

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032918\
 Data File : BF104074.D
 Acq On : 30 Mar 2018 2:39
 Operator : JU/SJ
 Sample : J2122-04
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB-11-COMP

Manual Integrations
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Quant Time: Mar 30 07:11:52 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	113791	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	480449	20.00	ng	0.00
38) Acenaphthene-d10	10.00	164	202910	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	315329	20.00	ng	0.00
75) Chrysene-d12	14.16	240	242537	20.00	ng	0.00
86) Perylene-d12	15.70	264	216453	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	650099	91.11	ng	0.00
7) Phenol-d6	6.60	99	877098	99.91	ng	0.00
23) Nitrobenzene-d5	7.53	82	507173	64.56	ng	0.00
41) 2,4,6-Tribromophenol	10.80	330	182089	80.59	ng	0.00
44) 2-Fluorobiphenyl	9.32	172	872504	67.81	ng	0.00
78) Terphenyl-d14	13.08	244	600988	57.21	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.71	163	78875	4.923	ng	99
74) Fluoranthene	12.72	202	70706	3.896	ng	98
77) Pyrene	12.95	202	57634	3.306	ng	99
80) Benzo(a)anthracene	14.14	228	41442	2.731	ng	96
82) Chrysene	14.18	228	30422	2.047	ng	95
87) Benzo(b)fluoranthene	15.24	252	36739m	2.789	ng	
89) Benzo(a)pyrene	15.63	252	28106	2.302	ng	# 94

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

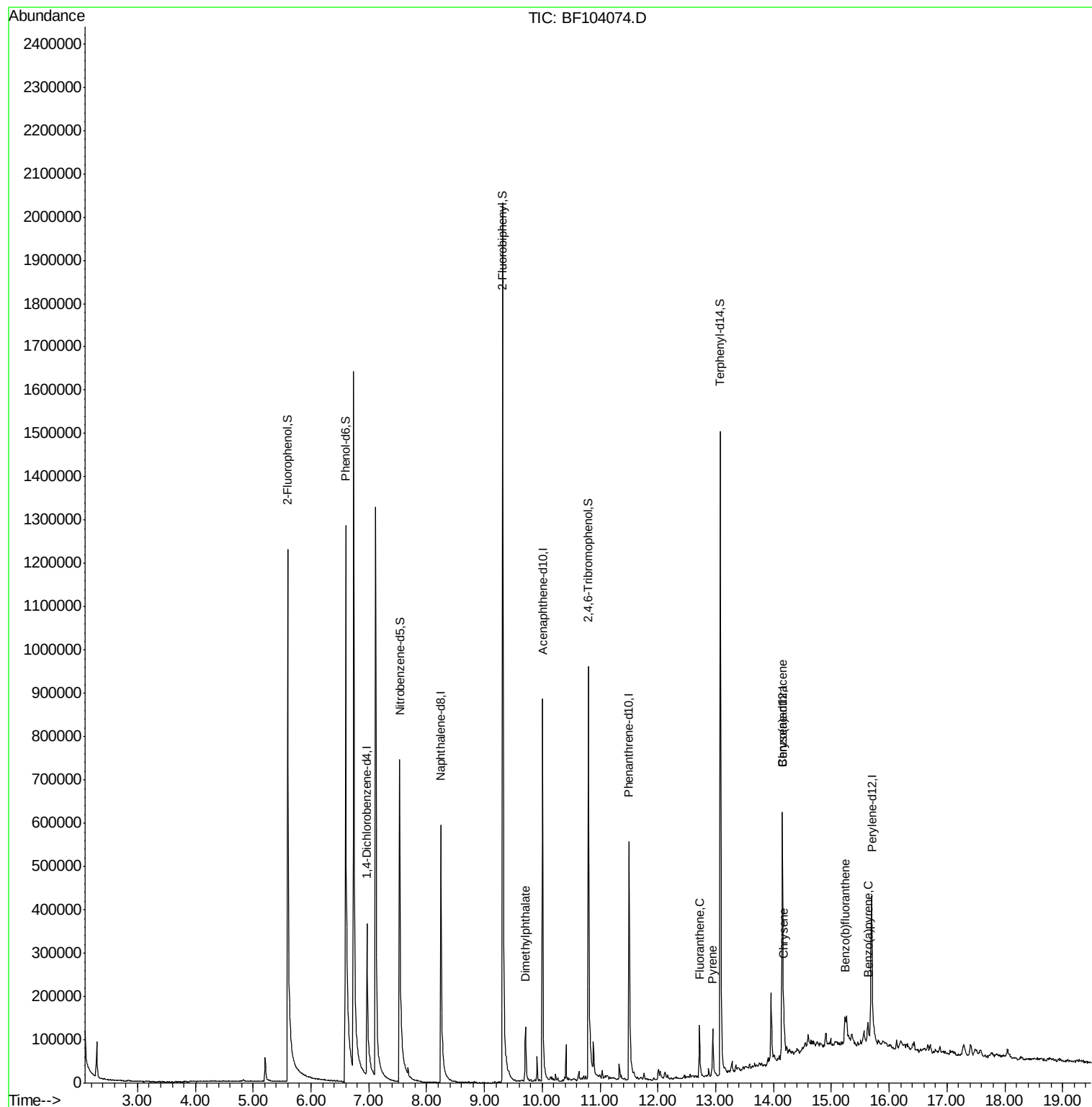
Data Path : Z:\HPCHEM1\BNA F\DATA\BF032918\
Data File : BF104074.D
Acq On : 30 Mar 2018 2:39
Operator : JU/SJ
Sample : J2122-04
Misc :
ALS Vial : 30 Sample Multiplier: 1

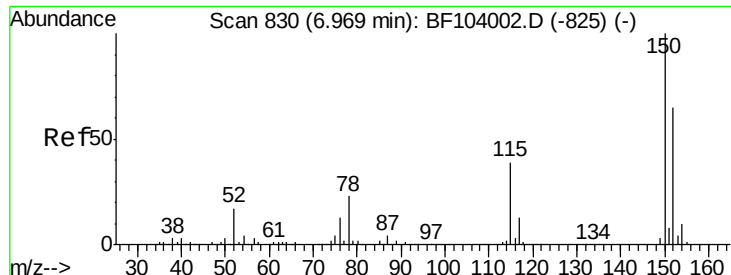
Instrument :
BNA_F
ClientSampleId :
PB-11-COMP

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Quant Time: Mar 30 07:11:52 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032818.M
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#1

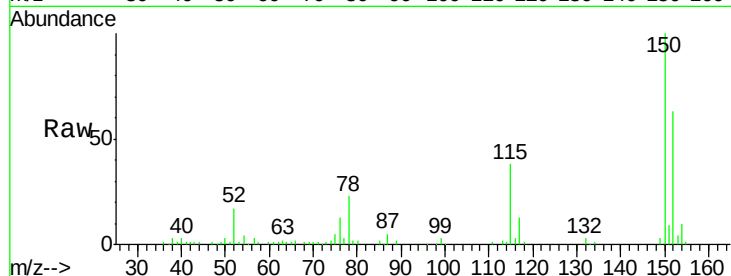
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 830
Delta R.T. -0.00 min
Lab File: BF104074.D
Acq: 30 Mar 2018 2:39

Instrument :
BNA_F
ClientSampleId :
PB-11-COMP

Tot Ion	Ratio	Resp	Lower	Upper
152	100	113791		
150	159.7	124.6	186.8	
115	60.9	50.1	75.1	

