

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_F\DATA\BF021618\
 Data File : BF103062.D
 Acq On : 16 Feb 2018 19:39
 Operator : SJ/JU
 Sample : J1584-03
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

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

Manual Integrations
 APPROVED

Sohil
 2/19/2018 11:09:53 AM

Quant Time: Feb 16 23:44:09 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	171503	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	662271	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	250753	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	378352	20.00	ng	0.00
75) Chrysene-d12	14.04	240	286908	20.00	ng	-0.01
86) Perylene-d12	15.54	264	232634	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	1111757	98.45	ng	0.01
7) Phenol-d6	6.51	99	1314444	96.67	ng	0.00
23) Nitrobenzene-d5	7.44	82	801348	83.94	ng	0.00
41) 2,4,6-Tribromophenol	10.71	330	194601	96.42	ng	0.00
44) 2-Fluorobiphenyl	9.23	172	1118816	74.04	ng	0.00
78) Terphenyl-d14	12.99	244	854089	70.49	ng	0.00
Target Compounds						
10) Phenol	6.52	94	34296	2.354	ng	Qvalue 89
49) Dimethylphthalate	9.62	163	93977	4.807	ng	100
70) Phenanthrene	11.43	178	50358	2.390	ng	97
74) Fluoranthene	12.62	202	92528	4.364	ng	96
77) Pyrene	12.85	202	89278	3.968	ng	98
80) Benzo(a)anthracene	14.04	228	41711	2.312	ng	93
82) Chrysene	14.07	228	42414	2.332	ng	96
87) Benzo(b)fluoranthene	15.10	252	44426m	2.946	ng	
89) Benzo(a)pyrene	15.47	252	28919	2.130	ng	# 91

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

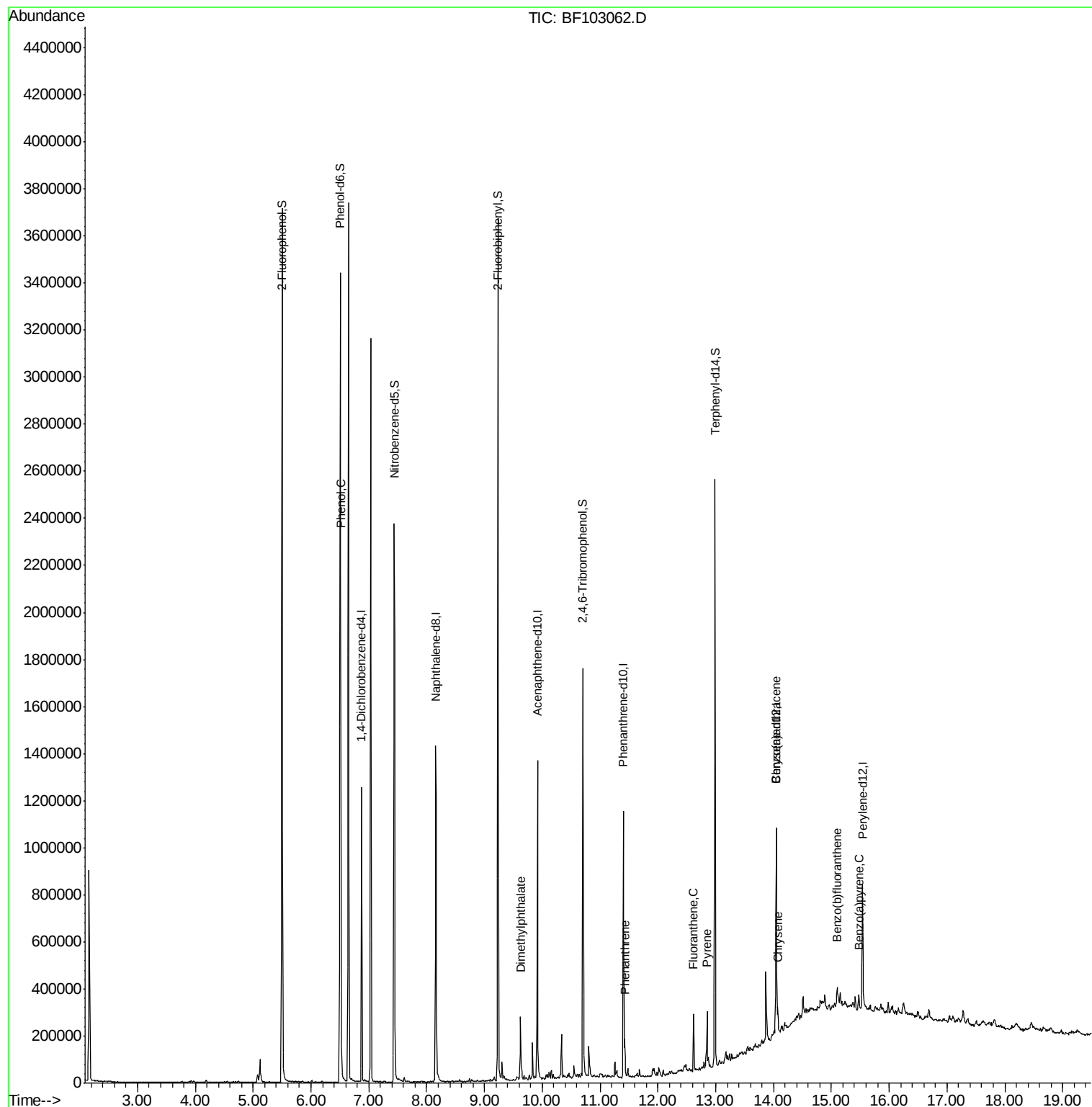
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Data File : BF103062.D
Acq On : 16 Feb 2018 19:39
Operator : SJ/JU
Sample : J1584-03
Misc :
ALS Vial : 22 Sample Multiplier: 1

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

Manual Integrations
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Quant Time: Feb 16 23:44:09 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





#1

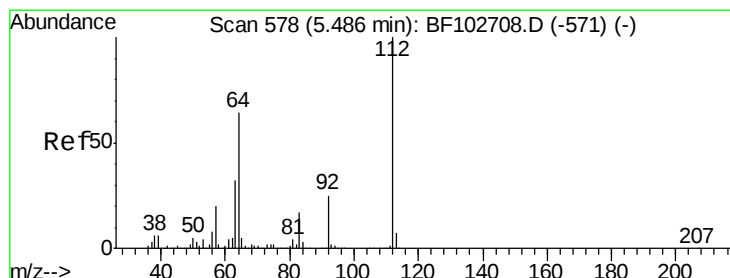
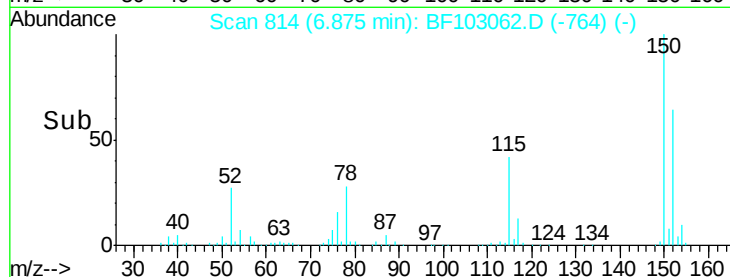
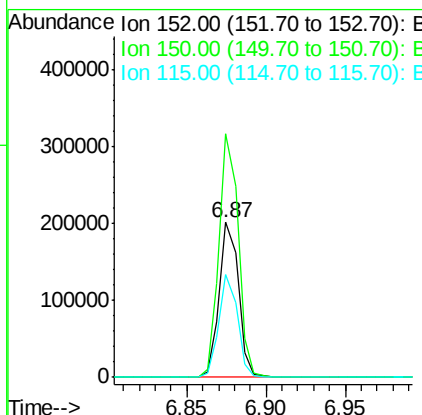
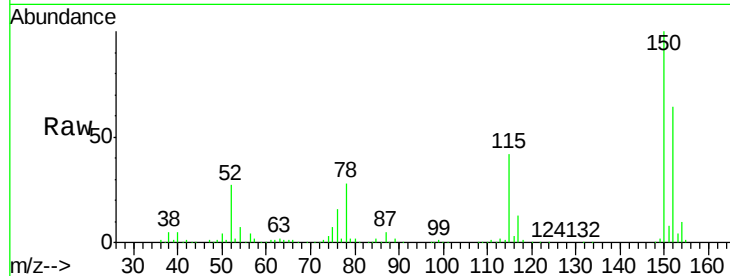
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 814
Delta R.T. -0.01 min
Lab File: BF103062.D
Acq: 16 Feb 2018 19:39

