

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_F\DATA\BF021618\
 Data File : BF103055.D
 Acq On : 16 Feb 2018 16:33
 Operator : SJ/JU
 Sample : J1399-05 2X
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OR-02-021518-A

Manual Integrations
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Sohil
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Quant Time: Feb 16 17:52:24 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	183494	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	739475	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	296742	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	438153	20.00	ng	0.00
75) Chrysene-d12	14.04	240	329621	20.00	ng	-0.01
86) Perylene-d12	15.54	264	276602	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	647796	53.61	ng	0.00
7) Phenol-d6	6.50	99	764644	52.56	ng	0.00
23) Nitrobenzene-d5	7.43	82	459126	43.07	ng	-0.01
41) 2,4,6-Tribromophenol	10.70	330	118245	49.51	ng	0.00
44) 2-Fluorobiphenyl	9.23	172	737380	41.23	ng	0.00
78) Terphenyl-d14	12.99	244	505503	36.31	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	9.62	163	87674	3.789	ng	99
51) Acenaphthene	9.95	154	54025	2.956	ng	96
54) Dibenzofuran	10.12	168	62280	2.418	ng	96
57) Fluorene	10.46	166	64853	3.461	ng	98
70) Phenanthrene	11.43	178	313053	12.829	ng	97
71) Anthracene	11.48	178	127127	5.122	ng	100
74) Fluoranthene	12.62	202	407418	16.594	ng	97
77) Pyrene	12.84	202	344820	13.341	ng	99
80) Benzo(a)anthracene	14.03	228	169533	8.178	ng	98
82) Chrysene	14.07	228	147047	7.037	ng	97
85) Indeno(1,2,3-cd)pyrene	17.04	276	60268	3.477	ng	98
87) Benzo(b)fluoranthene	15.10	252	157546m	8.785	ng	
88) Benzo(k)fluoranthene	15.13	252	63333m	3.696	ng	
89) Benzo(a)pyrene	15.47	252	115545	7.158	ng	# 91
91) Benzo(g,h,i)perylene	17.50	276	56904	4.437	ng	95

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

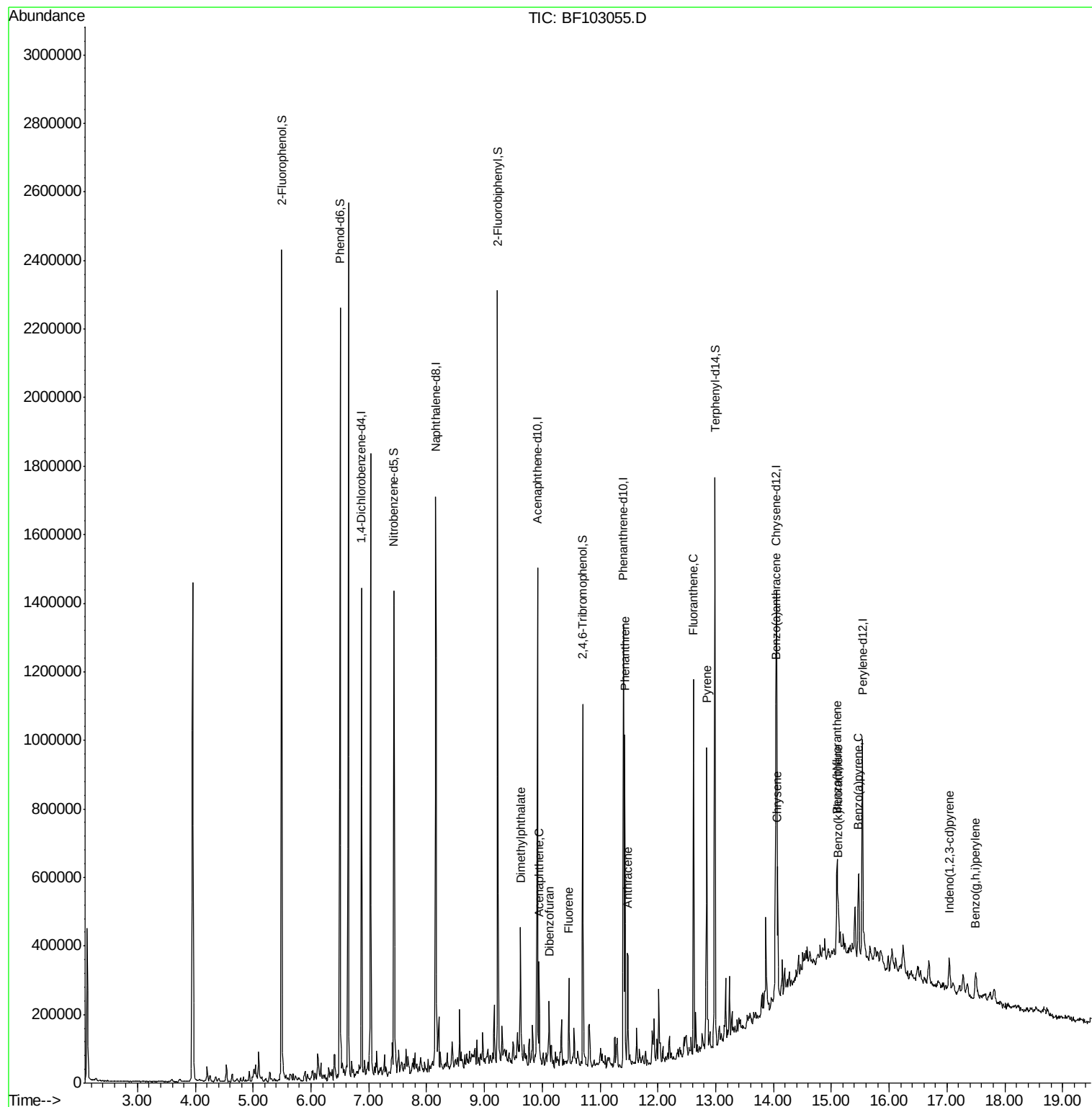
Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_F\DATA\BF021618\
Data File : BF103055.D
Acq On : 16 Feb 2018 16:33
Operator : SJ/JU
Sample : J1399-05 2X
Misc :
ALS Vial : 15 Sample Multiplier: 1

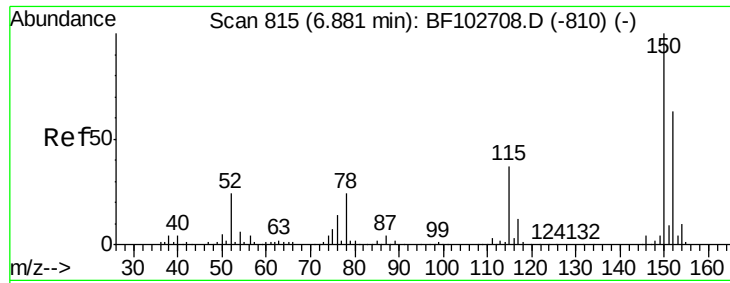
Instrument :
BNA_F
ClientSampleId :
OR-02-021518-A

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#1

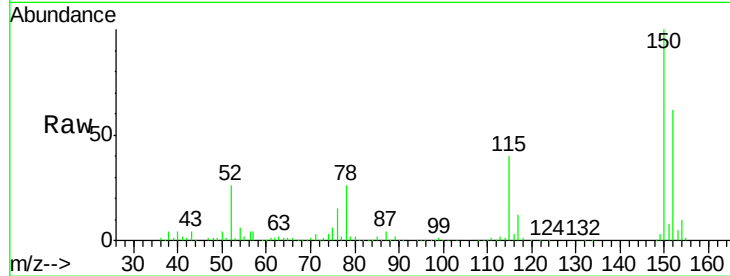
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 814
Delta R.T. -0.01 min
Lab File: BF103055.D
Acq: 16 Feb 2018 16:33

Instrument :
BNA_F
ClientSampleId :
OR-02-021518-A

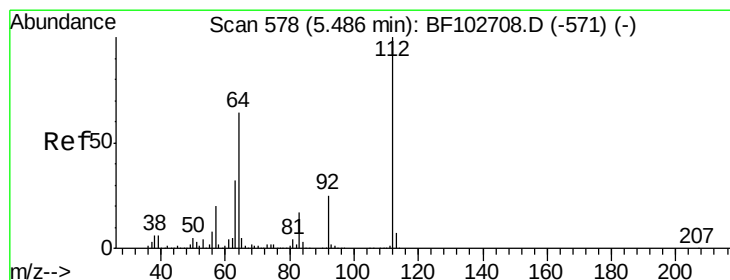
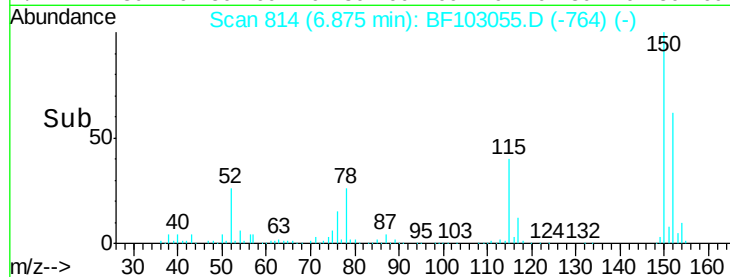
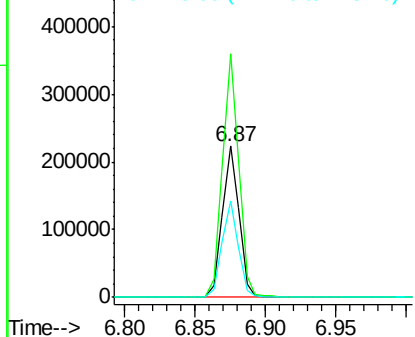
Tgt Ion	Ratio	Resp	Lower	Upper
152	100	183494		
150	161.1	124.6	186.8	
115	63.8	50.1	75.1	

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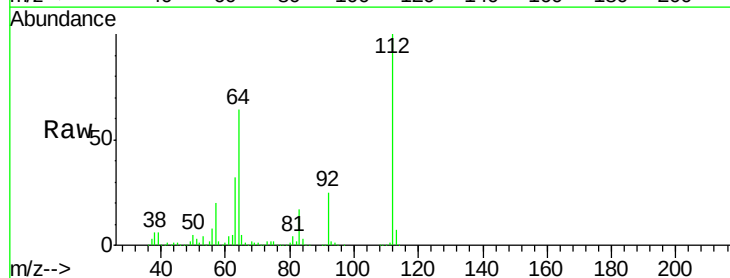
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



