

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032918\
 Data File : BF104077.D
 Acq On : 30 Mar 2018 3:58
 Operator : JU/SJ
 Sample : J2122-10 2X
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB-16-COMP

Manual Integrations
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Quant Time: Mar 30 07:19:18 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	103608	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	431650	20.00	ng	0.00
38) Acenaphthene-d10	10.00	164	182253	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	258876	20.00	ng	0.00
75) Chrysene-d12	14.15	240	239665	20.00	ng	0.00
86) Perylene-d12	15.70	264	217369	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	279438	43.01	ng	0.00
7) Phenol-d6	6.60	99	405784	50.77	ng	0.00
23) Nitrobenzene-d5	7.53	82	232775	32.98	ng	0.00
41) 2,4,6-Tribromophenol	10.80	330	75291	37.10	ng	0.00
44) 2-Fluorobiphenyl	9.32	172	422029	36.52	ng	0.00
78) Terphenyl-d14	13.08	244	282568	27.22	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.71	163	33732	2.344	ng	99
70) Phenanthrene	11.53	178	35074	2.502	ng	98
74) Fluoranthene	12.72	202	66034	4.432	ng	99
77) Pyrene	12.95	202	63815	3.704	ng	99
80) Benzo(a)anthracene	14.14	228	38009	2.535	ng	# 92
82) Chrysene	14.18	228	36597	2.492	ng	96
87) Benzo(b)fluoranthene	15.23	252	39808m	3.009	ng	
89) Benzo(a)pyrene	15.63	252	32791	2.675	ng	# 82

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

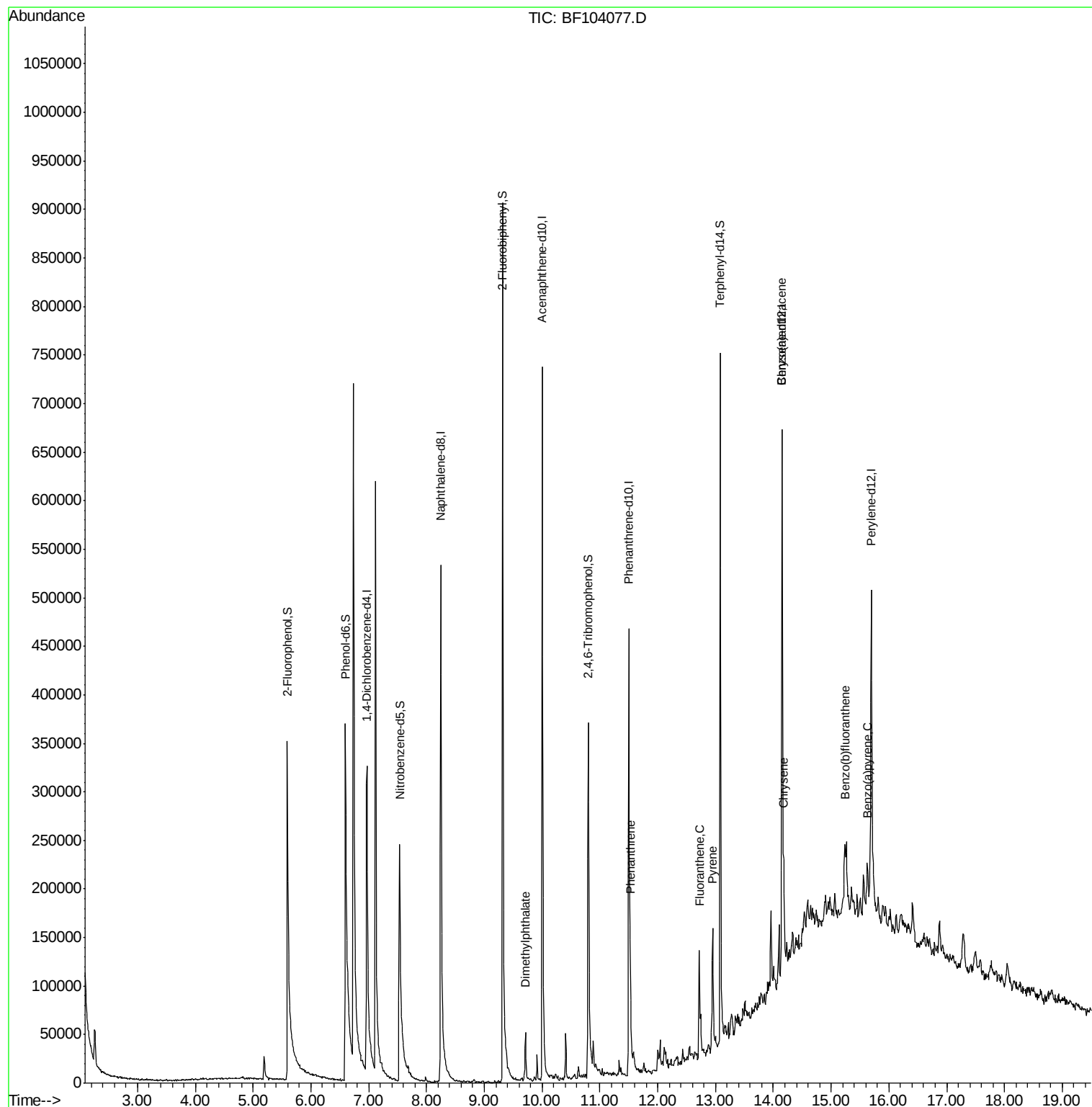
Data Path : Z:\HPCHEM1\BNA F\DATA\BF032918\
Data File : BF104077.D
Acq On : 30 Mar 2018 3:58
Operator : JU/SJ
Sample : J2122-10 2X
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
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#1

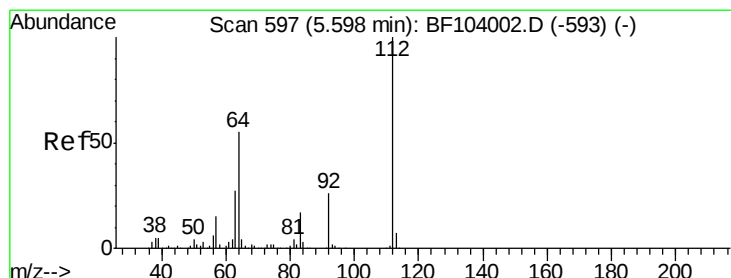
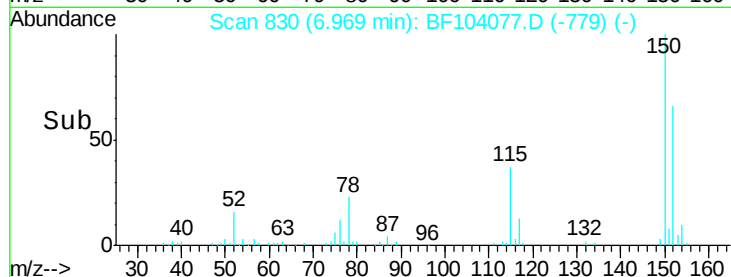
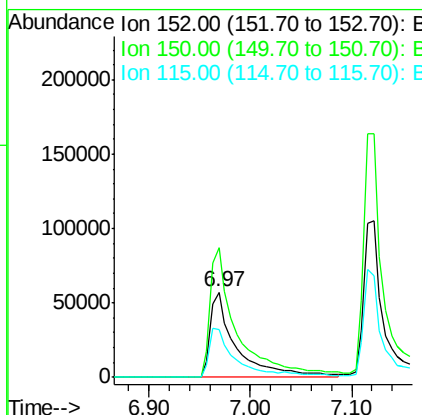
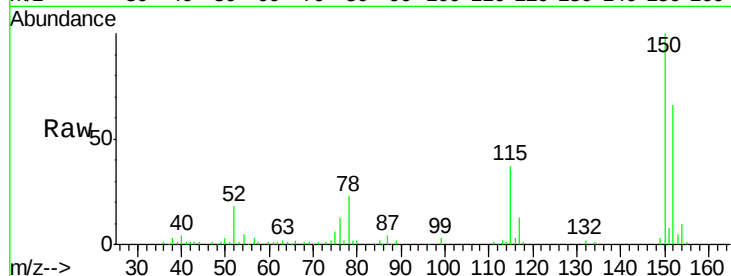
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 830
Delta R.T. -0.00 min
Lab File: BF104077.D
Acq: 30 Mar 2018 3:58

