

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF040218\
 Data File : BF104159.D
 Acq On : 3 Apr 2018 4:24
 Operator : JU/SJ
 Sample : J2121-08
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PA-05-COMP

Manual Integrations
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Quant Time: Apr 03 06:44:33 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 02 13:40:00 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	102467	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	421364	20.00	ng	0.00
38) Acenaphthene-d10	10.00	164	178528	20.00	ng	0.00
63) Phenanthrene-d10	11.49	188	273488	20.00	ng	0.00
75) Chrysene-d12	14.15	240	219419	20.00	ng	0.00
86) Perylene-d12	15.70	264	173040	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	508016	79.07	ng	0.01
7) Phenol-d6	6.60	99	708364	89.61	ng	0.00
23) Nitrobenzene-d5	7.52	82	440627	63.95	ng	0.00
41) 2,4,6-Tribromophenol	10.79	330	143859	72.37	ng	0.00
44) 2-Fluorobiphenyl	9.31	172	860186	75.98	ng	0.00
78) Terphenyl-d14	13.08	244	594296	62.54	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	9.70	163	50059	3.551	ng	98
59) Diethylphthalate	10.40	149	27549	2.040	ng	98
70) Phenanthrene	11.52	178	95899	6.477	ng	98
71) Anthracene	11.57	178	31408m	2.031	ng	
73) Di-n-butylphthalate	12.03	149	70338	4.000	ng	100
74) Fluoranthene	12.72	202	162118	10.300	ng	97
77) Pyrene	12.94	202	154852	9.817	ng	97
80) Benzo(a)anthracene	14.14	228	86678	6.313	ng	95
82) Chrysene	14.18	228	78159	5.812	ng	97
83) Bis(2-ethylhexyl)phthalate	14.10	149	108151	11.264	ng	99
85) Indeno(1,2,3-cd)pyrene	17.29	276	36293	2.604	ng	# 88
87) Benzo(b)fluoranthene	15.24	252	91890m	8.726	ng	
88) Benzo(k)fluoranthene	15.26	252	39204m	3.952	ng	
89) Benzo(a)pyrene	15.63	252	66336	6.797	ng	# 89
91) Benzo(a,h,i)perylene	17.78	276	35992	3.983	ng	93

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

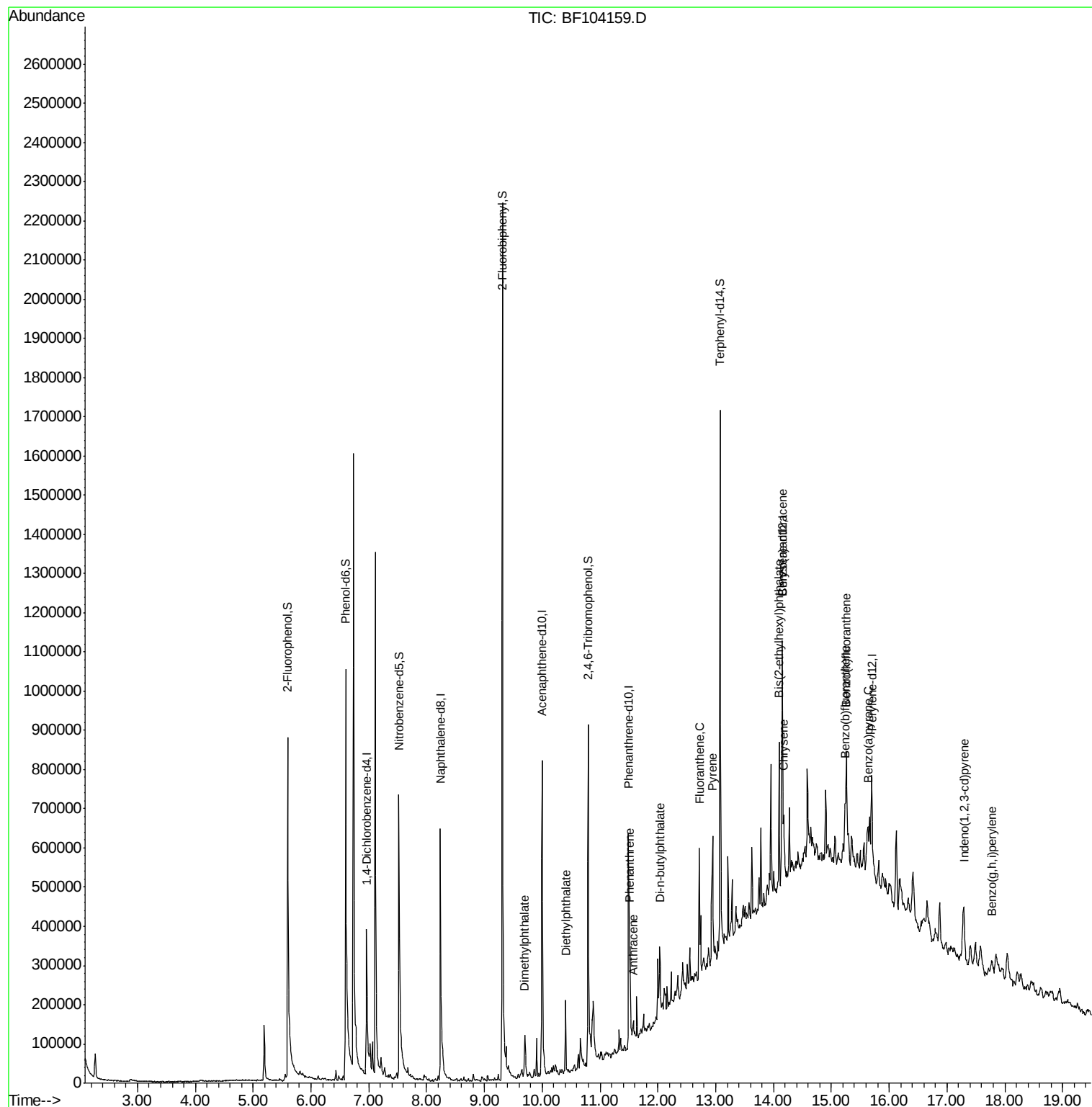
Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF040218\
Data File : BF104159.D
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#1

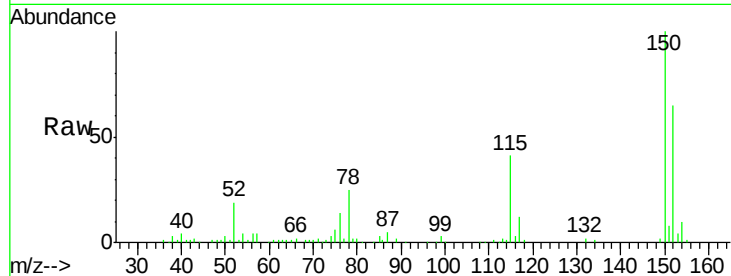
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.96 min Scan# 828
 Delta R.T. -0.01 min
 Lab File: BF104159.D
 Acq: 3 Apr 2018 4:24

Instrument :
 BNA_F
 ClientSampleId :
 PA-05-COMP

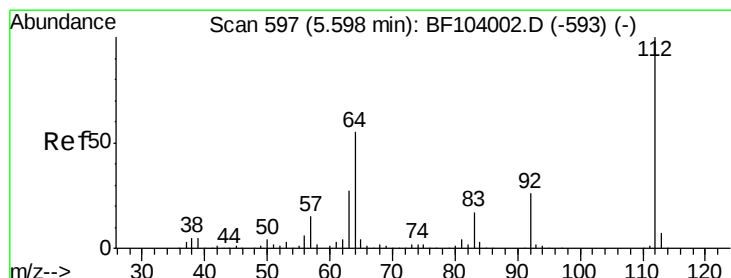
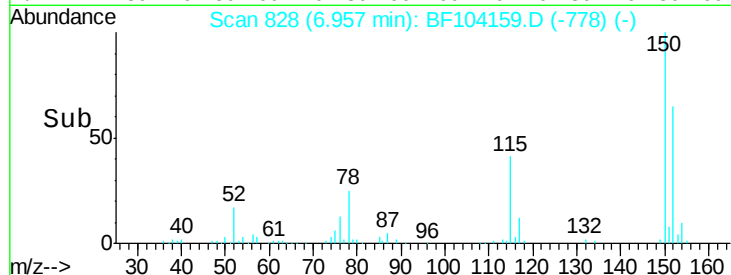
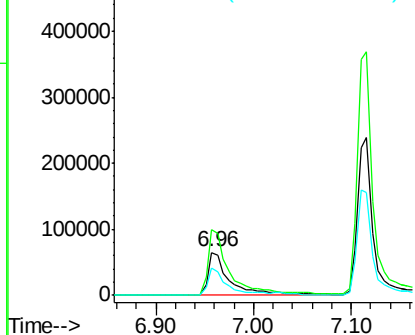
Tot Ion	Ratio	Lower	Upper
152	100		
150	153.4	124.6	186.8
115	63.0	50.1	75.1

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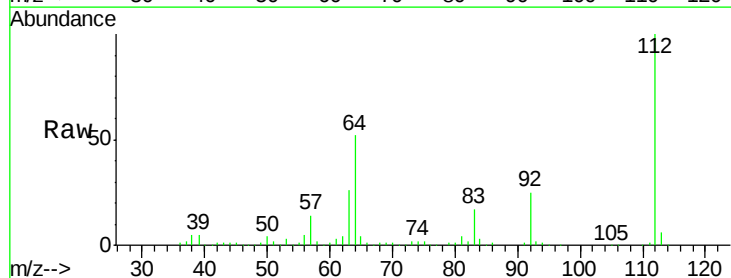
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



