

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF030118\
 Data File : BF103336.D
 Acq On : 1 Mar 2018 15:02
 Operator : SJ/JU
 Sample : J1721-09
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP-47

Manual Integrations
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Sohil
 3/2/2018 3:30:36 PM

Quant Time: Mar 02 09:43:56 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Feb 27 17:05:20 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	143737	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	561607	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	208406	20.00	ng	0.00
63) Phenanthrene-d10	11.41	188	301090	20.00	ng	0.00
75) Chrysene-d12	14.08	240	222205	20.00	ng	0.02
86) Perylene-d12	15.60	264	159673	20.00	ng	0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	976285	102.73	ng	0.01
7) Phenol-d6	6.52	99	1154585	99.28	ng	0.00
23) Nitrobenzene-d5	7.44	82	750932	76.36	ng	0.00
41) 2,4,6-Tribromophenol	10.71	330	139034	78.82	ng	0.00
44) 2-Fluorobiphenyl	9.23	172	974215	79.22	ng	0.00
78) Terphenyl-d14	13.00	244	631892	68.36	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.63	163	87339	5.224	ng	99
70) Phenanthrene	11.43	178	155528	9.386	ng	98
71) Anthracene	11.49	178	53571	3.153	ng	98
74) Fluoranthene	12.63	202	275947	16.572	ng	99
77) Pyrene	12.86	202	274603	15.851	ng	99
80) Benzo(a)anthracene	14.07	228	126106	8.747	ng	96
82) Chrysene	14.11	228	116434	8.317	ng	98
85) Indeno(1,2,3-cd)pyrene	17.13	276	40714	3.674	ng	98
87) Benzo(b)fluoranthene	15.16	252	118351m	11.273	ng	
88) Benzo(k)fluoranthene	15.18	252	31736m	3.210	ng	
89) Benzo(a)pyrene	15.53	252	76554	8.166	ng	# 85
91) Benzo(a,h,i)perylene	17.60	276	41285	5.831	ng	# 82

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

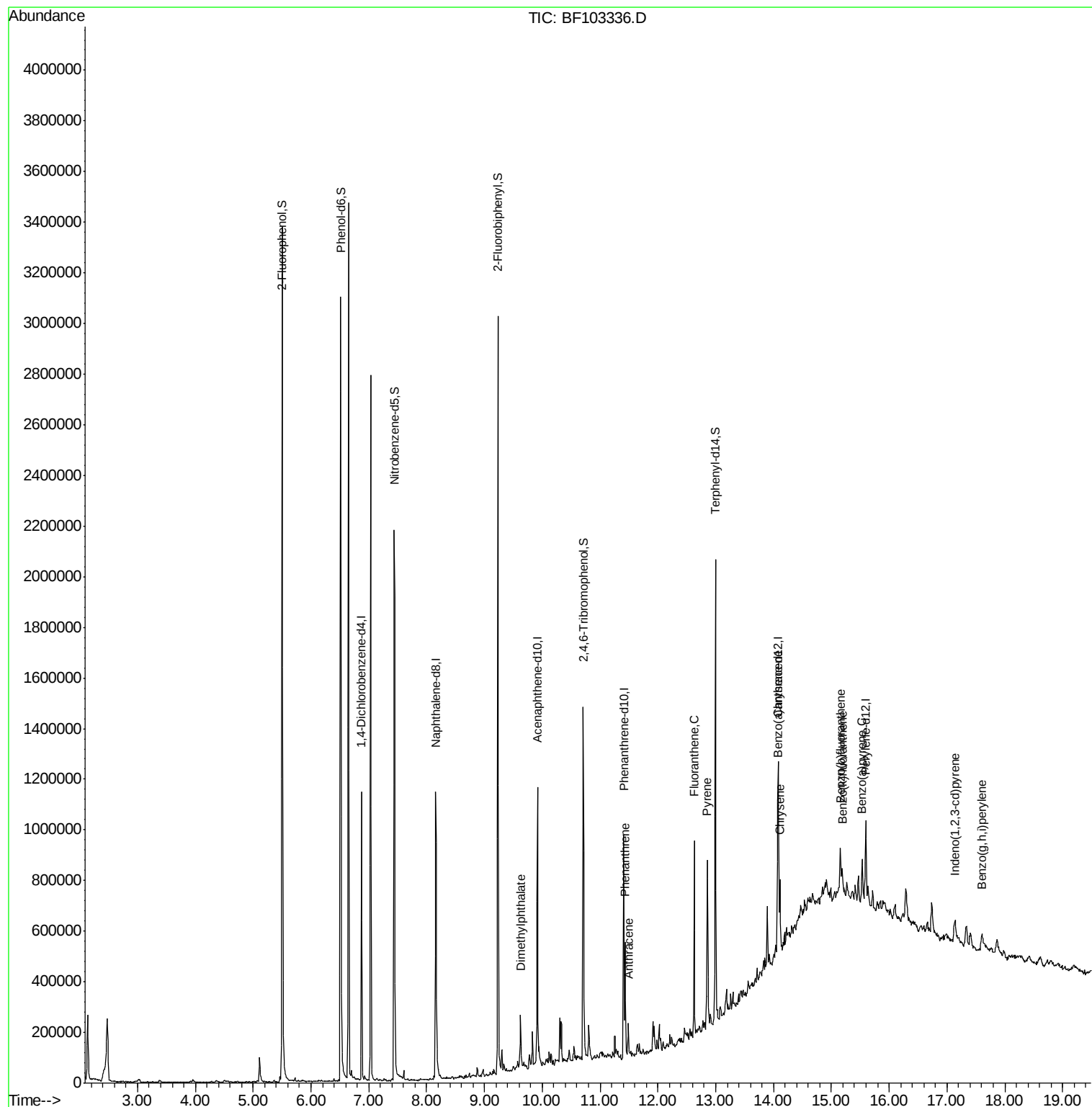
Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF030118\
Data File : BF103336.D
Acq On : 1 Mar 2018 15:02
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#1

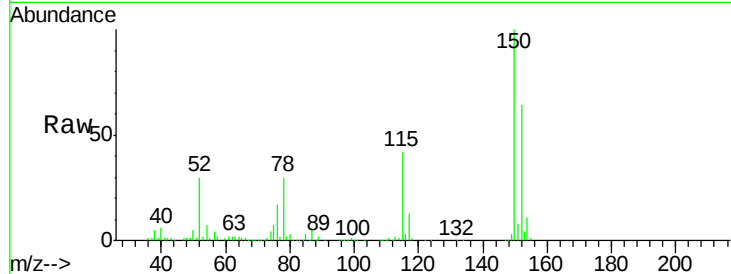
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 814
Delta R.T. -0.00 min
Lab File: BF103336.D
Acq: 1 Mar 2018 15:02

Instrument :
BNA_F
ClientSampled :
SP-47

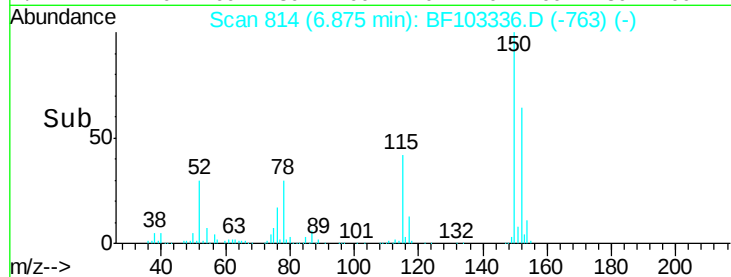
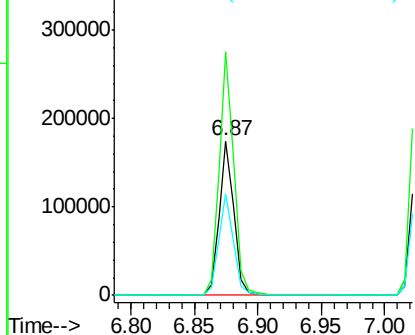
Tot Ion	Ratio	Lower	Upper
152	100		
150	157.5	124.6	186.8
115	66.0	50.1	75.1

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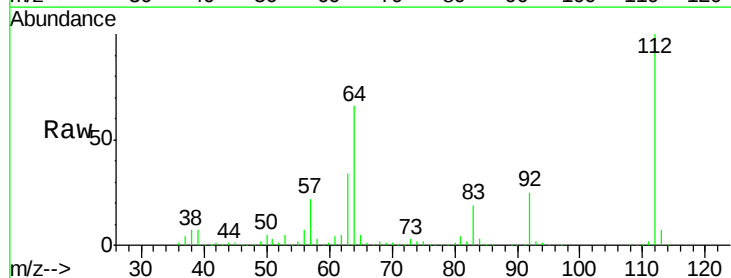
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



