

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF040218\
 Data File : BF104149.D
 Acq On : 2 Apr 2018 21:22
 Operator : JU/SJ
 Sample : J2112-02
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S-1-COMP

Manual Integrations
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Sohil
 4/3/2018 2:27:38 PM

Quant Time: Apr 03 02:09:22 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	96354	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	356630	20.00	ng	0.00
38) Acenaphthene-d10	10.00	164	142623	20.00	ng	0.00
63) Phenanthrene-d10	11.49	188	218103	20.00	ng	0.00
75) Chrysene-d12	14.15	240	237604	20.00	ng	0.00
86) Perylene-d12	15.70	264	201057	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	683392	113.11	ng	0.00
7) Phenol-d6	6.59	99	808890	108.82	ng	0.00
23) Nitrobenzene-d5	7.52	82	502216	86.12	ng	0.00
41) 2,4,6-Tribromophenol	10.79	330	161871	101.93	ng	0.00
44) 2-Fluorobiphenyl	9.31	172	754052	83.37	ng	0.00
78) Terphenyl-d14	13.08	244	634926	61.70	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.70	163	57209	5.080	ng	100
70) Phenanthrene	11.52	178	41126	3.483	ng	98
74) Fluoranthene	12.72	202	70593	5.624	ng	96
77) Pyrene	12.95	202	66331	3.883	ng	95
80) Benzo(a)anthracene	14.14	228	42141	2.834	ng	95
82) Chrysene	14.17	228	34957	2.401	ng	97
87) Benzo(b)fluoranthene	15.23	252	40321m	3.295	ng	
89) Benzo(a)pyrene	15.63	252	29086	2.565	ng	# 78

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

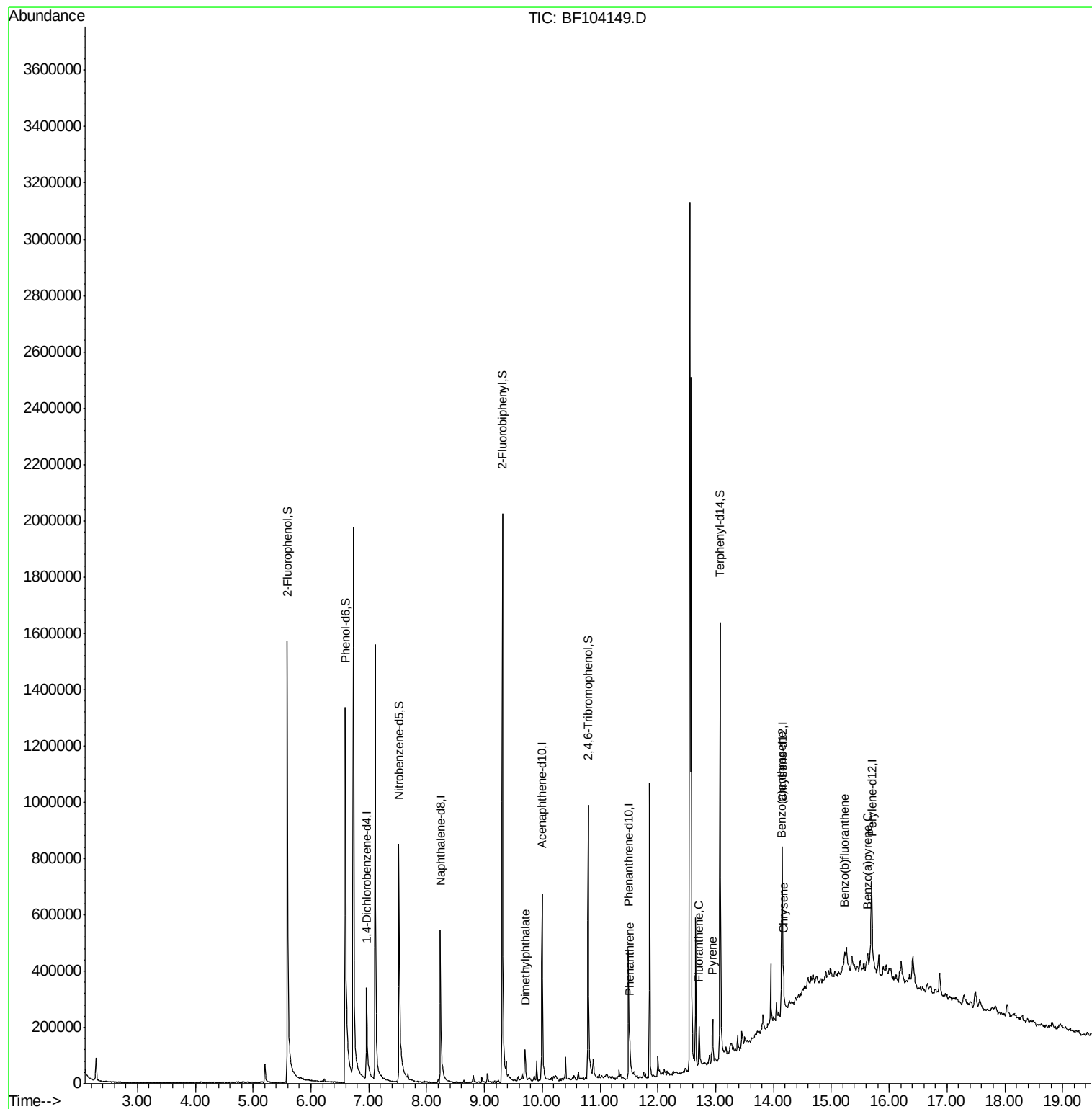
Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF040218\
Data File : BF104149.D
Acq On : 2 Apr 2018 21:22
Operator : JU/SJ
Sample : J2112-02
Misc :
ALS Vial : 26 Sample Multiplier: 1

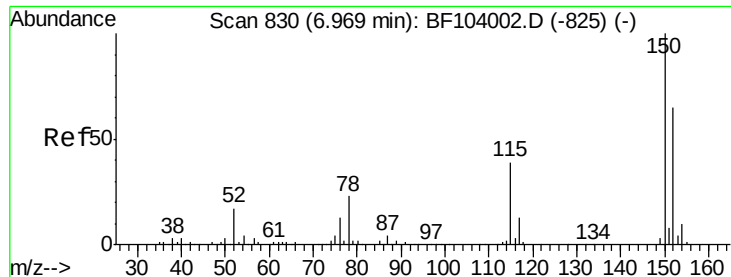
Instrument :
BNA_F
ClientSampleId :
S-1-COMP

Manual Integrations
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Quant Time: Apr 03 02:09:22 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration





#1

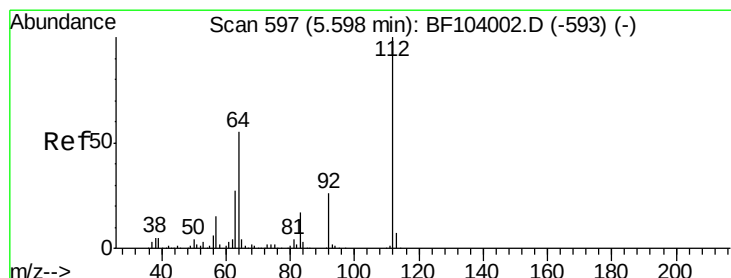
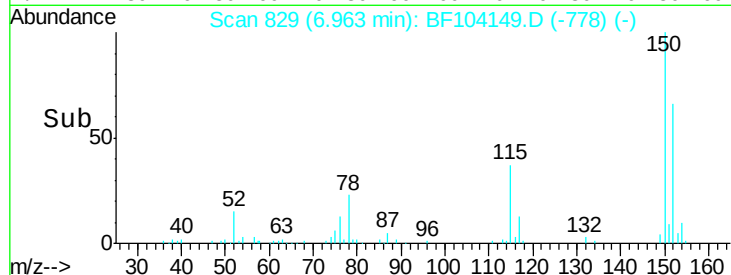
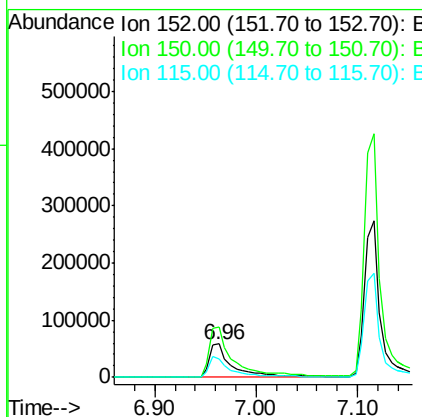
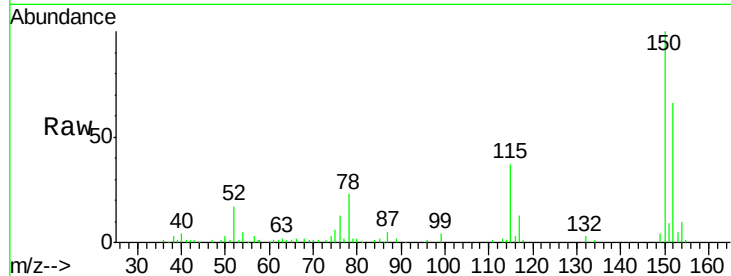
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.96 min Scan# 829
 Delta R.T. -0.00 min
 Lab File: BF104149.D
 Acq: 2 Apr 2018 21:22