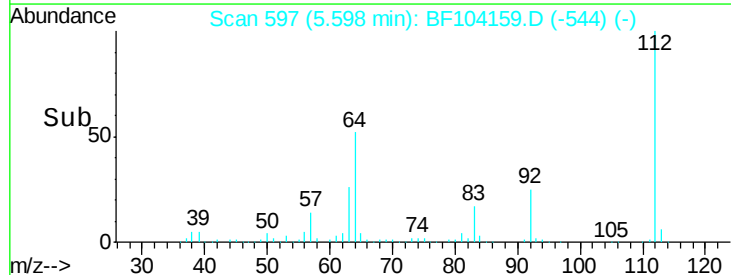
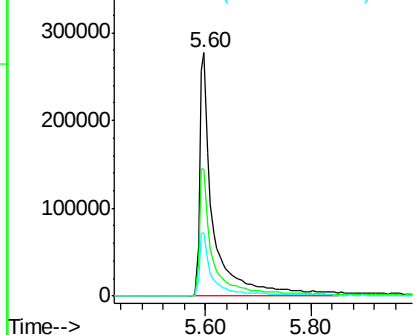
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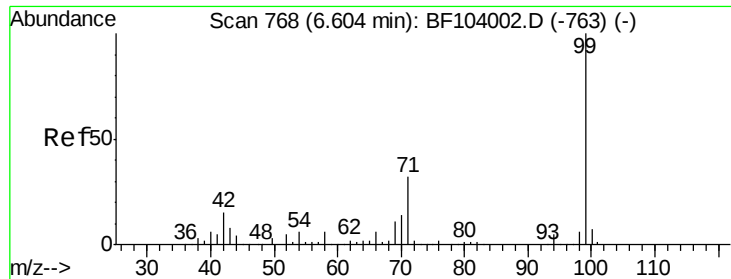
2-Fluorophenol
 Concen: 79.065 ng
 RT: 5.60 min Scan# 597
 Delta R.T. 0.01 min
 Lab File: BF104159.D
 Acq: 3 Apr 2018 4:24

Tgt Ion	Ratio	Lower	Upper
112	100		
64	52.3	47.9	71.9
63	26.2	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: 89.609 ng

RT: 6.60 min Scan# 767

Delta R.T. -0.00 min

Lab File: BF104159.D

Acq: 3 Apr 2018 4:24

Instrument :

BNA_F

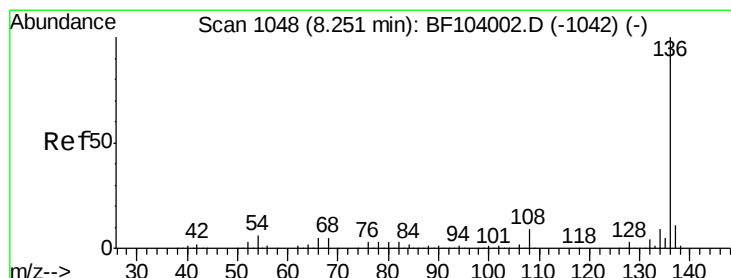
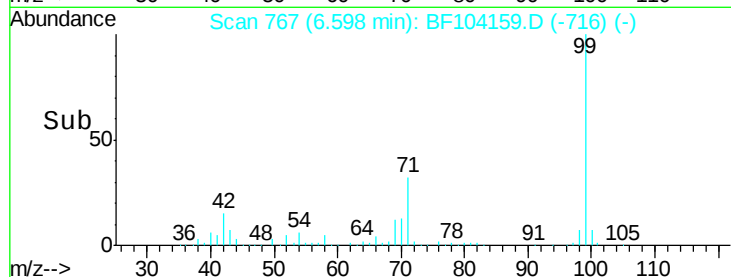
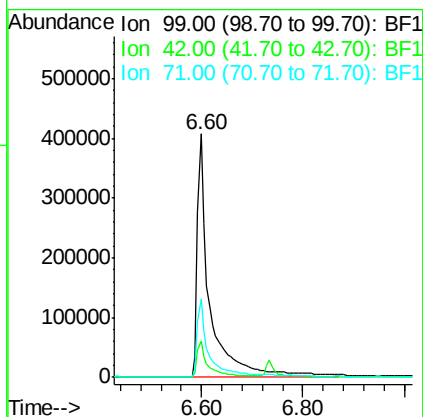
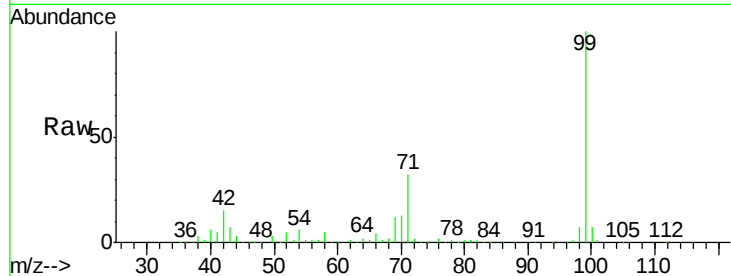
ClientSampled :

PA-05-COMP

Tot Ion:	99	Resp:	708364
Ion Ratio	Lower	Upper	
99	100		
42	14.8	14.5	21.7
71	32.5	25.4	38.0

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#21

Naphthalene-d8

Concen: 20.000 ng

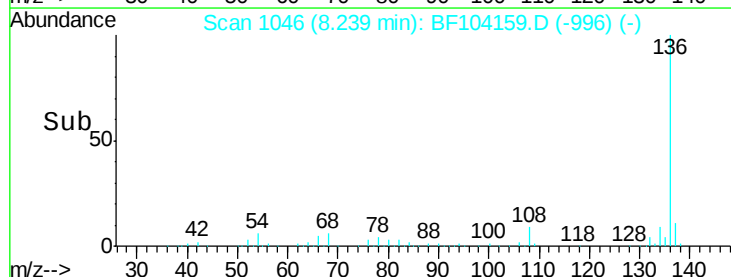
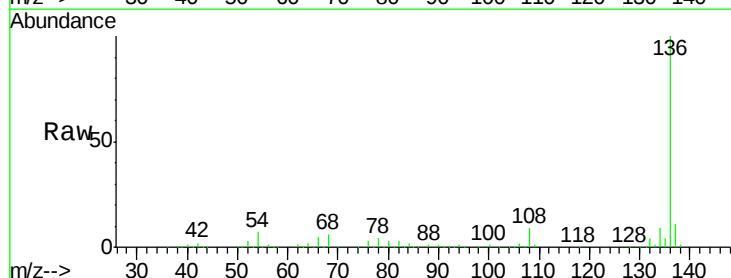
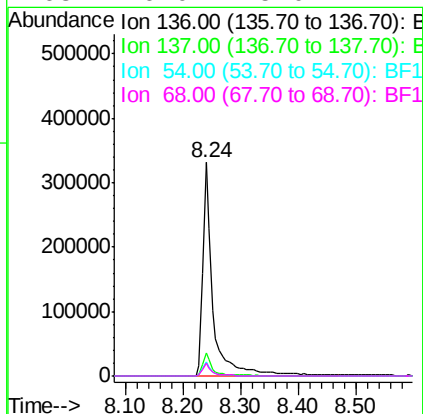
RT: 8.24 min Scan# 1046

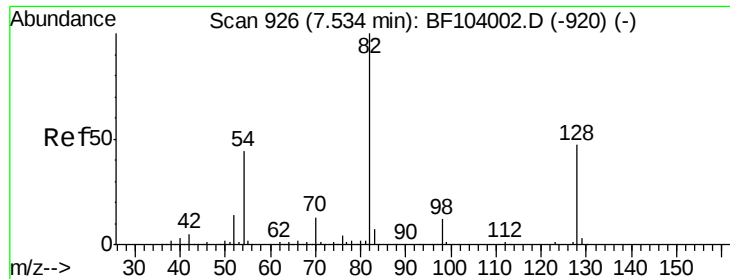
Delta R.T. -0.01 min

Lab File: BF104159.D

Acq: 3 Apr 2018 4:24

Tgt Ion:	136	Resp:	421364
Ion Ratio	Lower	Upper	
136	100		
137	11.1	8.9	13.3
54	6.5	6.6	9.8
68	6.0	5.0	7.4





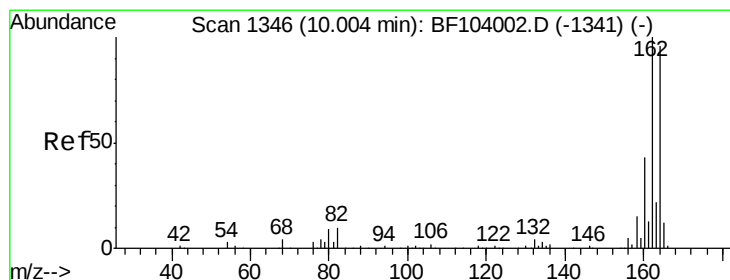
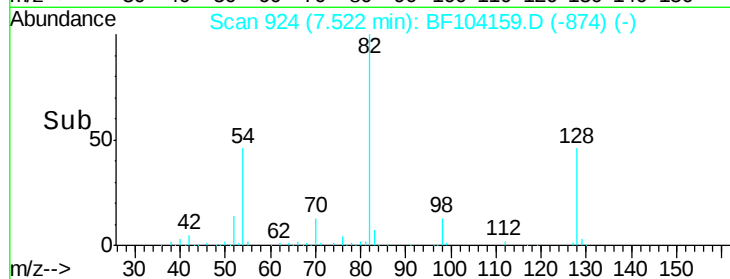
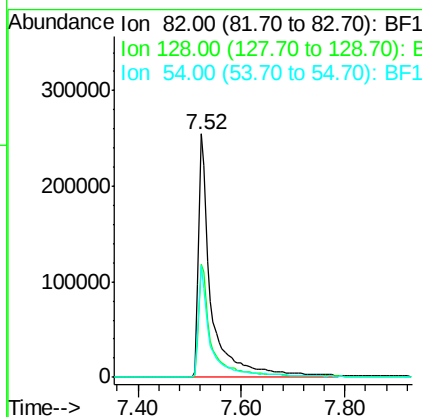
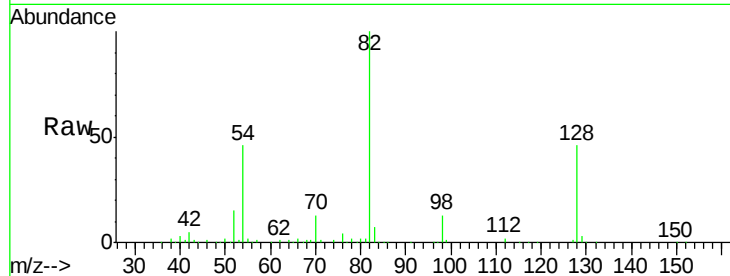
#23
 Nitrobenzene-d5
 Concen: 63.951 ng
 RT: 7.52 min Scan# 924
 Delta R.T. -0.01 min
 Lab File: BF104159.D
 Acq: 3 Apr 2018 4:24

Instrument :
 BNA_F
 ClientSampleId :
 PA-05-COMP

Tot Ion	82	Resp	440627
Ion Ratio	100	Lower	Upper
82	100		
128	46.3	36.1	54.1
54	46.1	41.4	62.2

