

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF030618\
 Data File : BF103457.D
 Acq On : 6 Mar 2018 15:50
 Operator : SJ/JU
 Sample : J1724-19
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP-12

Manual Integrations
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Sohil
 3/7/2018 12:15:18 PM

Quant Time: Mar 06 16:47:30 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 06 11:52:59 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	132249	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	572651	20.00	ng	0.00
38) Acenaphthene-d10	9.91	164	231009	20.00	ng	0.00
63) Phenanthrene-d10	11.41	188	357771	20.00	ng	0.00
75) Chrysene-d12	14.09	240	224888	20.00	ng	0.02
86) Perylene-d12	15.64	264	165527	20.00	ng	0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	960438	109.84	ng	0.00
7) Phenol-d6	6.52	99	1214230	113.48	ng	0.00
23) Nitrobenzene-d5	7.44	82	722108	72.01	ng	0.00
41) 2,4,6-Tribromophenol	10.71	330	166413	85.11	ng	0.00
44) 2-Fluorobiphenyl	9.23	172	1013641	73.08	ng	0.00
78) Terphenyl-d14	12.99	244	683252	73.03	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.62	163	79077	4.267	ng	Qvalue # 99
70) Phenanthrene	11.43	178	287763	14.615	ng	98
71) Anthracene	11.49	178	86208	4.270	ng	99
74) Fluoranthene	12.63	202	482466	24.385	ng	99
77) Pyrene	12.86	202	457407	26.087	ng	99
80) Benzo(a)anthracene	14.07	228	206252	14.135	ng	98
82) Chrysene	14.12	228	197925	13.970	ng	98
85) Indeno(1,2,3-cd)pyrene	17.19	276	70670	6.301	ng	99
87) Benzo(b)fluoranthene	15.19	252	206704m	18.993	ng	
88) Benzo(k)fluoranthene	15.22	252	65344m	6.376	ng	
89) Benzo(a)pyrene	15.57	252	131490	13.529	ng	# 93
90) Dibenzo(a,h)anthracene	17.19	278	19442	2.589	ng	# 71
91) Benzo(a,h,i)perylene	17.67	276	71490	9.740	ng	# 92

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

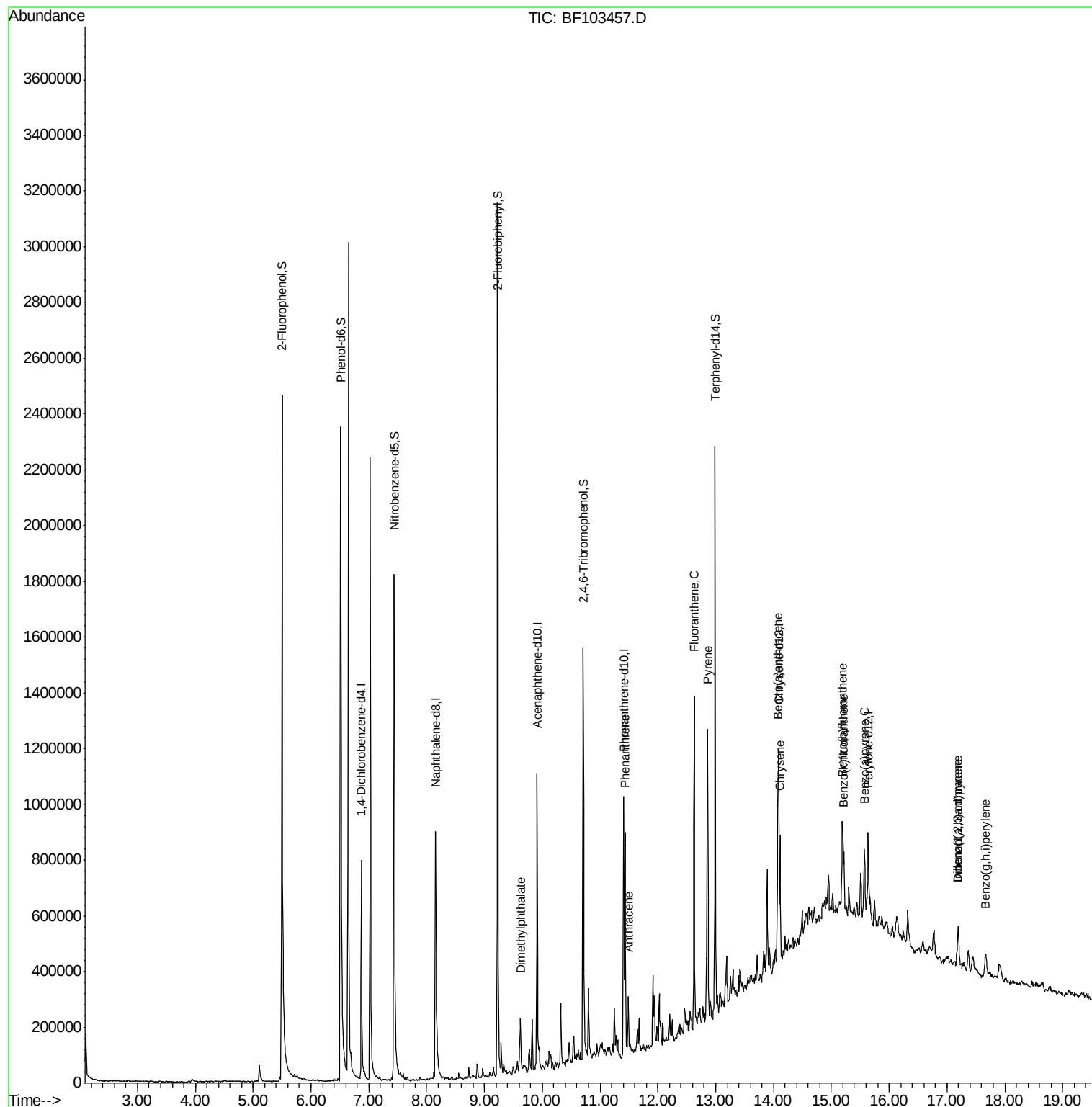
Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF030618\
Data File : BF103457.D
Acq On : 6 Mar 2018 15:50
Operator : SJ/JU
Sample : J1724-19
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
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Response via : Initial Calibration





#1

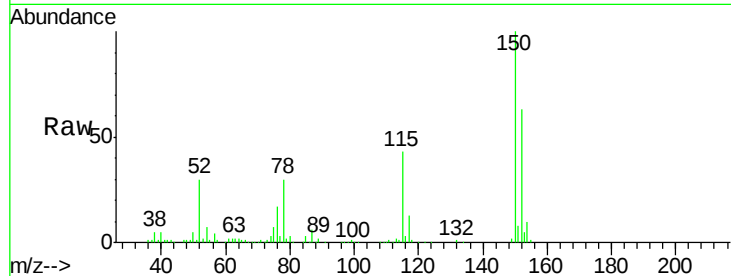
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 813
Delta R.T. 0.00 min
Lab File: BF103457.D
Acq: 6 Mar 2018 15:50

Instrument :
BNA_F
ClientSampled :
SP-12

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.8	124.6	186.8
115	68.6	50.1	75.1

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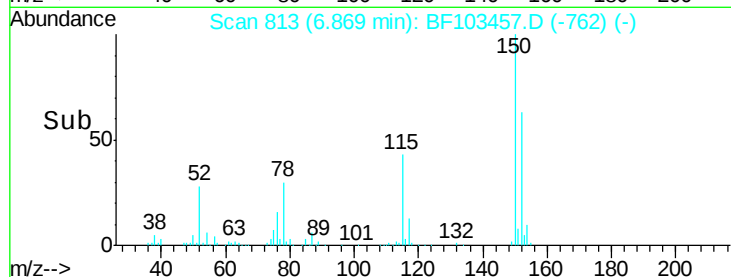
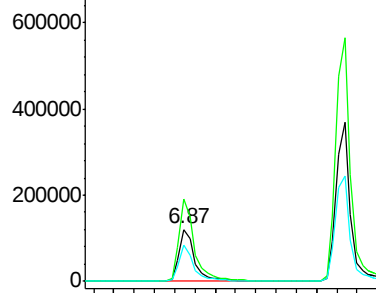


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

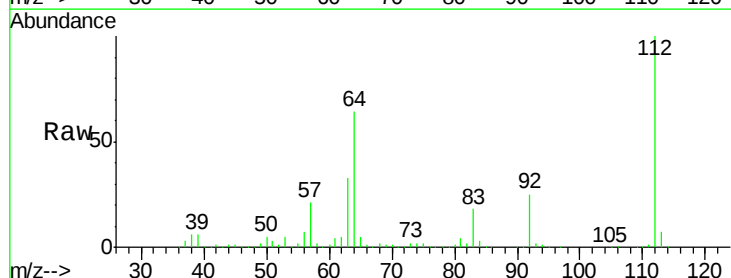
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 109.838 ng
RT: 5.50 min Scan# 580
Delta R.T. 0.00 min
Lab File: BF103457.D
Acq: 6 Mar 2018 15:50