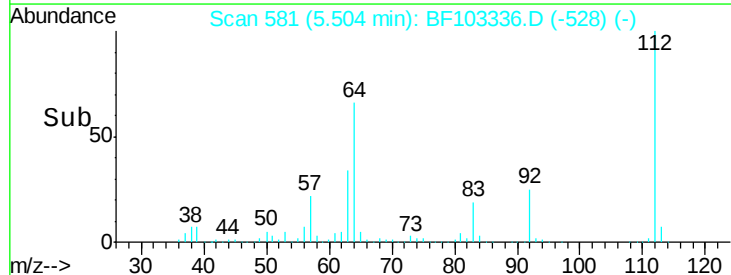
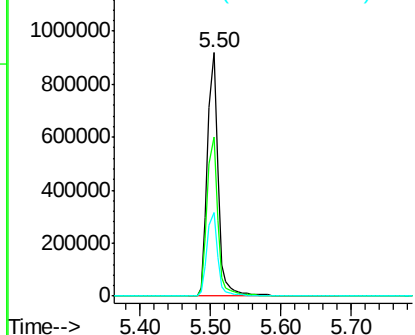
#5

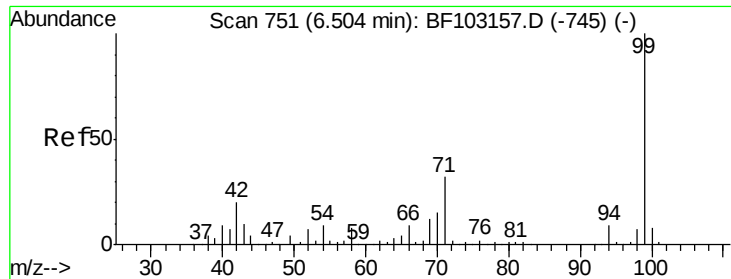
2-Fluorophenol
Concen: 102.727 ng
RT: 5.50 min Scan# 581
Delta R.T. 0.01 min
Lab File: BF103336.D
Acq: 1 Mar 2018 15:02

Tgt Ion	Ratio	Lower	Upper
112	100		
64	65.6	47.9	71.9
63	34.5	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: 99.283 ng

RT: 6.52 min Scan# 753

Delta R.T. 0.01 min

Lab File: BF103336.D

Acq: 1 Mar 2018 15:02

Instrument :

BNA_F

ClientSampled :

SP-47

Tot Ion: 99 Resp: 1154585

Ion Ratio Lower Upper

99 100

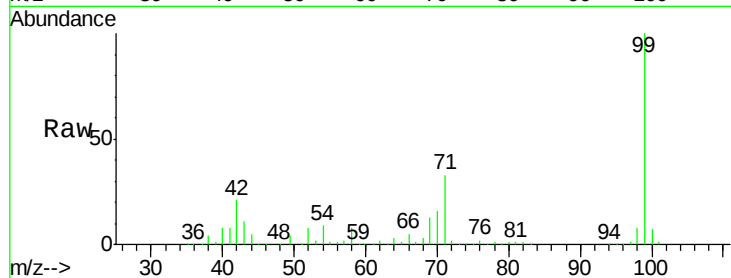
42 21.3 14.5 21.7

71 33.1 25.4 38.0

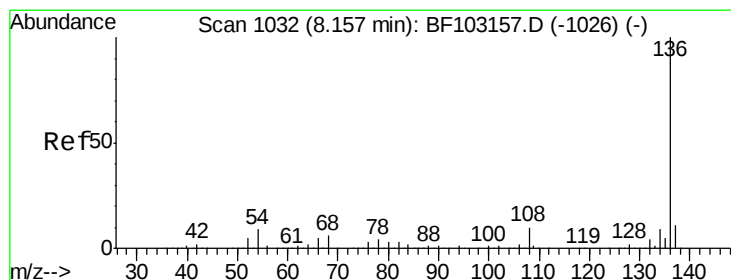
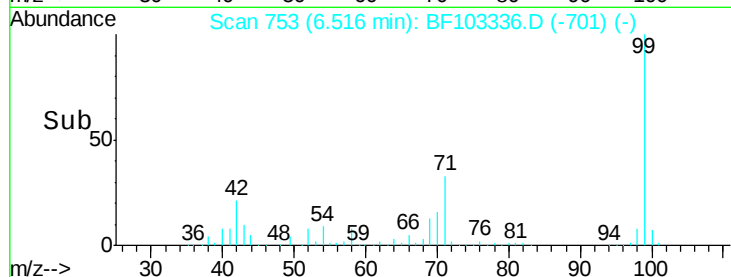
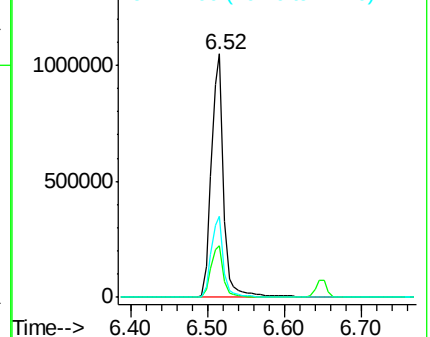
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Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.16 min Scan# 1032

Delta R.T. -0.00 min

Lab File: BF103336.D

Acq: 1 Mar 2018 15:02

Tgt Ion: 136 Resp: 561607

Ion Ratio Lower Upper

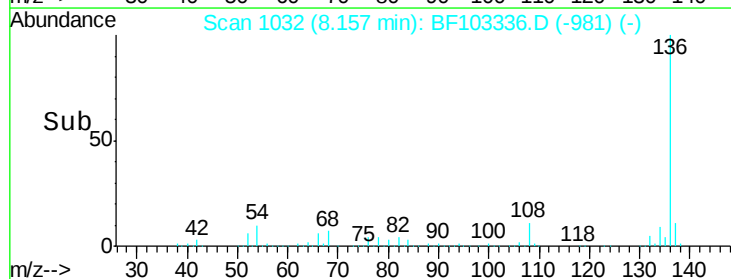
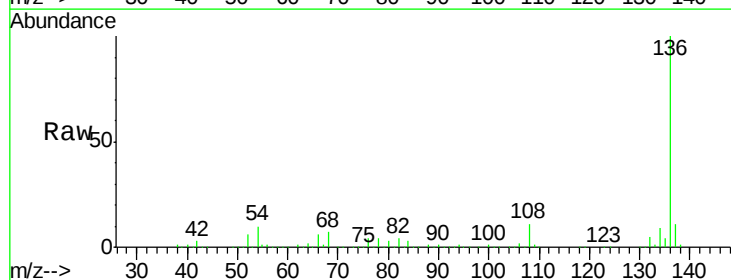
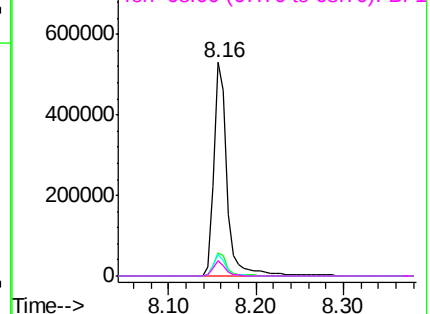
136 100

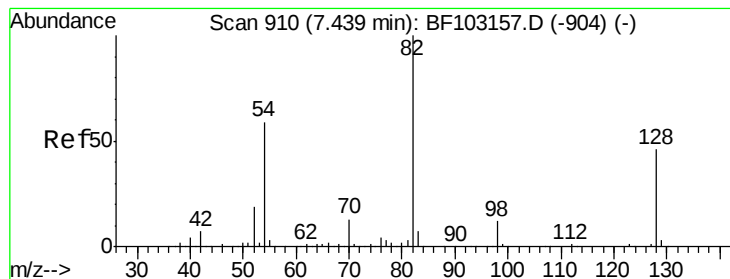
137 11.1 8.9 13.3

54 10.5 6.6 9.8#

68 7.1 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: 76.360 ng

RT: 7.44 min Scan# 910

Delta R.T. -0.01 min

Lab File: BF103336.D

Acq: 1 Mar 2018 15:02

Instrument :

BNA_F

ClientSampleId :

SP-47

Tot Ion: 82 Resp: 750932

Ion Ratio Lower Upper

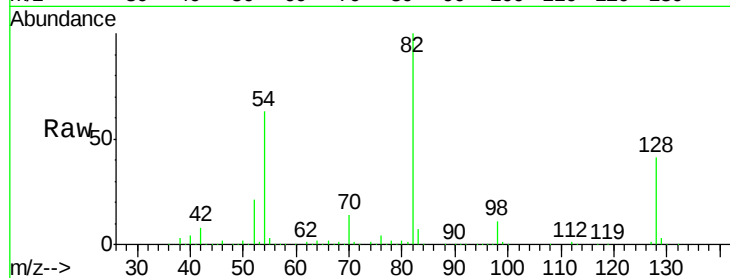
82 100

128 41.1 36.1 54.1

54 62.9 41.4 62.2#

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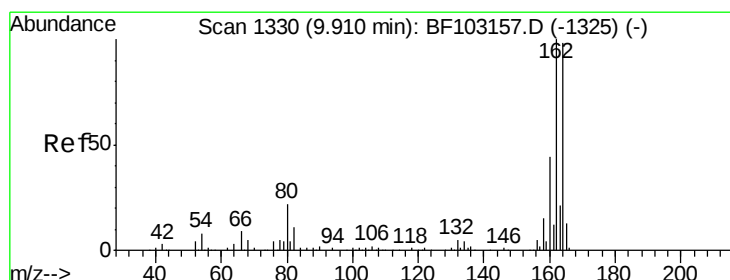
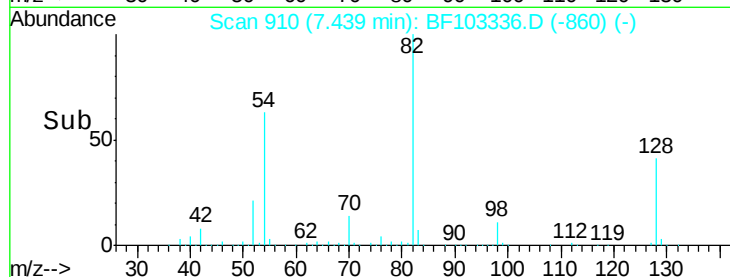
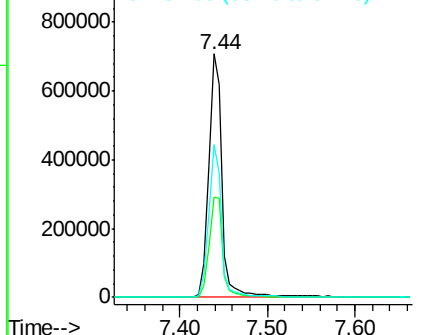
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Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): BF1