Instrument :
 BNA_F
 ClientSampled :
 S-1-COMP

Tot Ion	Ratio	Lower	Upper
152	100		
150	151.5	124.6	186.8
115	56.8	50.1	75.1

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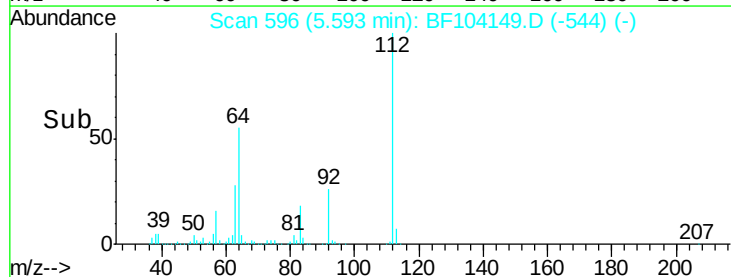
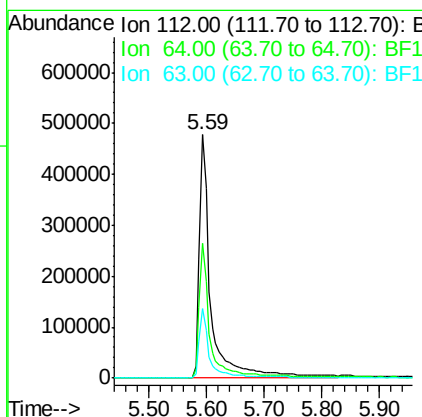
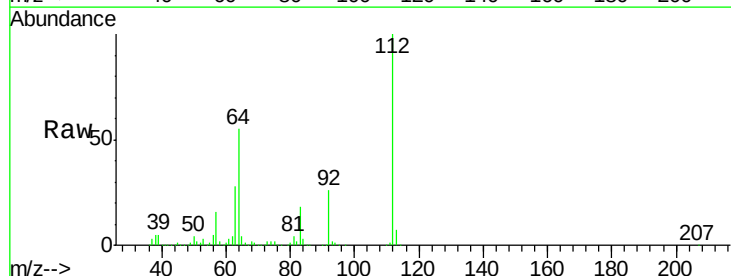
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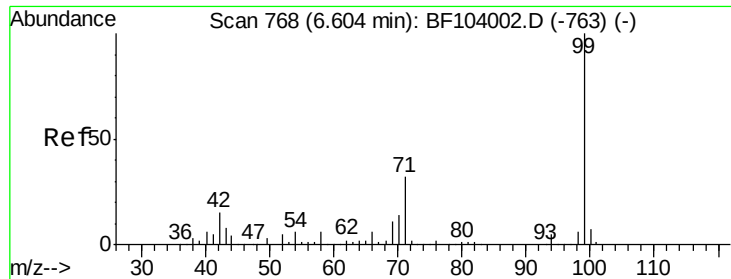


#5

2-Fluorophenol
 Concen: 113.108 ng
 RT: 5.59 min Scan# 596
 Delta R.T. 0.01 min
 Lab File: BF104149.D
 Acq: 2 Apr 2018 21:22

Tgt Ion	Ratio	Lower	Upper
112	100		
64	55.4	47.9	71.9
63	28.3	23.7	35.5





#7

Phenol-d6

Concen: 108.818 ng

RT: 6.59 min Scan# 766

Delta R.T. -0.01 min

Lab File: BF104149.D

Acq: 2 Apr 2018 21:22

Instrument :

BNA_F

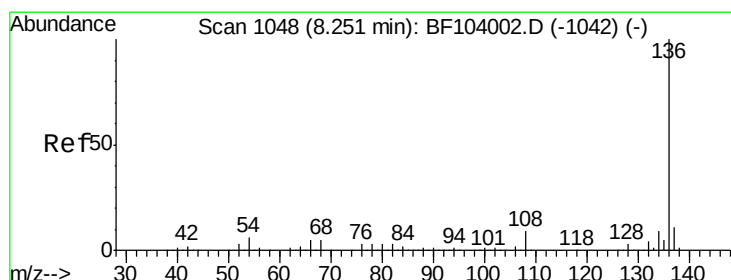
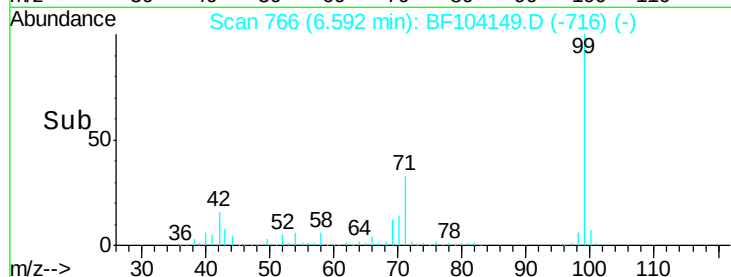
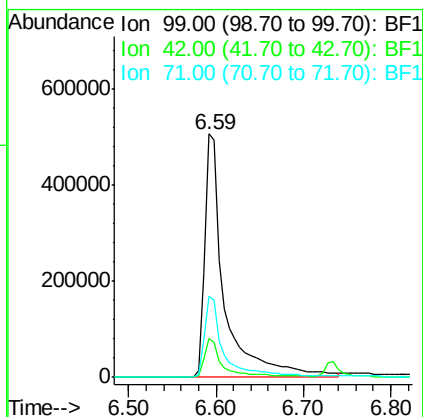
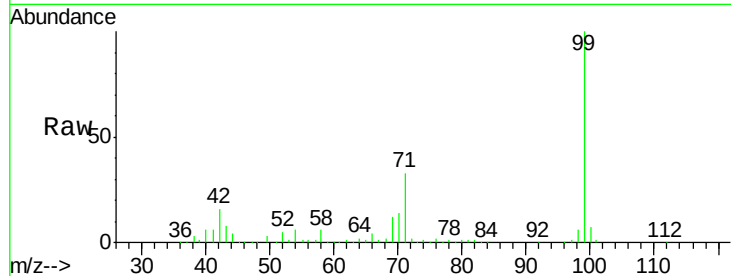
ClientSampleId :

S-1-COMP

Tot Ion:	99	Resp:	808890
Ion Ratio	Lower	Upper	
99	100		
42	15.8	14.5	21.7
71	33.3	25.4	38.0