Tgt Ion	Ratio	Lower	Upper
112	100		
64	64.1	47.9	71.9
63	33.2	23.7	35.5

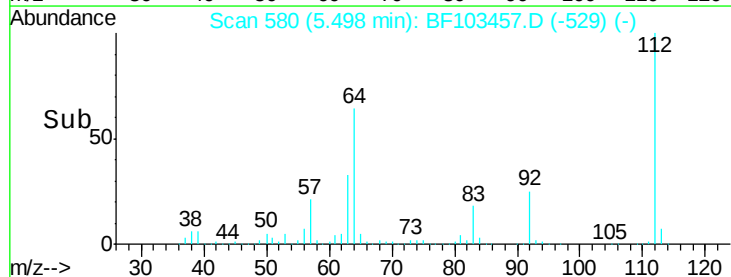
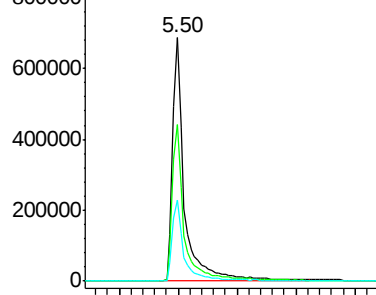


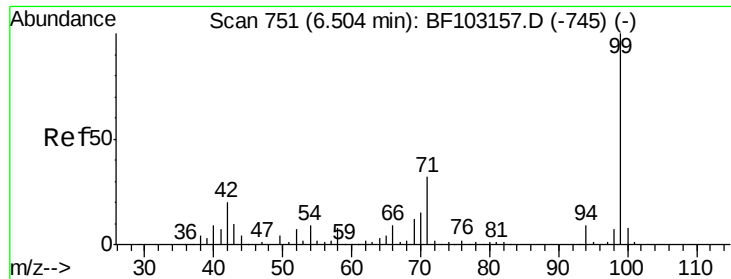
Abundance

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: 113.482 ng

RT: 6.52 min Scan# 753

Delta R.T. 0.00 min

Lab File: BF103457.D

Acq: 6 Mar 2018 15:50

Instrument :

BNA_F

ClientSampled :

SP-12

Tot Ion: 99 Resp: 1214230

Ion Ratio Lower Upper

99 100

42 20.4 14.5 21.7

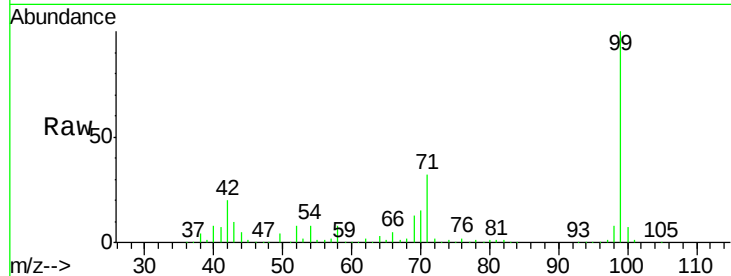
71 31.7 25.4 38.0

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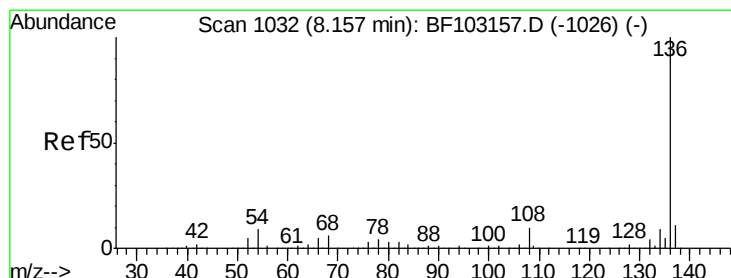
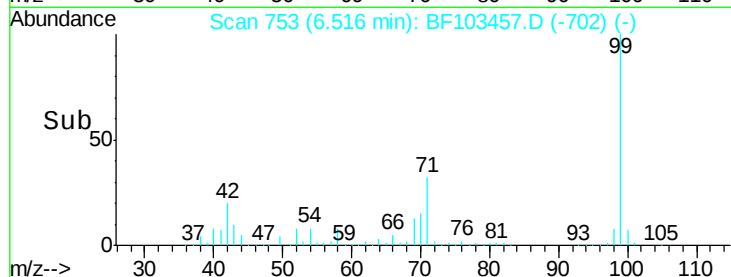
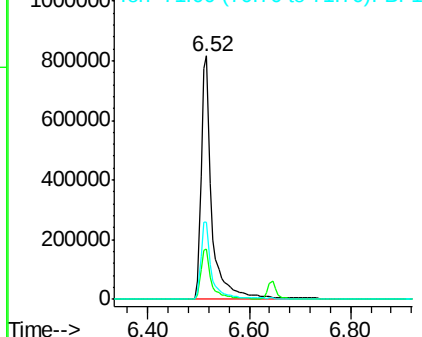
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Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.16 min Scan# 1032

Delta R.T. 0.00 min

Lab File: BF103457.D

Acq: 6 Mar 2018 15:50

Tgt Ion:136 Resp: 572651

Ion Ratio Lower Upper

136 100

137 10.8 8.9 13.3

54 8.8 6.6 9.8

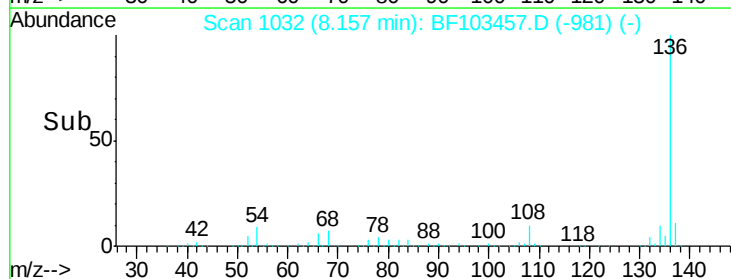
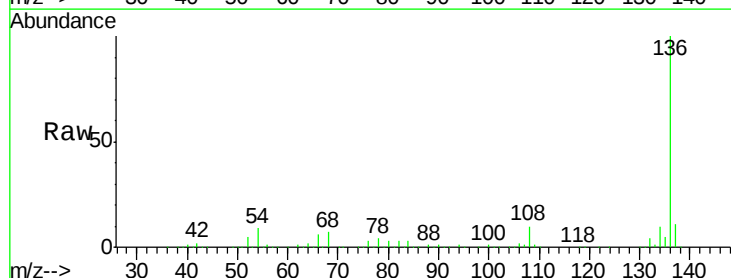
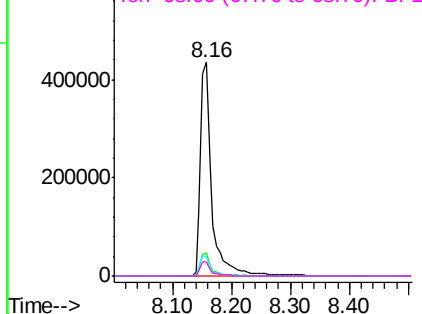
68 6.5 5.0 7.4

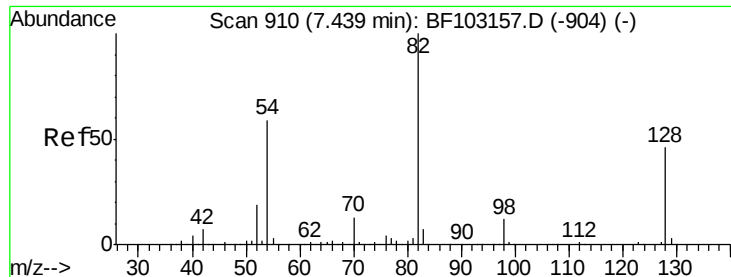
Abundance Ion 136.00 (135.70 to 136.70): E

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





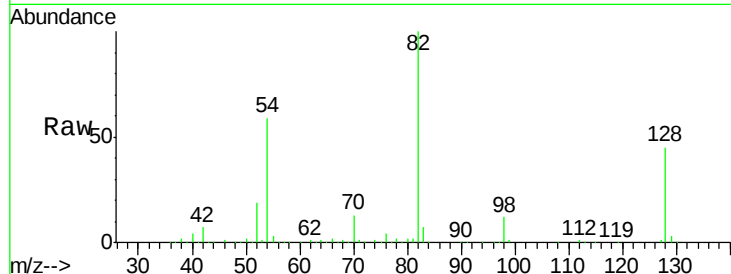
#23
Nitrobenzene-d5
Concen: 72.013 ng
RT: 7.44 min Scan# 910
Delta R.T. -0.01 min
Lab File: BF103457.D
Acq: 6 Mar 2018 15:50

Instrument :
BNA_F
ClientSampled :
SP-12

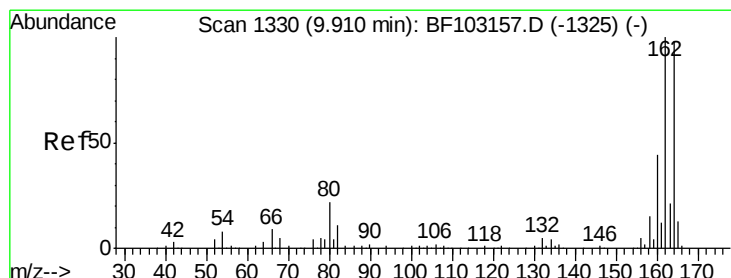
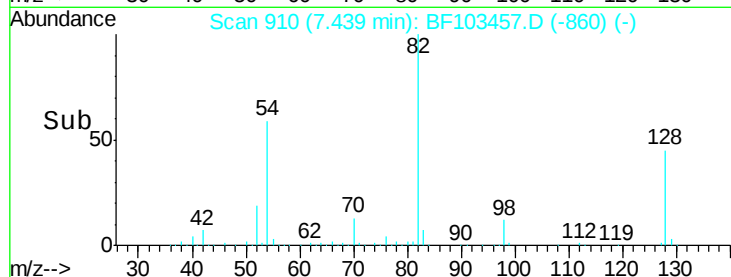
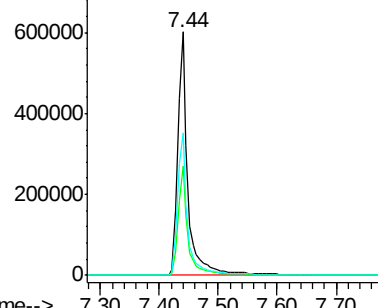
Tot Ion	Ratio	Resp	Lower	Upper
82	100	722108		
128	44.9	36.1	54.1	
54	58.7	41.4	62.2	