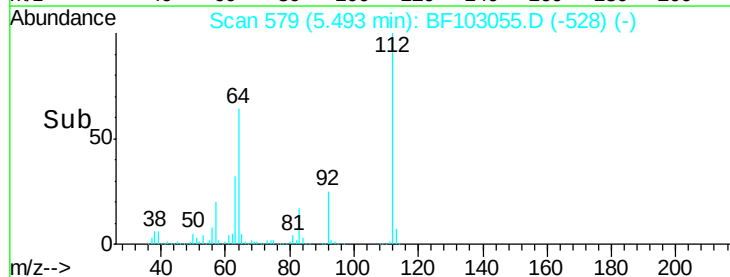
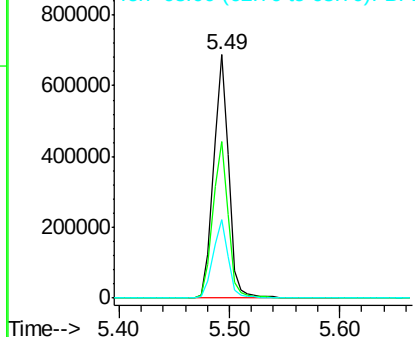
#5

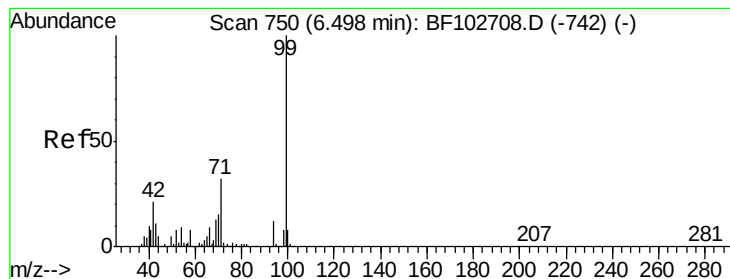
2-Fluorophenol
Concen: 53.614 ng
RT: 5.49 min Scan# 579
Delta R.T. 0.00 min
Lab File: BF103055.D
Acq: 16 Feb 2018 16:33

Tgt Ion	Ratio	Resp	Lower	Upper
112	100	647796		
64	64.3	47.9	71.9	
63	32.2	23.7	35.5	



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





#7

Phenol-d6

Concen: 52.559 ng

RT: 6.50 min Scan# 751

Delta R.T. -0.01 min

Lab File: BF103055.D

Acq: 16 Feb 2018 16:33

Instrument :

BNA_F

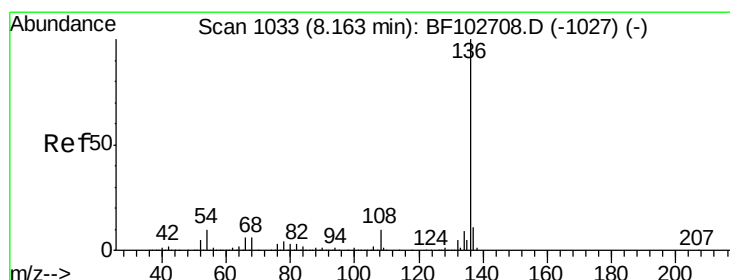
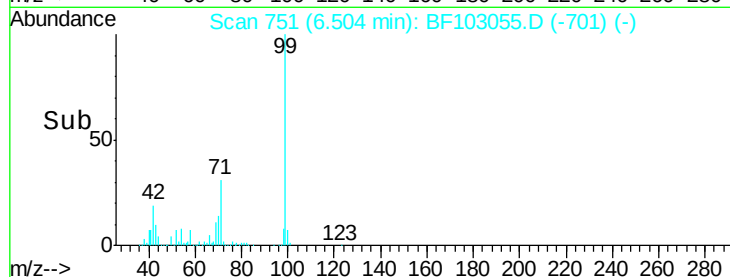
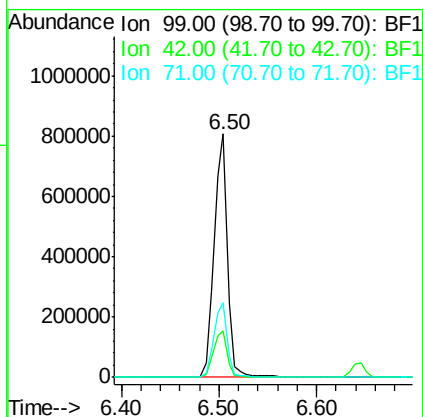
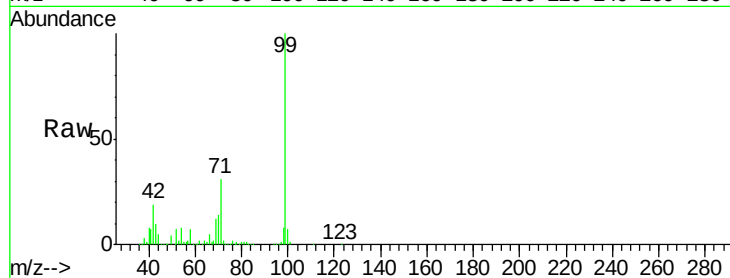
ClientSampleId :

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Tgt Ion:	99	Resp:	764644
Ion Ratio	Lower	Upper	
99	100		
42	18.8	14.5	21.7
71	30.7	25.4	38.0

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#21

Naphthalene-d8

Concen: 20.000 ng

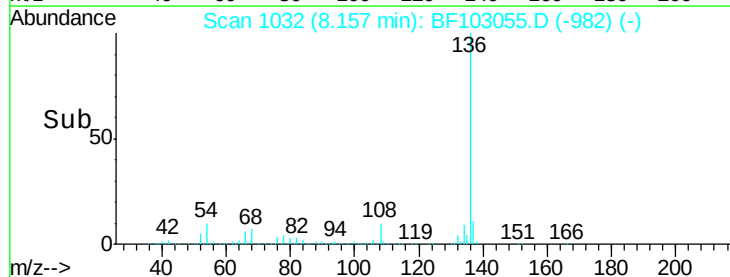
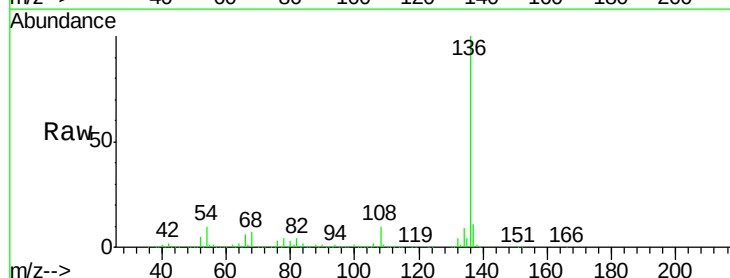
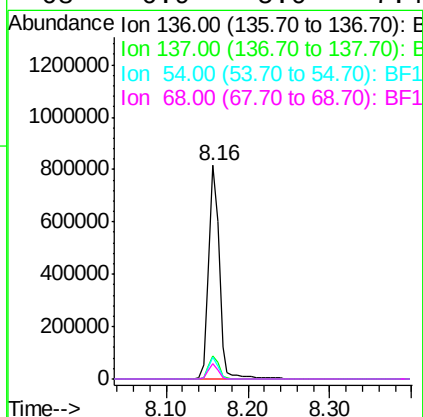
RT: 8.16 min Scan# 1032

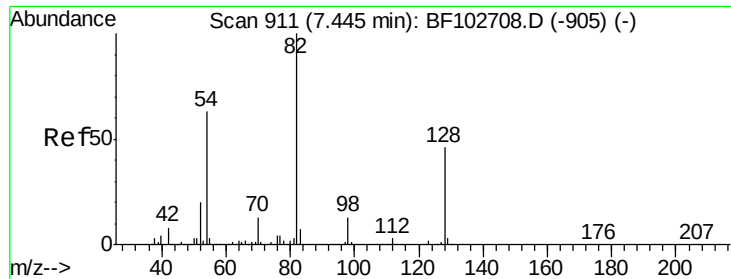
Delta R.T. -0.01 min

Lab File: BF103055.D

Acq: 16 Feb 2018 16:33

Tgt Ion:	136	Resp:	739475
Ion Ratio	Lower	Upper	
136	100		
137	11.1	8.9	13.3
54	10.1	6.6	9.8
68	6.9	5.0	7.4





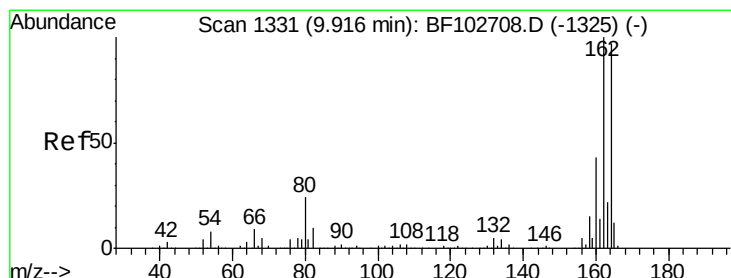
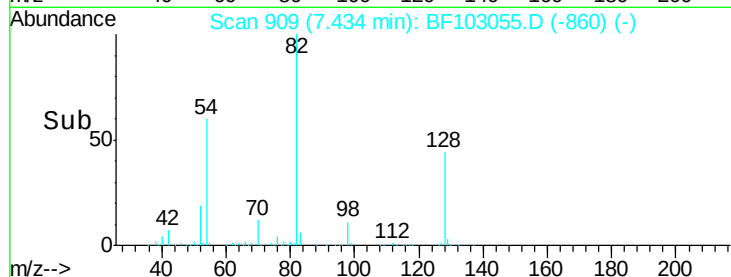
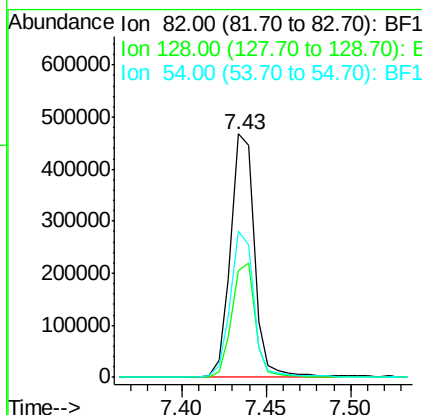
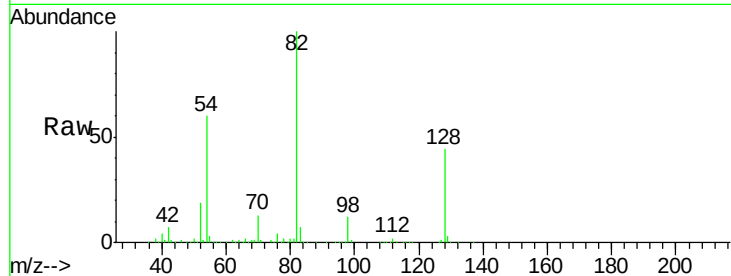
#23
Nitrobenzene-d5
Concen: 43.071 ng
RT: 7.43 min Scan# 909
Delta R.T. -0.01 min
Lab File: BF103055.D
Acq: 16 Feb 2018 16:33

