

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF033018\
 Data File : BF104122.D
 Acq On : 31 Mar 2018 5:24
 Operator : JU/SJ
 Sample : J2122-10
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB-16-COMP

Manual Integrations
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Sohil
 4/2/2018 5:06:21 PM

Quant Time: Mar 31 05:58:43 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 30 17:20:53 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	102021	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	414006	20.00	ng	0.00
38) Acenaphthene-d10	9.99	164	176044	20.00	ng	0.00
63) Phenanthrene-d10	11.49	188	271721	20.00	ng	0.00
75) Chrysene-d12	14.14	240	224998	20.00	ng	0.00
86) Perylene-d12	15.69	264	175185	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	630191	98.51	ng	0.01
7) Phenol-d6	6.59	99	780292	99.14	ng	0.00
23) Nitrobenzene-d5	7.52	82	481623	71.14	ng	0.00
41) 2,4,6-Tribromophenol	10.79	330	163852	83.59	ng	0.00
44) 2-Fluorobiphenyl	9.31	172	794903	71.20	ng	0.00
78) Terphenyl-d14	13.07	244	617169	63.33	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.70	163	71492	5.144	ng	98
70) Phenanthrene	11.52	178	81248	5.523	ng	96
71) Anthracene	11.57	178	33783	2.198	ng	97
74) Fluoranthene	12.71	202	148928	9.524	ng	96
77) Pyrene	12.94	202	146221	9.040	ng	99
80) Benzo(a)anthracene	14.13	228	80691	5.732	ng	96
82) Chrysene	14.17	228	66672	4.835	ng	97
83) Bis(2-ethylhexyl)phthalate	14.09	149	41576m	4.223	ng	
85) Indeno(1,2,3-cd)pyrene	17.27	276	29139	2.039	ng	# 90
87) Benzo(b)fluoranthene	15.23	252	66583m	6.245	ng	
88) Benzo(k)fluoranthene	15.24	252	30125m	3.000	ng	
89) Benzo(a)pyrene	15.62	252	57228	5.792	ng	# 88
91) Benzo(a,h,i)perylene	17.75	276	35102	3.836	ng	# 92

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

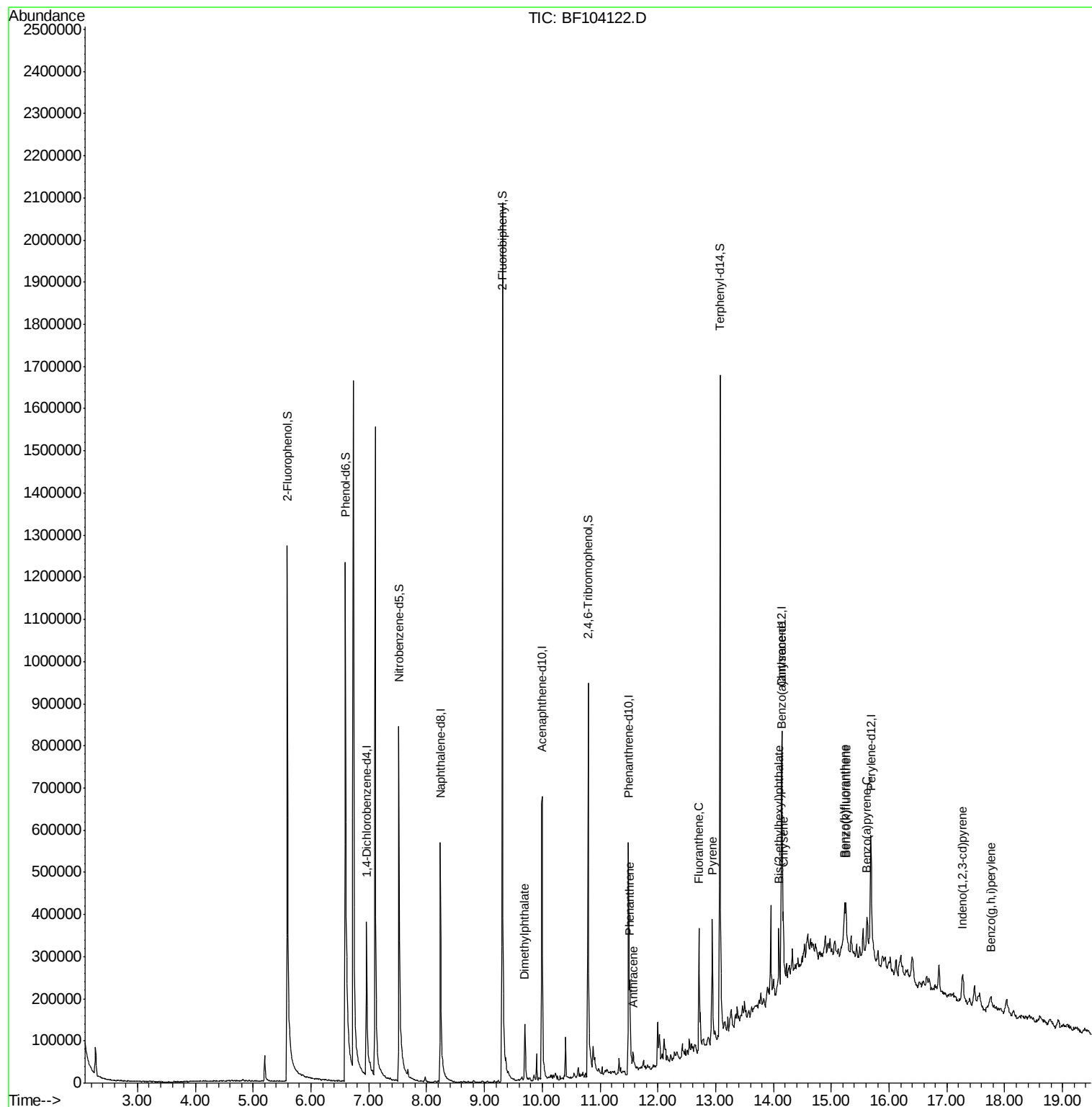
Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF033018\
Data File : BF104122.D
Acq On : 31 Mar 2018 5:24
Operator : JU/SJ
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BNA_F
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#1

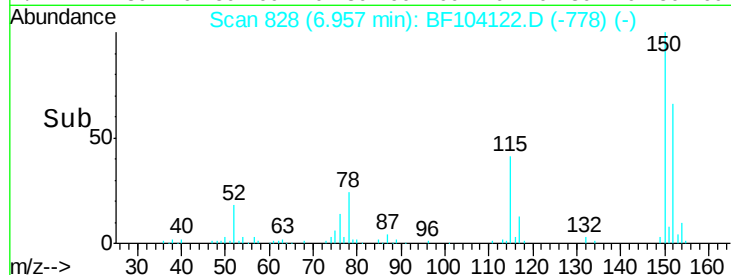
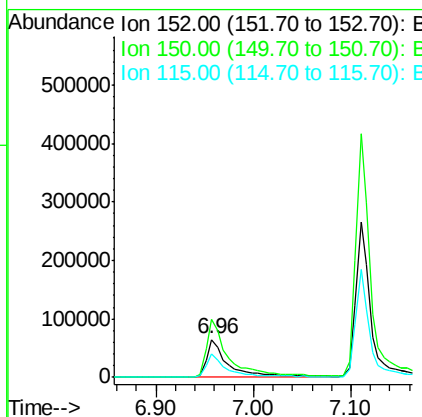
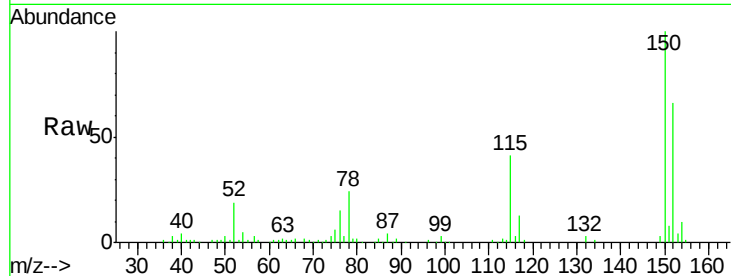
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.96 min Scan# 828
 Delta R.T. -0.01 min
 Lab File: BF104122.D
 Acq: 31 Mar 2018 5:24

Instrument :
 BNA_F
 ClientSampled :
 PB-16-COMP

Tot Ion	Ratio	Lower	Upper
152	100		
150	152.6	124.6	186.8
115	62.2	50.1	75.1

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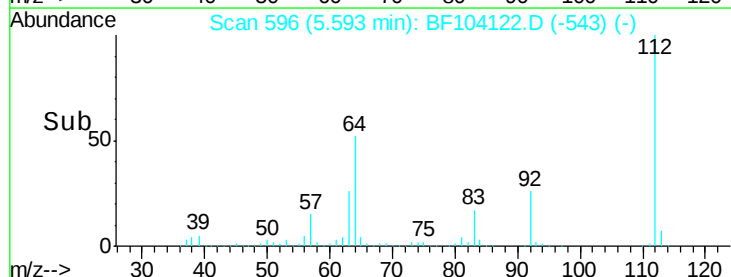
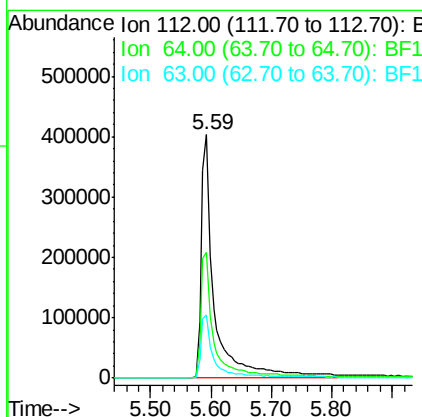
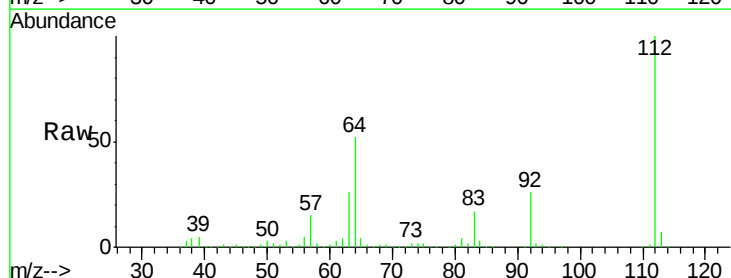
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#5