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

Tgt Ion	Ratio	Lower	Upper
152	100		
150	156.8	124.6	186.8
115	66.5	50.1	75.1

Manual Integrations
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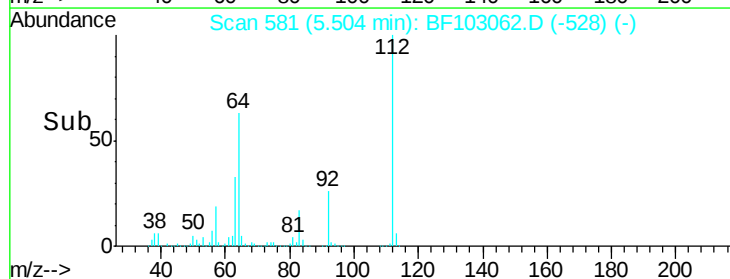
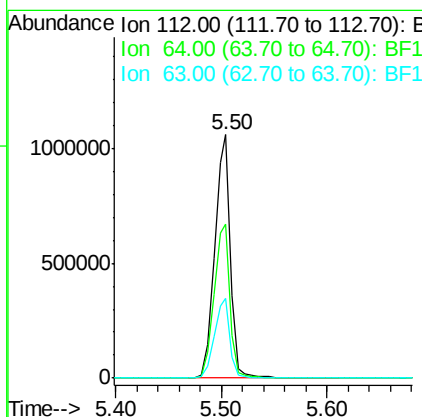
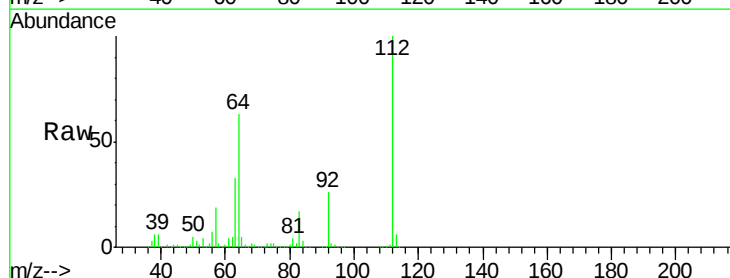
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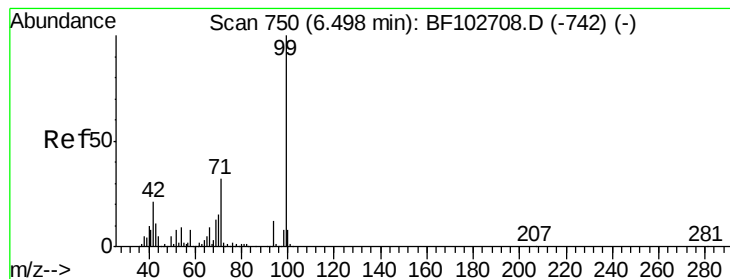


#5

2-Fluorophenol
Concen: 98.447 ng
RT: 5.50 min Scan# 581
Delta R.T. 0.01 min
Lab File: BF103062.D
Acq: 16 Feb 2018 19:39

Tgt Ion	Ratio	Lower	Upper
112	100		
64	63.4	47.9	71.9
63	32.8	23.7	35.5





#7

Phenol-d6

Concen: 96.668 ng

RT: 6.51 min Scan# 752

Delta R.T. -0.00 min

Lab File: BF103062.D

Acq: 16 Feb 2018 19:39

Instrument :

BNA_F

ClientSampleId :

FK-GF-02-012-B

Tgt Ion: 99 Resp: 1314444

Ion Ratio Lower Upper

99 100

42 19.4 14.5 21.7

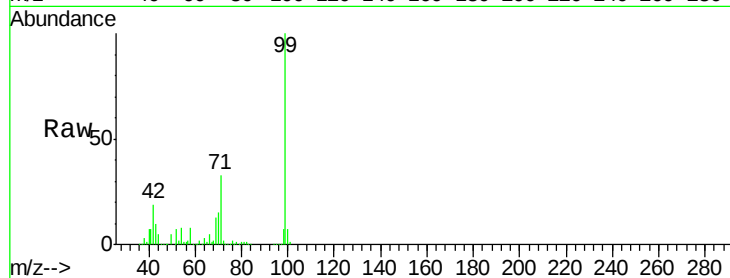
71 33.1 25.4 38.0

Manual Integrations

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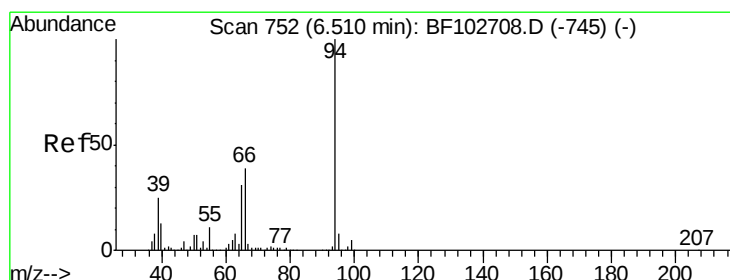
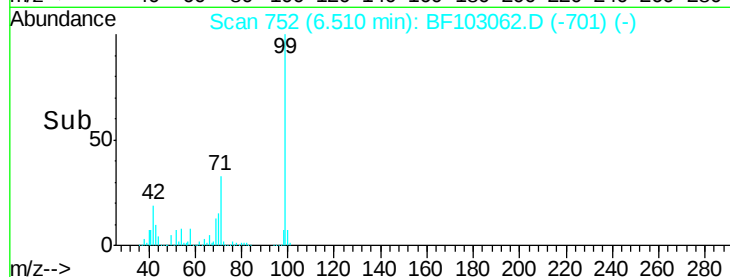
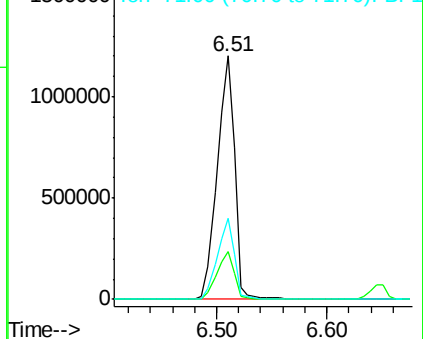
2/19/2018 11:09:53 AM



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: 2.354 ng

RT: 6.52 min Scan# 754

Delta R.T. -0.01 min

Lab File: BF103062.D

Acq: 16 Feb 2018 19:39

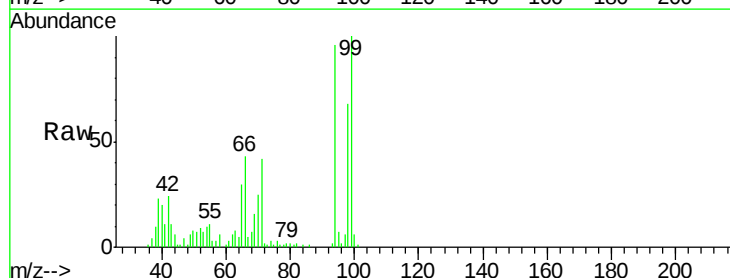
Tgt Ion: 94 Resp: 34296

Ion Ratio Lower Upper

94 100

65 31.2 7.9 47.9

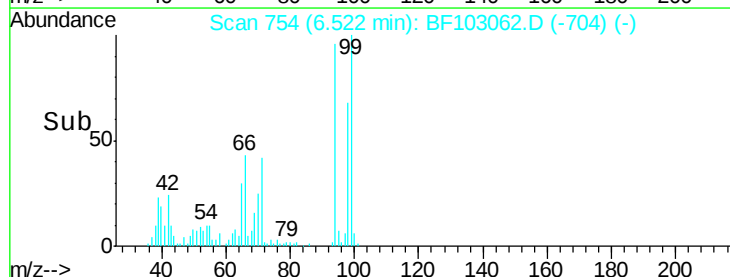
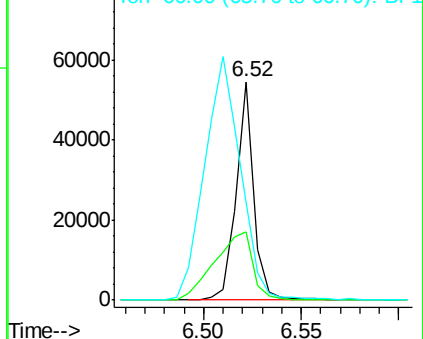
66 44.5 16.2 56.2