Instrument :
BNA_F
ClientSampleId :
OR-02-021518-A

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	459126		
128	43.6	36.1	54.1	
54	60.1	41.4	62.2	

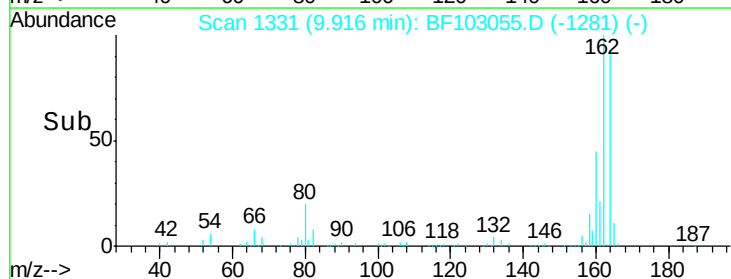
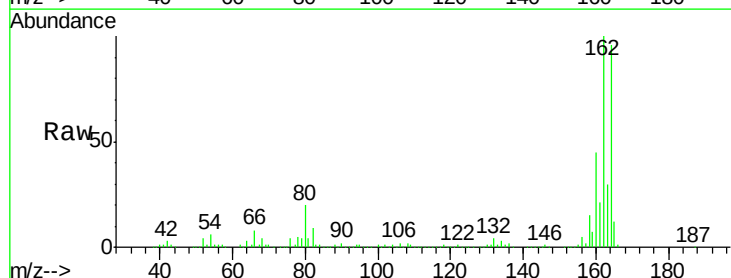
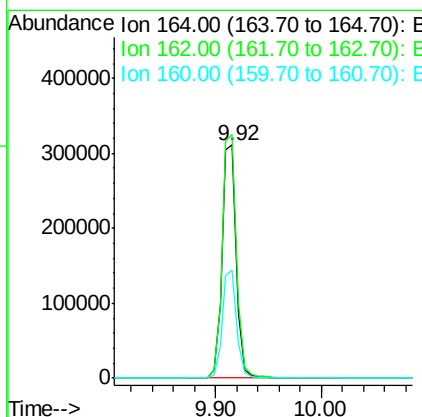
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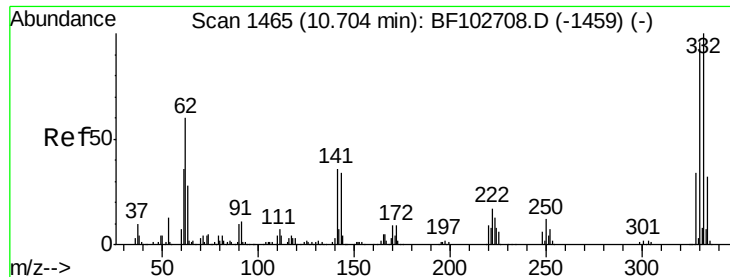
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.01 min
Lab File: BF103055.D
Acq: 16 Feb 2018 16:33

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	296742		
162	104.4	86.1	129.1	
160	46.5	38.3	57.5	





#41

2,4,6-Tribromophenol

Concen: 49.507 ng

RT: 10.70 min Scan# 1465

Delta R.T. -0.01 min

Lab File: BF103055.D

Acq: 16 Feb 2018 16:33

Instrument :

BNA_F

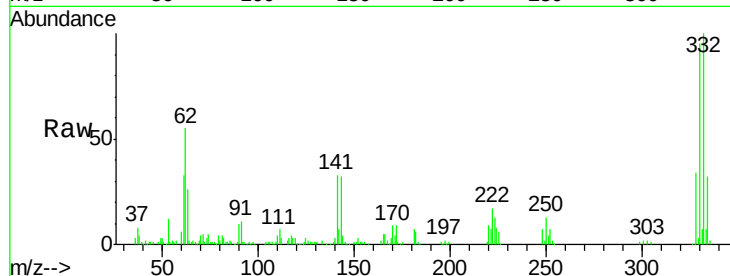
ClientSampleId :

OR-02-021518-A

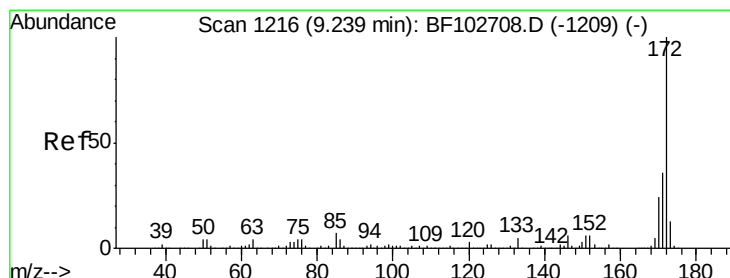
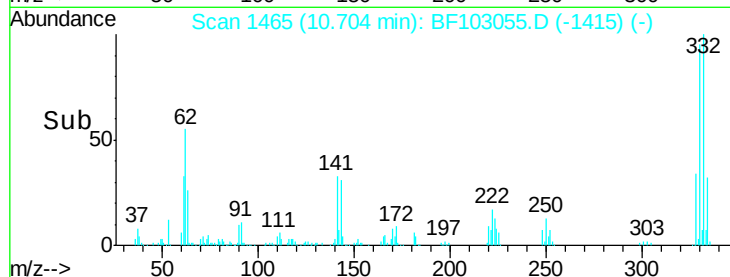
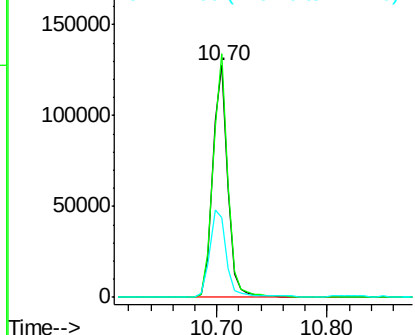
Tgt Ion:	330	Resp:	118245
Ion Ratio	Lower	Upper	
330	100		
332	103.4	77.0	115.6
141	41.1	29.9	44.9

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Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E



#44

2-Fluorobiphenyl

Concen: 41.234 ng

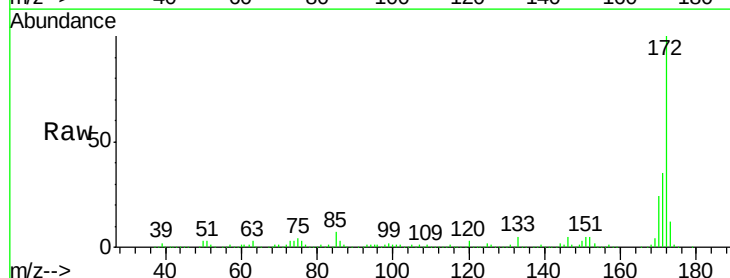
RT: 9.23 min Scan# 1215

Delta R.T. -0.01 min

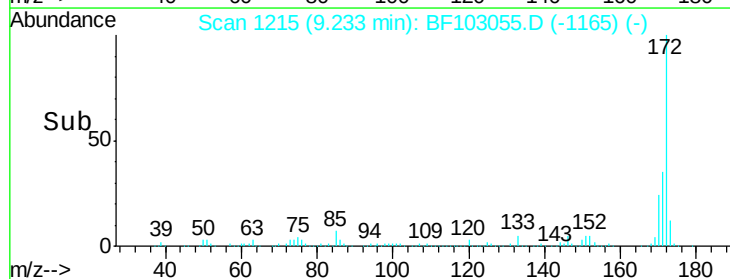
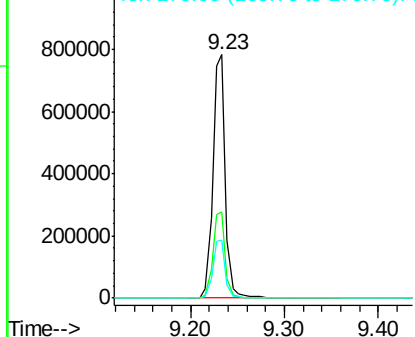
Lab File: BF103055.D

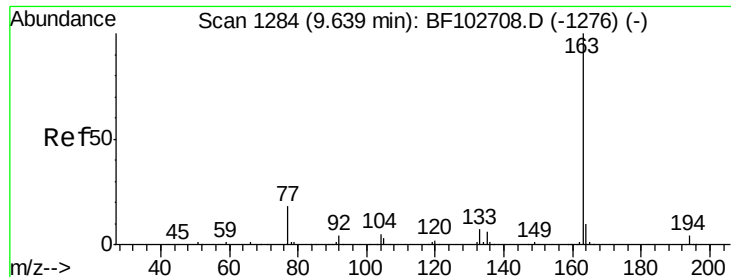
Acq: 16 Feb 2018 16:33

Tgt Ion:	172	Resp:	737380
Ion Ratio	Lower	Upper	
172	100		
171	35.4	29.7	44.5
170	23.9	19.6	29.4



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





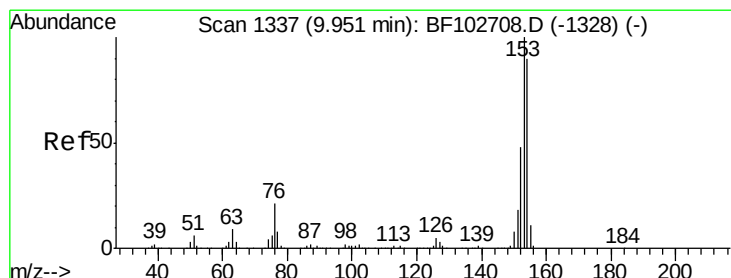
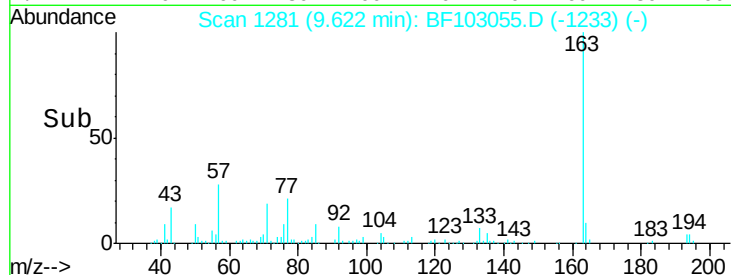
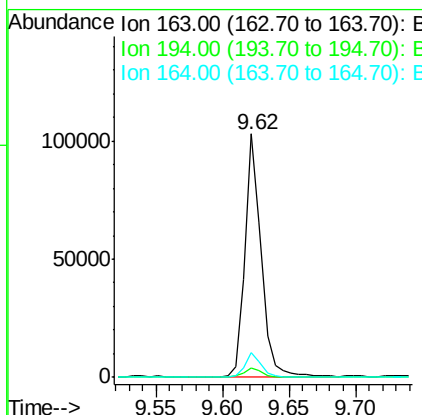
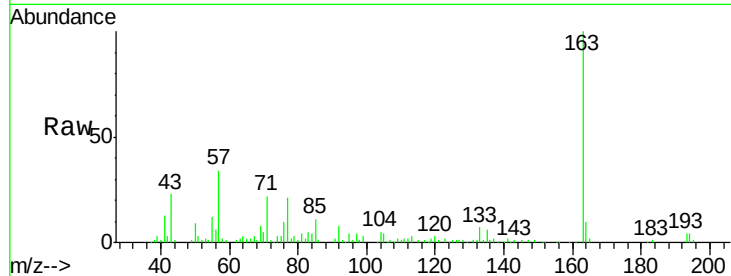
#49
Dimethylphthalate
Concen: 3.789 ng
RT: 9.62 min Scan# 1281
Delta R.T. -0.02 min
Lab File: BF103055.D
Acq: 16 Feb 2018 16:33