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#21

Naphthalene-d8

Concen: 20.000 ng

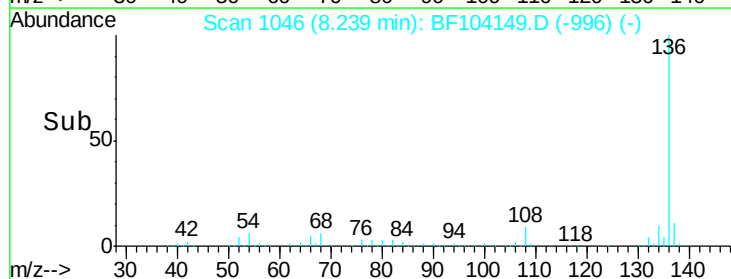
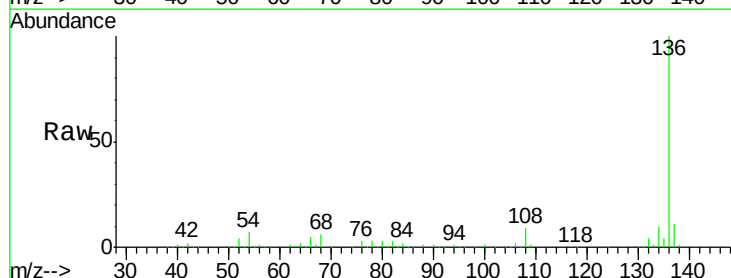
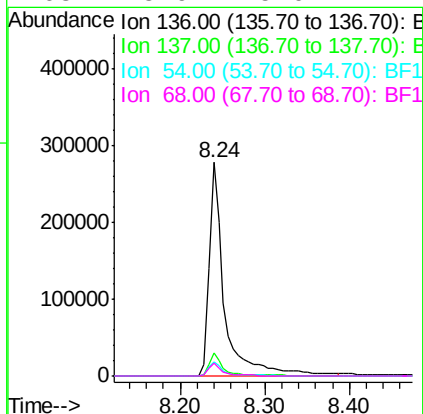
RT: 8.24 min Scan# 1046

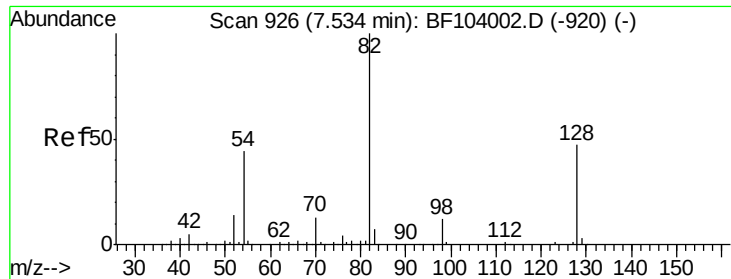
Delta R.T. -0.01 min

Lab File: BF104149.D

Acq: 2 Apr 2018 21:22

Tgt Ion:	136	Resp:	356630
Ion Ratio	Lower	Upper	
136	100		
137	11.1	8.9	13.3
54	6.7	6.6	9.8
68	5.9	5.0	7.4





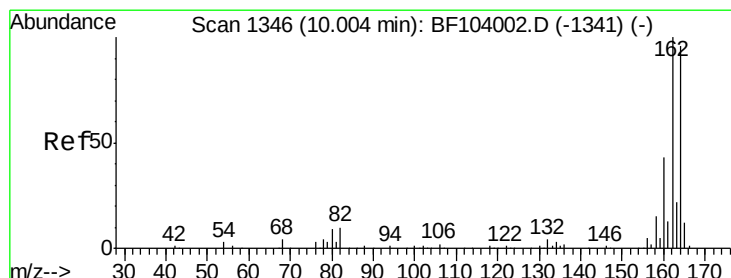
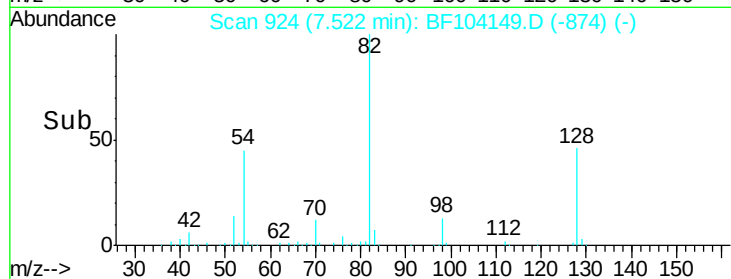
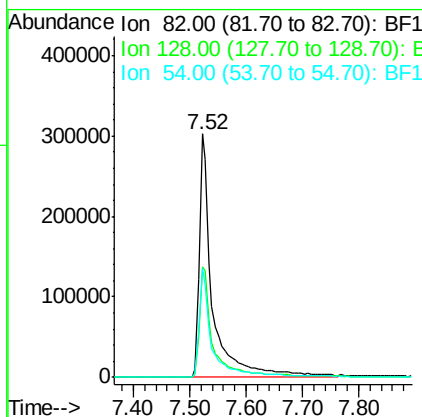
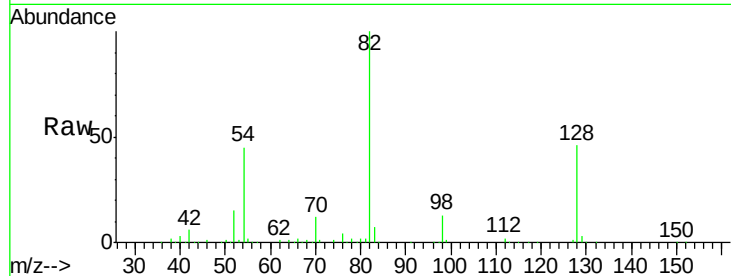
#23
 Nitrobenzene-d5
 Concen: 86.121 ng
 RT: 7.52 min Scan# 924
 Delta R.T. -0.01 min
 Lab File: BF104149.D
 Acq: 2 Apr 2018 21:22

Instrument :
 BNA_F
 ClientSampleId :
 S-1-COMP

Tot Ion:	82	Resp:	502216
Ion Ratio	Lower	Upper	
82	100		
128	45.6	36.1	54.1
54	44.7	41.4	62.2

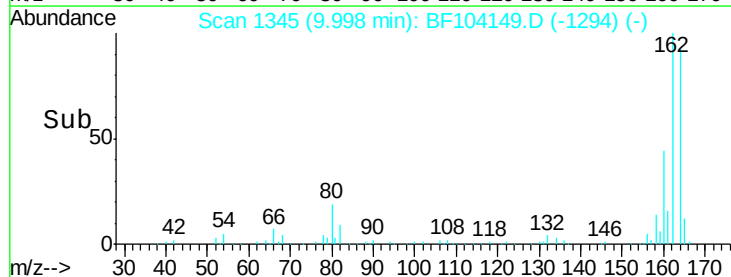
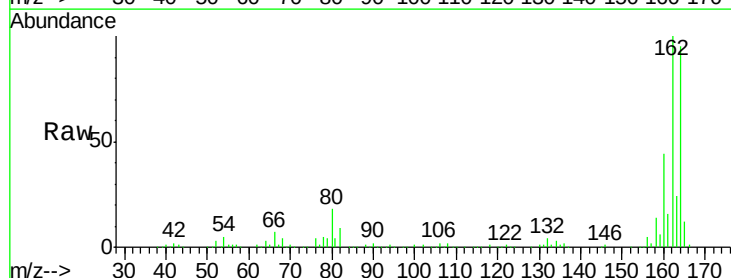
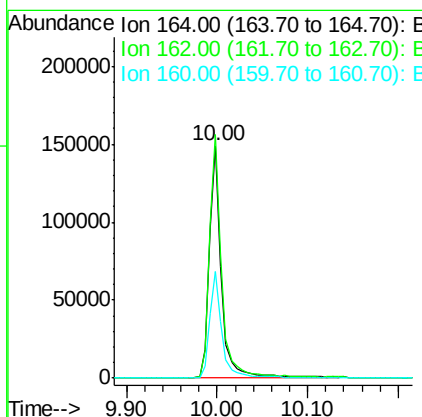
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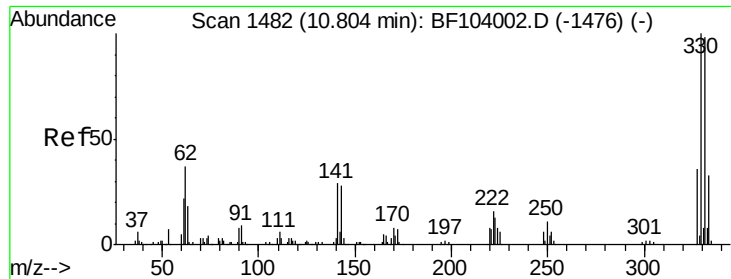
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#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.00 min Scan# 1345
 Delta R.T. -0.00 min
 Lab File: BF104149.D
 Acq: 2 Apr 2018 21:22

