

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032918\
 Data File : BF104075.D
 Acq On : 30 Mar 2018 3:05
 Operator : JU/SJ
 Sample : J2122-06 2X
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB-14-COMP

Manual Integrations
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Quant Time: Mar 30 07:14:33 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 28 13:41:47 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	113151	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	488346	20.00	ng	0.00
38) Acenaphthene-d10	10.00	164	207904	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	315460	20.00	ng	0.00
75) Chrysene-d12	14.16	240	238047	20.00	ng	0.00
86) Perylene-d12	15.70	264	233230	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	330289	46.55	ng	0.00
7) Phenol-d6	6.59	99	479208	54.90	ng	-0.01
23) Nitrobenzene-d5	7.53	82	275901	34.55	ng	0.00
41) 2,4,6-Tribromophenol	10.80	330	101675	43.92	ng	0.00
44) 2-Fluorobiphenyl	9.32	172	502757	38.13	ng	0.00
78) Terphenyl-d14	13.08	244	328023	31.82	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	9.71	163	40284	2.454	ng	99
70) Phenanthrene	11.53	178	43842	2.567	ng	99
74) Fluoranthene	12.72	202	72633	4.001	ng	96
77) Pyrene	12.95	202	66684	3.897	ng	99
80) Benzo(a)anthracene	14.14	228	39869m	2.677	ng	
82) Chrysene	14.18	228	31335	2.148	ng	98
87) Benzo(b)fluoranthene	15.24	252	41158m	2.900	ng	
89) Benzo(a)pyrene	15.63	252	32850	2.497	ng	# 87

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

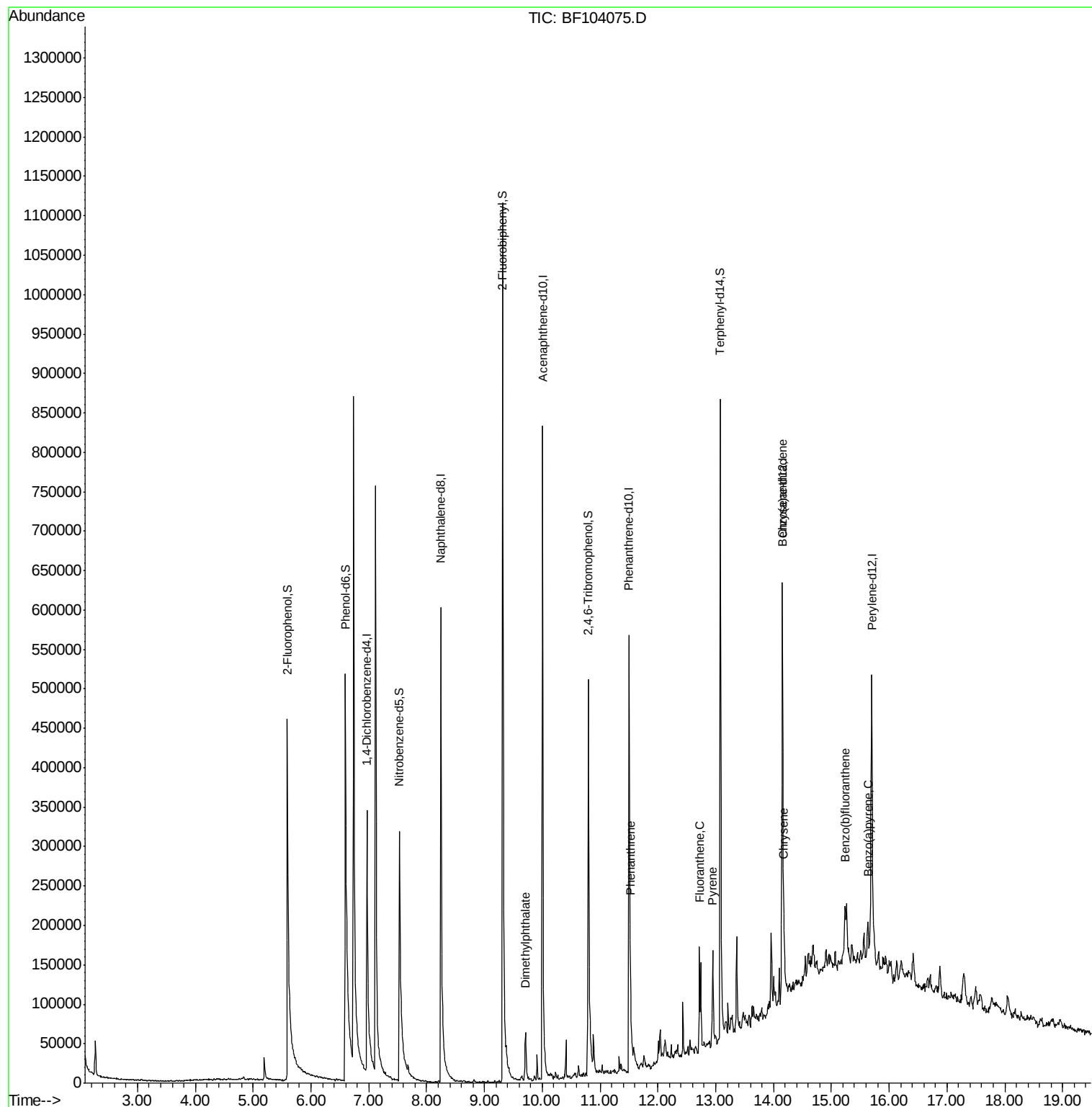
Data Path : Z:\HPCHEM1\BNA F\DATA\BF032918\
Data File : BF104075.D
Acq On : 30 Mar 2018 3:05
Operator : JU/SJ
Sample : J2122-06 2X
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB-14-COMP

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#1

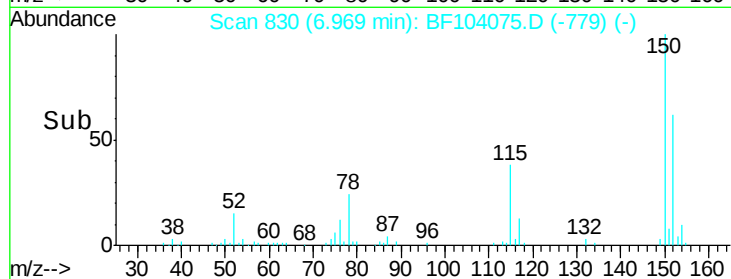
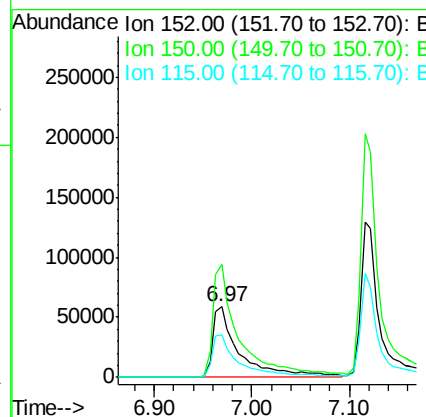
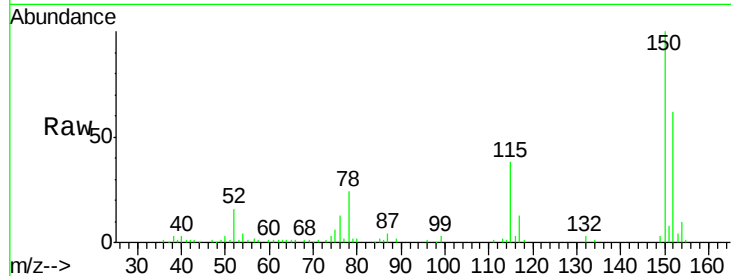
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 830
Delta R.T. -0.00 min
Lab File: BF104075.D
Acq: 30 Mar 2018 3:05