Instrument :
BNA_F
ClientSampleId :
PB-16-COMP

Tot Ion	Ratio	Lower	Upper
152	100		
150	152.3	124.6	186.8
115	56.6	50.1	75.1

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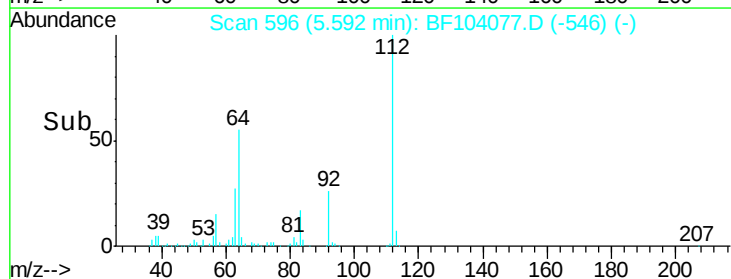
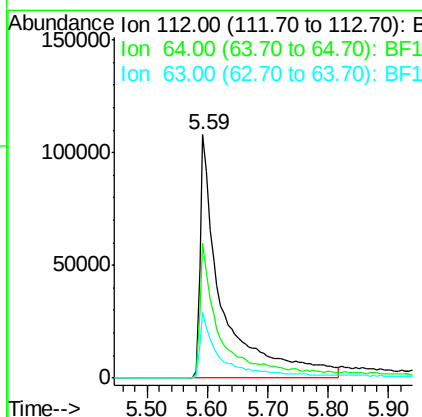
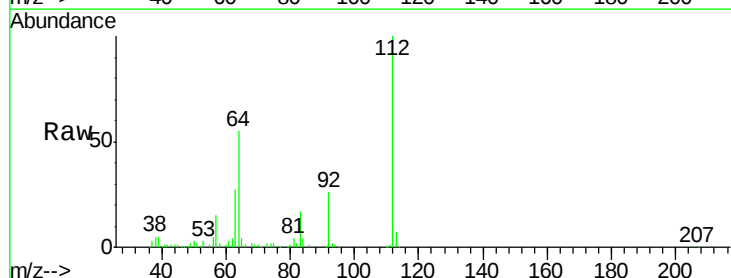
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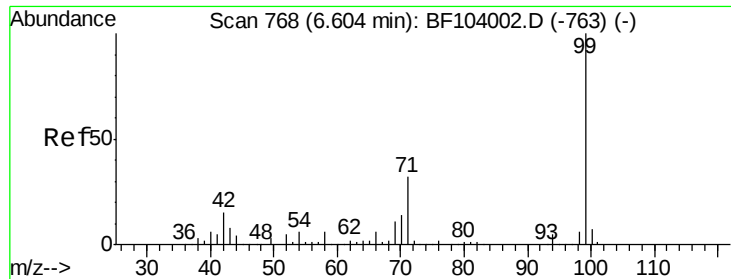


#5

2-Fluorophenol
Concen: 43.011 ng
RT: 5.59 min Scan# 596
Delta R.T. -0.01 min
Lab File: BF104077.D
Acq: 30 Mar 2018 3:58

Tgt Ion	Ratio	Lower	Upper
112	100		
64	55.3	47.9	71.9
63	27.1	23.7	35.5





#7

Phenol-d6

Concen: 50.767 ng

RT: 6.60 min Scan# 767

Delta R.T. -0.01 min

Lab File: BF104077.D

Acq: 30 Mar 2018 3:58

Instrument :

BNA_F

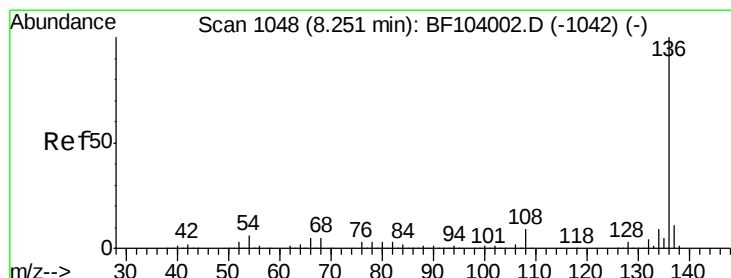
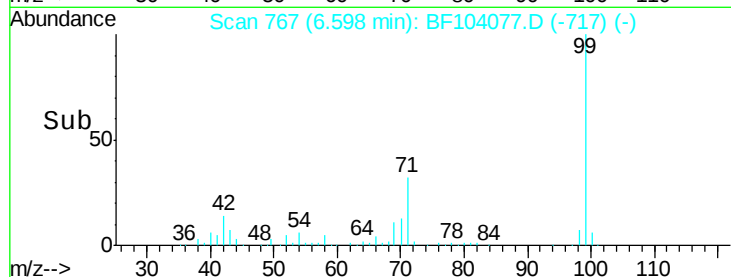
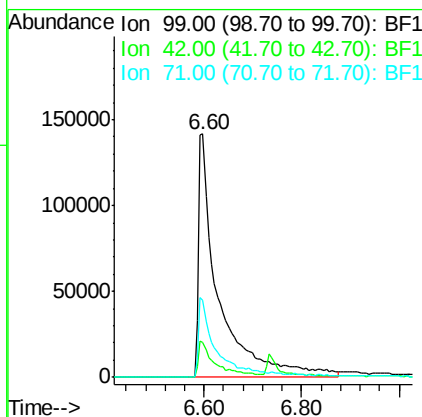
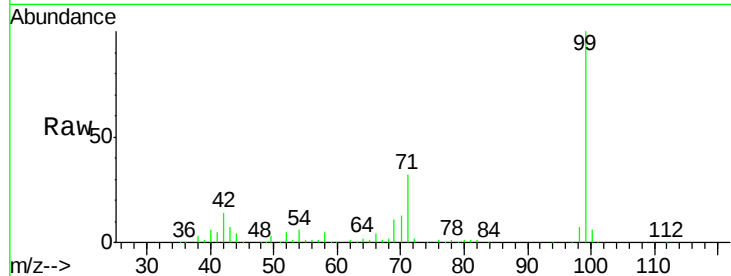
ClientSampleId :

PB-16-COMP

Tot Ion:	99	Resp:	405784
Ion Ratio	Lower	Upper	
99	100		
42	14.5	14.5	21.7#
71	31.8	25.4	38.0