2-Fluorophenol
 Concen: 98.509 ng
 RT: 5.59 min Scan# 596
 Delta R.T. 0.01 min
 Lab File: BF104122.D
 Acq: 31 Mar 2018 5:24

Tgt Ion	Ratio	Lower	Upper
112	100		
64	51.9	47.9	71.9
63	26.2	23.7	35.5





#7

Phenol-d6

Concen: 99.140 ng

RT: 6.59 min Scan# 766

Delta R.T. 0.00 min

Lab File: BF104122.D

Acq: 31 Mar 2018 5:24

Instrument :

BNA_F

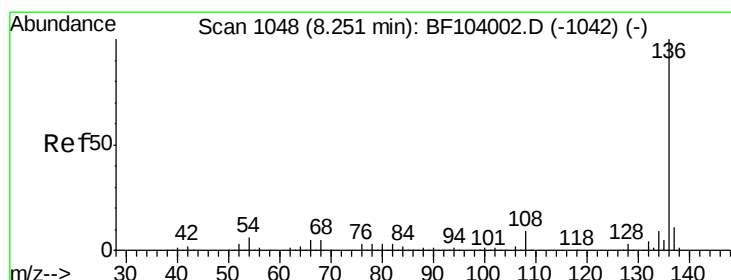
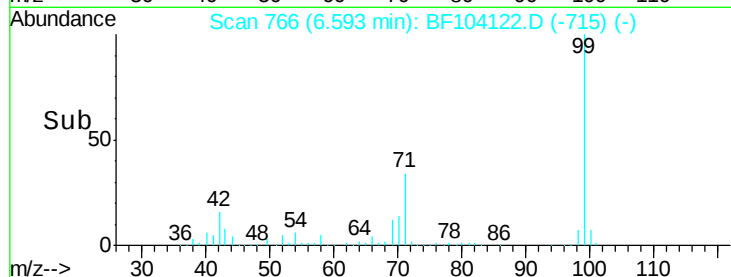
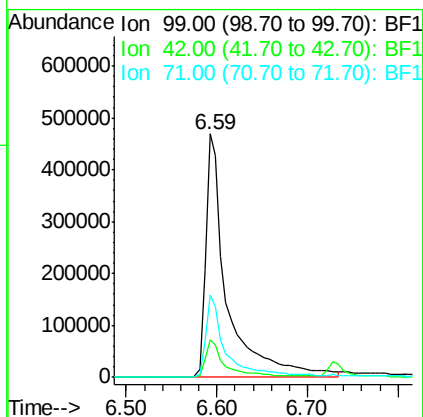
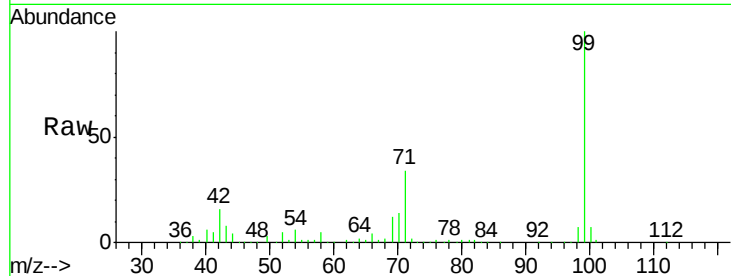
ClientSampleId :

PB-16-COMP

Tot Ion:	99	Resp:	780292
Ion Ratio	Lower	Upper	
99	100		
42	15.6	14.5	21.7
71	33.7	25.4	38.0

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#21

Naphthalene-d8

Concen: 20.000 ng

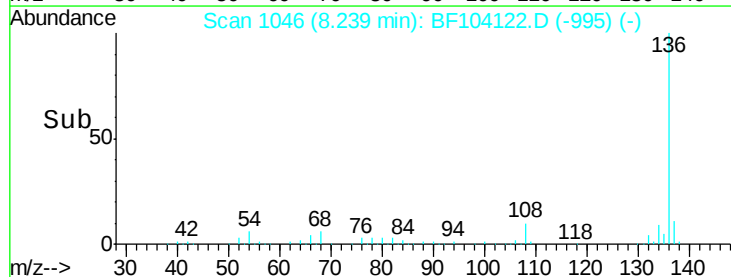
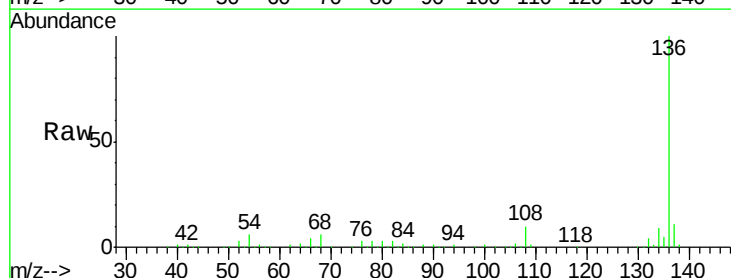
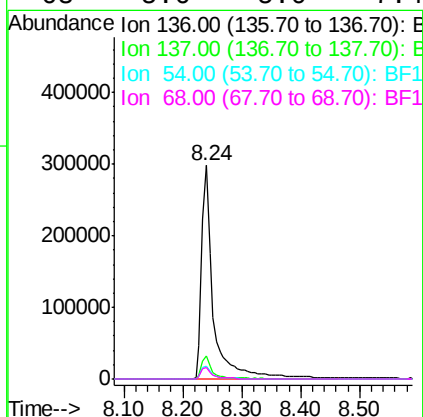
RT: 8.24 min Scan# 1046

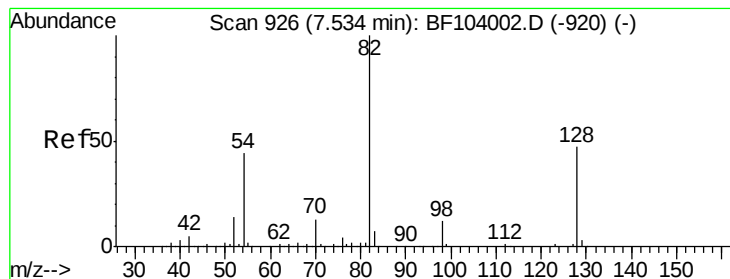
Delta R.T. 0.00 min

Lab File: BF104122.D

Acq: 31 Mar 2018 5:24

Tgt Ion:	136	Resp:	414006
Ion Ratio	Lower	Upper	
136	100		
137	10.7	8.9	13.3
54	6.2	6.6	9.8
68	5.6	5.0	7.4





#23

Nitrobenzene-d5

Concen: 71.144 ng

RT: 7.52 min Scan# 924

Delta R.T. -0.01 min

Lab File: BF104122.D

Acq: 31 Mar 2018 5:24

Instrument :

BNA_F

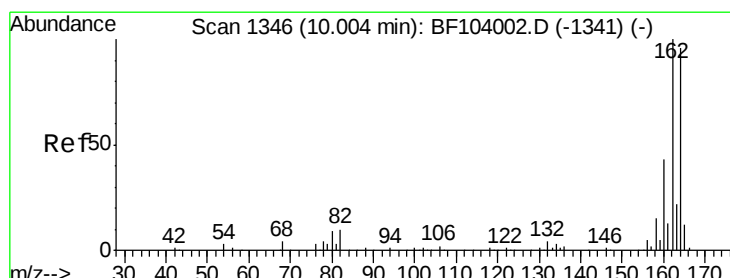
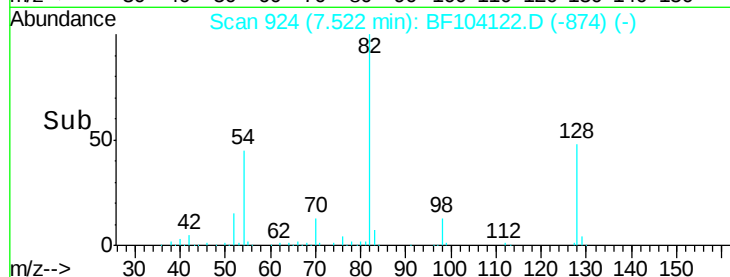
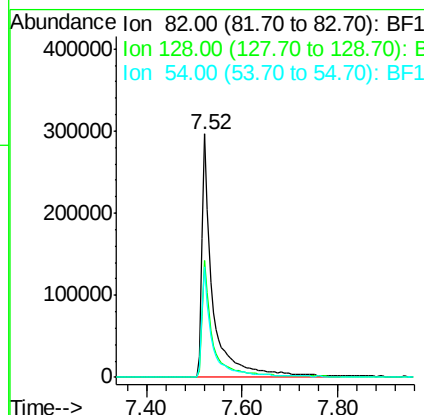
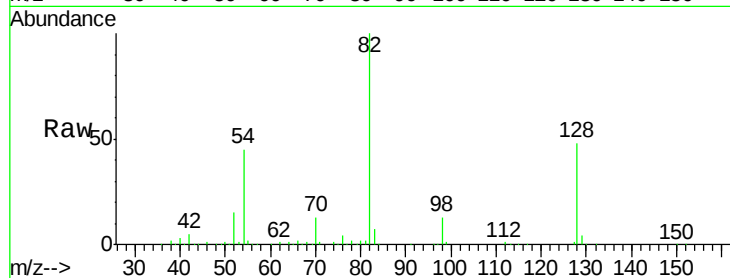
ClientSampleId :

