

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_F\DATA\BF021918\
 Data File : BF103081.D
 Acq On : 19 Feb 2018 14:45
 Operator : SJ/JU
 Sample : J1604-04
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-2

Manual Integrations
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Sohil
 2/20/2018 10:20:25 AM

Quant Time: Feb 19 17:30:09 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	158724	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	640688	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	257188	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	369413	20.00	ng	0.00
75) Chrysene-d12	14.04	240	283475	20.00	ng	-0.01
86) Perylene-d12	15.54	264	332836	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	1213021	116.06	ng	0.01
7) Phenol-d6	6.52	99	1409558	112.01	ng	0.00
23) Nitrobenzene-d5	7.45	82	902852	97.76	ng	0.00
41) 2,4,6-Tribromophenol	10.71	330	233654	112.87	ng	0.00
44) 2-Fluorobiphenyl	9.23	172	1276945	82.39	ng	0.00
78) Terphenyl-d14	12.99	244	832275	69.52	ng	0.00
Target Compounds						
10) Phenol	6.52	94	29125	2.160	ng	# 74
49) Dimethylphthalate	9.62	163	69844	3.483	ng	# 98
70) Phenanthrene	11.43	178	102174	4.966	ng	97
74) Fluoranthene	12.62	202	112141	5.418	ng	97
77) Pyrene	12.85	202	87951	3.957	ng	98
80) Benzo(a)anthracene	14.04	228	43732	2.453	ng	99
82) Chrysene	14.07	228	51417	2.861	ng	97
87) Benzo(b)fluoranthene	15.10	252	62474m	2.895	ng	

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

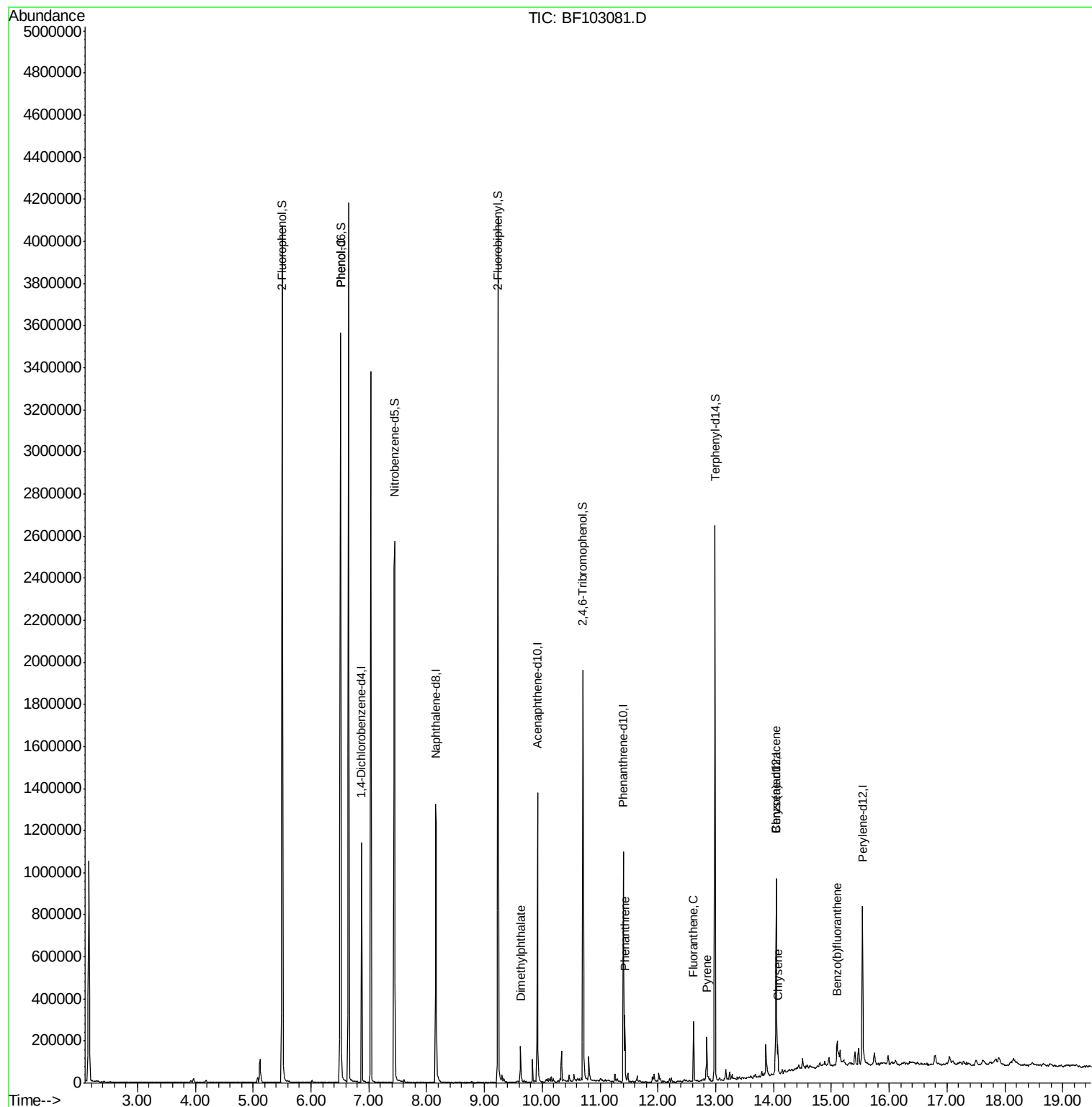
Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_F\DATA\BF021918\
Data File : BF103081.D
Acq On : 19 Feb 2018 14:45
Operator : SJ/JU
Sample : J1604-04
Misc :
ALS Vial : 14 Sample Multiplier: 1

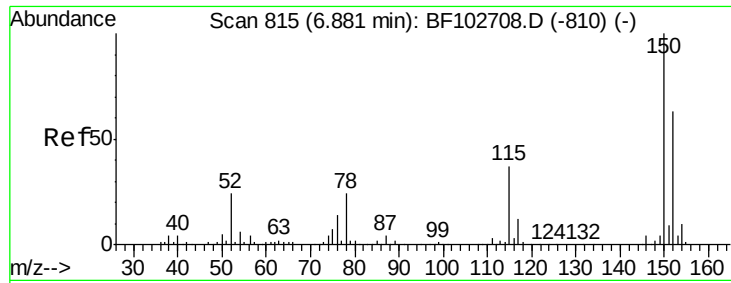
Instrument :
BNA_F
ClientSampleId :
TP-2