Instrument :
BNA_F
ClientSampleId :
PB-14-COMP

Tot Ion	Ratio	Lower	Upper
152	100		
150	160.2	124.6	186.8
115	61.6	50.1	75.1

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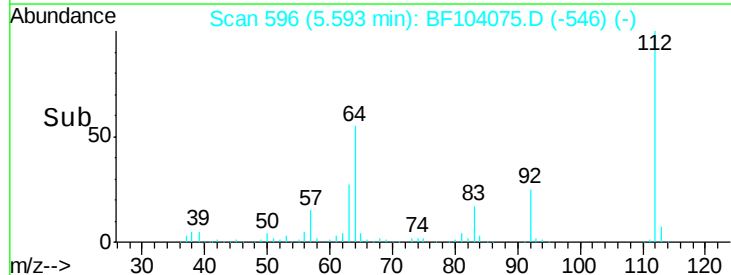
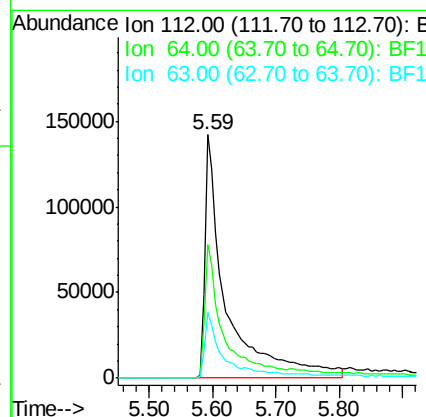
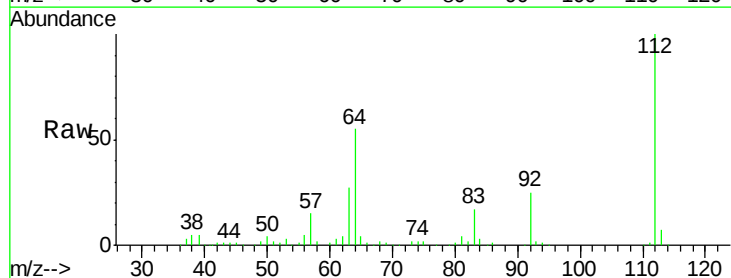
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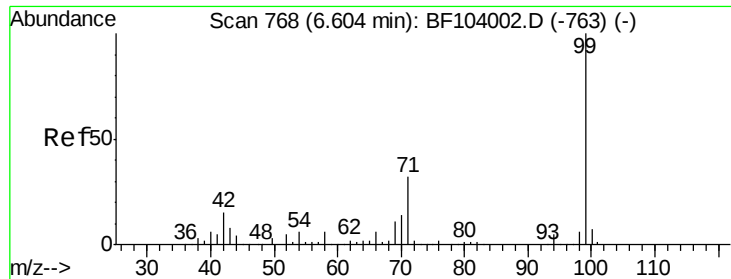


#5

2-Fluorophenol
Concen: 46.551 ng
RT: 5.59 min Scan# 596
Delta R.T. -0.01 min
Lab File: BF104075.D
Acq: 30 Mar 2018 3:05

Tgt Ion	Ratio	Lower	Upper
112	100		
64	55.0	47.9	71.9
63	26.8	23.7	35.5





#7

Phenol-d6

Concen: 54.897 ng

RT: 6.59 min Scan# 766

Delta R.T. -0.01 min

Lab File: BF104075.D

Acq: 30 Mar 2018 3:05

Instrument :

BNA_F

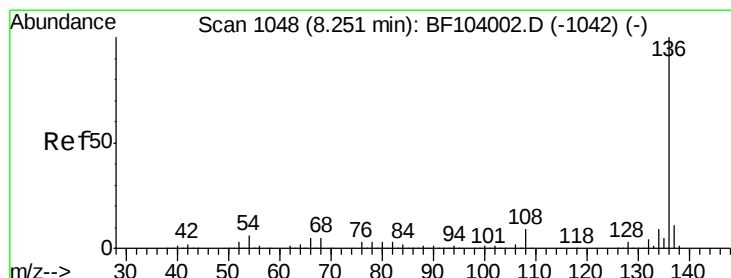
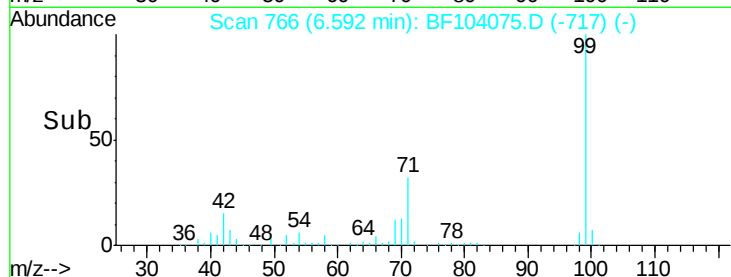
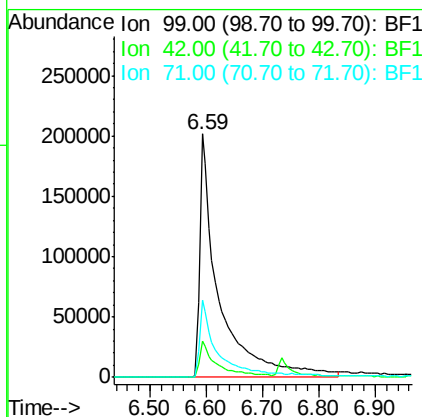
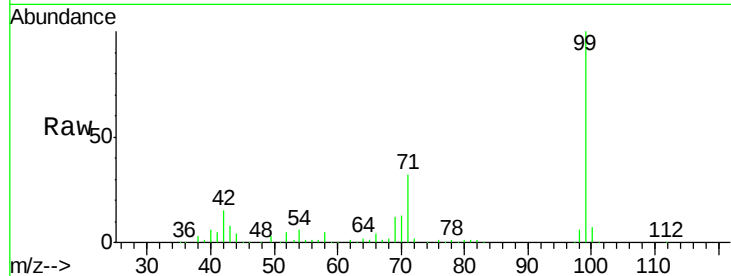
ClientSampled :

PB-14-COMP

Tot Ion:	99	Resp:	479208
Ion Ratio	Lower	Upper	
99	100		
42	15.0	14.5	21.7
71	31.6	25.4	38.0

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#21

Naphthalene-d8

Concen: 20.000 ng

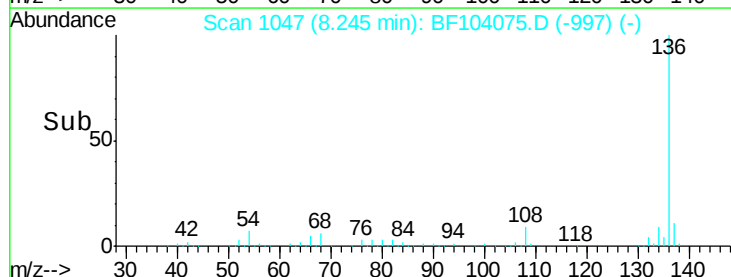
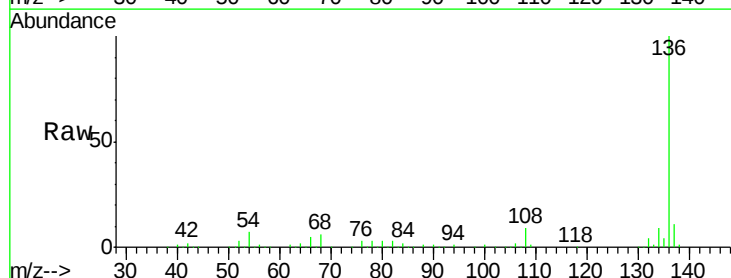
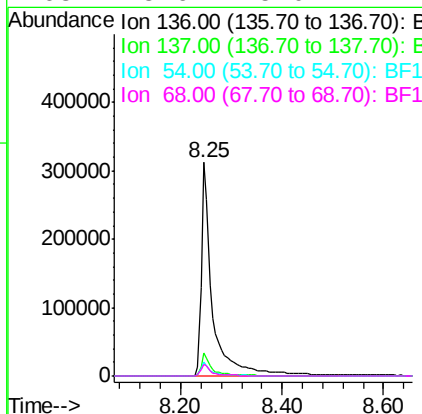
RT: 8.25 min Scan# 1047