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. -0.00 min

Lab File: BF103336.D

Acq: 1 Mar 2018 15:02

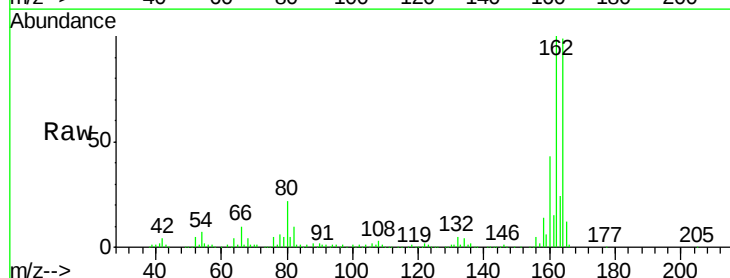
Tgt Ion: 164 Resp: 208406

Ion Ratio Lower Upper

164 100

162 100.9 86.1 129.1

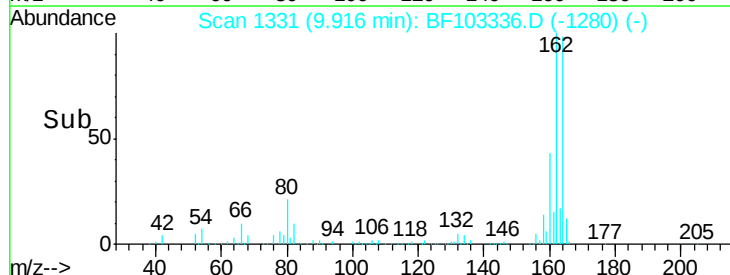
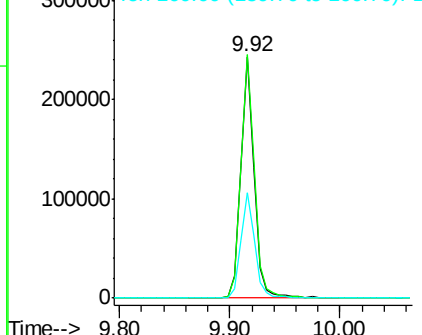
160 43.6 38.3 57.5

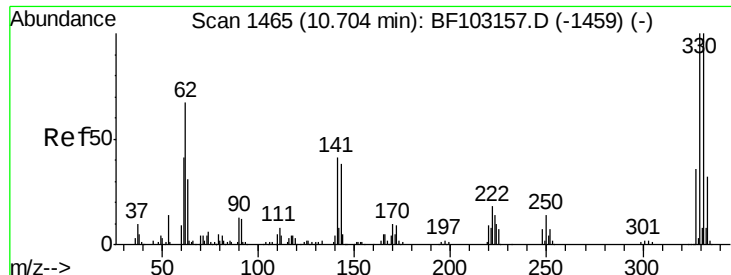


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





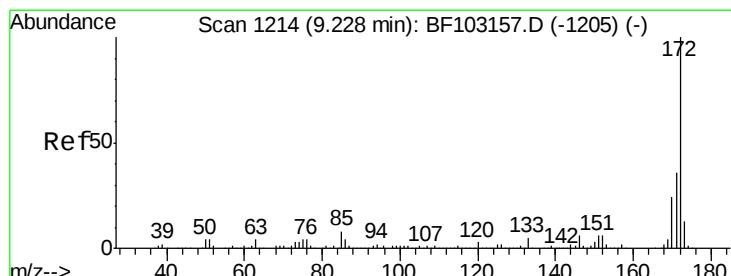
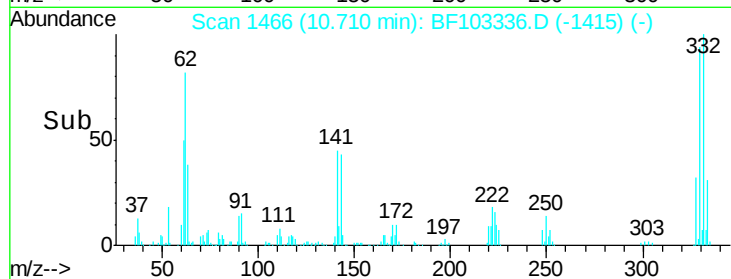
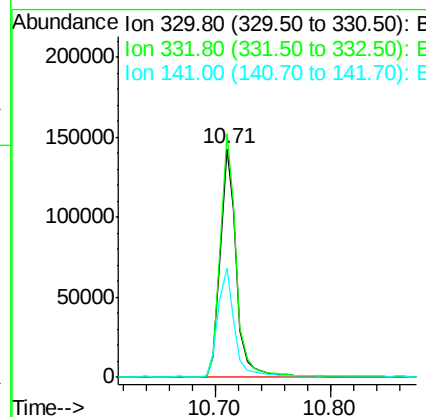
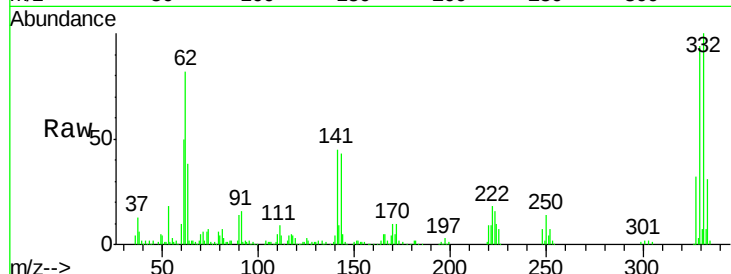
#41
 2,4,6-Tribromophenol
 Concen: 78.816 ng
 RT: 10.71 min Scan# 1466
 Delta R.T. -0.00 min
 Lab File: BF103336.D
 Acq: 1 Mar 2018 15:02

Instrument :
 BNA_F
 ClientSampled :
 SP-47

Tot Ion	Ratio	Lower	Upper
330	100		
332	105.5	77.0	115.6
141	47.9	29.9	44.9

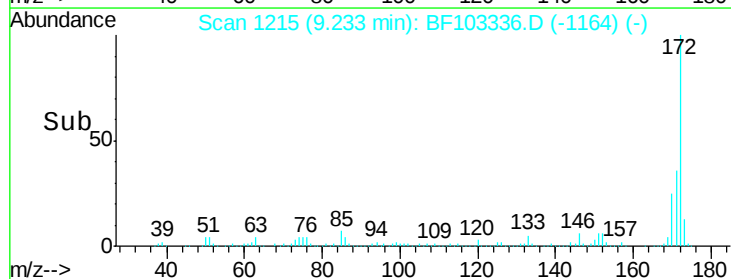
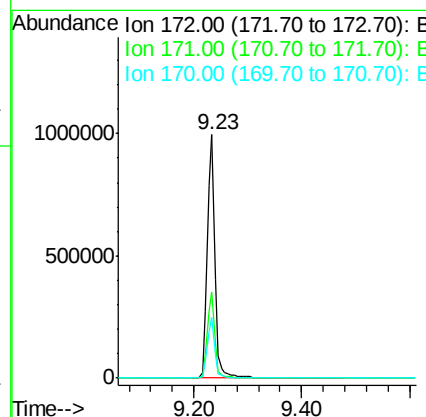
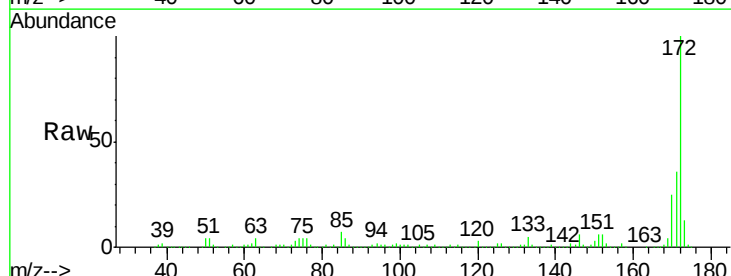
Manual Integrations
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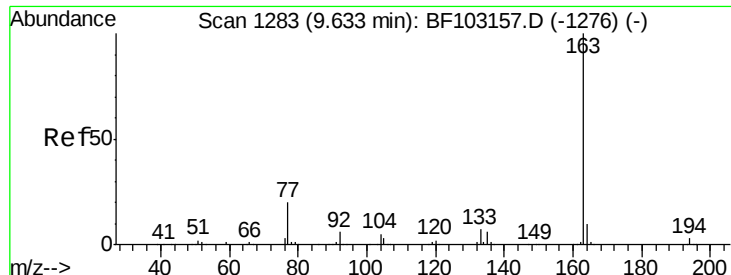
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#44
 2-Fluorobiphenyl
 Concen: 79.223 ng
 RT: 9.23 min Scan# 1215
 Delta R.T. -0.00 min
 Lab File: BF103336.D
 Acq: 1 Mar 2018 15:02