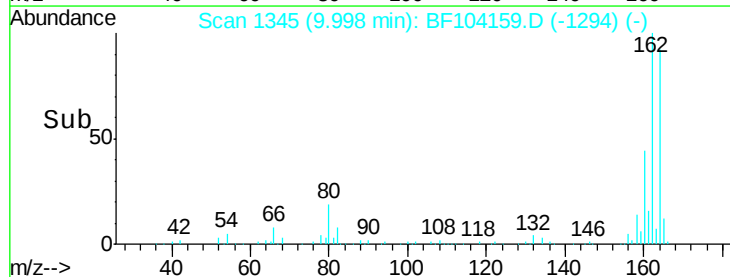
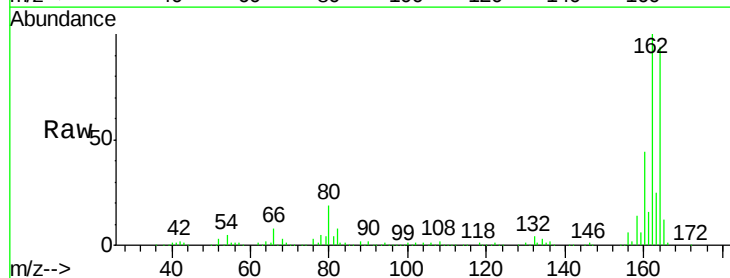
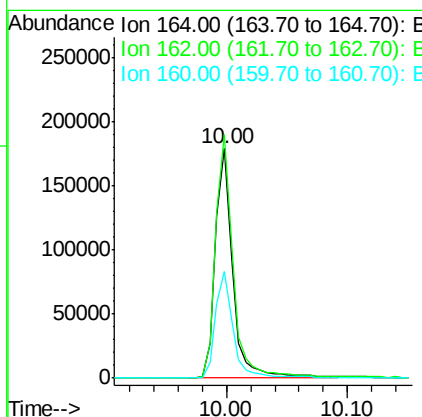
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#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.00 min Scan# 1345
 Delta R.T. -0.00 min
 Lab File: BF104159.D
 Acq: 3 Apr 2018 4:24

Tgt Ion	164	Resp	178528
Ion Ratio	100	Lower	Upper
164	100		
162	106.1	86.1	129.1
160	46.5	38.3	57.5





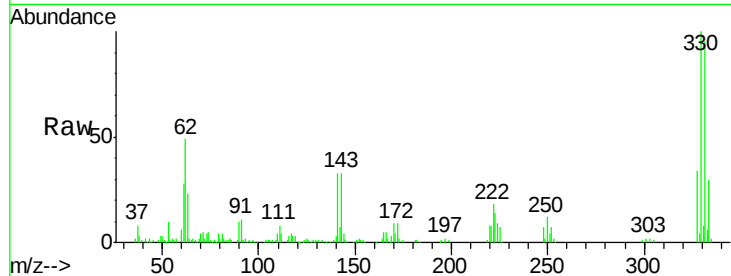
#41
 2,4,6-Tribromophenol
 Concen: 72.367 ng
 RT: 10.79 min Scan# 1480
 Delta R.T. -0.01 min
 Lab File: BF104159.D
 Acq: 3 Apr 2018 4:24

Instrument :
 BNA_F
 ClientSampleId :
 PA-05-COMP

Tot Ion	Ratio	Resp	Lower	Upper
330	100	143859		
332	94.9	77.0	115.6	
141	32.6	29.9	44.9	

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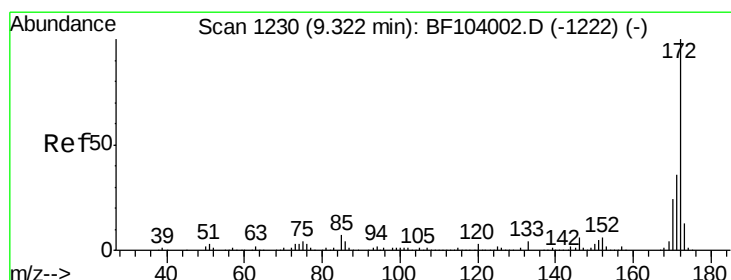
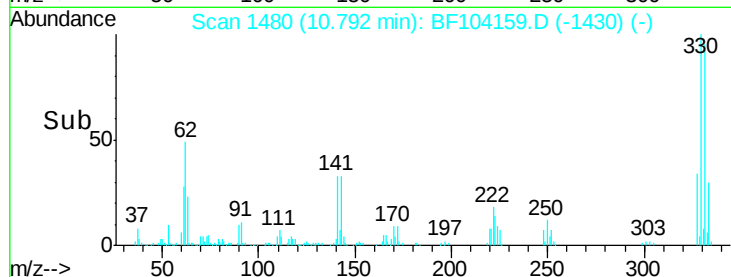
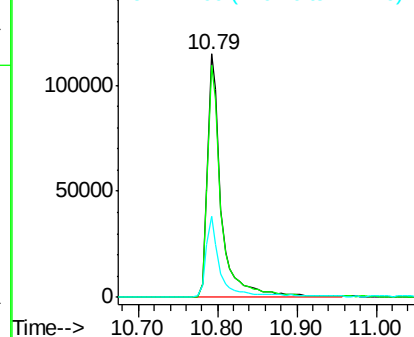


Abundance

Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 75.979 ng
 RT: 9.31 min Scan# 1228
 Delta R.T. -0.01 min
 Lab File: BF104159.D
 Acq: 3 Apr 2018 4:24

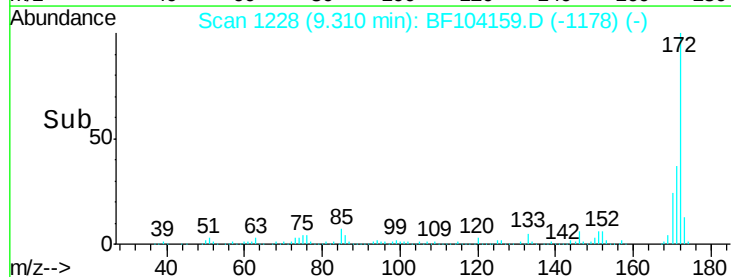
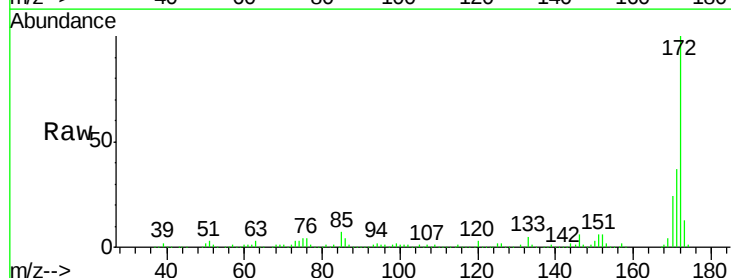
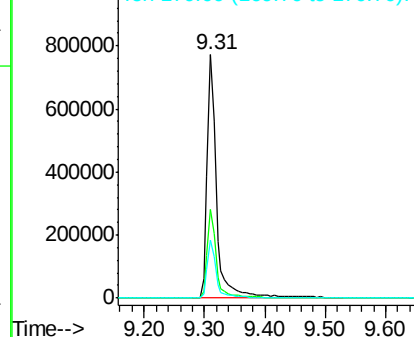
Tgt Ion	Ratio	Resp	Lower	Upper
172	100	860186		
171	36.6	29.7	44.5	
170	23.7	19.6	29.4	

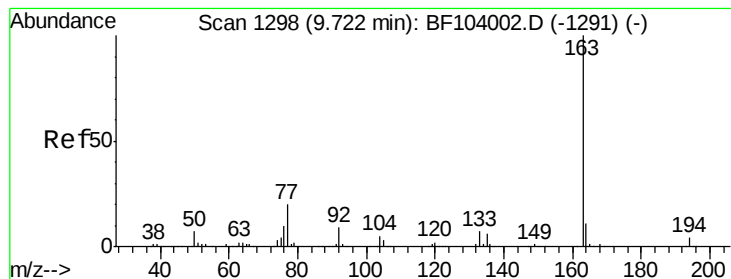
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#49

Dimethylphthalate

Concen: 3.551 ng

RT: 9.70 min Scan# 1295

Delta R.T. -0.01 min

Lab File: BF104159.D

Acq: 3 Apr 2018 4:24

Instrument :

BNA_F

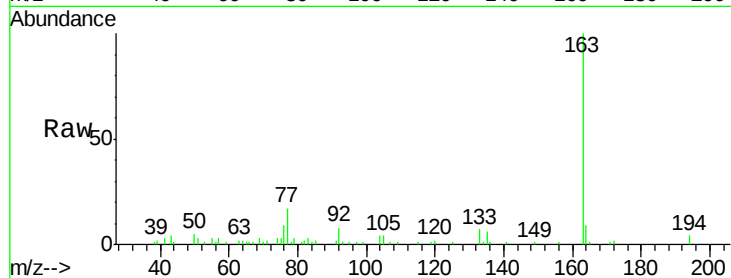
ClientSampleId :

PA-05-COMP

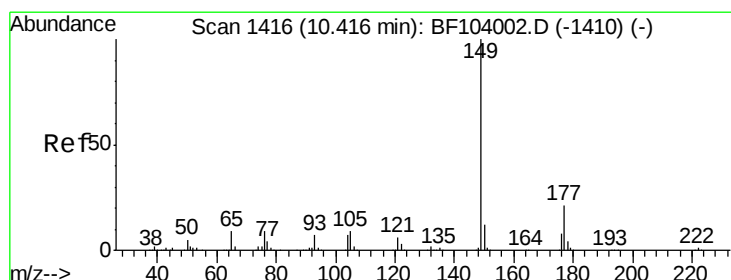
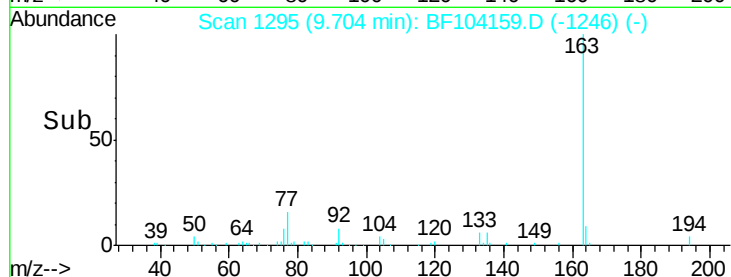
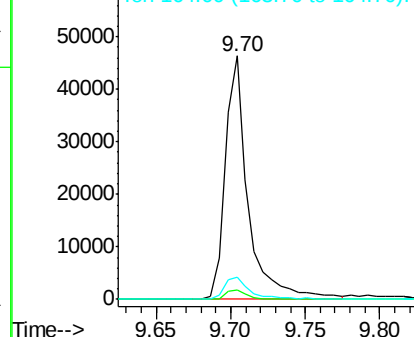
Tot Ion:	163	Resp:	50059
Ion Ratio	Lower	Upper	
163	100		
194	3.7	2.7	4.1
164	9.3	8.2	12.2

