

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031418\
 Data File : BF103652.D
 Acq On : 14 Mar 2018 20:26
 Operator : SJ/JU
 Sample : J1909-01
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 1-3-RO-COMP

Manual Integrations
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 3/15/2018 6:57:43 PM

Quant Time: Mar 15 01:32:12 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 14 18:08:29 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	123165	20.00	ng	0.00
21) Naphthalene-d8	8.14	136	506060	20.00	ng	0.00
38) Acenaphthene-d10	9.90	164	196080	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	275468	20.00	ng	0.00
75) Chrysene-d12	14.06	240	219739	20.00	ng	0.00
86) Perylene-d12	15.57	264	198296	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	779547	95.73	ng	0.00
7) Phenol-d6	6.50	99	1028229	103.19	ng	0.00
23) Nitrobenzene-d5	7.43	82	648022	73.13	ng	0.00
41) 2,4,6-Tribromophenol	10.70	330	122127	73.58	ng	0.00
44) 2-Fluorobiphenyl	9.21	172	882592	75.48	ng	0.00
78) Terphenyl-d14	12.97	244	526131	57.56	ng	0.00
Target Compounds						
73) Di-n-butylphthalate	11.93	149	247684	12.786	ng	98
74) Fluoranthene	12.62	202	47940	3.147	ng	97
77) Pyrene	12.85	202	52639	3.073	ng	98
82) Chrysene	14.09	228	31024	2.241	ng	93
83) Bis(2-ethylhexyl)phthalate	13.99	149	31711	2.596	ng	97
87) Benzo(b)fluoranthene	15.13	252	35279m	2.706	ng	
89) Benzo(a)pyrene	15.51	252	25161	2.161	ng	# 84

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

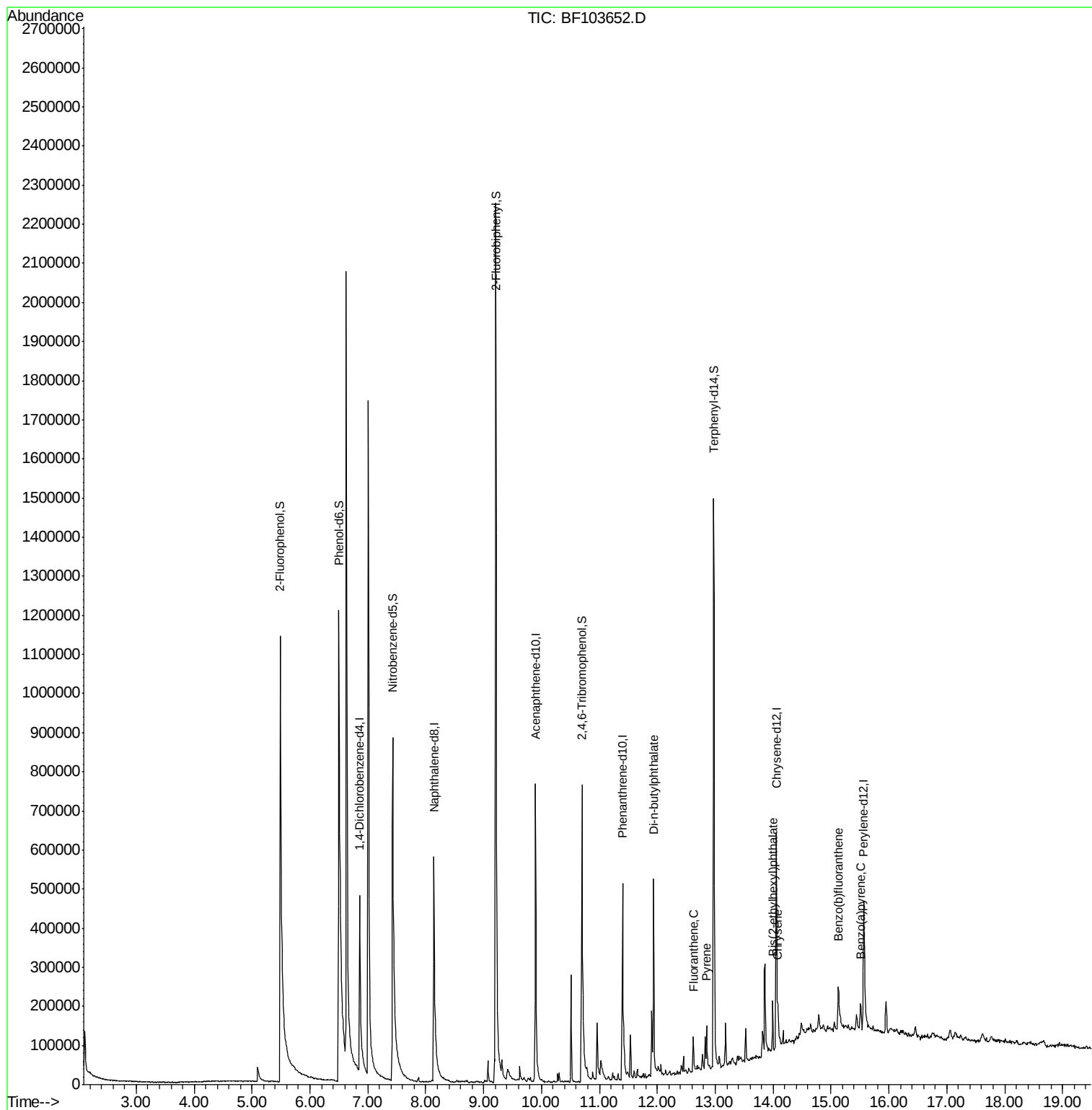
Data Path : Z:\HPCHEM1\BNA F\DATA\BF031418\
Data File : BF103652.D
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Operator : SJ/JU
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ALS Vial : 17 Sample Multiplier: 1

Instrument :
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#1

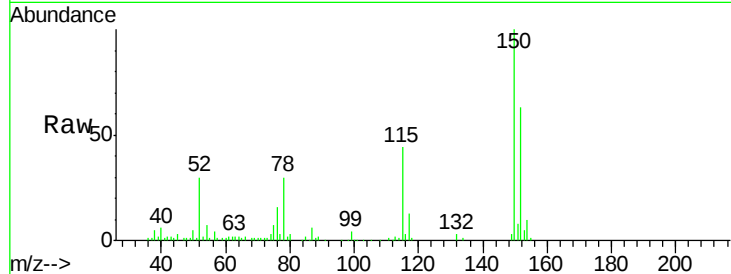
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 811
Delta R.T. -0.01 min
Lab File: BF103652.D
Acq: 14 Mar 2018 20:26

Instrument :
BNA_F
ClientSampleId :
1-3-RO-COMP

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.0	124.6	186.8
115	69.2	50.1	75.1