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#21

Naphthalene-d8

Concen: 20.000 ng

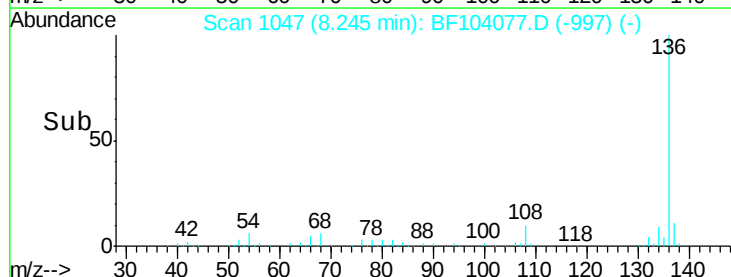
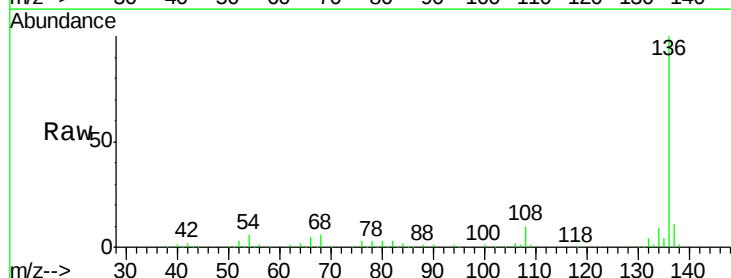
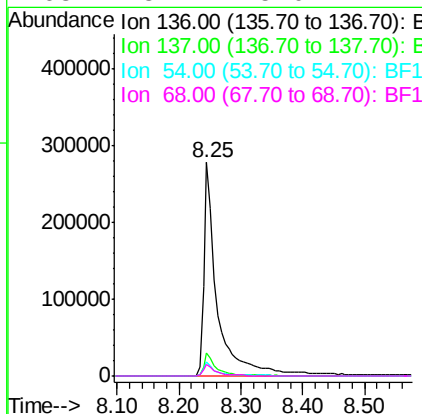
RT: 8.25 min Scan# 1047

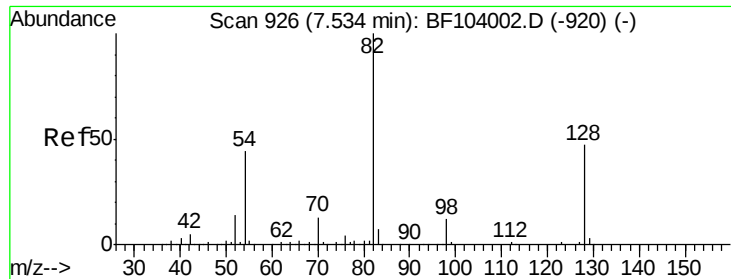
Delta R.T. -0.01 min

Lab File: BF104077.D

Acq: 30 Mar 2018 3:58

Tgt Ion:	136	Resp:	431650
Ion Ratio	Lower	Upper	
136	100		
137	10.8	8.9	13.3
54	6.3	6.6	9.8#
68	5.7	5.0	7.4





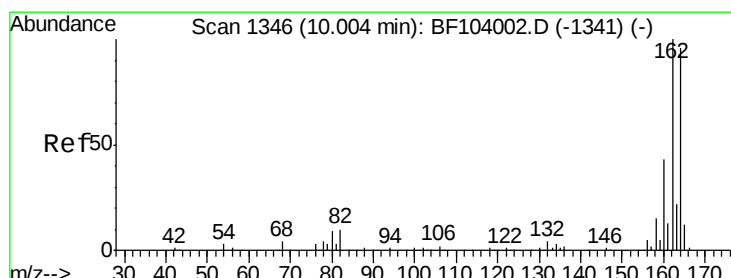
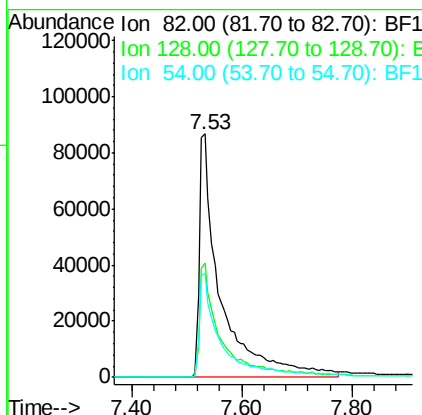
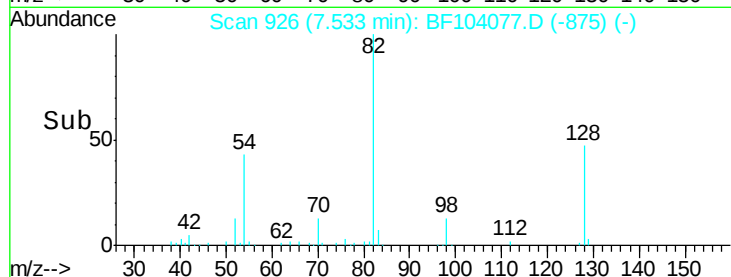
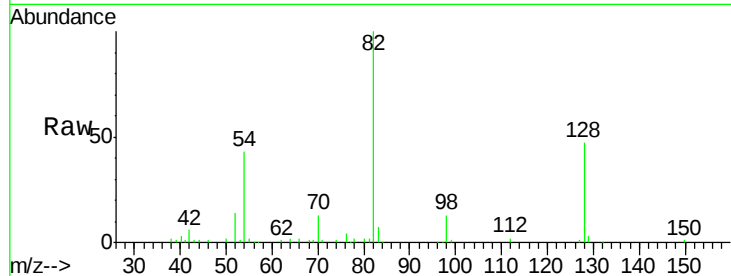
#23
 Nitrobenzene-d5
 Concen: 32.979 ng
 RT: 7.53 min Scan# 926
 Delta R.T. -0.00 min
 Lab File: BF104077.D
 Acq: 30 Mar 2018 3:58

Instrument :
 BNA_F
 ClientSampled :
 PB-16-COMP

Tot Ion	Ratio	Lower	Upper
82	100		
128	47.2	36.1	54.1
54	42.7	41.4	62.2

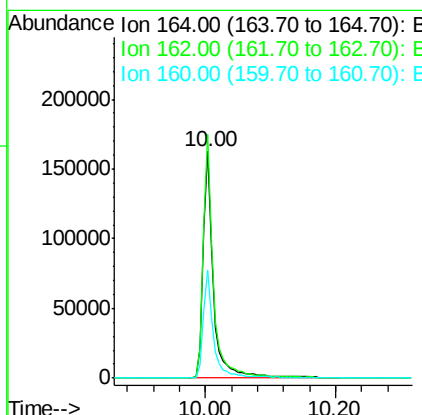
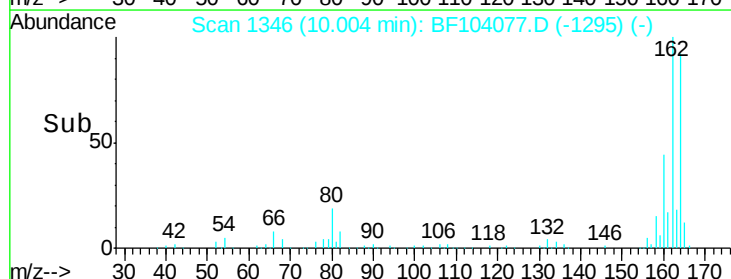
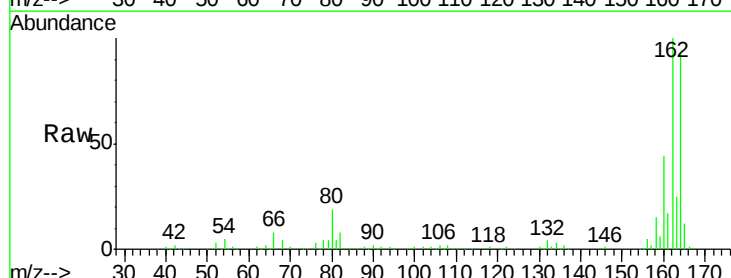
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#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.00 min Scan# 1346
 Delta R.T. -0.00 min
 Lab File: BF104077.D
 Acq: 30 Mar 2018 3:58