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.6	29.7	44.5
170	24.7	19.6	29.4





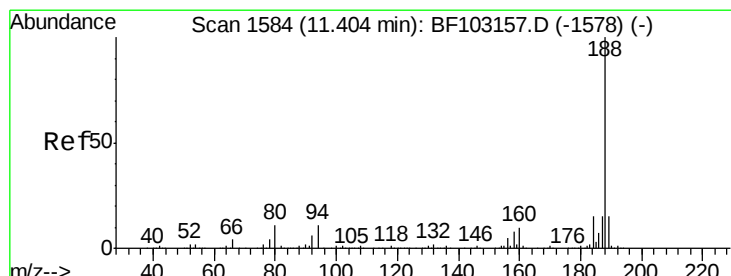
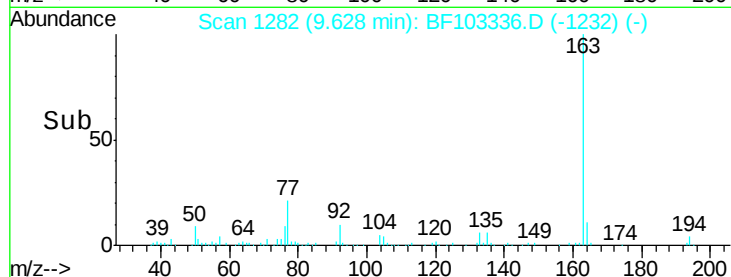
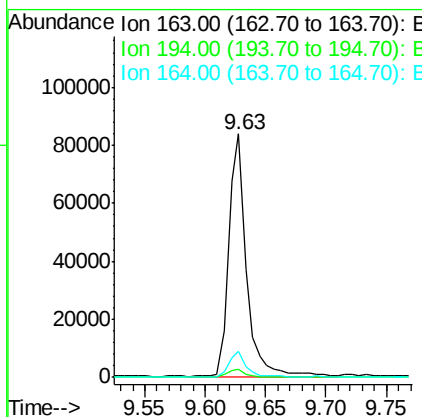
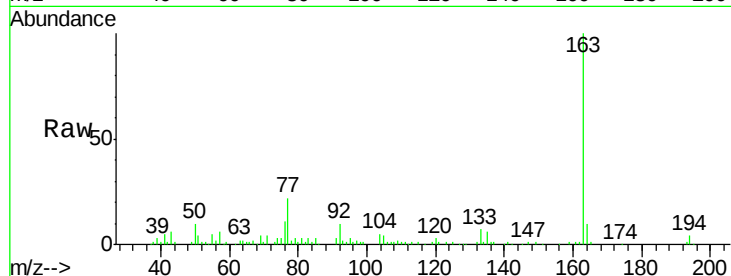
#49
Dimethylphthalate
Concen: 5.224 ng
RT: 9.63 min Scan# 1282
Delta R.T. -0.01 min
Lab File: BF103336.D
Acq: 1 Mar 2018 15:02

Instrument :
BNA_F
ClientSampled :
SP-47

Tot Ion	Ion	Ratio	Resp	Lower	Upper
163	100		87339		
194	3.6		2.7	4.1	
164	10.5		8.2	12.2	

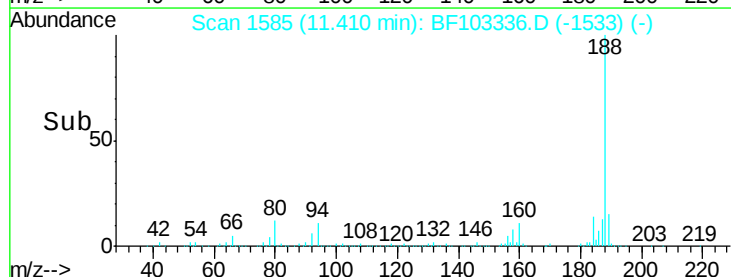
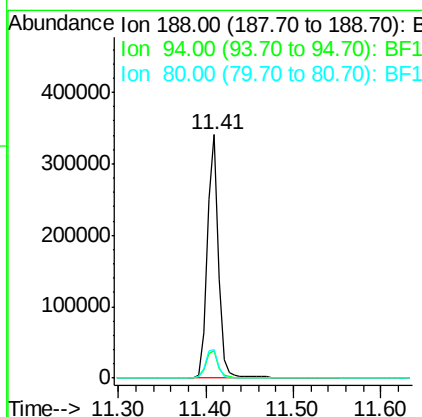
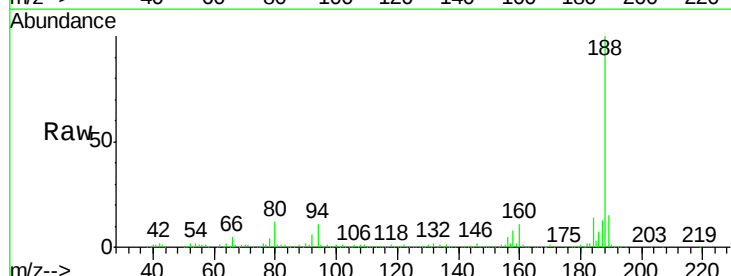
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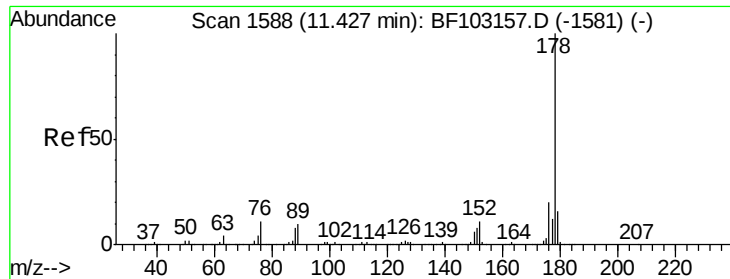
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#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.41 min Scan# 1585
Delta R.T. 0.01 min
Lab File: BF103336.D
Acq: 1 Mar 2018 15:02

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100		301090		
94	11.1		8.5	12.7	
80	11.9		9.2	13.8	





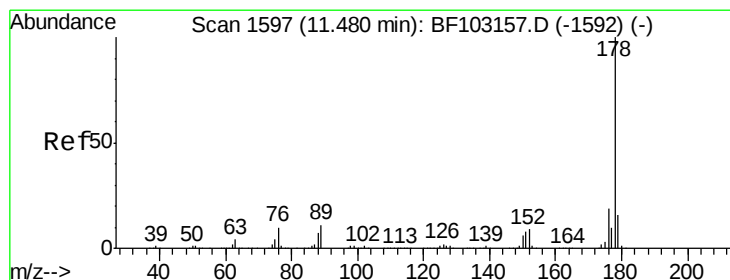
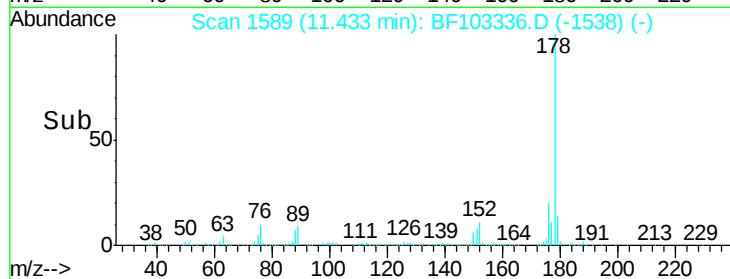
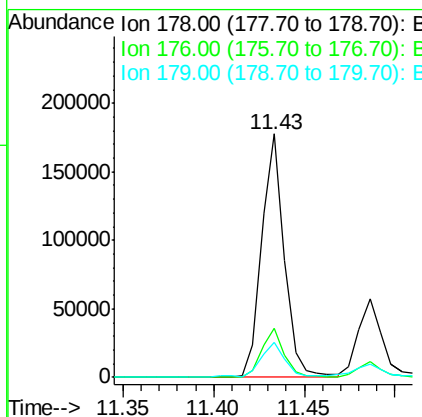
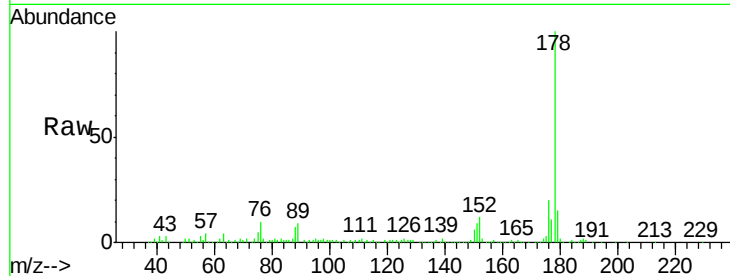
#70
Phenanthrene
Concen: 9.386 ng
RT: 11.43 min Scan# 1589
Delta R.T. -0.00 min
Lab File: BF103336.D
Acq: 1 Mar 2018 15:02