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BNA_F
ClientSampleId :
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Tgt Ion	Ratio	Resp	Lower	Upper
163	100	87674		
194	3.9		2.7	4.1
164	10.3		8.2	12.2

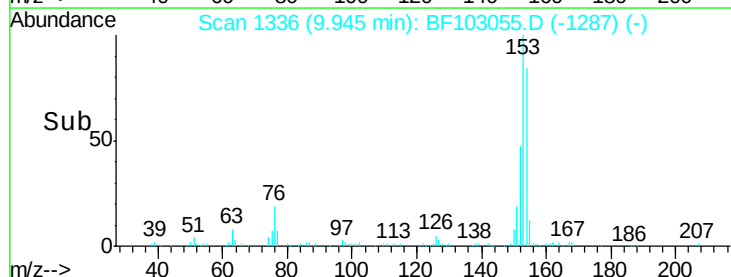
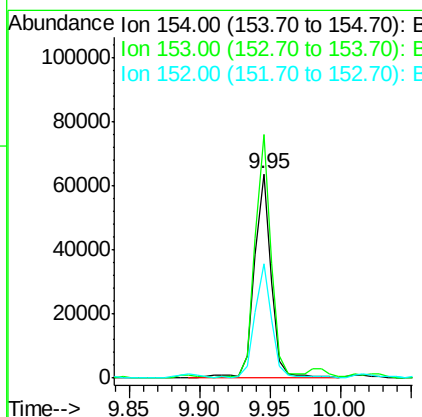
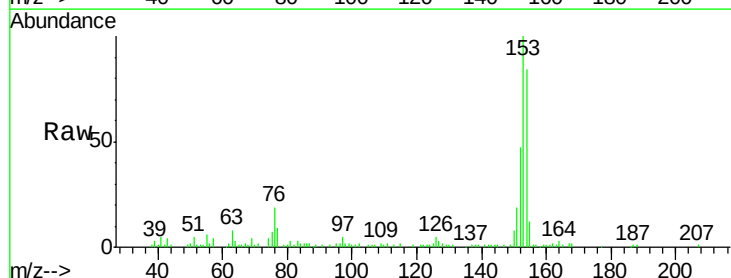
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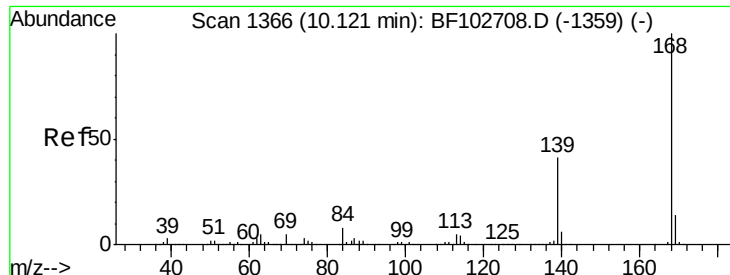
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#51
Acenaphthene
Concen: 2.956 ng
RT: 9.95 min Scan# 1336
Delta R.T. -0.01 min
Lab File: BF103055.D
Acq: 16 Feb 2018 16:33

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	54025		
153	119.3		91.2	136.8
152	55.8		43.8	65.8





#54

Dibenzenofuran

Concen: 2.418 ng

RT: 10.12 min Scan# 1365

Delta R.T. -0.01 min

Lab File: BF103055.D

Acq: 16 Feb 2018 16:33

Instrument :

BNA_F

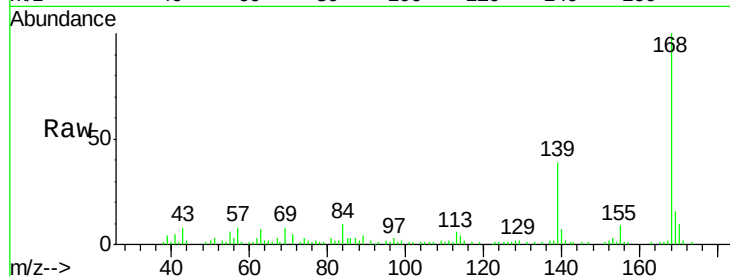
ClientSampleId :

OR-02-021518-A

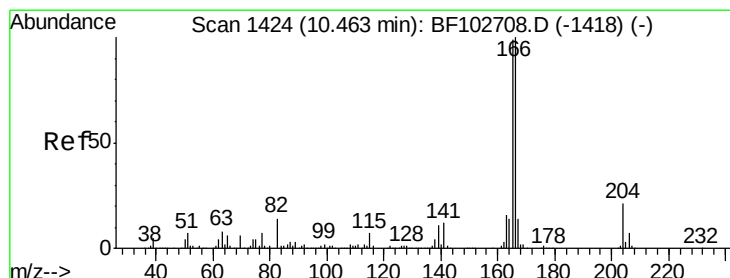
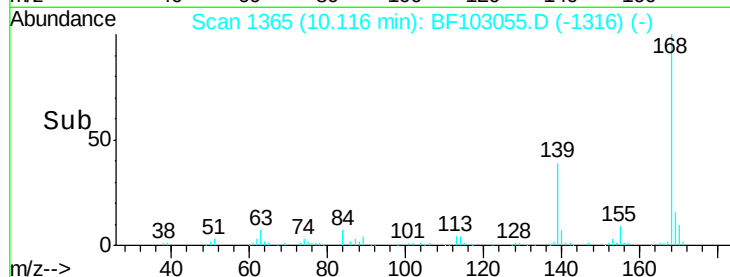
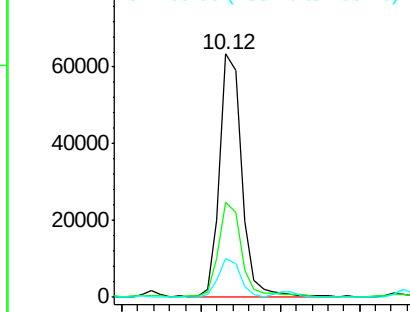
Tgt Ion:	168	Resp:	62280
Ion Ratio	Lower	Upper	
168	100		
139	39.3	30.1	45.1
169	15.9	10.9	16.3

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Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E



#57

Fluorene

Concen: 3.461 ng

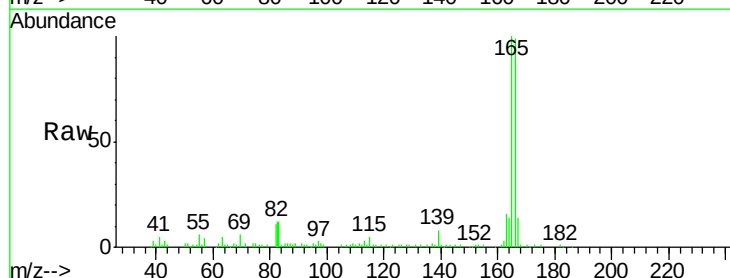
RT: 10.46 min Scan# 1424

Delta R.T. -0.01 min

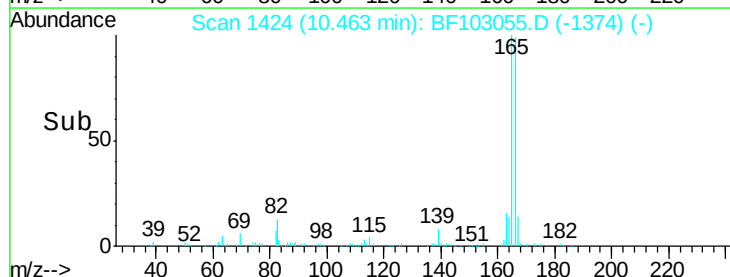
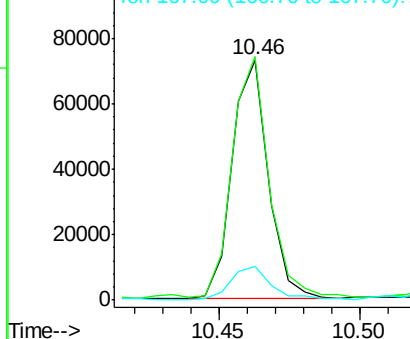
Lab File: BF103055.D

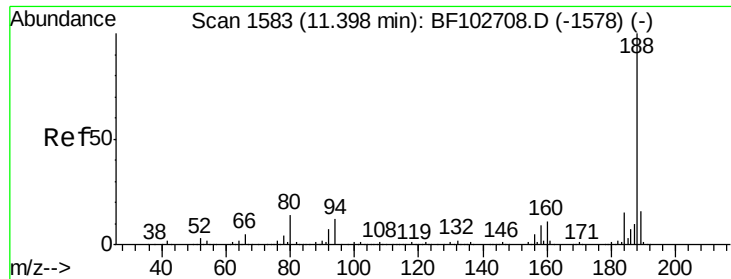
Acq: 16 Feb 2018 16:33

Tgt Ion:	166	Resp:	64853
Ion Ratio	Lower	Upper	
166	100		
165	101.4	79.8	119.8
167	14.2	10.6	16.0