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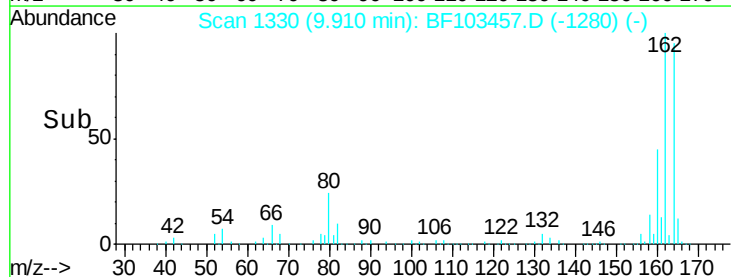
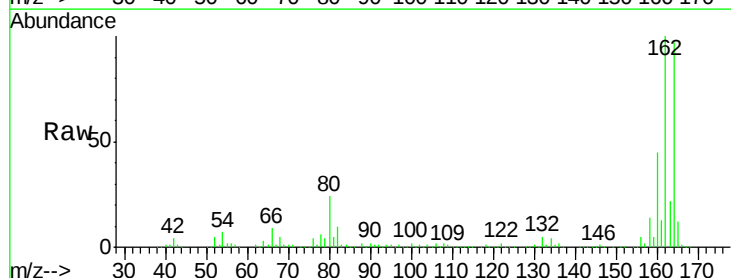
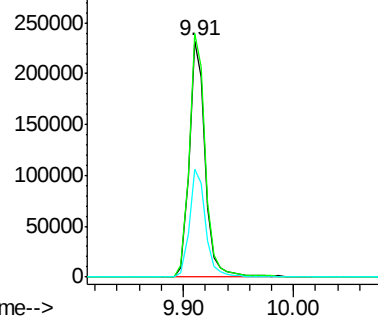
Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.91 min Scan# 1330
Delta R.T. -0.01 min
Lab File: BF103457.D
Acq: 6 Mar 2018 15:50

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	231009		
162	103.0	86.1	129.1	
160	45.9	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





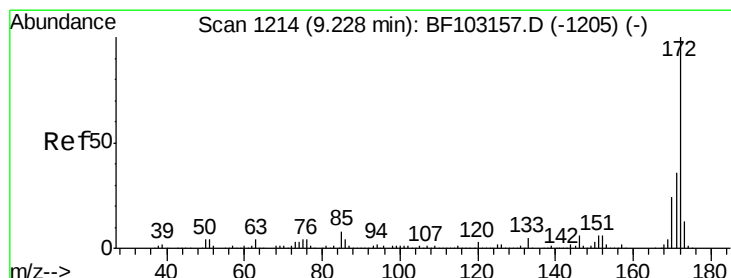
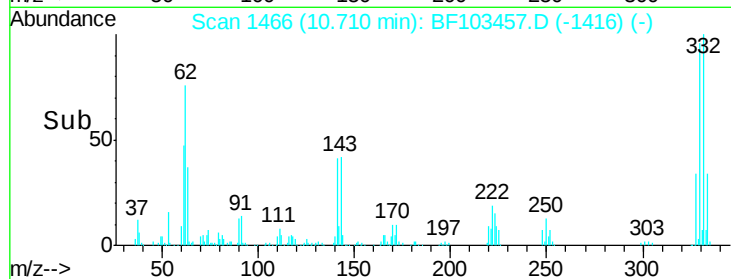
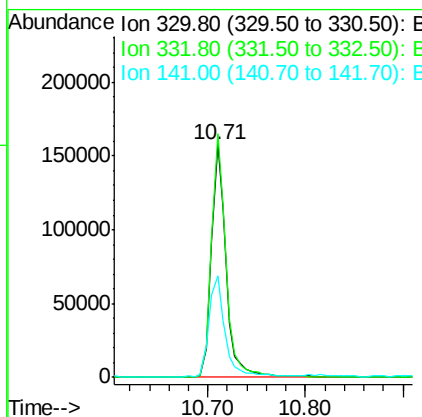
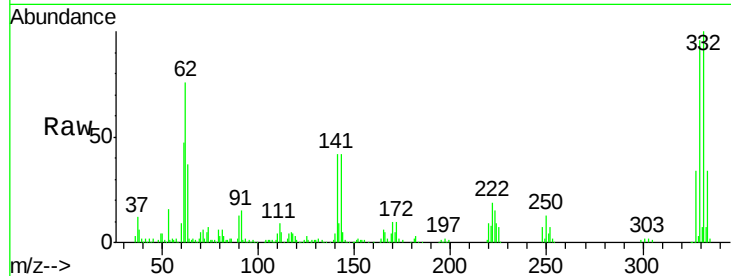
#41
 2,4,6-Tribromophenol
 Concen: 85.106 ng
 RT: 10.71 min Scan# 1466
 Delta R.T. -0.01 min
 Lab File: BF103457.D
 Acq: 6 Mar 2018 15:50

Instrument :
 BNA_F
 ClientSampled :
 SP-12

Tot Ion	Ratio	Resp	Lower	Upper
330	100	166413		
332	104.0	77.0	115.6	
141	46.9	29.9	44.9	

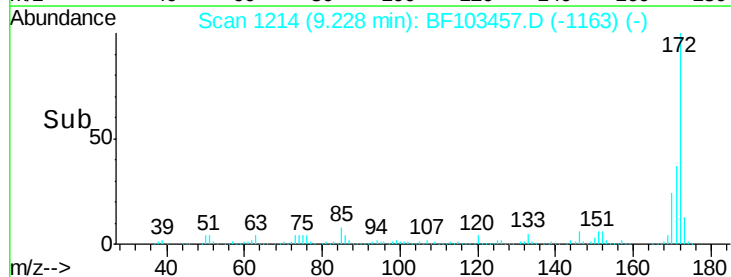
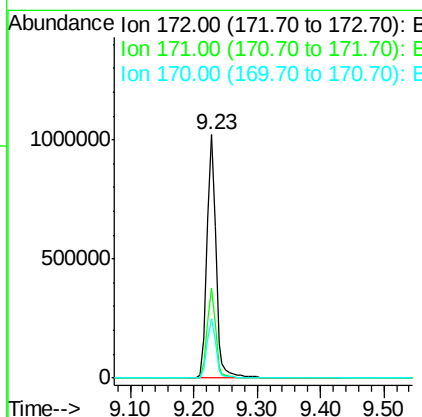
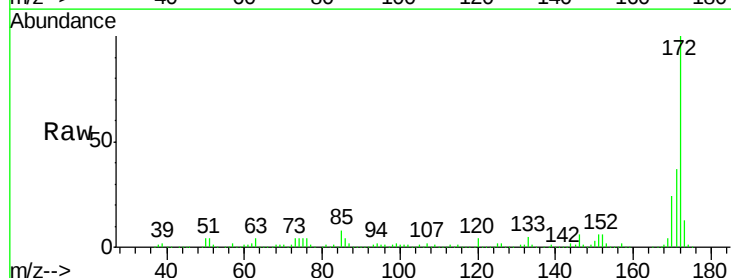
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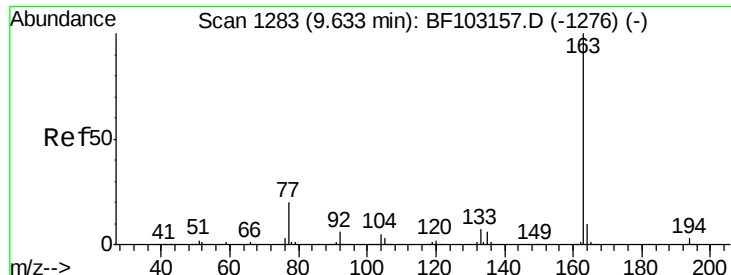
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#44
 2-Fluorobiphenyl
 Concen: 73.085 ng
 RT: 9.23 min Scan# 1214
 Delta R.T. 0.00 min
 Lab File: BF103457.D
 Acq: 6 Mar 2018 15:50

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1013641		
171	36.8	29.7	44.5	
170	24.4	19.6	29.4	