Tgt Ion:	164	Resp:	142623
Ion Ratio	Lower	Upper	
164	100		
162	104.8	86.1	129.1
160	46.0	38.3	57.5





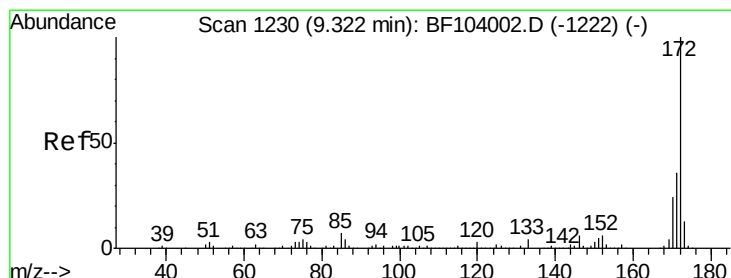
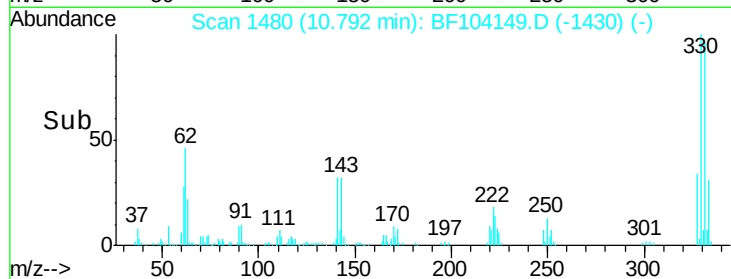
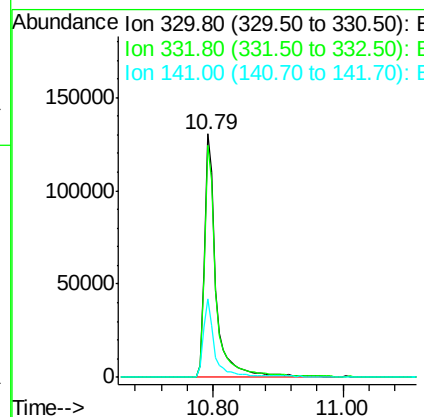
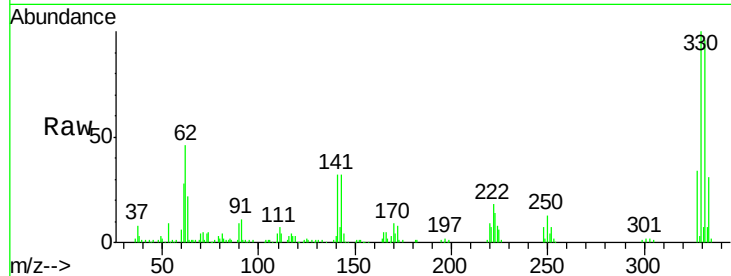
#41
 2,4,6-Tribromophenol
 Concen: 101.927 ng
 RT: 10.79 min Scan# 1480
 Delta R.T. -0.01 min
 Lab File: BF104149.D
 Acq: 2 Apr 2018 21:22

Instrument :
 BNA_F
 ClientSampleId :
 S-1-COMP

Tot Ion	Ratio	Resp	Lower	Upper
330	100	161871		
332	96.6	77.0	115.6	
141	30.6	29.9	44.9	

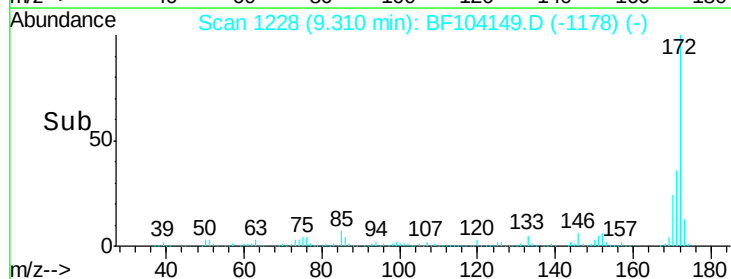
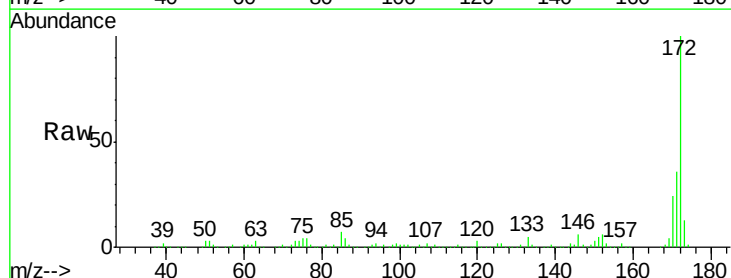
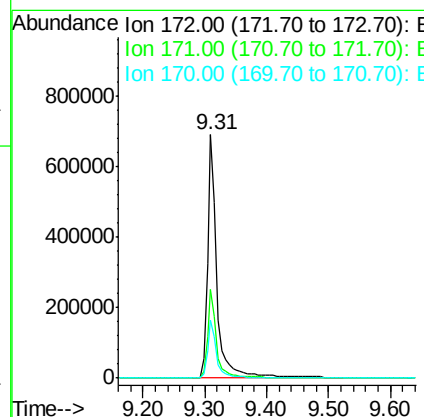
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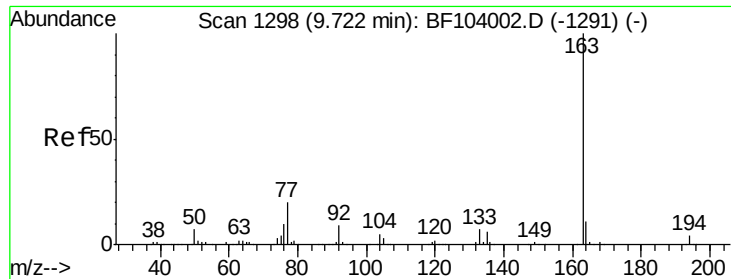
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#44
 2-Fluorobiphenyl
 Concen: 83.372 ng
 RT: 9.31 min Scan# 1228
 Delta R.T. -0.01 min
 Lab File: BF104149.D
 Acq: 2 Apr 2018 21:22

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	754052		
171	36.4	29.7	44.5	
170	23.8	19.6	29.4	





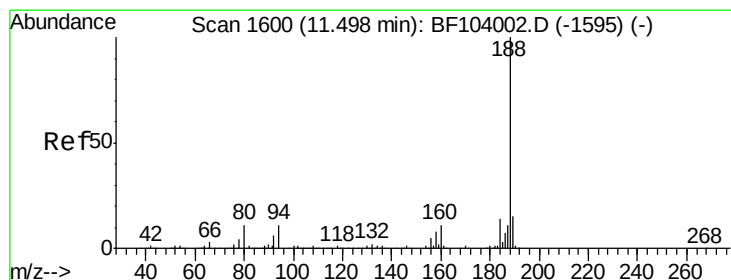
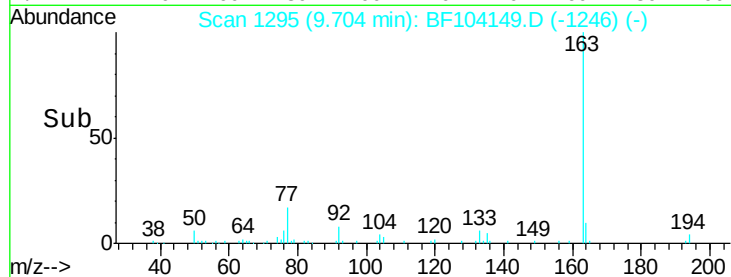
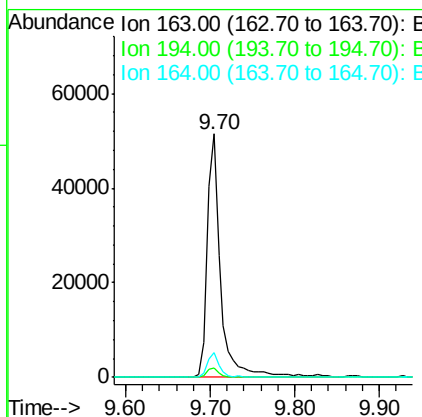
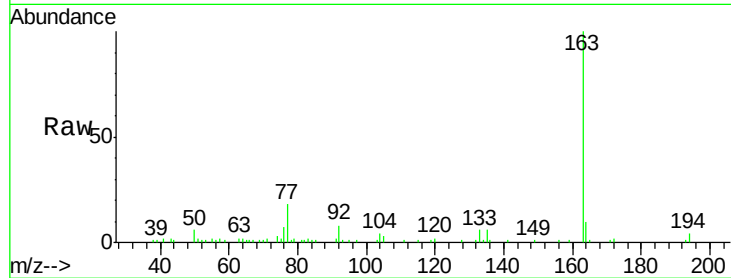
#49
Dimethylphthalate
Concen: 5.080 ng
RT: 9.70 min Scan# 1295
Delta R.T. -0.01 min
Lab File: BF104149.D
Acq: 2 Apr 2018 21:22