Manual Integrations
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Quant Time: Feb 19 17:30:09 2018
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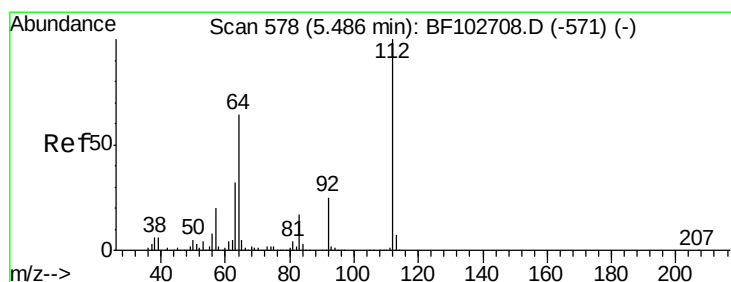
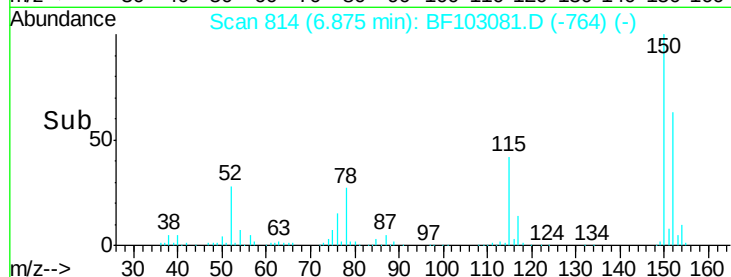
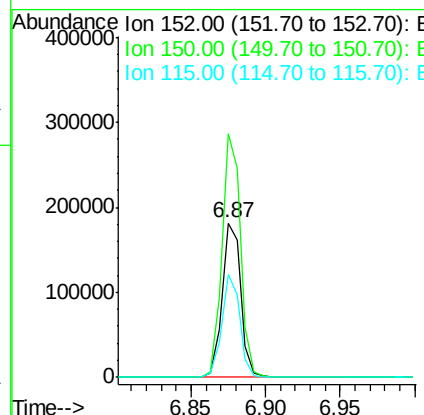
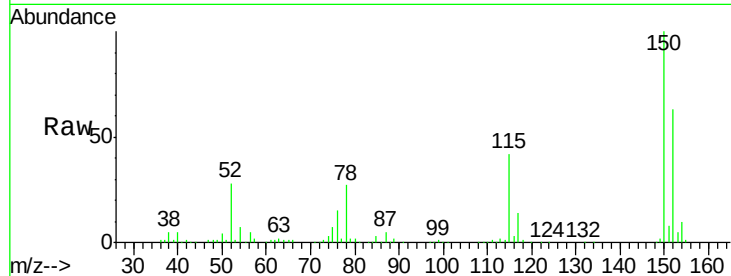
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.87 min Scan# 814
 Delta R.T. -0.01 min
 Lab File: BF103081.D
 Acq: 19 Feb 2018 14:45

Instrument :
 BNA_F
 ClientSampleId :
 TP-2

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	158724		
150	157.8	124.6	186.8	
115	66.2	50.1	75.1	

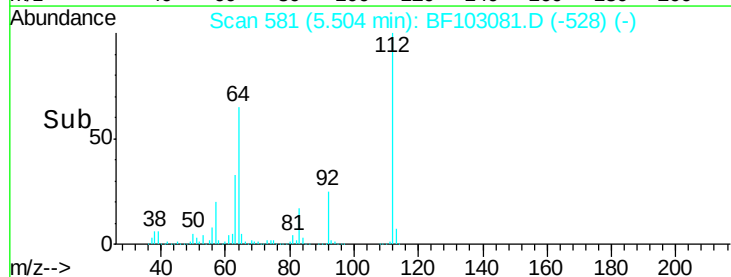
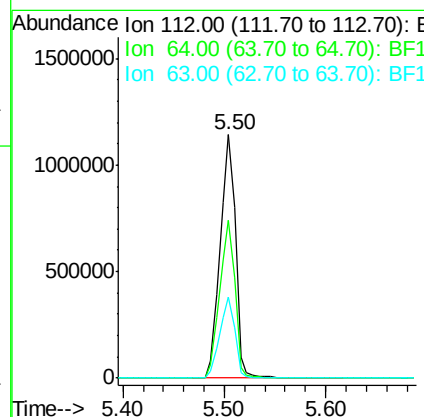
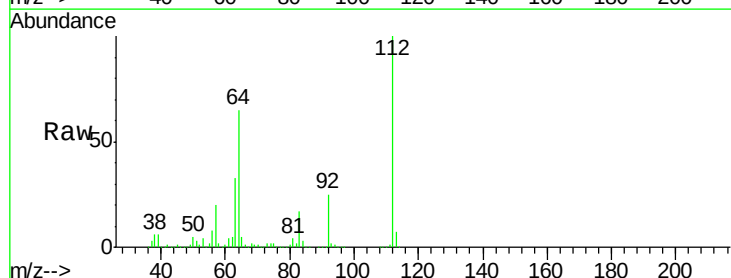
Manual Integrations
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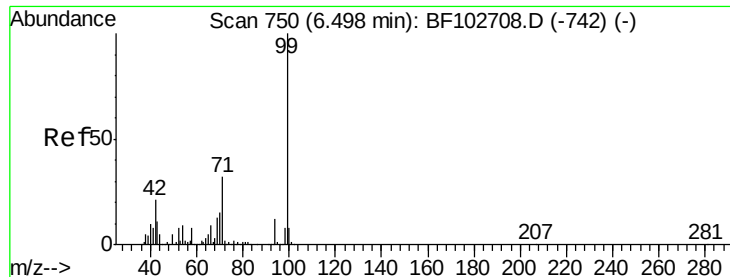
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#5
 2-Fluorophenol
 Concen: 116.062 ng
 RT: 5.50 min Scan# 581
 Delta R.T. 0.01 min
 Lab File: BF103081.D
 Acq: 19 Feb 2018 14:45

Tgt Ion	Ratio	Resp	Lower	Upper
112	100	1213021		
64	65.0	47.9	71.9	
63	33.3	23.7	35.5	





#7

Phenol-d6

Concen: 112.009 ng

RT: 6.52 min Scan# 753

Delta R.T. 0.01 min

Lab File: BF103081.D

Acq: 19 Feb 2018 14:45

Instrument :

BNA_F

ClientSampleId :

TP-2

Tgt Ion: 99 Resp: 1409558

Ion Ratio Lower Upper

99 100

42 18.6 14.5 21.7

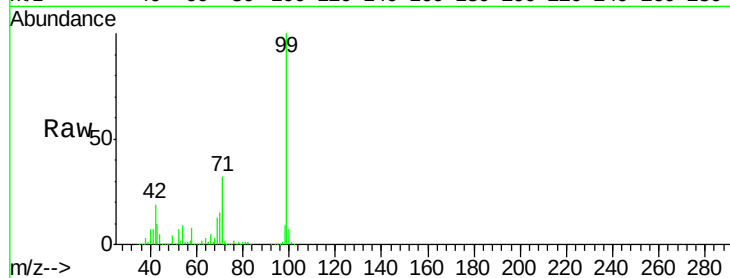
71 32.4 25.4 38.0

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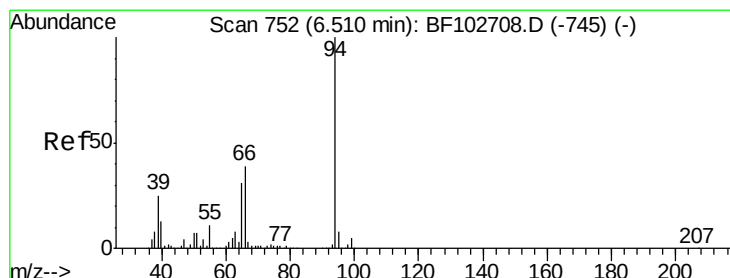
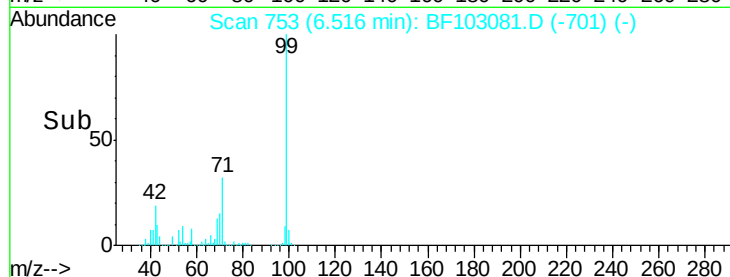
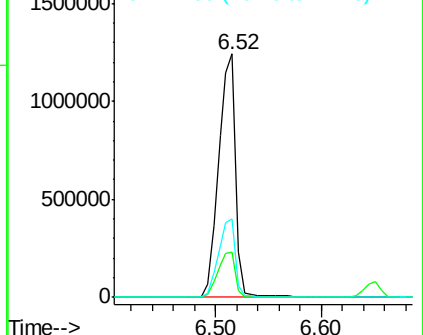
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Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#10