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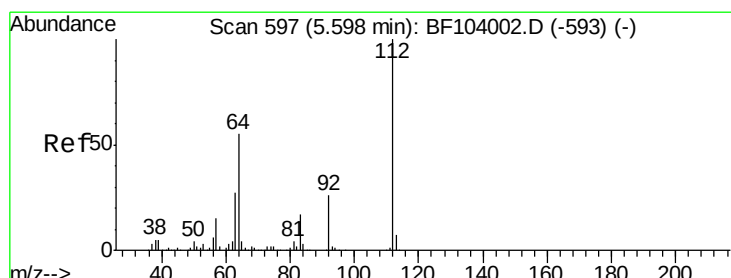
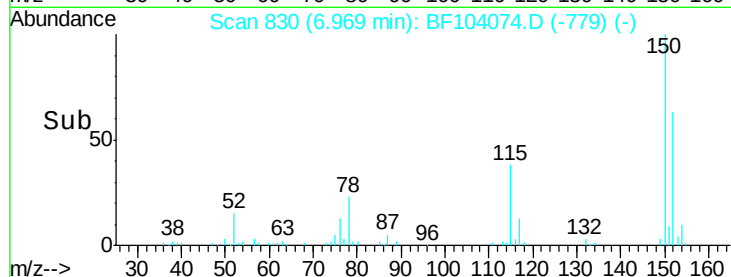
Abundance

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

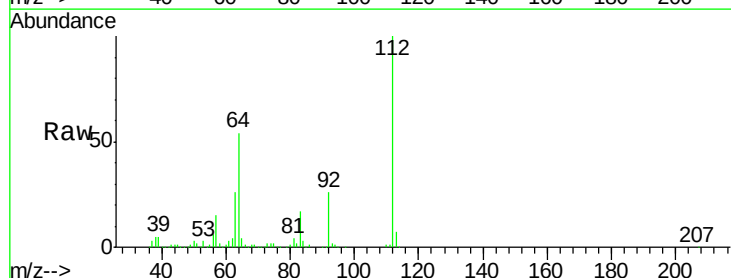
Time-->



#5

2-Fluorophenol
Concen: 91.109 ng
RT: 5.60 min Scan# 597
Delta R.T. -0.00 min
Lab File: BF104074.D
Acq: 30 Mar 2018 2:39

Tgt Ion	Ratio	Resp	Lower	Upper
112	100	650099		
64	53.5	47.9	71.9	
63	26.5	23.7	35.5	



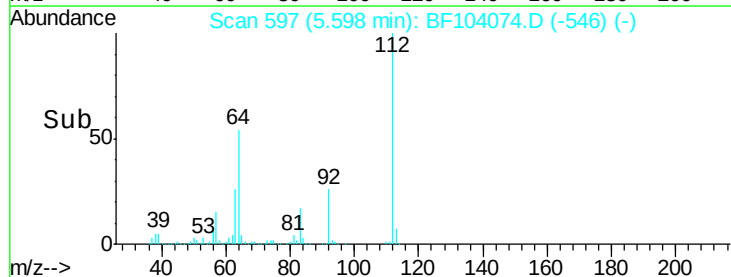
Abundance

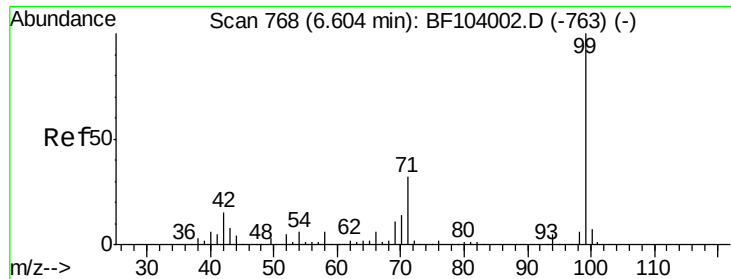
Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1

Time-->





#7

Phenol-d6

Concen: 99.913 ng

RT: 6.60 min Scan# 767

Delta R.T. -0.01 min

Lab File: BF104074.D

Acq: 30 Mar 2018 2:39

Instrument :

BNA_F

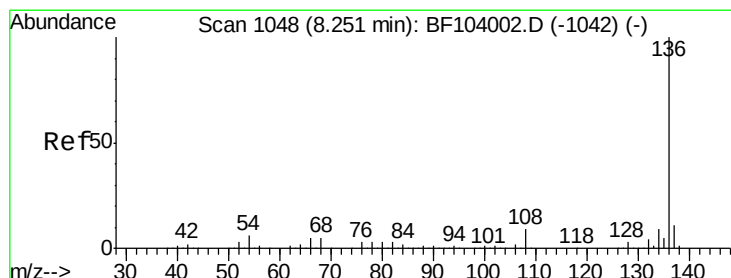
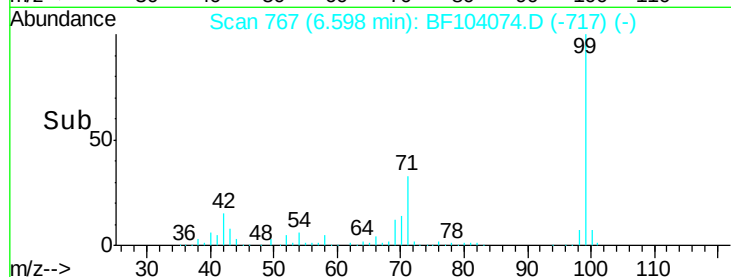
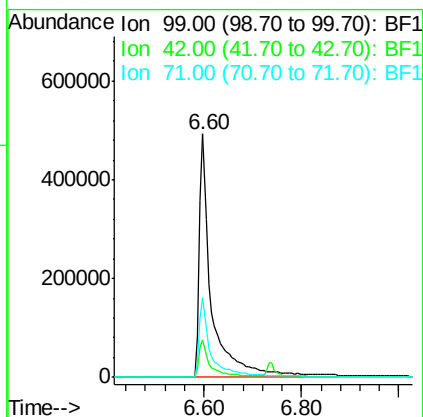
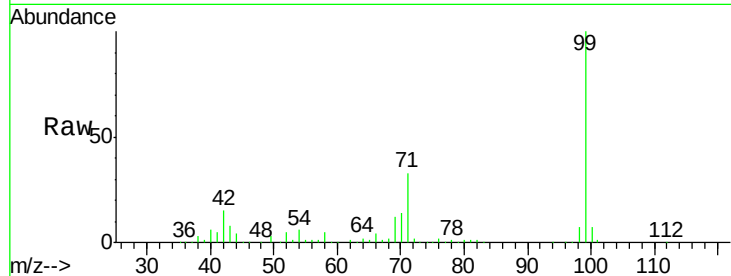
ClientSampleId :

PB-11-COMP

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		877098		
42	15.3	14.5	21.7		
71	32.8	25.4	38.0		