Instrument :
BNA_F
ClientSampleId :
S-1-COMP

Tot Ion:	163	Resp:	57209
Ion Ratio	Lower	Upper	
163	100		
194	3.7	2.7	4.1
164	10.3	8.2	12.2

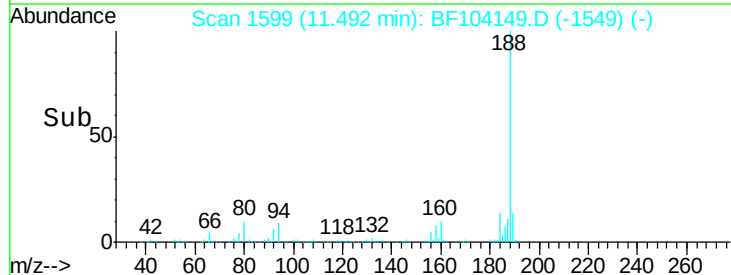
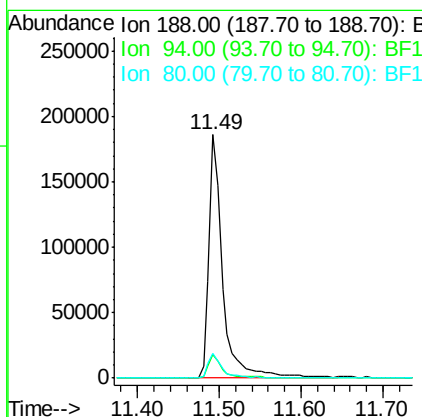
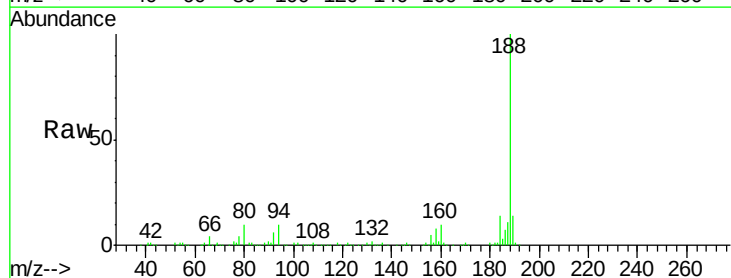
Manual Integrations
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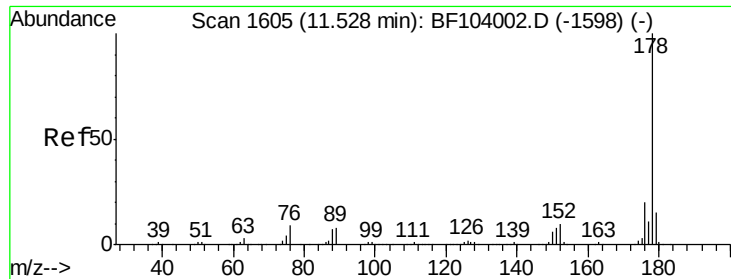
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#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.49 min Scan# 1599
Delta R.T. -0.01 min
Lab File: BF104149.D
Acq: 2 Apr 2018 21:22

Tgt Ion:	188	Resp:	218103
Ion Ratio	Lower	Upper	
188	100		
94	9.7	8.5	12.7
80	10.4	9.2	13.8





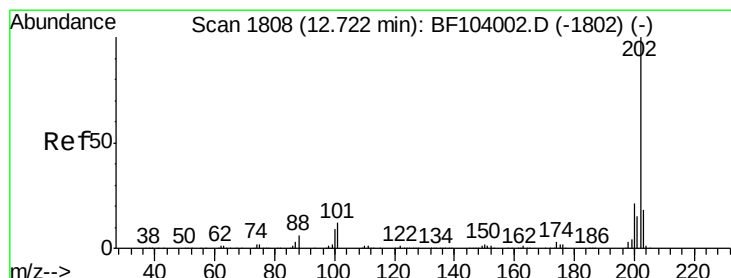
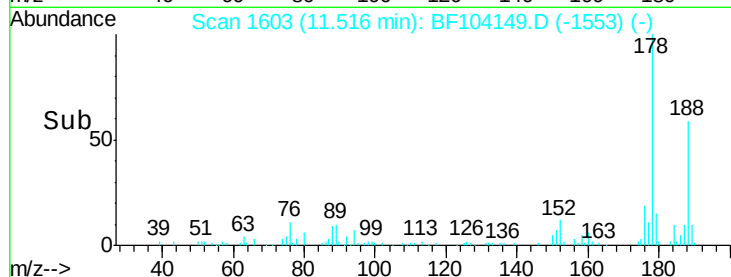
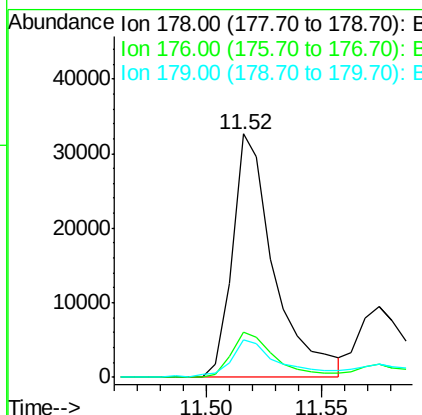
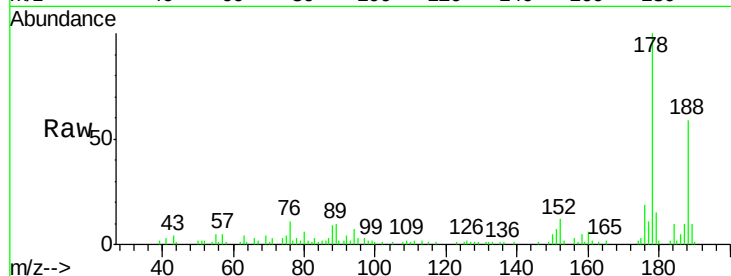
#70
Phenanthrene
Concen: 3.483 ng
RT: 11.52 min Scan# 1603
Delta R.T. -0.01 min
Lab File: BF104149.D
Acq: 2 Apr 2018 21:22

Instrument :
BNA_F
ClientSampleId :
S-1-COMP

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.5	15.8	23.8
179	15.4	13.0	19.6