PB-16-COMP

Tot Ion:	82	Resp:	481623
Ion Ratio	Lower	Upper	
82	100		
128	48.0	36.1	54.1
54	45.2	41.4	62.2

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#38

Acenaphthene-d10

Concen: 20.000 ng

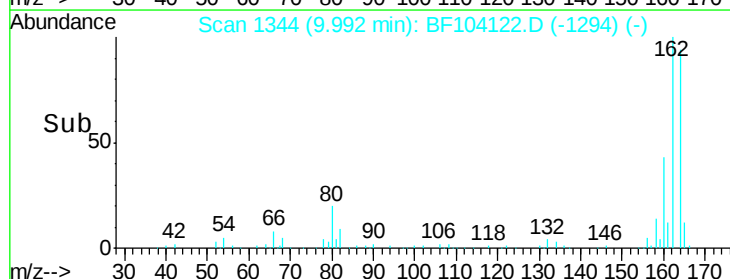
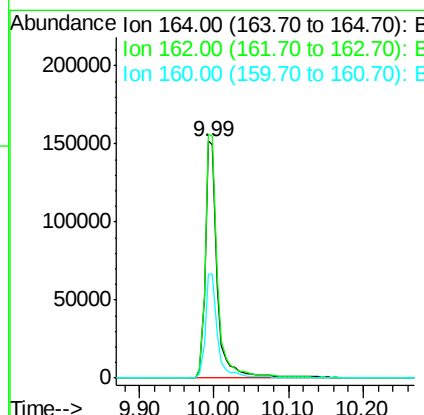
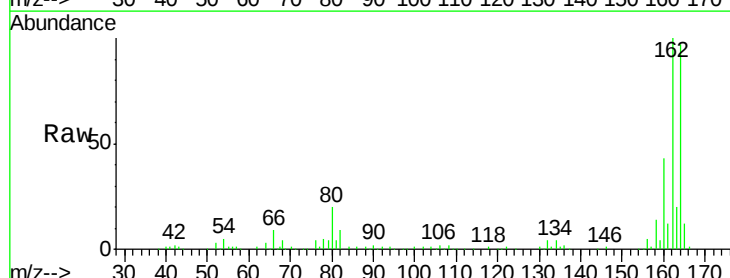
RT: 9.99 min Scan# 1344

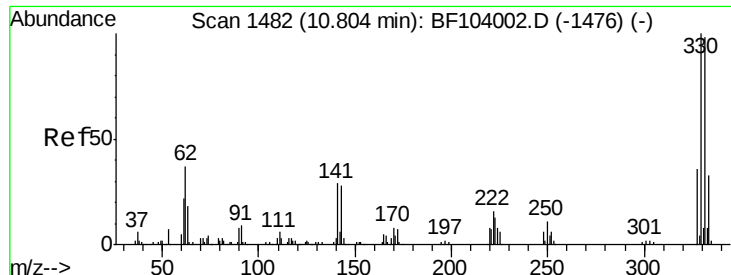
Delta R.T. -0.01 min

Lab File: BF104122.D

Acq: 31 Mar 2018 5:24

Tgt Ion:	164	Resp:	176044
Ion Ratio	Lower	Upper	
164	100		
162	102.8	86.1	129.1
160	44.2	38.3	57.5





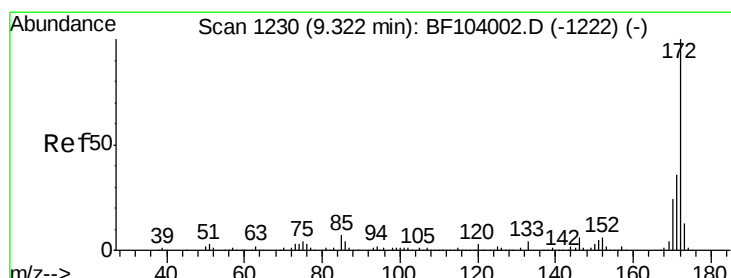
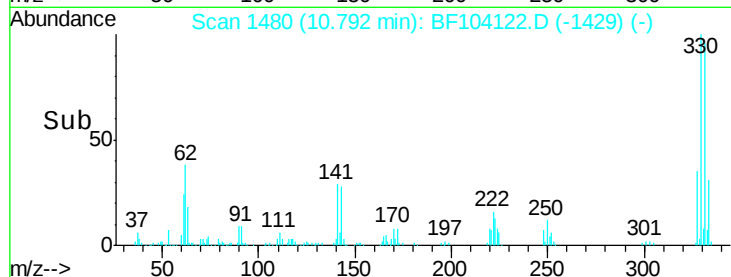
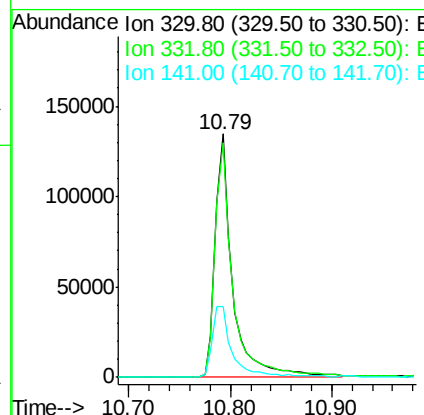
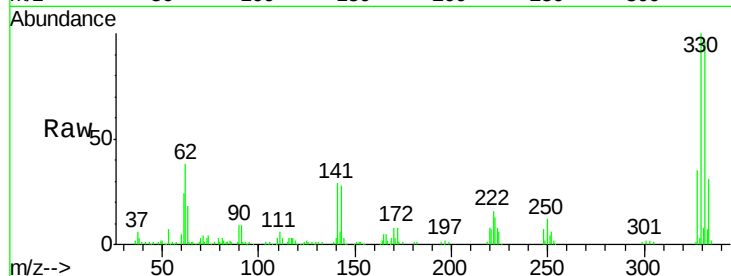
#41
 2,4,6-Tribromophenol
 Concen: 83.587 ng
 RT: 10.79 min Scan# 1480
 Delta R.T. 0.00 min
 Lab File: BF104122.D
 Acq: 31 Mar 2018 5:24

Instrument :
 BNA_F
 ClientSampleId :
 PB-16-COMP

Tot Ion	Ratio	Resp	Lower	Upper
330	100	163852		
332	100.3	77.0	115.6	
141	33.8	29.9	44.9	

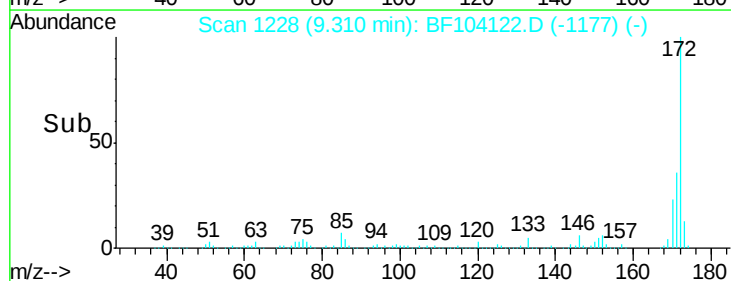
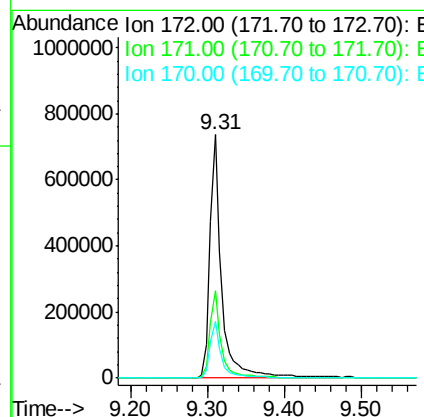
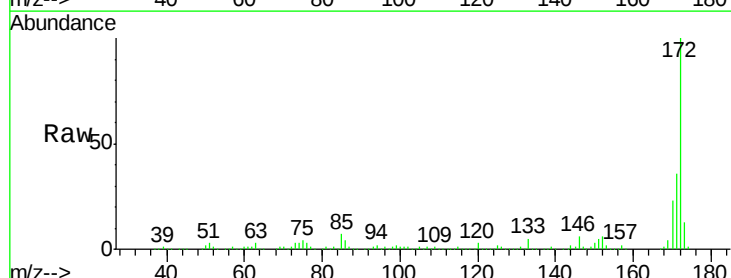
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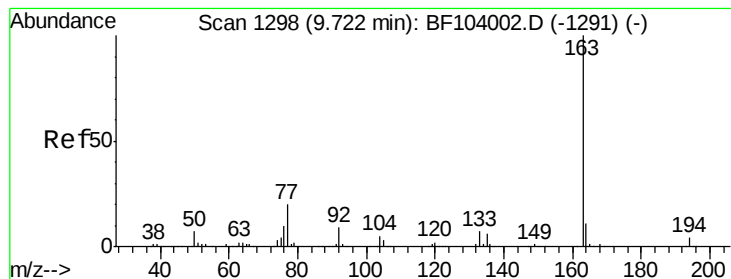
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#44
 2-Fluorobiphenyl
 Concen: 71.204 ng
 RT: 9.31 min Scan# 1228
 Delta R.T. 0.00 min
 Lab File: BF104122.D
 Acq: 31 Mar 2018 5:24

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	794903		
171	35.7	29.7	44.5	
170	23.3	19.6	29.4	





#49

Dimethylphthalate

Concen: 5.144 ng

RT: 9.70 min Scan# 1295

Delta R.T. -0.01 min

Lab File: BF104122.D

Acq: 31 Mar 2018 5:24

Instrument :