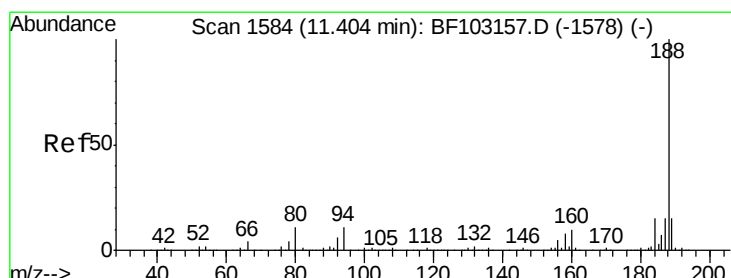
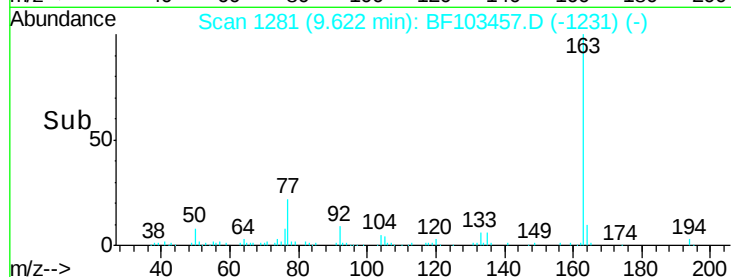
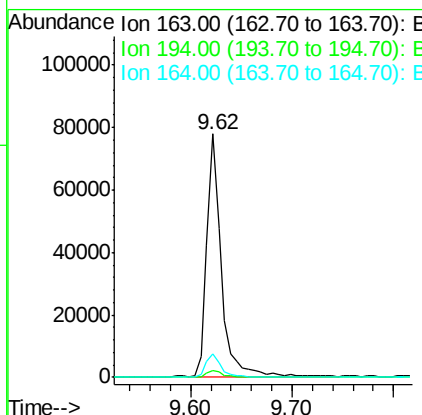
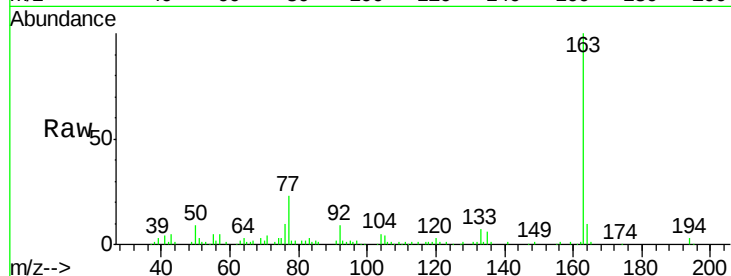
#49
Dimethylphthalate
Concen: 4.267 ng
RT: 9.62 min Scan# 1281
Delta R.T. -0.01 min
Lab File: BF103457.D
Acq: 6 Mar 2018 15:50

Instrument :
BNA_F
ClientSampled :
SP-12

Tot Ion	Ion	Ratio	Lower	Upper
163	100			
194	2.7	2.7	4.1	
164	9.8	8.2	12.2	

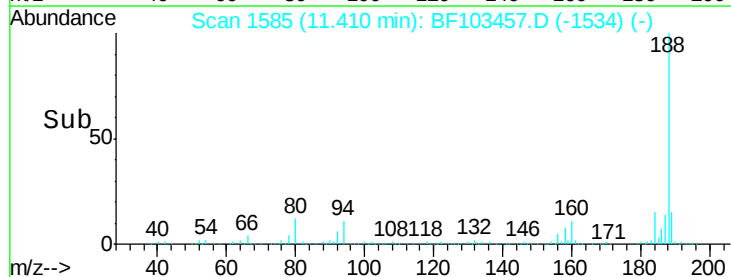
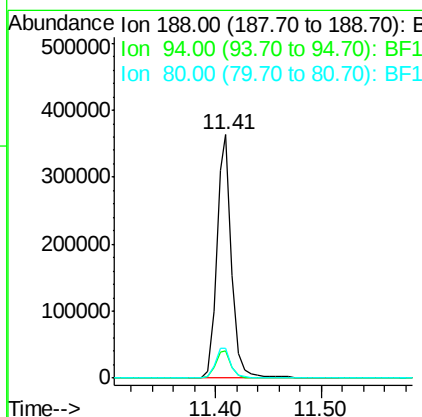
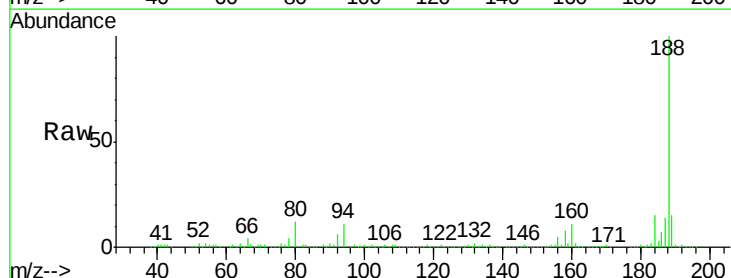
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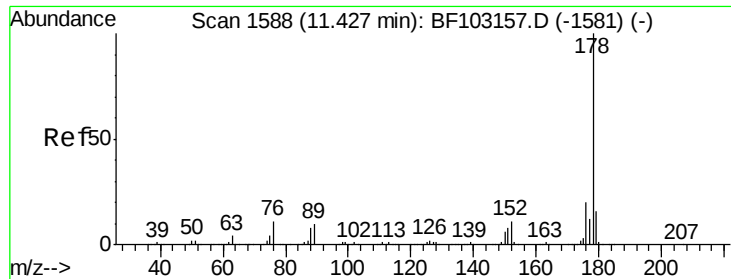
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#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.41 min Scan# 1585
Delta R.T. 0.00 min
Lab File: BF103457.D
Acq: 6 Mar 2018 15:50

Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	11.0	8.5	12.7	
80	12.1	9.2	13.8	





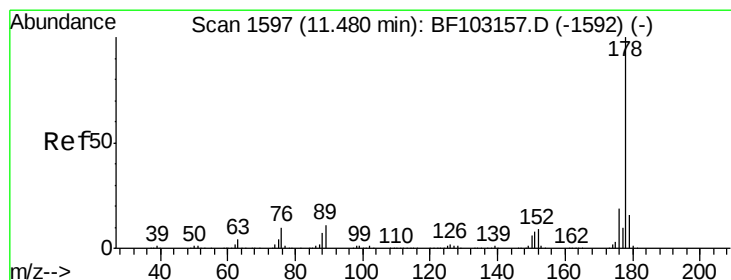
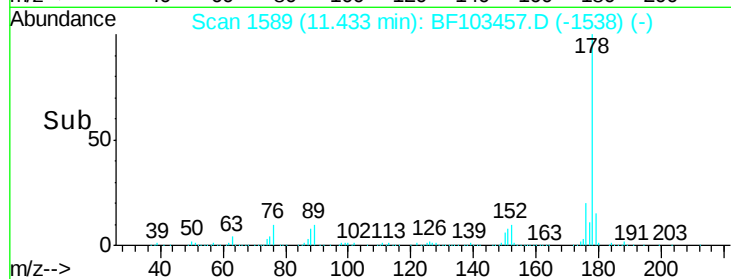
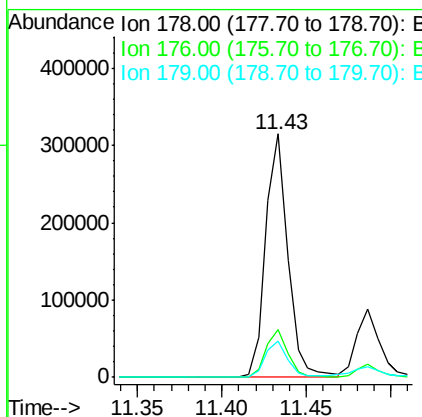
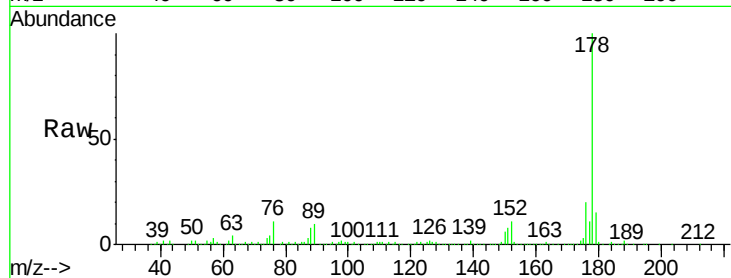
#70
Phenanthrene
Concen: 14.615 ng
RT: 11.43 min Scan# 1589
Delta R.T. 0.00 min
Lab File: BF103457.D
Acq: 6 Mar 2018 15:50

Instrument :
BNA_F
ClientSampleId :
SP-12

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.7	15.8	23.8
179	15.0	13.0	19.6

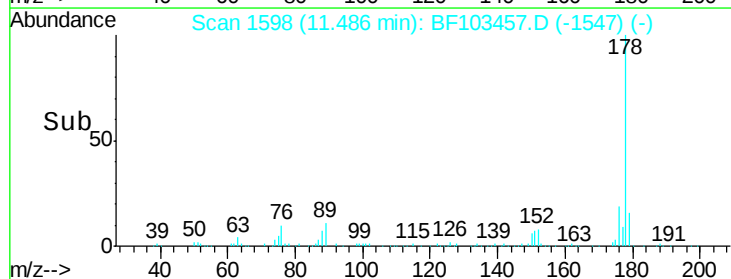
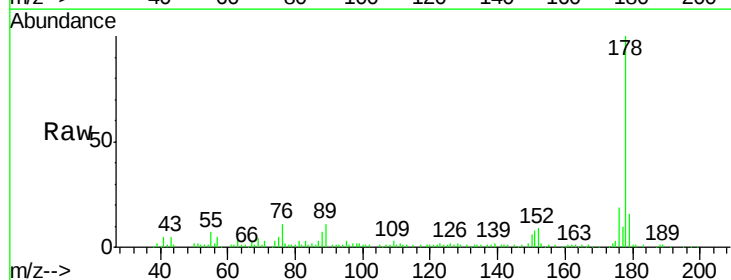
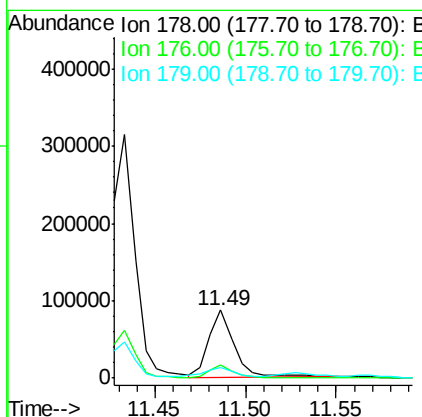
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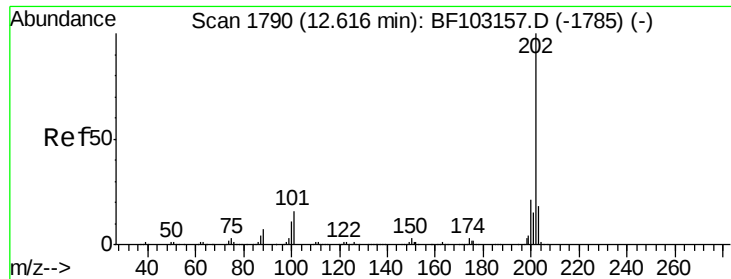
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#71
Anthracene
Concen: 4.270 ng
RT: 11.49 min Scan# 1598
Delta R.T. 0.00 min
Lab File: BF103457.D
Acq: 6 Mar 2018 15:50

