

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF040218\
 Data File : BF104130.D
 Acq On : 2 Apr 2018 13:03
 Operator : JU/SJ
 Sample : J2112-06
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S-3-COMP

Manual Integrations
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Sohil
 4/3/2018 2:28:57 PM

Quant Time: Apr 02 14:00:15 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	102929	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	429269	20.00	ng	0.00
38) Acenaphthene-d10	10.00	164	203328	20.00	ng	0.00
63) Phenanthrene-d10	11.49	188	358452	20.00	ng	0.00
75) Chrysene-d12	14.15	240	219852	20.00	ng	0.00
86) Perylene-d12	15.70	264	234016	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	629217	97.49	ng	0.00
7) Phenol-d6	6.59	99	856480	107.86	ng	0.00
23) Nitrobenzene-d5	7.52	82	523050	74.52	ng	0.00
41) 2,4,6-Tribromophenol	10.79	330	232718	102.79	ng	0.00
44) 2-Fluorobiphenyl	9.31	172	839641	65.12	ng	0.00
78) Terphenyl-d14	13.08	244	728952	76.56	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	9.70	163	85118	5.302	ng	99
51) Acenaphthene	10.03	154	34275	2.841	ng	96
57) Fluorene	10.55	166	58342	4.015	ng	99
70) Phenanthrene	11.52	178	827521	42.640	ng	98
71) Anthracene	11.57	178	297137	14.658	ng	100
74) Fluoranthene	12.72	202	1113342	53.971	ng	99
77) Pyrene	12.95	202	935070	59.166	ng	99
80) Benzo(a)anthracene	14.14	228	472428	34.342	ng	98
82) Chrysene	14.17	228	361804	26.852	ng	97
85) Indeno(1,2,3-cd)pyrene	17.29	276	229757m	16.455	ng	
87) Benzo(b)fluoranthene	15.24	252	448928m	31.521	ng	
88) Benzo(k)fluoranthene	15.26	252	180676m	13.467	ng	
89) Benzo(a)pyrene	15.63	252	367888	27.875	ng	99
90) Dibenzo(a,h)anthracene	17.29	278	44889	3.679	ng	# 73
91) Benzo(a,h,i)perylene	17.77	276	209005	17.101	ng	94

