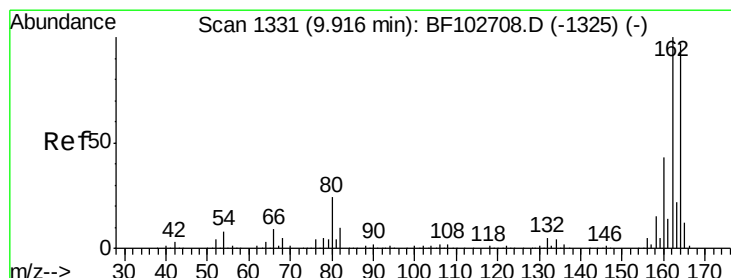
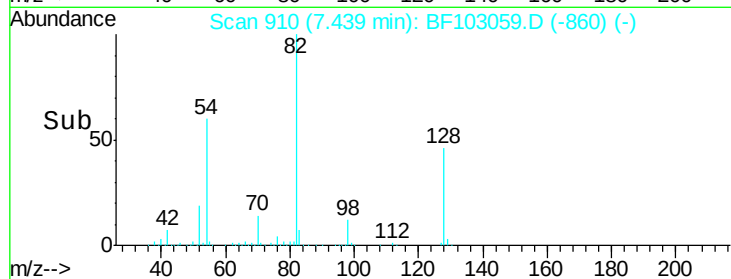
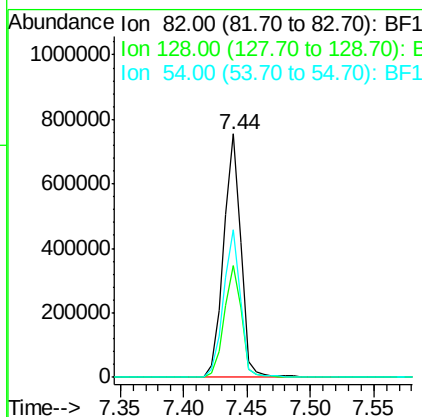
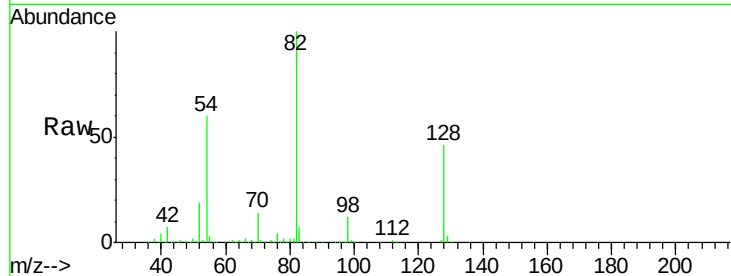
#23
Nitrobenzene-d5
Concen: 73.164 ng
RT: 7.44 min Scan# 910
Delta R.T. -0.01 min
Lab File: BF103059.D
Acq: 16 Feb 2018 18:20

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-012-A

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	719890		
128	46.0	36.1	54.1	
54	60.5	41.4	62.2	

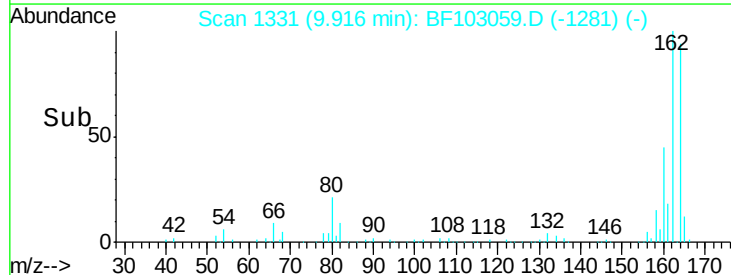
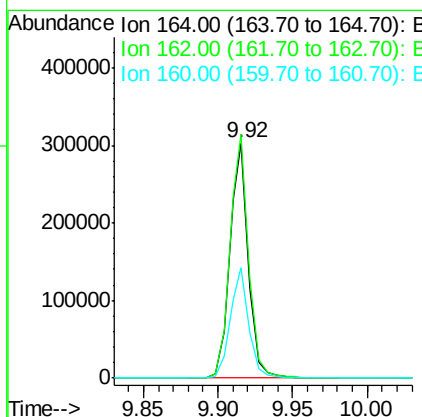
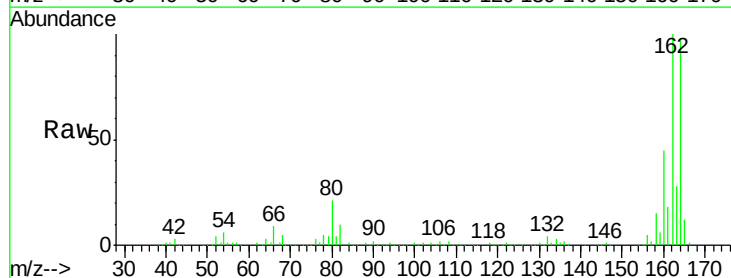
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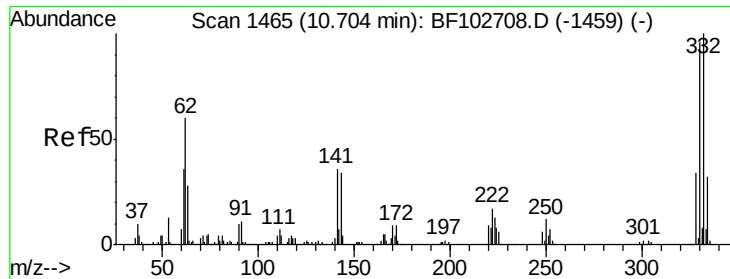
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.01 min
Lab File: BF103059.D
Acq: 16 Feb 2018 18:20