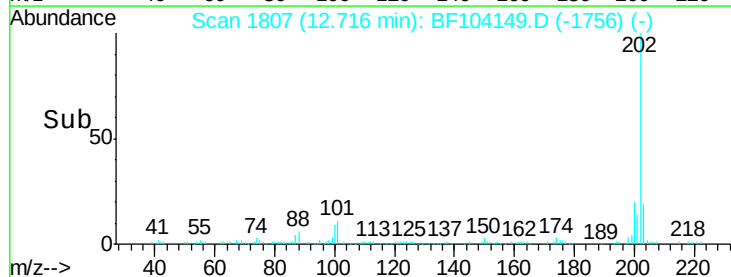
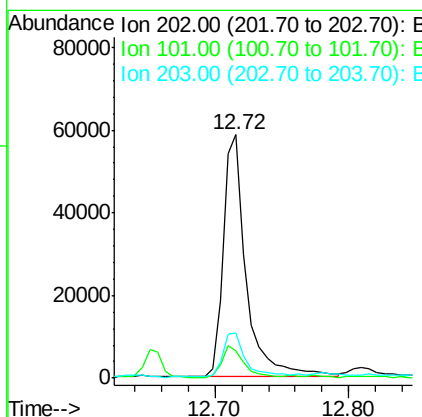
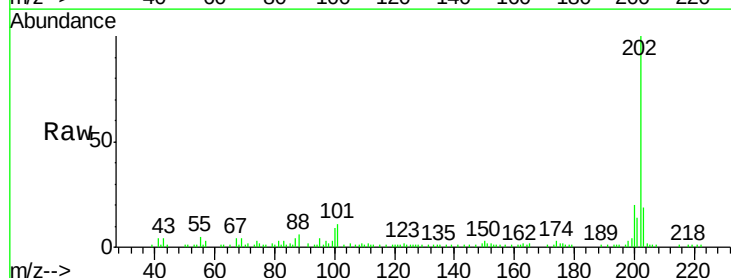
Manual Integrations
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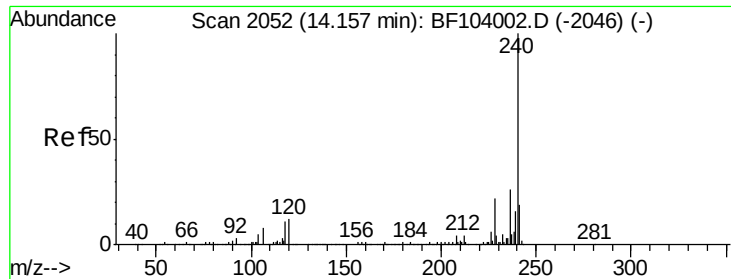
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#74
Fluoranthene
Concen: 5.624 ng
RT: 12.72 min Scan# 1807
Delta R.T. -0.00 min
Lab File: BF104149.D
Acq: 2 Apr 2018 21:22

Tgt Ion	Ratio	Lower	Upper
202	100		
101	11.2	0.0	34.1
203	18.5	0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.15 min Scan# 2051

Delta R.T. -0.00 min

Lab File: BF104149.D

Acq: 2 Apr 2018 21:22

Instrument :

BNA_F

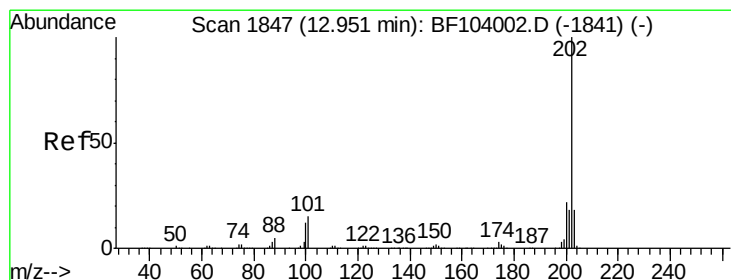
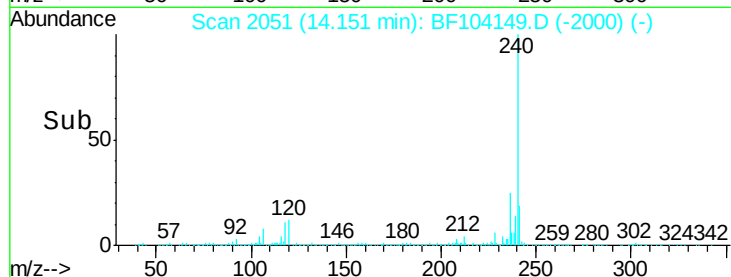
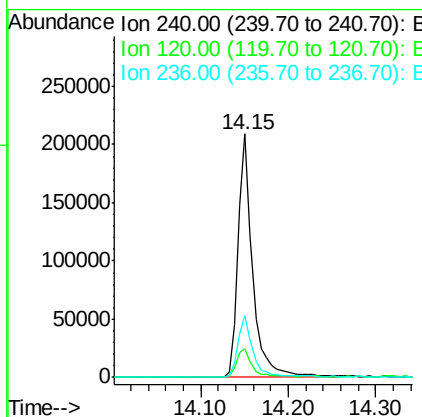
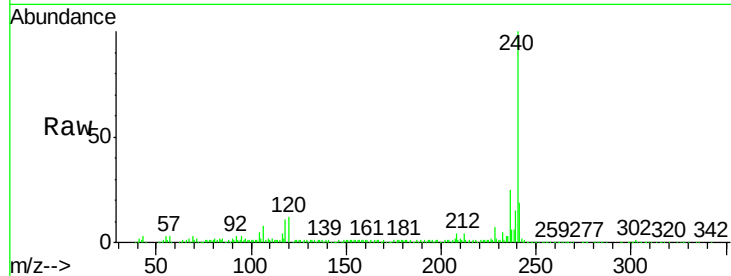
ClientSampleId :

S-1-COMP

Tot Ion:	240	Resp:	237604
Ion Ratio	Lower	Upper	
240	100		
120	11.9	9.5	14.3
236	25.2	20.7	31.1

Manual Integrations
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#77

Pyrene

Concen: 3.883 ng

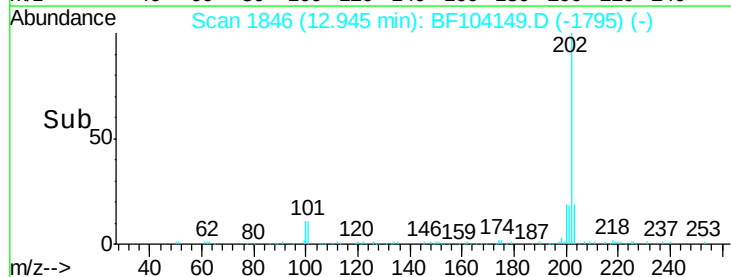
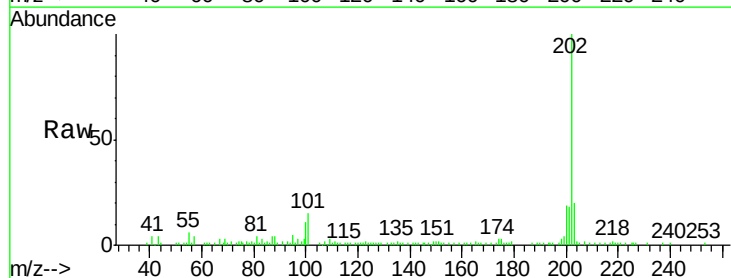
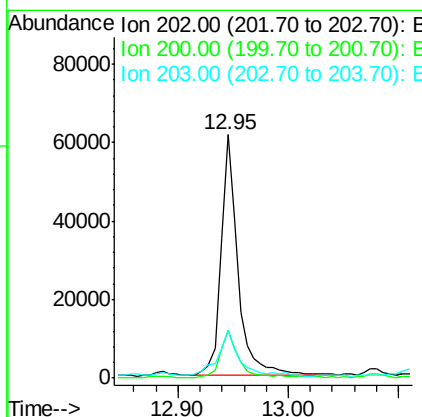
RT: 12.95 min Scan# 1846