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.4	23.2
179	16.4	12.6	19.0





#74

Fluoranthene

Concen: 24.385 ng

RT: 12.63 min Scan# 1792

Delta R.T. -0.01 min

Lab File: BF103457.D

Acq: 6 Mar 2018 15:50

Instrument :

BNA_F

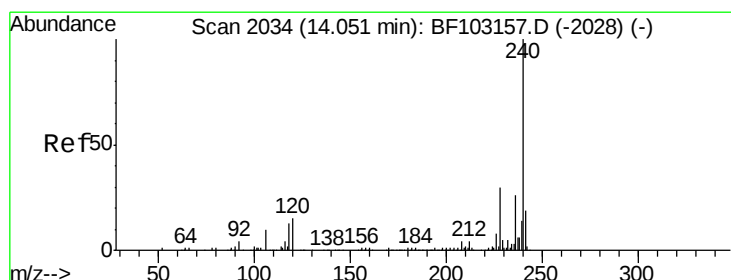
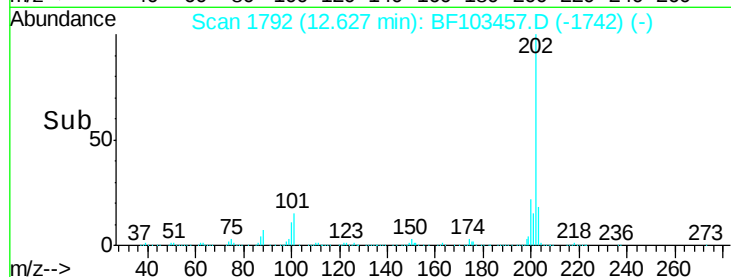
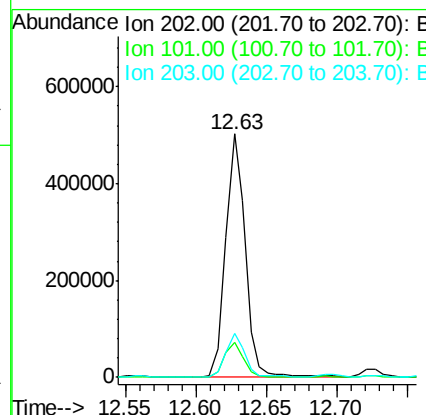
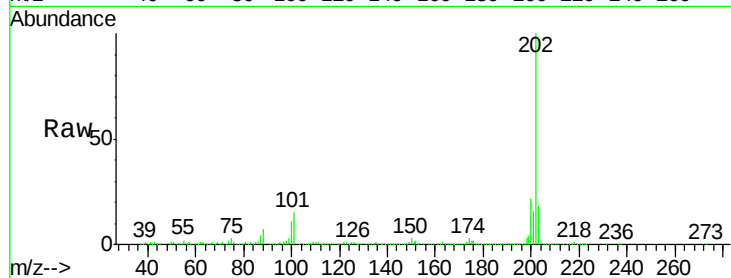
ClientSampleId :

SP-12

Tot Ion:	202	Resp:	482466
Ion Ratio	Lower	Upper	
202	100		
101	14.6	0.0	34.1
203	17.8	0.0	38.1

Manual Integrations
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#75

Chrysene-d12

Concen: 20.000 ng

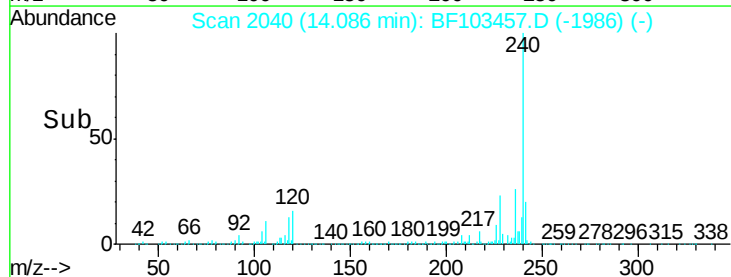
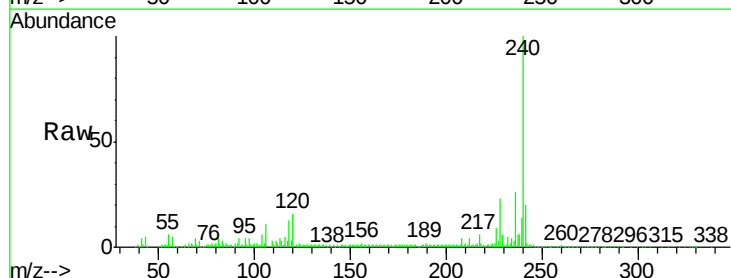
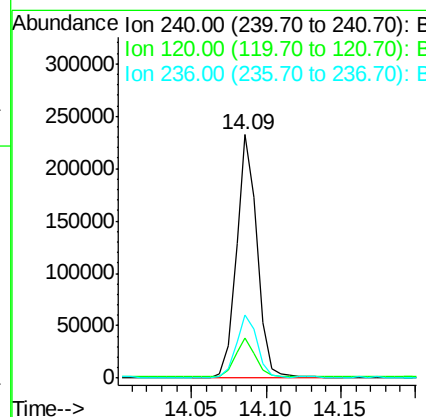
RT: 14.09 min Scan# 2040

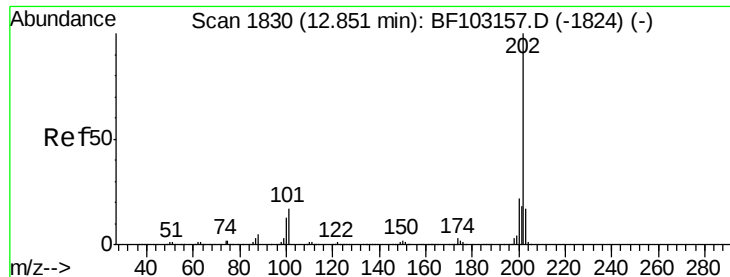
Delta R.T. 0.02 min

Lab File: BF103457.D

Acq: 6 Mar 2018 15:50

Tgt Ion:	240	Resp:	224888
Ion Ratio	Lower	Upper	
240	100		
120	16.2	9.5	14.3#
236	26.1	20.7	31.1





#77

Pvrene

Concen: 26.087 ng

RT: 12.86 min Scan# 1832

Delta R.T. 0.00 min

Lab File: BF103457.D

Acq: 6 Mar 2018 15:50

Instrument :

BNA_F

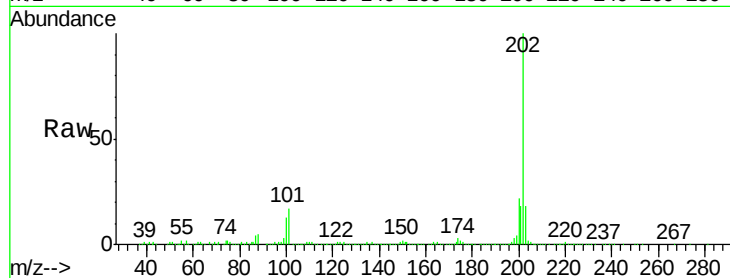
ClientSampleId :

SP-12

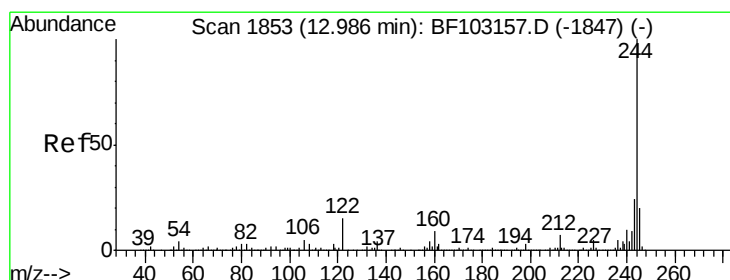
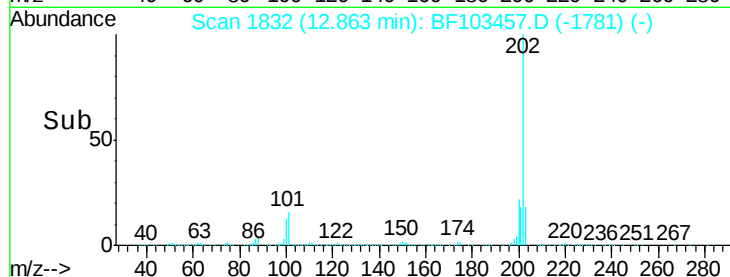
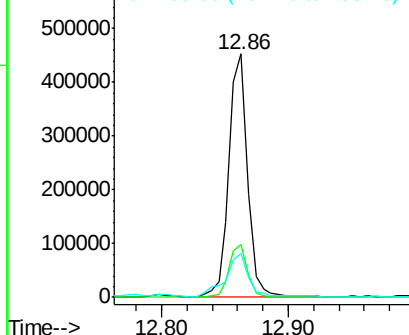
Tot Ion:	202	Resp:	457407
Ion Ratio		Lower	Upper
202	100		
200	22.0	17.4	26.2
203	18.2	14.3	21.5