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#21

Naphthalene-d8

Concen: 20.000 ng

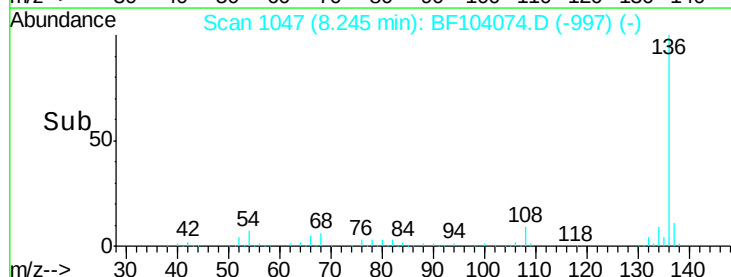
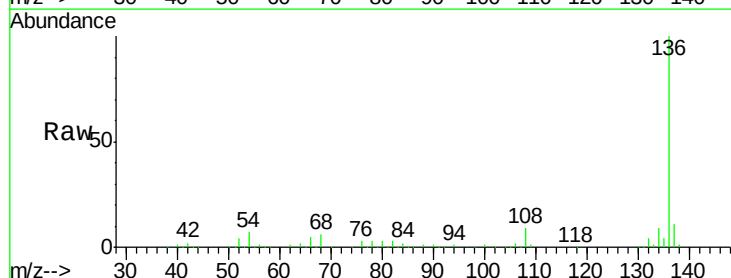
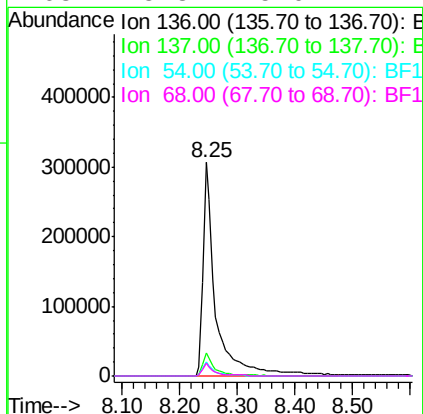
RT: 8.25 min Scan# 1047

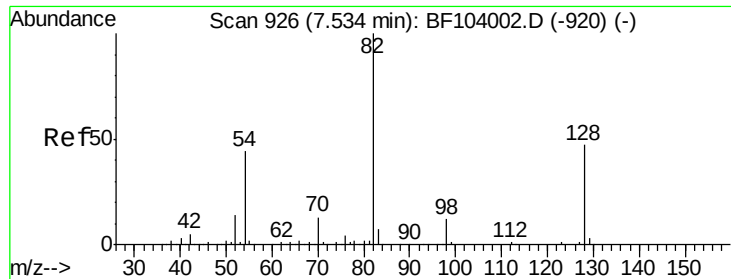
Delta R.T. -0.01 min

Lab File: BF104074.D

Acq: 30 Mar 2018 2:39

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
136	100		480449		
137	10.9	8.9	13.3		
54	6.6	6.6	9.8		
68	5.8	5.0	7.4		





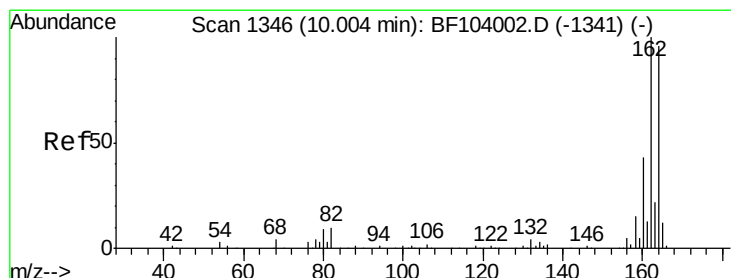
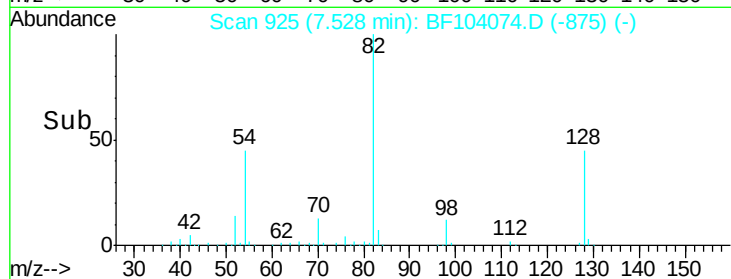
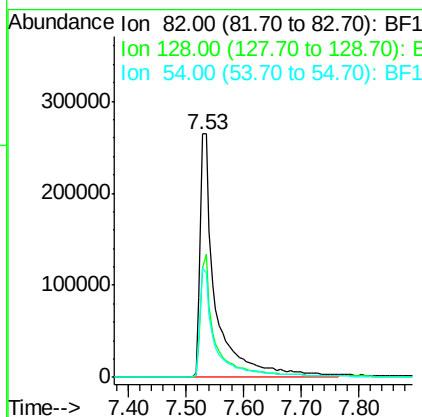
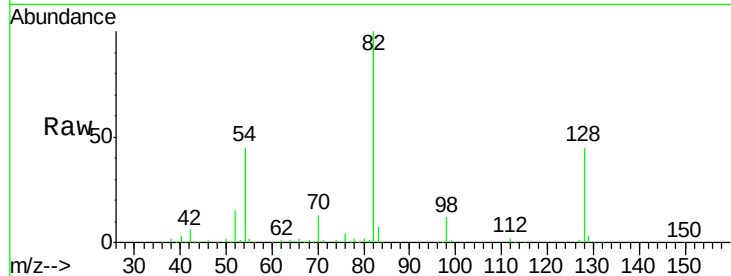
#23
 Nitrobenzene-d5
 Concen: 64.557 ng
 RT: 7.53 min Scan# 925
 Delta R.T. -0.01 min
 Lab File: BF104074.D
 Acq: 30 Mar 2018 2:39

Instrument :
 BNA_F
 ClientSampleId :
 PB-11-COMP

Tot Ion	Ratio	Lower	Upper
82	100		
128	44.7	36.1	54.1
54	44.7	41.4	62.2

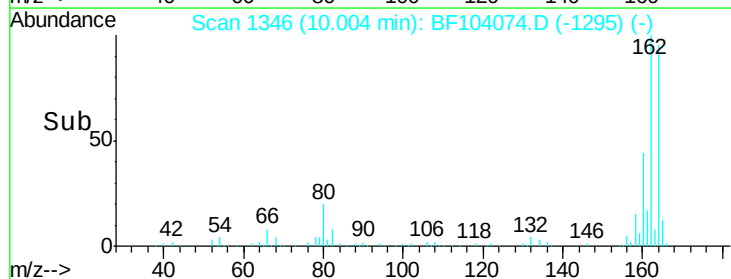
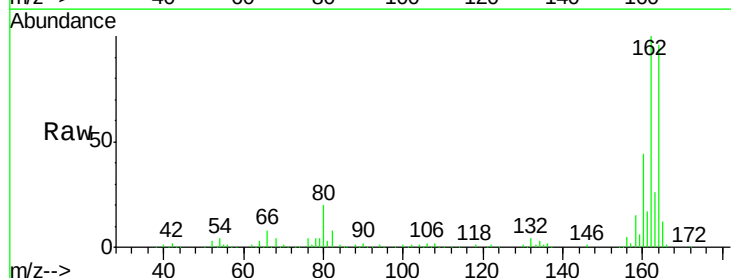
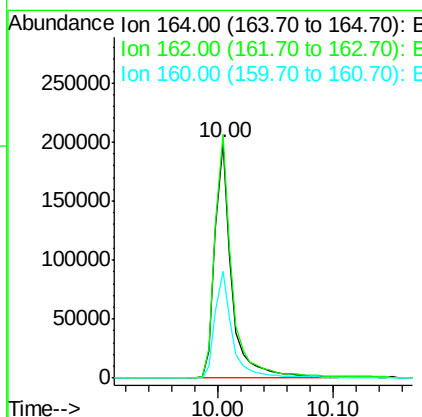
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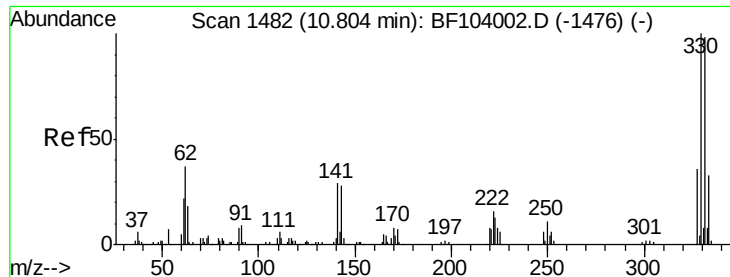
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#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.00 min Scan# 1346
 Delta R.T. -0.00 min
 Lab File: BF104074.D
 Acq: 30 Mar 2018 2:39