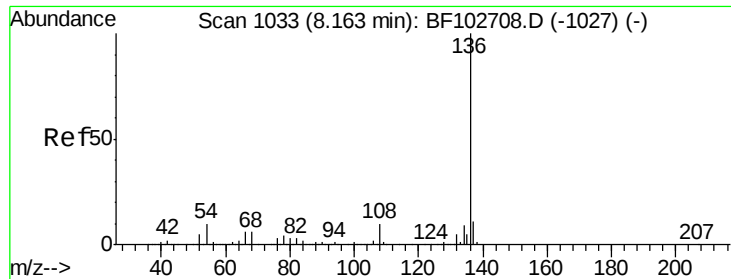


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





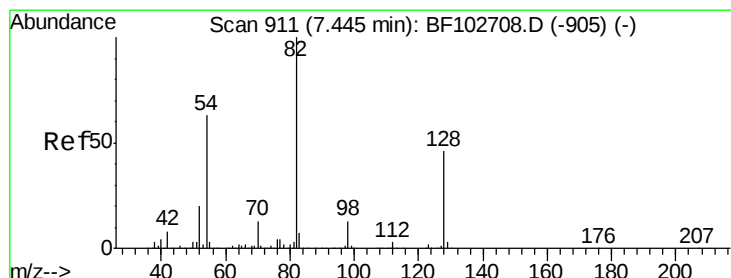
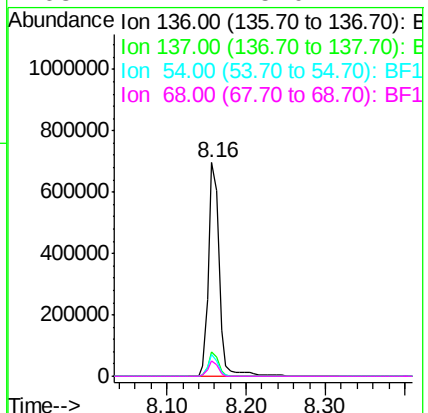
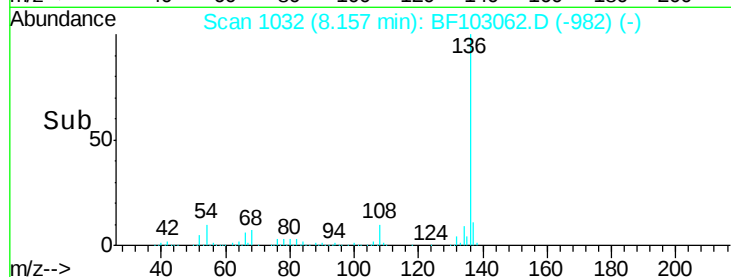
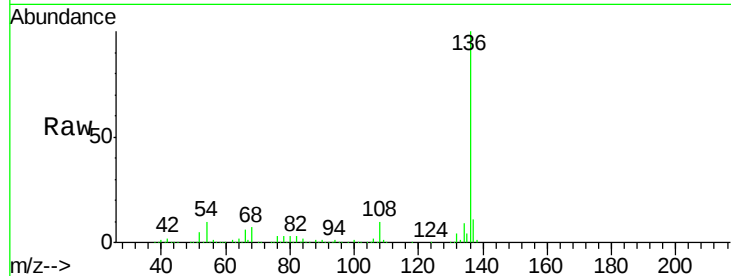
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.16 min Scan# 1032
Delta R.T. -0.01 min
Lab File: BF103062.D
Acq: 16 Feb 2018 19:39

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

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	662271		
137	11.5	8.9	13.3	
54	10.3	6.6	9.8	
68	7.1	5.0	7.4	

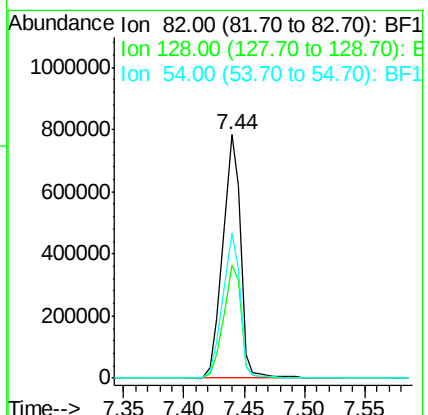
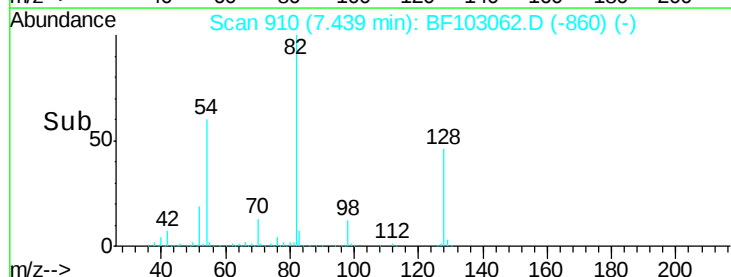
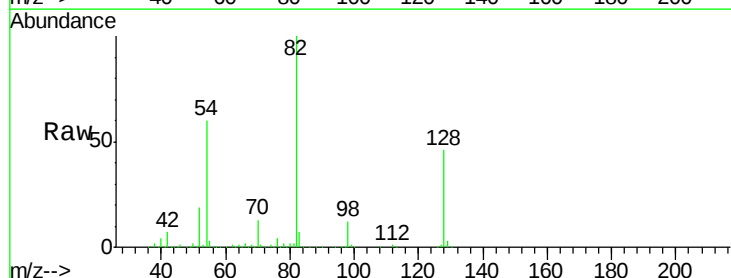
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#23
Nitrobenzene-d5
Concen: 83.938 ng
RT: 7.44 min Scan# 910
Delta R.T. -0.01 min
Lab File: BF103062.D
Acq: 16 Feb 2018 19:39

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	801348		
128	46.2	36.1	54.1	
54	59.8	41.4	62.2	





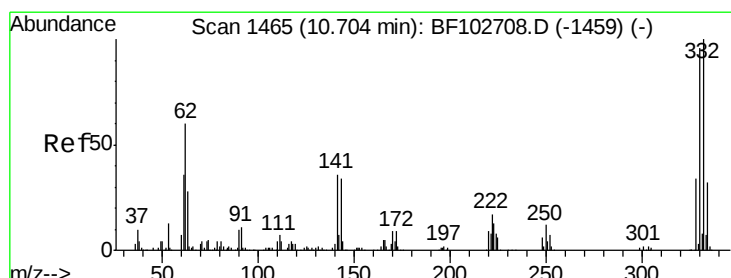
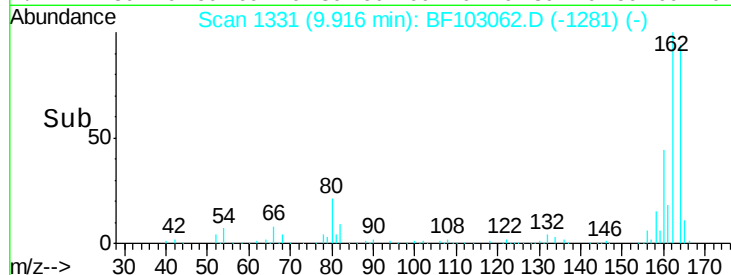
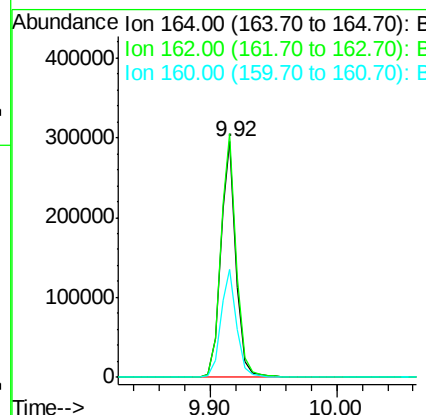
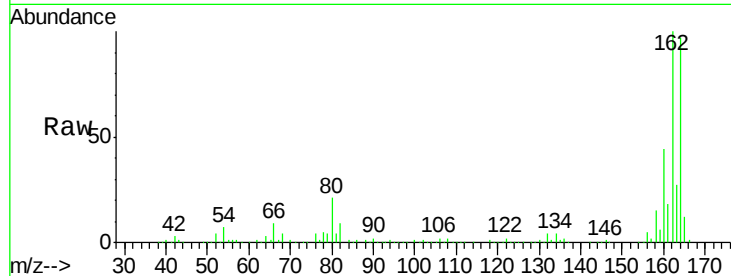
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.92 min Scan# 1331
 Delta R.T. -0.01 min
 Lab File: BF103062.D
 Acq: 16 Feb 2018 19:39