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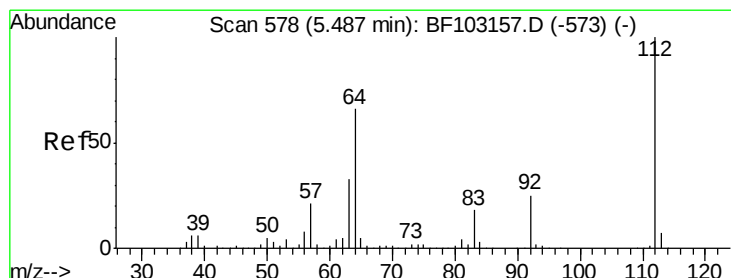
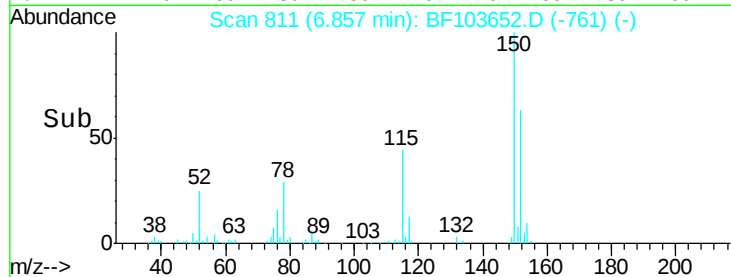
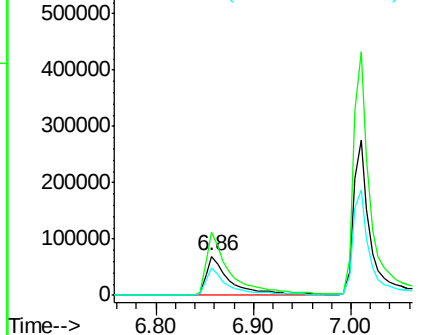


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

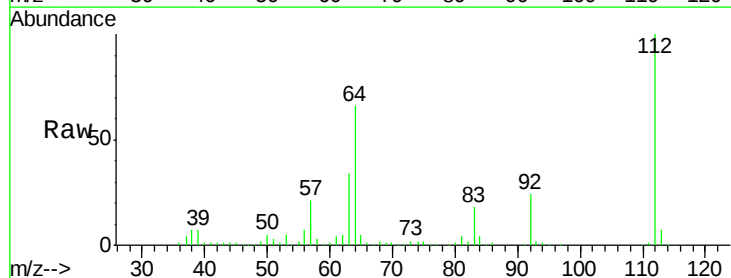
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 95.726 ng
RT: 5.49 min Scan# 578
Delta R.T. 0.00 min
Lab File: BF103652.D
Acq: 14 Mar 2018 20:26

Tgt Ion	Ratio	Lower	Upper
112	100		
64	65.7	47.9	71.9
63	33.6	23.7	35.5

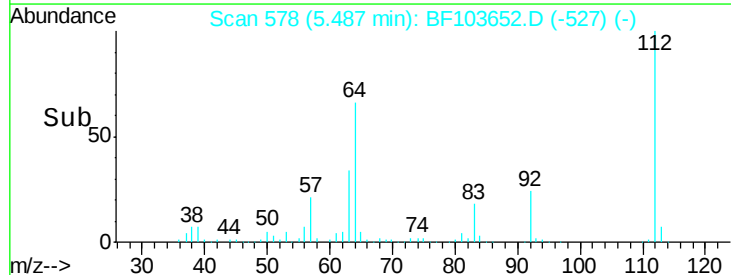
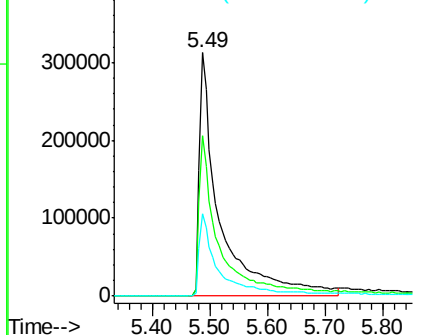


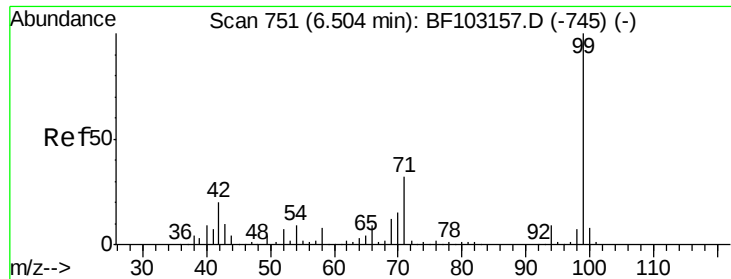
Abundance

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: 103.186 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.01 min

Lab File: BF103652.D

Acq: 14 Mar 2018 20:26

Instrument :

BNA_F

ClientSampled :

1-3-RO-COMP

Tot Ion: 99 Resp: 1028229

Ion Ratio Lower Upper

99 100

42 22.0 14.5 21.7#

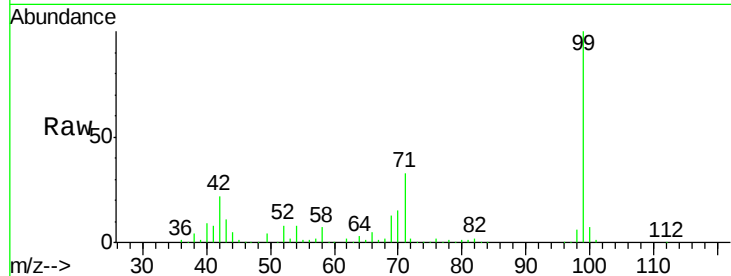
71 32.7 25.4 38.0

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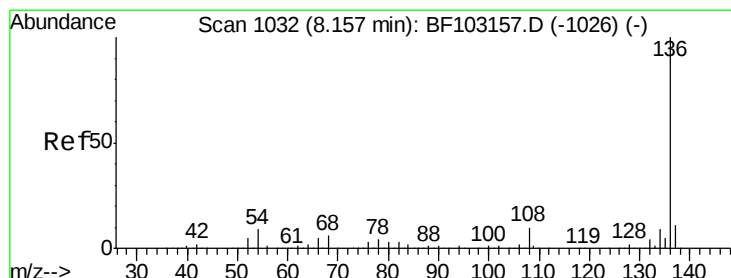
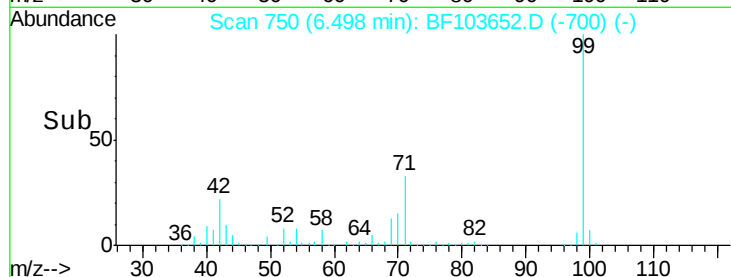
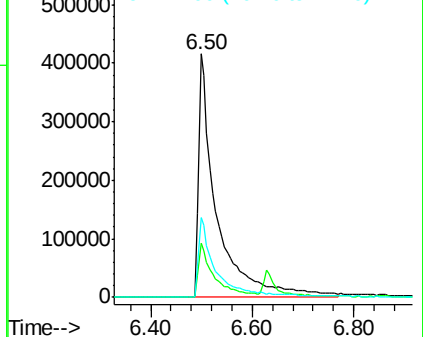
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Abundance Ion 99.00 (98.70 to 99.70): BF1