BNA_F

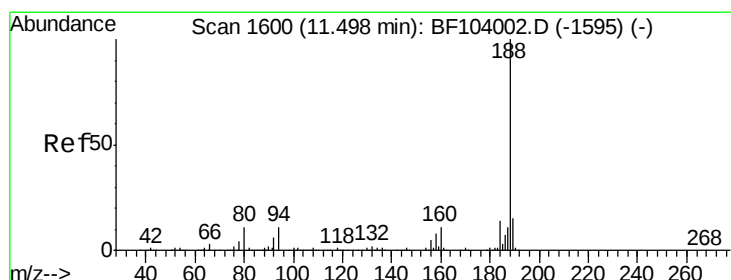
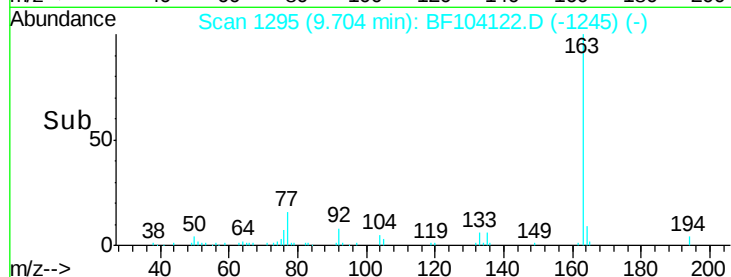
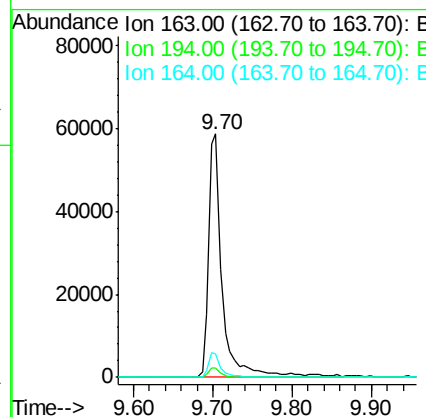
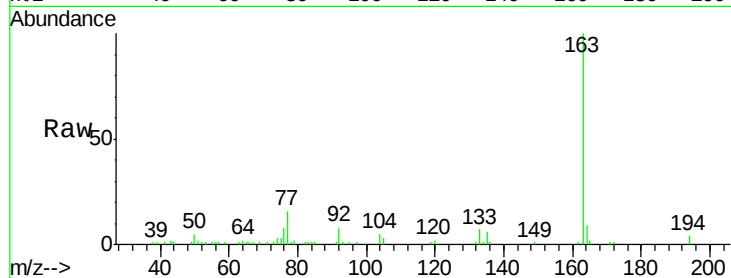
ClientSampleId :

PB-16-COMP

Tot Ion:	163	Resp:	71492
Ion Ratio	Lower	Upper	
163	100		
194	3.8	2.7	4.1
164	9.4	8.2	12.2

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#63

Phenanthrene-d10

Concen: 20.000 ng

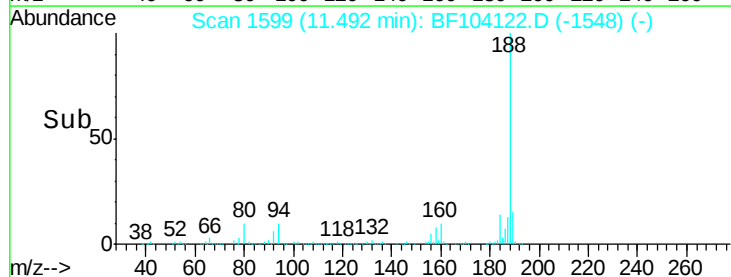
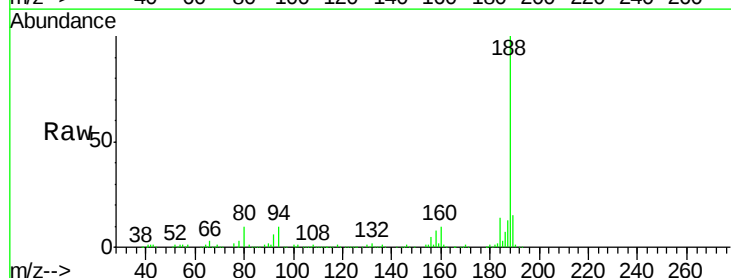
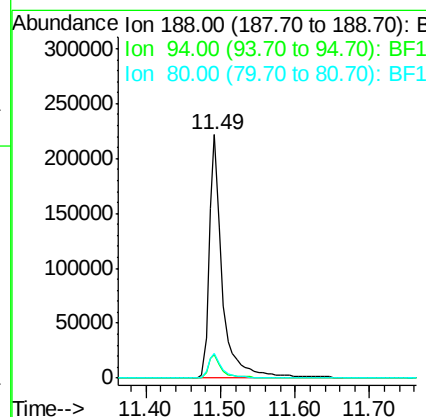
RT: 11.49 min Scan# 1599

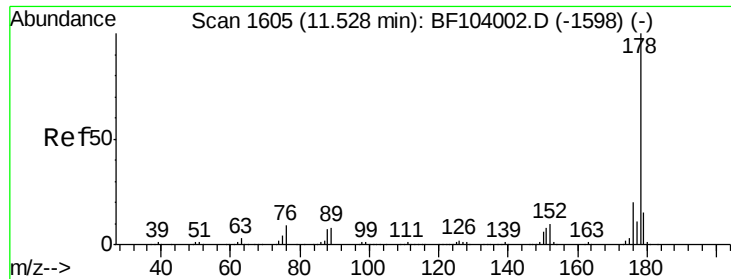
Delta R.T. 0.00 min

Lab File: BF104122.D

Acq: 31 Mar 2018 5:24

Tgt Ion:	188	Resp:	271721
Ion Ratio	Lower	Upper	
188	100		
94	9.7	8.5	12.7
80	10.0	9.2	13.8





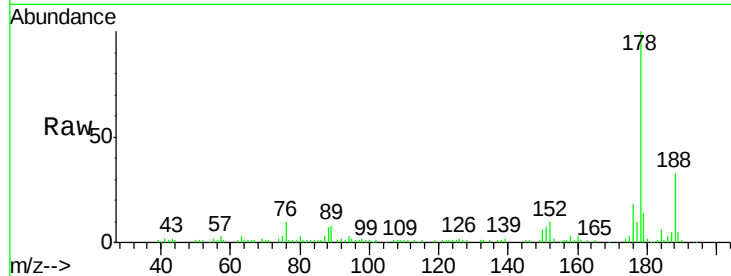
#70
Phenanthrene
Concen: 5.523 ng
RT: 11.52 min Scan# 1603
Delta R.T. 0.00 min
Lab File: BF104122.D
Acq: 31 Mar 2018 5:24

Instrument :
BNA_F
ClientSampleId :
PB-16-COMP

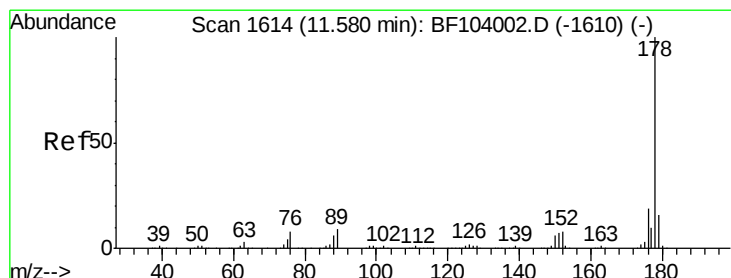
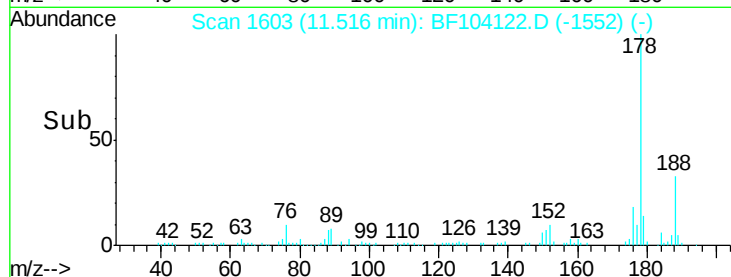
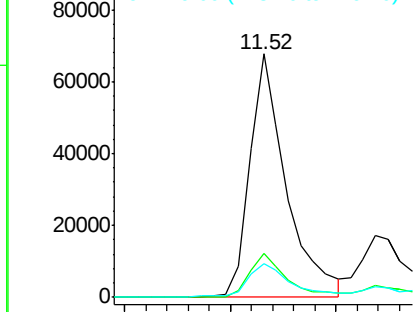
Tot Ion	Ratio	Lower	Upper
178	100		
176	18.3	15.8	23.8
179	13.8	13.0	19.6

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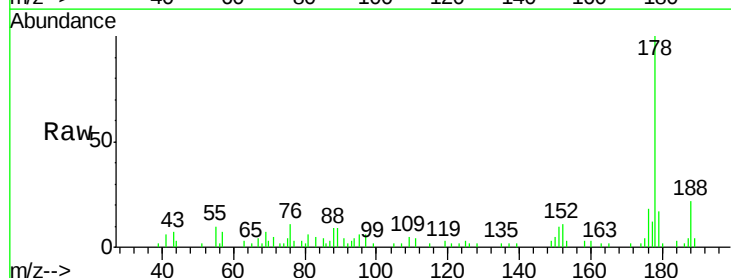