Instrument :
BNA_F
ClientSampleId :
SP-47

Tot Ion	Ratio	Lower	Upper
178	100		
176	20.2	15.8	23.8
179	14.6	13.0	19.6

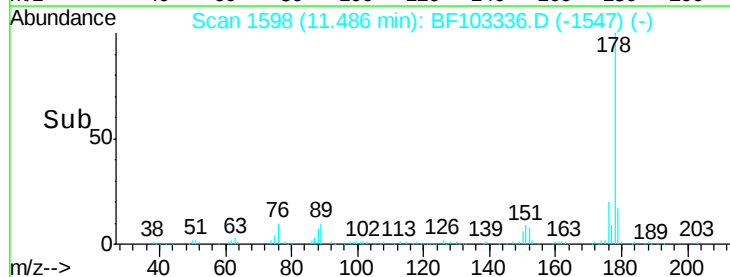
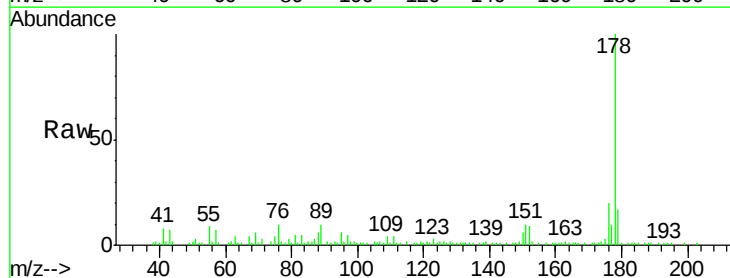
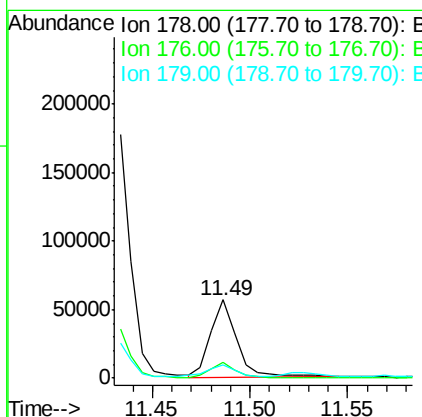
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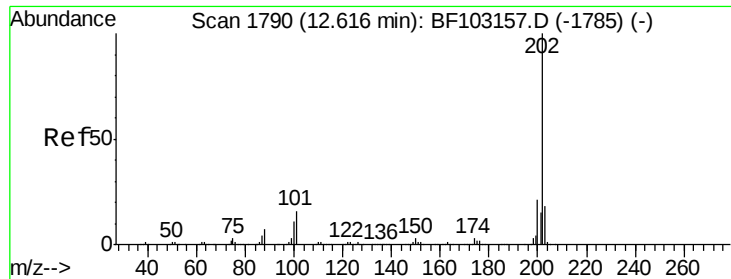
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#71
Anthracene
Concen: 3.153 ng
RT: 11.49 min Scan# 1598
Delta R.T. -0.00 min
Lab File: BF103336.D
Acq: 1 Mar 2018 15:02

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.9	15.4	23.2
179	17.3	12.6	19.0





#74

Fluoranthene

Concen: 16.572 ng

RT: 12.63 min Scan# 1792

Delta R.T. 0.01 min

Lab File: BF103336.D

Acq: 1 Mar 2018 15:02

Instrument :

BNA_F

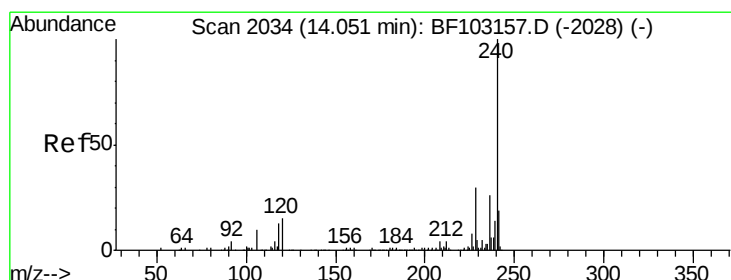
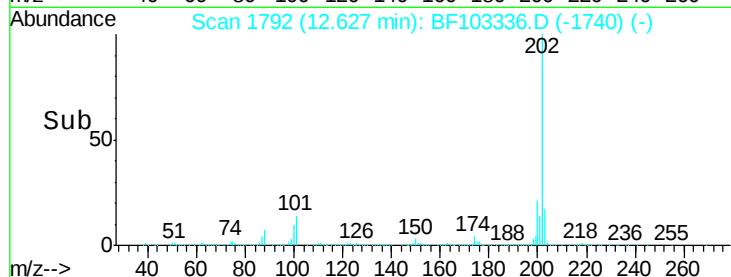
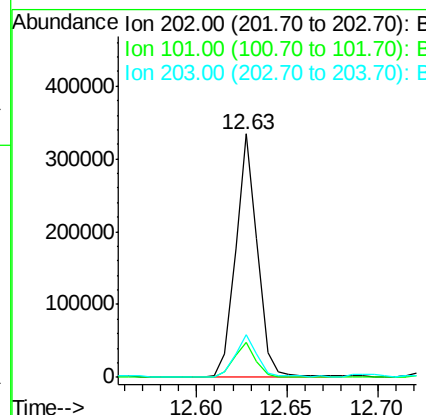
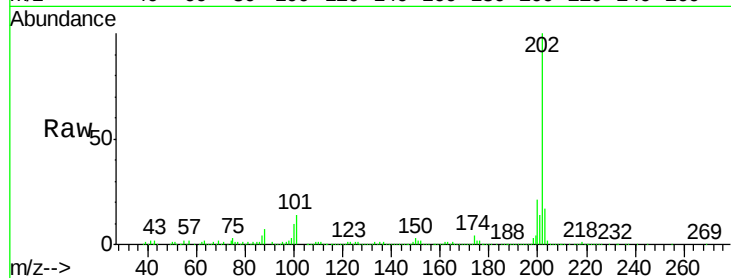
ClientSampled :

SP-47

Tot Ion:	202	Resp:	275947
Ion Ratio	Lower	Upper	
202	100		
101	14.3	0.0	34.1
203	17.4	0.0	38.1

Manual Integrations
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#75

Chrysene-d12

Concen: 20.000 ng

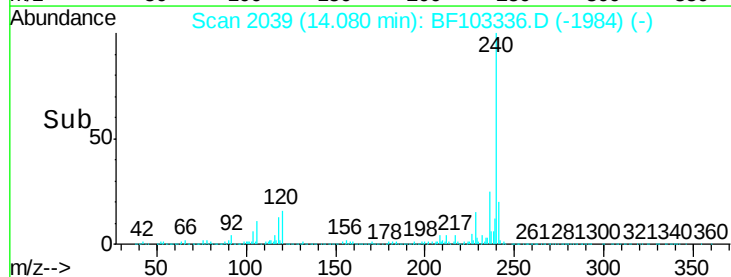
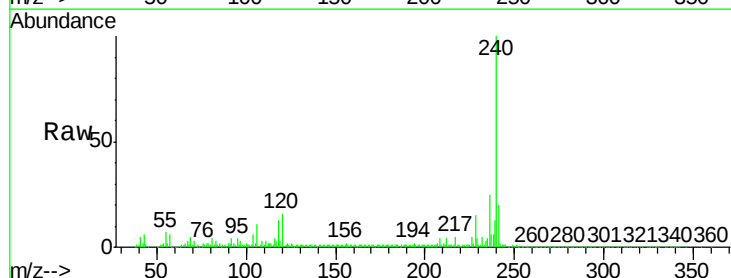
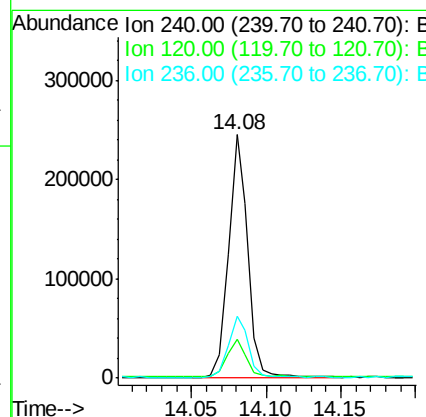
RT: 14.08 min Scan# 2039