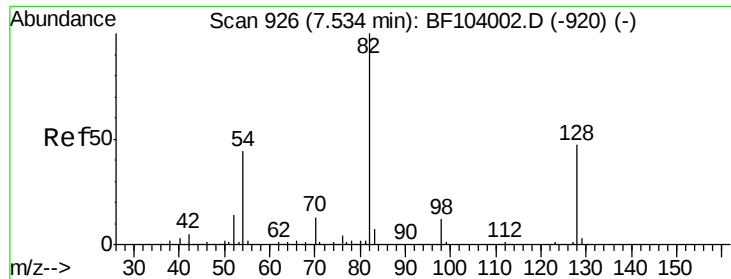
Delta R.T. -0.01 min

Lab File: BF104075.D

Acq: 30 Mar 2018 3:05

Tgt Ion:	136	Resp:	488346
Ion Ratio	Lower	Upper	
136	100		
137	10.8	8.9	13.3
54	6.8	6.6	9.8
68	5.6	5.0	7.4





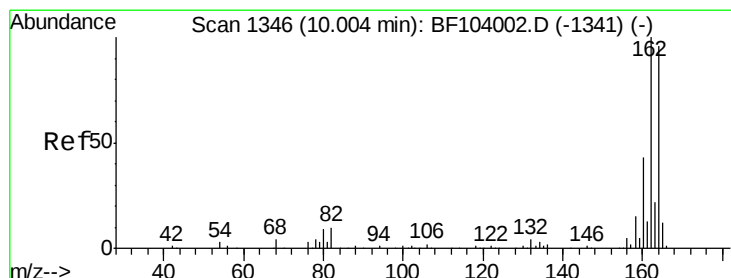
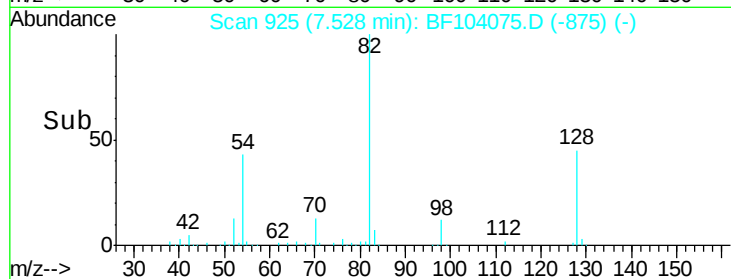
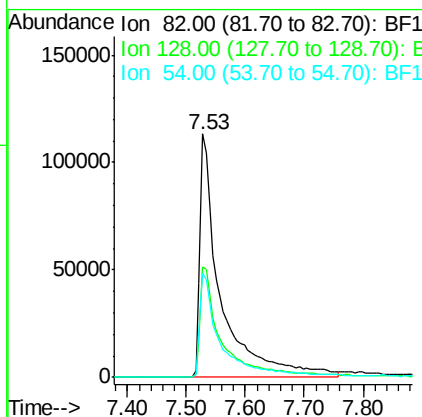
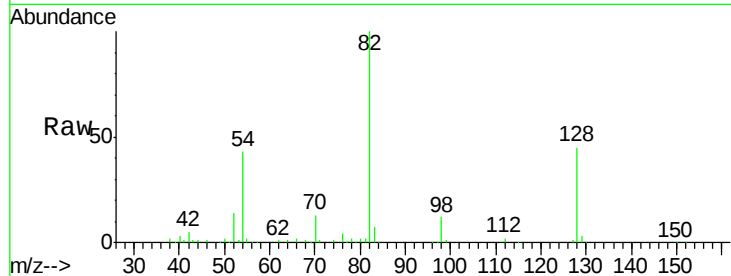
#23
 Nitrobenzene-d5
 Concen: 34.551 ng
 RT: 7.53 min Scan# 925
 Delta R.T. -0.01 min
 Lab File: BF104075.D
 Acq: 30 Mar 2018 3:05

Instrument :
 BNA_F
 ClientSampleId :
 PB-14-COMP

Tot Ion	Ratio	Lower	Upper
82	100		
128	45.2	36.1	54.1
54	42.8	41.4	62.2

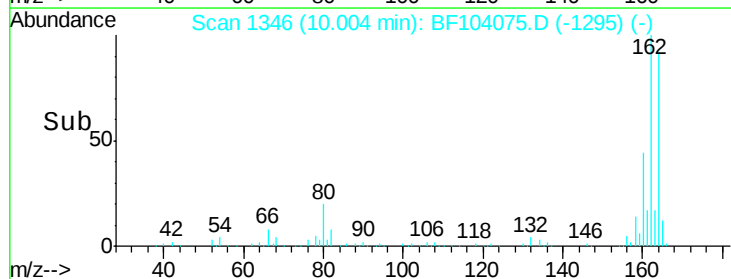
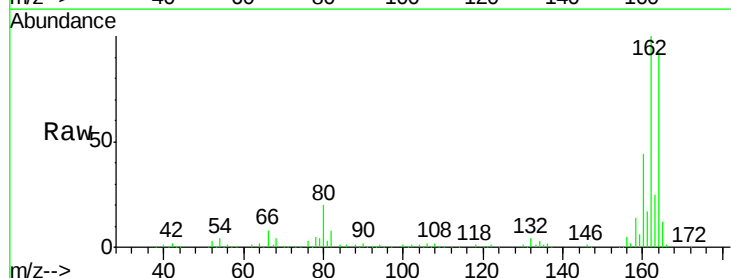
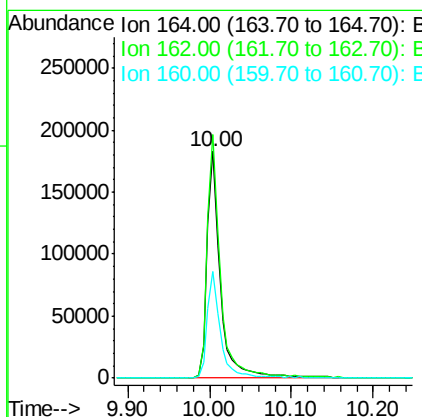
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#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.00 min Scan# 1346
 Delta R.T. -0.00 min
 Lab File: BF104075.D
 Acq: 30 Mar 2018 3:05