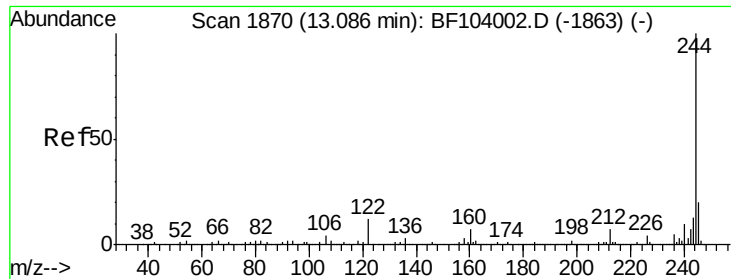
Delta R.T. -0.00 min

Lab File: BF104149.D

Acq: 2 Apr 2018 21:22

Tgt Ion:	202	Resp:	66331
Ion Ratio	Lower	Upper	
202	100		
200	19.4	17.4	26.2
203	19.8	14.3	21.5





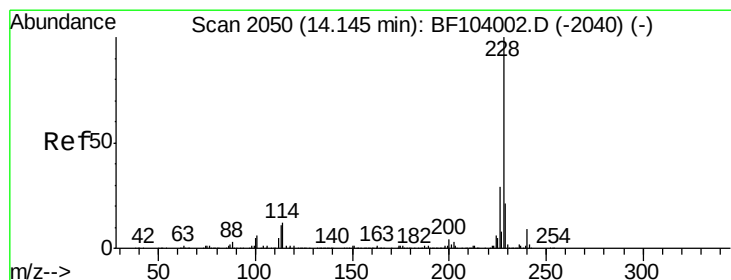
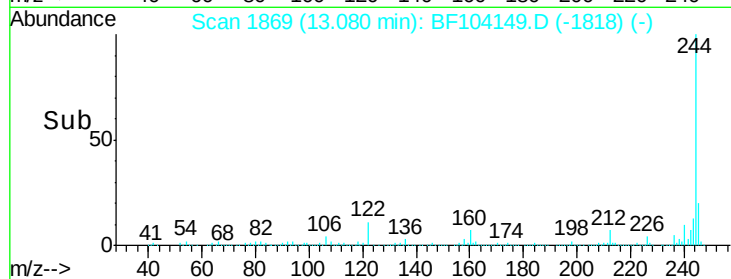
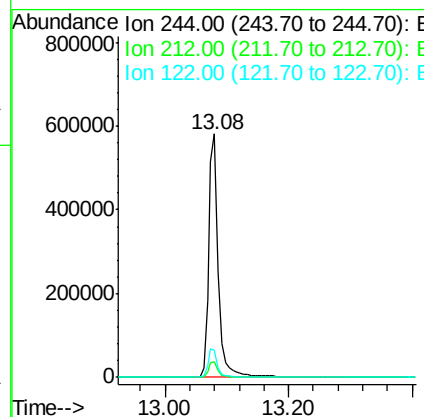
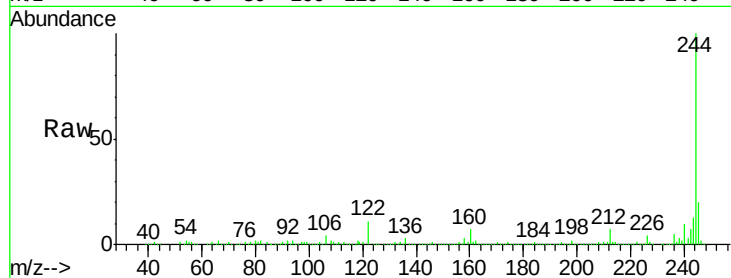
#78
 Terphenyl-d14
 Concen: 61.700 ng
 RT: 13.08 min Scan# 1869
 Delta R.T. -0.00 min
 Lab File: BF104149.D
 Acq: 2 Apr 2018 21:22

Instrument :
 BNA_F
 ClientSampleId :
 S-1-COMP

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.4	8.0
122	11.3	11.0	16.4

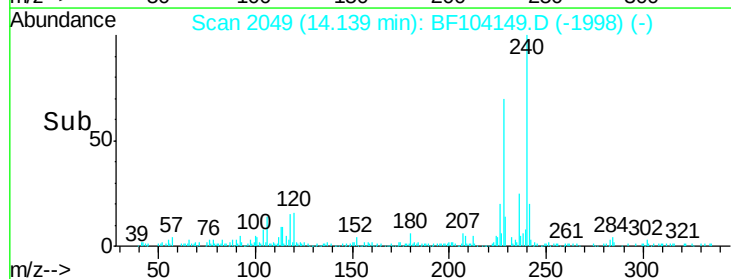
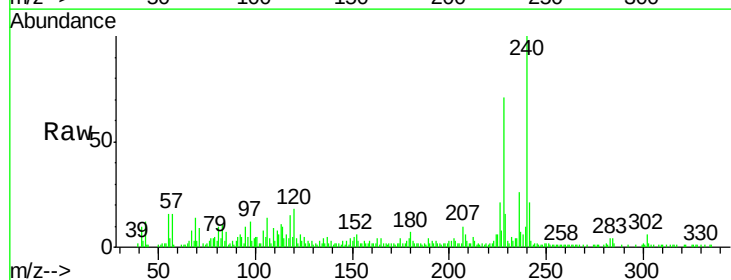
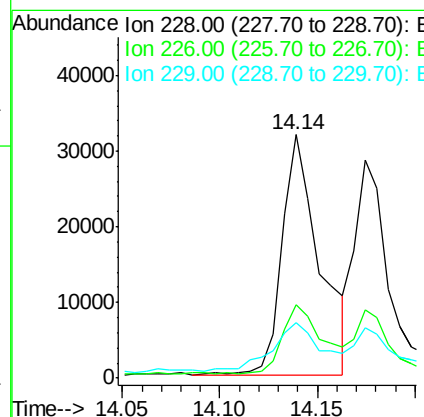
Manual Integrations
 APPROVED

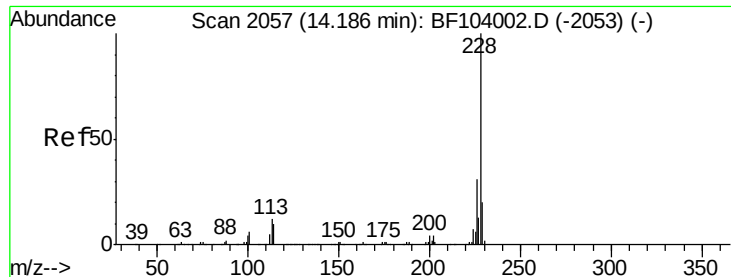
Sohil
 4/3/2018 2:27:38 PM



#80
 Benzo(a)anthracene
 Concen: 2.834 ng
 RT: 14.14 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: BF104149.D
 Acq: 2 Apr 2018 21:22

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.2	22.6	33.8
229	23.0	15.8	23.6





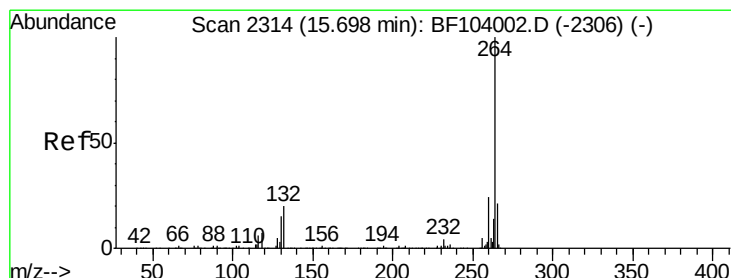
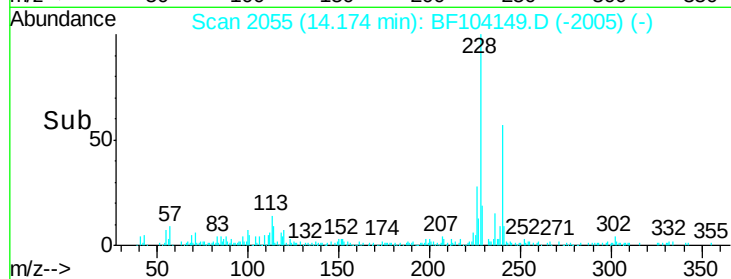
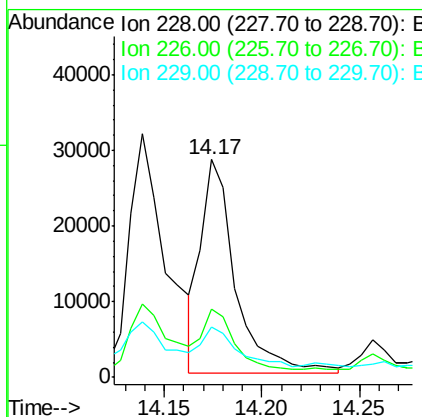
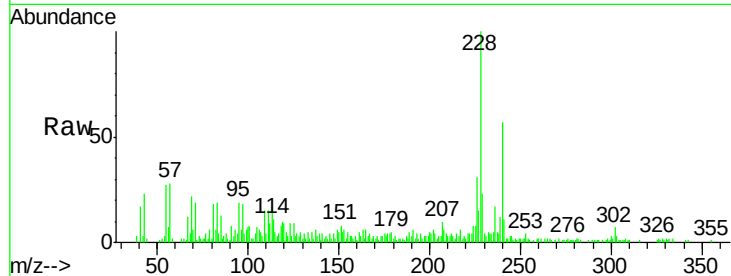
#82
Chrysene
Concen: 2.401 ng
RT: 14.17 min Scan# 2055
Delta R.T. -0.01 min
Lab File: BF104149.D
Acq: 2 Apr 2018 21:22