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

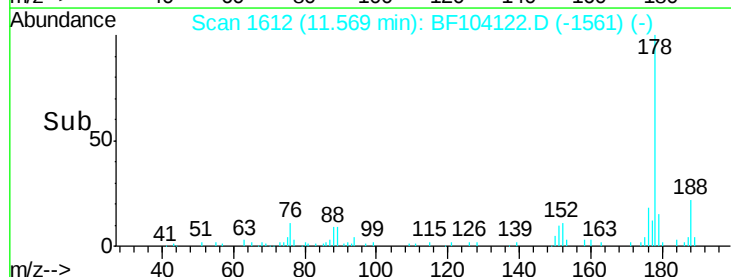
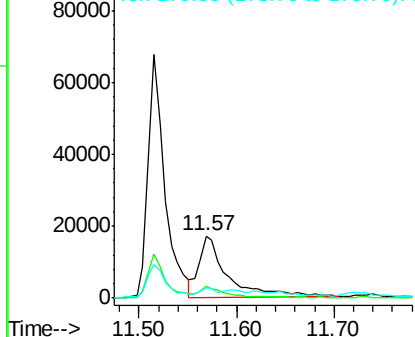


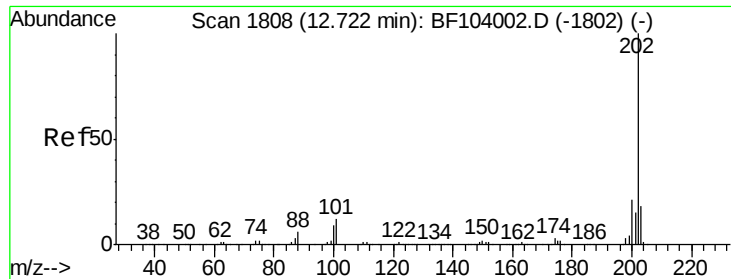
#71
Anthracene
Concen: 2.198 ng
RT: 11.57 min Scan# 1612
Delta R.T. 0.00 min
Lab File: BF104122.D
Acq: 31 Mar 2018 5:24

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.3	15.4	23.2
179	17.0	12.6	19.0



Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E





#74

Fluoranthene

Concen: 9.524 ng

RT: 12.71 min Scan# 1806

Delta R.T. 0.00 min

Lab File: BF104122.D

Acq: 31 Mar 2018 5:24

Instrument :

BNA_F

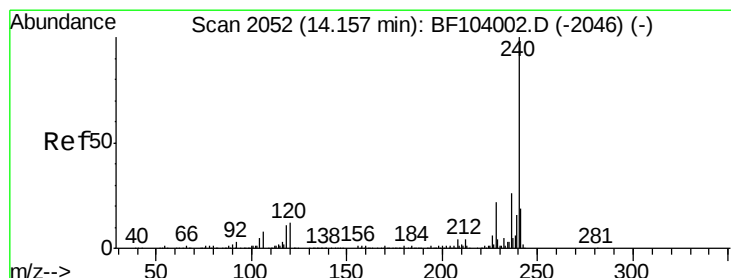
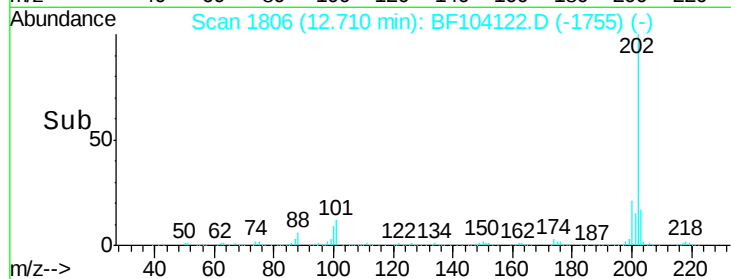
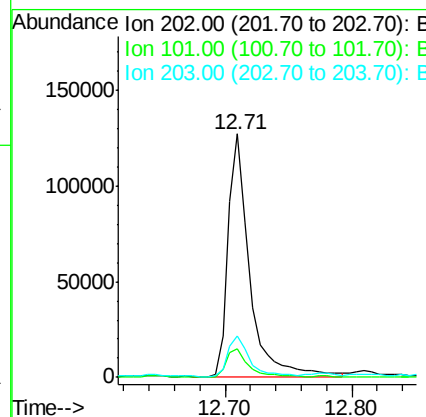
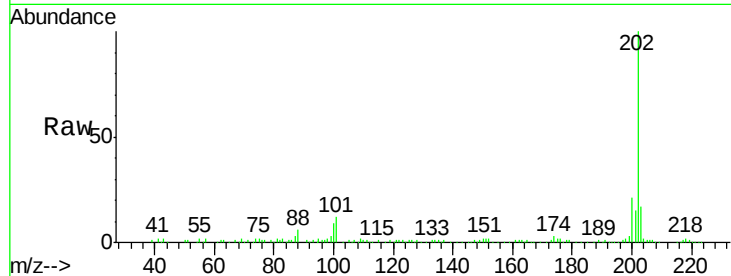
ClientSampleId :

PB-16-COMP

Tot Ion	Ratio	Resp	Lower	Upper
202	100	148928		
101	11.7	0.0	34.1	
203	17.1	0.0	38.1	

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#75

Chrysene-d12

Concen: 20.000 ng

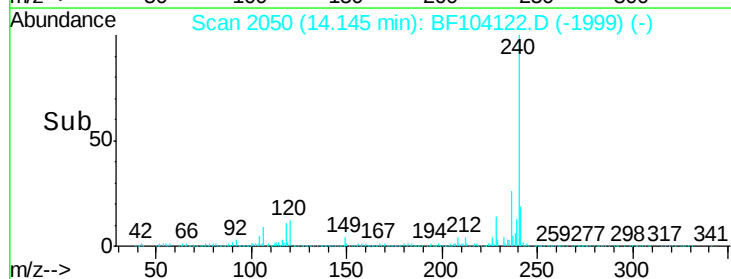
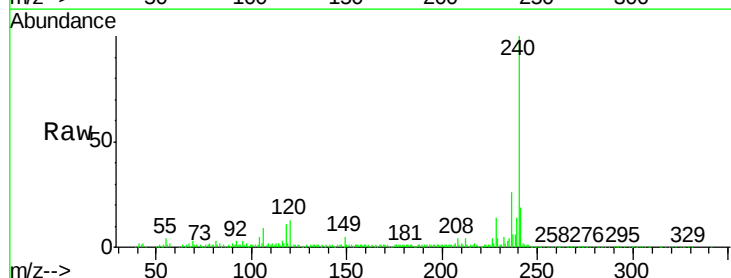
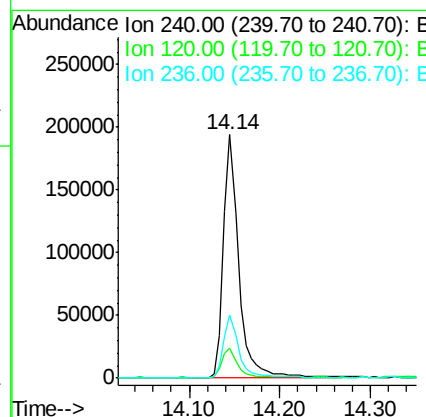
RT: 14.14 min Scan# 2050

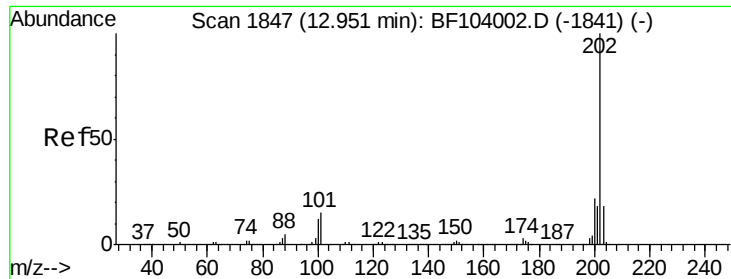
Delta R.T. 0.00 min

Lab File: BF104122.D

Acq: 31 Mar 2018 5:24

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	224998		
120	12.5	9.5	14.3	
236	25.7	20.7	31.1	





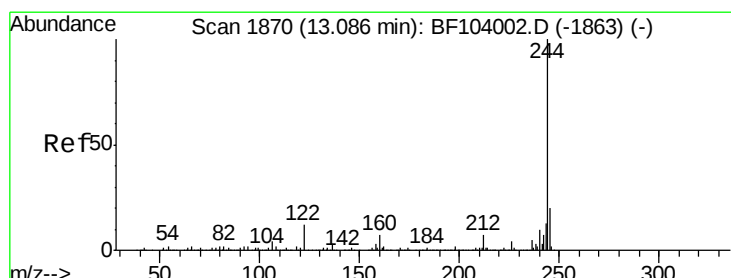
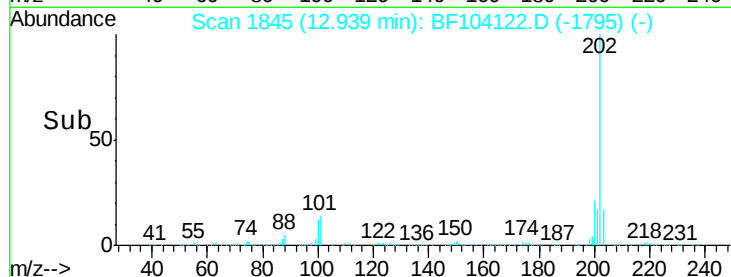
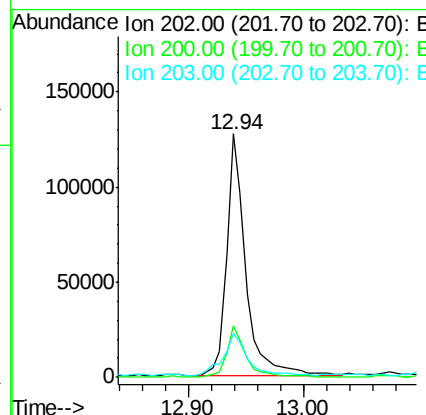
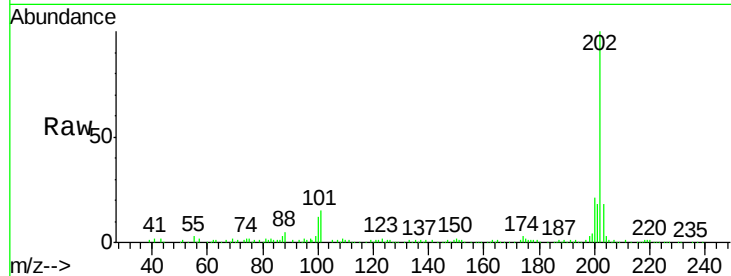
#77
Pvrene
Concen: 9.040 ng
RT: 12.94 min Scan# 1845
Delta R.T. -0.01 min
Lab File: BF104122.D
Acq: 31 Mar 2018 5:24