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E





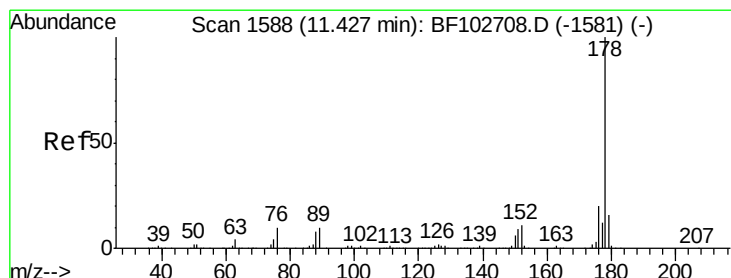
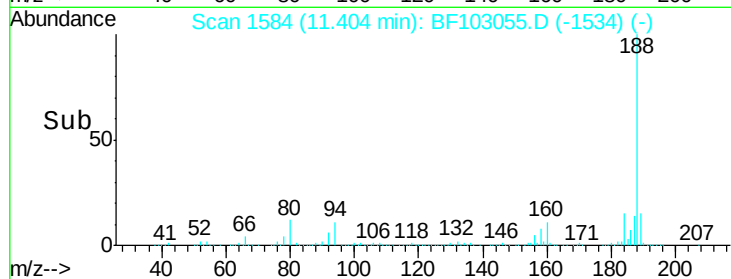
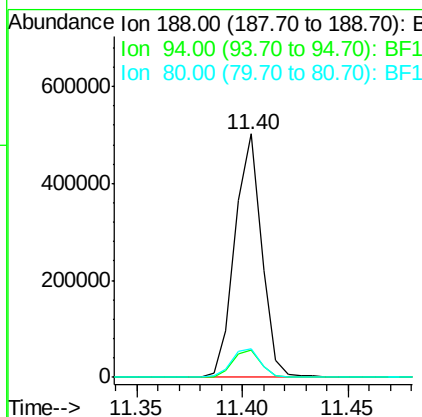
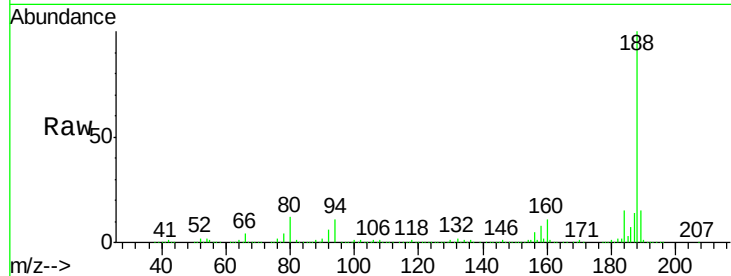
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1584
Delta R.T. -0.01 min
Lab File: BF103055.D
Acq: 16 Feb 2018 16:33

Instrument :
BNA_F
ClientSampleId :
OR-02-021518-A

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	438153		
94	11.5	8.5	12.7	
80	11.8	9.2	13.8	

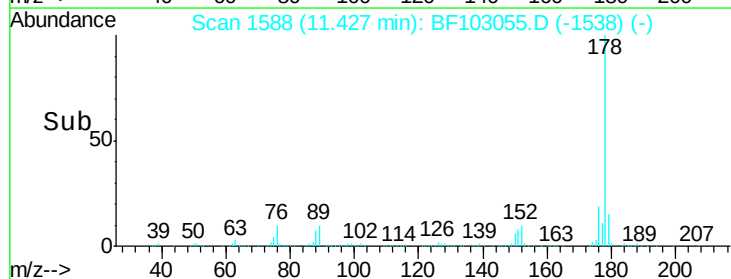
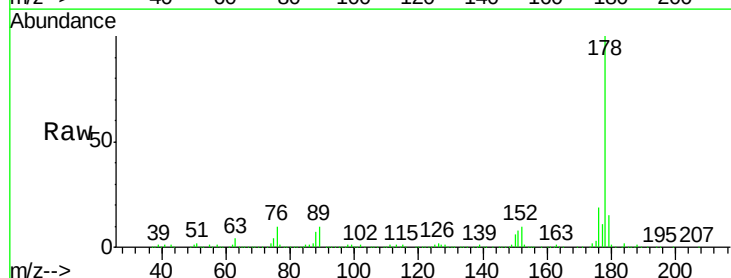
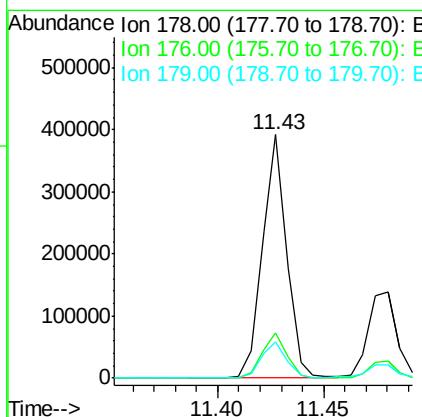
Manual Integrations
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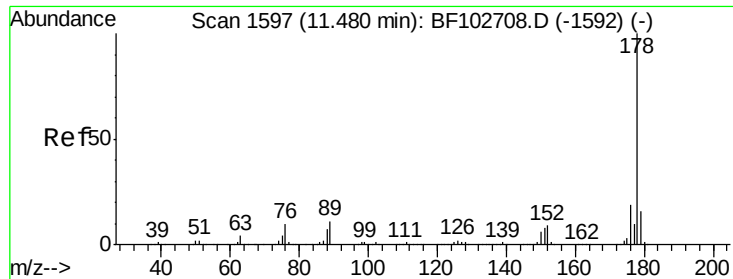
Sohil
2/19/2018 11:09:35 AM



#70
Phenanthrene
Concen: 12.829 ng
RT: 11.43 min Scan# 1588
Delta R.T. -0.01 min
Lab File: BF103055.D
Acq: 16 Feb 2018 16:33

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	313053		
176	18.6	15.8	23.8	
179	15.0	13.0	19.6	





#71

Anthracene

Concen: 5.122 ng

RT: 11.48 min Scan# 1597

Delta R.T. -0.01 min

Lab File: BF103055.D

Acq: 16 Feb 2018 16:33

Instrument :

BNA_F

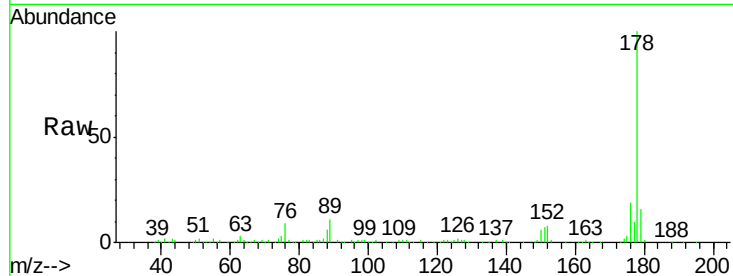
ClientSampleId :

OR-02-021518-A

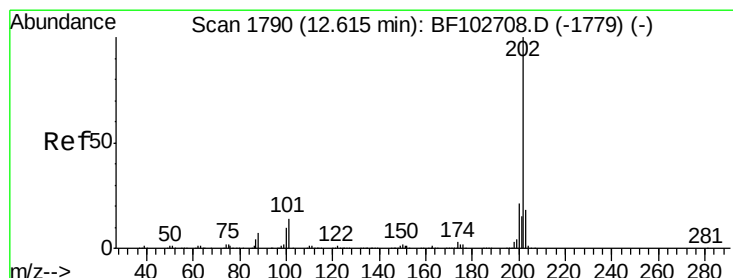
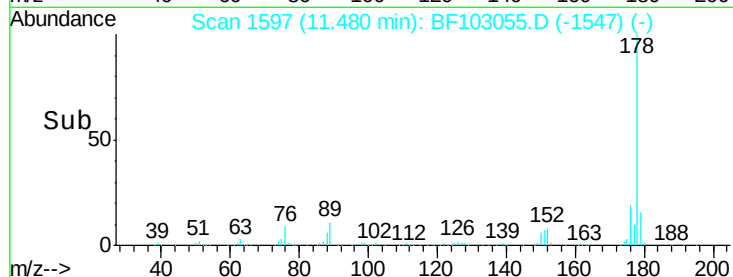
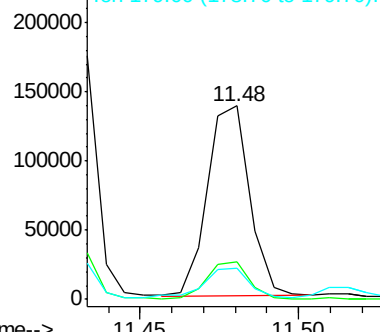
Tgt Ion:	178	Resp:	127127
Ion Ratio	Lower	Upper	
178	100		
176	19.2	15.4	23.2
179	16.0	12.6	19.0

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Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E



#74

Fluoranthene

Concen: 16.594 ng

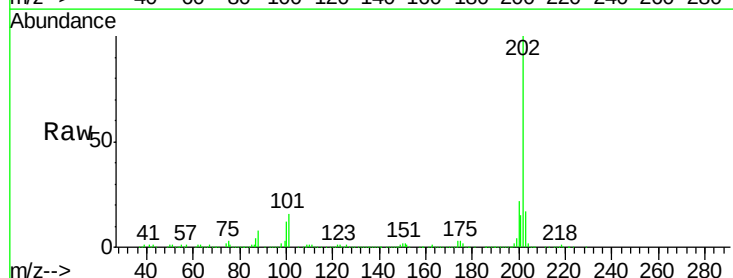
RT: 12.62 min Scan# 1790

Delta R.T. -0.01 min

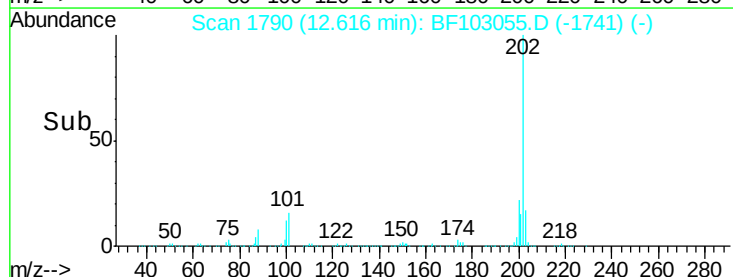
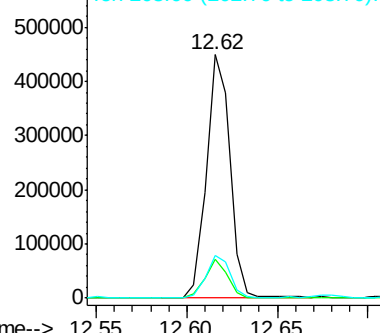
Lab File: BF103055.D

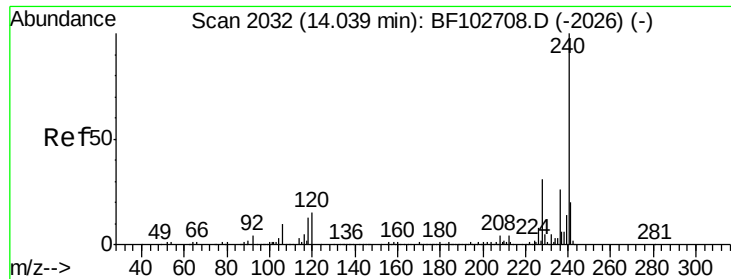
Acq: 16 Feb 2018 16:33

Tgt Ion:	202	Resp:	407418
Ion Ratio	Lower	Upper	
202	100		
101	16.0	0.0	34.1
203	17.4	0.0	38.1