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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: 73.034 ng

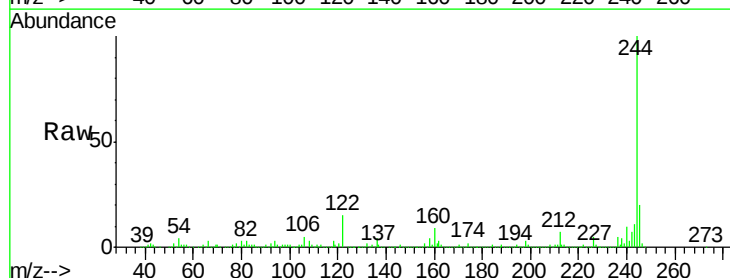
RT: 12.99 min Scan# 1854

Delta R.T. -0.01 min

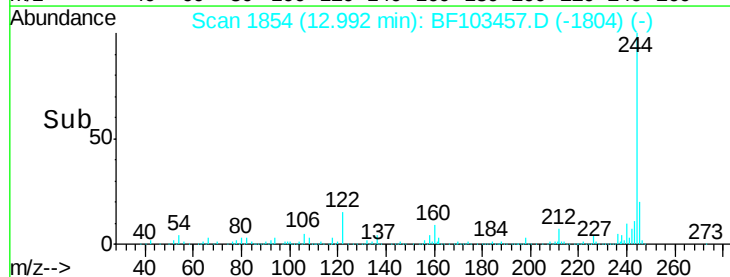
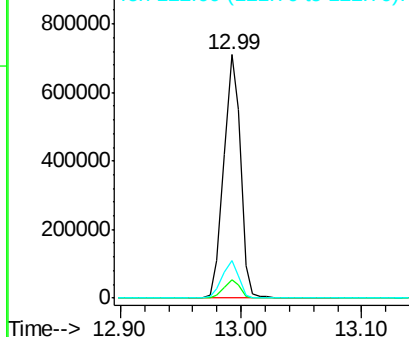
Lab File: BF103457.D

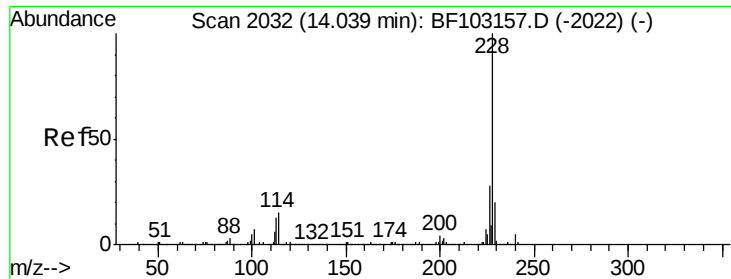
Acq: 6 Mar 2018 15:50

Tgt Ion:	244	Resp:	683252
Ion Ratio		Lower	Upper
244	100		
212	7.3	5.4	8.0
122	15.5	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





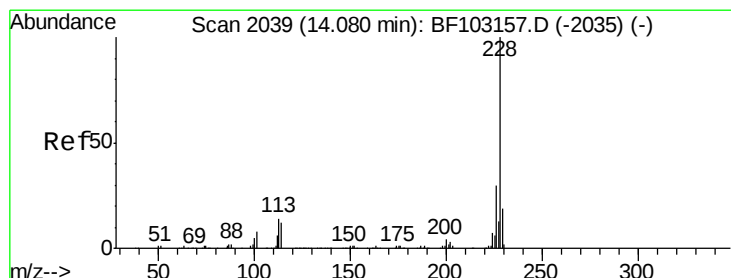
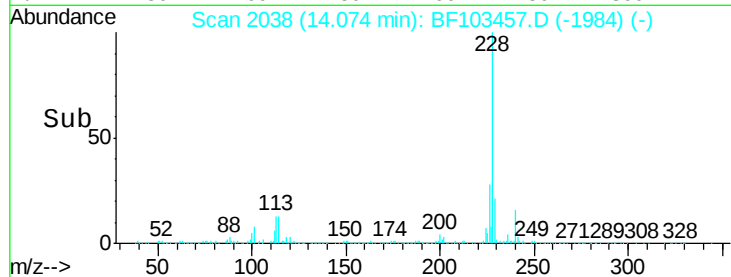
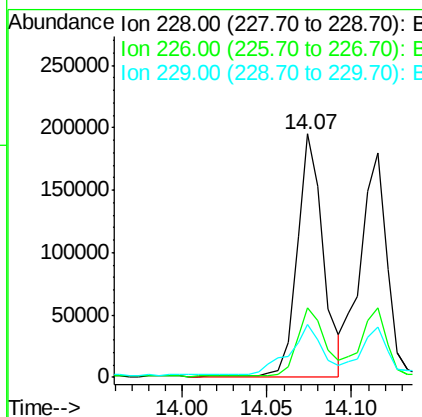
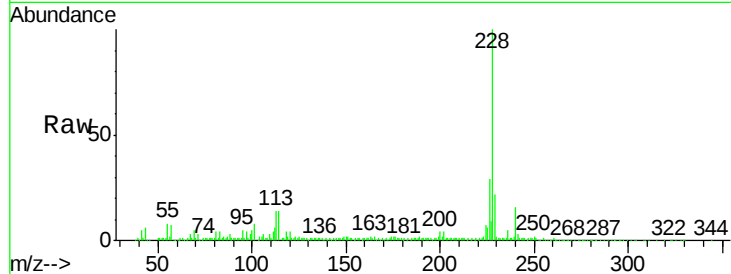
#80
Benzo(a)anthracene
Concen: 14.135 ng
RT: 14.07 min Scan# 2038
Delta R.T. 0.02 min
Lab File: BF103457.D
Acq: 6 Mar 2018 15:50

Instrument :
BNA_F
ClientSampled :
SP-12

Tot Ion	Ratio	Lower	Upper
228	100		
226	28.7	22.6	33.8
229	21.5	15.8	23.6

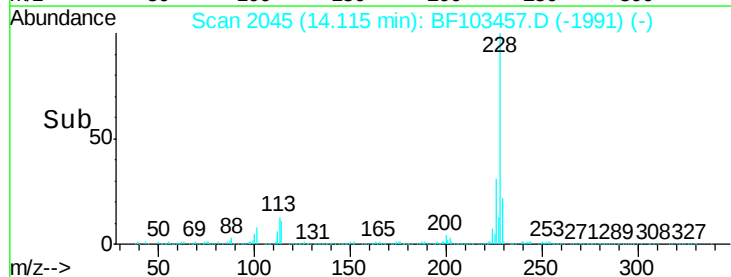
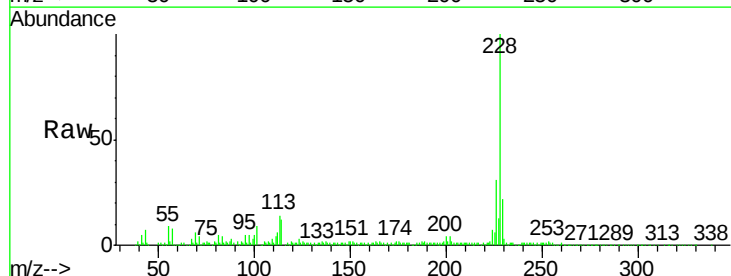
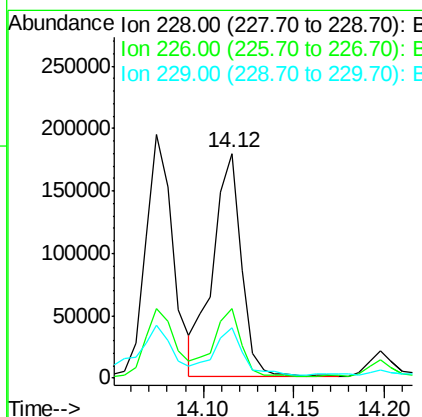
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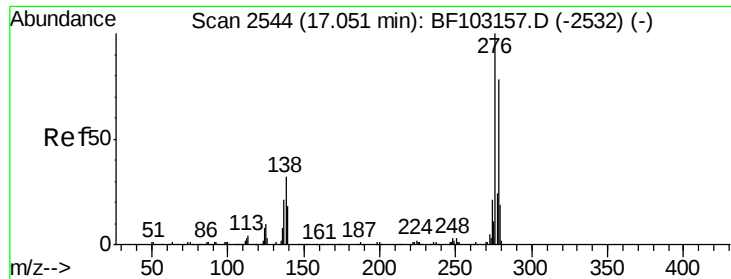
Sohil
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#82
Chrysene
Concen: 13.970 ng
RT: 14.12 min Scan# 2045
Delta R.T. 0.02 min
Lab File: BF103457.D
Acq: 6 Mar 2018 15:50

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.2	25.0	37.6
229	22.4	16.2	24.4