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: 8.14 min Scan# 1029

Delta R.T. 0.00 min

Lab File: BF103652.D

Acq: 14 Mar 2018 20:26

Tgt Ion: 136 Resp: 506060

Ion Ratio Lower Upper

136 100

137 11.0 8.9 13.3

54 9.2 6.6 9.8

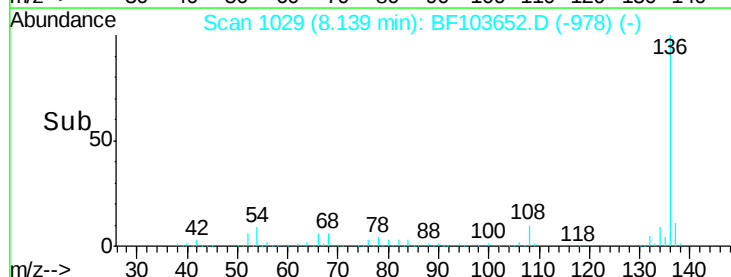
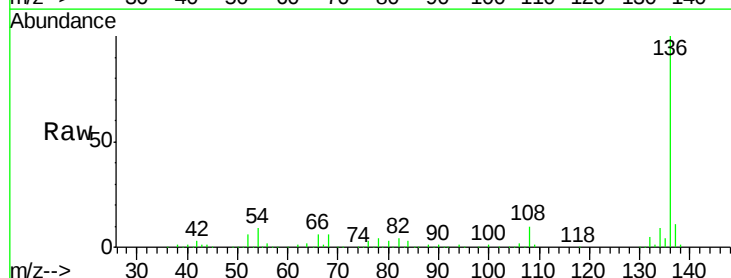
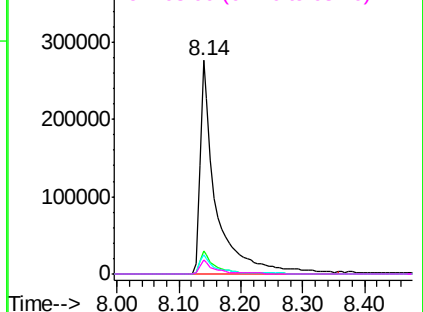
68 6.4 5.0 7.4

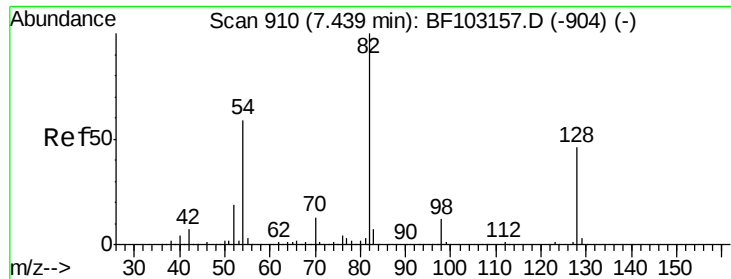
Abundance Ion 136.00 (135.70 to 136.70): E

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





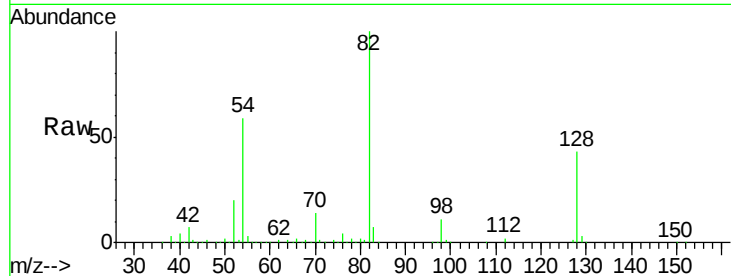
#23
 Nitrobenzene-d5
 Concen: 73.129 ng
 RT: 7.43 min Scan# 908
 Delta R.T. -0.01 min
 Lab File: BF103652.D
 Acq: 14 Mar 2018 20:26

Instrument :
 BNA_F
 ClientSampleId :
 1-3-RO-COMP

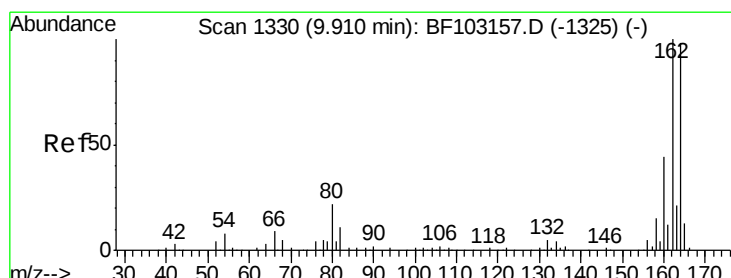
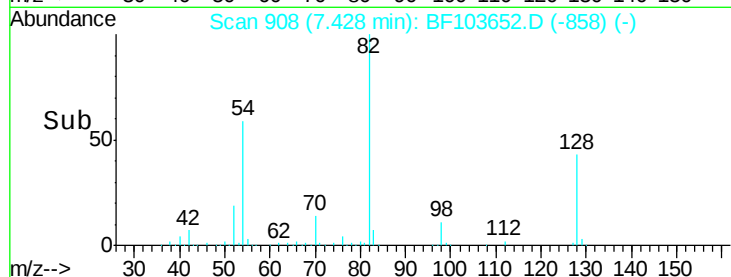
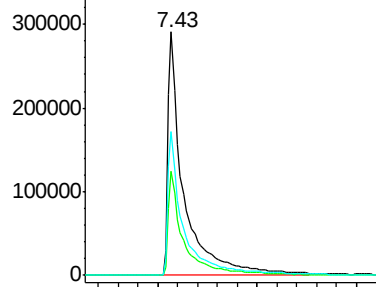
Tot Ion	Ratio	Lower	Upper
82	100		
128	43.0	36.1	54.1
54	58.9	41.4	62.2

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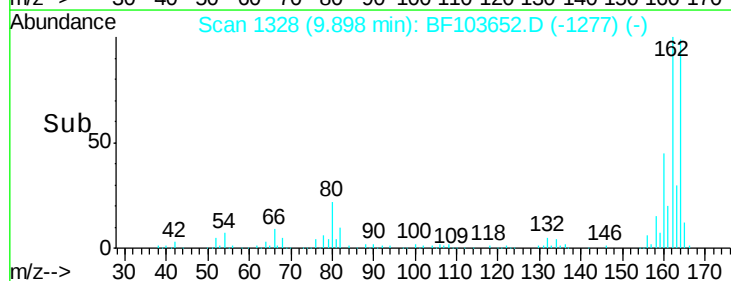
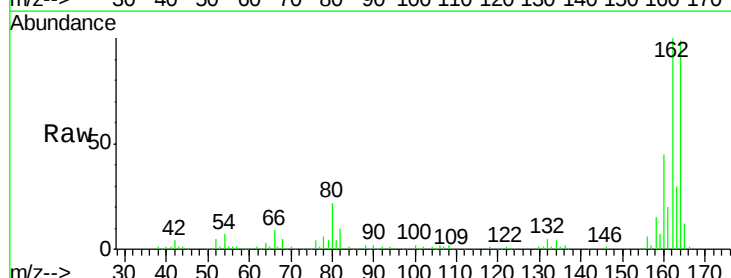
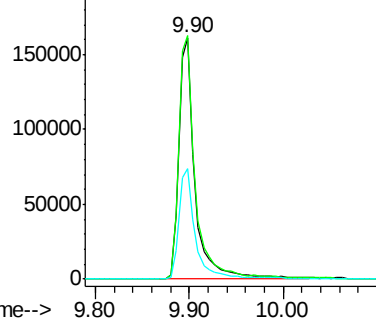
Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.90 min Scan# 1328
 Delta R.T. 0.00 min
 Lab File: BF103652.D
 Acq: 14 Mar 2018 20:26