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Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E



#59

Diethylphthalate

Concen: 2.040 ng

RT: 10.40 min Scan# 1414

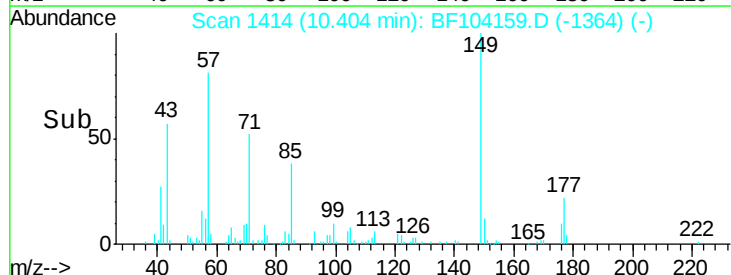
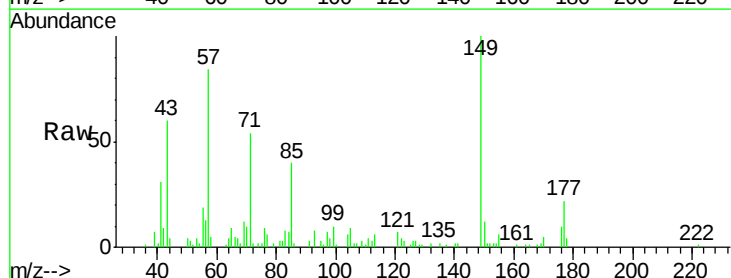
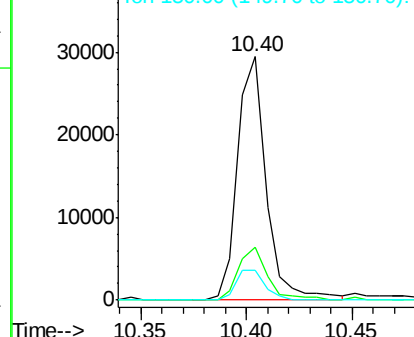
Delta R.T. -0.01 min

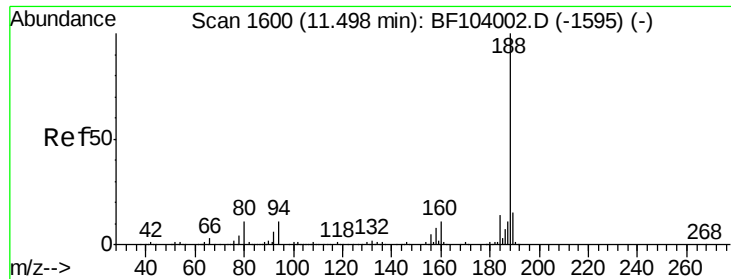
Lab File: BF104159.D

Acq: 3 Apr 2018 4:24

Tgt Ion:	149	Resp:	27549
Ion Ratio	Lower	Upper	
149	100		
177	21.6	16.1	24.1
150	12.4	10.1	15.1

Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E





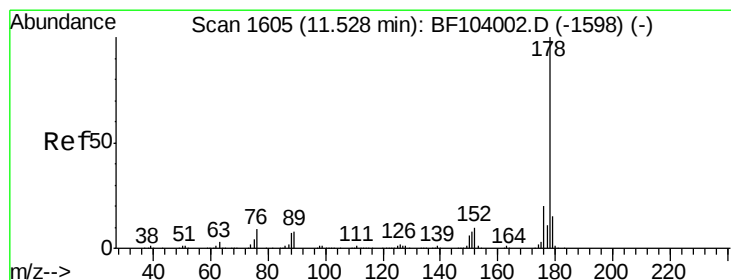
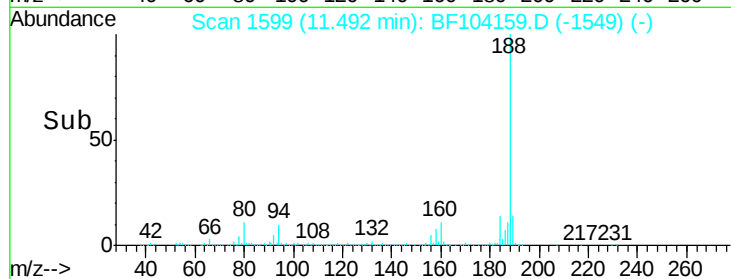
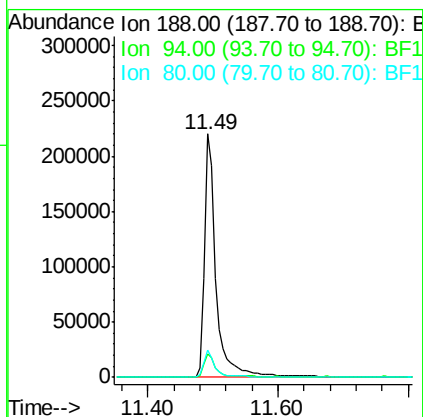
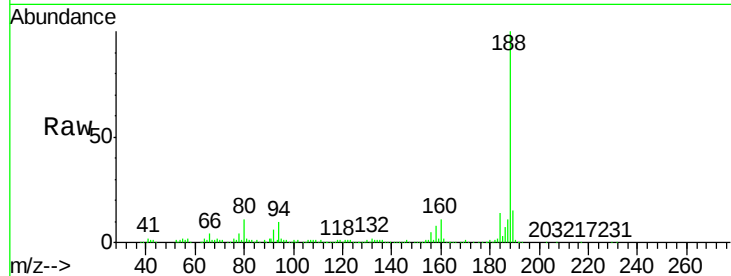
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.49 min Scan# 1599
Delta R.T. -0.01 min
Lab File: BF104159.D
Acq: 3 Apr 2018 4:24

Instrument :
BNA_F
ClientSampleId :
PA-05-COMP

Tot Ion	Ratio	Resp	Lower	Upper
188	100	273488		
94	9.7		8.5	12.7
80	11.5		9.2	13.8

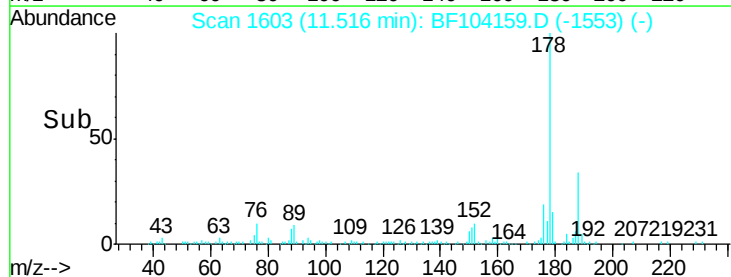
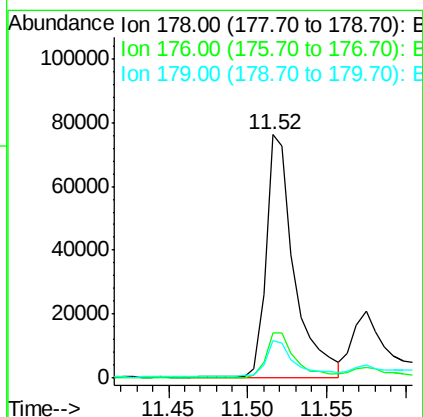
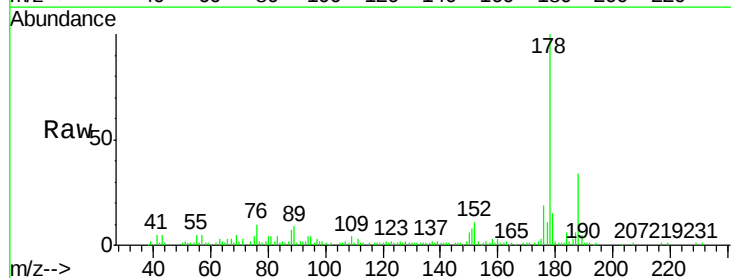
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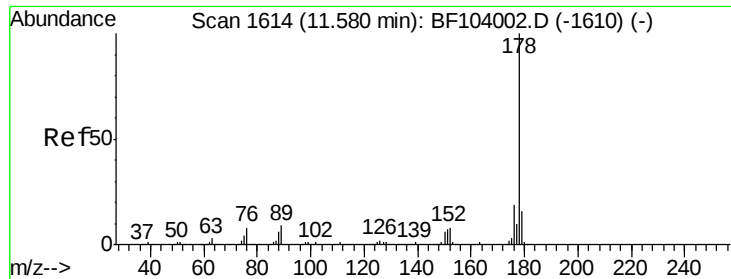
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#70
Phenanthrene
Concen: 6.477 ng
RT: 11.52 min Scan# 1603
Delta R.T. -0.01 min
Lab File: BF104159.D
Acq: 3 Apr 2018 4:24

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	95899		
176	18.8		15.8	23.8
179	15.3		13.0	19.6