Phenol

Concen: 2.160 ng

RT: 6.52 min Scan# 754

Delta R.T. -0.01 min

Lab File: BF103081.D

Acq: 19 Feb 2018 14:45

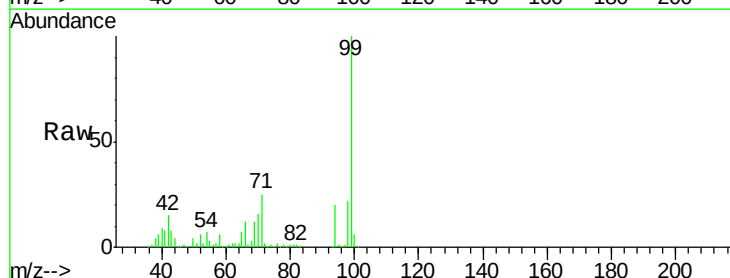
Tgt Ion: 94 Resp: 29125

Ion Ratio Lower Upper

94 100

65 35.3 7.9 47.9

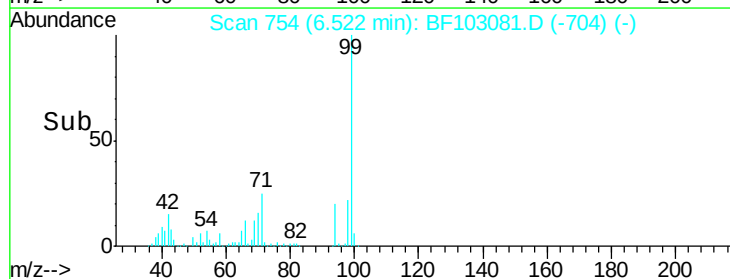
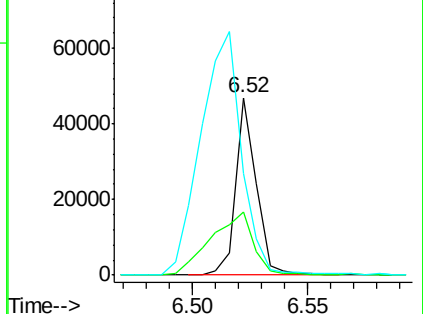
66 57.3 16.2 56.2#

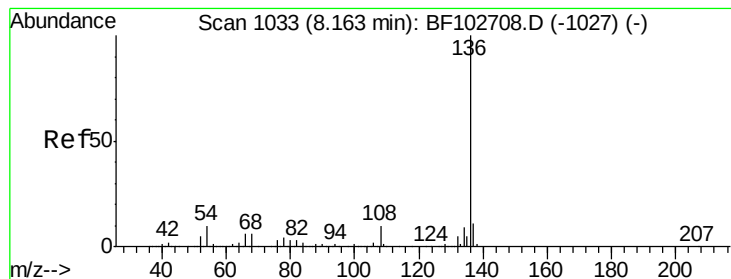


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.16 min Scan# 1032

Delta R.T. -0.01 min

Lab File: BF103081.D

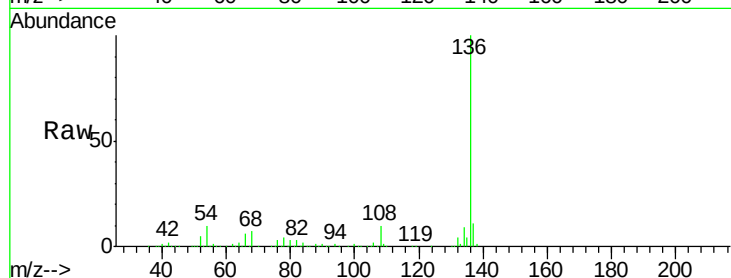
Acq: 19 Feb 2018 14:45

Instrument :

BNA_F

ClientSampled :

TP-2



Tgt Ion: 136 Resp: 640688

Ion Ratio Lower Upper

136 100

137 11.1 8.9 13.3

54 10.2 6.6 9.8#

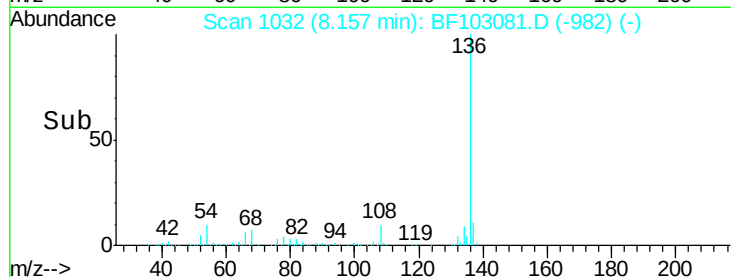
68 7.0 5.0 7.4

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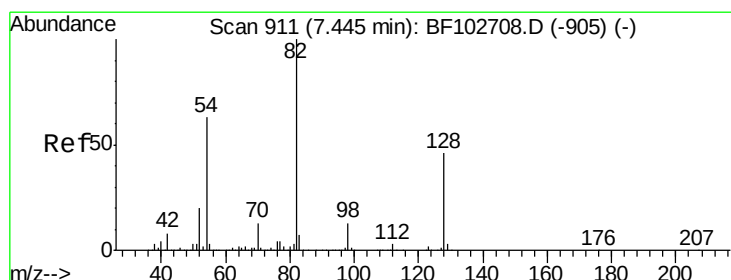
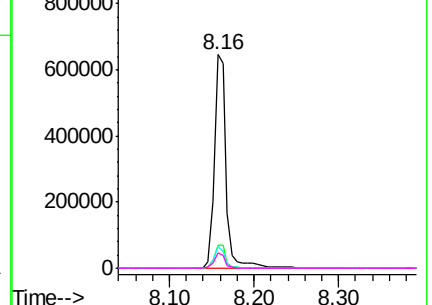


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#23

Nitrobenzene-d5

Concen: 97.756 ng

RT: 7.45 min Scan# 911

Delta R.T. -0.00 min

Lab File: BF103081.D

Acq: 19 Feb 2018 14:45

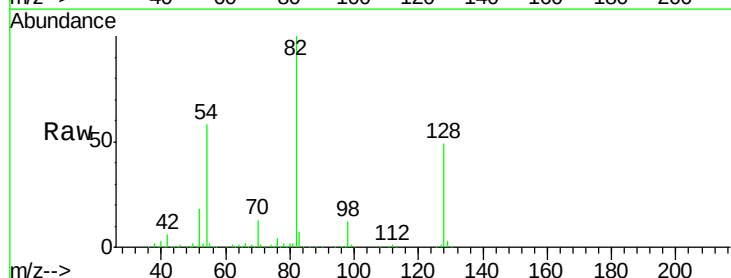
Tgt Ion: 82 Resp: 902852

Ion Ratio Lower Upper

82 100

128 48.5 36.1 54.1

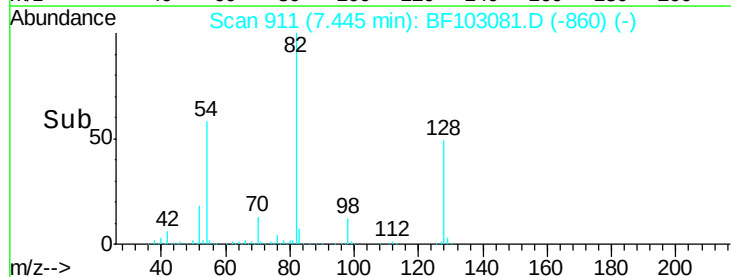
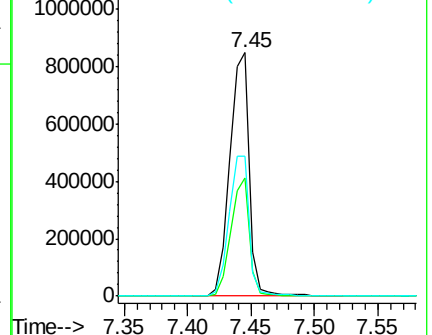
54 57.6 41.4 62.2