Tgt Ion	Ratio	Lower	Upper
164	100		
162	107.5	86.1	129.1
160	46.9	38.3	57.5





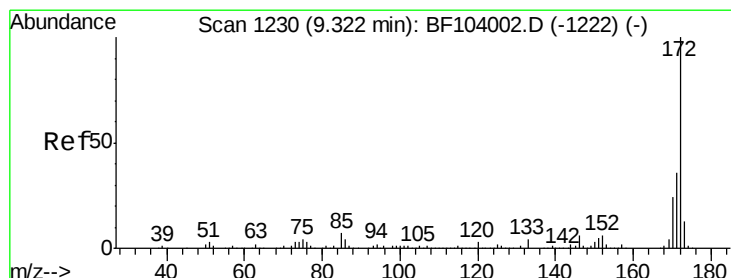
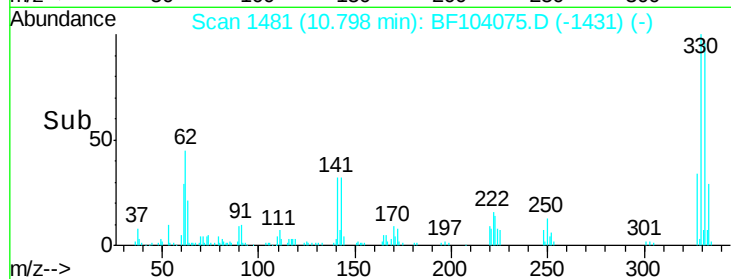
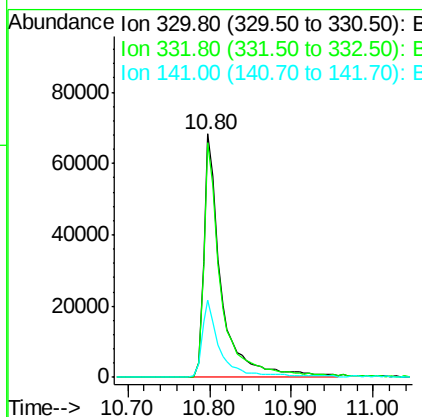
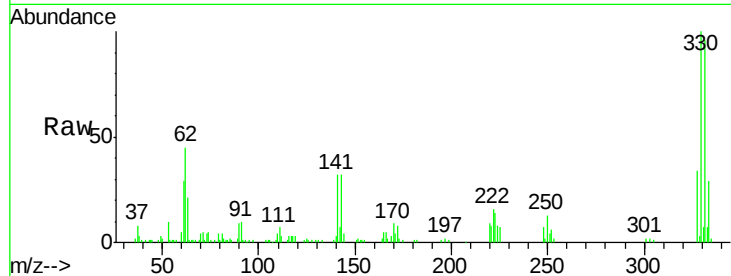
#41
 2,4,6-Tribromophenol
 Concen: 43.920 ng
 RT: 10.80 min Scan# 1481
 Delta R.T. -0.01 min
 Lab File: BF104075.D
 Acq: 30 Mar 2018 3:05

Instrument :
 BNA_F
 ClientSampleId :
 PB-14-COMP

Tot Ion	Ratio	Resp	Lower	Upper
330	100	101675		
332	95.5	77.0	115.6	
141	33.0	29.9	44.9	

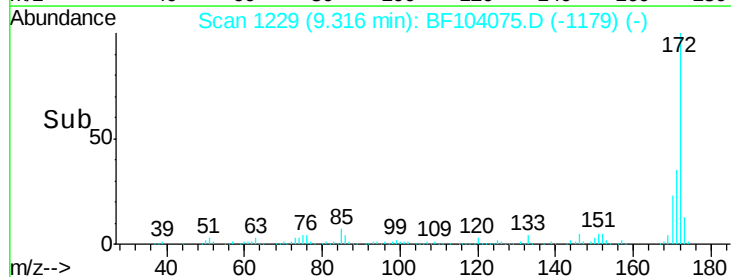
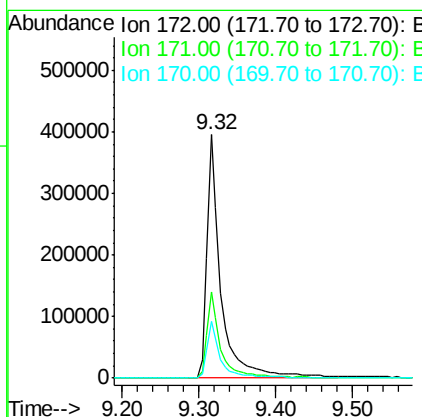
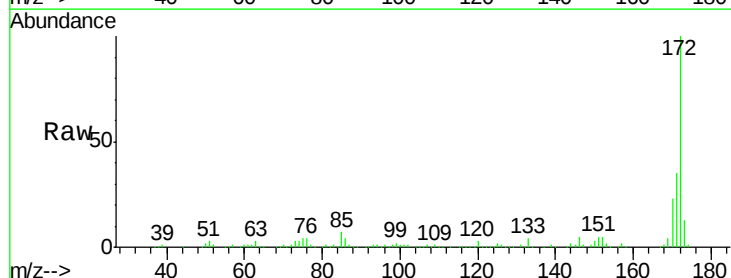
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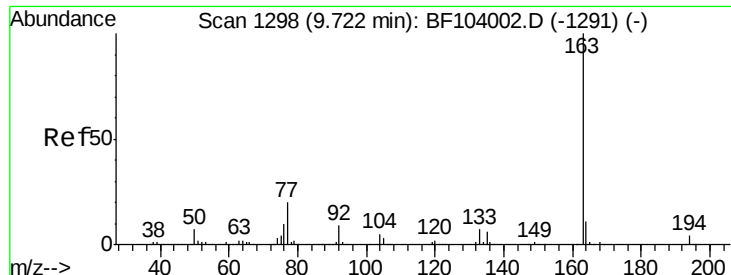
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#44
 2-Fluorobiphenyl
 Concen: 38.133 ng
 RT: 9.32 min Scan# 1229
 Delta R.T. -0.01 min
 Lab File: BF104075.D
 Acq: 30 Mar 2018 3:05

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	502757		
171	35.2	29.7	44.5	
170	23.2	19.6	29.4	





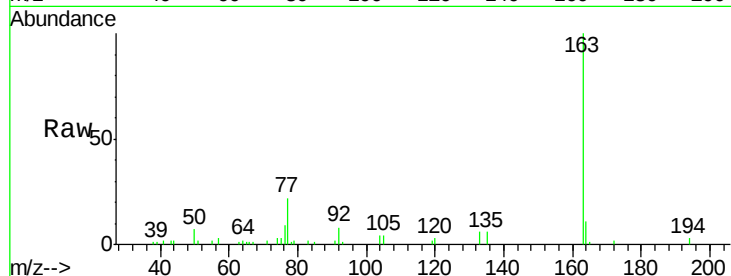
#49
Dimethylphthalate
Concen: 2.454 ng
RT: 9.71 min Scan# 1296
Delta R.T. -0.01 min
Lab File: BF104075.D
Acq: 30 Mar 2018 3:05

Instrument :
BNA_F
ClientSampleId :
PB-14-COMP

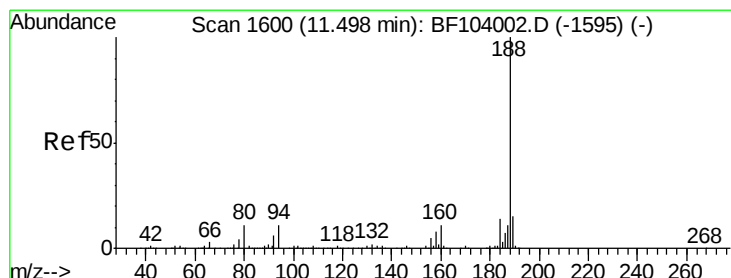
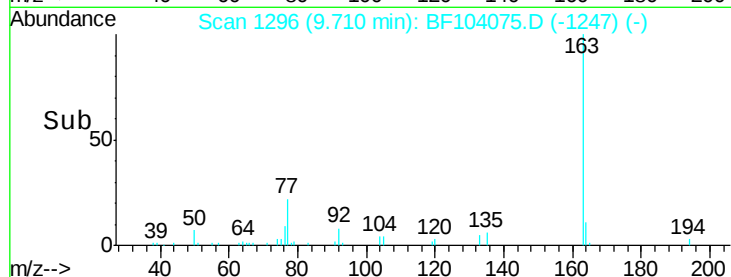
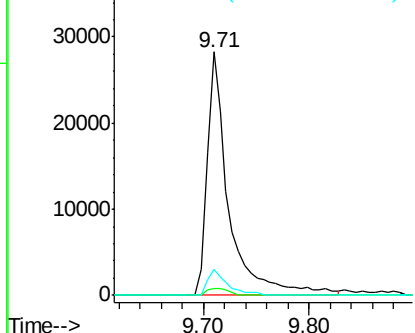
Tot Ion:	163	Resp:	40284
Ion Ratio	Lower	Upper	
163	100		
194	3.0	2.7	4.1
164	10.6	8.2	12.2