Instrument :
BNA_F
ClientSampleId :
S-1-COMP

Tot Ion:228	Resp:	34957
Ion Ratio	Lower	Upper
228 100		
226 31.3	25.0	37.6
229 23.2	16.2	24.4

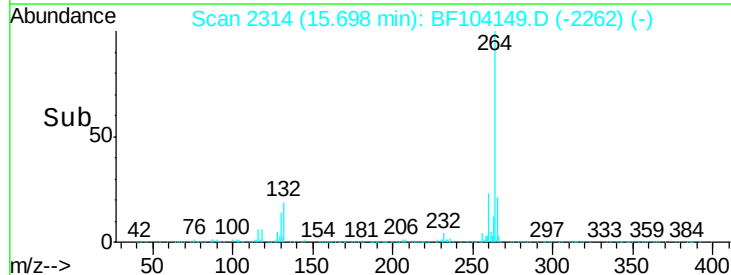
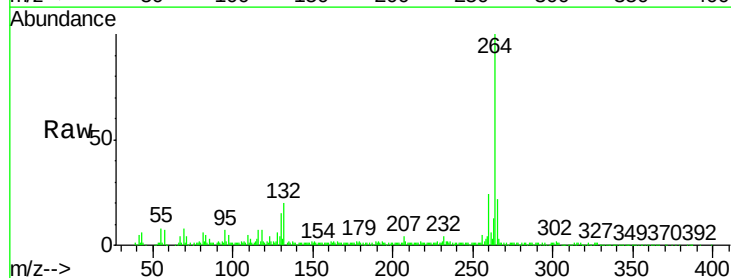
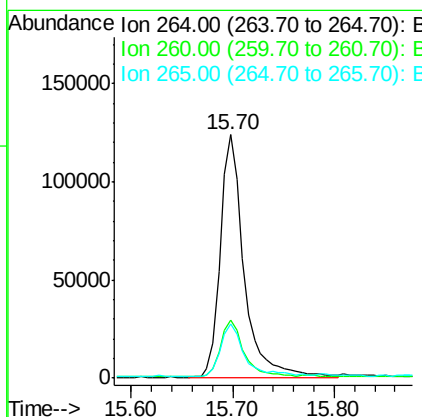
Manual Integrations
APPROVED

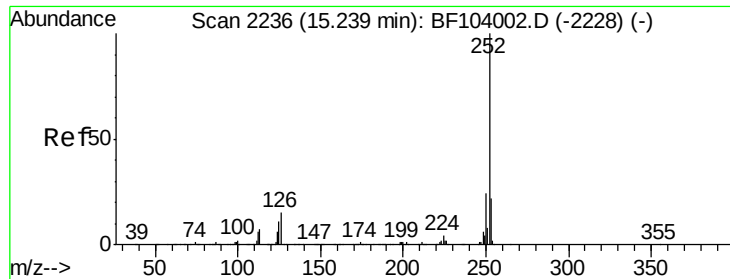
Sohil
4/3/2018 2:27:38 PM



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.70 min Scan# 2314
Delta R.T. 0.01 min
Lab File: BF104149.D
Acq: 2 Apr 2018 21:22

Tgt Ion:264	Resp:	201057
Ion Ratio	Lower	Upper
264 100		
260 23.8	19.2	28.8
265 22.0	17.5	26.3





#87

Benzo(b)fluoranthene

Concen: 3.295 ng/mL

RT: 15.23 min Scan# 2235

Delta R.T. -0.00 min

Lab File: BF104149.D

Acq: 2 Apr 2018 21:22

Instrument :

BNA_F

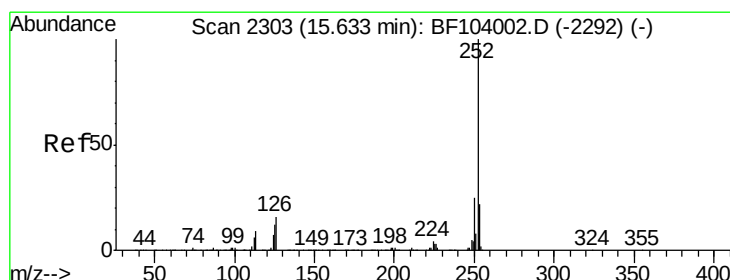
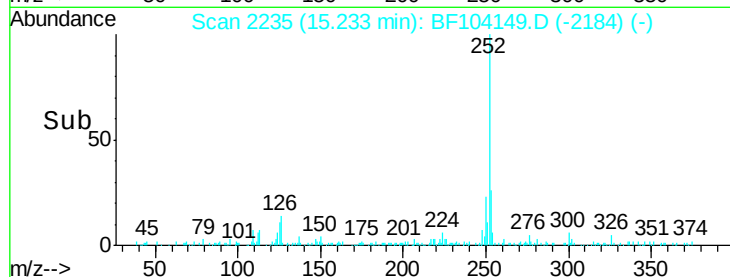
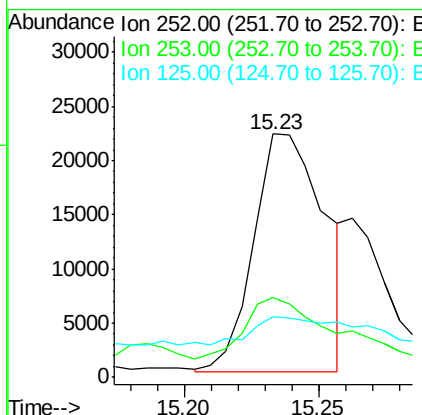
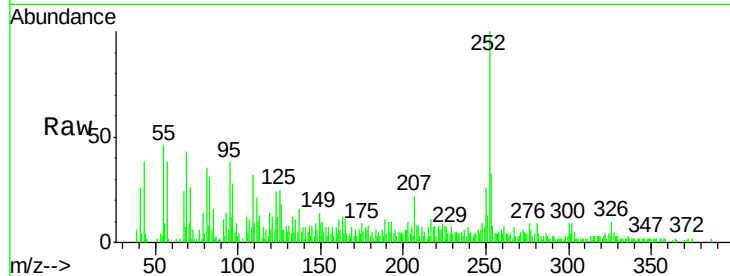
ClientSampleId :

S-1-COMP

Tot Ion:	252	Resp:	40321
Ion Ratio	Lower	Upper	
252	100		
253	32.7	17.0	25.6#
125	24.6	9.0	13.6#

Manual Integrations
APPROVED

Sohil
4/3/2018 2:27:38 PM



#89

Benzo(a)pyrene

Concen: 2.565 ng/mL

RT: 15.63 min Scan# 2303

Delta R.T. 0.01 min

Lab File: BF104149.D

Acq: 2 Apr 2018 21:22

Tgt Ion:	252	Resp:	29086
Ion Ratio	Lower	Upper	
252	100		
253	29.5	17.1	25.7#
125	24.6	9.8	14.6#