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





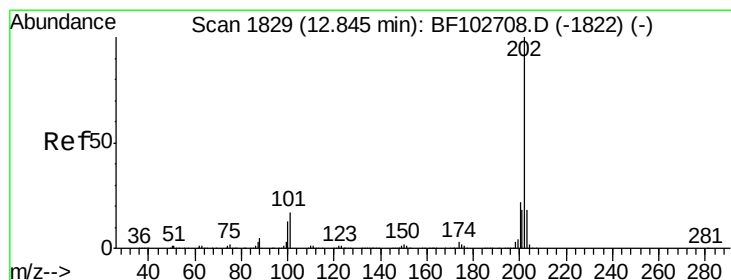
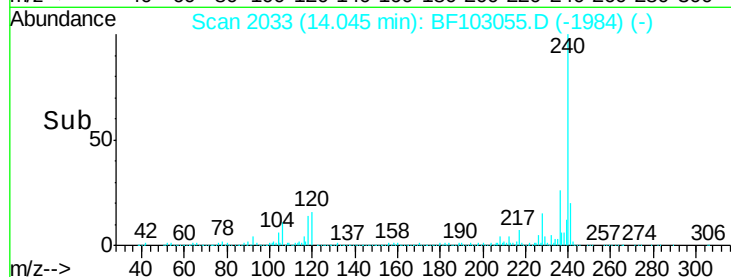
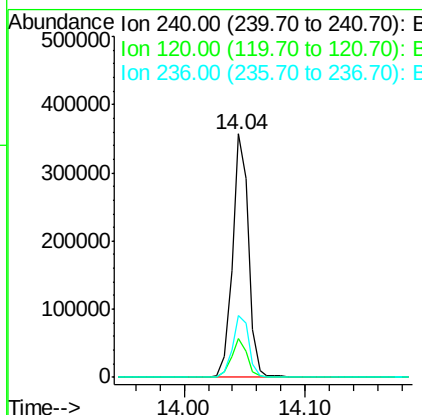
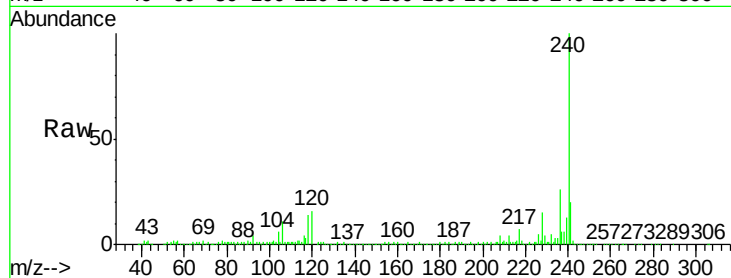
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.04 min Scan# 2032
Delta R.T. -0.01 min
Lab File: BF103055.D
Acq: 16 Feb 2018 16:33

Instrument :
BNA_F
ClientSampleId :
OR-02-021518-A

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	329621		
120	15.9	9.5	14.3#	
236	25.6	20.7	31.1	

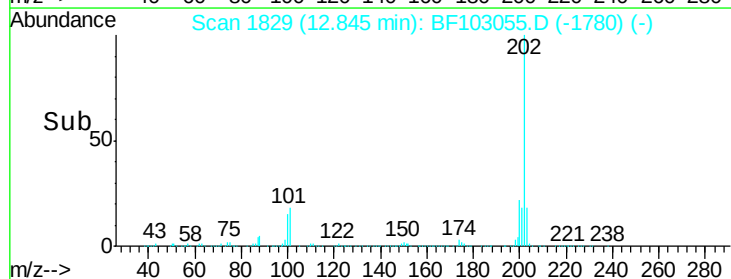
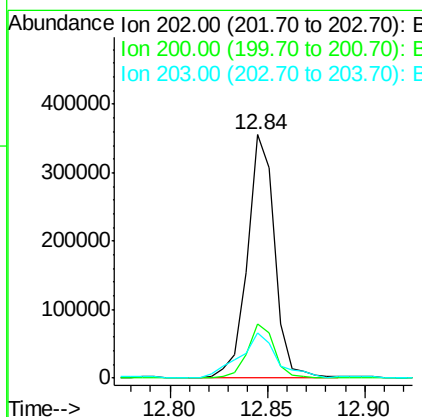
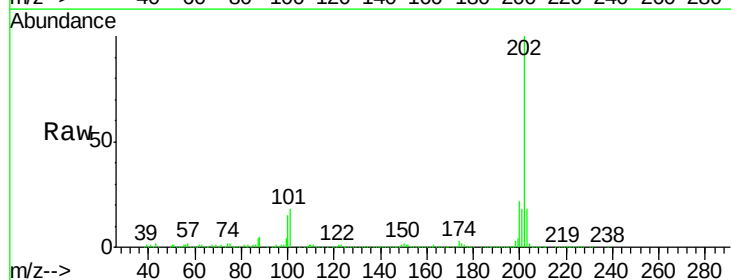
Manual Integrations
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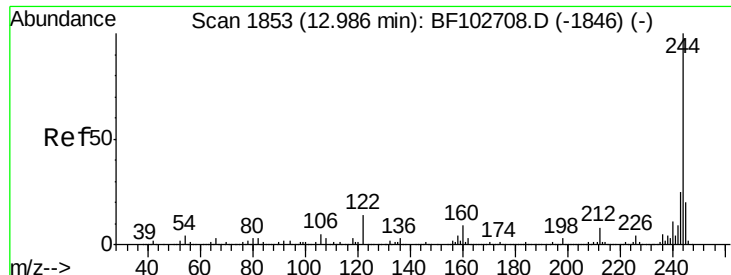
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#77
Pyrene
Concen: 13.341 ng
RT: 12.84 min Scan# 1829
Delta R.T. -0.01 min
Lab File: BF103055.D
Acq: 16 Feb 2018 16:33

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	344820		
200	22.2	17.4	26.2	
203	18.4	14.3	21.5	





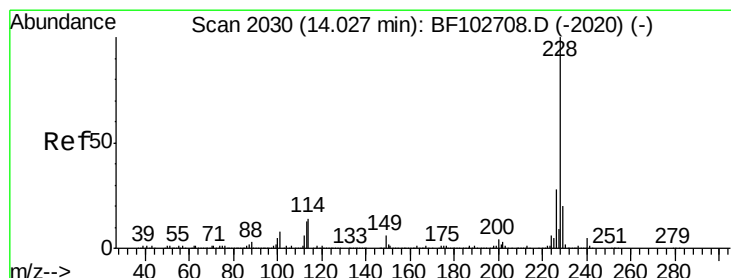
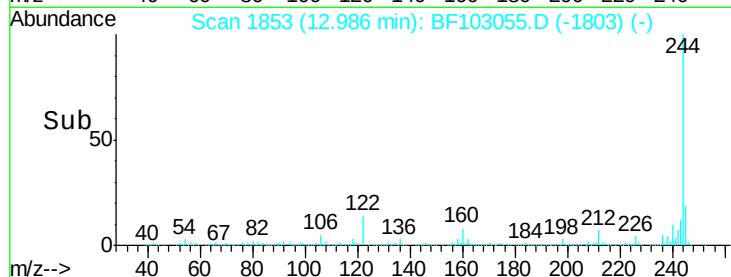
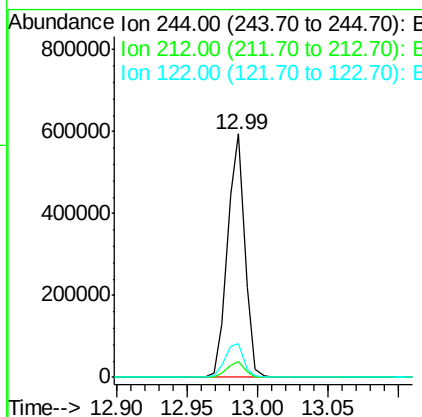
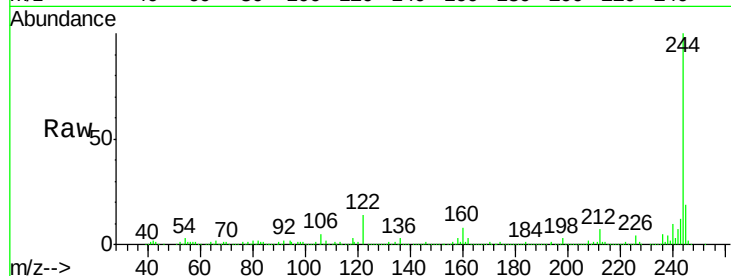
#78
 Terphenyl-d14
 Concen: 36.312 ng
 RT: 12.99 min Scan# 1853
 Delta R.T. -0.01 min
 Lab File: BF103055.D
 Acq: 16 Feb 2018 16:33

Instrument :
 BNA_F
 ClientSampleId :
 OR-02-021518-A

Tgt Ion	Ratio	Resp	Lower	Upper
244	100	505503		
212	6.7	5.4	8.0	
122	13.8	11.0	16.4	

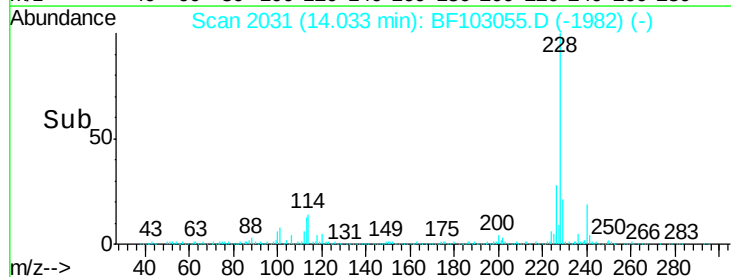
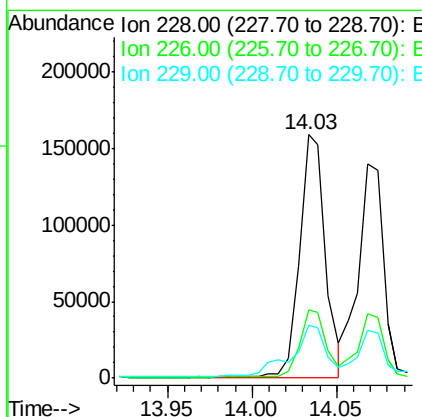
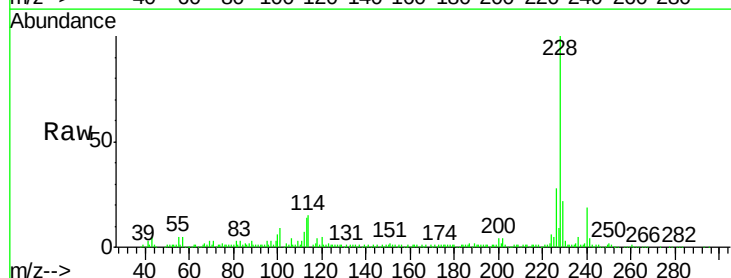
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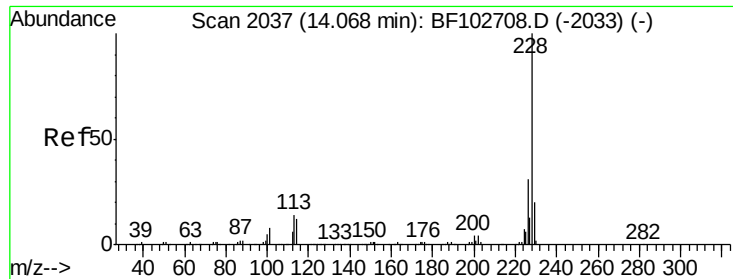
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#80
 Benzo(a)anthracene
 Concen: 8.178 ng
 RT: 14.03 min Scan# 2031
 Delta R.T. -0.01 min
 Lab File: BF103055.D
 Acq: 16 Feb 2018 16:33