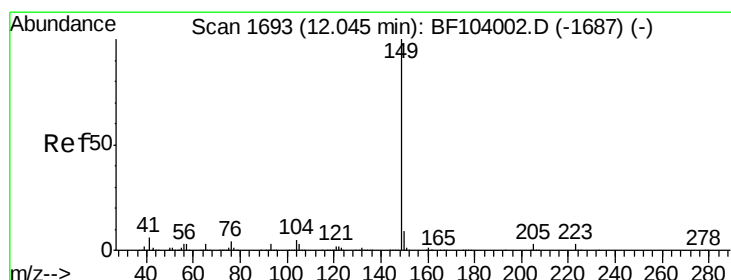
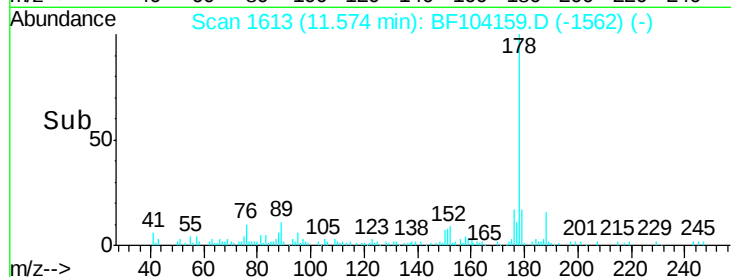
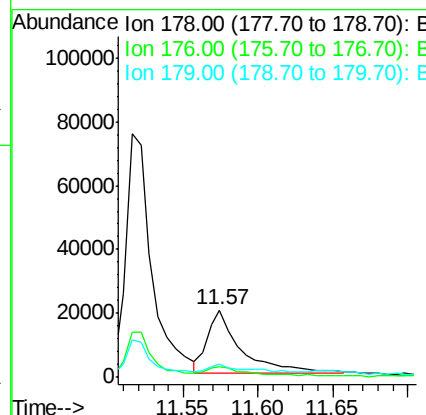
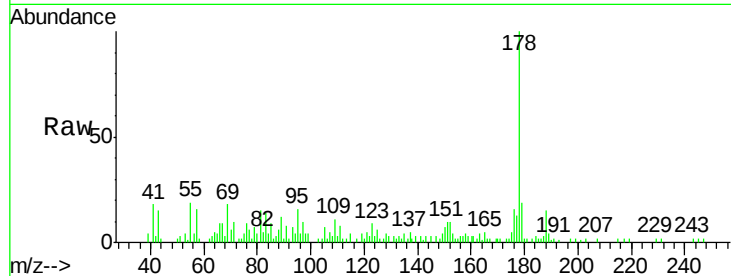
#71
 Anthracene
 Concen: 2.031 ng/mL
 RT: 11.57 min Scan# 1613
 Delta R.T. -0.00 min
 Lab File: BF104159.D
 Acq: 3 Apr 2018 4:24

Instrument :
 BNA_F
 ClientSampleID :
 PA-05-COMP

Tot Ion	Ratio	Lower	Upper
178	100		
176	16.4	15.4	23.2
179	19.2	12.6	19.0

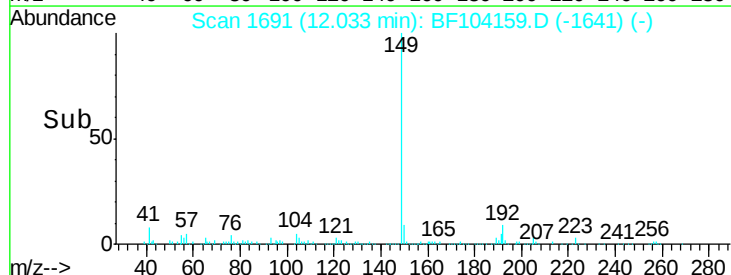
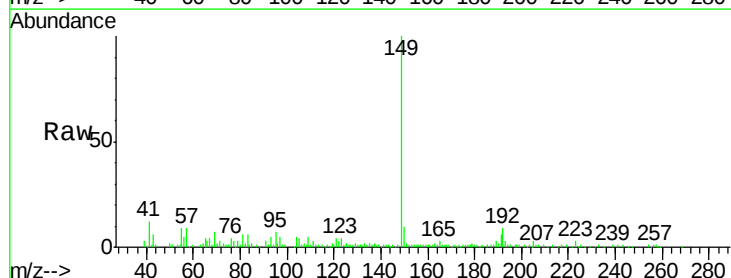
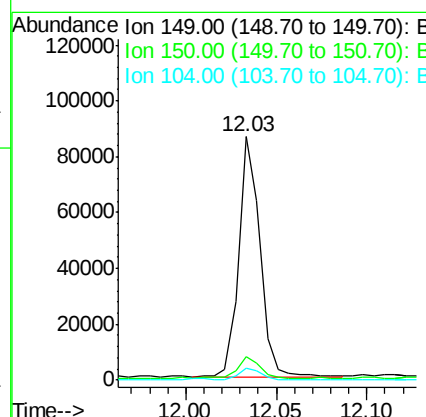
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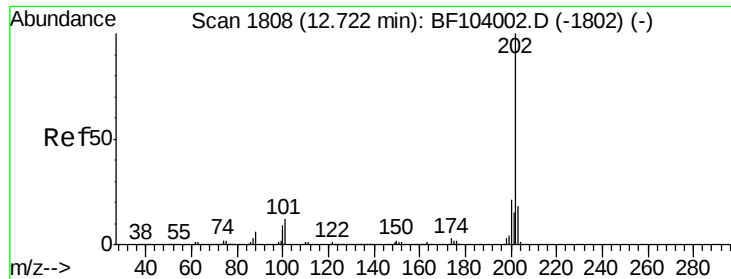
Sohil
 4/3/2018 2:28:01 PM



#73
 Di-n-butylphthalate
 Concen: 4.000 ng/mL
 RT: 12.03 min Scan# 1691
 Delta R.T. -0.01 min
 Lab File: BF104159.D
 Acq: 3 Apr 2018 4:24

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.6	7.8	11.6
104	5.2	3.8	5.8





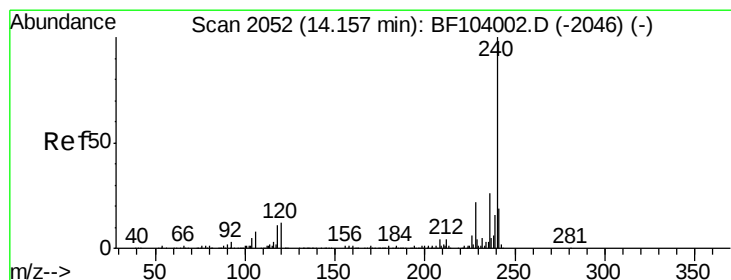
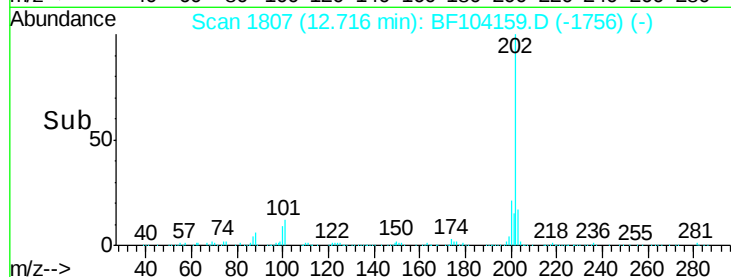
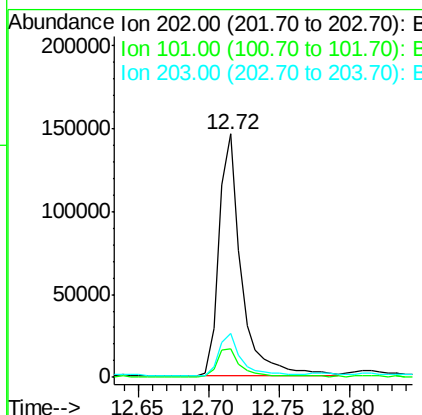
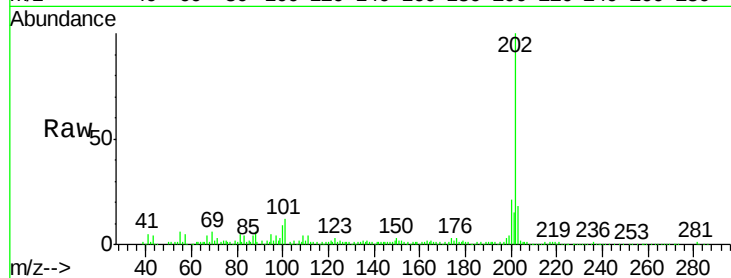
#74
 Fluoranthene
 Concen: 10.300 ng
 RT: 12.72 min Scan# 1807
 Delta R.T. -0.00 min
 Lab File: BF104159.D
 Acq: 3 Apr 2018 4:24

Instrument :
 BNA_F
 ClientSampleId :
 PA-05-COMP

Tot Ion	Ion	Ratio	Resp	Lower	Upper
202	100				
101	11.9	0.0	34.1		
203	17.8	0.0	38.1		

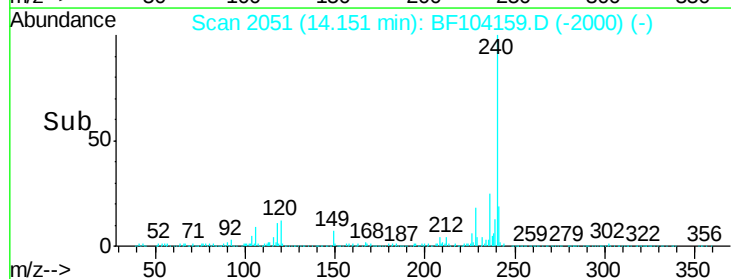
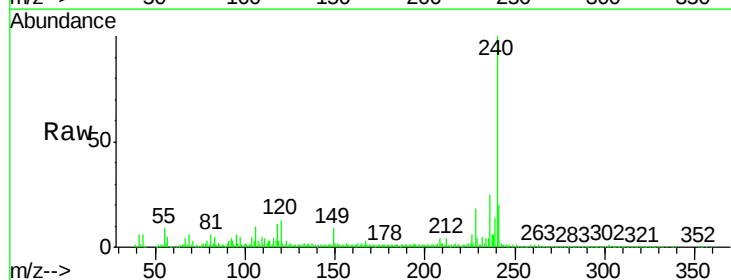
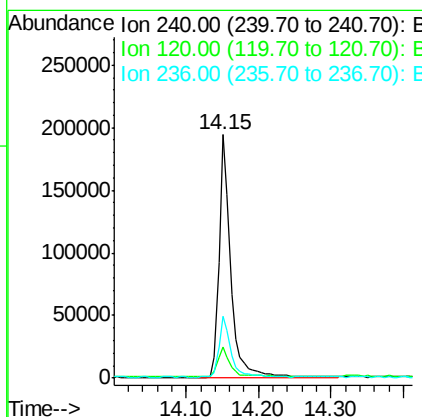
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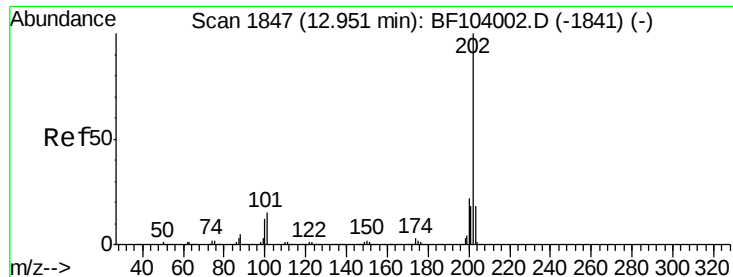
Sohil
 4/3/2018 2:28:01 PM