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.0	86.1	129.1
160	45.8	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





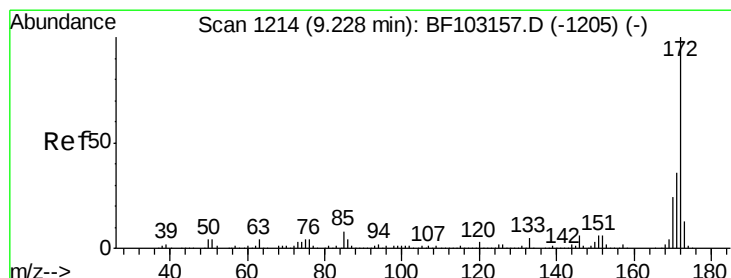
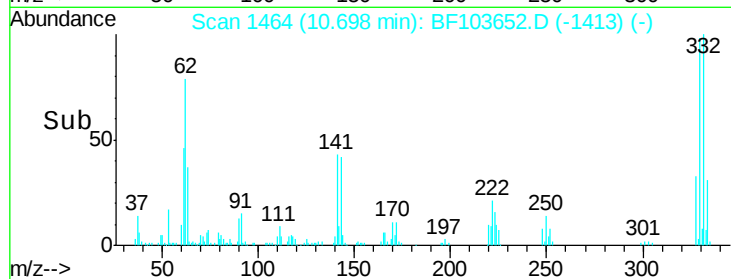
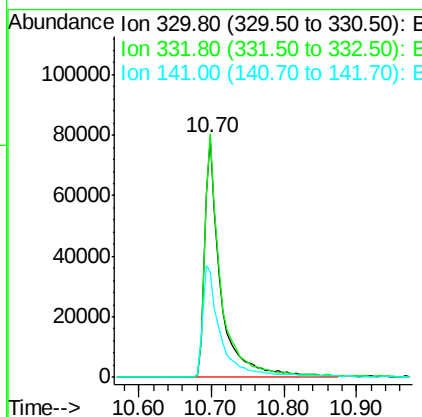
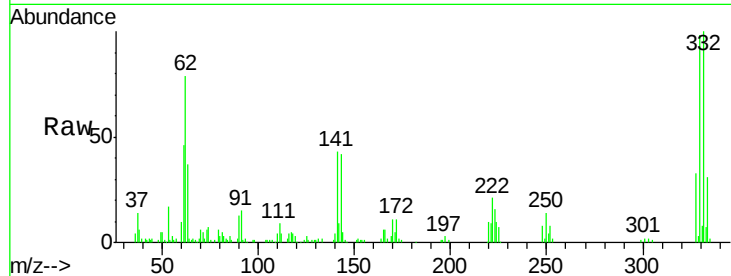
#41
 2,4,6-Tribromophenol
 Concen: 73.583 ng
 RT: 10.70 min Scan# 1464
 Delta R.T. 0.00 min
 Lab File: BF103652.D
 Acq: 14 Mar 2018 20:26

Instrument :
 BNA_F
 ClientSampleId :
 1-3-RO-COMP

Tot Ion	Ratio	Resp	Lower	Upper
330	100	122127		
332	100.4	77.0	115.6	
141	51.6	29.9	44.9	

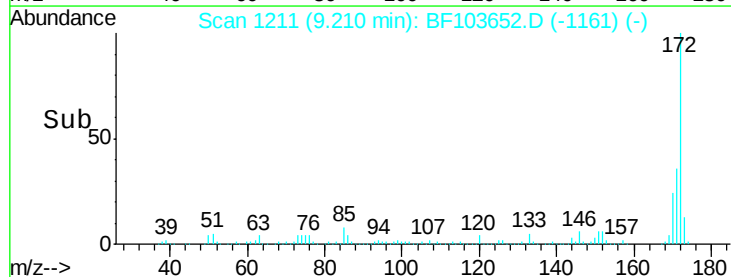
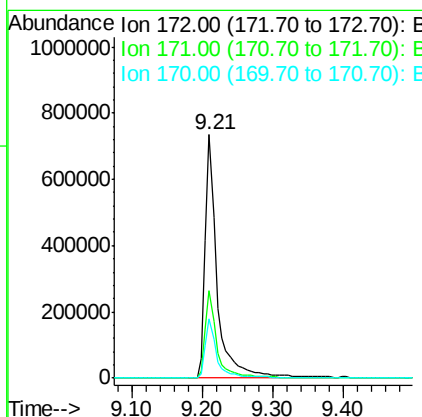
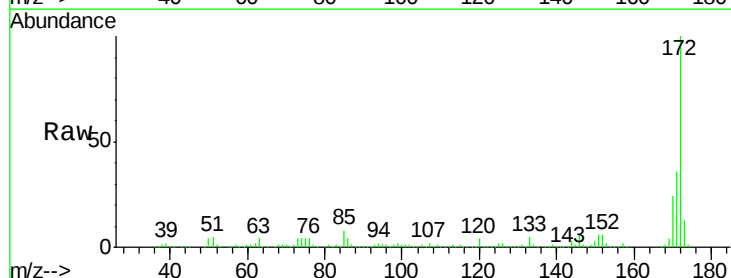
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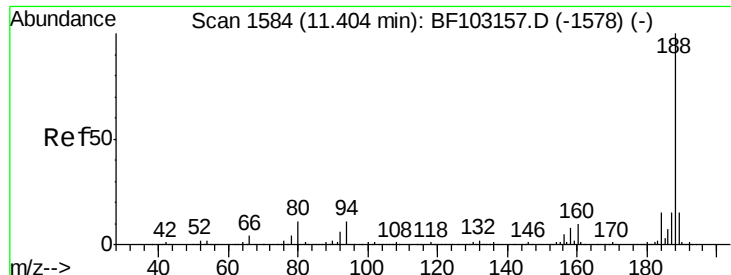
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#44
 2-Fluorobiphenyl
 Concen: 75.484 ng
 RT: 9.21 min Scan# 1211
 Delta R.T. -0.01 min
 Lab File: BF103652.D
 Acq: 14 Mar 2018 20:26

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	882592		
171	35.9	29.7	44.5	
170	24.4	19.6	29.4	