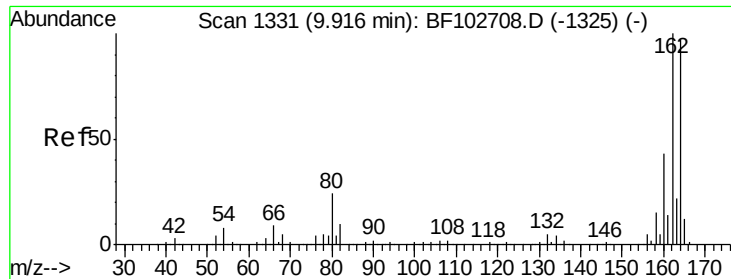


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





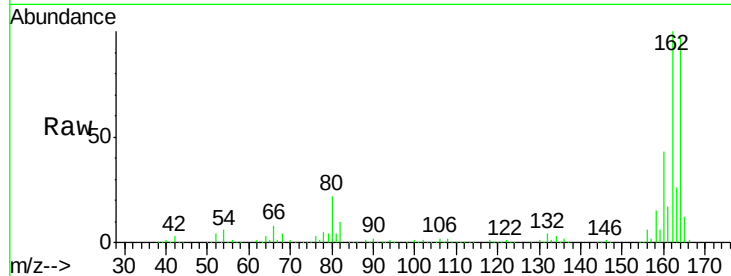
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.92 min Scan# 1331
 Delta R.T. -0.01 min
 Lab File: BF103081.D
 Acq: 19 Feb 2018 14:45

Instrument :
 BNA_F
 ClientSampled :
 TP-2

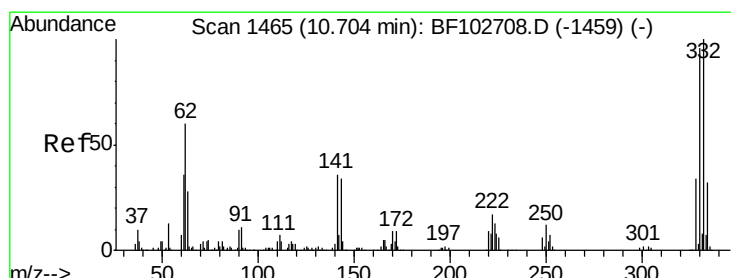
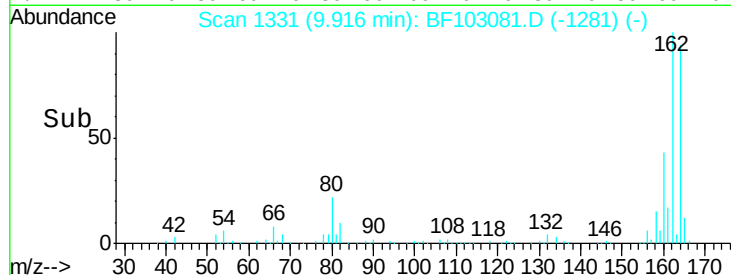
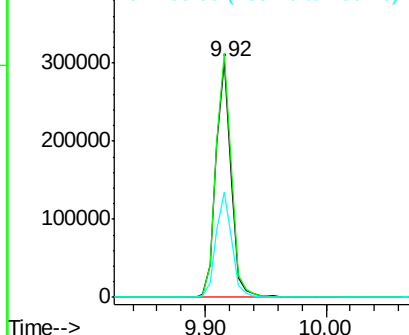
Tgt Ion	Ratio	Resp	Lower	Upper
164	100	257188		
162	103.4	86.1	129.1	
160	44.6	38.3	57.5	

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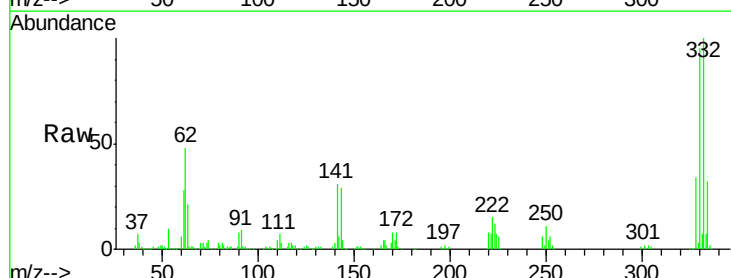


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

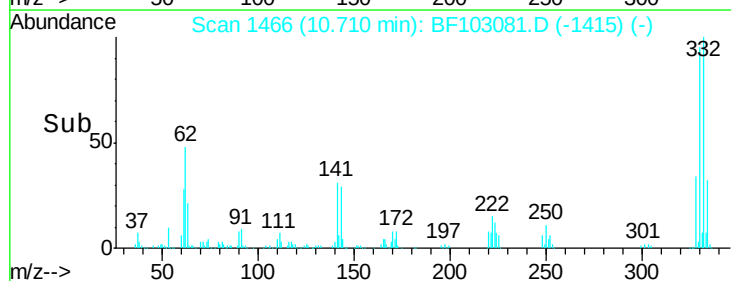
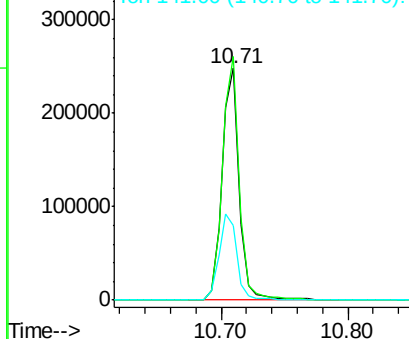


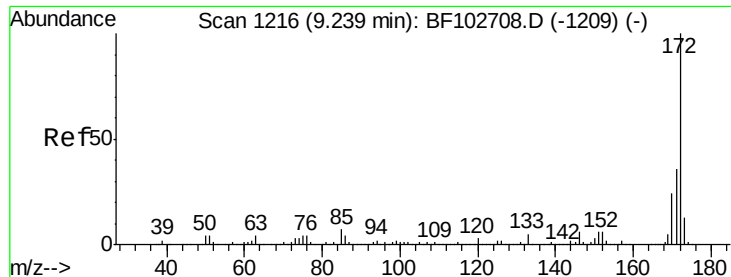
#41
 2,4,6-Tribromophenol
 Concen: 112.873 ng
 RT: 10.71 min Scan# 1466
 Delta R.T. -0.00 min
 Lab File: BF103081.D
 Acq: 19 Feb 2018 14:45

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	233654		
332	103.9	77.0	115.6	
141	39.8	29.9	44.9	



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





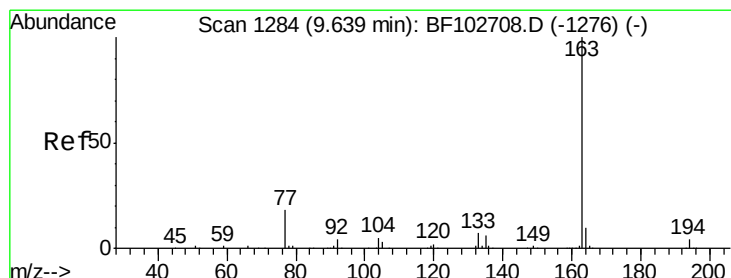
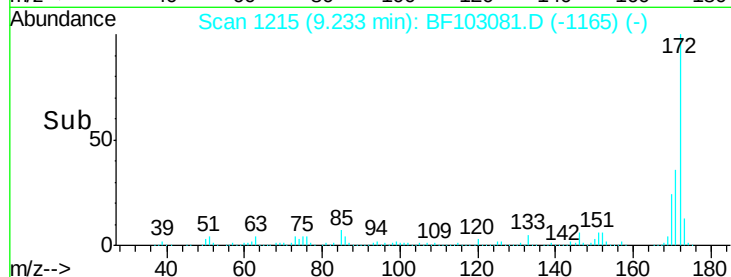
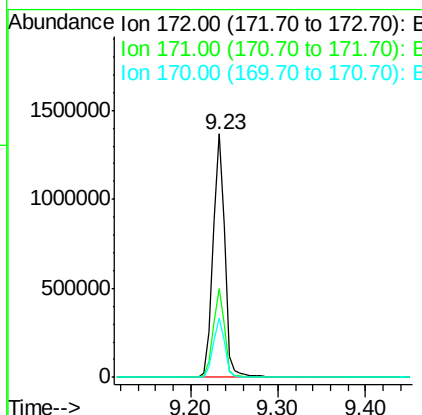
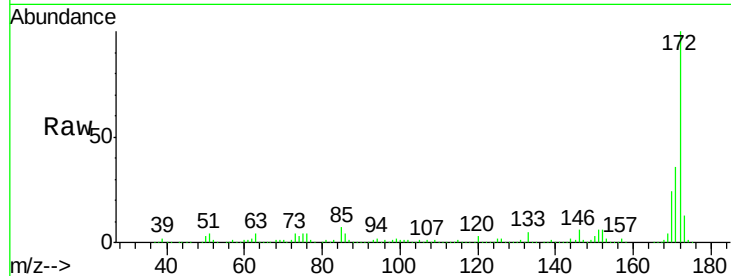
#44
2-Fluorobiphenyl
Concen: 82.387 ng
RT: 9.23 min Scan# 1215
Delta R.T. -0.01 min
Lab File: BF103081.D
Acq: 19 Feb 2018 14:45