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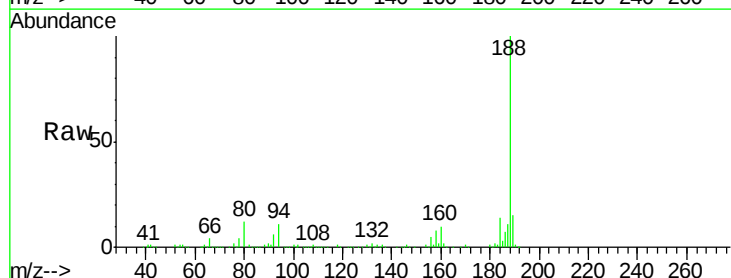


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

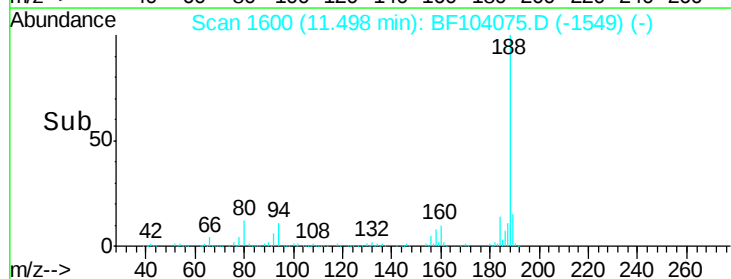
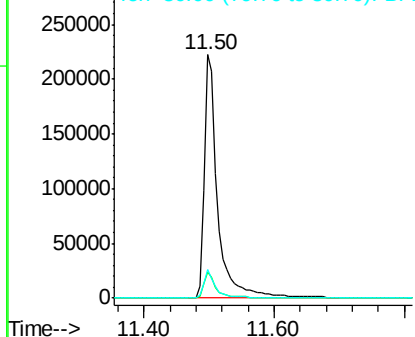


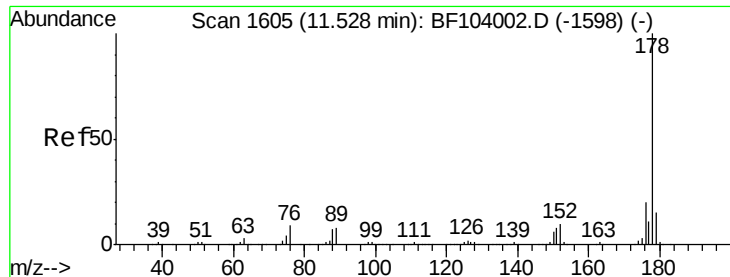
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1600
Delta R.T. -0.00 min
Lab File: BF104075.D
Acq: 30 Mar 2018 3:05

Tgt Ion:	188	Resp:	315460
Ion Ratio	Lower	Upper	
188	100		
94	10.7	8.5	12.7
80	11.5	9.2	13.8



Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1





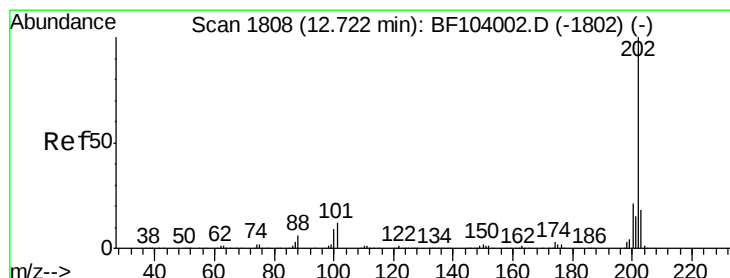
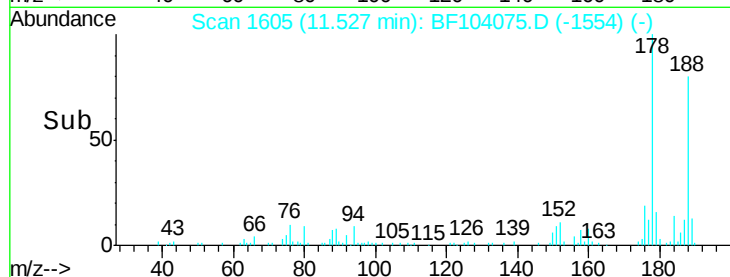
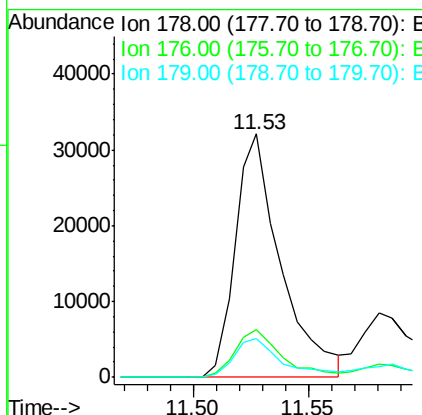
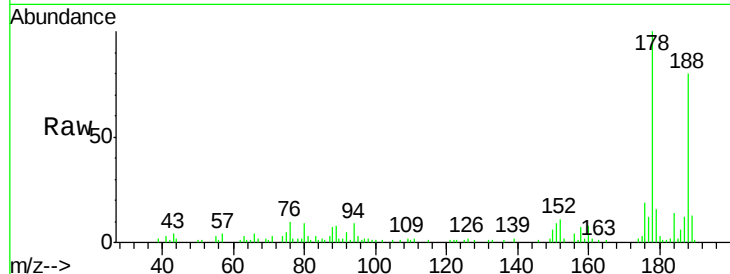
#70
Phenanthrene
Concen: 2.567 ng
RT: 11.53 min Scan# 1605
Delta R.T. -0.00 min
Lab File: BF104075.D
Acq: 30 Mar 2018 3:05