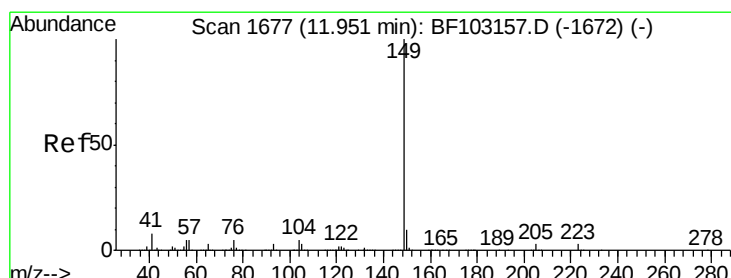
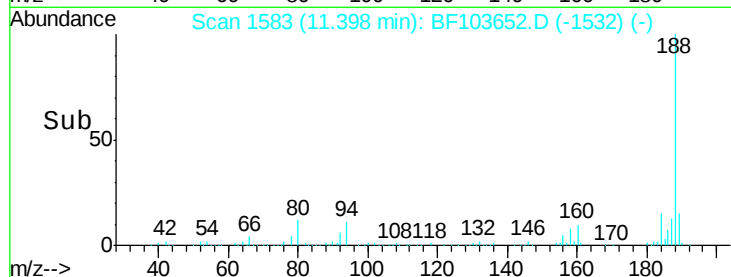
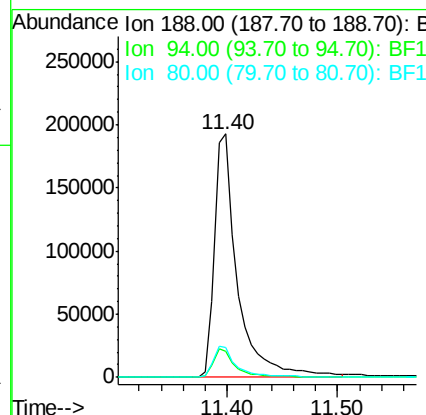
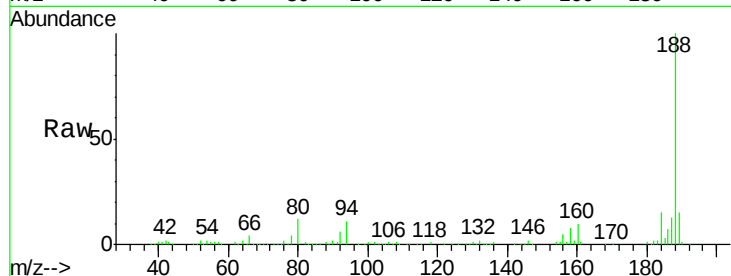
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.40 min Scan# 1583
 Delta R.T. 0.00 min
 Lab File: BF103652.D
 Acq: 14 Mar 2018 20:26

Instrument :
 BNA_F
 ClientSampleId :
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Tot Ion	Ratio	Resp	Lower	Upper
188	100	275468		
94	10.8		8.5	12.7
80	12.3		9.2	13.8

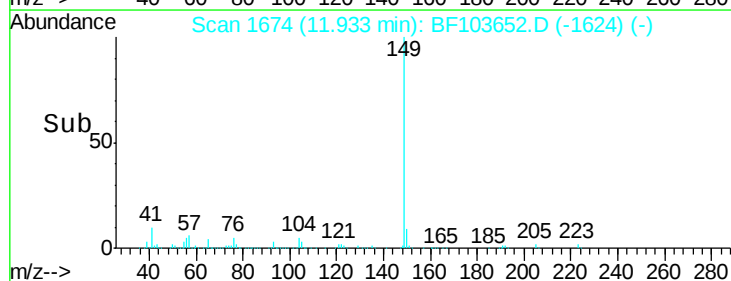
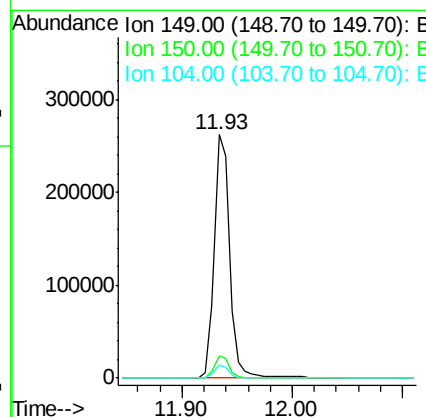
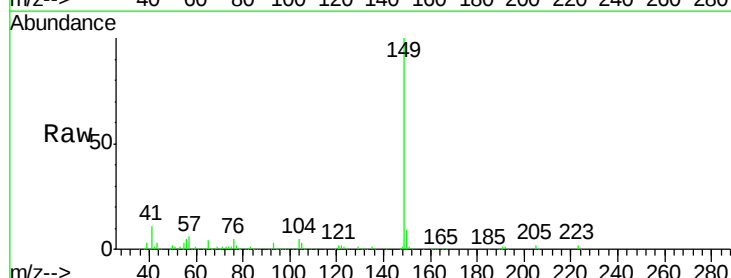
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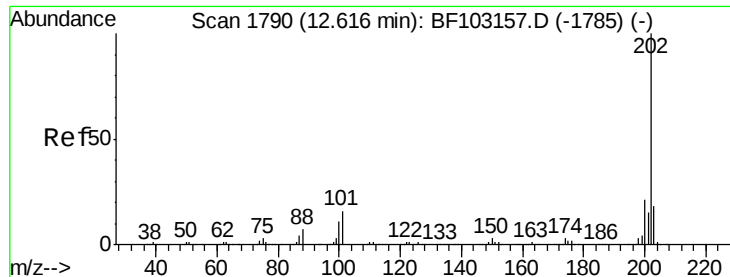
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#73
 Di-n-butylphthalate
 Concen: 12.786 ng
 RT: 11.93 min Scan# 1674
 Delta R.T. -0.01 min
 Lab File: BF103652.D
 Acq: 14 Mar 2018 20:26

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	247684		
150	9.1		7.8	11.6
104	5.4		3.8	5.8





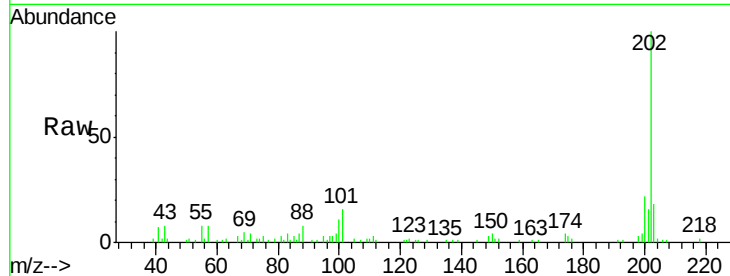
#74
 Fluoranthene
 Concen: 3.147 ng
 RT: 12.62 min Scan# 1791
 Delta R.T. 0.01 min
 Lab File: BF103652.D
 Acq: 14 Mar 2018 20:26

Instrument :
 BNA_F
 ClientSampleId :
 1-3-RO-COMP

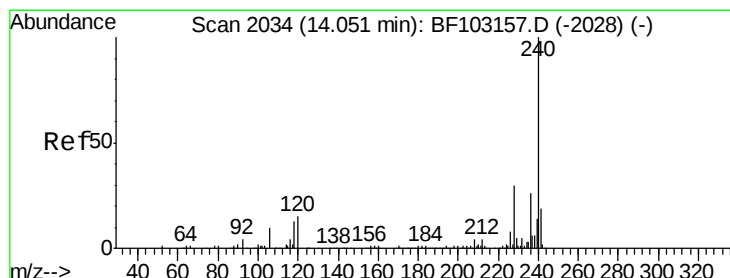
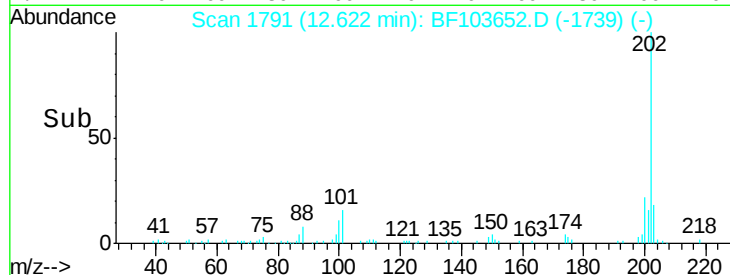
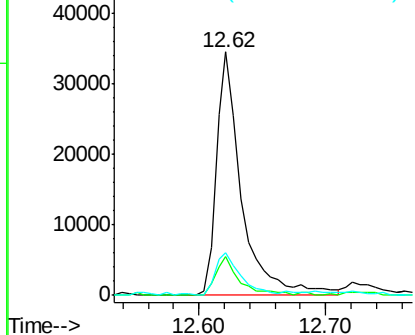
Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	16.1	0.0	34.1
203	17.8	0.0	38.1