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

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	250753		
162	103.4	86.1	129.1	
160	45.8	38.3	57.5	

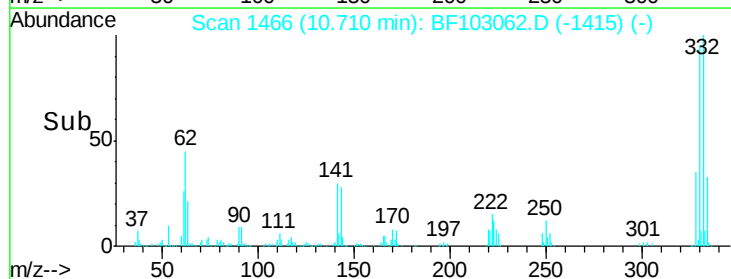
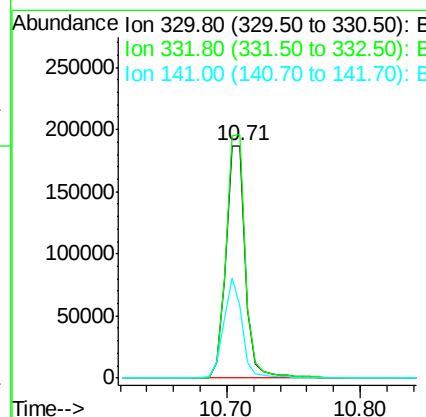
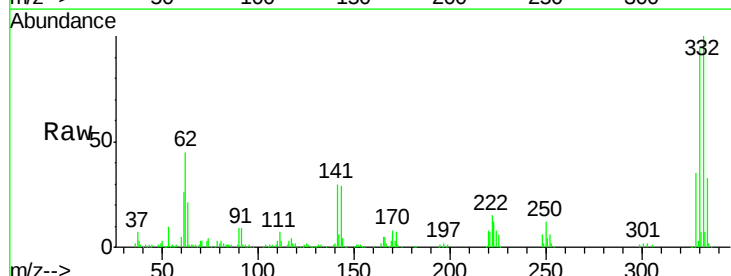
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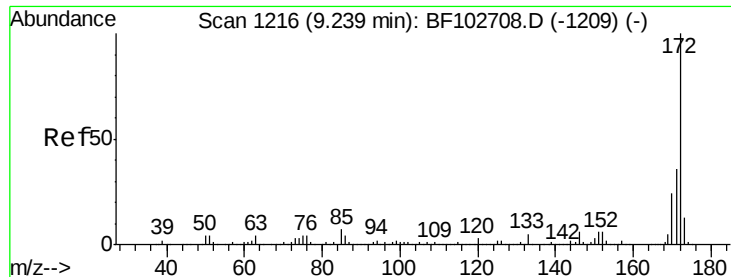
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#41
 2,4,6-Tribromophenol
 Concen: 96.420 ng
 RT: 10.71 min Scan# 1466
 Delta R.T. -0.00 min
 Lab File: BF103062.D
 Acq: 16 Feb 2018 19:39

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	194601		
332	103.7	77.0	115.6	
141	41.2	29.9	44.9	





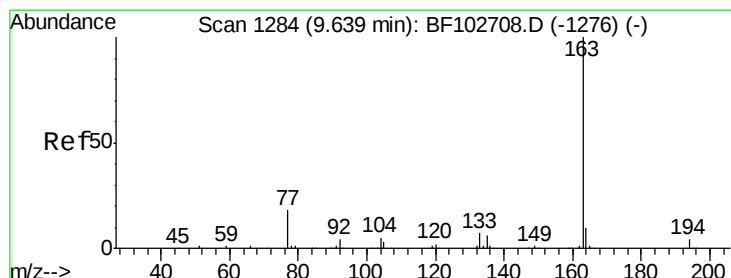
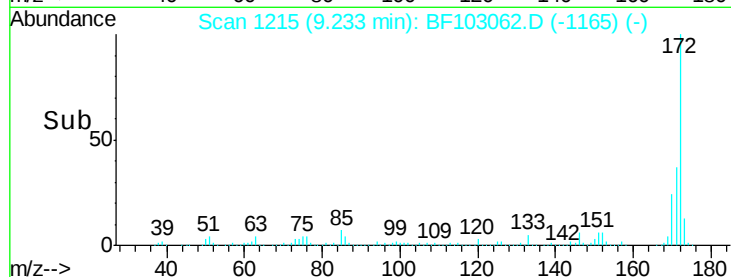
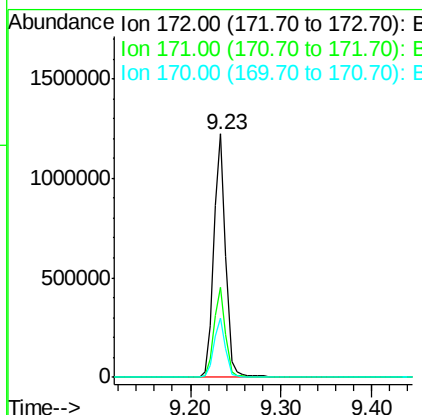
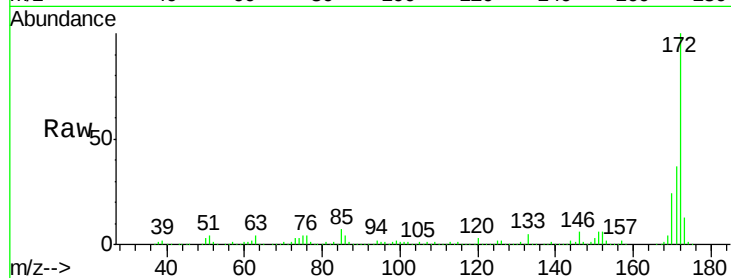
#44
2-Fluorobiphenyl
Concen: 74.038 ng
RT: 9.23 min Scan# 1215
Delta R.T. -0.01 min
Lab File: BF103062.D
Acq: 16 Feb 2018 19:39

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

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.7	29.7	44.5
170	24.3	19.6	29.4