#85

Indeno(1,2,3-cd)pyrene

Concen: 6.301 ng

RT: 17.19 min Scan# 2568

Delta R.T. 0.06 min

Lab File: BF103457.D

Acq: 6 Mar 2018 15:50

Instrument :

BNA_F

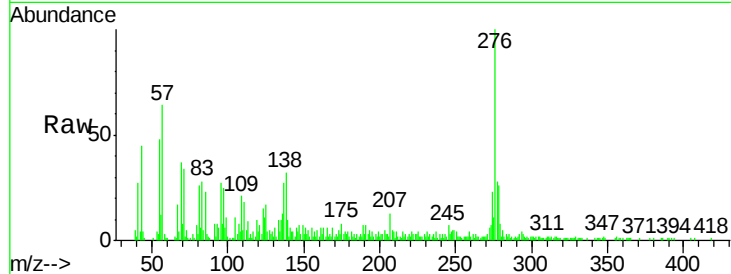
ClientSampleId :

SP-12

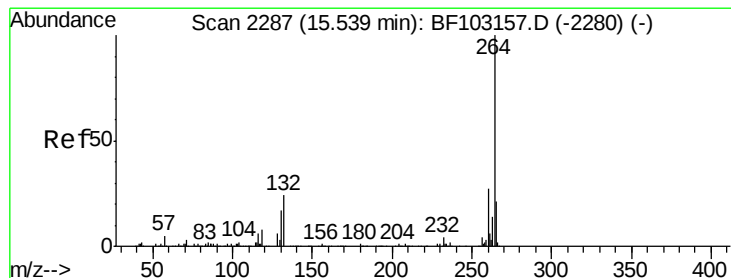
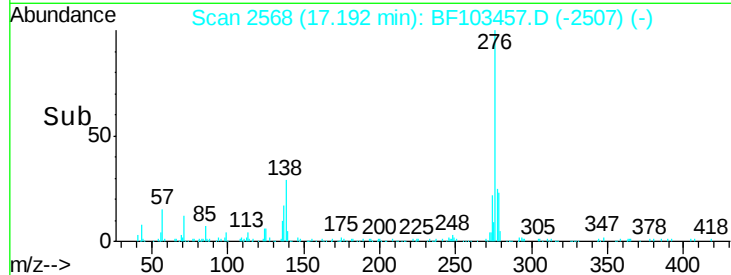
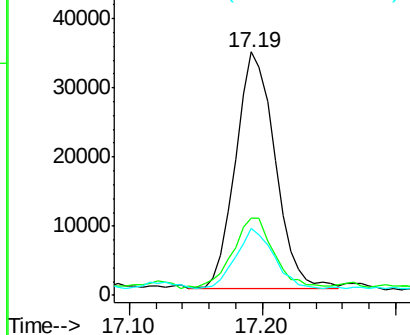
Tot Ion:	276	Resp:	70670
Ion Ratio	Lower	Upper	
276	100		
138	31.2	25.0	37.6
277	24.1	20.1	30.1

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Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.64 min Scan# 2304

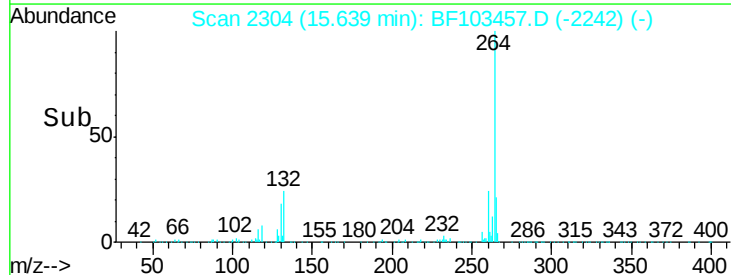
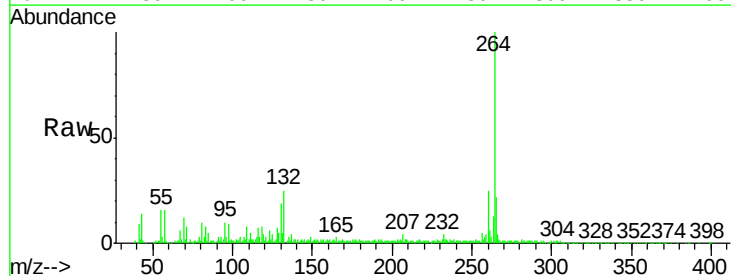
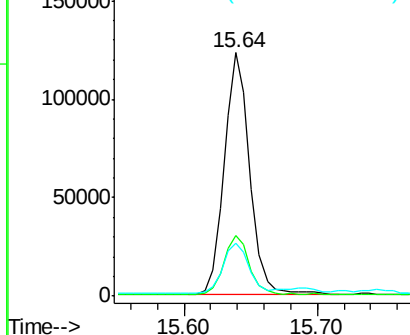
Delta R.T. 0.06 min

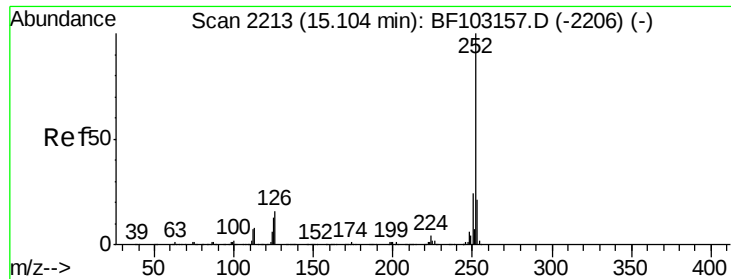
Lab File: BF103457.D

Acq: 6 Mar 2018 15:50

Tgt Ion:	264	Resp:	165527
Ion Ratio	Lower	Upper	
264	100		
260	25.0	19.2	28.8
265	21.9	17.5	26.3

Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 18.993 ng m

RT: 15.19 min Scan# 2228

Delta R.T. 0.06 min

Lab File: BF103457.D

Acq: 6 Mar 2018 15:50

Instrument :

BNA_F

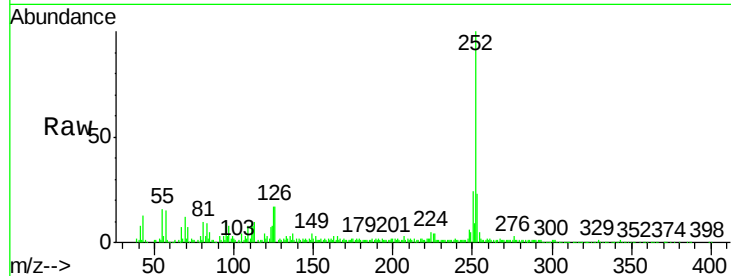
ClientSampleId :

SP-12

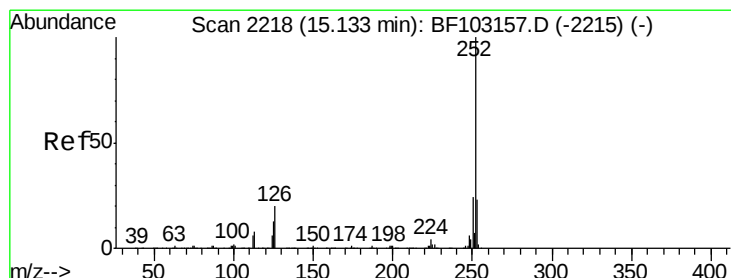
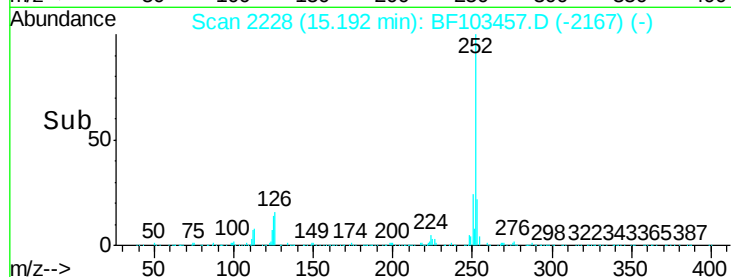
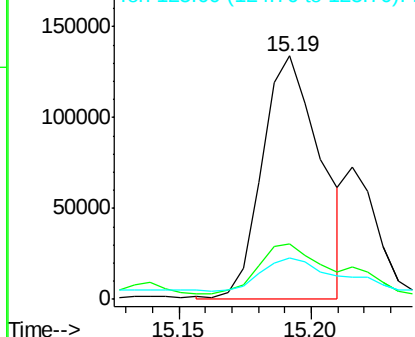
Tot Ion:	252	Resp:	206704
Ion Ratio	Lower	Upper	
252	100		
253	22.9	17.0	25.6
125	17.1	9.0	13.6#

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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: 6.376 ng m