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	264859		
162	103.5	86.1	129.1	
160	46.9	38.3	57.5	





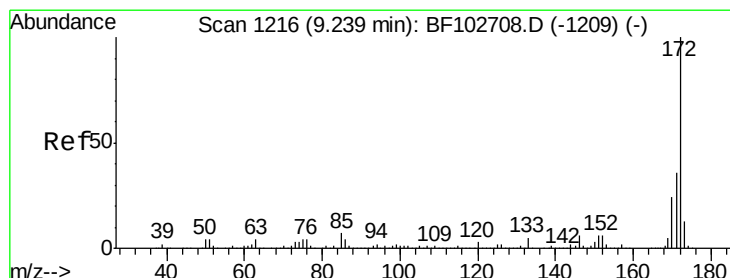
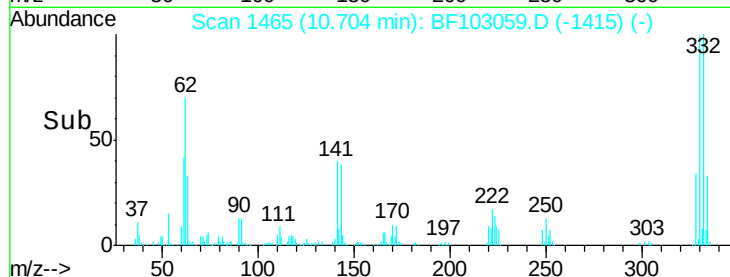
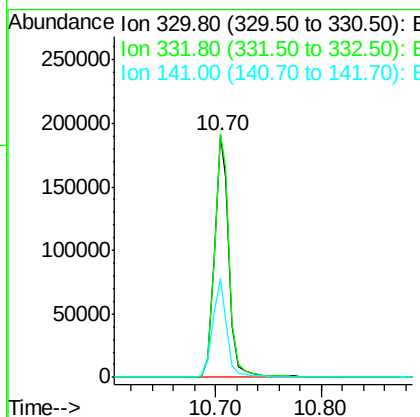
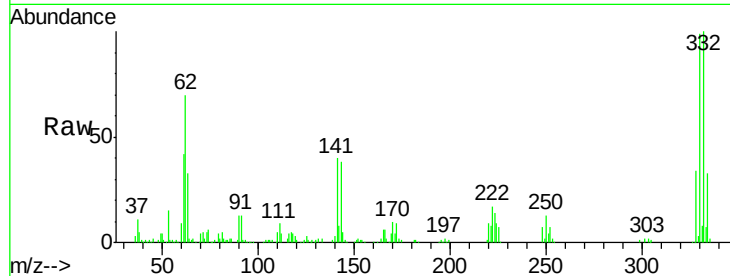
#41
 2,4,6-Tribromophenol
 Concen: 86.858 ng
 RT: 10.70 min Scan# 1465
 Delta R.T. -0.01 min
 Lab File: BF103059.D
 Acq: 16 Feb 2018 18:20

Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-02-012-A

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	185165		
332	102.4	77.0	115.6	
141	40.1	29.9	44.9	

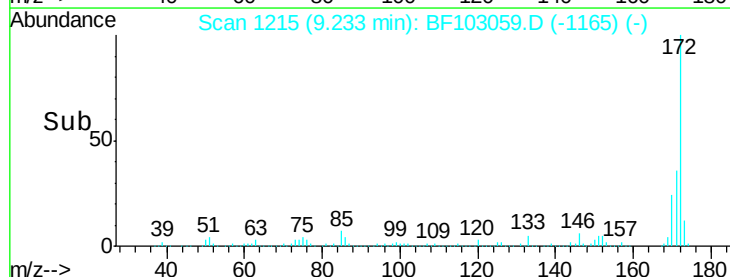
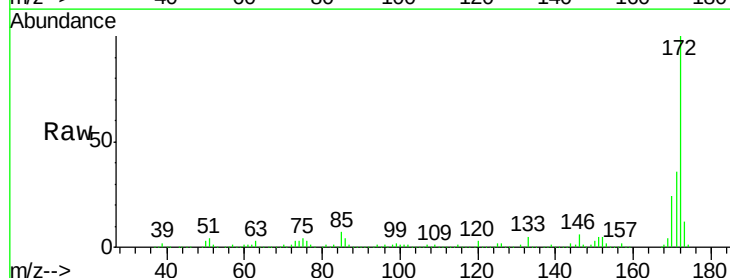
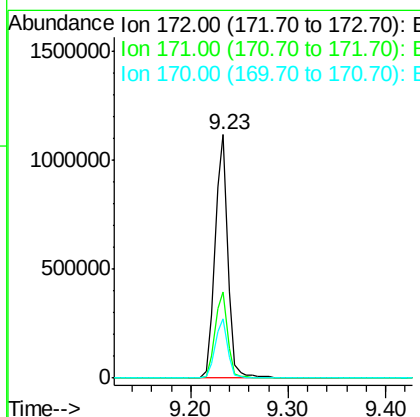
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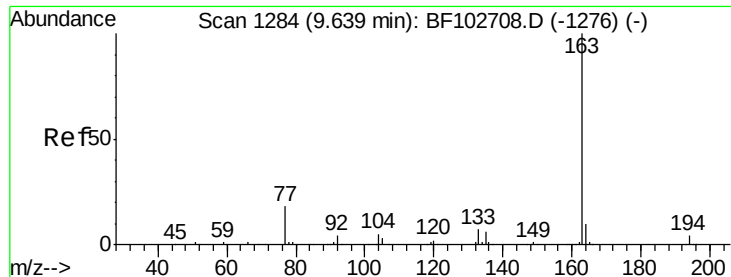
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#44
 2-Fluorobiphenyl
 Concen: 63.328 ng
 RT: 9.23 min Scan# 1215
 Delta R.T. -0.01 min
 Lab File: BF103059.D
 Acq: 16 Feb 2018 18:20