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	169533		
226	28.2	22.6	33.8	
229	21.6	15.8	23.6	





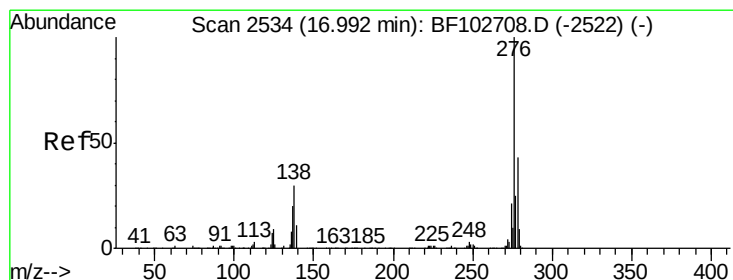
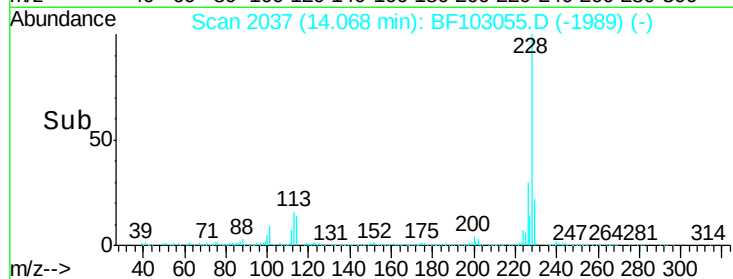
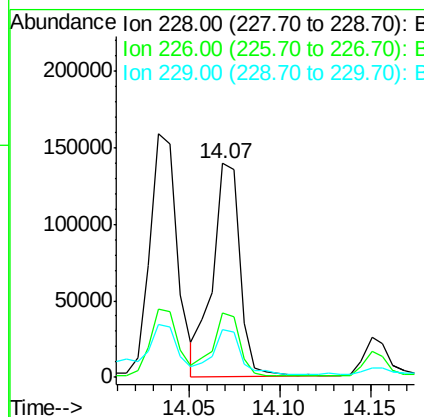
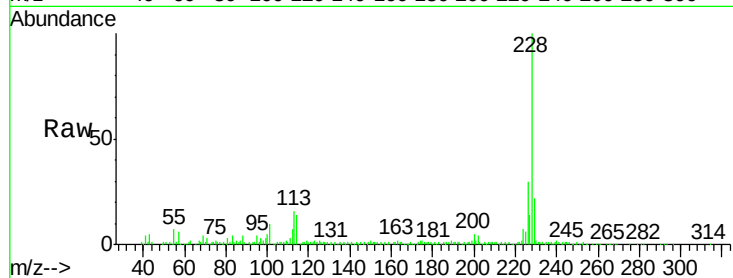
#82
Chrysene
Concen: 7.037 ng
RT: 14.07 min Scan# 2037
Delta R.T. -0.02 min
Lab File: BF103055.D
Acq: 16 Feb 2018 16:33

Instrument :
BNA_F
ClientSampleId :
OR-02-021518-A

Tgt Ion:	228	Resp:	147047
Ion Ratio	Lower	Upper	
228	100		
226	30.2	25.0	37.6
229	22.4	16.2	24.4

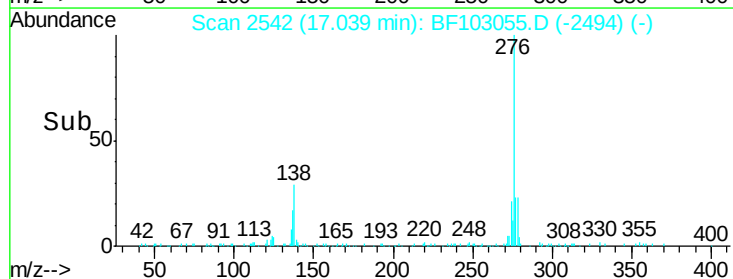
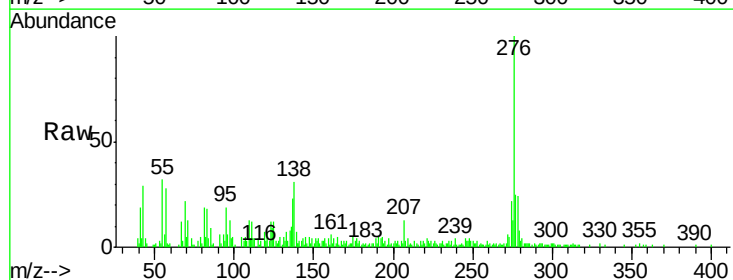
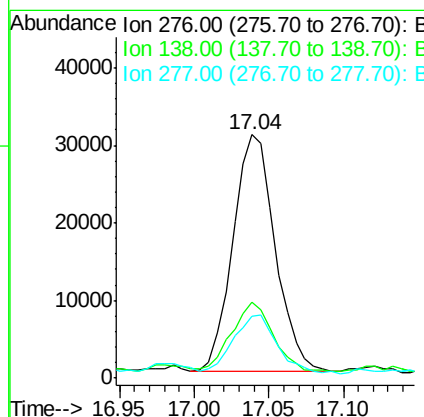
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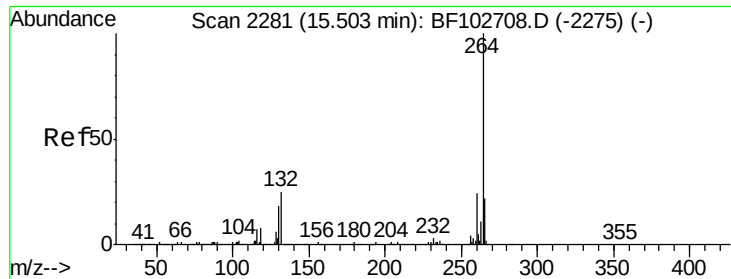
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#85
Indeno(1,2,3-cd)pyrene
Concen: 3.477 ng
RT: 17.04 min Scan# 2542
Delta R.T. -0.02 min
Lab File: BF103055.D
Acq: 16 Feb 2018 16:33

Tgt Ion:	276	Resp:	60268
Ion Ratio	Lower	Upper	
276	100		
138	29.1	25.0	37.6
277	25.4	20.1	30.1





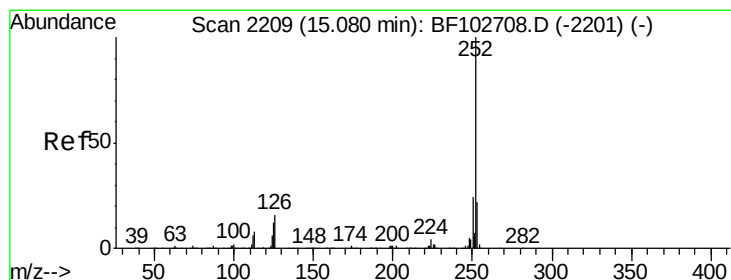
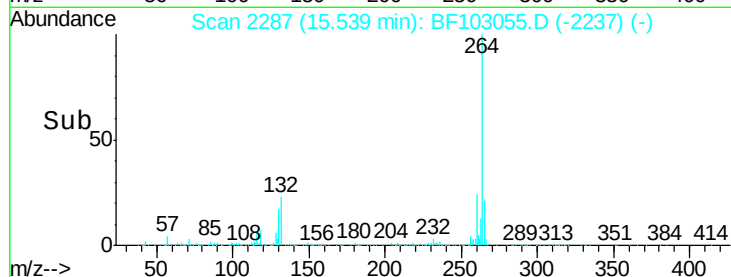
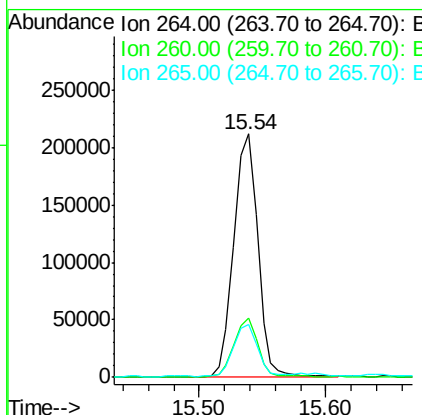
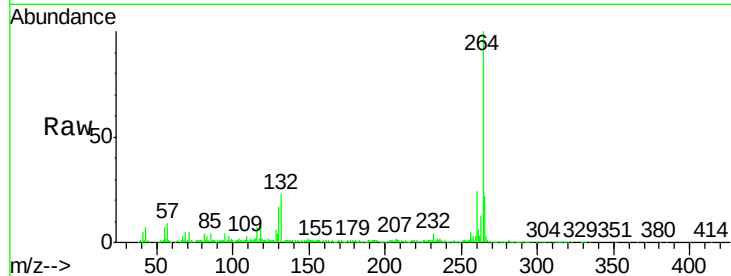
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.54 min Scan# 2287
Delta R.T. -0.01 min
Lab File: BF103055.D
Acq: 16 Feb 2018 16:33

Instrument :
BNA_F
ClientSampleId :
OR-02-021518-A

Tgt Ion	Ratio	Resp	Lower	Upper
264	100	276602		
260	24.4	19.2	28.8	
265	21.7	17.5	26.3	