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.6	86.1	129.1
160	45.4	38.3	57.5





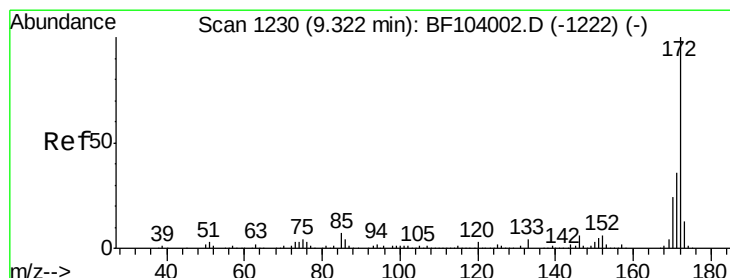
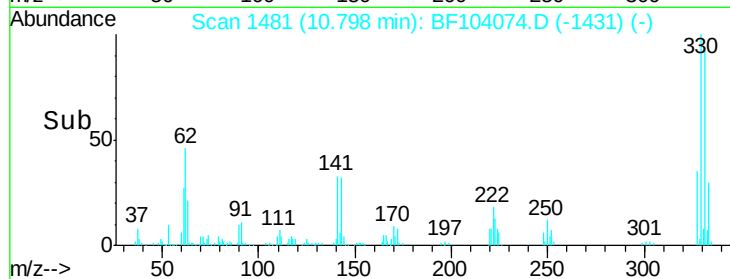
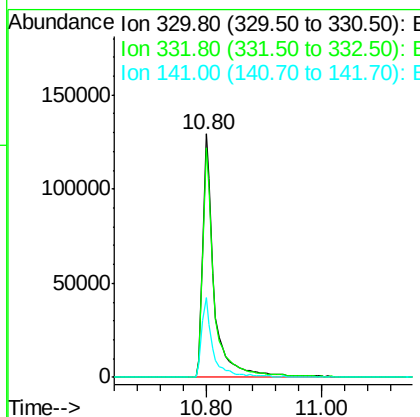
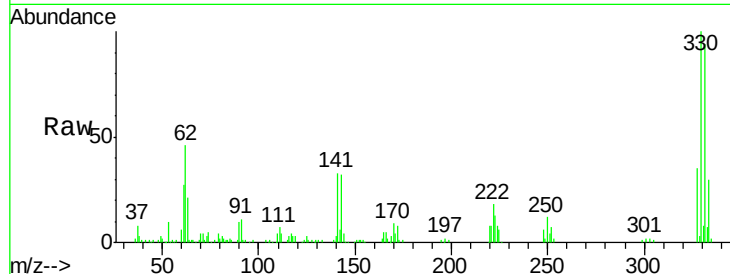
#41
 2,4,6-Tribromophenol
 Concen: 80.591 ng
 RT: 10.80 min Scan# 1481
 Delta R.T. -0.01 min
 Lab File: BF104074.D
 Acq: 30 Mar 2018 2:39

Instrument :
 BNA_F
 ClientSampleId :
 PB-11-COMP

Tot Ion	Ratio	Resp	Lower	Upper
330	100	182089		
332	94.0	77.0	115.6	
141	32.3	29.9	44.9	

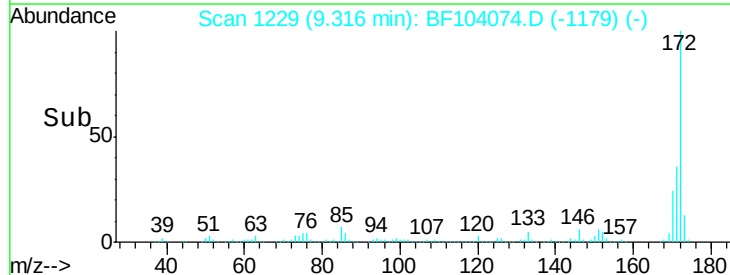
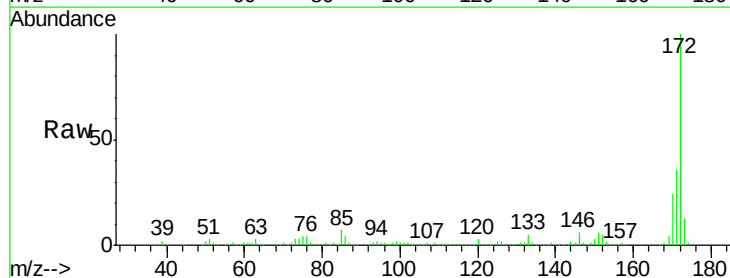
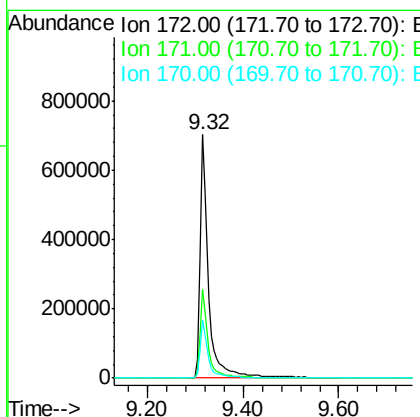
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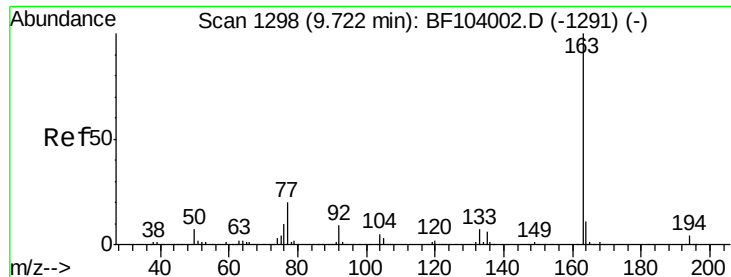
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#44
 2-Fluorobiphenyl
 Concen: 67.807 ng
 RT: 9.32 min Scan# 1229
 Delta R.T. -0.01 min
 Lab File: BF104074.D
 Acq: 30 Mar 2018 2:39

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	872504		
171	36.2	29.7	44.5	
170	23.6	19.6	29.4	