Instrument :
BNA_F
ClientSampleId :
TP-2

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.7	44.5
170	24.4	19.6	29.4

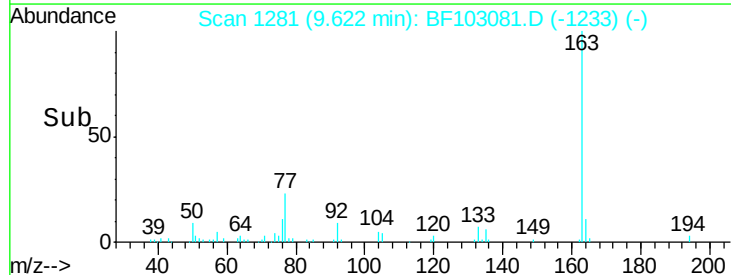
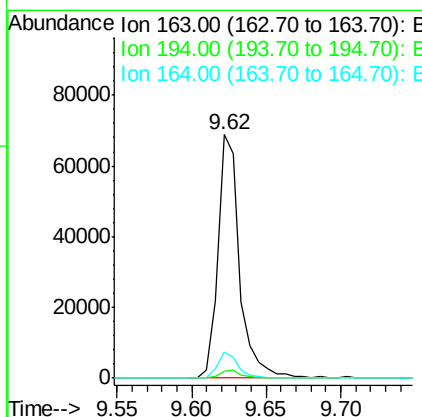
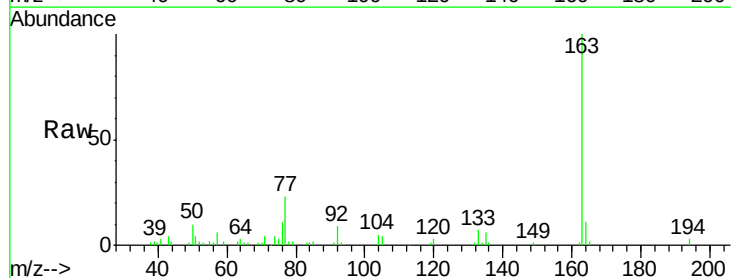
Manual Integrations
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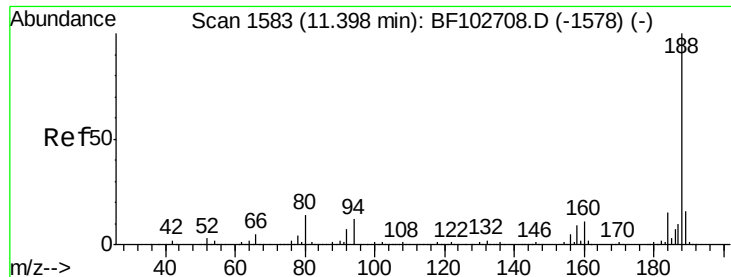
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#49
Dimethylphthalate
Concen: 3.483 ng
RT: 9.62 min Scan# 1281
Delta R.T. -0.02 min
Lab File: BF103081.D
Acq: 19 Feb 2018 14:45

Tgt Ion	Ratio	Lower	Upper
163	100		
194	2.6	2.7	4.1#
164	10.9	8.2	12.2





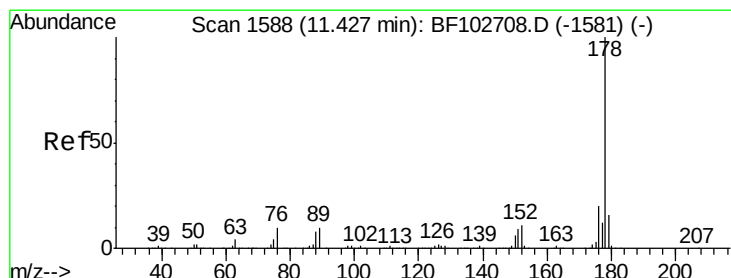
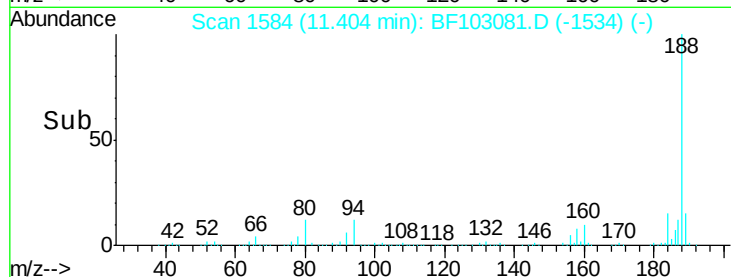
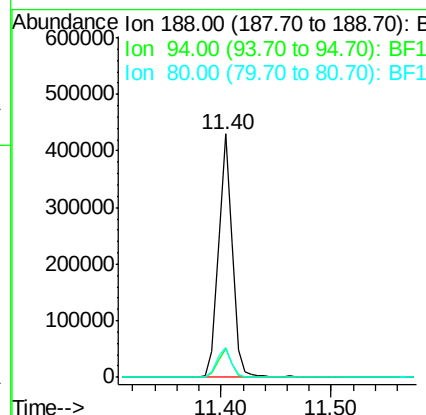
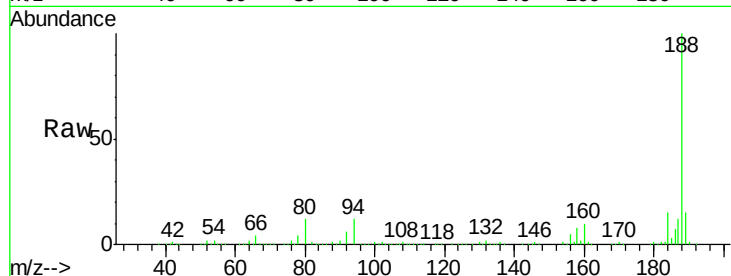
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1584
Delta R.T. -0.01 min
Lab File: BF103081.D
Acq: 19 Feb 2018 14:45

Instrument :
BNA_F
ClientSampled :
TP-2

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	369413		
94	11.6	8.5	12.7	
80	12.5	9.2	13.8	