Instrument :
BNA_F
ClientSampleId :
PB-14-COMP

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.8	23.8
179	16.0	13.0	19.6

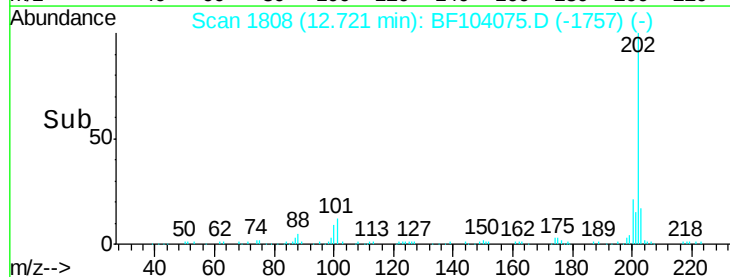
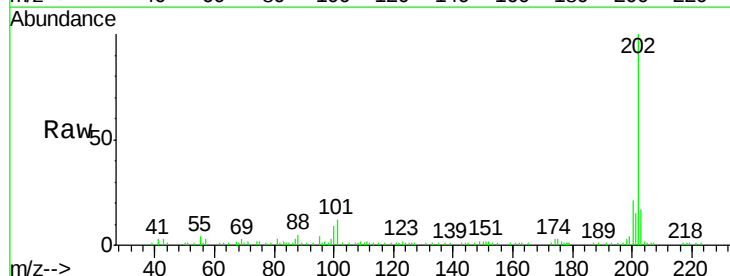
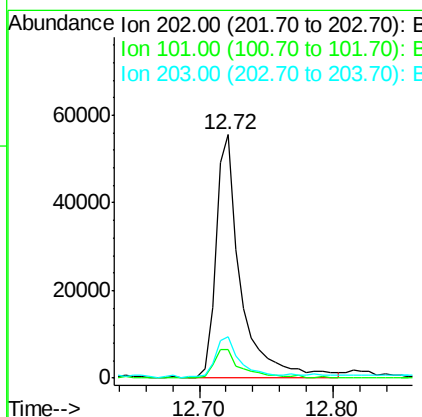
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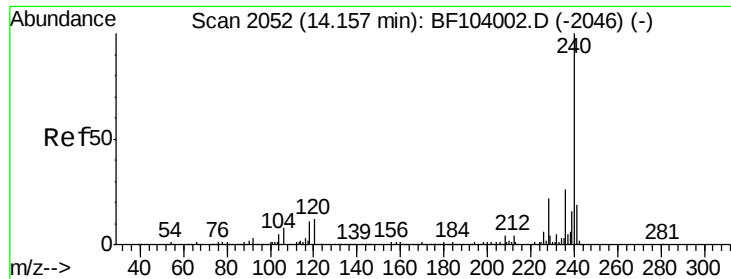
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#74
Fluoranthene
Concen: 4.001 ng
RT: 12.72 min Scan# 1808
Delta R.T. -0.00 min
Lab File: BF104075.D
Acq: 30 Mar 2018 3:05

Tgt Ion	Ratio	Lower	Upper
202	100		
101	11.7	0.0	34.1
203	17.0	0.0	38.1





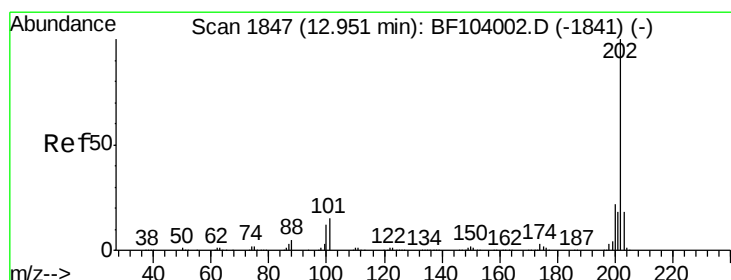
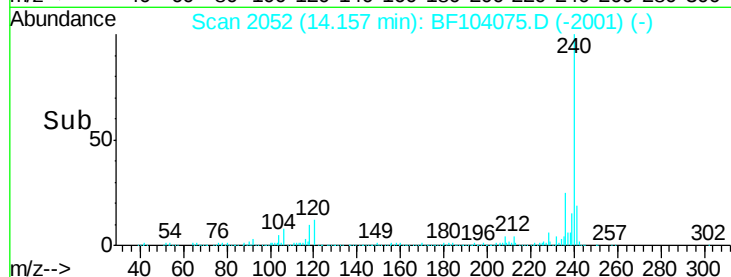
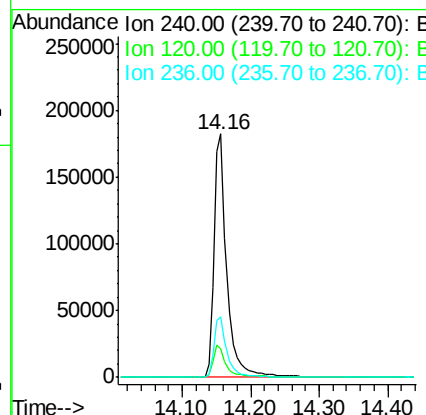
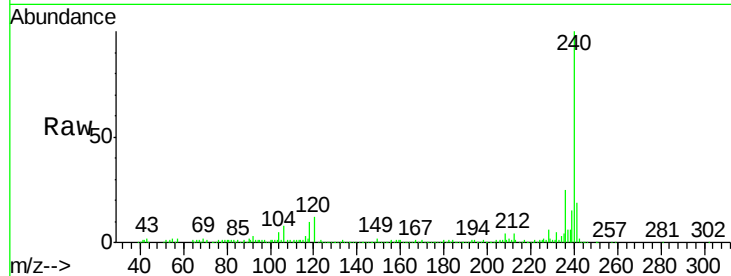
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.16 min Scan# 2052
Delta R.T. -0.00 min
Lab File: BF104075.D
Acq: 30 Mar 2018 3:05

Instrument :
BNA_F
ClientSampled :
PB-14-COMP

Tot Ion	Ratio	Lower	Upper
240	100		
120	11.9	9.5	14.3
236	25.0	20.7	31.1

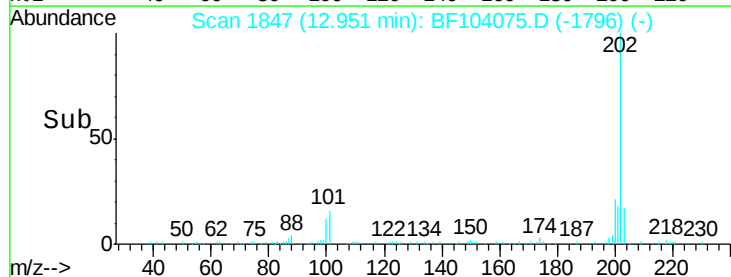
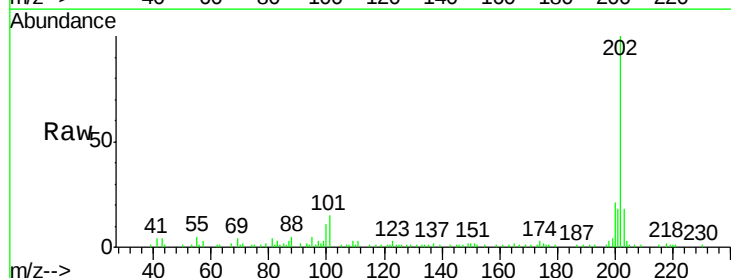
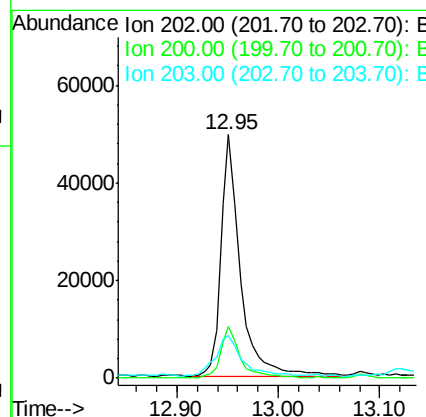
Manual Integrations
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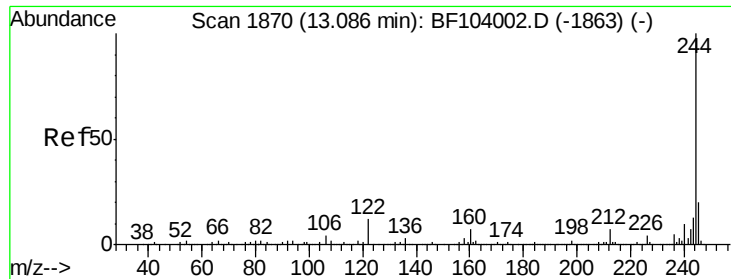
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#77
Pyrene
Concen: 3.897 ng
RT: 12.95 min Scan# 1847
Delta R.T. -0.00 min
Lab File: BF104075.D
Acq: 30 Mar 2018 3:05

Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.1	17.4	26.2
203	17.8	14.3	21.5