#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.15 min Scan# 2051
 Delta R.T. -0.00 min
 Lab File: BF104159.D
 Acq: 3 Apr 2018 4:24

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
240	100				
120	13.0	9.5	14.3		
236	25.2	20.7	31.1		





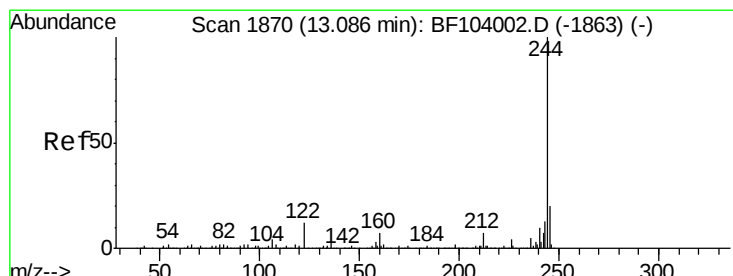
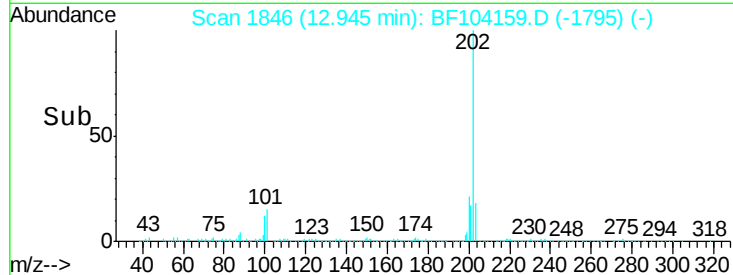
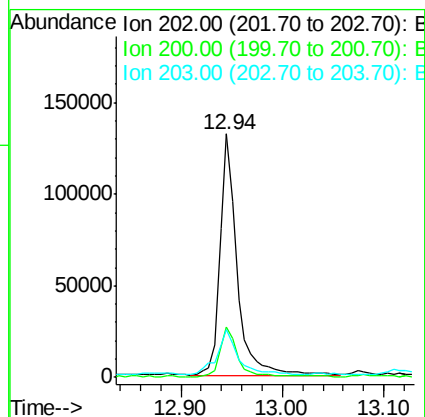
#77
Pvrene
Concen: 9.817 ng
RT: 12.94 min Scan# 1846
Delta R.T. -0.00 min
Lab File: BF104159.D
Acq: 3 Apr 2018 4:24

Instrument :
BNA_F
ClientSampleId :
PA-05-COMP

Tot Ion:	202	Resp:	154852
Ion Ratio	Lower	Upper	
202	100		
200	20.9	17.4	26.2
203	19.4	14.3	21.5

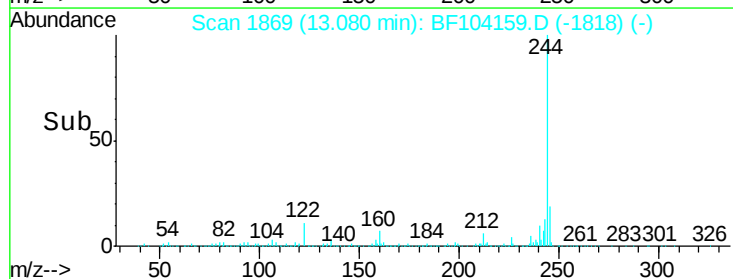
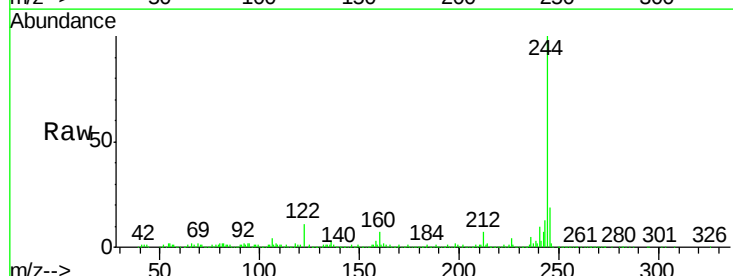
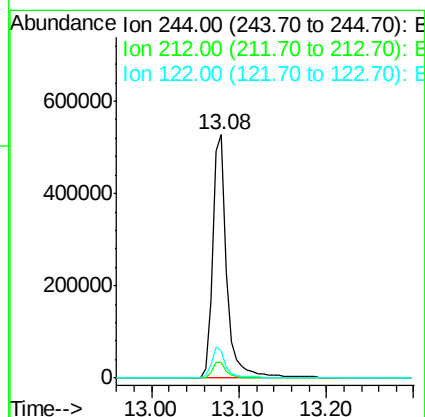
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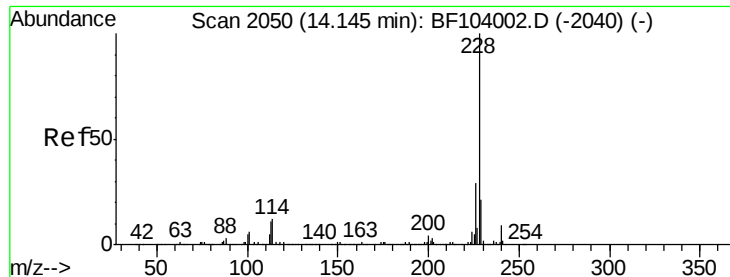
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#78
Terphenyl-d14
Concen: 62.538 ng
RT: 13.08 min Scan# 1869
Delta R.T. -0.00 min
Lab File: BF104159.D
Acq: 3 Apr 2018 4:24

Tgt Ion:	244	Resp:	594296
Ion Ratio	Lower	Upper	
244	100		
212	6.5	5.4	8.0
122	11.1	11.0	16.4





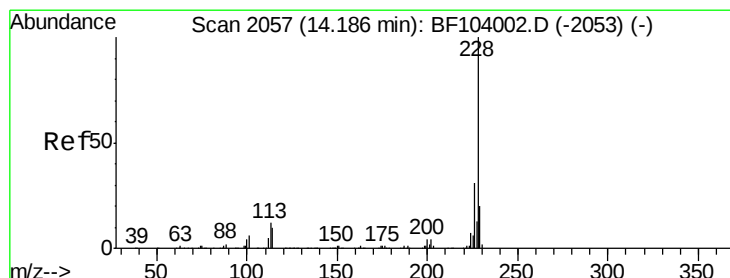
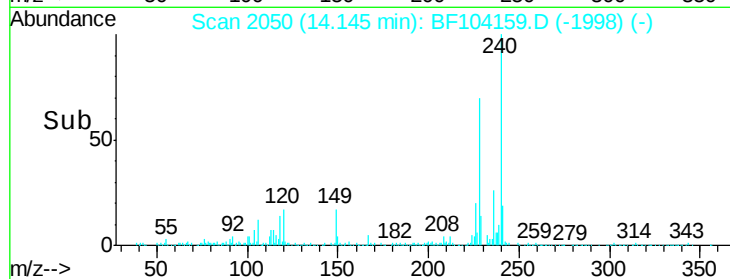
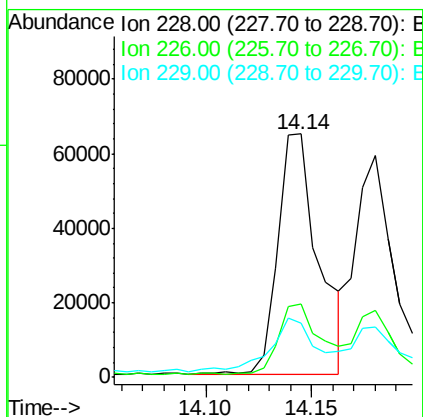
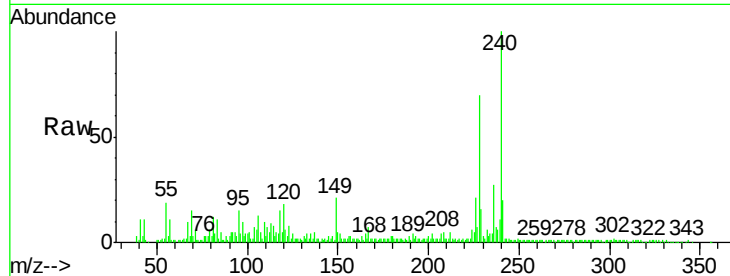
#80
Benzo(a)anthracene
Concen: 6.313 ng
RT: 14.14 min Scan# 2050
Delta R.T. 0.01 min
Lab File: BF104159.D
Acq: 3 Apr 2018 4:24

Instrument :
BNA_F
ClientSampleId :
PA-05-COMP

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.4	22.6	33.8
229	22.5	15.8	23.6