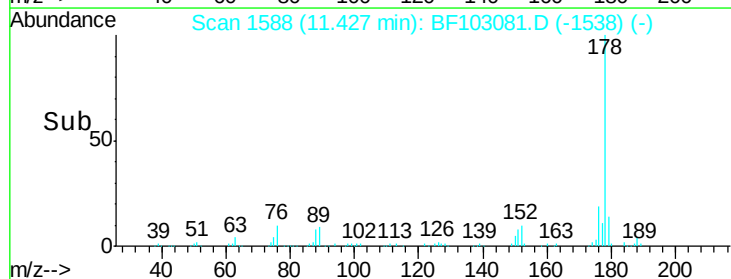
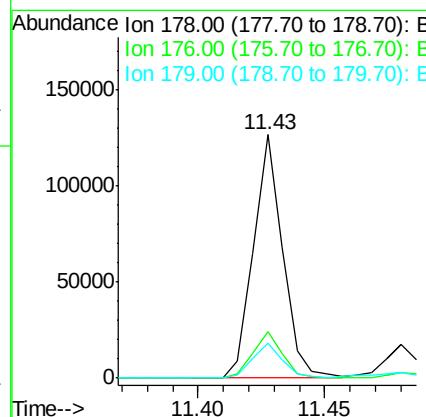
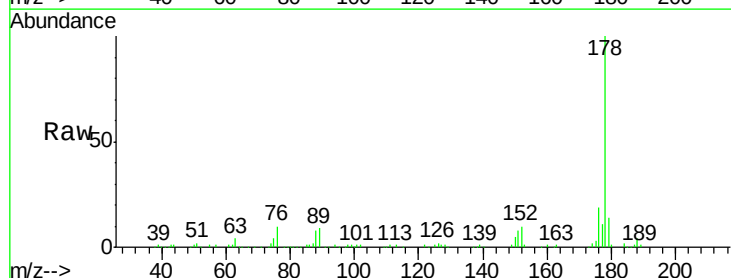
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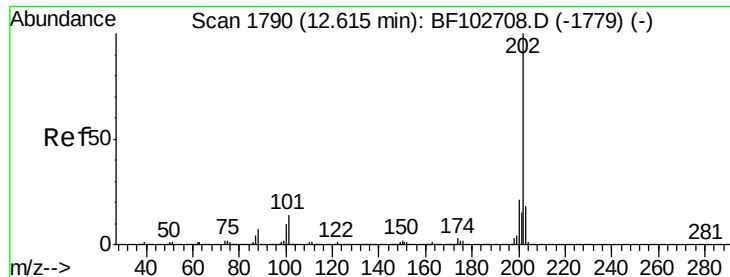
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#70
Phenanthrene
Concen: 4.966 ng
RT: 11.43 min Scan# 1588
Delta R.T. -0.01 min
Lab File: BF103081.D
Acq: 19 Feb 2018 14:45

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	102174		
176	19.3	15.8	23.8	
179	14.3	13.0	19.6	





#74

Fluoranthene

Concen: 5.418 ng

RT: 12.62 min Scan# 1790

Delta R.T. -0.01 min

Lab File: BF103081.D

Acq: 19 Feb 2018 14:45

Instrument :

BNA_F

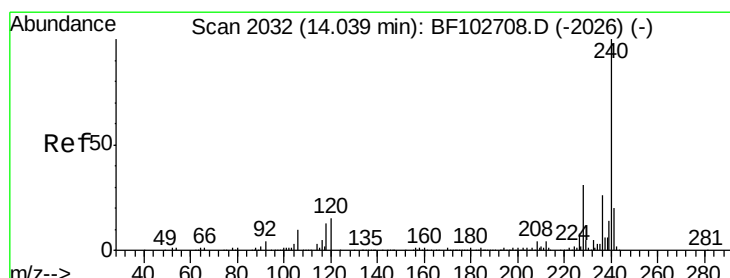
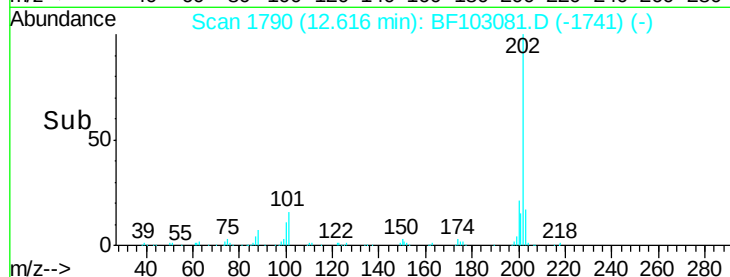
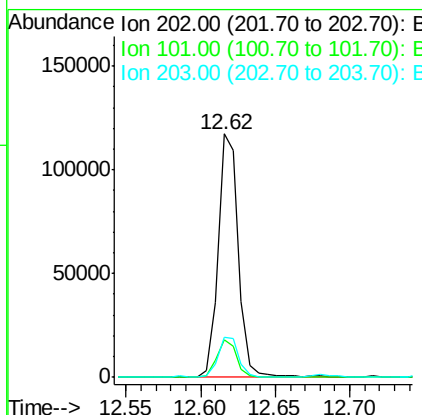
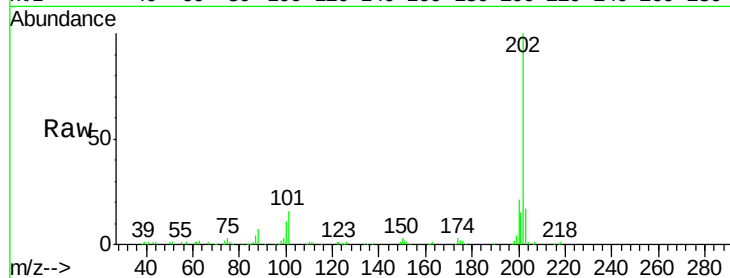
ClientSampleId :

TP-2

Tgt	Ion	Ratio	Resp	Lower	Upper
202	100		112141		
101	15.5	0.0	34.1		
203	16.6	0.0	38.1		

Manual Integrations
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#75

Chrysene-d12

Concen: 20.000 ng

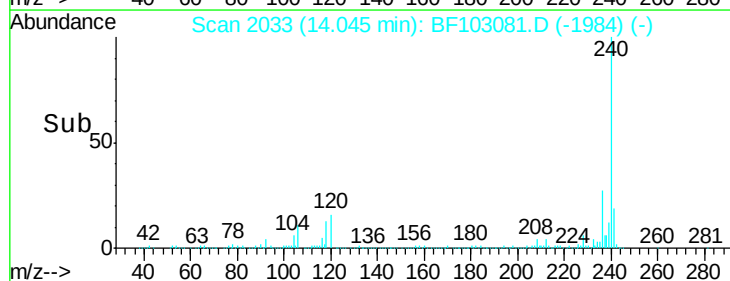
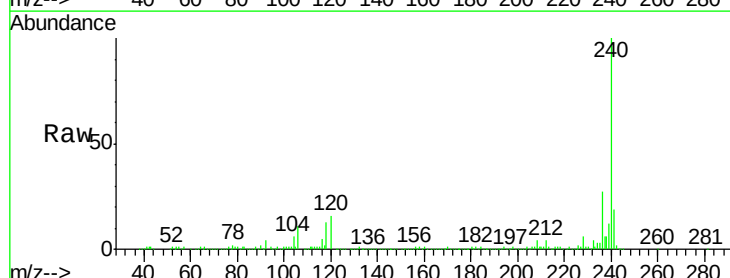
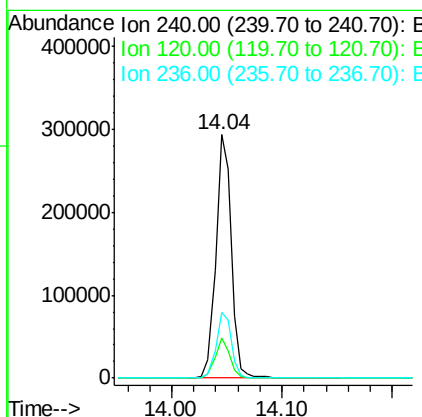
RT: 14.04 min Scan# 2033