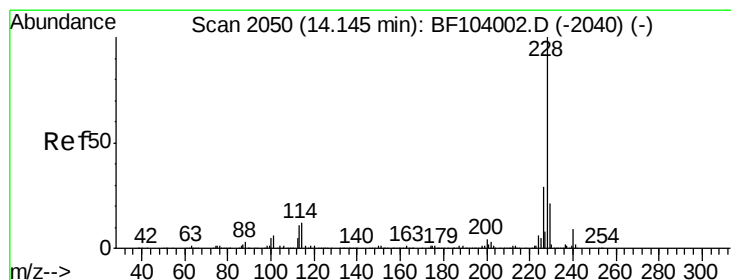
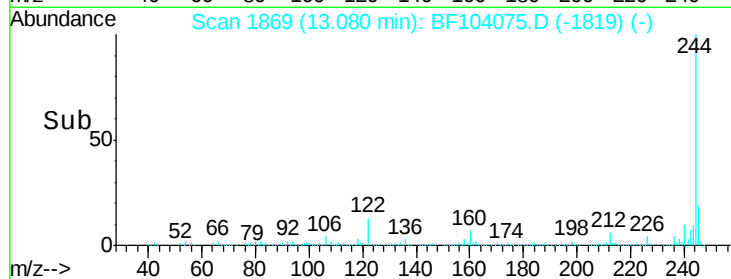
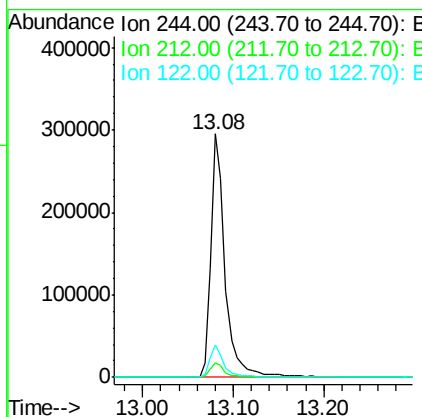
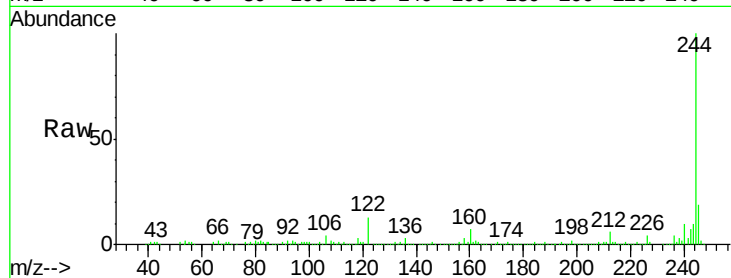
#78
 Terphenyl-d14
 Concen: 31.817 ng
 RT: 13.08 min Scan# 1869
 Delta R.T. -0.01 min
 Lab File: BF104075.D
 Acq: 30 Mar 2018 3:05

Instrument :
 BNA_F
 ClientSampleId :
 PB-14-COMP

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.1	5.4	8.0
122	13.1	11.0	16.4

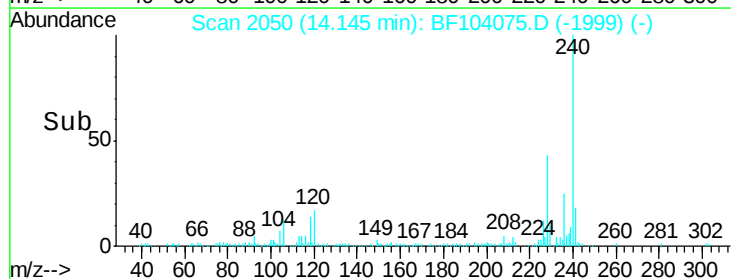
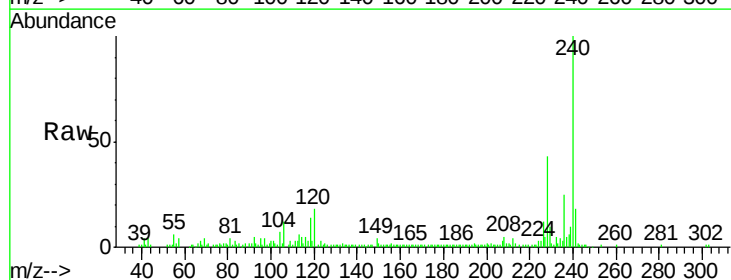
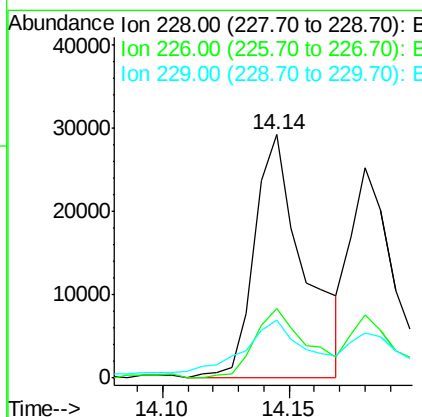
Manual Integrations
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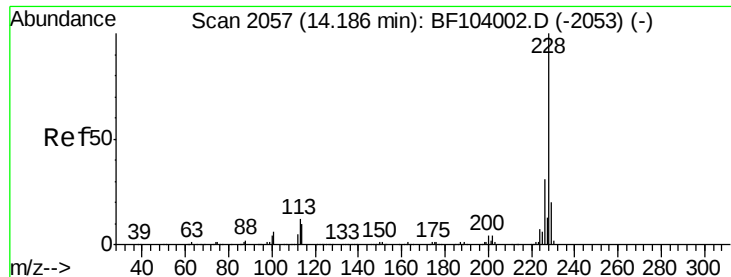
Sohil
 3/30/2018 6:03:14 PM



#80
 Benzo(a)anthracene
 Concen: 2.677 ng m
 RT: 14.14 min Scan# 2050
 Delta R.T. -0.00 min
 Lab File: BF104075.D
 Acq: 30 Mar 2018 3:05

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.6	22.6	33.8
229	23.8	15.8	23.6#





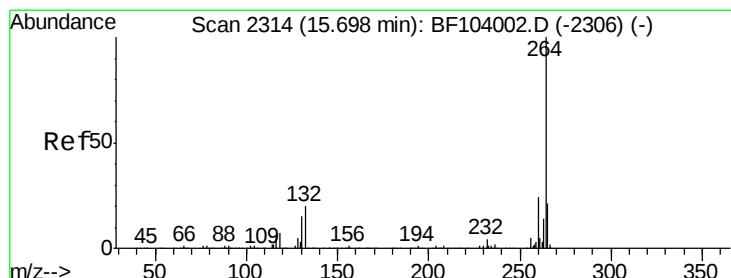
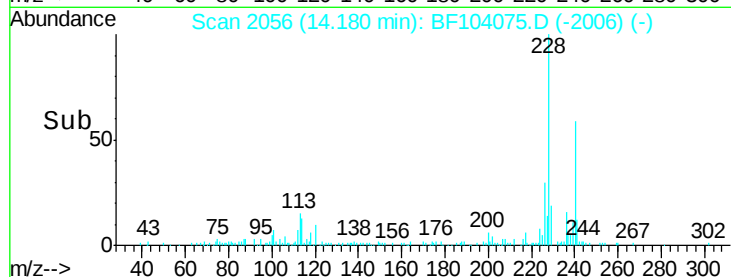
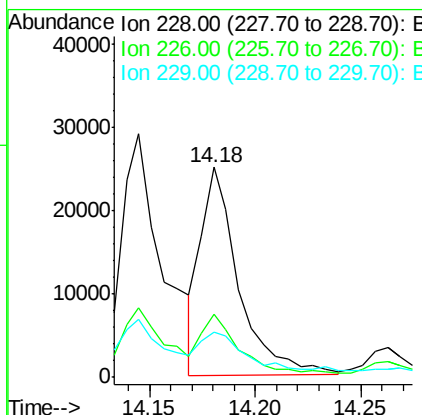
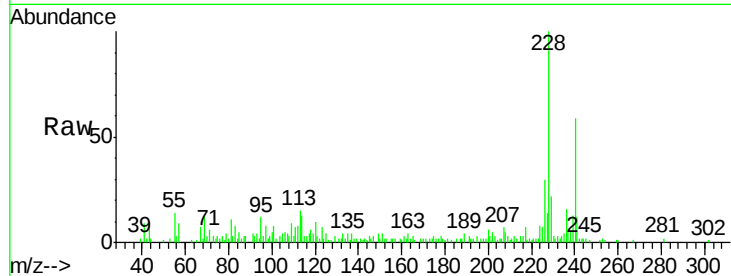
#82
Chrysene
Concen: 2.148 ng
RT: 14.18 min Scan# 2056
Delta R.T. -0.01 min
Lab File: BF104075.D
Acq: 30 Mar 2018 3:05