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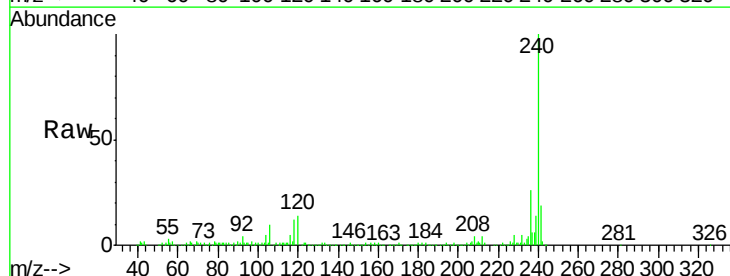


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E

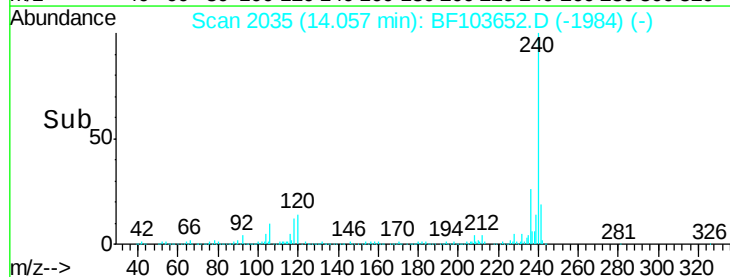
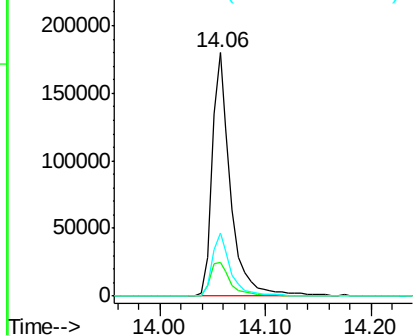


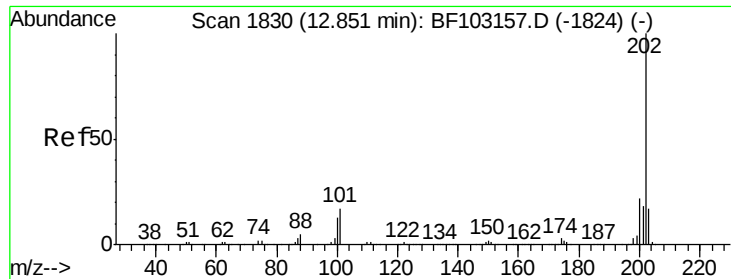
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.06 min Scan# 2035
 Delta R.T. 0.00 min
 Lab File: BF103652.D
 Acq: 14 Mar 2018 20:26

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	14.1	9.5	14.3
236	25.8	20.7	31.1



Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E





#77

Pvrene

Concen: 3.073 ng

RT: 12.85 min Scan# 1830

Delta R.T. 0.01 min

Lab File: BF103652.D

Acq: 14 Mar 2018 20:26

Instrument :

BNA_F

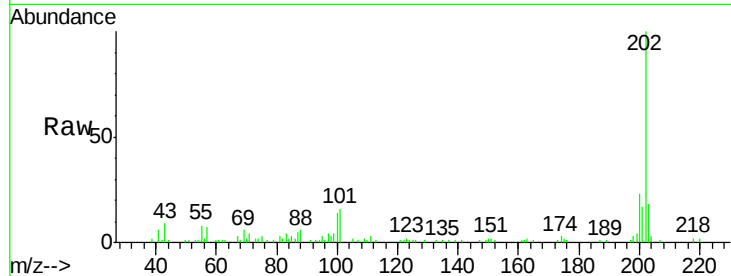
ClientSampled :

1-3-RO-COMP

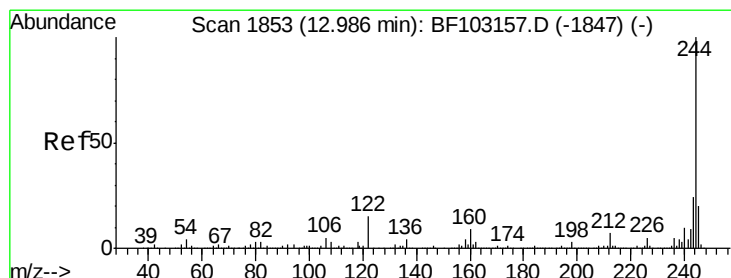
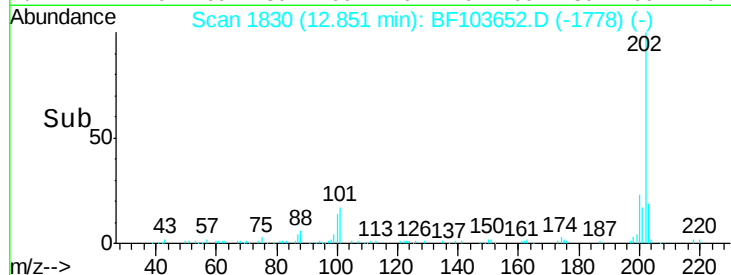
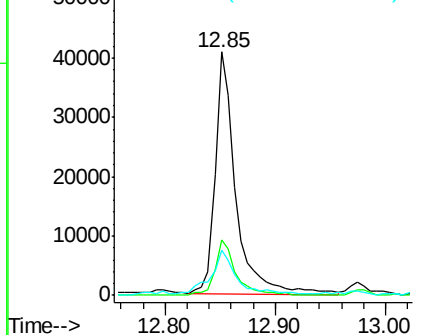
Tot Ion:	202	Resp:	52639
Ion Ratio	Lower	Upper	
202	100		
200	22.7	17.4	26.2
203	18.4	14.3	21.5

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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: 57.557 ng