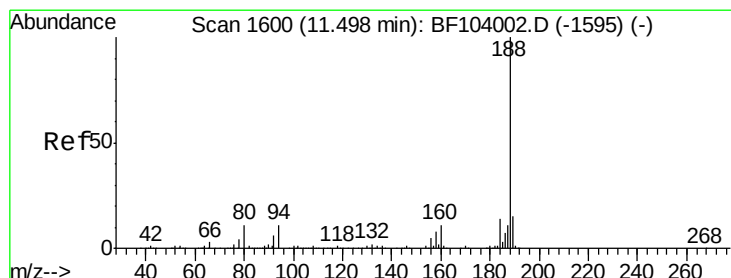
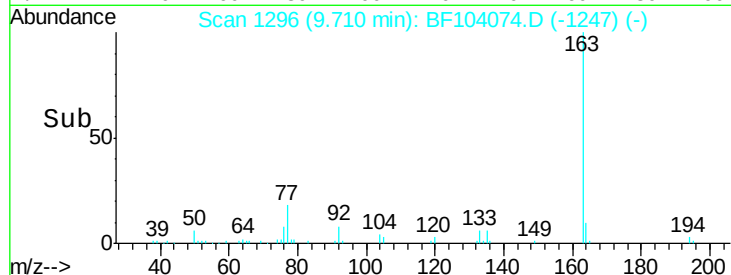
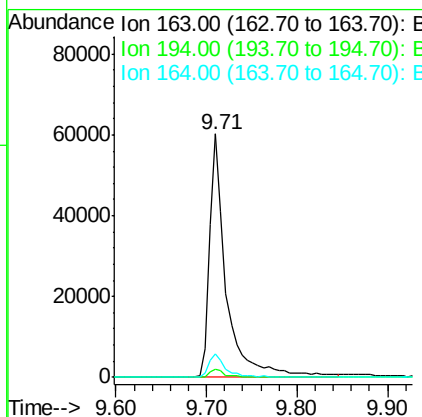
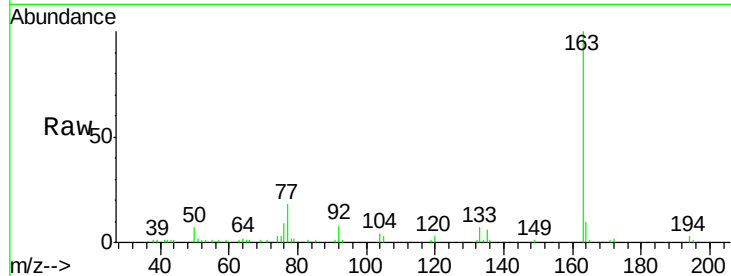
#49
Dimethylphthalate
Concen: 4.923 ng
RT: 9.71 min Scan# 1296
Delta R.T. -0.01 min
Lab File: BF104074.D
Acq: 30 Mar 2018 2:39

Instrument :
BNA_F
ClientSampleId :
PB-11-COMP

Tot Ion:	163	Resp:	78875
Ion Ratio	Lower	Upper	
163	100		
194	3.4	2.7	4.1
164	9.8	8.2	12.2

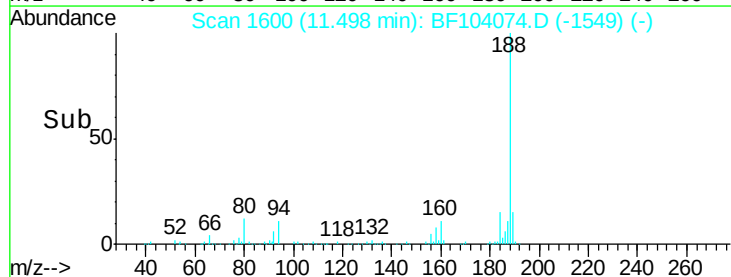
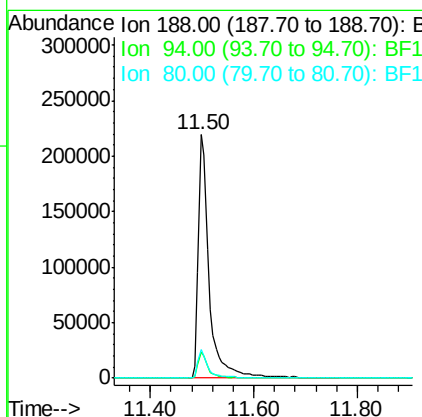
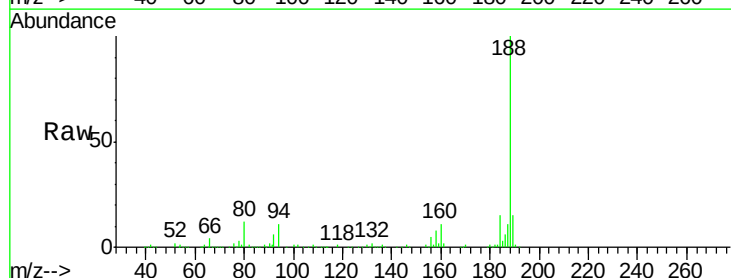
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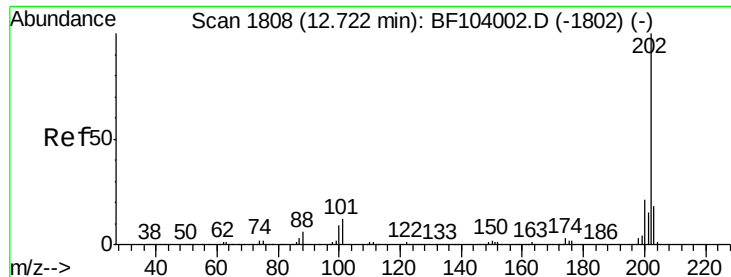
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#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1600
Delta R.T. -0.00 min
Lab File: BF104074.D
Acq: 30 Mar 2018 2:39

Tgt Ion:	188	Resp:	315329
Ion Ratio	Lower	Upper	
188	100		
94	10.6	8.5	12.7
80	12.0	9.2	13.8





#74

Fluoranthene

Concen: 3.896 ng

RT: 12.72 min Scan# 1807

Delta R.T. -0.01 min

Lab File: BF104074.D

Acq: 30 Mar 2018 2:39

Instrument :

BNA_F

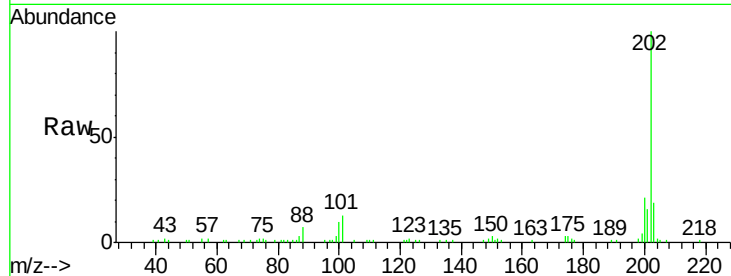
ClientSampleId :