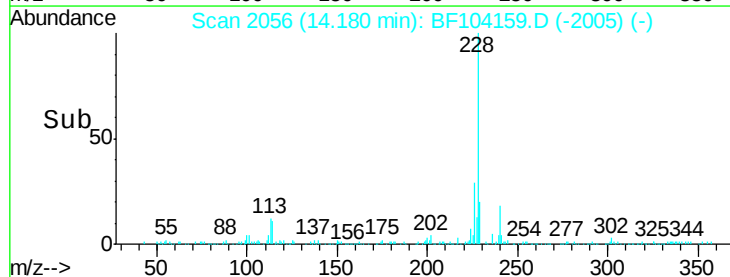
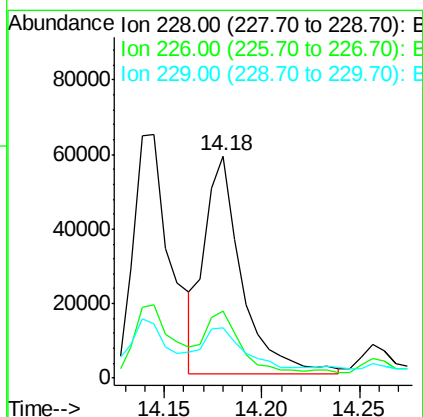
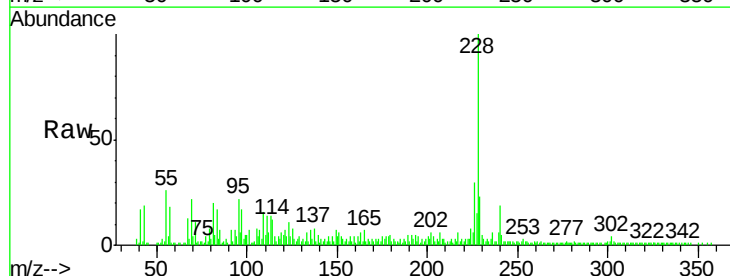
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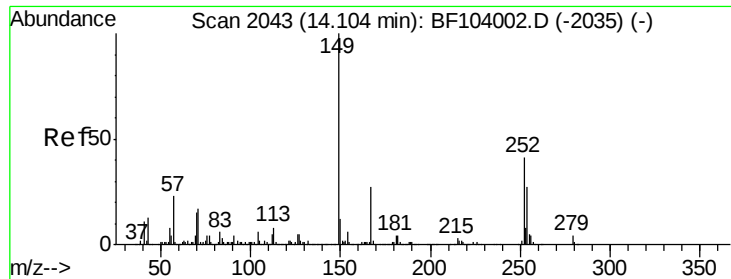
Sohil
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#82
Chrysene
Concen: 5.812 ng
RT: 14.18 min Scan# 2056
Delta R.T. -0.00 min
Lab File: BF104159.D
Acq: 3 Apr 2018 4:24

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.3	25.0	37.6
229	22.8	16.2	24.4





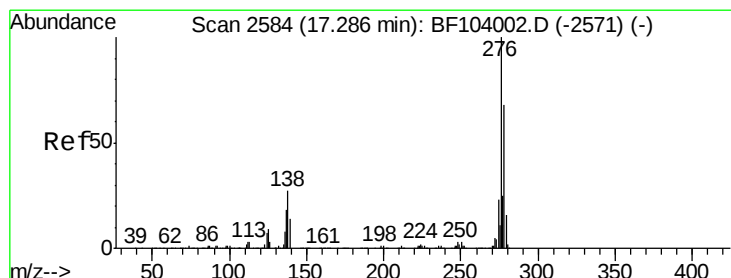
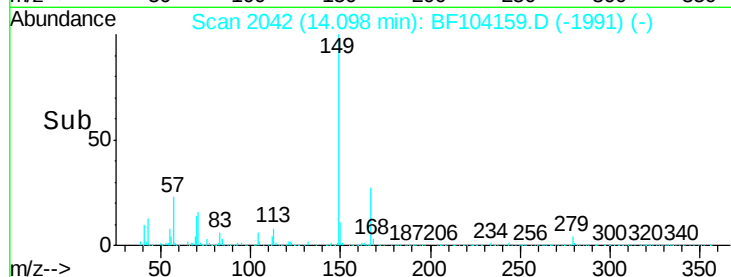
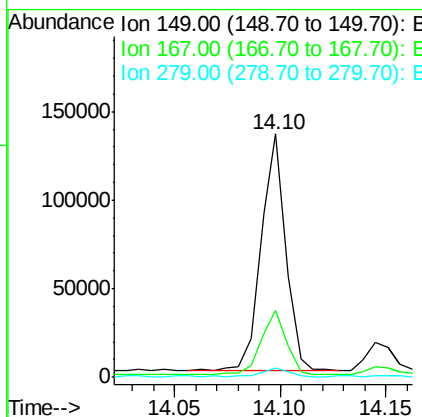
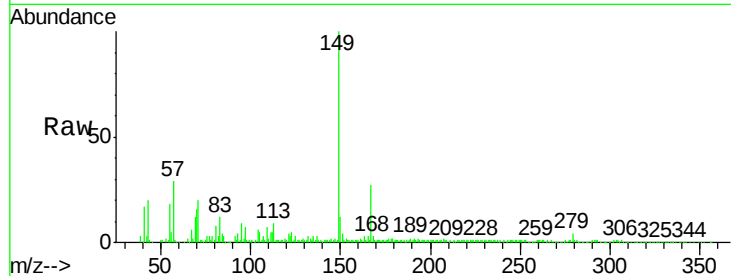
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 11.264 ng
 RT: 14.10 min Scan# 2042
 Delta R.T. -0.00 min
 Lab File: BF104159.D
 Acq: 3 Apr 2018 4:24

Instrument :
 BNA_F
 ClientSampleId :
 PA-05-COMP

Tot Ion	Ratio	Resp	Lower	Upper
149	100			
167	27.4	21.3	31.9	
279	3.9	3.0	4.4	

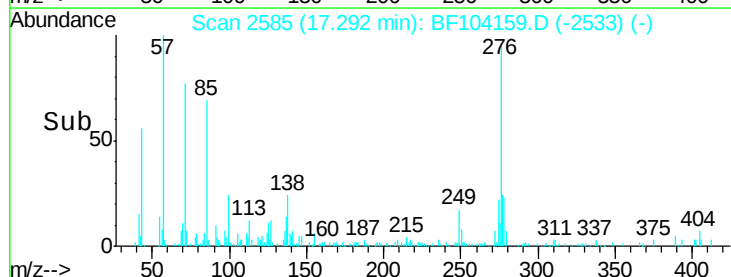
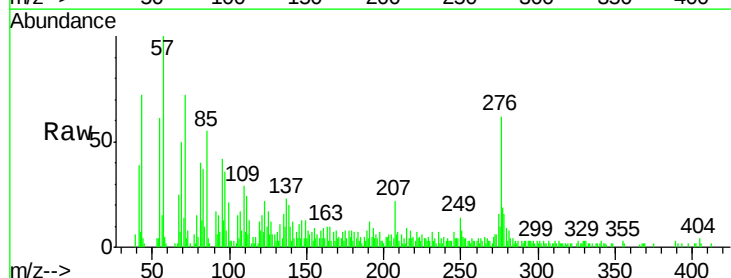
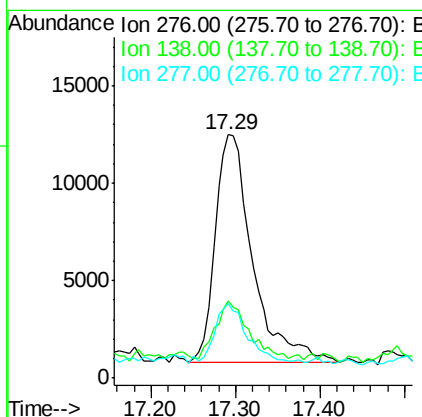
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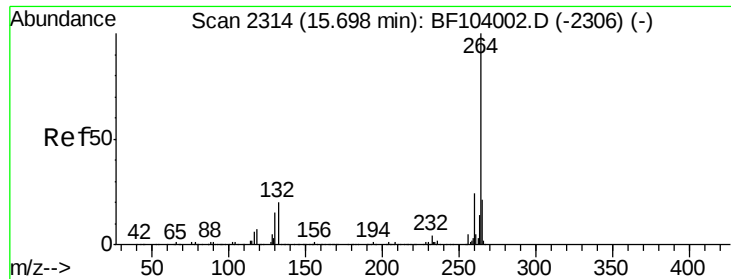
Sohil
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#85
 Indeno(1,2,3-cd)pyrene
 Concen: 2.604 ng
 RT: 17.29 min Scan# 2585
 Delta R.T. 0.01 min
 Lab File: BF104159.D
 Acq: 3 Apr 2018 4:24

Tgt Ion	Ratio	Resp	Lower	Upper
276	100			
138	21.5	25.0	37.6#	
277	22.8	20.1	30.1	





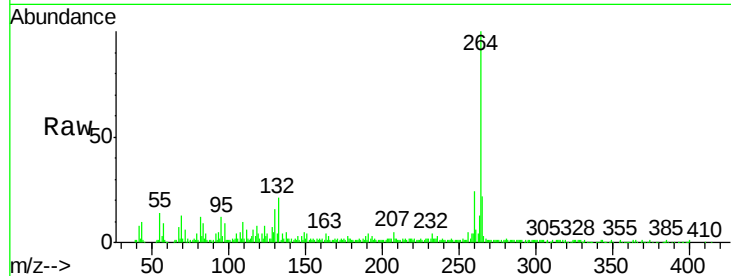
#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.70 min Scan# 2314
Delta R.T. 0.01 min
Lab File: BF104159.D
Acq: 3 Apr 2018 4:24

Instrument :
BNA_F
ClientSampled :
PA-05-COMP

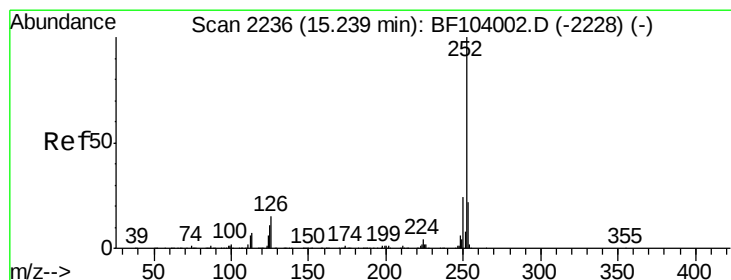
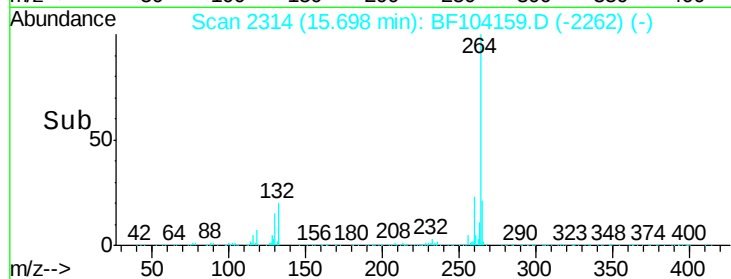
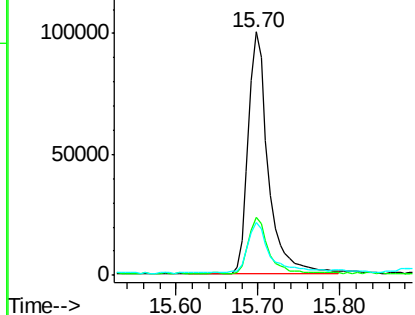
Tot Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.2	28.8
265	21.5	17.5	26.3