RT: 12.97 min Scan# 1851

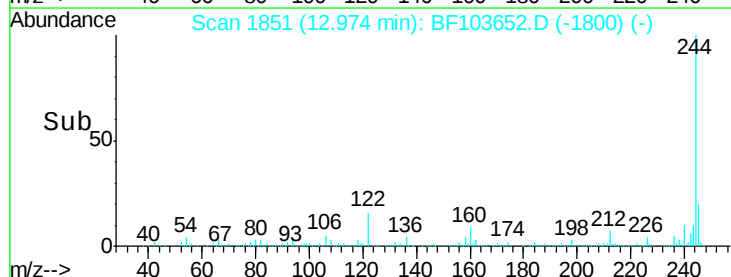
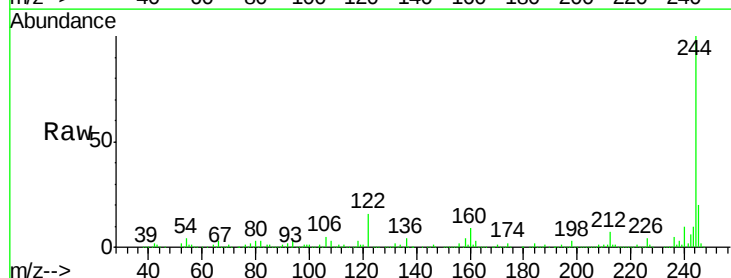
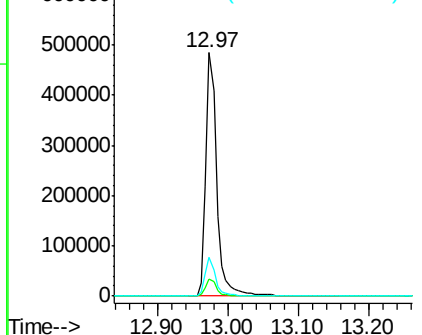
Delta R.T. 0.00 min

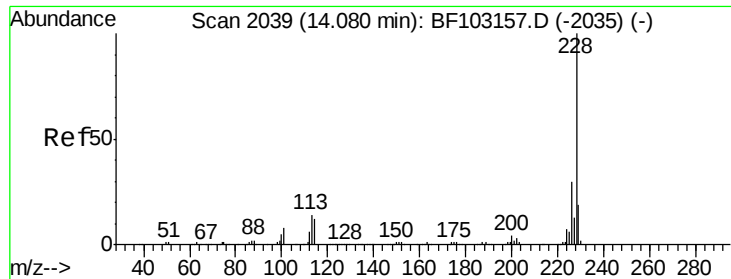
Lab File: BF103652.D

Acq: 14 Mar 2018 20:26

Tgt Ion:	244	Resp:	526131
Ion Ratio	Lower	Upper	
244	100		
212	7.3	5.4	8.0
122	15.9	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





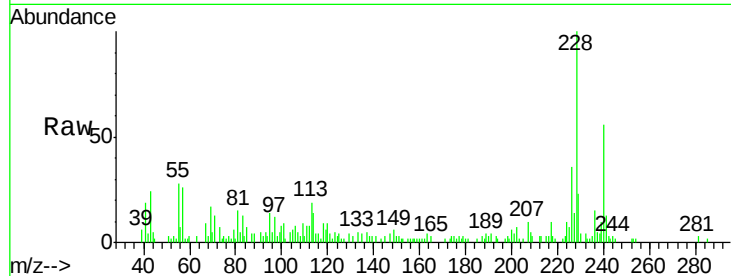
#82
 Chrvsene
 Concen: 2.241 ng
 RT: 14.09 min Scan# 2040
 Delta R.T. 0.01 min
 Lab File: BF103652.D
 Acq: 14 Mar 2018 20:26

Instrument :
 BNA_F
 ClientSampleId :
 1-3-RO-COMP

Tot Ion	Ratio	Lower	Upper
228	100		
226	36.2	25.0	37.6
229	22.5	16.2	24.4

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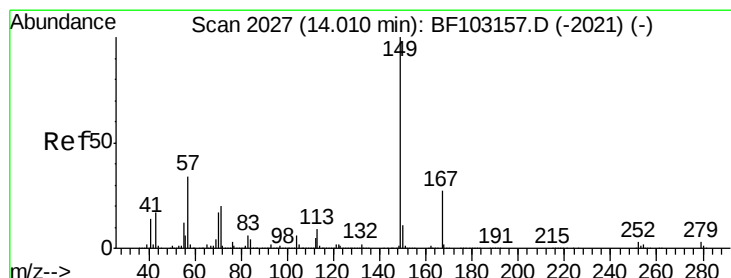
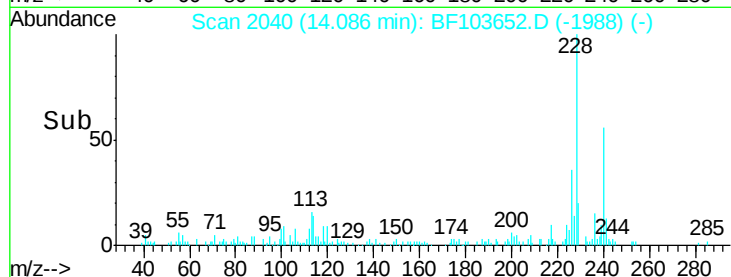
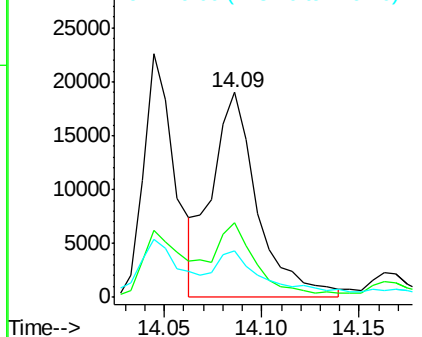


Abundance

Ion 228.00 (227.70 to 228.70): E

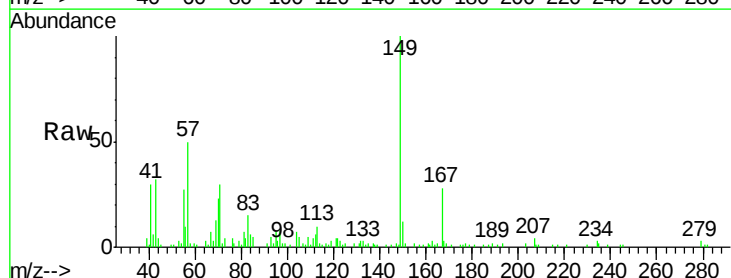
Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#83
 Bis(2-ethylhexyl)phthalate
 Concen: 2.596 ng
 RT: 13.99 min Scan# 2024
 Delta R.T. 0.00 min
 Lab File: BF103652.D
 Acq: 14 Mar 2018 20:26

Tgt Ion	Ratio	Lower	Upper
149	100		
167	28.4	21.3	31.9
279	3.0	3.0	4.4

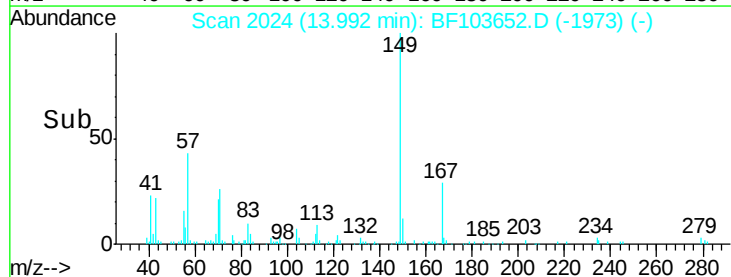
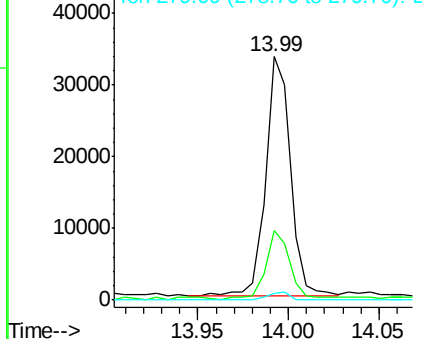