PB-11-COMP

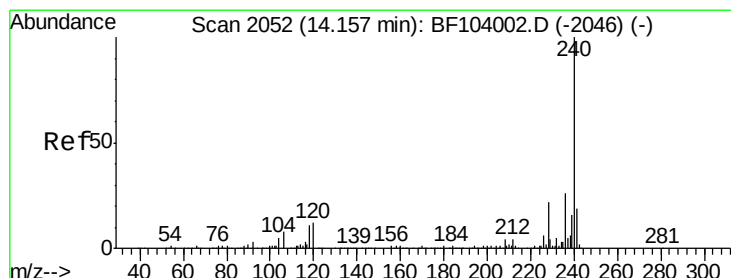
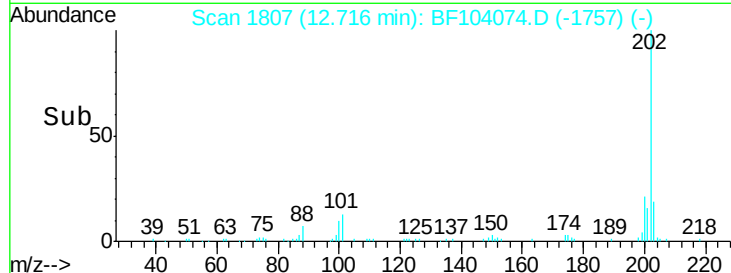
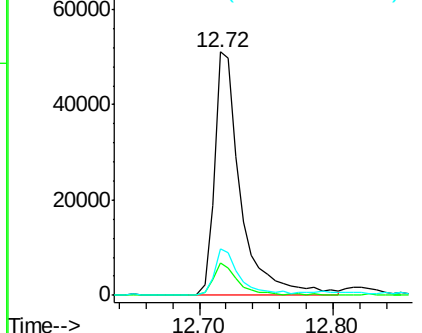
Tot Ion:	202	Resp:	70706
Ion Ratio	Lower	Upper	
202	100		
101	13.1	0.0	34.1
203	18.9	0.0	38.1

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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

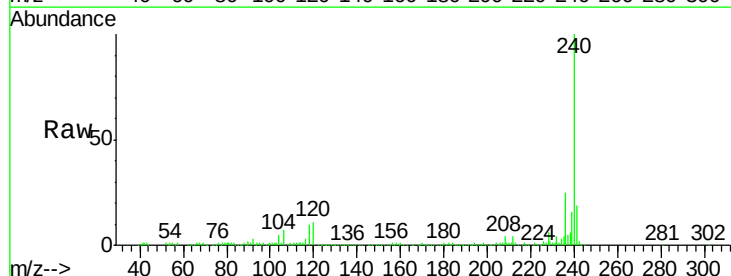
RT: 14.16 min Scan# 2052

Delta R.T. -0.00 min

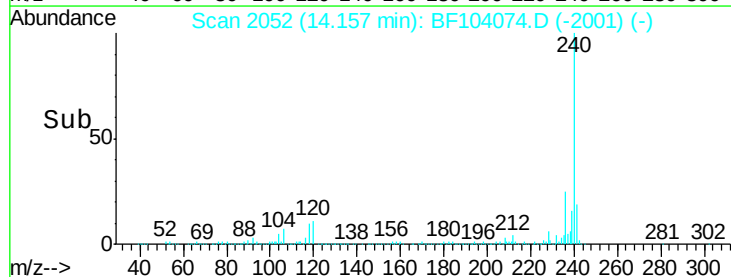
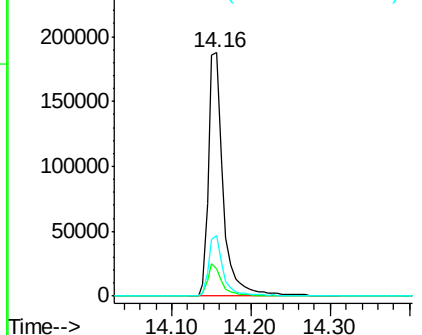
Lab File: BF104074.D

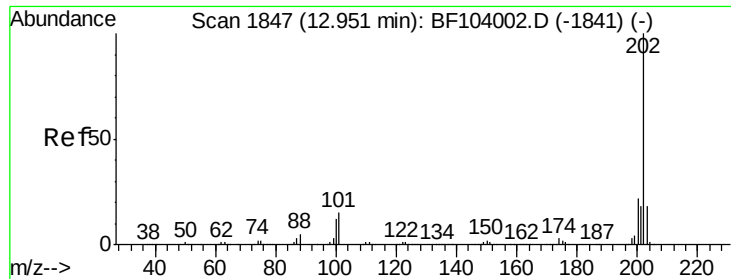
Acq: 30 Mar 2018 2:39

Tgt Ion:	240	Resp:	242537
Ion Ratio	Lower	Upper	
240	100		
120	11.4	9.5	14.3
236	25.1	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





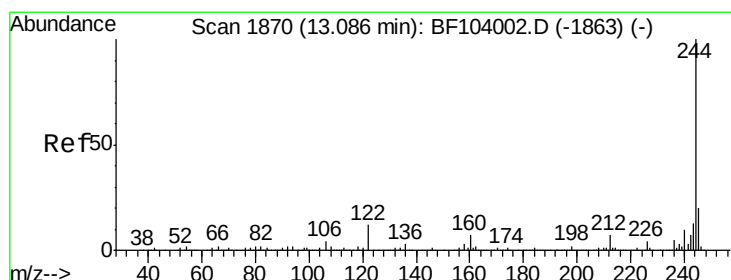
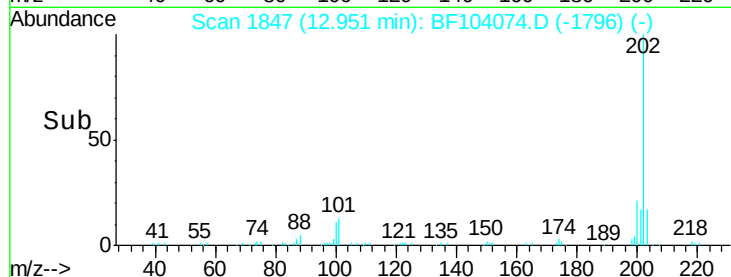
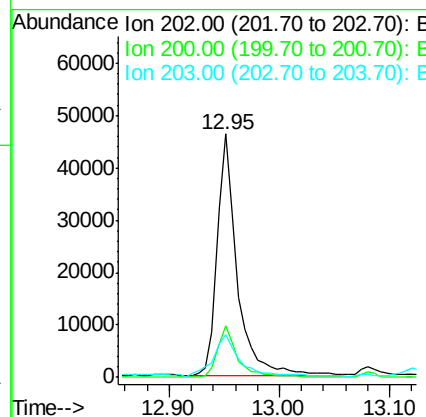
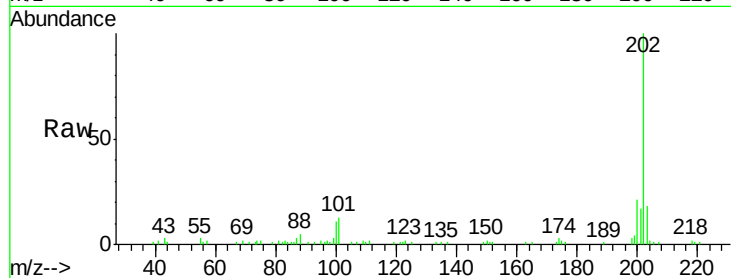
#77
Pvrene
Concen: 3.306 ng
RT: 12.95 min Scan# 1847
Delta R.T. -0.00 min
Lab File: BF104074.D
Acq: 30 Mar 2018 2:39

Instrument :
BNA_F
ClientSampleId :
PB-11-COMP

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.0	17.4	26.2
203	17.6	14.3	21.5