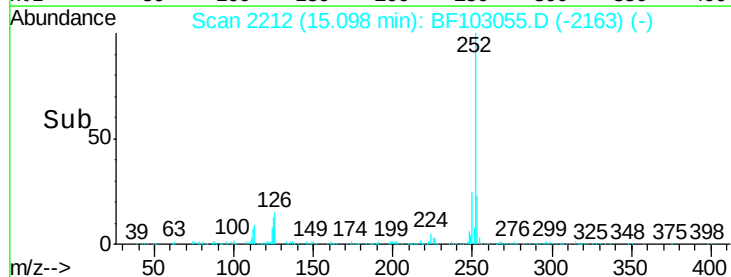
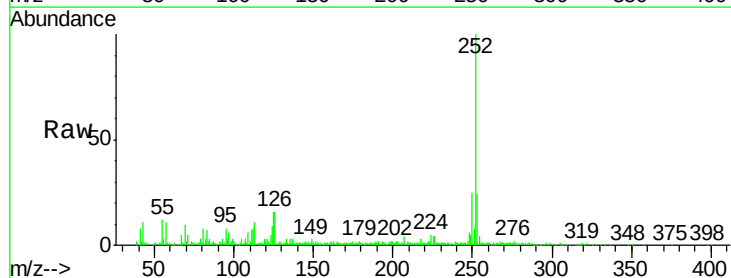
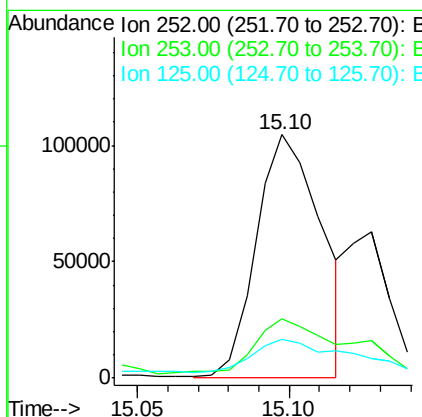
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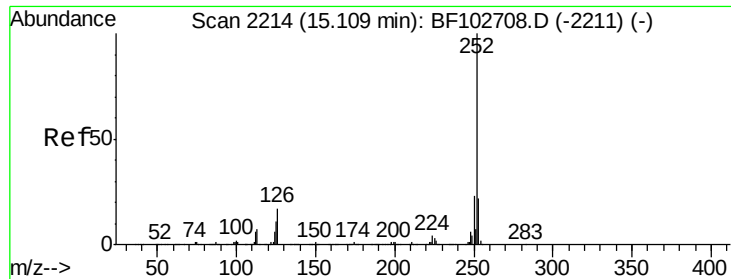
Sohil
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#87
Benzo(b)fluoranthene
Concen: 8.785 ng m
RT: 15.10 min Scan# 2212
Delta R.T. -0.01 min
Lab File: BF103055.D
Acq: 16 Feb 2018 16:33

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	157546		
253	24.2	17.0	25.6	
125	15.7	9.0	13.6	





#88

Benzo(k)fluoranthene

Concen: 3.696 ng m

RT: 15.13 min Scan# 2217

Delta R.T. -0.01 min

Lab File: BF103055.D

Acq: 16 Feb 2018 16:33

Instrument :

BNA_F

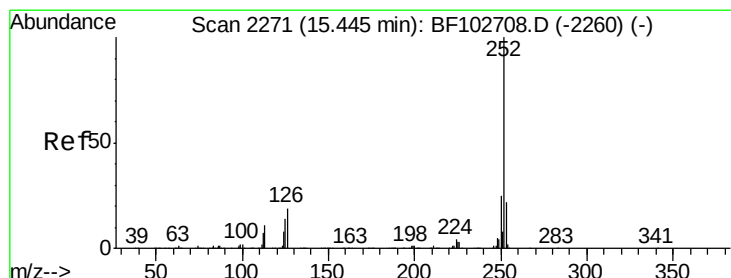
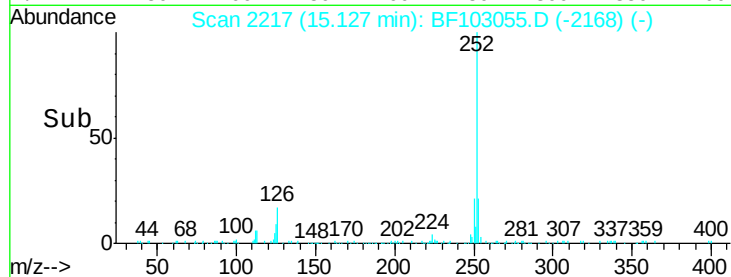
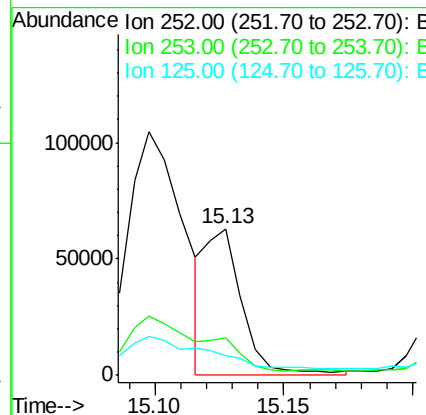
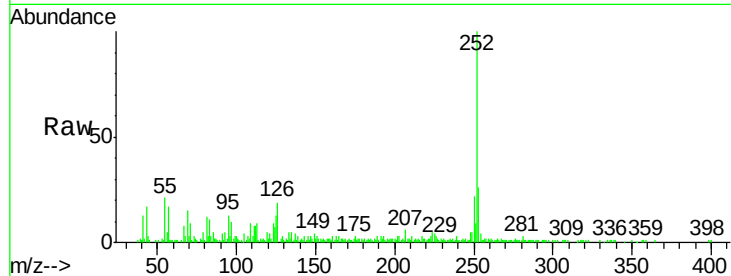
ClientSampleId :

OR-02-021518-A

Tgt Ion:	252	Resp:	63333
Ion Ratio	Lower	Upper	
252	100		
253	25.7	17.9	26.9
125	13.3	10.2	15.2

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#89

Benzo(a)pyrene

Concen: 7.158 ng

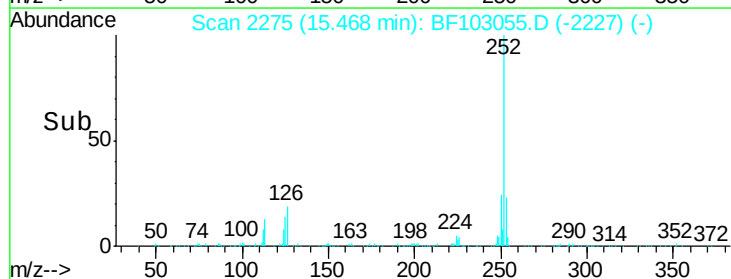
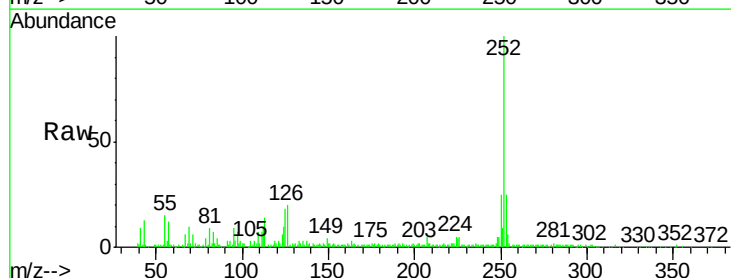
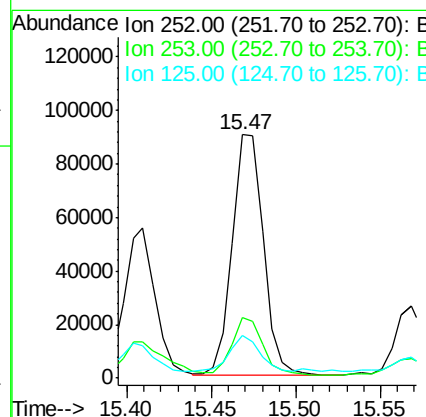
RT: 15.47 min Scan# 2275

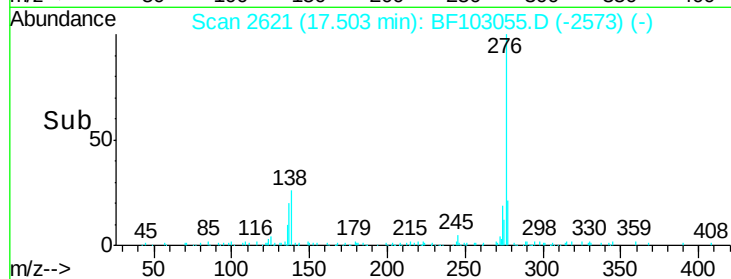
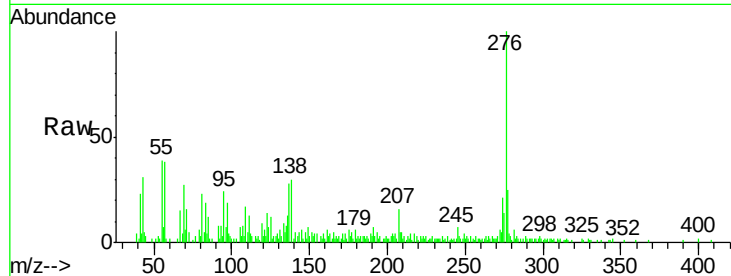
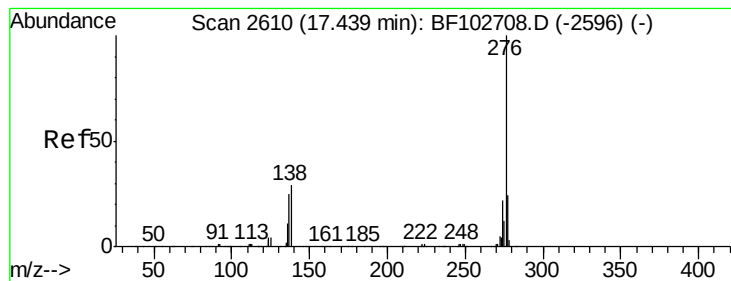
Delta R.T. -0.02 min

Lab File: BF103055.D

Acq: 16 Feb 2018 16:33

Tgt Ion:	252	Resp:	115545
Ion Ratio	Lower	Upper	
252	100		
253	24.7	17.1	25.7
125	17.5	9.8	14.6#





#91

Benzo(g,h,i)perylene

Concen: 4.437 ng

RT: 17.50 min Scan# 2621

Delta R.T. -0.02 min

Lab File: BF103055.D

Acq: 16 Feb 2018 16:33

Instrument :

BNA_F

ClientSampleId :

OR-02-021518-A

Tgt Ion:	276	Resp:	56904
Ion Ratio	Lower	Upper	
276	100		
277	24.9	17.9	26.9
138	30.3	21.8	32.8

Manual Integrations
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