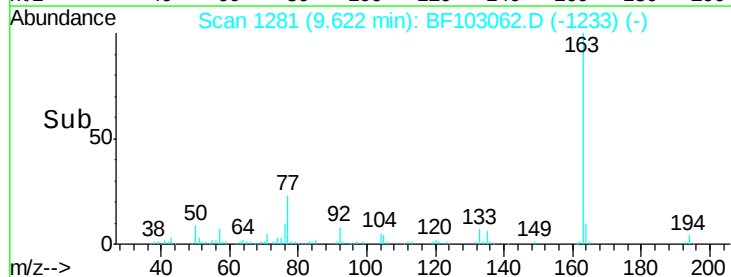
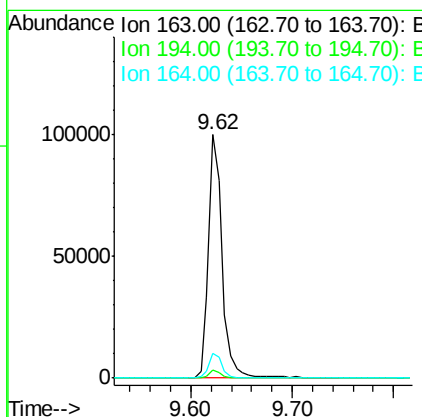
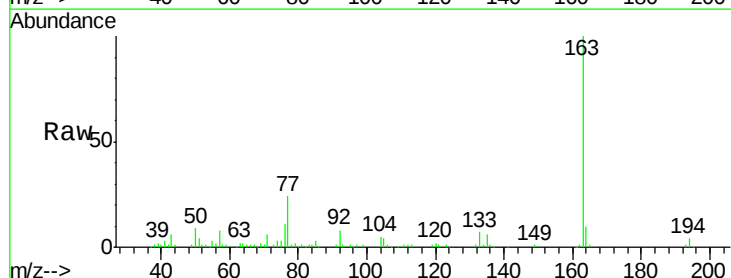
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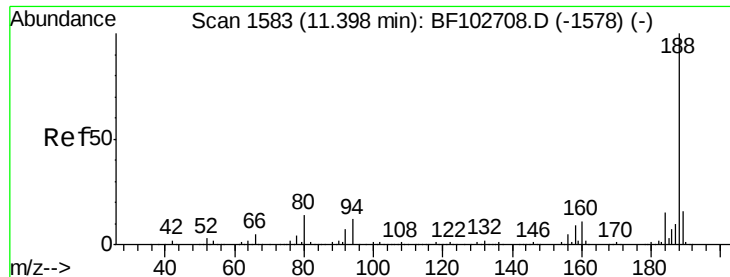
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#49
Dimethylphthalate
Concen: 4.807 ng
RT: 9.62 min Scan# 1281
Delta R.T. -0.02 min
Lab File: BF103062.D
Acq: 16 Feb 2018 19:39

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.6	2.7	4.1
164	10.3	8.2	12.2





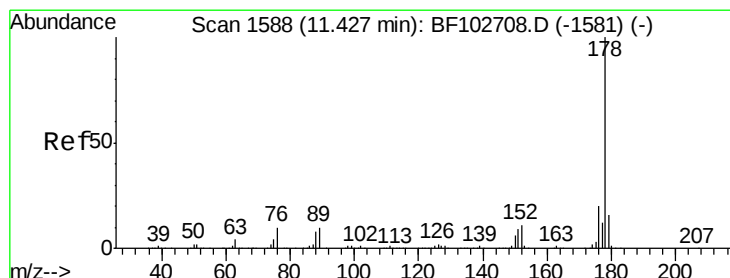
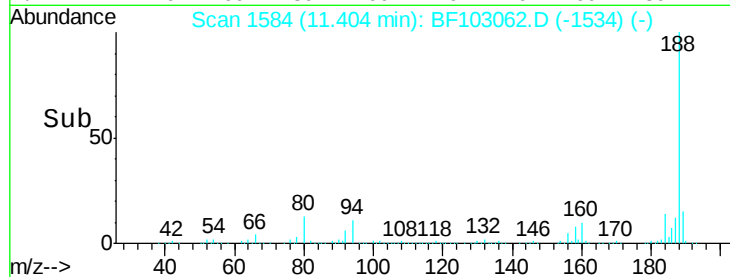
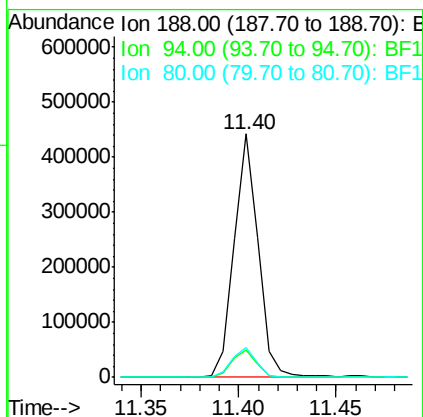
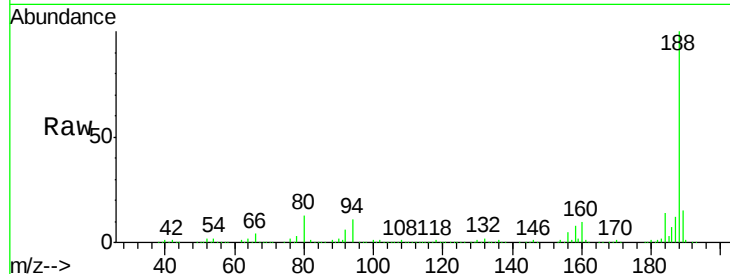
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1584
Delta R.T. -0.01 min
Lab File: BF103062.D
Acq: 16 Feb 2018 19:39

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

Tgt Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	11.0	8.5	12.7
80	12.5	9.2	13.8

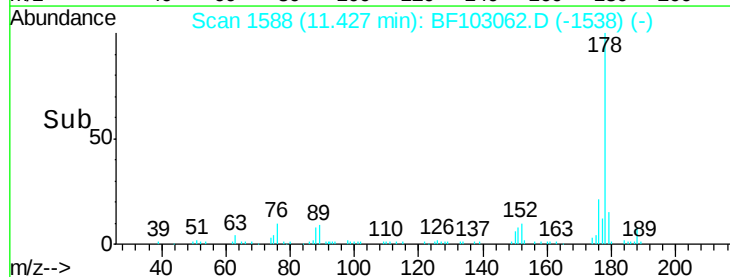
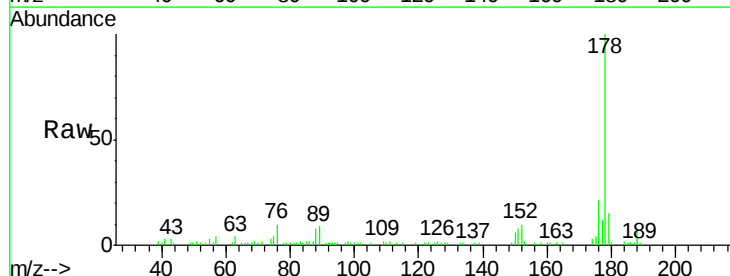
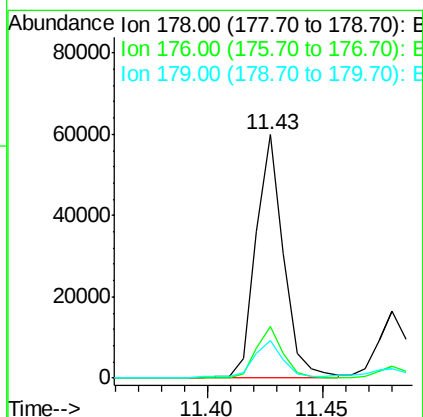
Manual Integrations
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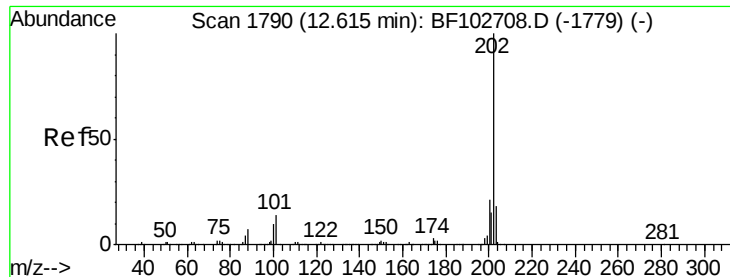
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#70
Phenanthrene
Concen: 2.390 ng
RT: 11.43 min Scan# 1588
Delta R.T. -0.01 min
Lab File: BF103062.D
Acq: 16 Feb 2018 19:39

Tgt Ion	Ratio	Resp Lower	Resp Upper
178	100		
176	21.2	15.8	23.8
179	15.2	13.0	19.6





#74

Fluoranthene

Concen: 4.364 ng

RT: 12.62 min Scan# 1790

Delta R.T. -0.01 min

Lab File: BF103062.D

Acq: 16 Feb 2018 19:39

Instrument :