RT: 15.22 min Scan# 2232

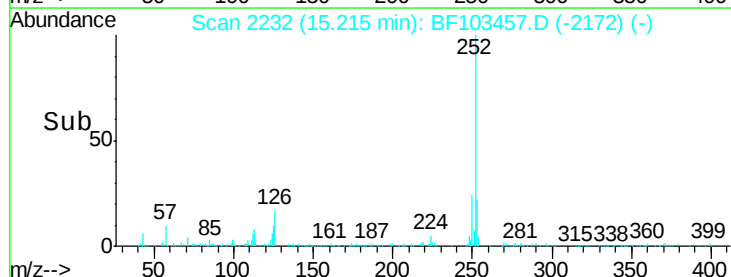
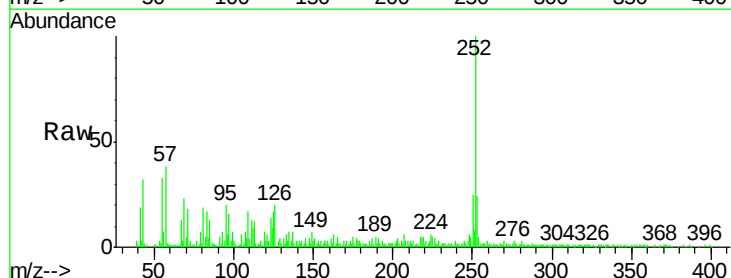
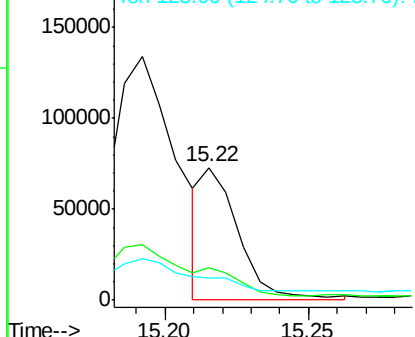
Delta R.T. 0.05 min

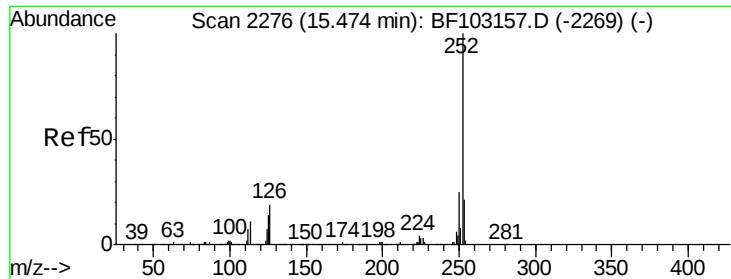
Lab File: BF103457.D

Acq: 6 Mar 2018 15:50

Tgt Ion:	252	Resp:	65344
Ion Ratio	Lower	Upper	
252	100		
253	24.1	17.9	26.9
125	17.0	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





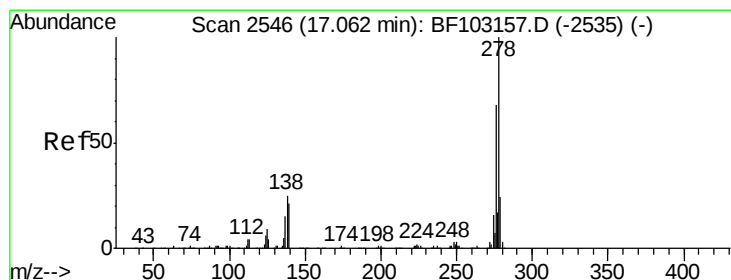
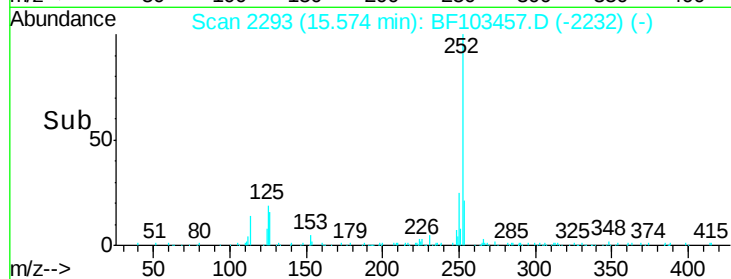
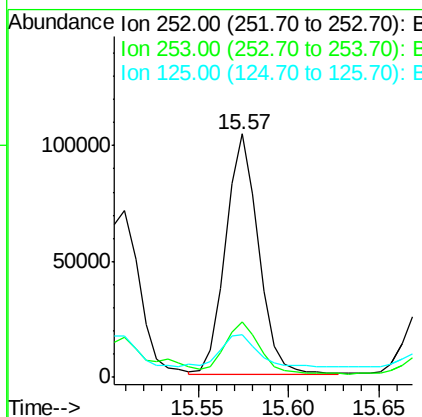
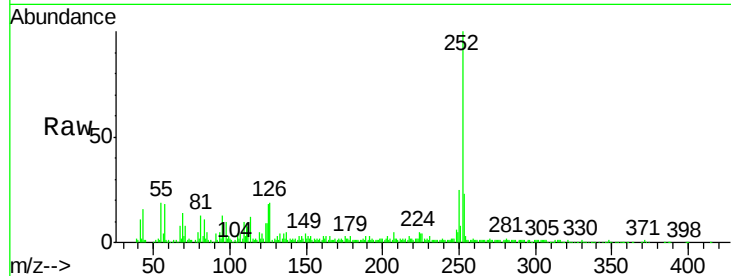
#89
Benzo(a)pyrene
Concen: 13.529 ng
RT: 15.57 min Scan# 2293
Delta R.T. 0.06 min
Lab File: BF103457.D
Acq: 6 Mar 2018 15:50

Instrument :
BNA_F
ClientSampled :
SP-12

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.1	25.7
125	17.6	9.8	14.6

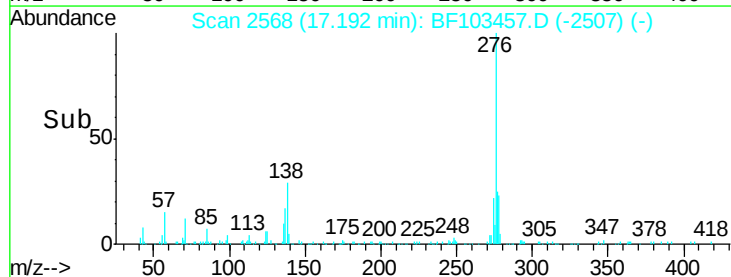
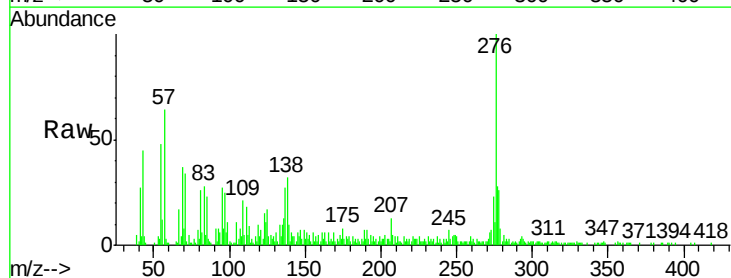
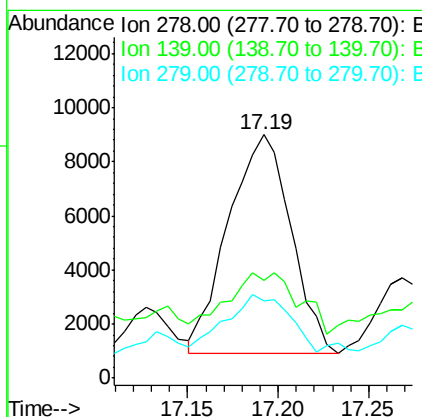
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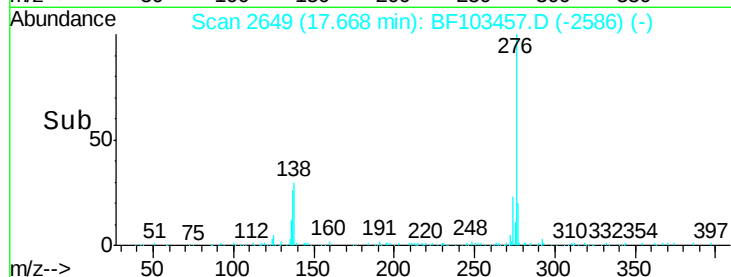
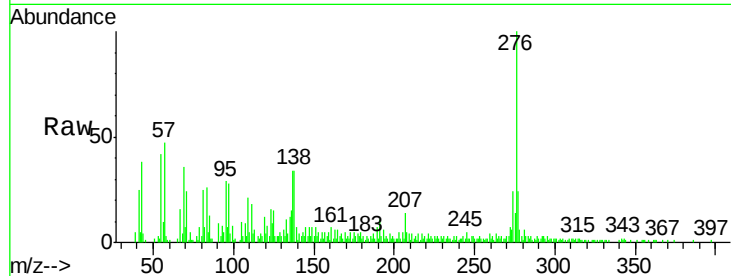
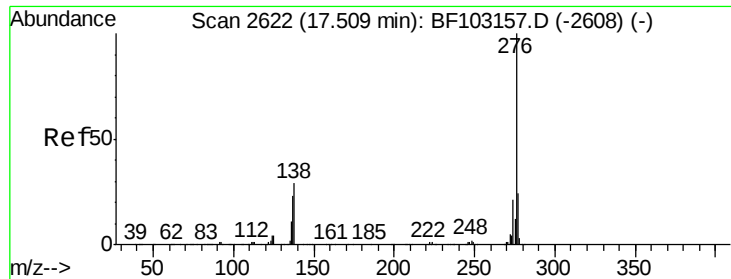
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#90
Dibenzo(a,h)anthracene
Concen: 2.589 ng
RT: 17.19 min Scan# 2568
Delta R.T. 0.06 min
Lab File: BF103457.D
Acq: 6 Mar 2018 15:50

Tgt Ion	Ratio	Lower	Upper
278	100		
139	40.1	15.9	23.9
279	31.5	19.0	28.4





#91
Benzo(a,h,i)perylene
Concen: 9.740 ng
RT: 17.67 min Scan# 2649
Delta R.T. 0.07 min
Lab File: BF103457.D
Acq: 6 Mar 2018 15:50

Instrument :
BNA_F
ClientSampleId :
SP-12

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.5	17.9	26.9
138	34.0	21.8	32.8

Manual Integrations
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