Tgt Ion	Ratio	Lower	Upper
164	100		
162	107.5	86.1	129.1
160	47.5	38.3	57.5





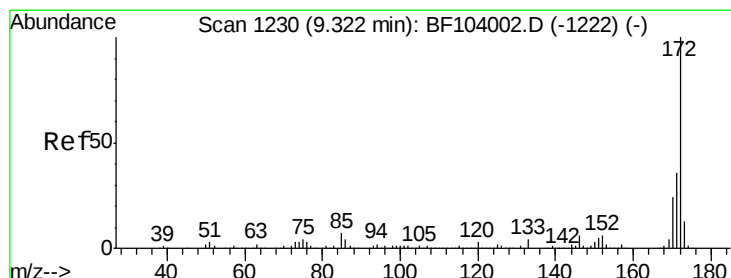
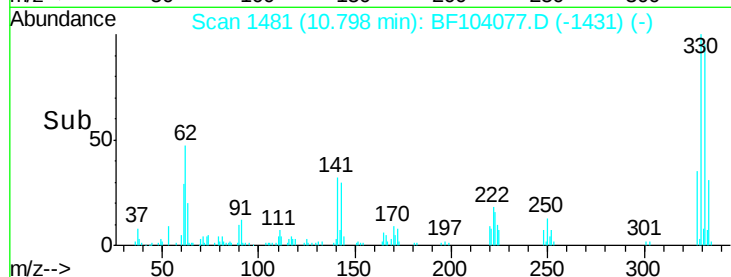
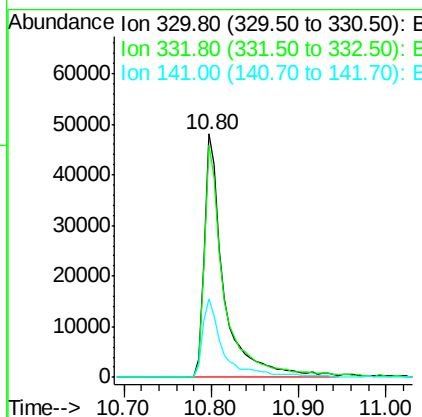
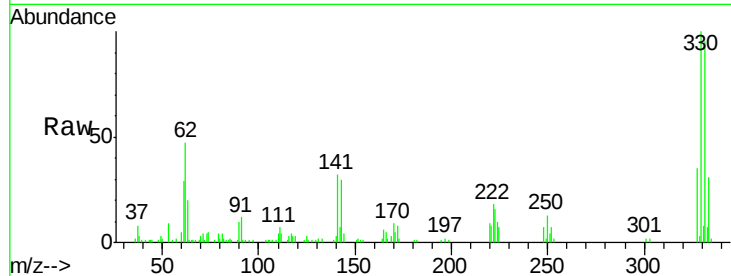
#41
 2,4,6-Tribromophenol
 Concen: 37.100 ng
 RT: 10.80 min Scan# 1481
 Delta R.T. -0.01 min
 Lab File: BF104077.D
 Acq: 30 Mar 2018 3:58

Instrument :
 BNA_F
 ClientSampleId :
 PB-16-COMP

Tot Ion	Ratio	Lower	Upper
330	100		
332	98.4	77.0	115.6
141	34.4	29.9	44.9

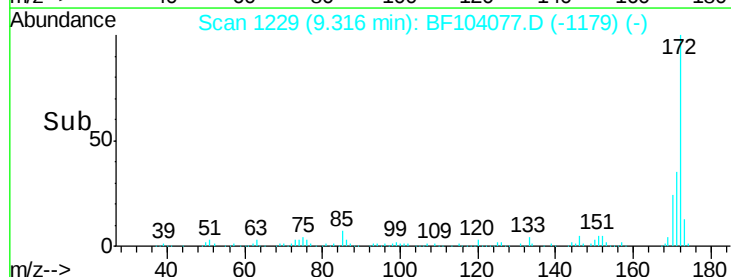
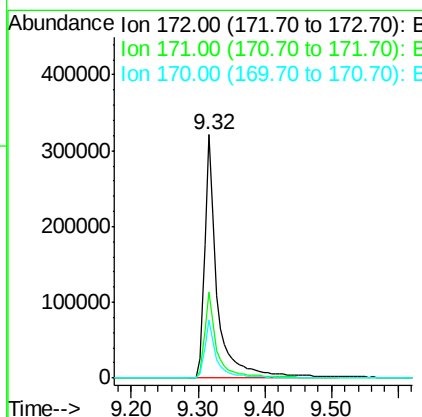
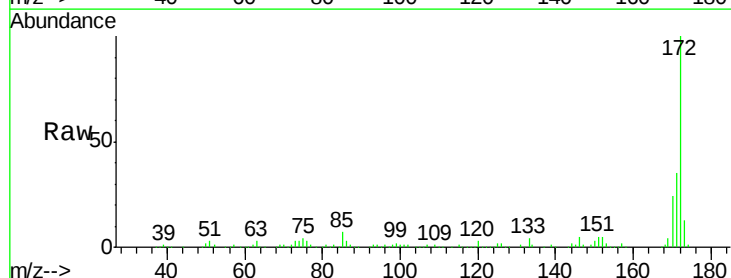
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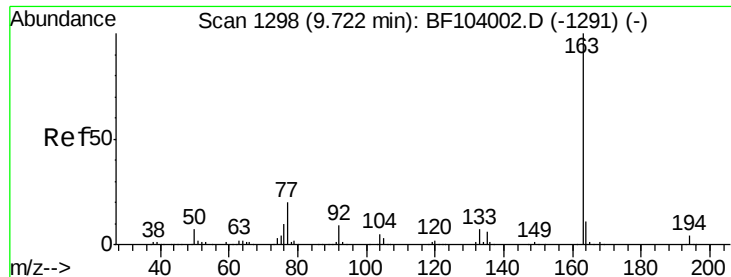
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#44
 2-Fluorobiphenyl
 Concen: 36.515 ng
 RT: 9.32 min Scan# 1229
 Delta R.T. -0.01 min
 Lab File: BF104077.D
 Acq: 30 Mar 2018 3:58

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.2	29.7	44.5
170	23.6	19.6	29.4





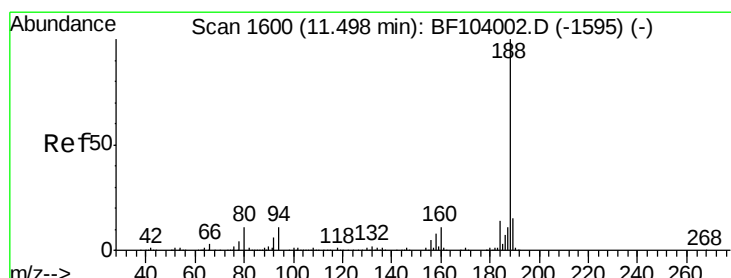
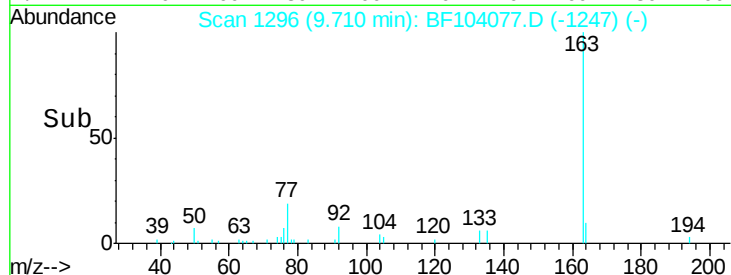
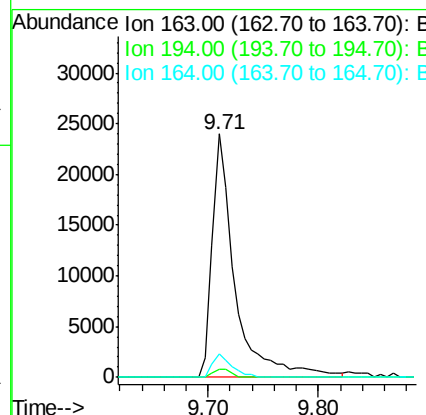
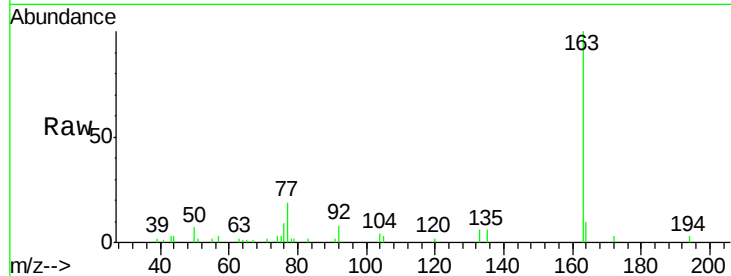
#49
Dimethylphthalate
Concen: 2.344 ng
RT: 9.71 min Scan# 1296
Delta R.T. -0.01 min
Lab File: BF104077.D
Acq: 30 Mar 2018 3:58