Instrument :
BNA_F
ClientSampleId :
PB-16-COMP

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.0	17.4	26.2
203	18.1	14.3	21.5

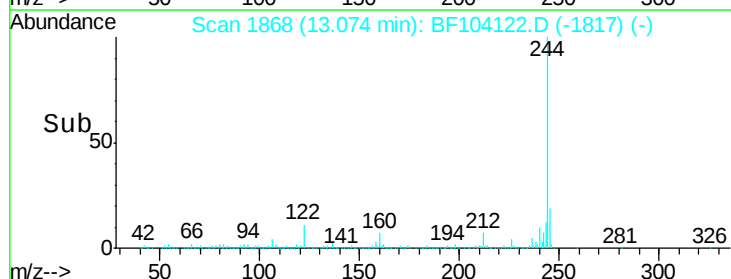
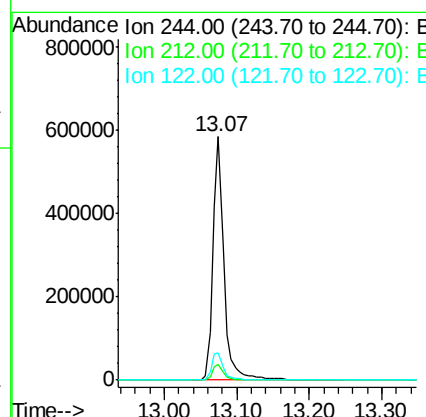
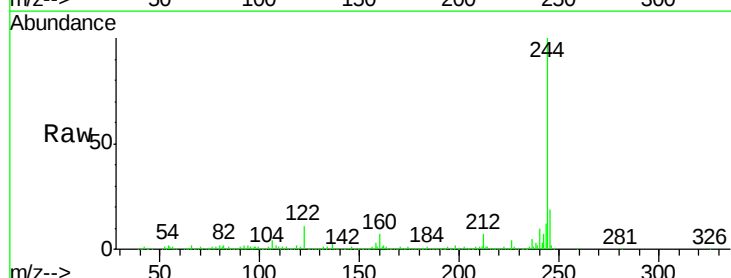
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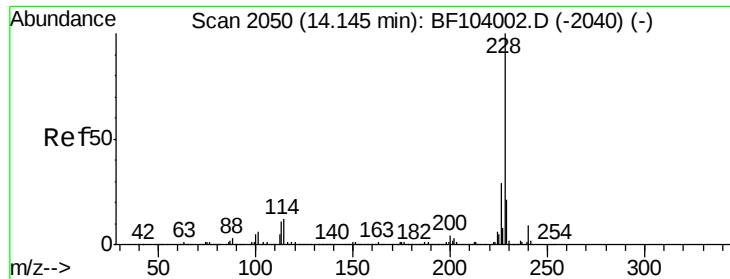
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#78
Terphenyl-d14
Concen: 63.335 ng
RT: 13.07 min Scan# 1868
Delta R.T. 0.00 min
Lab File: BF104122.D
Acq: 31 Mar 2018 5:24

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.4	8.0
122	11.4	11.0	16.4





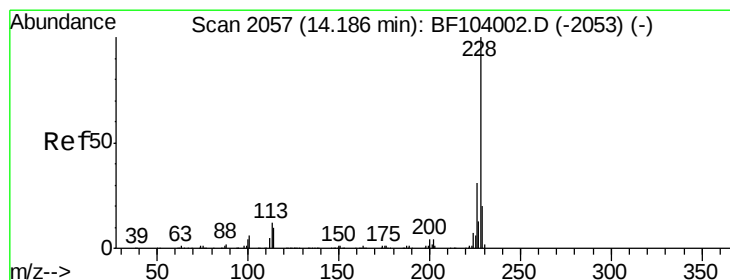
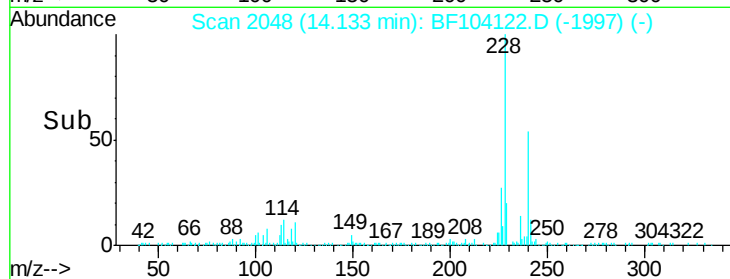
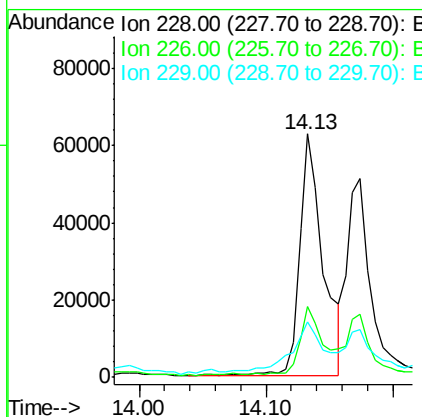
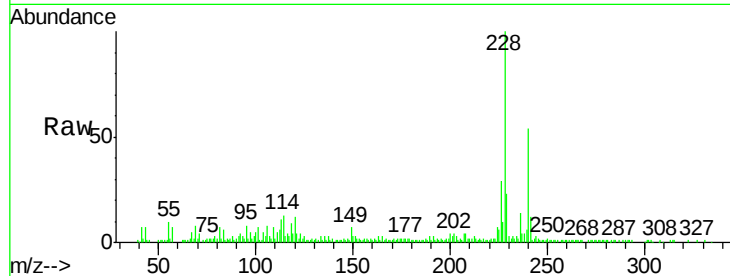
#80
Benzo(a)anthracene
Concen: 5.732 ng
RT: 14.13 min Scan# 2048
Delta R.T. 0.00 min
Lab File: BF104122.D
Acq: 31 Mar 2018 5:24

Instrument :
BNA_F
ClientSampleId :
PB-16-COMP

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.0	22.6	33.8
229	23.0	15.8	23.6

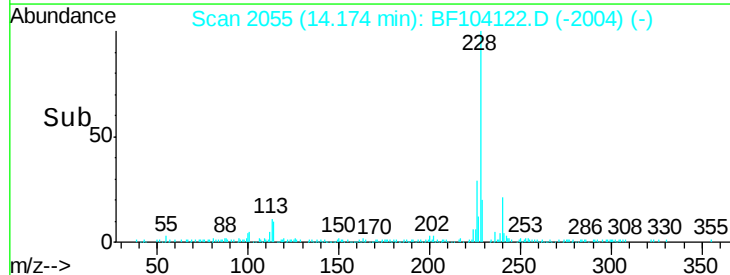
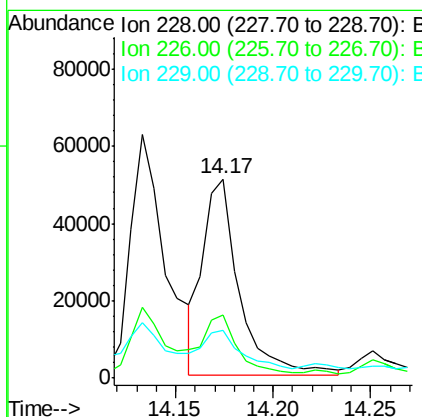
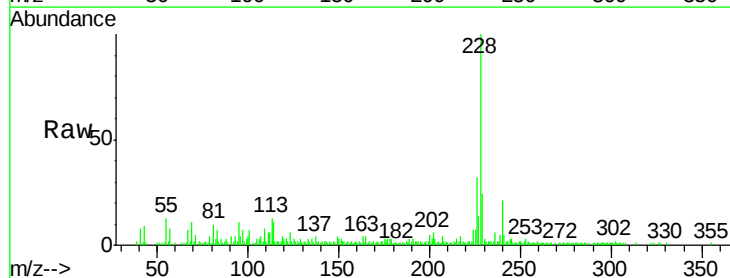
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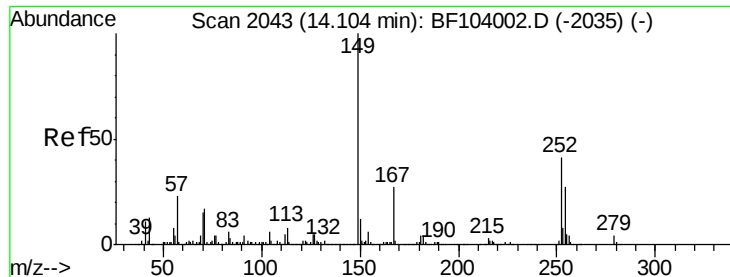
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#82
Chrysene
Concen: 4.835 ng
RT: 14.17 min Scan# 2055
Delta R.T. 0.00 min
Lab File: BF104122.D
Acq: 31 Mar 2018 5:24