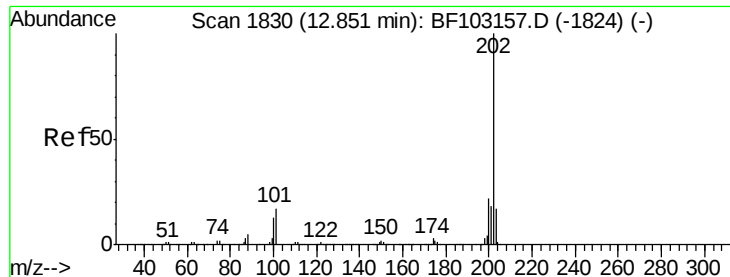
Delta R.T. 0.02 min

Lab File: BF103336.D

Acq: 1 Mar 2018 15:02

Tgt Ion:	240	Resp:	222205
Ion Ratio	Lower	Upper	
240	100		
120	16.2	9.5	14.3#
236	25.3	20.7	31.1





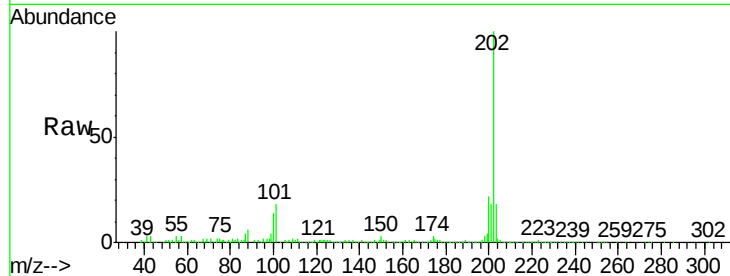
#77
Pvrene
Concen: 15.851 ng
RT: 12.86 min Scan# 1831
Delta R.T. -0.00 min
Lab File: BF103336.D
Acq: 1 Mar 2018 15:02

Instrument :
BNA_F
ClientSampleId :
SP-47

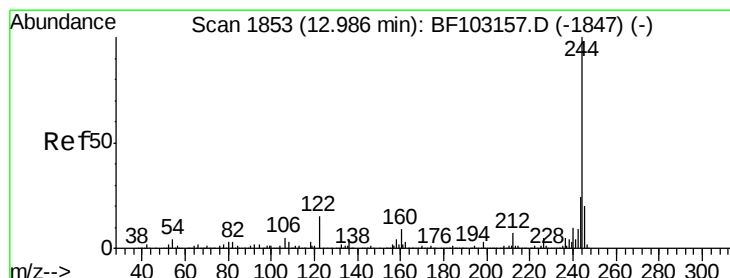
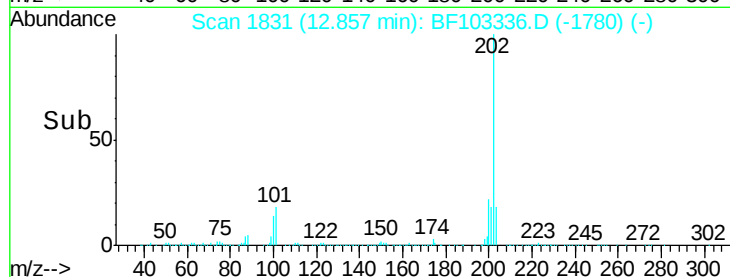
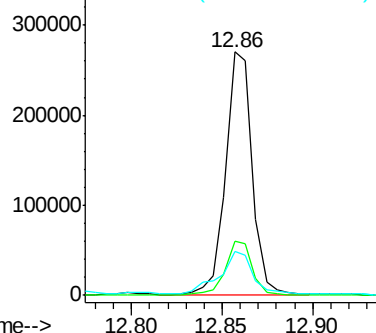
Tot Ion	Ratio	Lower	Upper
202	100		
200	22.1	17.4	26.2
203	18.2	14.3	21.5

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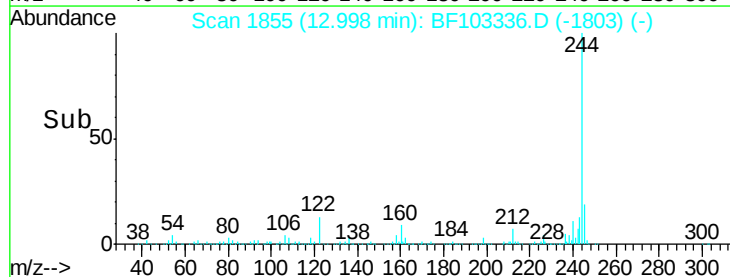
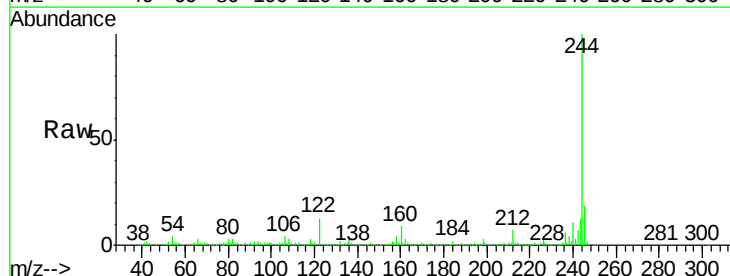
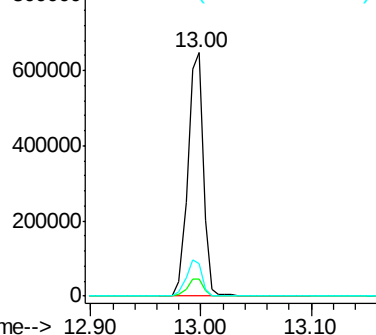
Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

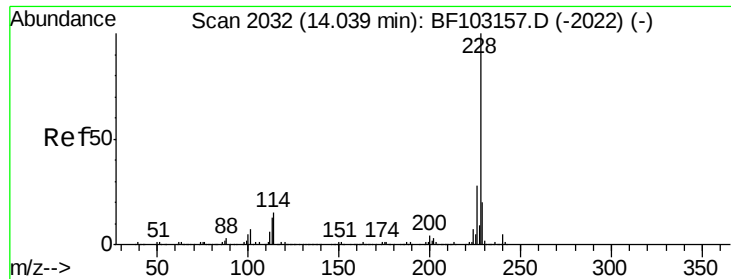


#78
Terphenyl-d14
Concen: 68.360 ng
RT: 13.00 min Scan# 1855
Delta R.T. 0.01 min
Lab File: BF103336.D
Acq: 1 Mar 2018 15:02

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.4	8.0
122	13.3	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





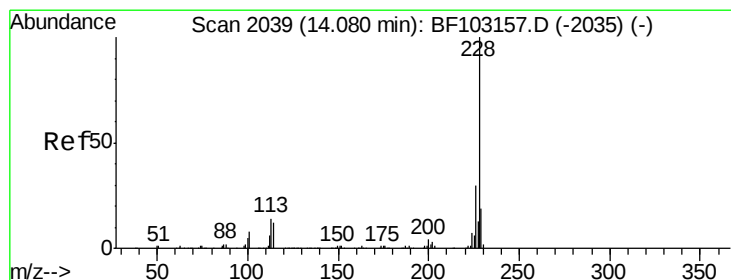
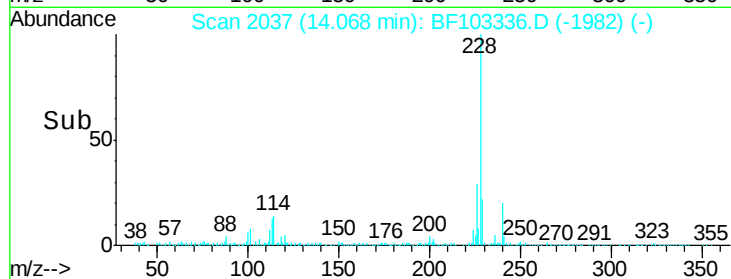
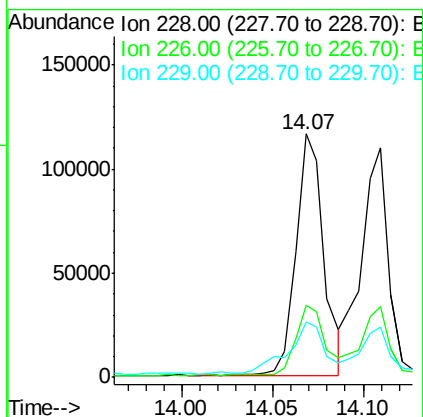
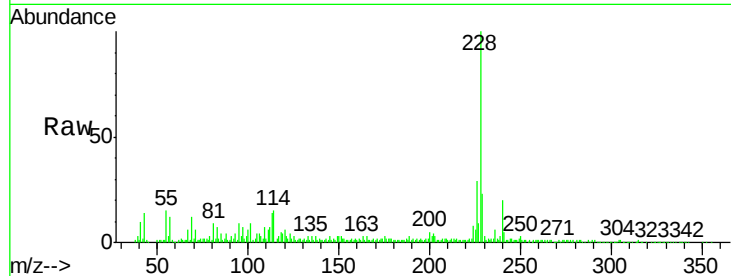
#80
Benzo(a)anthracene
Concen: 8.747 ng
RT: 14.07 min Scan# 2037
Delta R.T. 0.02 min
Lab File: BF103336.D
Acq: 1 Mar 2018 15:02