Instrument :
BNA_F
ClientSampleId :
PB-16-COMP

Tot Ion	Ratio	Resp	Lower	Upper
163	100	33732		
194	3.4	2.7	4.1	
164	9.8	8.2	12.2	

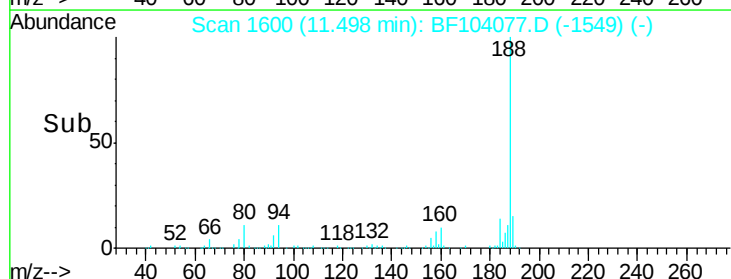
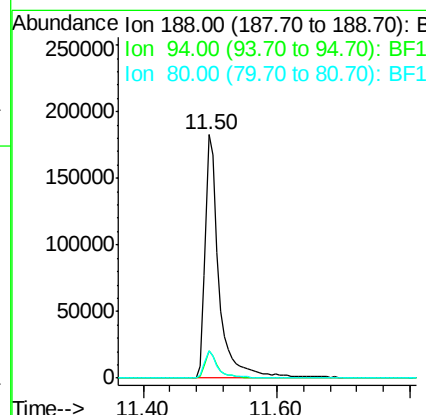
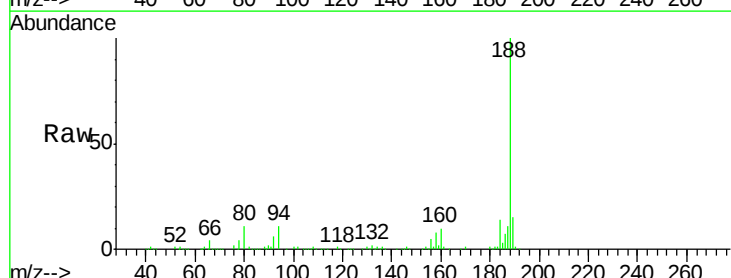
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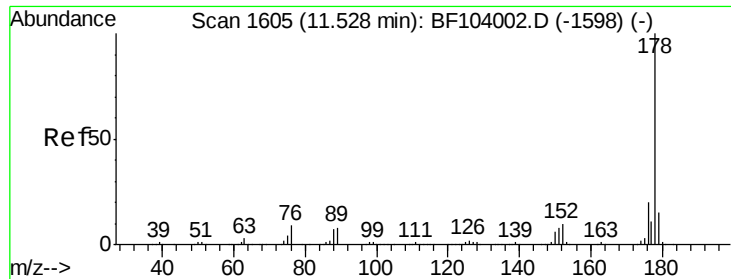
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#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1600
Delta R.T. -0.00 min
Lab File: BF104077.D
Acq: 30 Mar 2018 3:58

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	258876		
94	11.1	8.5	12.7	
80	11.4	9.2	13.8	





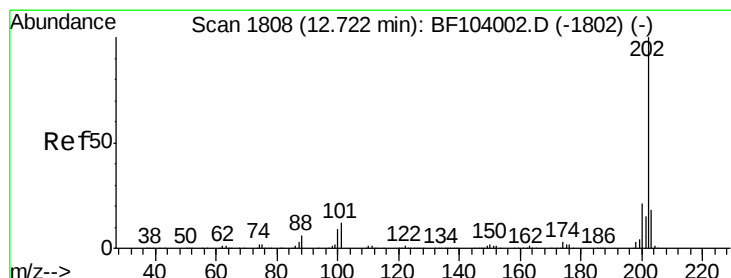
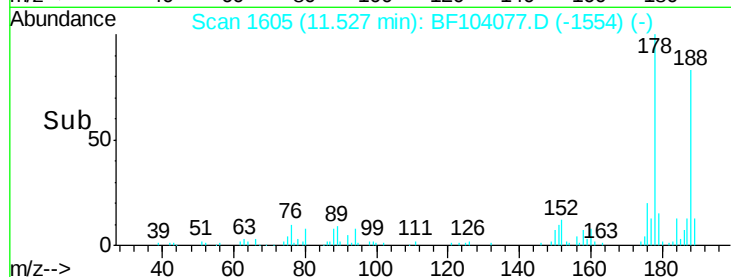
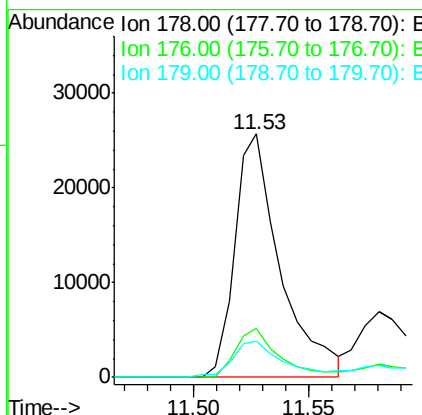
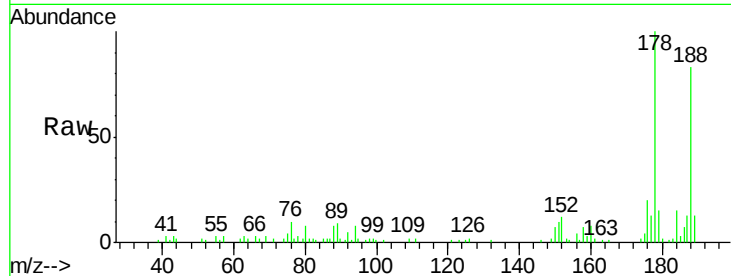
#70
Phenanthrene
Concen: 2.502 ng
RT: 11.53 min Scan# 1605
Delta R.T. -0.00 min
Lab File: BF104077.D
Acq: 30 Mar 2018 3:58