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1010811		
171	35.6	29.7	44.5	
170	24.1	19.6	29.4	





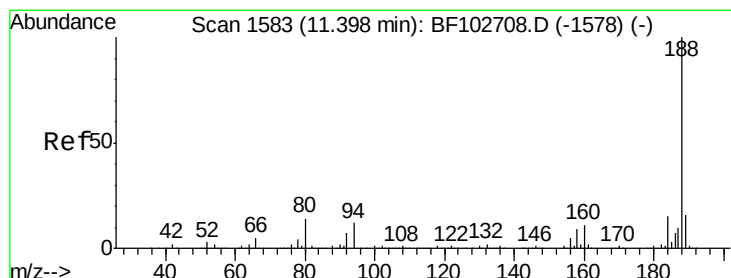
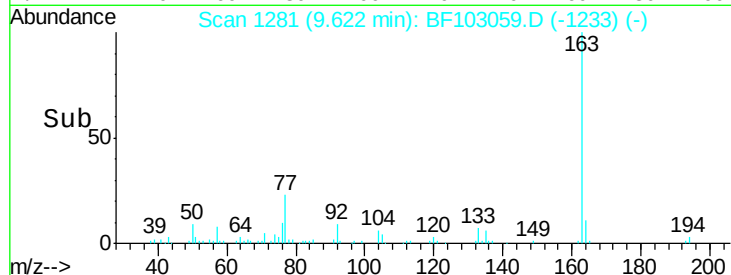
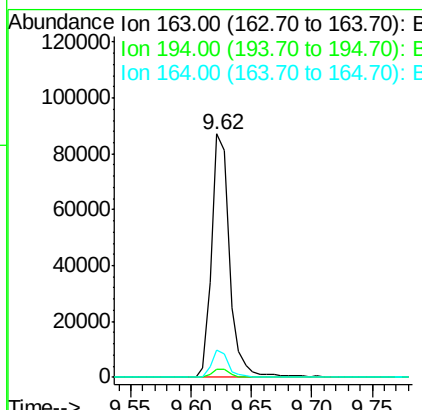
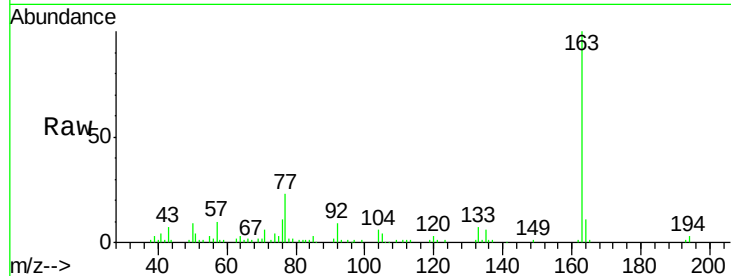
#49
Dimethylphthalate
Concen: 4.325 ng
RT: 9.62 min Scan# 1281
Delta R.T. -0.02 min
Lab File: BF103059.D
Acq: 16 Feb 2018 18:20

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-012-A

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.4	2.7	4.1
164	11.2	8.2	12.2

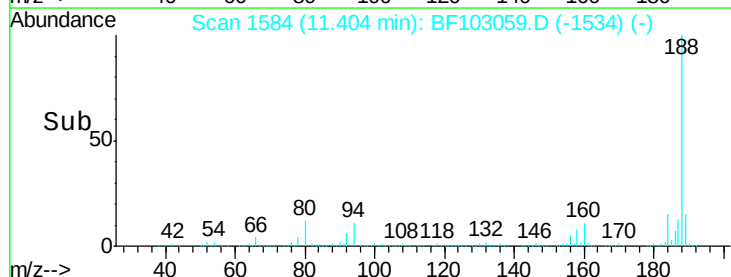
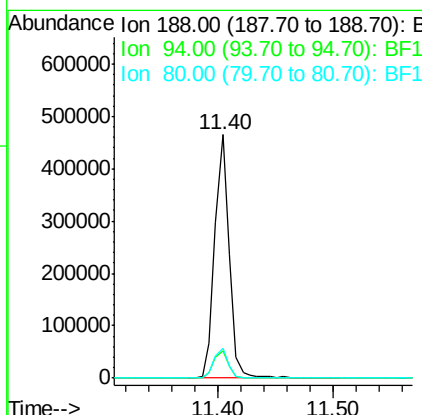
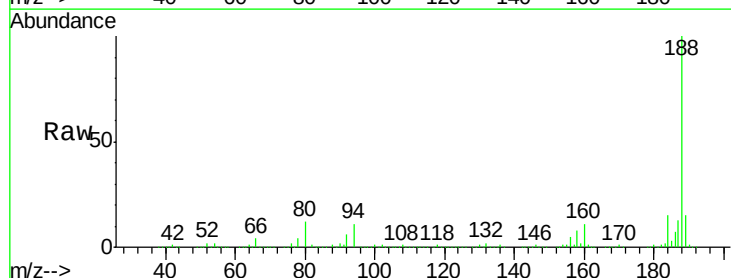
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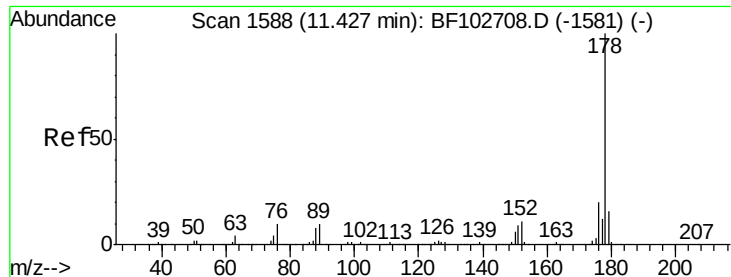
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#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1584
Delta R.T. -0.01 min
Lab File: BF103059.D
Acq: 16 Feb 2018 18:20