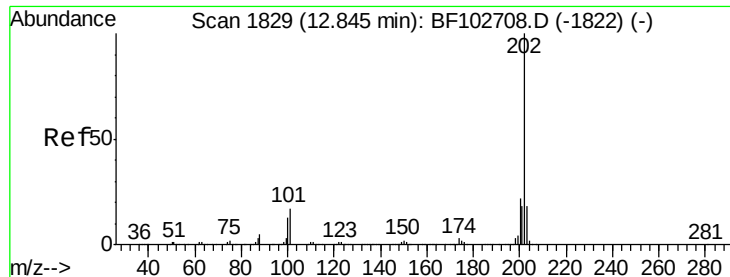
Delta R.T. -0.01 min

Lab File: BF103081.D

Acq: 19 Feb 2018 14:45

Tgt	Ion	Ratio	Resp	Lower	Upper
240	100		283475		
120	16.3	9.5	14.3#		
236	27.0	20.7	31.1		





#77

Pyrene

Concen: 3.957 ng

RT: 12.85 min Scan# 1830

Delta R.T. -0.01 min

Lab File: BF103081.D

Acq: 19 Feb 2018 14:45

Instrument :

BNA_F

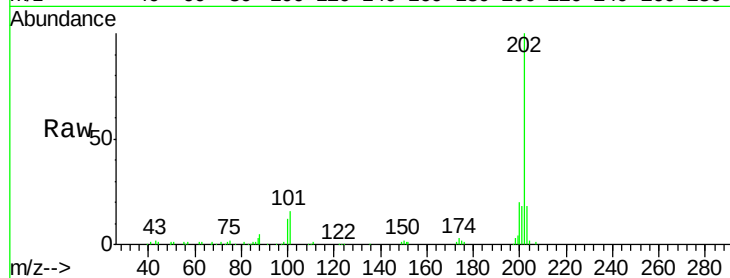
ClientSampled :

TP-2

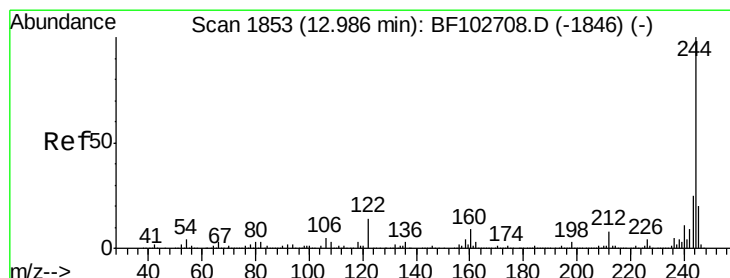
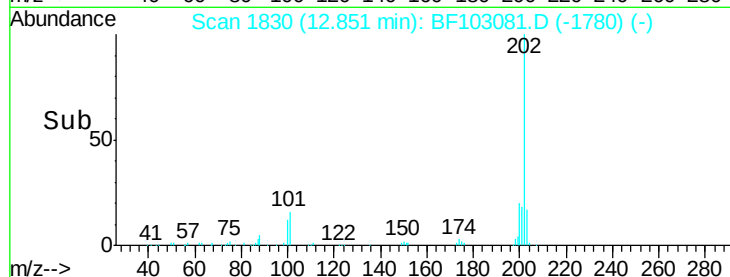
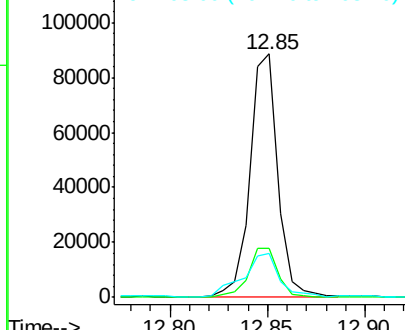
Tgt Ion:	202	Resp:	87951
Ion Ratio		Lower	Upper
202	100		
200	20.3	17.4	26.2
203	17.8	14.3	21.5

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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



#78

Terphenyl-d14

Concen: 69.517 ng

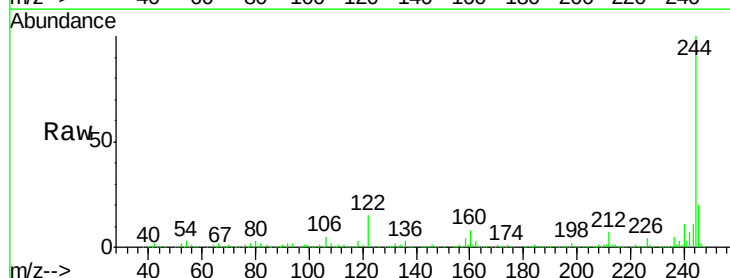
RT: 12.99 min Scan# 1853

Delta R.T. -0.01 min

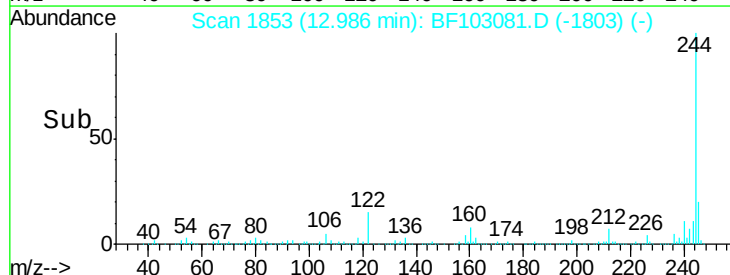
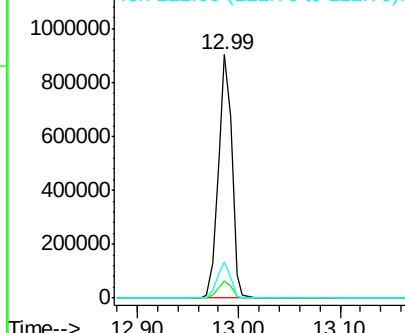
Lab File: BF103081.D

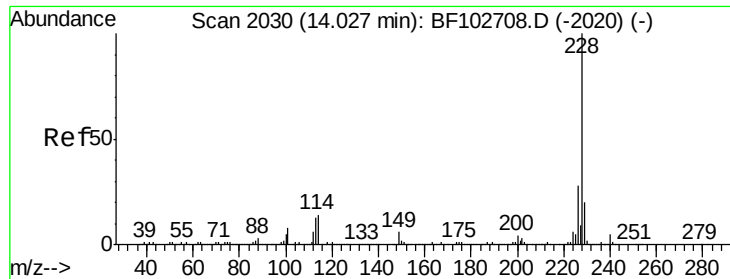
Acq: 19 Feb 2018 14:45

Tgt Ion:	244	Resp:	832275
Ion Ratio		Lower	Upper
244	100		
212	7.1	5.4	8.0
122	14.8	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