Instrument :
BNA_F
ClientSampleId :
PB-14-COMP

Tot Ion:	228	Resp:	31335
Ion Ratio	Lower	Upper	
228	100		
226	30.2	25.0	37.6
229	21.6	16.2	24.4

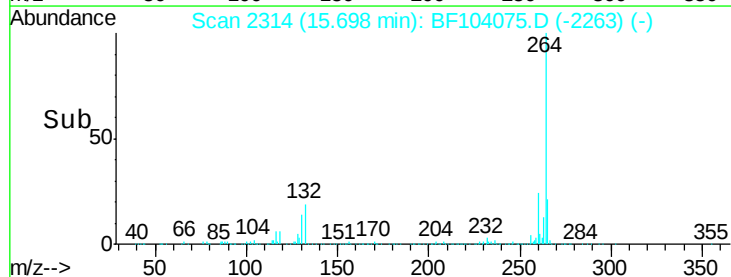
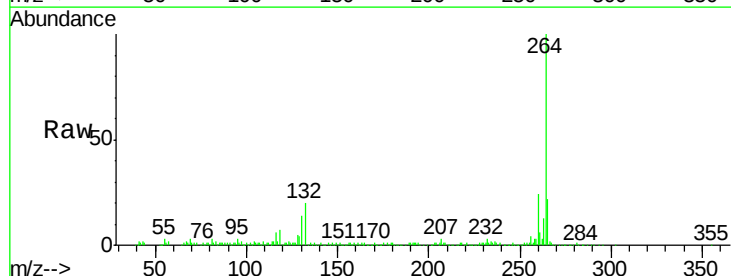
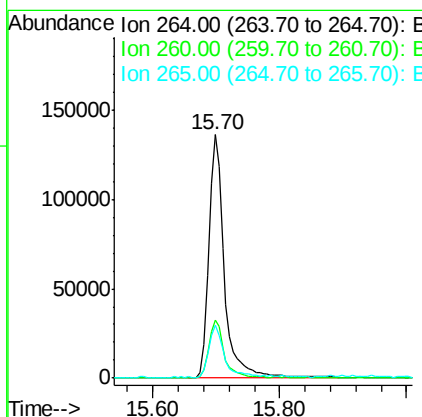
Manual Integrations
APPROVED

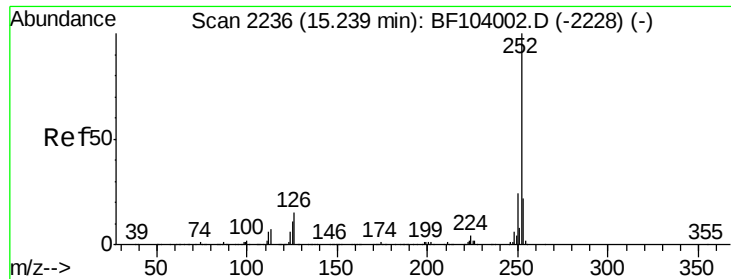
Sohil
3/30/2018 6:03:14 PM



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.70 min Scan# 2314
Delta R.T. -0.00 min
Lab File: BF104075.D
Acq: 30 Mar 2018 3:05

Tgt Ion:	264	Resp:	233230
Ion Ratio	Lower	Upper	
264	100		
260	23.6	19.2	28.8
265	21.7	17.5	26.3





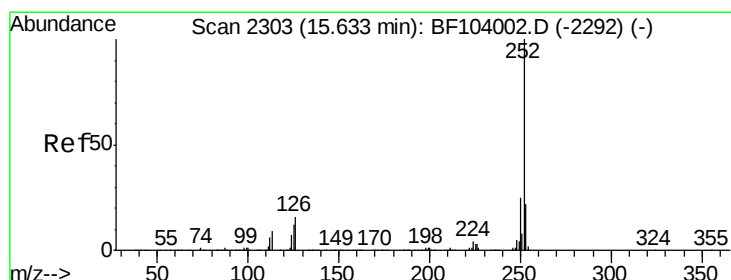
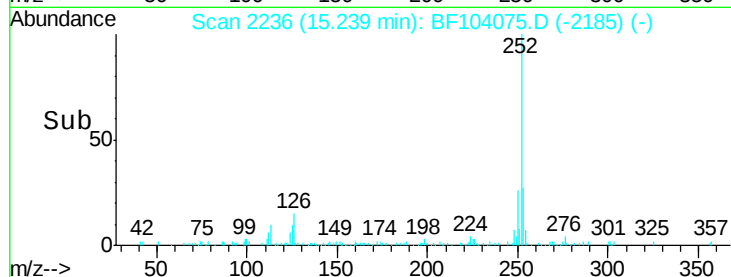
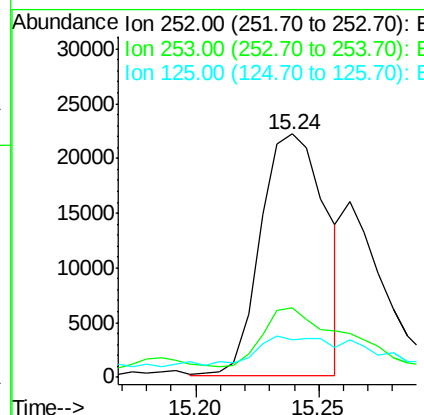
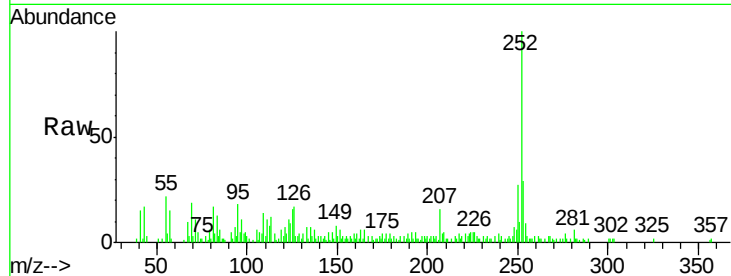
#87
Benzo(b)fluoranthene
Concen: 2.900 ng m
RT: 15.24 min Scan# 2236
Delta R.T. -0.00 min
Lab File: BF104075.D
Acq: 30 Mar 2018 3:05

Instrument :
BNA_F
ClientSampleId :
PB-14-COMP

Tot Ion	Ratio	Lower	Upper
252	100		
253	28.6	17.0	25.6#
125	15.6	9.0	13.6#

Manual Integrations
APPROVED

Sohil
3/30/2018 6:03:14 PM



#89
Benzo(a)pyrene
Concen: 2.497 ng
RT: 15.63 min Scan# 2303
Delta R.T. -0.00 min
Lab File: BF104075.D
Acq: 30 Mar 2018 3:05

Tgt Ion	Ratio	Lower	Upper
252	100		
253	26.6	17.1	25.7#
125	18.4	9.8	14.6#