Tgt Ion	Ratio	Lower	Upper
188	100		
94	11.4	8.5	12.7
80	12.2	9.2	13.8





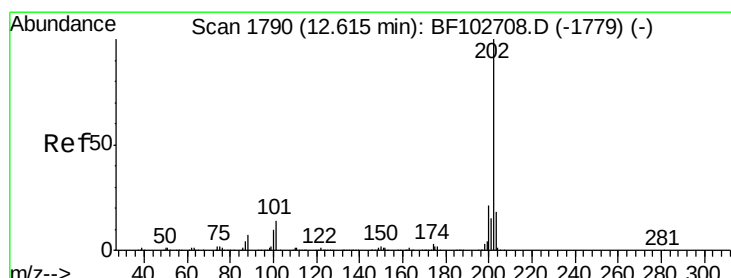
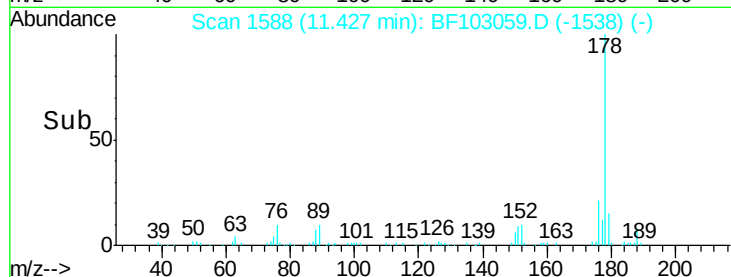
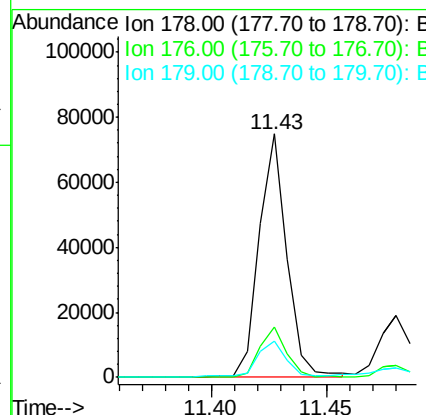
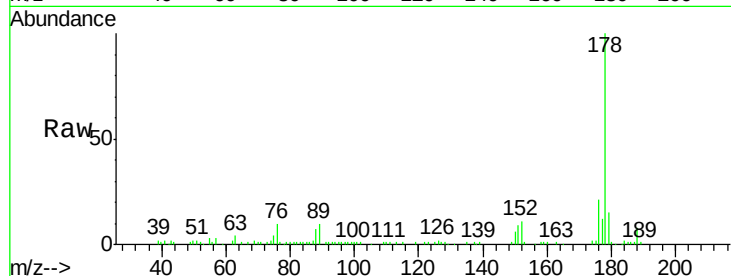
#70
Phenanthrene
Concen: 2.809 ng
RT: 11.43 min Scan# 1588
Delta R.T. -0.01 min
Lab File: BF103059.D
Acq: 16 Feb 2018 18:20

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-012-A

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.5	15.8	23.8
179	14.8	13.0	19.6

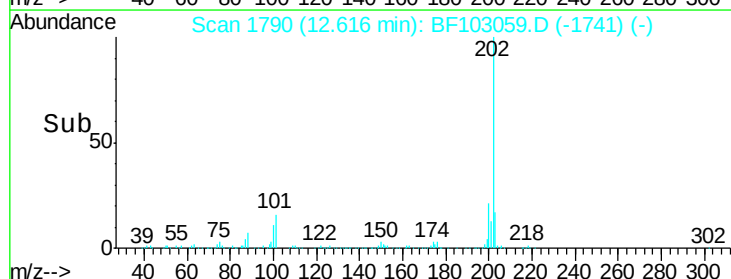
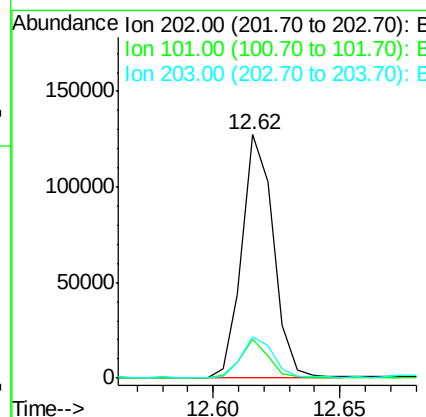
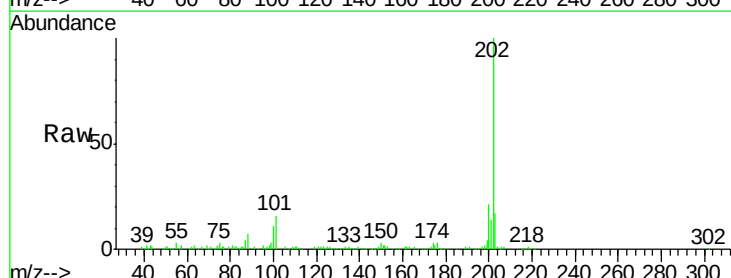
Manual Integrations
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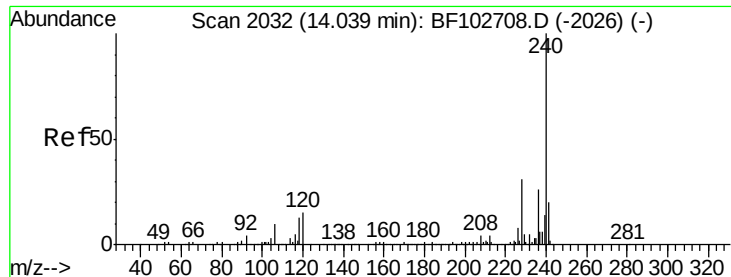
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#74
Fluoranthene
Concen: 4.921 ng
RT: 12.62 min Scan# 1790
Delta R.T. -0.01 min
Lab File: BF103059.D
Acq: 16 Feb 2018 18:20