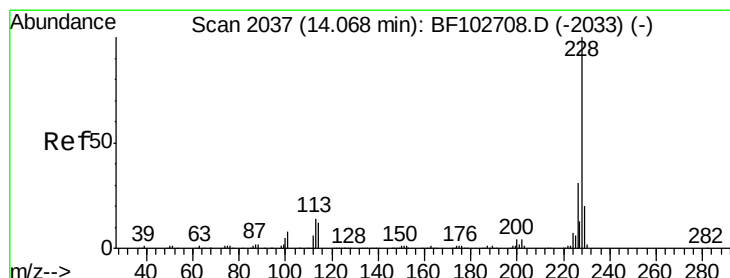
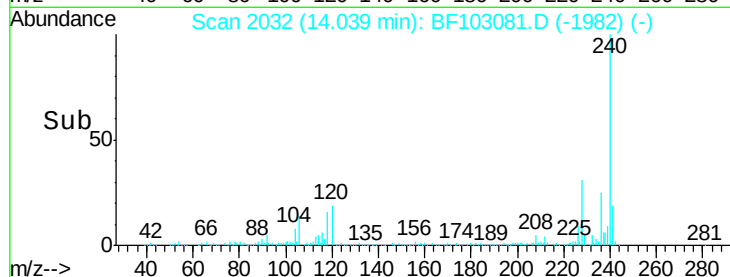
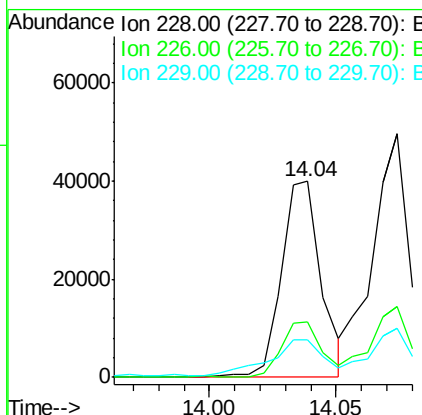
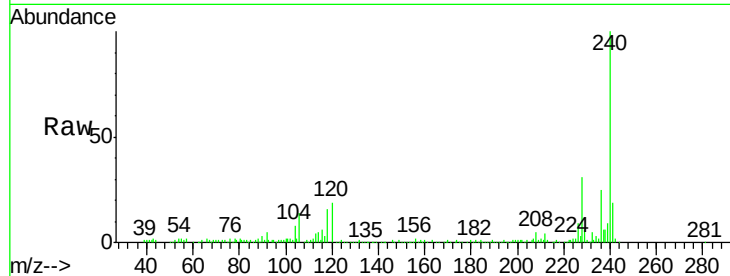
#80
Benzo(a)anthracene
Concen: 2.453 ng
RT: 14.04 min Scan# 2032
Delta R.T. -0.01 min
Lab File: BF103081.D
Acq: 19 Feb 2018 14:45

Instrument :
BNA_F
ClientSampled :
TP-2

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.5	22.6	33.8
229	19.1	15.8	23.6

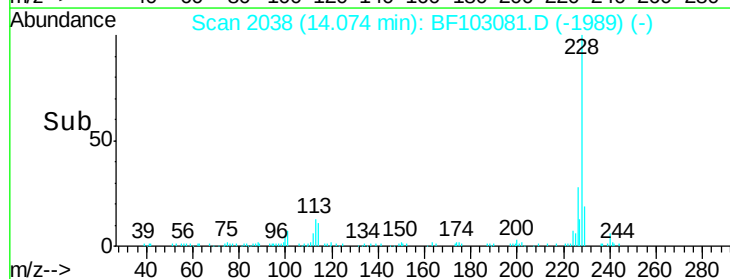
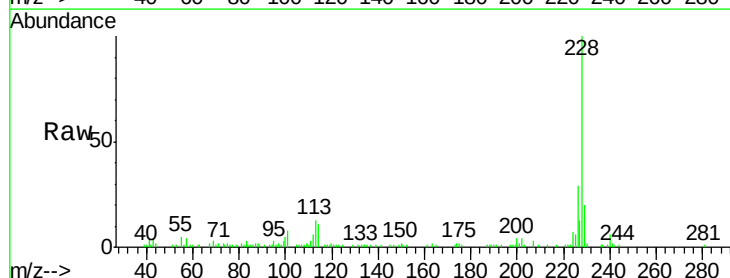
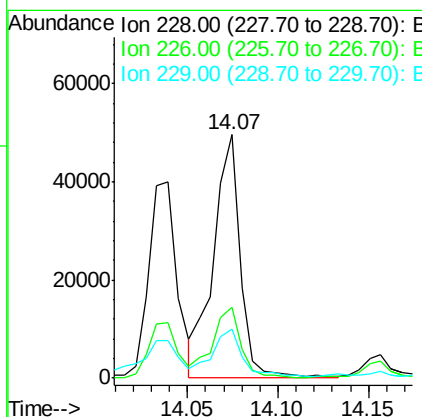
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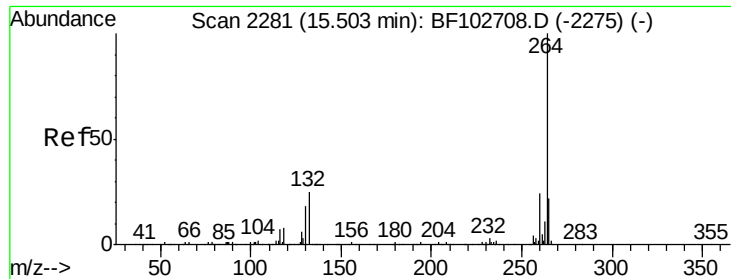
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#82
Chrysene
Concen: 2.861 ng
RT: 14.07 min Scan# 2038
Delta R.T. -0.01 min
Lab File: BF103081.D
Acq: 19 Feb 2018 14:45

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.9	25.0	37.6
229	20.1	16.2	24.4





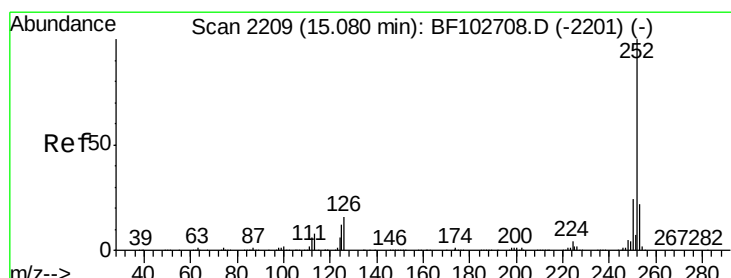
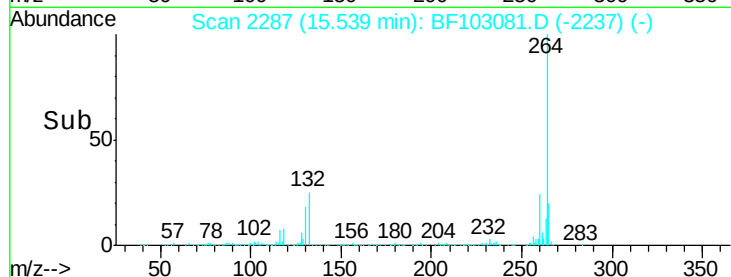
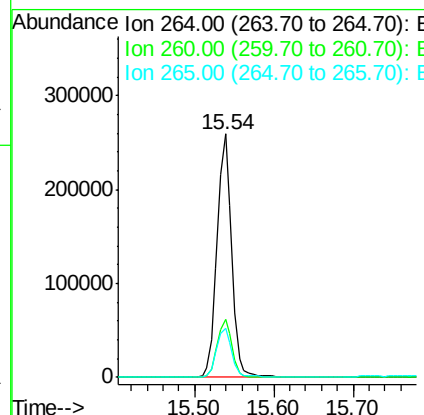
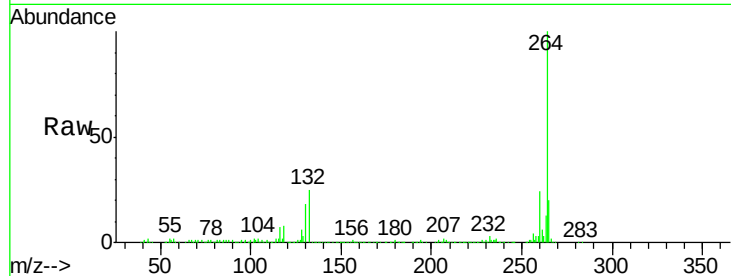
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.54 min Scan# 2287
Delta R.T. -0.01 min
Lab File: BF103081.D
Acq: 19 Feb 2018 14:45

Instrument :
BNA_F
ClientSampleId :
TP-2

Tgt Ion	Ratio	Resp	Lower	Upper
264	100	332836		
260	24.0	19.2	28.8	
265	20.4	17.5	26.3	

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#87
Benzo(b)fluoranthene
Concen: 2.895 ng m
RT: 15.10 min Scan# 2212
Delta R.T. -0.01 min
Lab File: BF103081.D
Acq: 19 Feb 2018 14:45

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	62474		
253	22.8	17.0	25.6	
125	15.7	9.0	13.6	