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

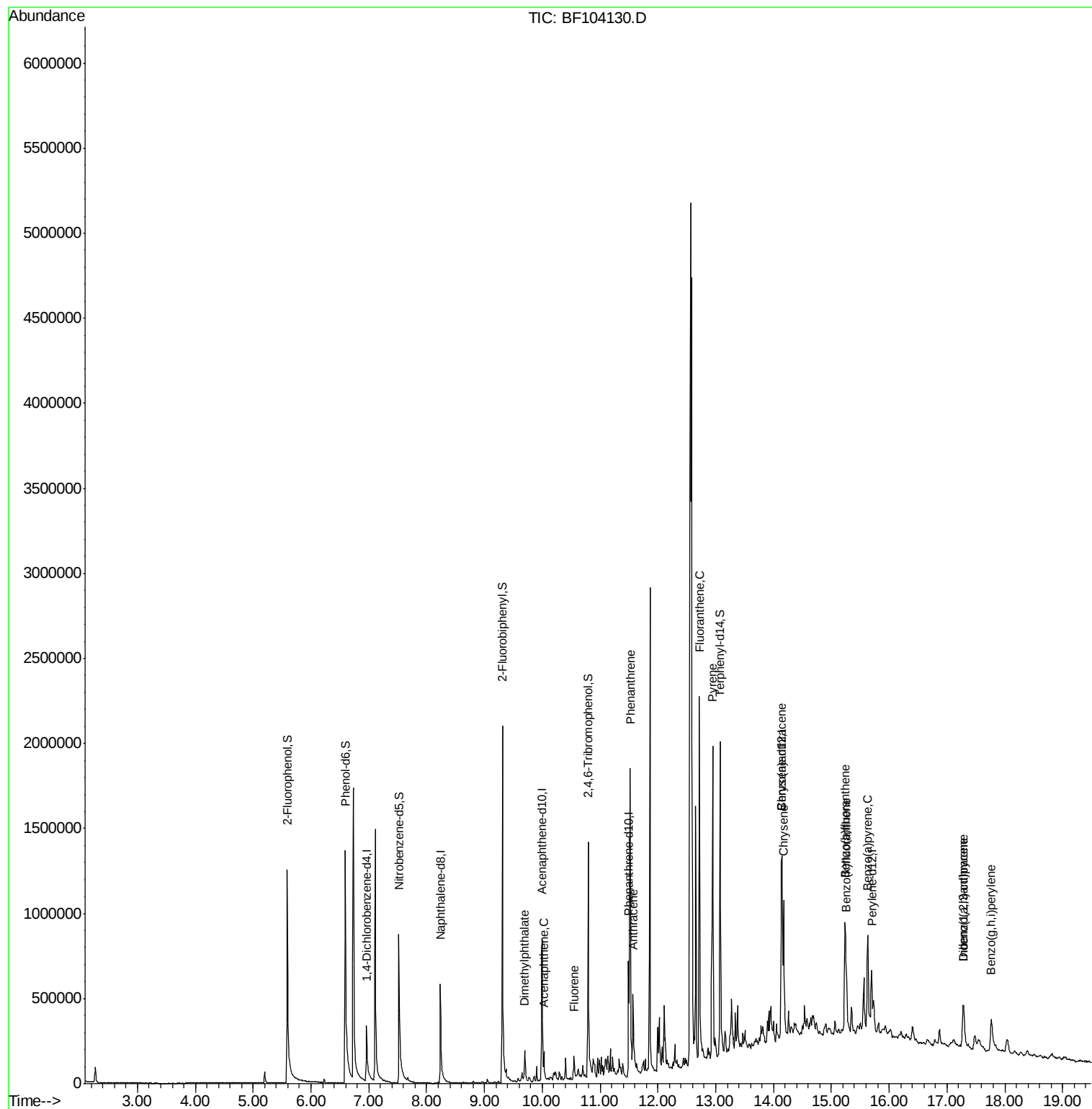
Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF040218\
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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032818.M
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#1

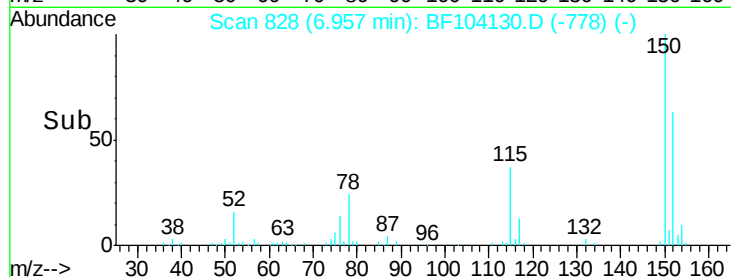
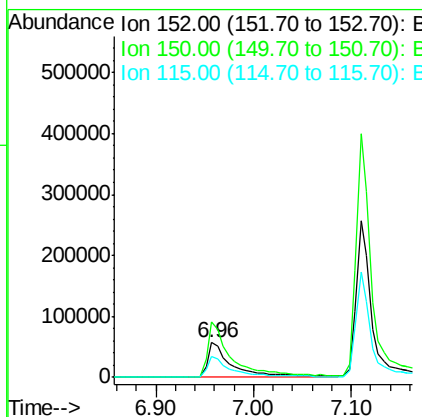
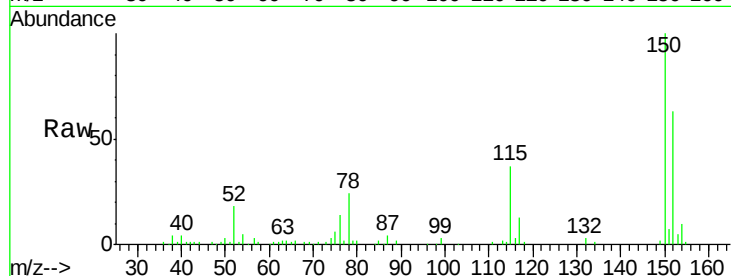
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.96 min Scan# 828
Delta R.T. -0.01 min
Lab File: BF104130.D
Acq: 2 Apr 2018 13:03