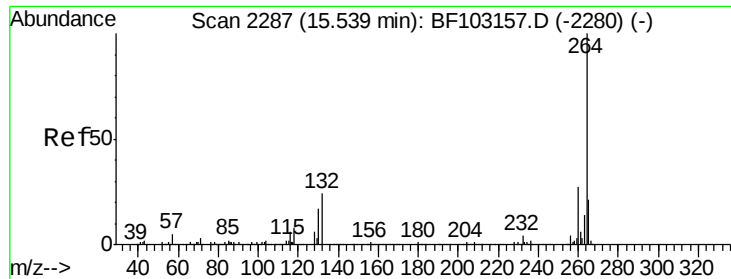
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





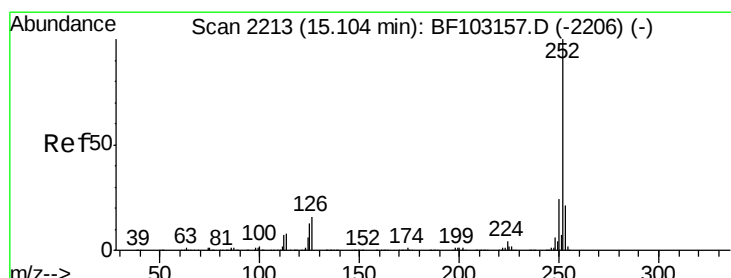
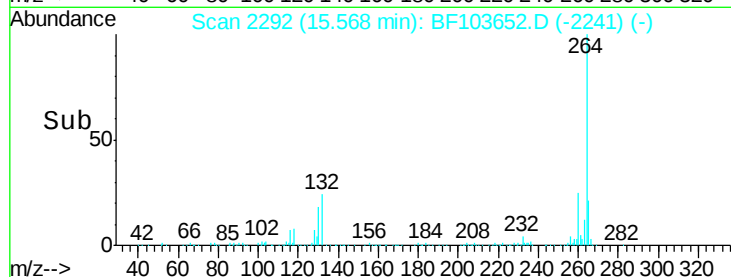
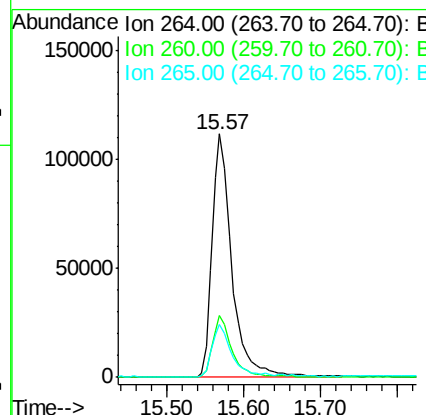
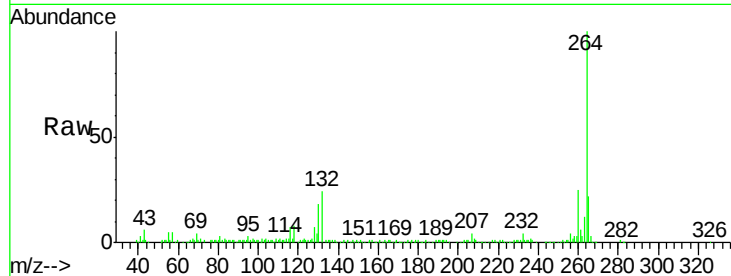
#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.57 min Scan# 2292
Delta R.T. 0.00 min
Lab File: BF103652.D
Acq: 14 Mar 2018 20:26

Instrument :
BNA_F
ClientSampleId :
1-3-RO-COMP

Tot Ion	Ratio	Lower	Upper
264	100		
260	25.4	19.2	28.8
265	21.6	17.5	26.3

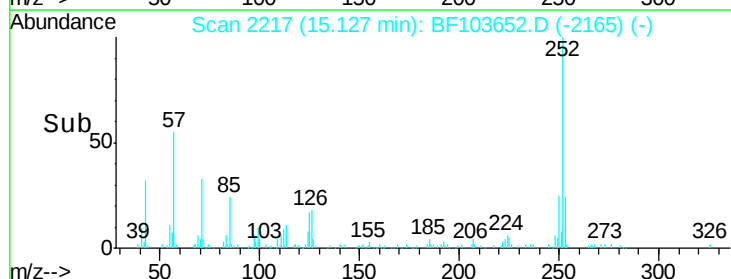
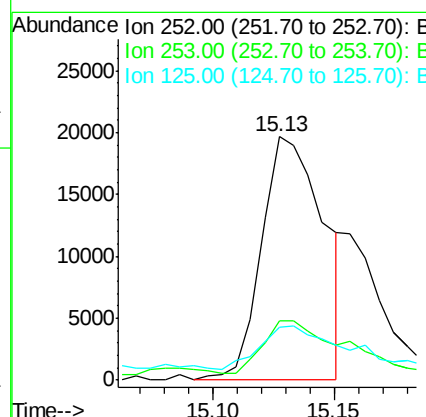
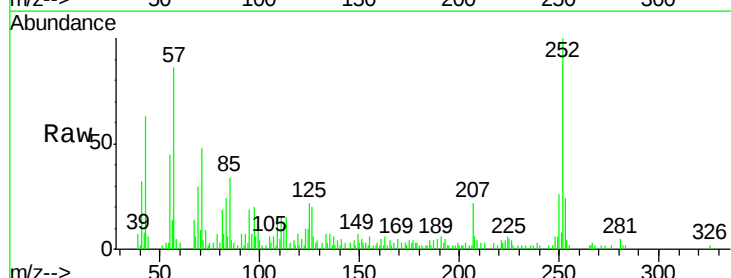
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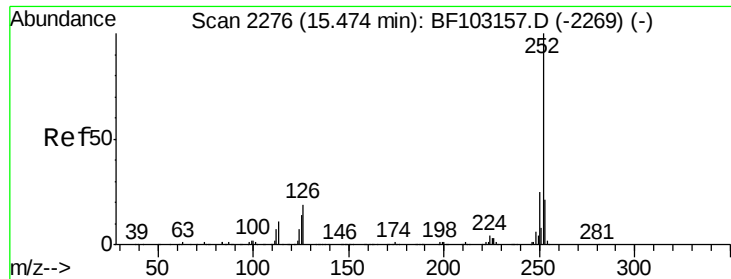
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#87
Benzo(b)fluoranthene
Concen: 2.706 ng m
RT: 15.13 min Scan# 2217
Delta R.T. 0.01 min
Lab File: BF103652.D
Acq: 14 Mar 2018 20:26

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.2	17.0	25.6
125	21.7	9.0	13.6#





#89
 Benzo(a)pyrene
 Concen: 2.161 ng
 RT: 15.51 min Scan# 2282
 Delta R.T. 0.01 min
 Lab File: BF103652.D
 Acq: 14 Mar 2018 20:26

Instrument :
 BNA_F
 ClientSampleId :
 1-3-RO-COMP

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.5	17.1	25.7
125	25.2	9.8	14.6

Manual Integrations
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