Tgt Ion	Ratio	Lower	Upper
202	100		
101	15.7	0.0	34.1
203	17.1	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: BF103059.D

Acq: 16 Feb 2018 18:20

Instrument :

BNA_F

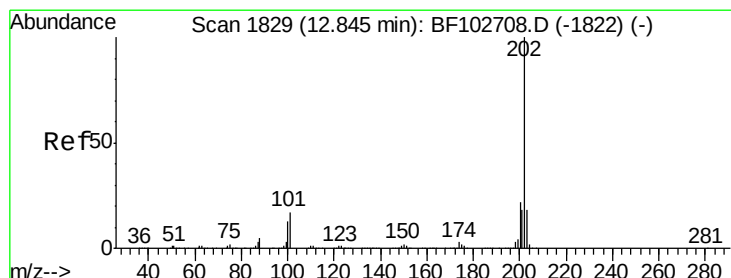
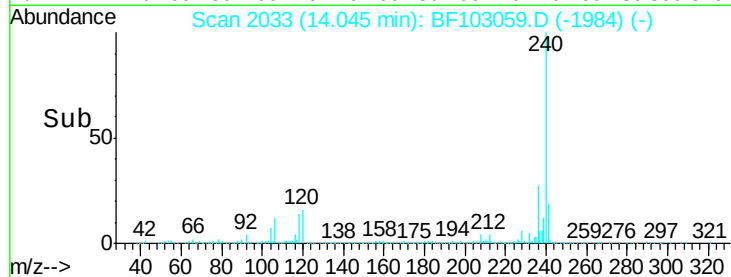
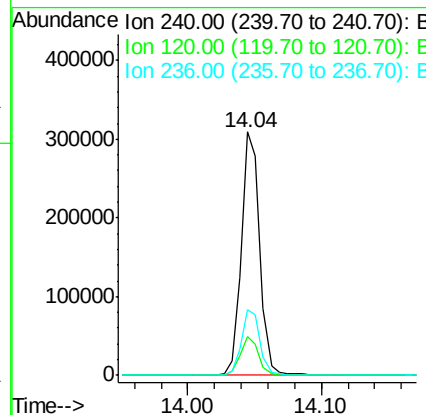
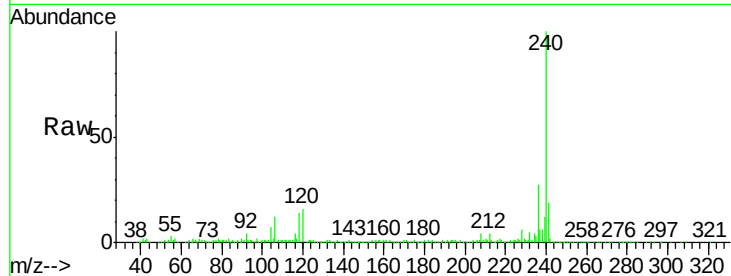
ClientSampleId :

FK-GF-02-012-A

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	297539		
120	15.8	9.5	14.3#	
236	27.0	20.7	31.1	

Manual Integrations
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#77

Pyrene

Concen: 4.334 ng

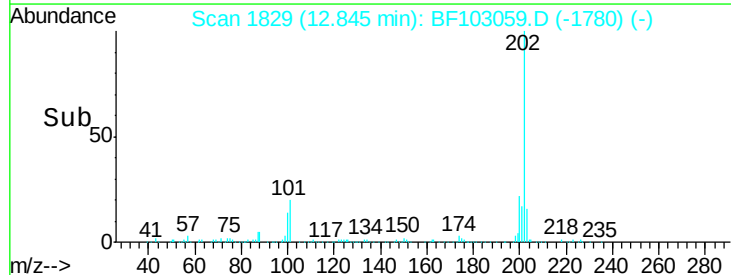
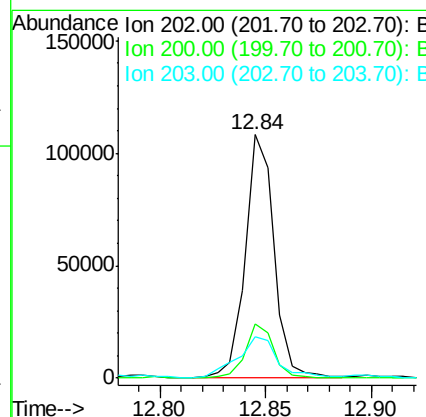
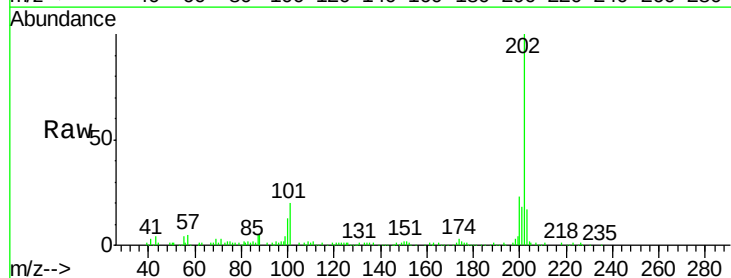
RT: 12.84 min Scan# 1829