Instrument :
BNA_F
ClientSampleId :
PB-16-COMP

Tot Ion	Ratio	Lower	Upper
178	100		
176	20.1	15.8	23.8
179	15.0	13.0	19.6

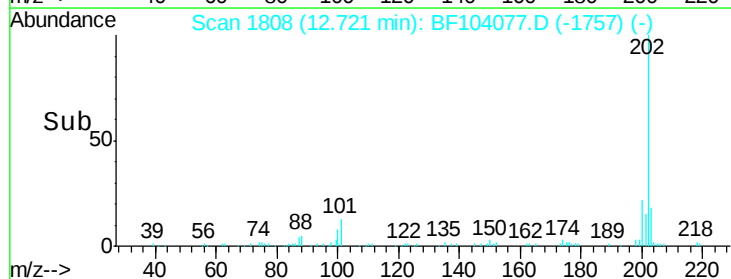
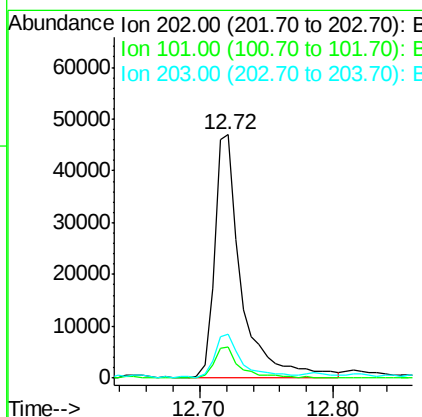
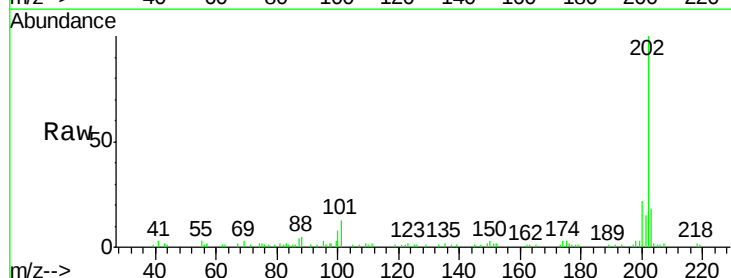
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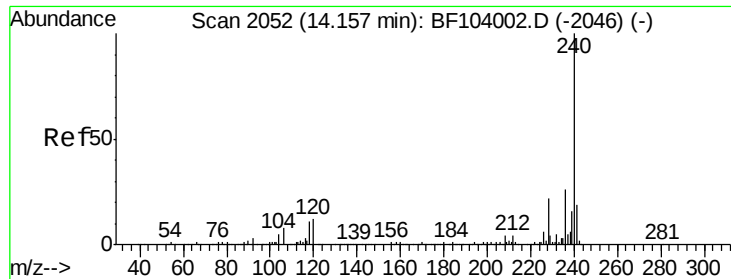
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#74
Fluoranthene
Concen: 4.432 ng
RT: 12.72 min Scan# 1808
Delta R.T. -0.00 min
Lab File: BF104077.D
Acq: 30 Mar 2018 3:58

Tgt Ion	Ratio	Lower	Upper
202	100		
101	13.0	0.0	34.1
203	18.2	0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.15 min Scan# 2051

Delta R.T. -0.01 min

Lab File: BF104077.D

Acq: 30 Mar 2018 3:58

Instrument :

BNA_F

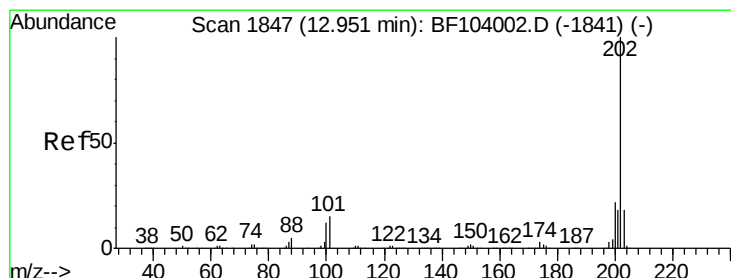
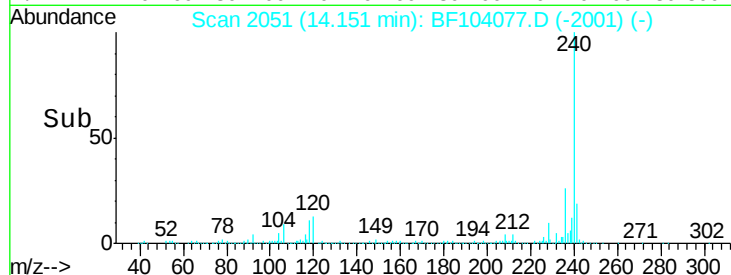
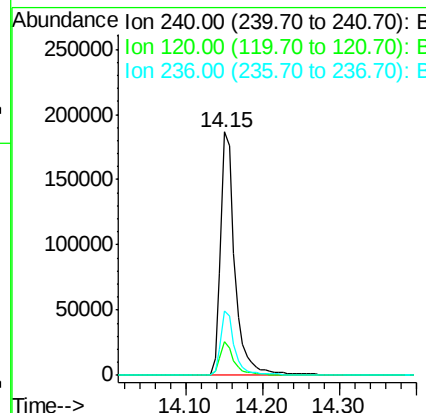
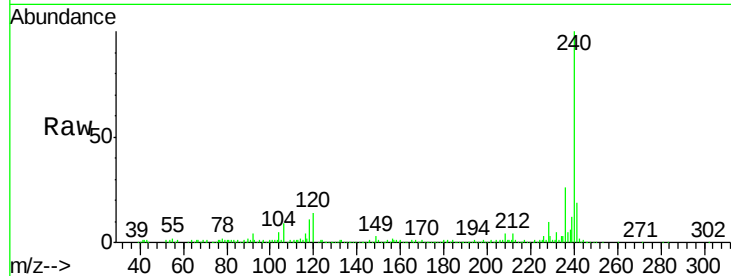
ClientSampleId :

PB-16-COMP

Tot Ion:	240	Resp:	239665
Ion Ratio		Lower	Upper
240	100		
120	13.7	9.5	14.3
236	26.3	20.7	31.1

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#77

Pyrene

Concen: 3.704 ng

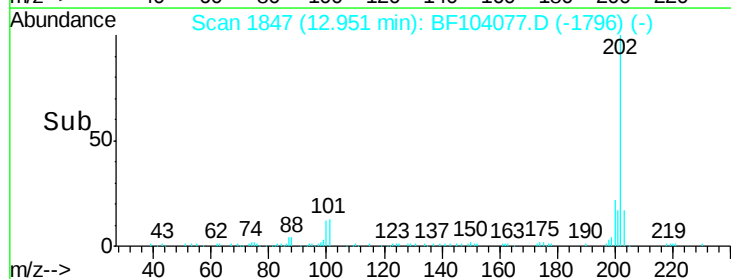
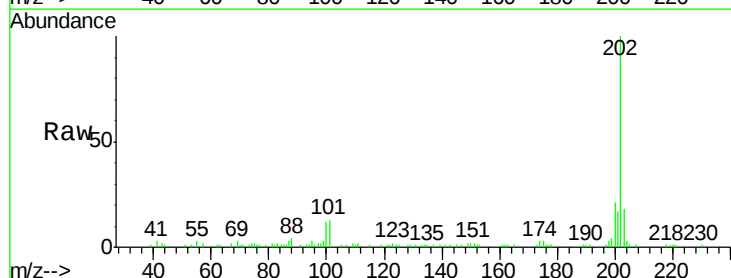
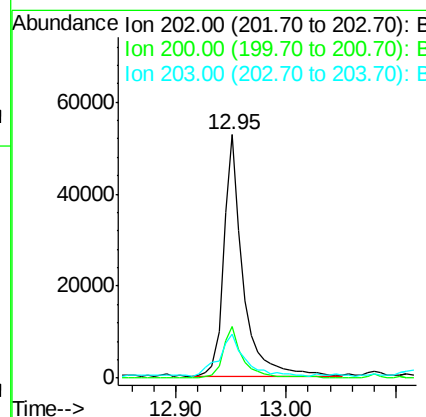
RT: 12.95 min Scan# 1847

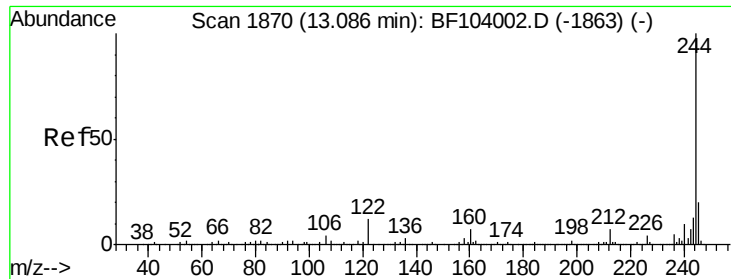
Delta R.T. -0.00 min

Lab File: BF104077.D

Acq: 30 Mar 2018 3:58

Tgt Ion:	202	Resp:	63815
Ion Ratio		Lower	Upper
202	100		
200	21.4	17.4	26.2
203	18.1	14.3	21.5