Instrument :
BNA_F
ClientSampleId :
SP-47

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.5	22.6	33.8
229	22.8	15.8	23.6

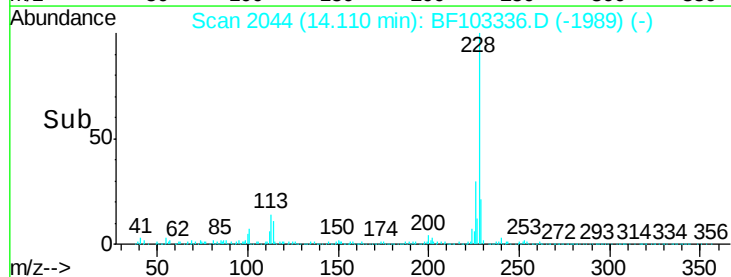
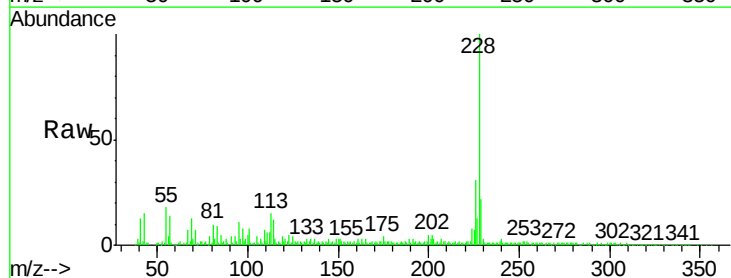
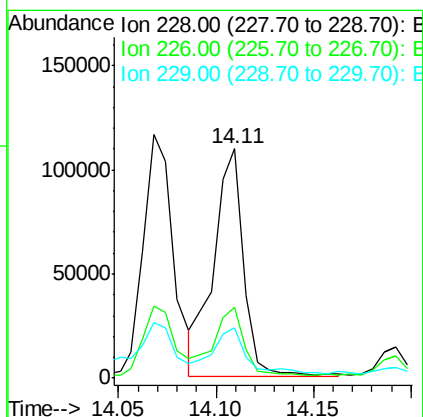
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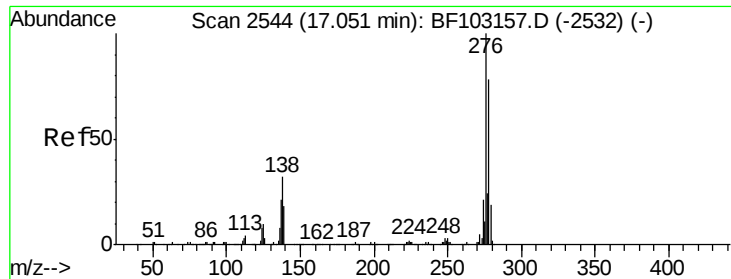
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#82
Chrysene
Concen: 8.317 ng
RT: 14.11 min Scan# 2044
Delta R.T. 0.02 min
Lab File: BF103336.D
Acq: 1 Mar 2018 15:02

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.0	25.0	37.6
229	22.1	16.2	24.4





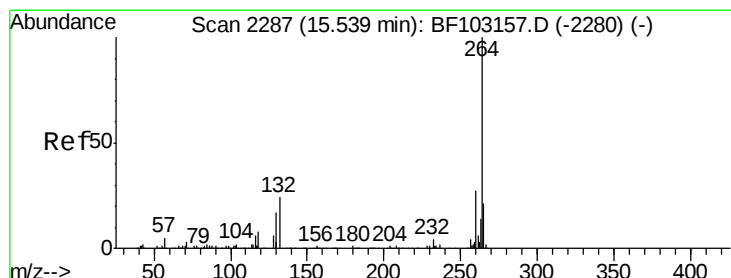
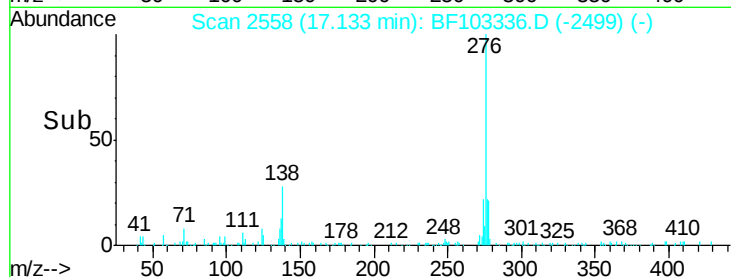
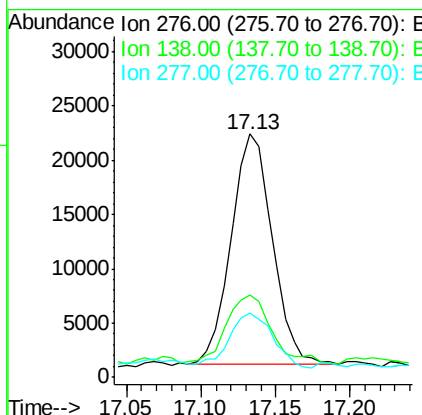
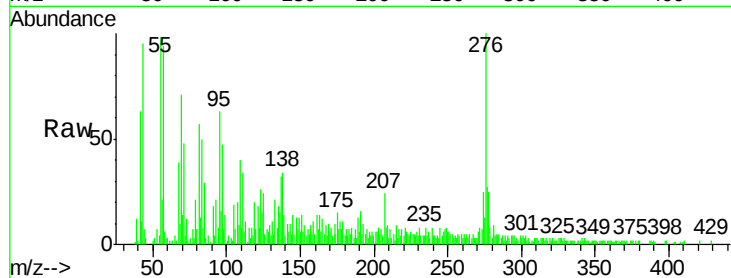
#85
Indeno(1,2,3-cd)pyrene
Concen: 3.674 ng
RT: 17.13 min Scan# 2558
Delta R.T. 0.05 min
Lab File: BF103336.D
Acq: 1 Mar 2018 15:02

Instrument :
BNA_F
ClientSampleId :
SP-47

Tot Ion	Ratio	Lower	Upper
276	100		
138	33.7	25.0	37.6
277	25.1	20.1	30.1

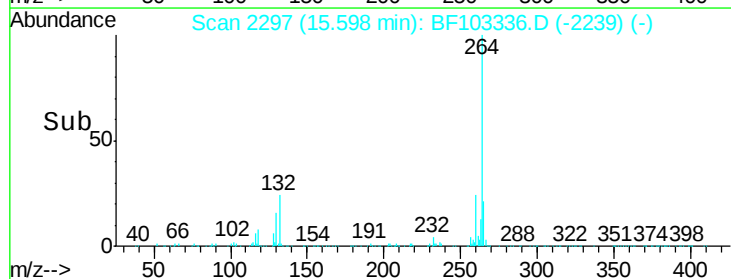
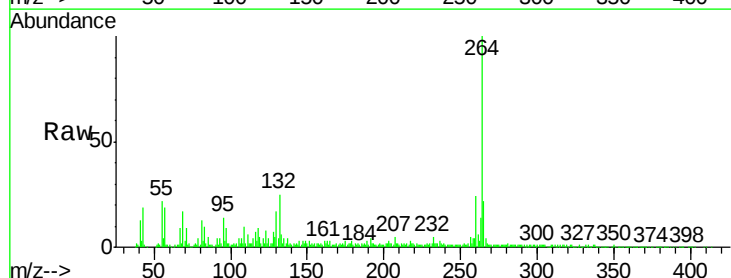
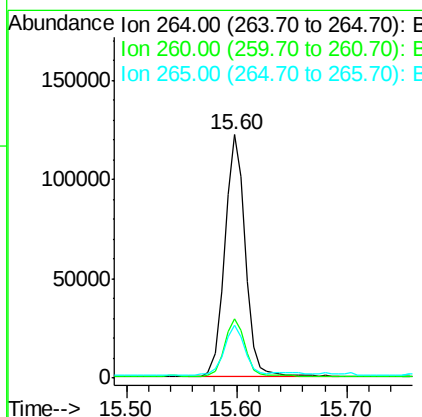
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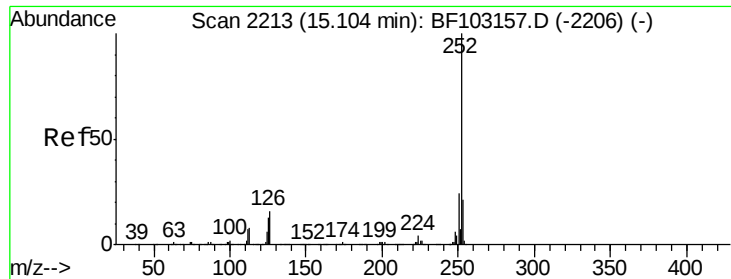
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#86
Perylene-d12
Concen: 20.000 ng
RT: 15.60 min Scan# 2297
Delta R.T. 0.04 min
Lab File: BF103336.D
Acq: 1 Mar 2018 15:02