BNA_F

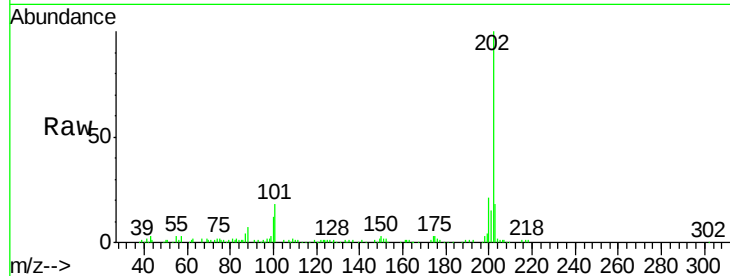
ClientSampleId :

FK-GF-02-012-B

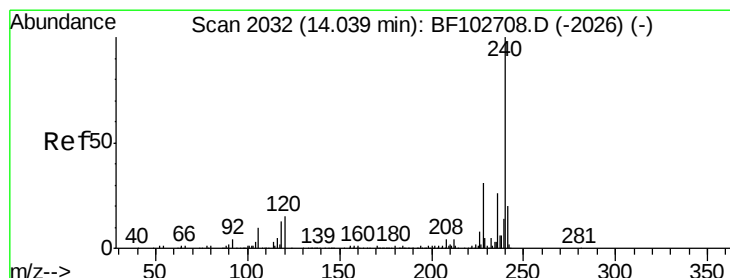
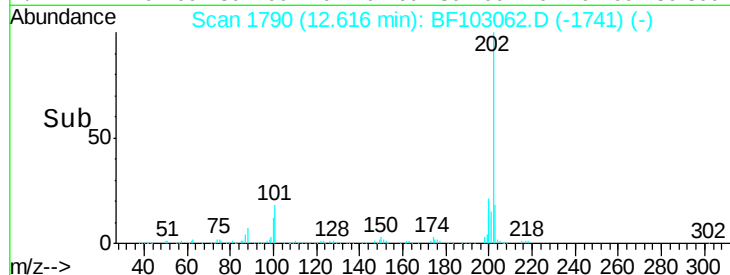
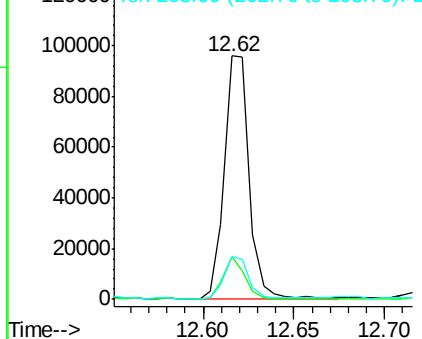
Tgt	Ion	202	Resp:	92528
Ion	Ratio	Lower	Upper	
202	100			
101	17.6	0.0	34.1	
203	17.5	0.0	38.1	

Manual Integrations
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Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E



#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.04 min Scan# 2033

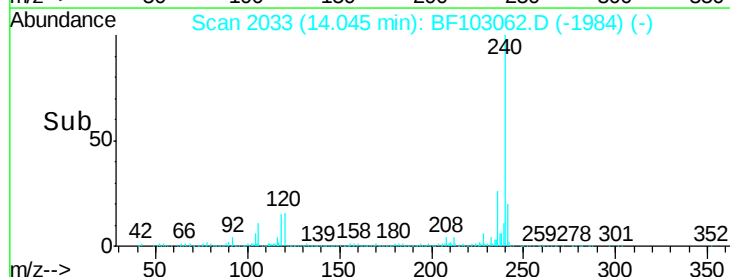
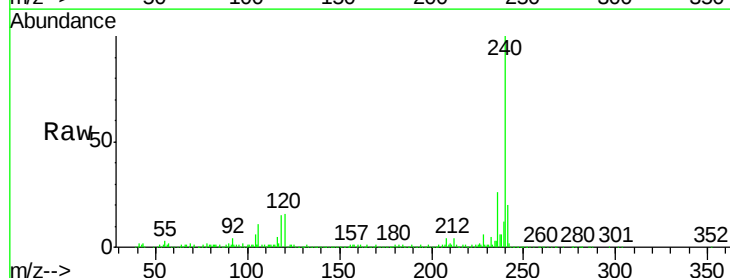
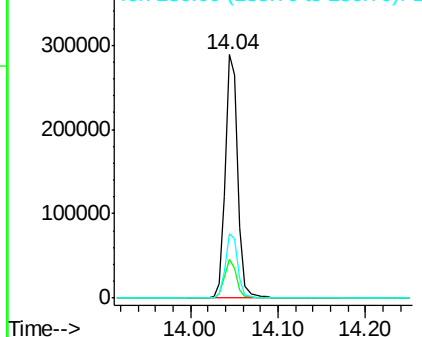
Delta R.T. -0.01 min

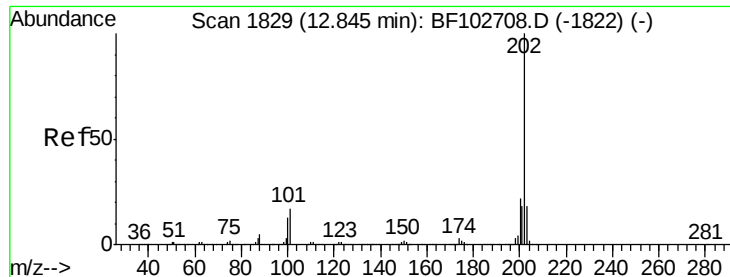
Lab File: BF103062.D

Acq: 16 Feb 2018 19:39

Tgt	Ion	240	Resp:	286908
Ion	Ratio	Lower	Upper	
240	100			
120	16.1	9.5	14.3#	
236	26.2	20.7	31.1	

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: 3.968 ng

RT: 12.85 min Scan# 1830

Delta R.T. -0.01 min

Lab File: BF103062.D

Acq: 16 Feb 2018 19:39

Instrument :

BNA_F

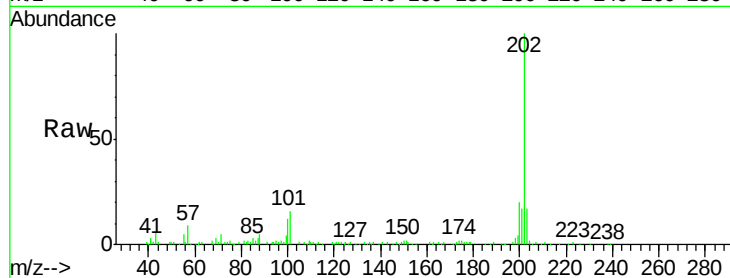
ClientSampleId :

FK-GF-02-012-B

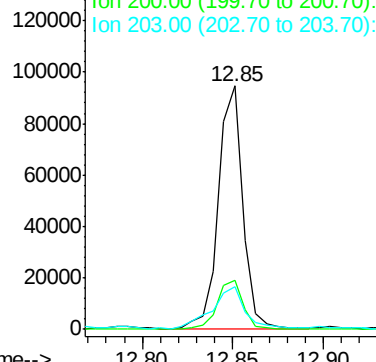
Tgt Ion:	202	Resp:	89278
Ion Ratio	Lower	Upper	
202	100		
200	20.3	17.4	26.2
203	17.4	14.3	21.5

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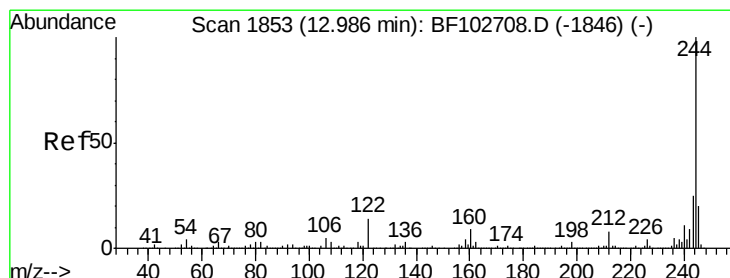
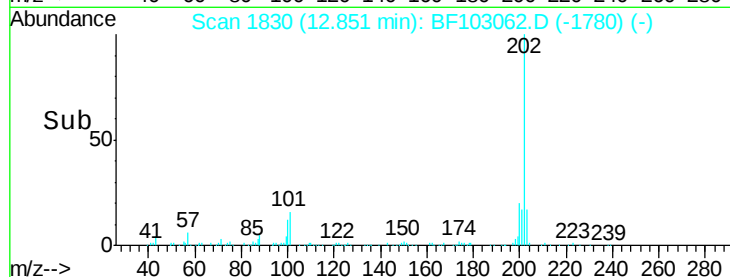
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Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E