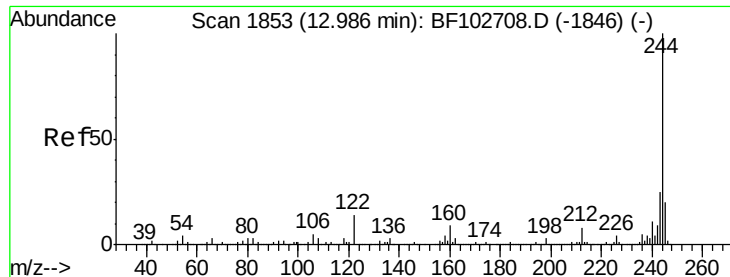
Delta R.T. -0.01 min

Lab File: BF103059.D

Acq: 16 Feb 2018 18:20

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	101110		
200	22.5	17.4	26.2	
203	17.0	14.3	21.5	





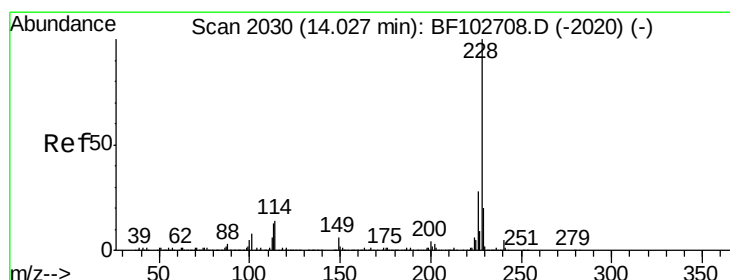
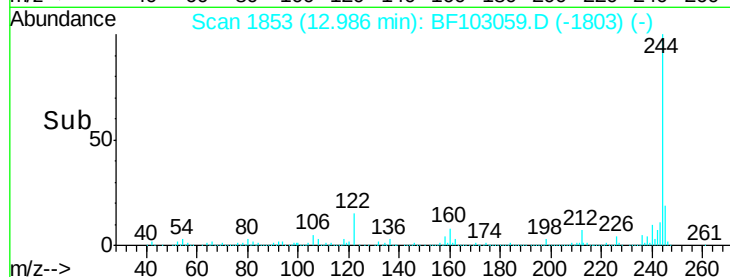
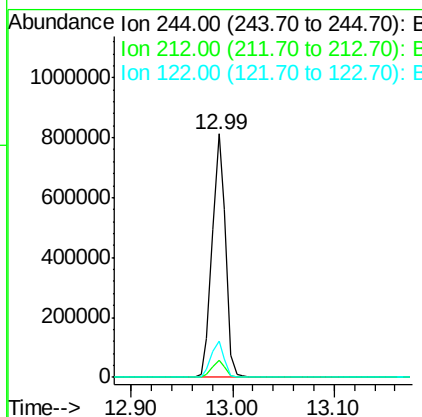
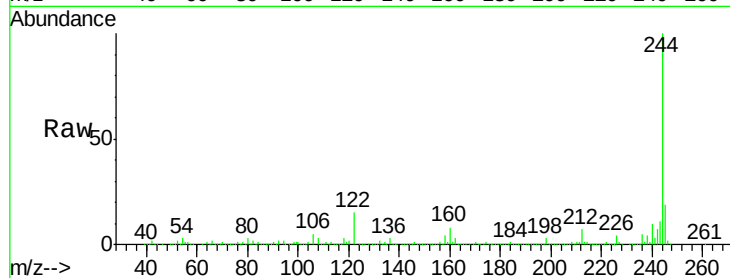
#78
 Terphenyl-d14
 Concen: 59.283 ng
 RT: 12.99 min Scan# 1853
 Delta R.T. -0.01 min
 Lab File: BF103059.D
 Acq: 16 Feb 2018 18:20

Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-02-012-A

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.4	8.0
122	14.7	11.0	16.4

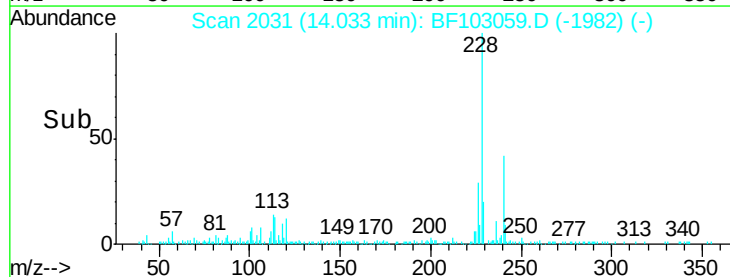
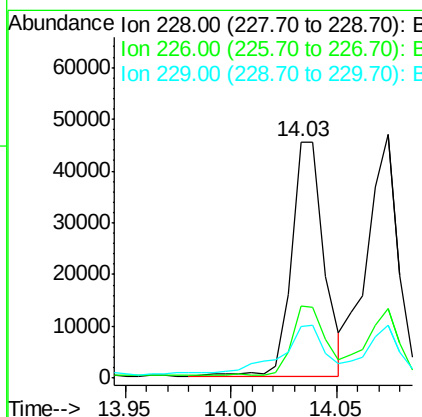
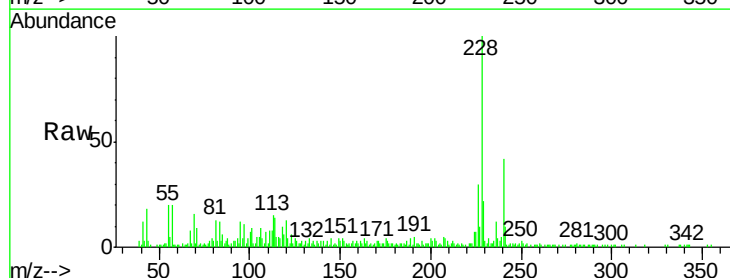
Manual Integrations
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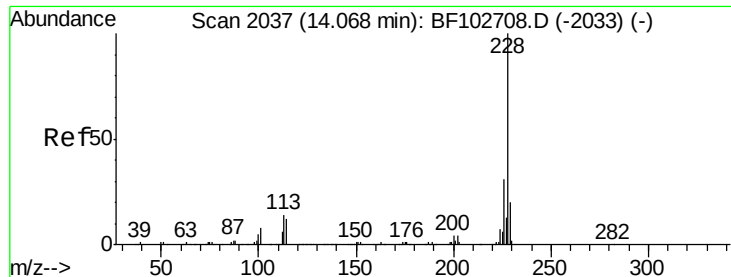
Sohil
 2/19/2018 11:09:46 AM



#80
 Benzo(a)anthracene
 Concen: 2.592 ng
 RT: 14.03 min Scan# 2031
 Delta R.T. -0.01 min
 Lab File: BF103059.D
 Acq: 16 Feb 2018 18:20

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.5	22.6	33.8
229	21.9	15.8	23.6





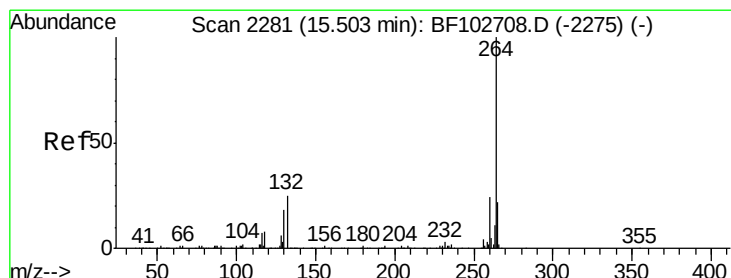
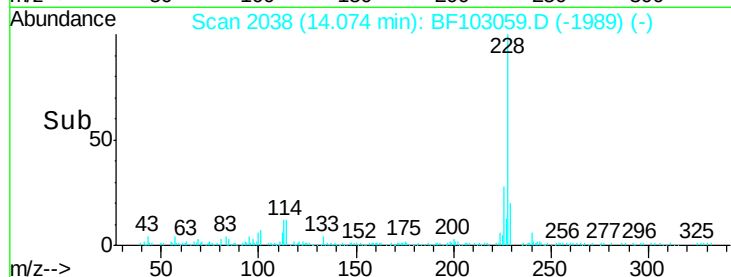
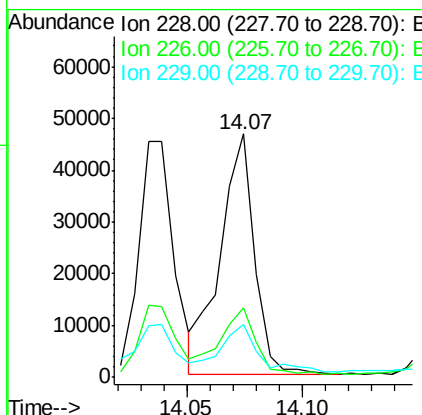
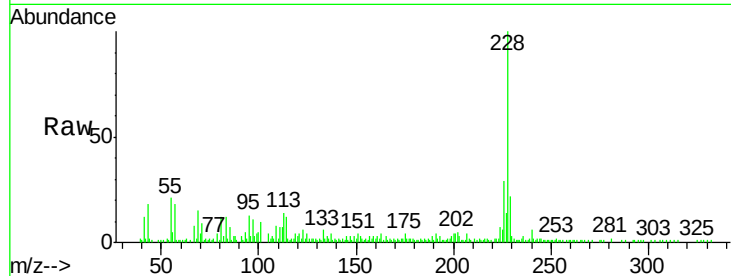
#82
Chrysene
Concen: 2.556 ng
RT: 14.07 min Scan# 2038
Delta R.T. -0.01 min
Lab File: BF103059.D
Acq: 16 Feb 2018 18:20

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-012-A

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	48221		
226	28.8	25.0	37.6	
229	21.9	16.2	24.4	