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.2	28.8
265	21.6	17.5	26.3





#87

Benzo(b)fluoranthene

Concen: 11.273 ng m

RT: 15.16 min Scan# 2222

Delta R.T. 0.04 min

Lab File: BF103336.D

Acq: 1 Mar 2018 15:02

Instrument :

BNA_F

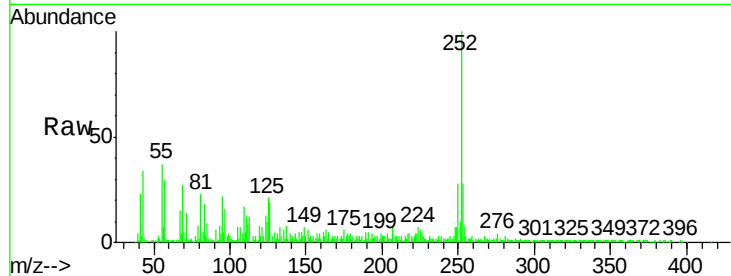
ClientSampleId :

SP-47

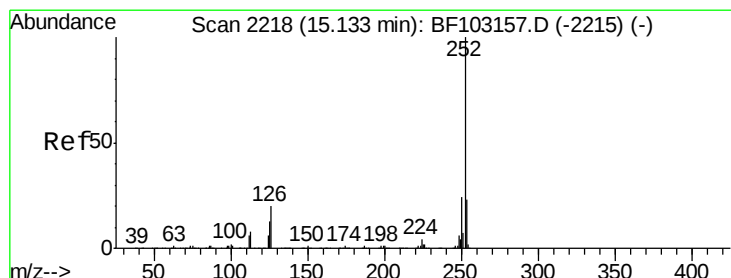
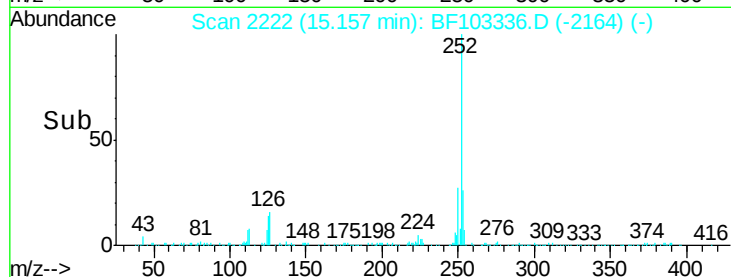
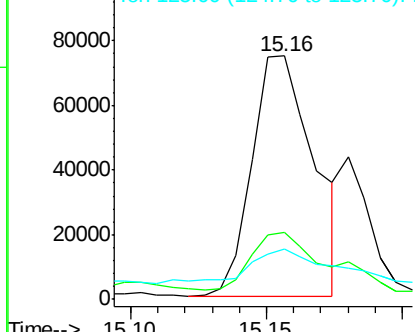
Tot Ion:	252	Resp:	118351
Ion Ratio	Lower	Upper	
252	100		
253	27.5	17.0	25.6#
125	20.7	9.0	13.6#

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Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 3.210 ng m

RT: 15.18 min Scan# 2226

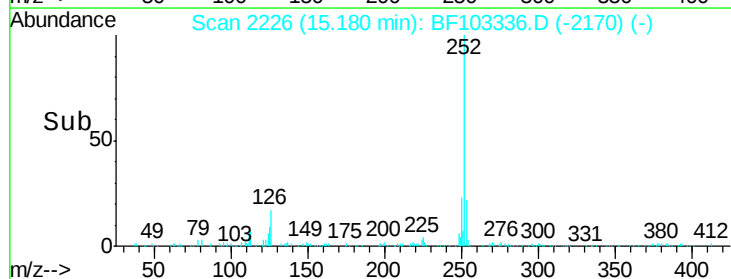
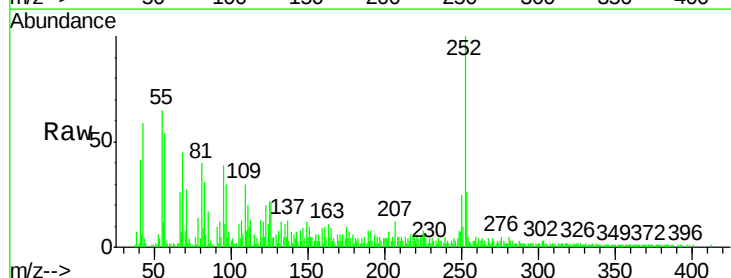
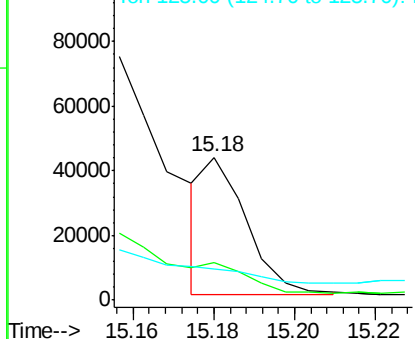
Delta R.T. 0.03 min

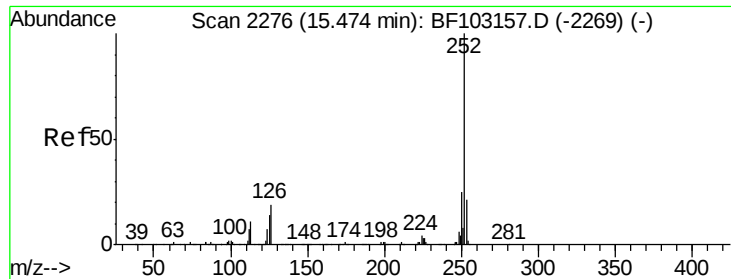
Lab File: BF103336.D

Acq: 1 Mar 2018 15:02

Tgt Ion:	252	Resp:	31736
Ion Ratio	Lower	Upper	
252	100		
253	26.3	17.9	26.9
125	21.8	10.2	15.2#

Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





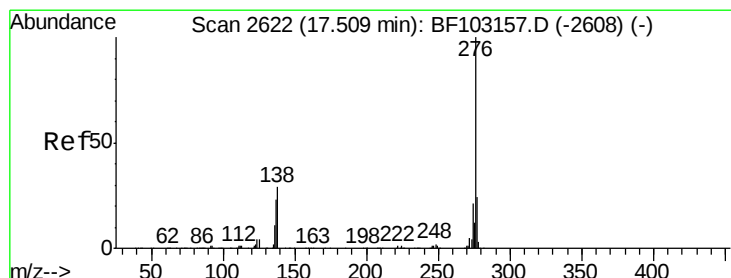
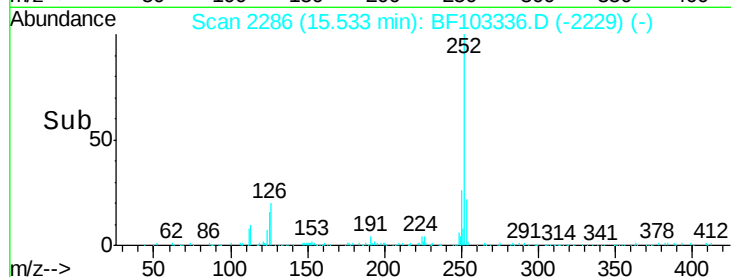
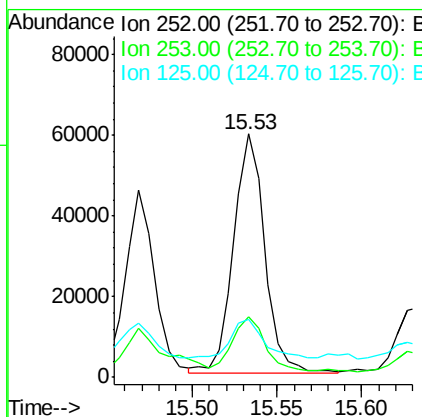
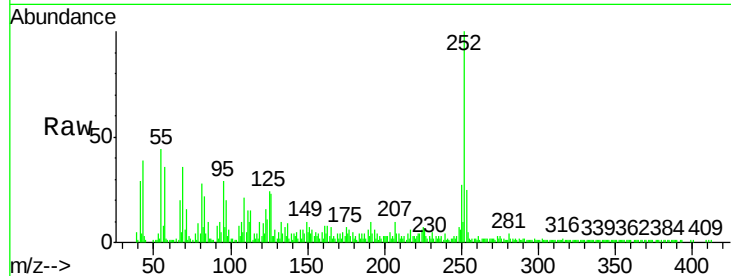
#89
Benzo(a)pyrene
Concen: 8.166 ng
RT: 15.53 min Scan# 2286
Delta R.T. 0.04 min
Lab File: BF103336.D
Acq: 1 Mar 2018 15:02

Instrument :
BNA_F
ClientSampleId :
SP-47

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.9	17.1	25.7
125	23.6	9.8	14.6

Manual Integrations
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#91
Benzo(g,h,i)perylene
Concen: 5.831 ng
RT: 17.60 min Scan# 2638
Delta R.T. 0.06 min
Lab File: BF103336.D
Acq: 1 Mar 2018 15:02

Tgt Ion	Ratio	Lower	Upper
276	100		
277	31.5	17.9	26.9
138	36.3	21.8	32.8