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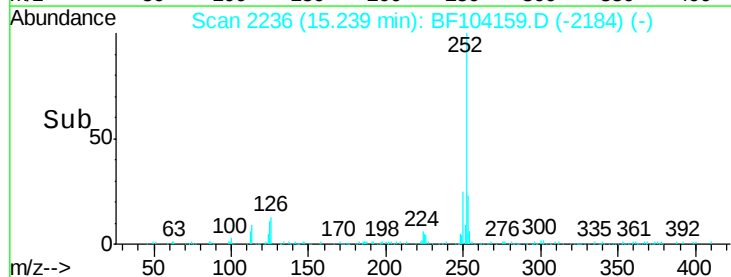
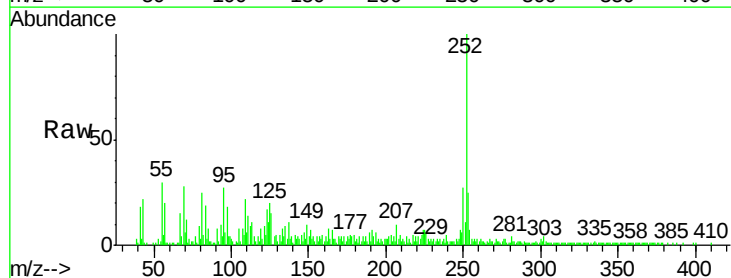
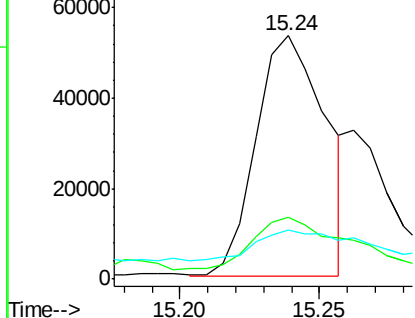
Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

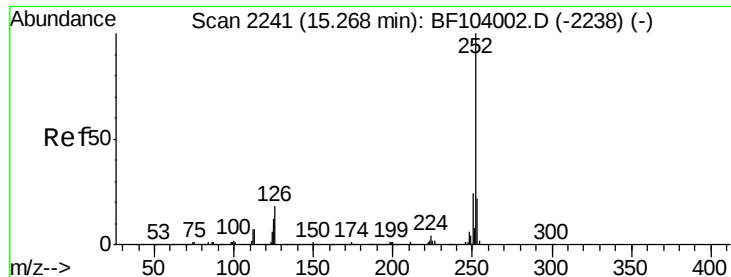


#87
Benzo(b)fluoranthene
Concen: 8.726 ng m
RT: 15.24 min Scan# 2236
Delta R.T. 0.01 min
Lab File: BF104159.D
Acq: 3 Apr 2018 4:24

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.2	17.0	25.6
125	20.1	9.0	13.6#

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





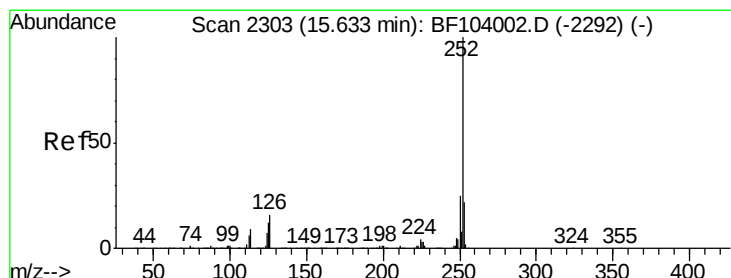
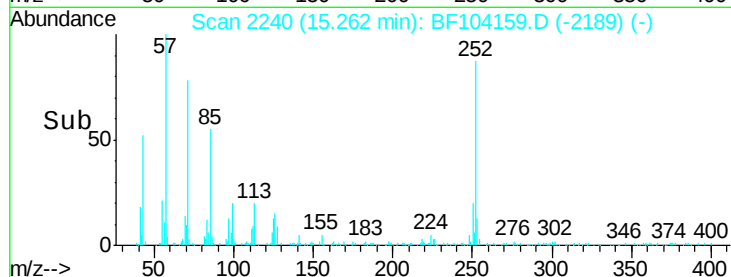
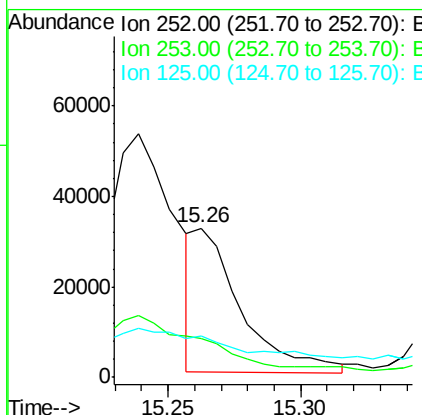
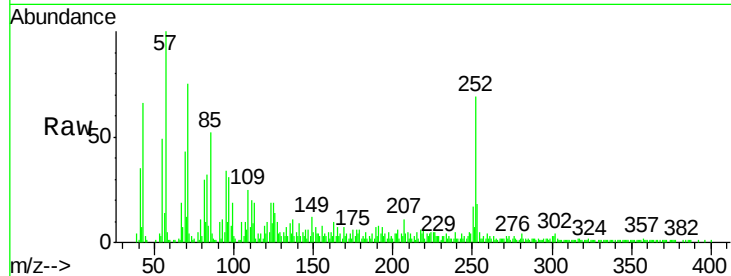
#88
Benzo(k)fluoranthene
Concen: 3.952 ng m
RT: 15.26 min Scan# 2240
Delta R.T. -0.00 min
Lab File: BF104159.D
Acq: 3 Apr 2018 4:24

Instrument :
BNA_F
ClientSampleId :
PA-05-COMP

Tot Ion	Ratio	Lower	Upper
252	100		
253	25.7	17.9	26.9
125	27.3	10.2	15.2

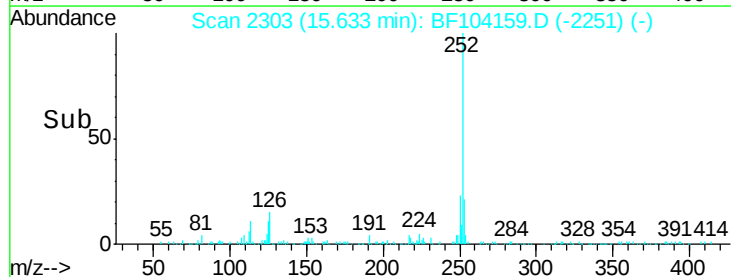
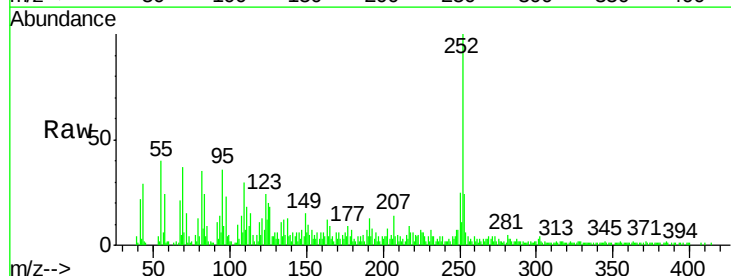
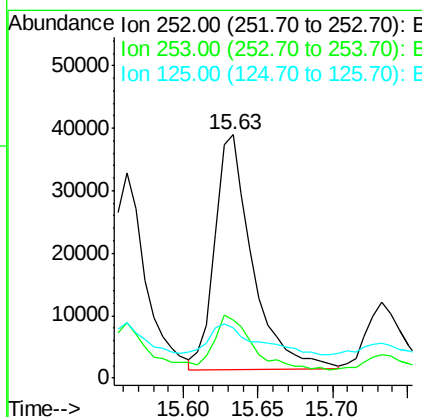
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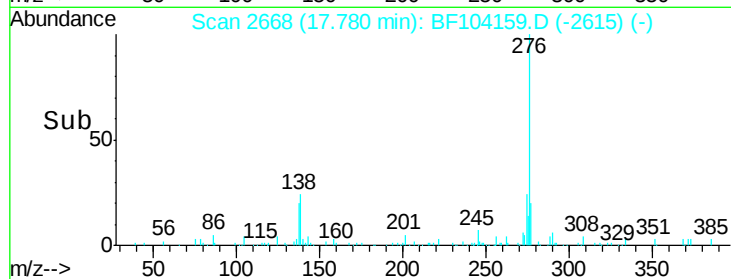
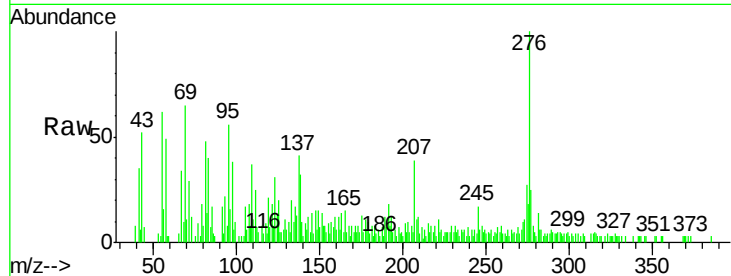
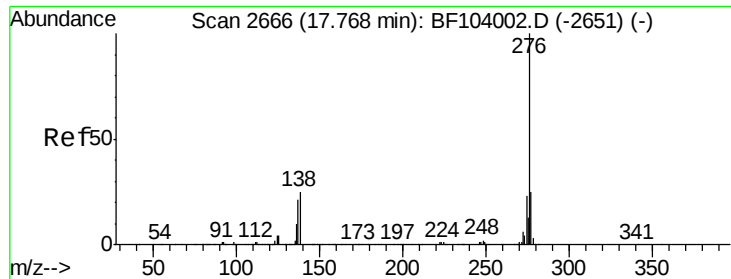
Sohil
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#89
Benzo(a)pyrene
Concen: 6.797 ng
RT: 15.63 min Scan# 2303
Delta R.T. 0.01 min
Lab File: BF104159.D
Acq: 3 Apr 2018 4:24

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.0	17.1	25.7
125	20.5	9.8	14.6





#91
 Benzo(a,h,i)perylene
 Concen: 3.983 ng
 RT: 17.78 min Scan# 2668
 Delta R.T. 0.01 min
 Lab File: BF104159.D
 Acq: 3 Apr 2018 4:24

Instrument :
 BNA_F
 ClientSampleId :
 PA-05-COMP

Tot Ion	Ratio	Lower	Upper
276	100		
277	25.1	17.9	26.9
138	31.7	21.8	32.8

Manual Integrations
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