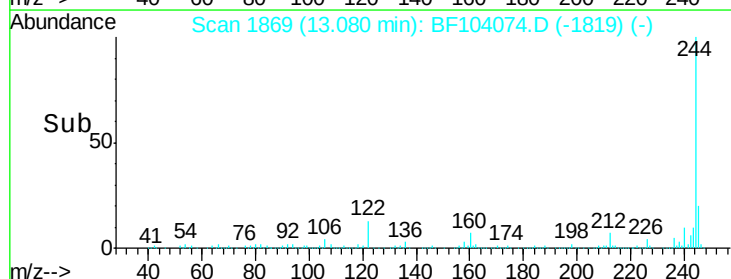
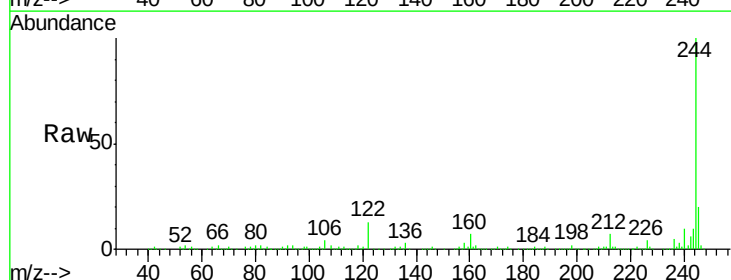
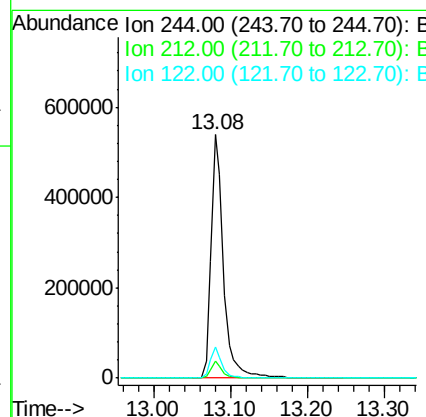
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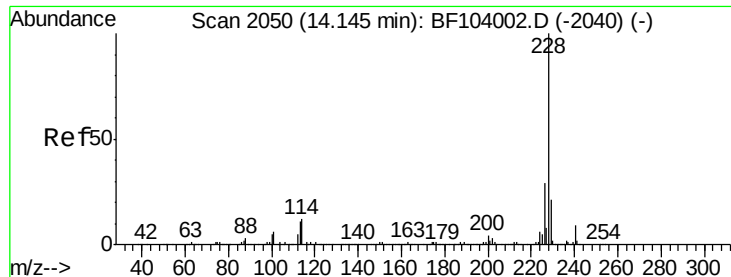
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#78
Terphenyl-d14
Concen: 57.214 ng
RT: 13.08 min Scan# 1869
Delta R.T. -0.01 min
Lab File: BF104074.D
Acq: 30 Mar 2018 2:39

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.4	8.0
122	12.9	11.0	16.4





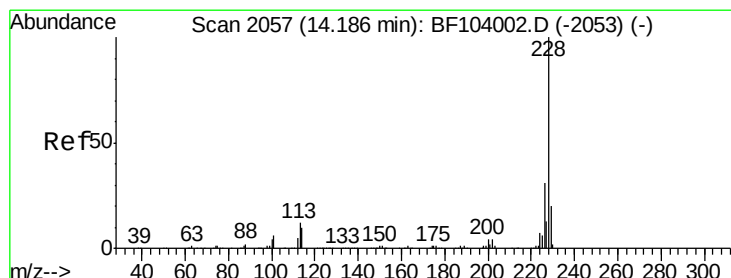
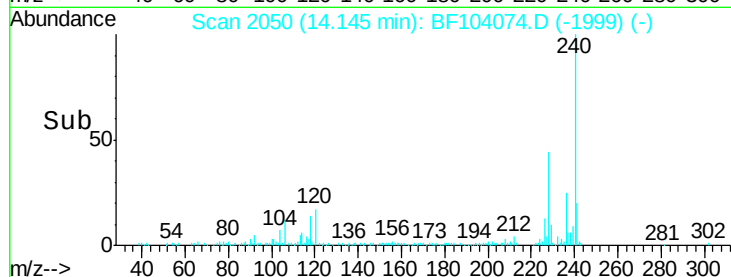
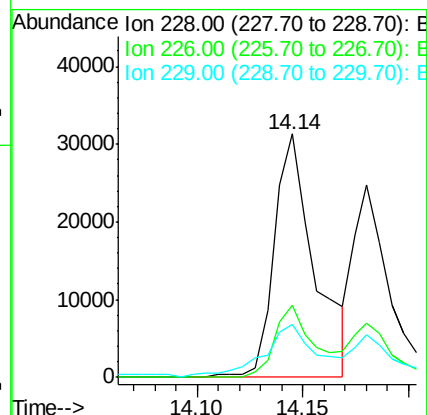
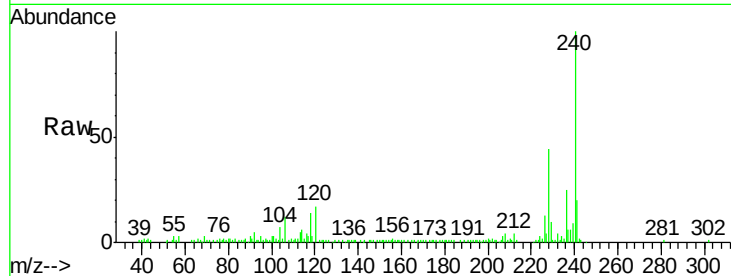
#80
Benzo(a)anthracene
Concen: 2.731 ng
RT: 14.14 min Scan# 2050
Delta R.T. -0.00 min
Lab File: BF104074.D
Acq: 30 Mar 2018 2:39

Instrument :
BNA_F
ClientSampleId :
PB-11-COMP

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.8	22.6	33.8
229	21.9	15.8	23.6

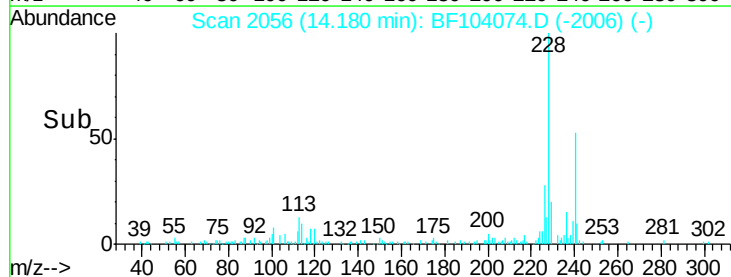
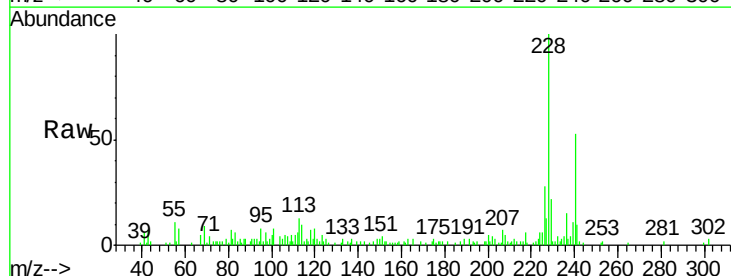
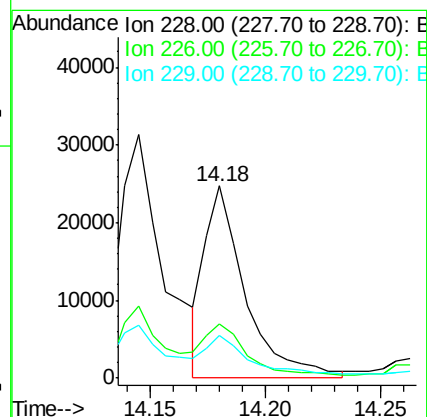
Manual Integrations
APPROVED