Time-->



#78

Terphenyl-d14

Concen: 70.486 ng

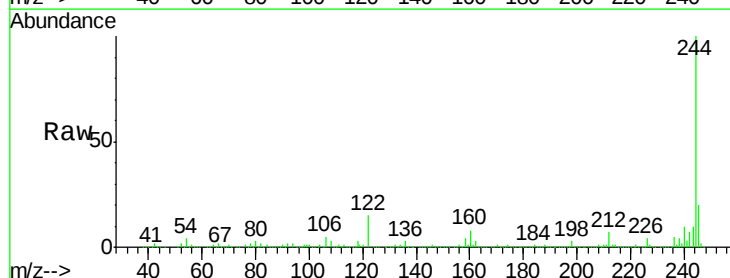
RT: 12.99 min Scan# 1853

Delta R.T. -0.01 min

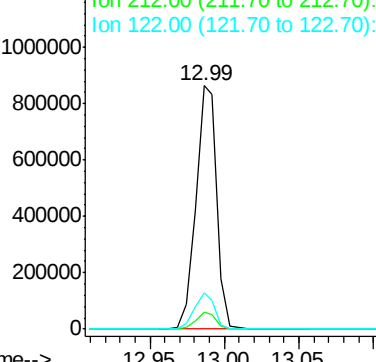
Lab File: BF103062.D

Acq: 16 Feb 2018 19:39

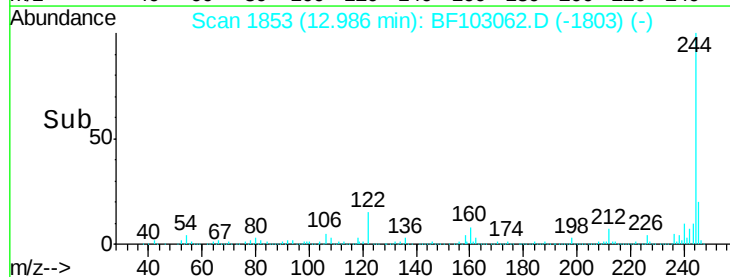
Tgt Ion:	244	Resp:	854089
Ion Ratio	Lower	Upper	
244	100		
212	7.0	5.4	8.0
122	15.0	11.0	16.4

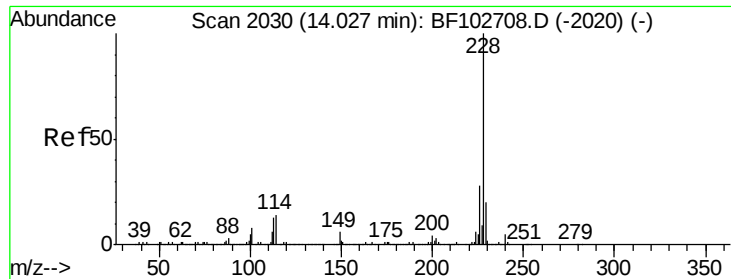


Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E



Time-->





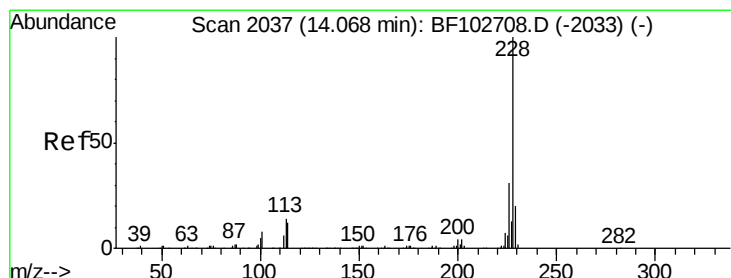
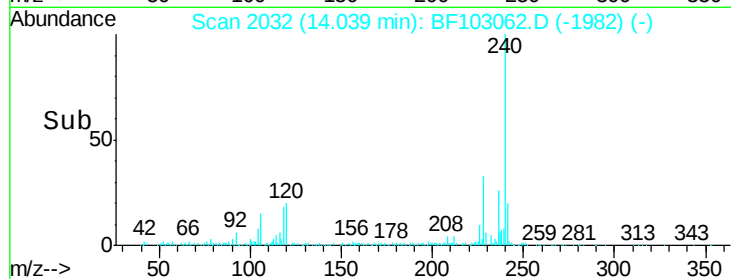
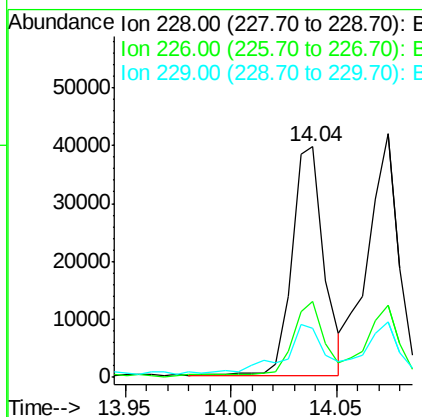
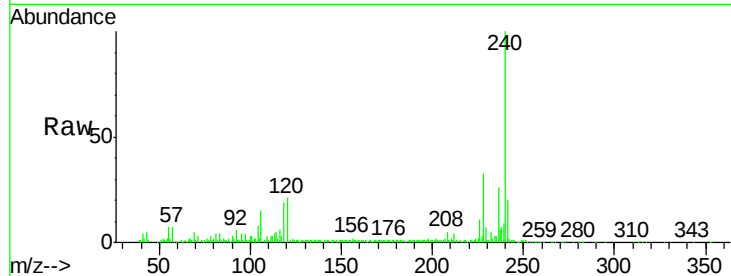
#80
Benzo(a)anthracene
Concen: 2.312 ng
RT: 14.04 min Scan# 2032
Delta R.T. -0.01 min
Lab File: BF103062.D
Acq: 16 Feb 2018 19:39

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

Tgt Ion	Ratio	Lower	Upper
228	100		
226	33.1	22.6	33.8
229	21.2	15.8	23.6

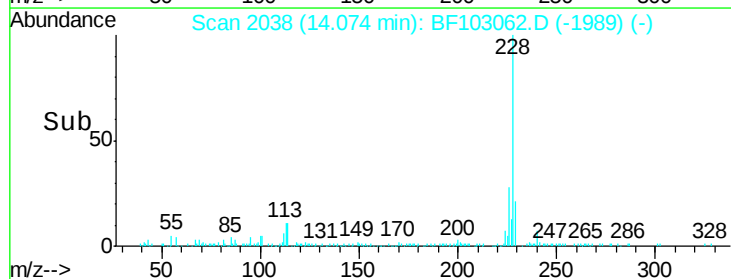
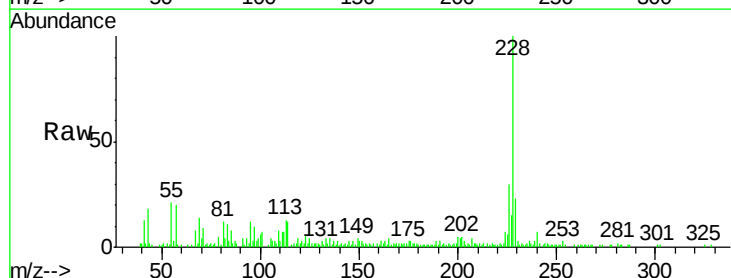
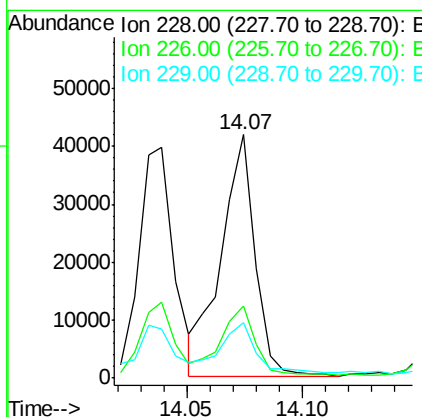
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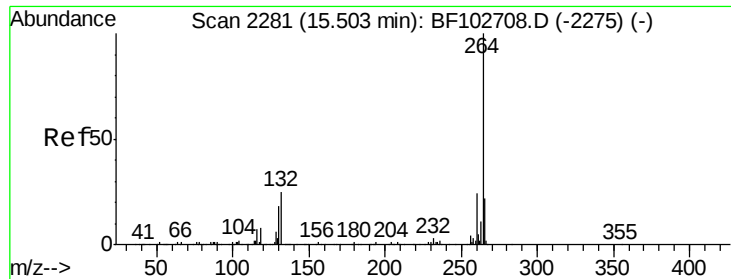
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#82
Chrysene
Concen: 2.332 ng
RT: 14.07 min Scan# 2038
Delta R.T. -0.01 min
Lab File: BF103062.D
Acq: 16 Feb 2018 19:39