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.5	25.0	37.6
229	24.0	16.2	24.4





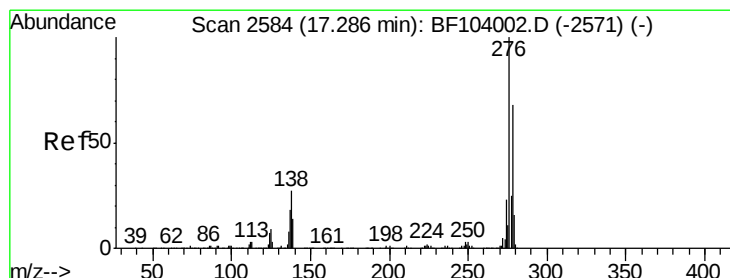
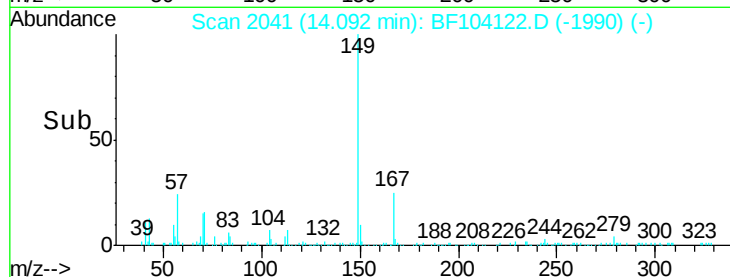
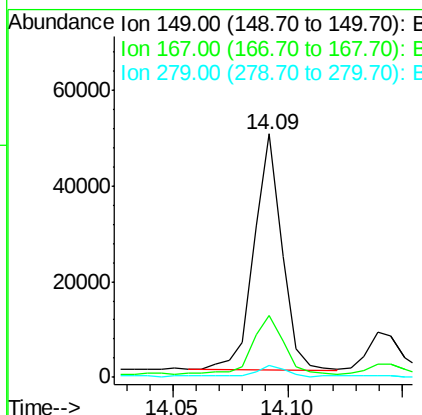
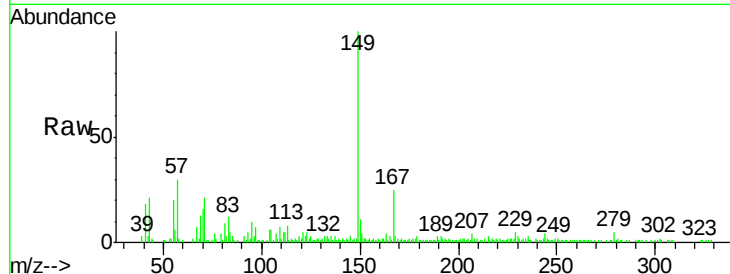
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 4.223 ng/ml
 RT: 14.09 min Scan# 2041
 Delta R.T. 0.00 min
 Lab File: BF104122.D
 Acq: 31 Mar 2018 5:24

Instrument :
 BNA_F
 ClientSampleId :
 PB-16-COMP

Tot Ion:	149	Resp:	41576
Ion Ratio	Lower	Upper	
149	100		
167	25.4	21.3	31.9
279	5.0	3.0	4.4#

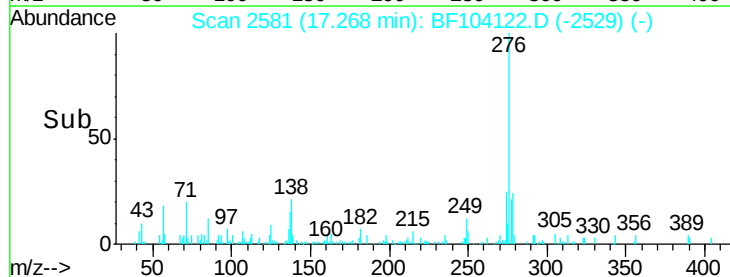
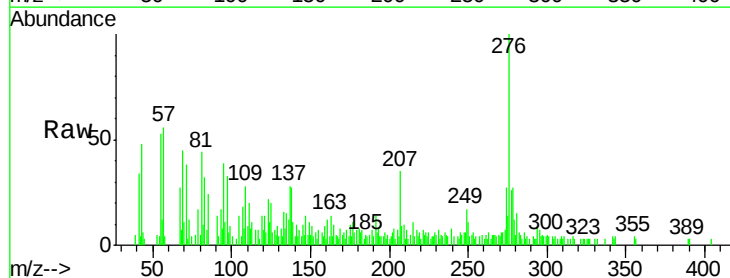
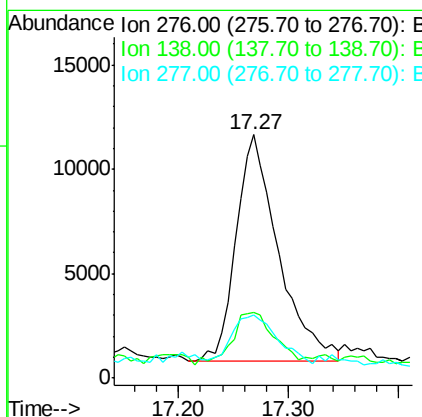
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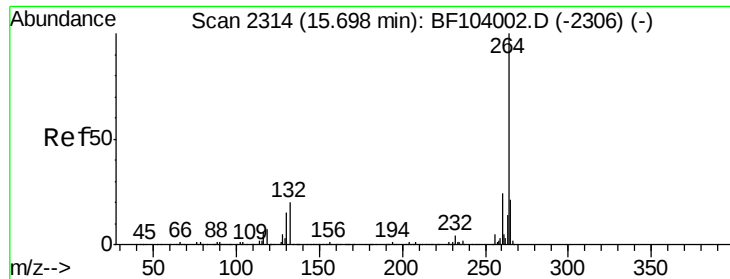
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#85
 Indeno(1,2,3-cd)pyrene
 Concen: 2.039 ng
 RT: 17.27 min Scan# 2581
 Delta R.T. 0.01 min
 Lab File: BF104122.D
 Acq: 31 Mar 2018 5:24

Tgt Ion:	276	Resp:	29139
Ion Ratio	Lower	Upper	
276	100		
138	23.7	25.0	37.6#
277	22.7	20.1	30.1





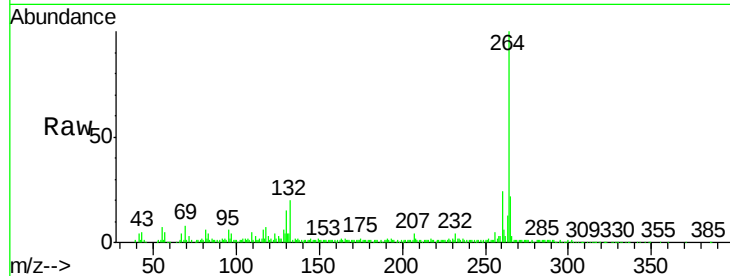
#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.69 min Scan# 2312
Delta R.T. 0.01 min
Lab File: BF104122.D
Acq: 31 Mar 2018 5:24

Instrument :
BNA_F
ClientSampled :
PB-16-COMP

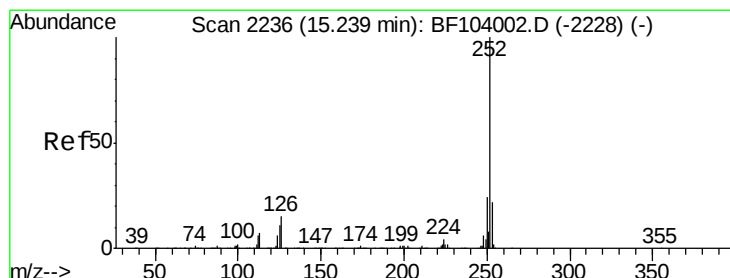
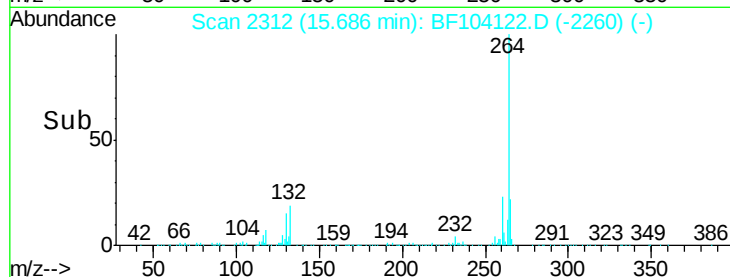
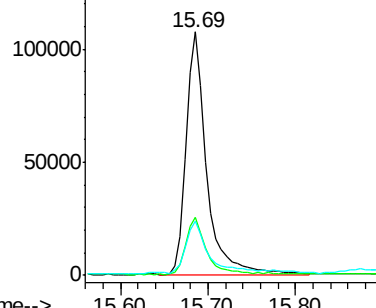
Tot Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.2	28.8
265	22.3	17.5	26.3

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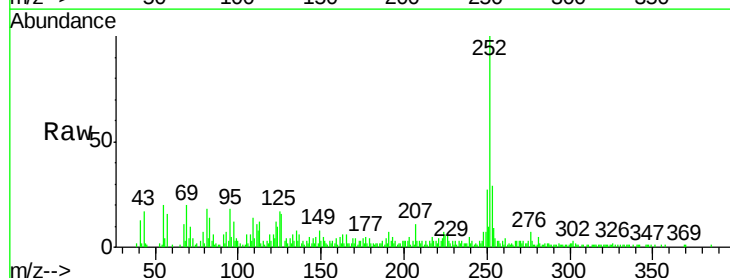


Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

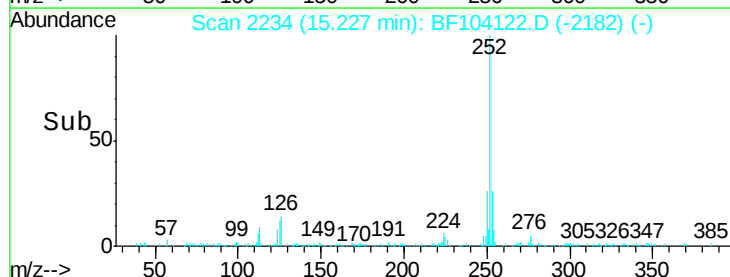
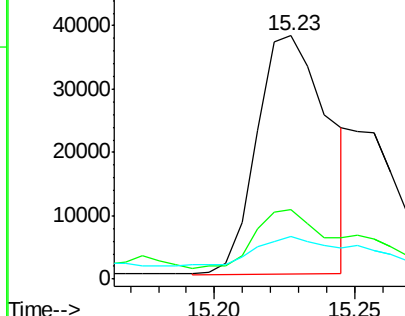


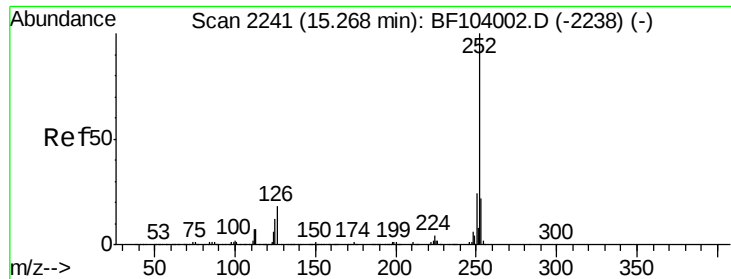
#87
Benzo(b)fluoranthene
Concen: 6.245 ng m
RT: 15.23 min Scan# 2234
Delta R.T. 0.01 min
Lab File: BF104122.D
Acq: 31 Mar 2018 5:24

Tgt Ion	Ratio	Lower	Upper
252	100		
253	28.7	17.0	25.6#
125	17.4	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





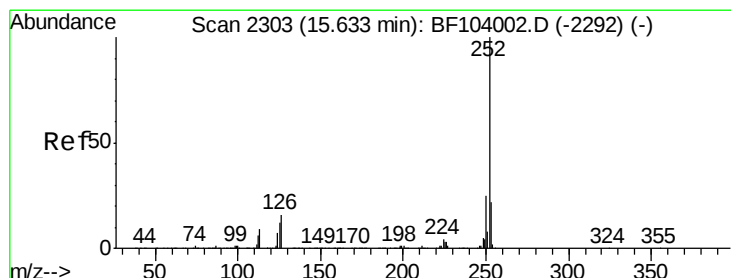
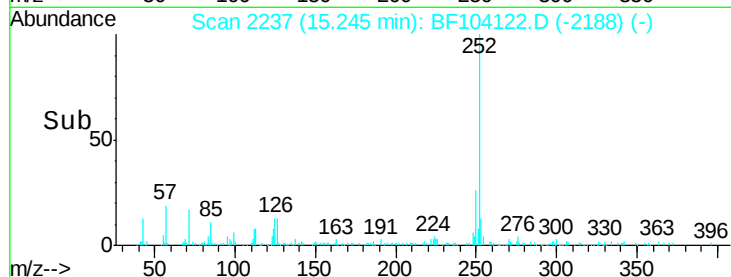
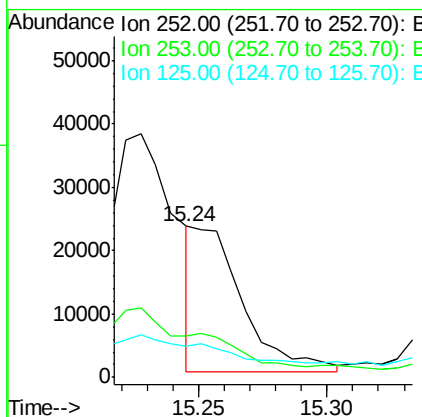
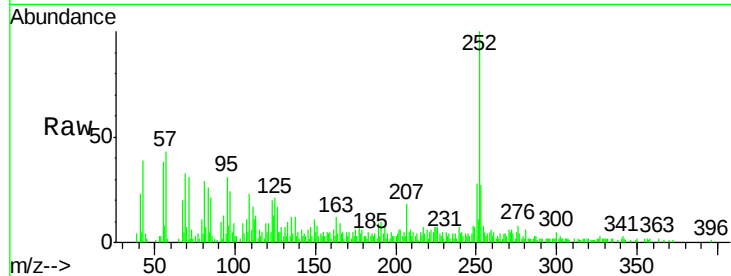
#88
Benzo(k)fluoranthene
Concen: 3.000 ng m
RT: 15.24 min Scan# 2237
Delta R.T. -0.01 min
Lab File: BF104122.D
Acq: 31 Mar 2018 5:24

Instrument :
BNA_F
ClientSampleId :
PB-16-COMP

Tot Ion	Ratio	Lower	Upper
252	100		
253	27.2	17.9	26.9#
125	20.5	10.2	15.2#

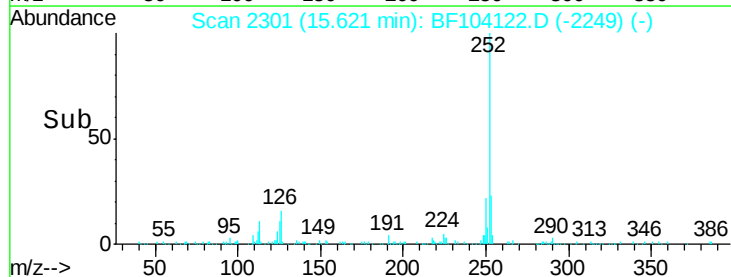
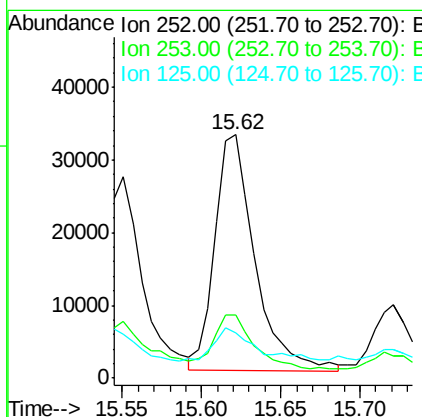
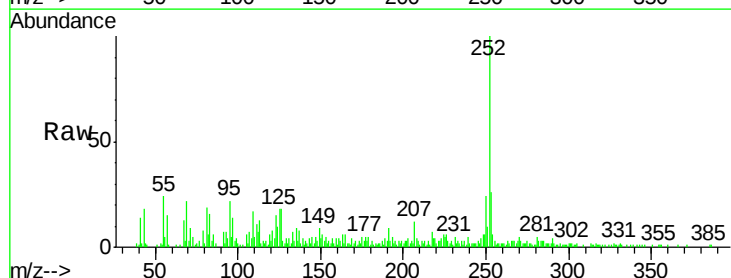
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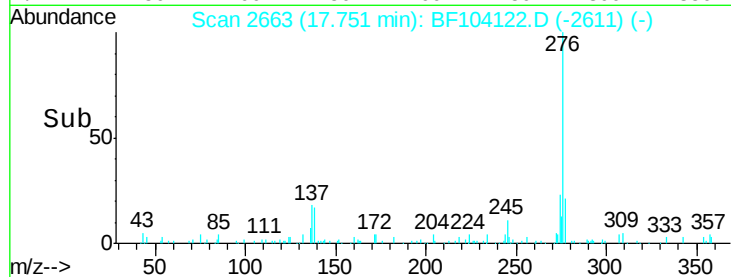
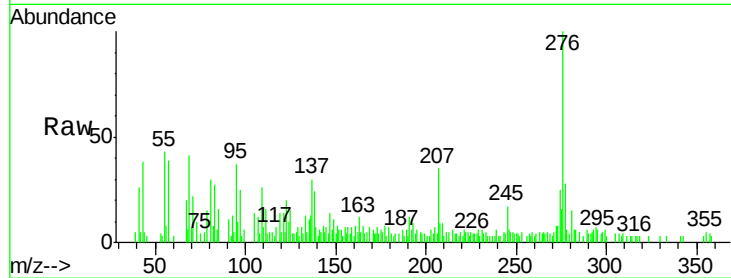
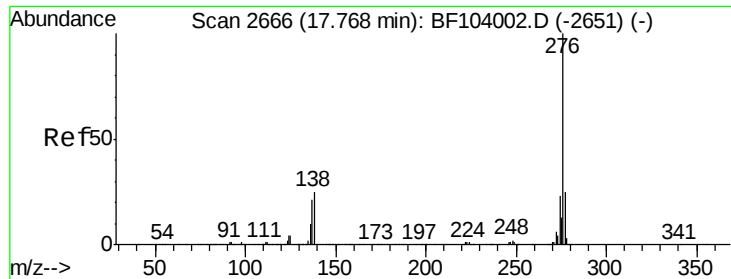
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#89
Benzo(a)pyrene
Concen: 5.792 ng
RT: 15.62 min Scan# 2301
Delta R.T. 0.01 min
Lab File: BF104122.D
Acq: 31 Mar 2018 5:24

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.8	17.1	25.7#
125	18.4	9.8	14.6#





#91

Benzo(a,h,i)perylene

Concen: 3.836 ng

RT: 17.75 min Scan# 2663

Delta R.T. 0.01 min

Lab File: BF104122.D

Acq: 31 Mar 2018 5:24

Instrument :

BNA_F

ClientSampleId :

PB-16-COMP

Tot Ion	Ratio	Lower	Upper
276	100		
277	27.9	17.9	26.9#
138	24.4	21.8	32.8

Manual Integrations
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