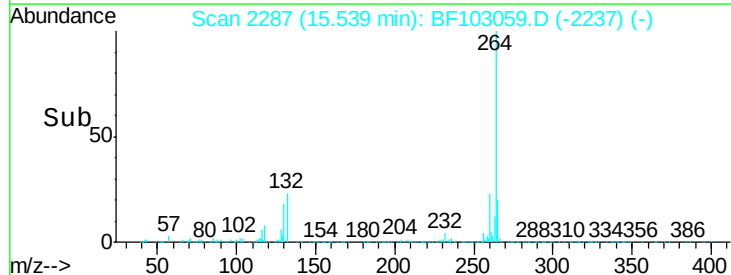
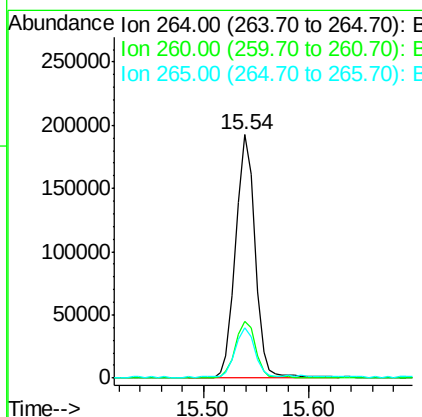
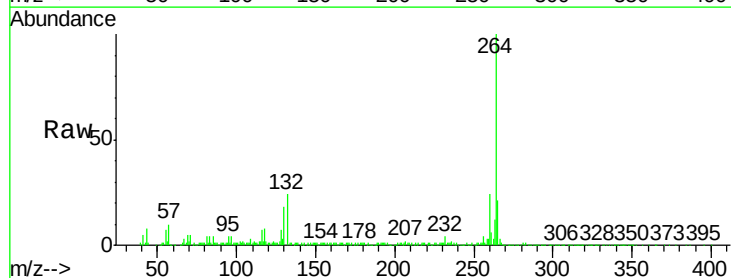
Manual Integrations
APPROVED

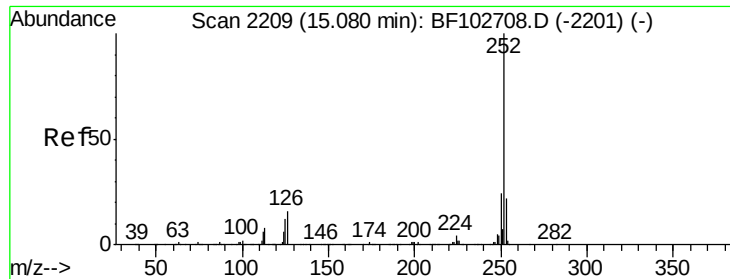
Sohil
2/19/2018 11:09:46 AM



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.54 min Scan# 2287
Delta R.T. -0.01 min
Lab File: BF103059.D
Acq: 16 Feb 2018 18:20

Tgt Ion	Ratio	Resp	Lower	Upper
264	100	245577		
260	23.6	19.2	28.8	
265	20.7	17.5	26.3	





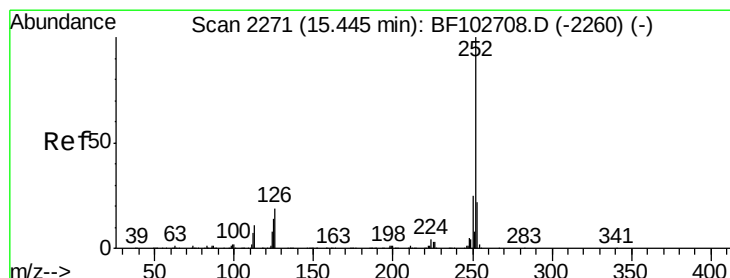
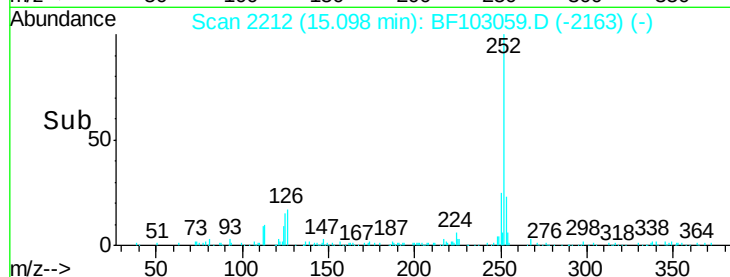
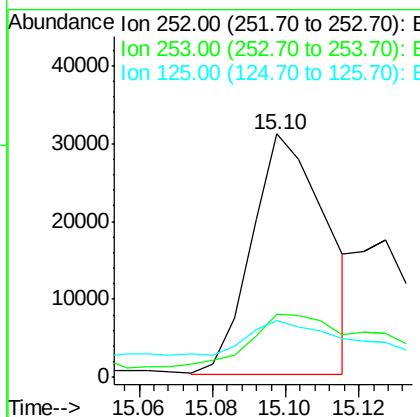
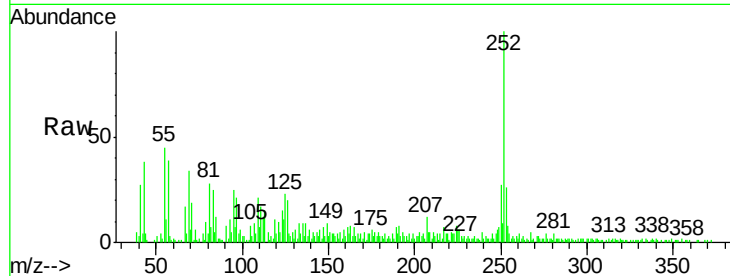
#87
Benzo(b)fluoranthene
Concen: 2.741 ng m
RT: 15.10 min Scan# 2212
Delta R.T. -0.01 min
Lab File: BF103059.D
Acq: 16 Feb 2018 18:20

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-012-A

Tgt Ion	Ratio	Lower	Upper
252	100		
253	26.0	17.0	25.6#
125	23.1	9.0	13.6#

Manual Integrations
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2/19/2018 11:09:46 AM



#89
Benzo(a)pyrene
Concen: 2.262 ng
RT: 15.47 min Scan# 2276
Delta R.T. -0.01 min
Lab File: BF103059.D
Acq: 16 Feb 2018 18:20

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.8	17.1	25.7
125	23.9	9.8	14.6#