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.5	25.0	37.6
229	22.7	16.2	24.4





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.54 min Scan# 2287

Delta R.T. -0.01 min

Lab File: BF103062.D

Acq: 16 Feb 2018 19:39

Instrument :

BNA_F

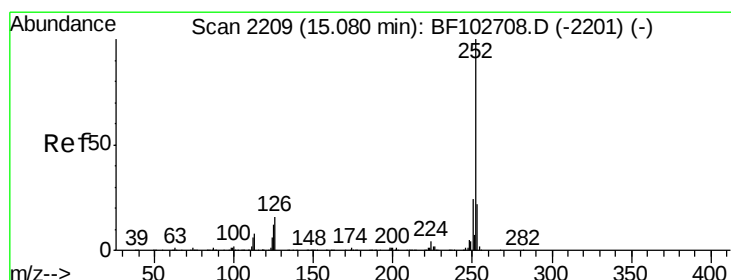
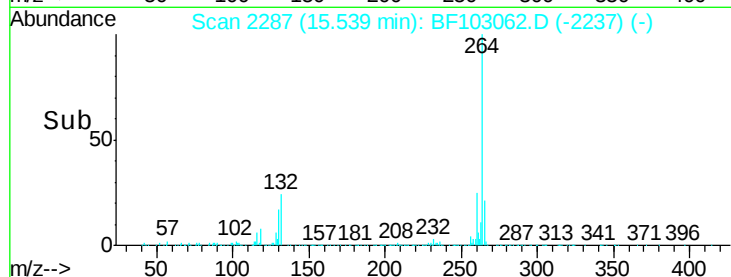
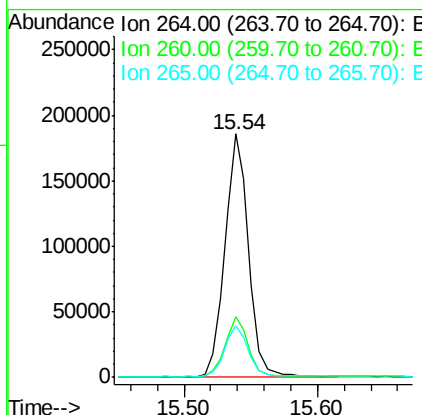
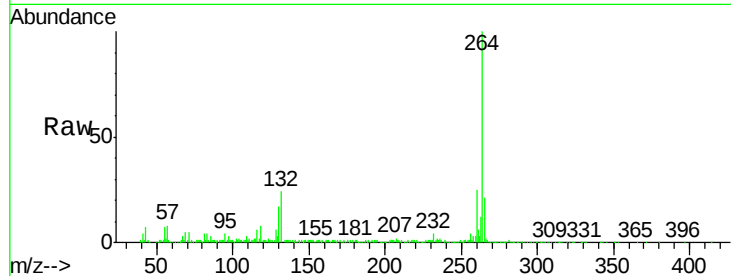
ClientSampleId :

FK-GF-02-012-B

Tgt Ion:	264	Resp:	232634
Ion Ratio		Lower	Upper
264	100		
260	24.9	19.2	28.8
265	21.4	17.5	26.3

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#87

Benzo(b)fluoranthene

Concen: 2.946 ng m

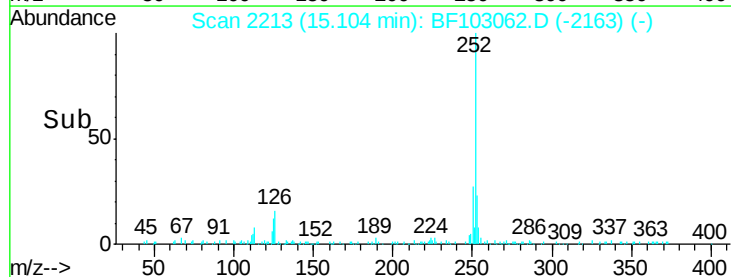
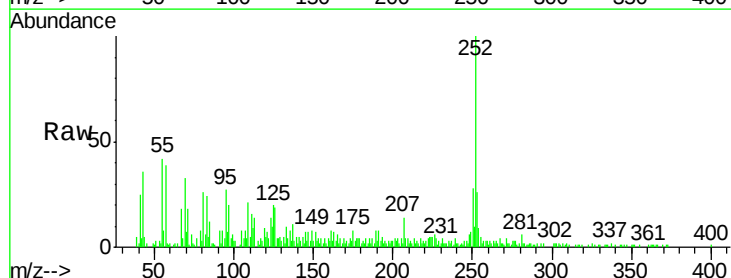
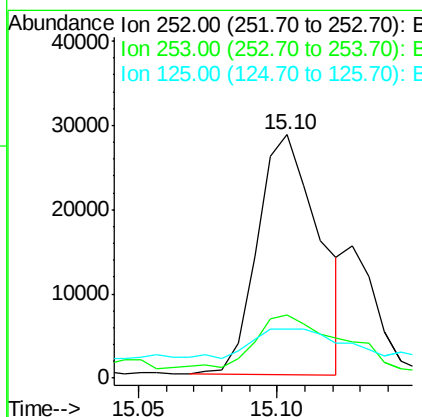
RT: 15.10 min Scan# 2213

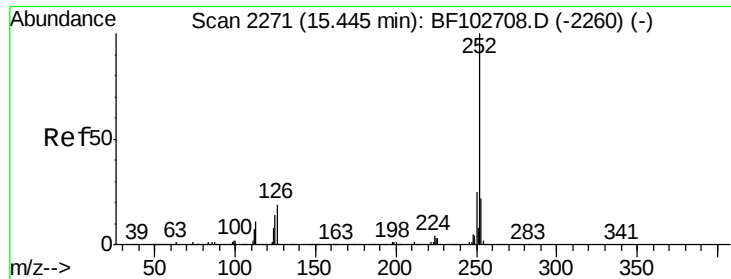
Delta R.T. -0.01 min

Lab File: BF103062.D

Acq: 16 Feb 2018 19:39

Tgt Ion:	252	Resp:	44426
Ion Ratio		Lower	Upper
252	100		
253	25.8	17.0	25.6#
125	20.3	9.0	13.6#





#89

Benzo(a)pyrene

Concen: 2.130 ng

RT: 15.47 min Scan# 2276

Delta R.T. -0.01 min

Lab File: BF103062.D

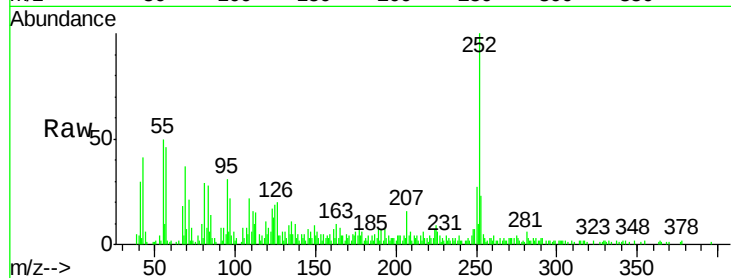
Acq: 16 Feb 2018 19:39

Instrument :

BNA_F

ClientSampleId :

FK-GF-02-012-B



Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.1	25.7
125	19.4	9.8	14.6

Manual Integrations
APPROVED

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2/19/2018 11:09:53 AM