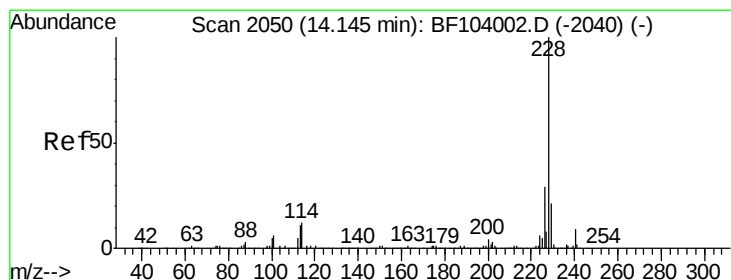
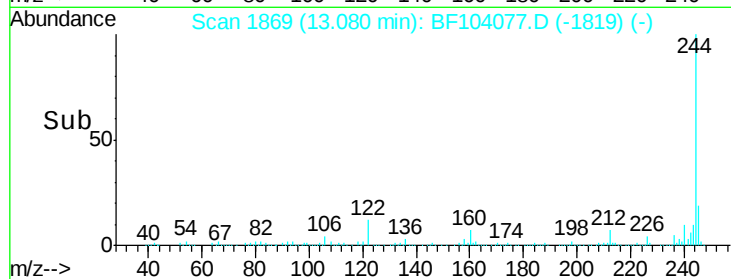
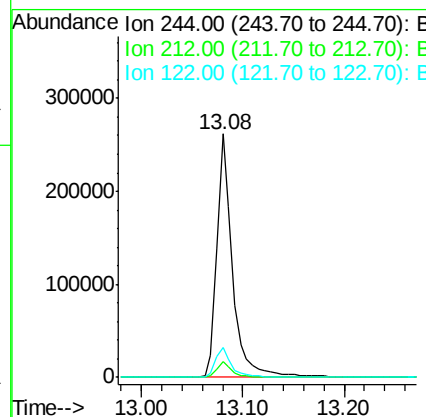
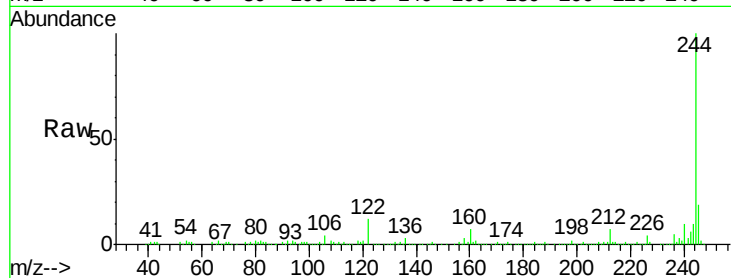
#78
 Terphenyl-d14
 Concen: 27.223 ng
 RT: 13.08 min Scan# 1869
 Delta R.T. -0.01 min
 Lab File: BF104077.D
 Acq: 30 Mar 2018 3:58

Instrument :
 BNA_F
 ClientSampleId :
 PB-16-COMP

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.4	8.0
122	12.0	11.0	16.4

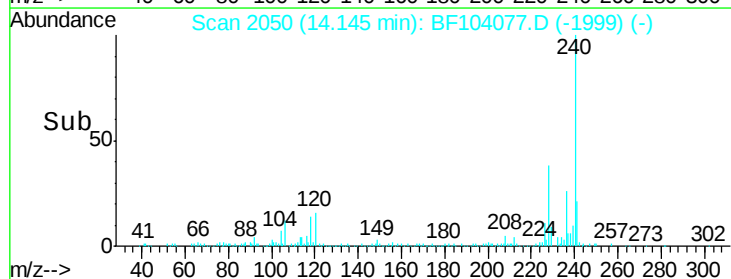
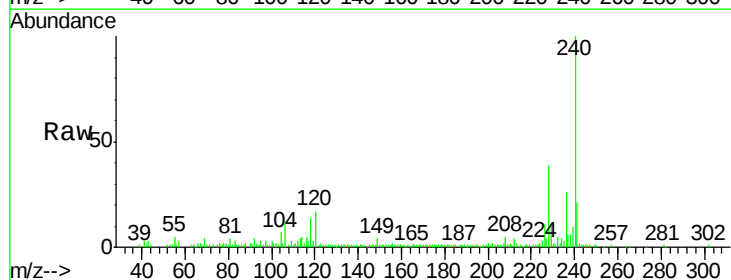
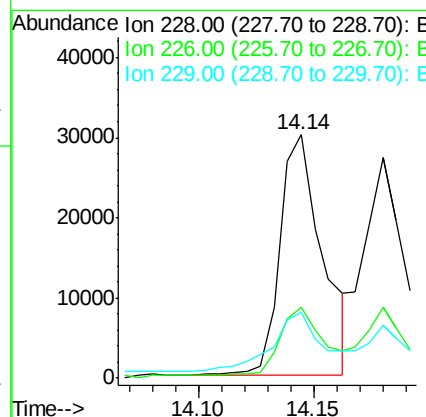
Manual Integrations
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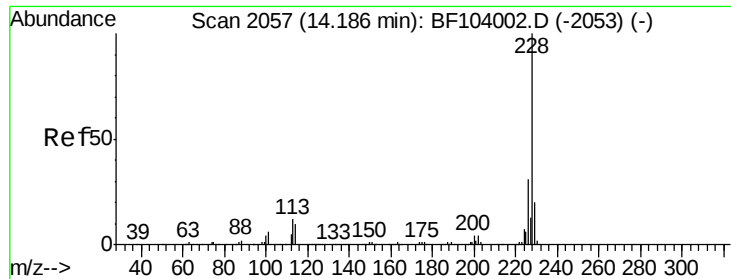
Sohil
 3/30/2018 6:03:18 PM



#80
 Benzo(a)anthracene
 Concen: 2.535 ng
 RT: 14.14 min Scan# 2050
 Delta R.T. -0.00 min
 Lab File: BF104077.D
 Acq: 30 Mar 2018 3:58

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.1	22.6	33.8
229	27.0	15.8	23.6





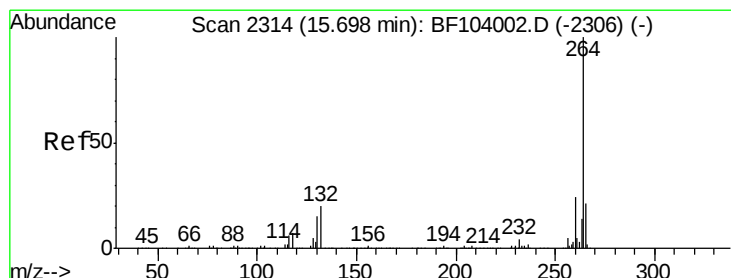
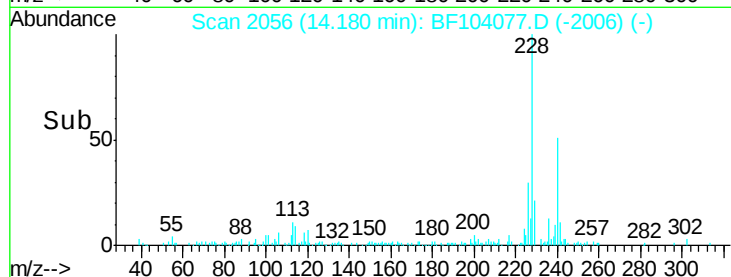
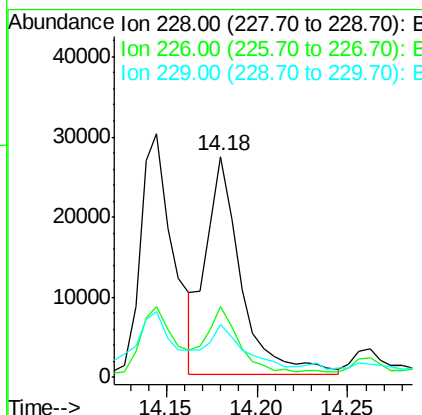
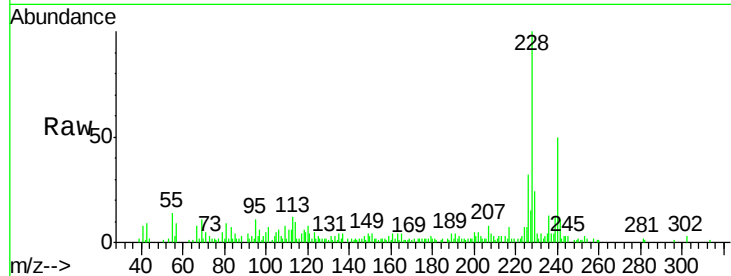
#82
Chrysene
Concen: 2.492 ng
RT: 14.18 min Scan# 2056
Delta R.T. -0.01 min
Lab File: BF104077.D
Acq: 30 Mar 2018 3:58