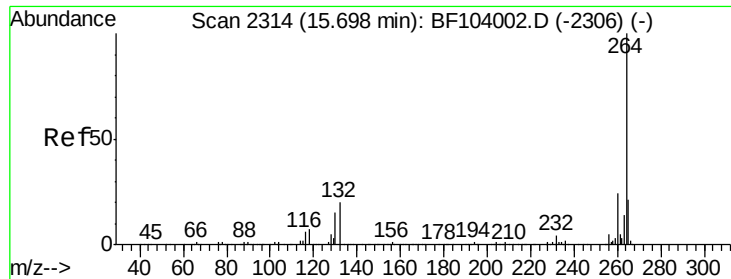
Sohil
3/30/2018 6:03:12 PM



#82
Chrysene
Concen: 2.047 ng
RT: 14.18 min Scan# 2056
Delta R.T. -0.01 min
Lab File: BF104074.D
Acq: 30 Mar 2018 2:39

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.2	25.0	37.6
229	22.0	16.2	24.4





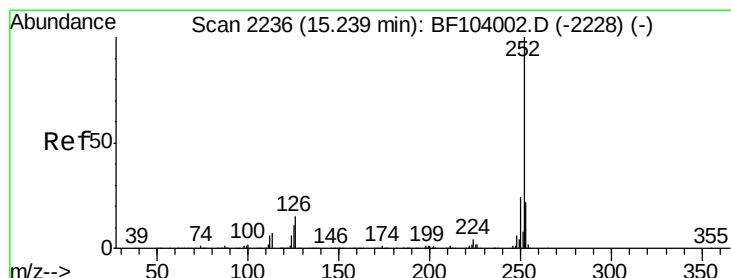
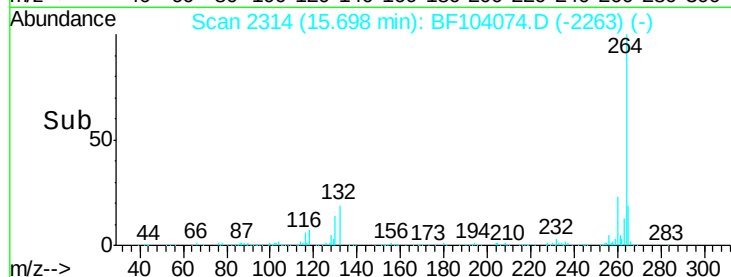
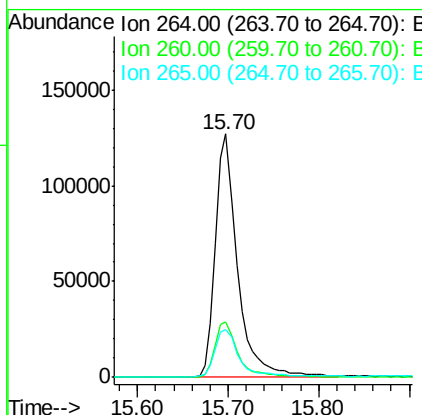
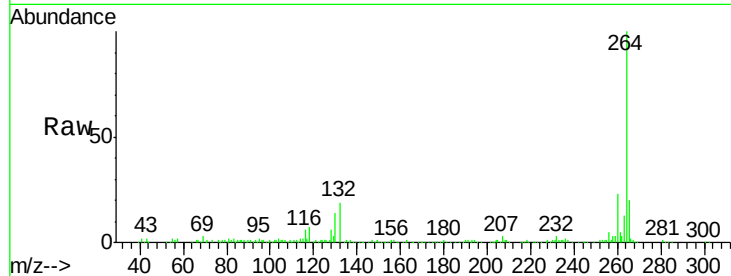
#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.70 min Scan# 2314
Delta R.T. -0.00 min
Lab File: BF104074.D
Acq: 30 Mar 2018 2:39

Instrument :
BNA_F
ClientSampleId :
PB-11-COMP

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.9	19.2	28.8
265	19.6	17.5	26.3

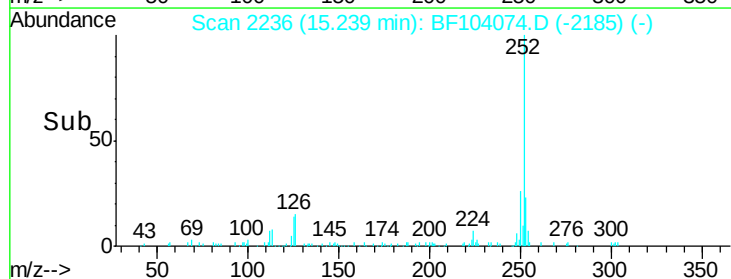
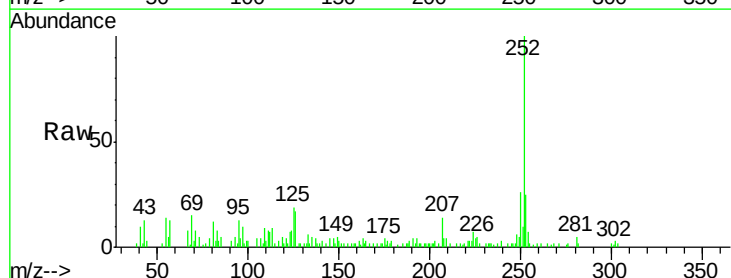
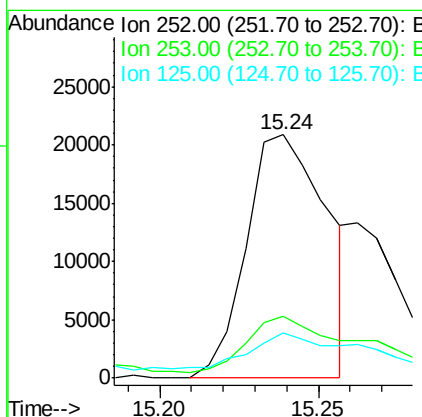
Manual Integrations
APPROVED

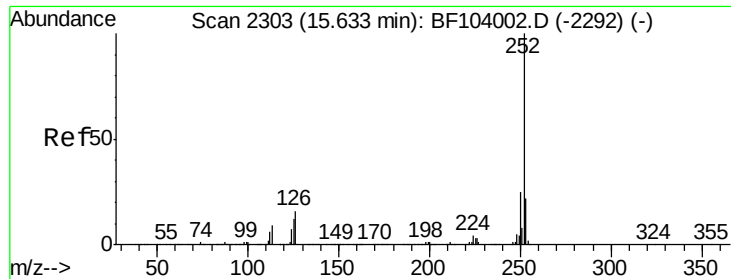
Sohil
3/30/2018 6:03:12 PM



#87
Benzo(b)fluoranthene
Concen: 2.789 ng m
RT: 15.24 min Scan# 2236
Delta R.T. -0.00 min
Lab File: BF104074.D
Acq: 30 Mar 2018 2:39

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.3	17.0	25.6
125	18.6	9.0	13.6#





#89
Benzo(a)pyrene
Concen: 2.302 ng
RT: 15.63 min Scan# 2303
Delta R.T. -0.00 min
Lab File: BF104074.D
Acq: 30 Mar 2018 2:39

Instrument :
BNA_F
ClientSampleId :
PB-11-COMP

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.1	25.7
125	16.9	9.8	14.6

Manual Integrations
APPROVED

Sohil
3/30/2018 6:03:12 PM