Instrument :
BNA_F
ClientSampleId :
PB-16-COMP

Tot Ion	Ratio	Lower	Upper
228	100		
226	31.9	25.0	37.6
229	24.2	16.2	24.4

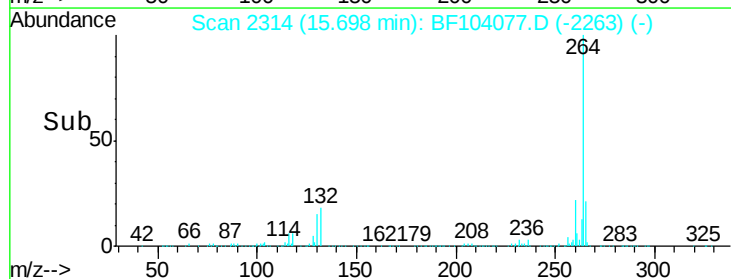
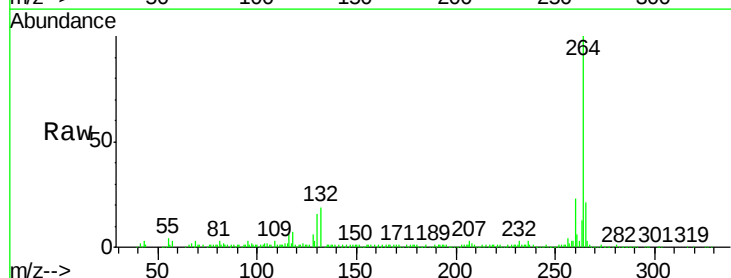
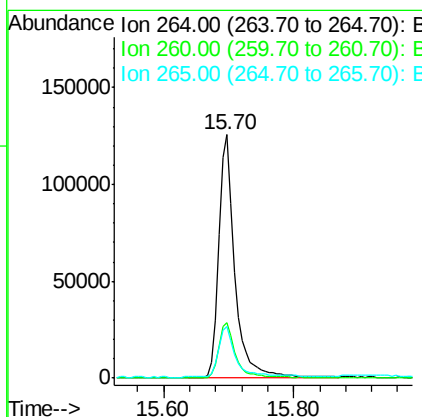
Manual Integrations
APPROVED

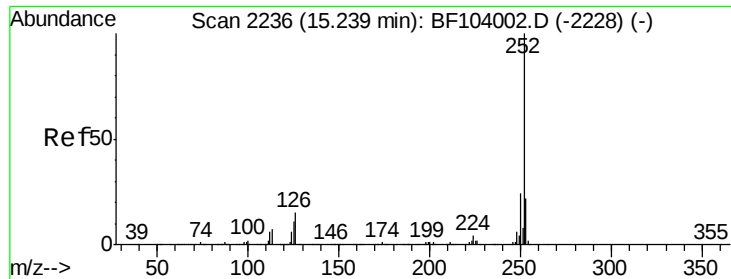
Sohil
3/30/2018 6:03:18 PM



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.70 min Scan# 2314
Delta R.T. -0.00 min
Lab File: BF104077.D
Acq: 30 Mar 2018 3:58

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.8	19.2	28.8
265	21.4	17.5	26.3





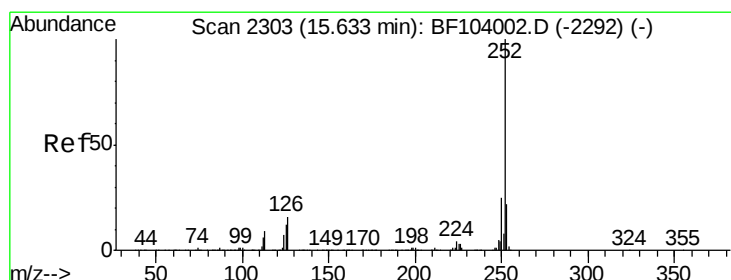
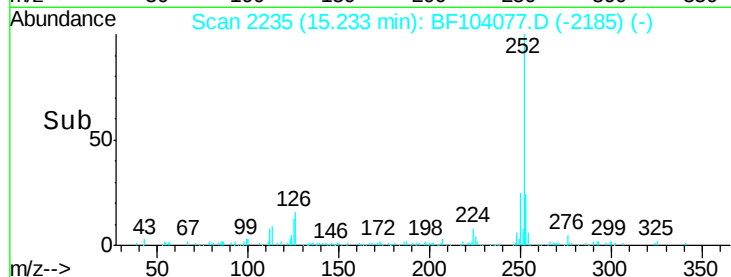
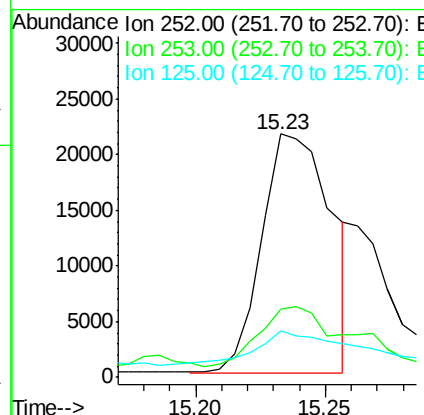
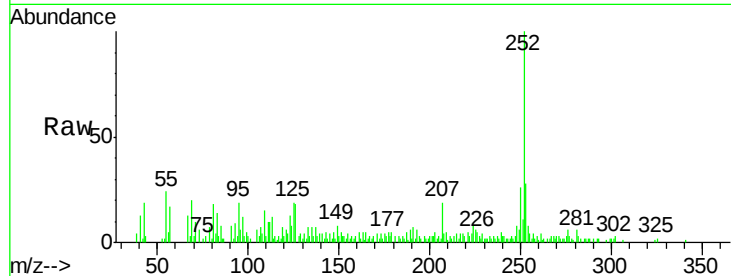
#87
Benzo(b)fluoranthene
Concen: 3.009 ng/mL
RT: 15.23 min Scan# 2235
Delta R.T. -0.01 min
Lab File: BF104077.D
Acq: 30 Mar 2018 3:58

Instrument :
BNA_F
ClientSampleId :
PB-16-COMP

Tot Ion	Ratio	Lower	Upper
252	100		
253	27.9	17.0	25.6#
125	19.1	9.0	13.6#

Manual Integrations
APPROVED

Sohil
3/30/2018 6:03:18 PM



#89
Benzo(a)pyrene
Concen: 2.675 ng/mL
RT: 15.63 min Scan# 2303
Delta R.T. -0.00 min
Lab File: BF104077.D
Acq: 30 Mar 2018 3:58

Tgt Ion	Ratio	Lower	Upper
252	100		
253	28.0	17.1	25.7#
125	22.1	9.8	14.6#