Instrument :
BNA_F
ClientSampled :
S-3-COMP

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.9	124.6	186.8
115	59.8	50.1	75.1

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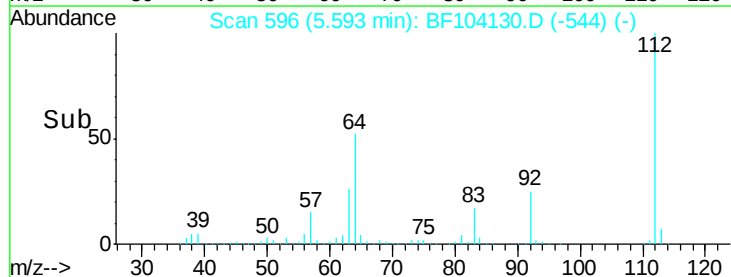
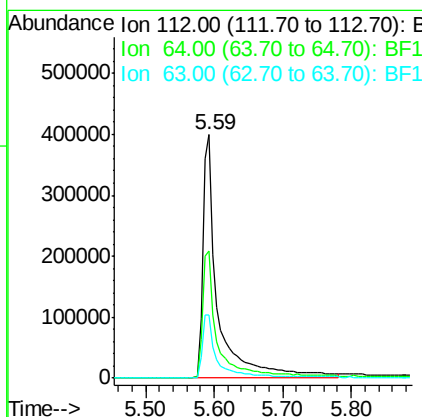
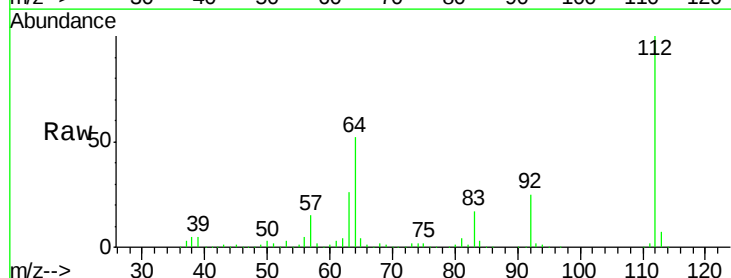
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#5

2-Fluorophenol
Concen: 97.489 ng
RT: 5.59 min Scan# 596
Delta R.T. 0.01 min
Lab File: BF104130.D
Acq: 2 Apr 2018 13:03

Tgt Ion	Ratio	Lower	Upper
112	100		
64	52.4	47.9	71.9
63	25.9	23.7	35.5





#7

Phenol-d6

Concen: 107.860 ng

RT: 6.59 min Scan# 766

Delta R.T. -0.01 min

Lab File: BF104130.D

Acq: 2 Apr 2018 13:03

Instrument :

BNA_F

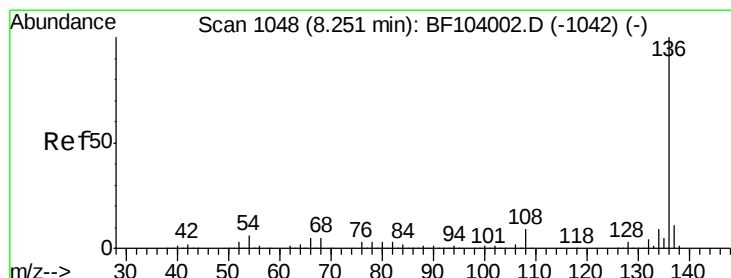
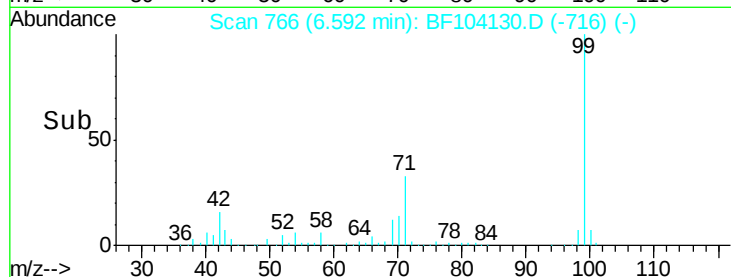
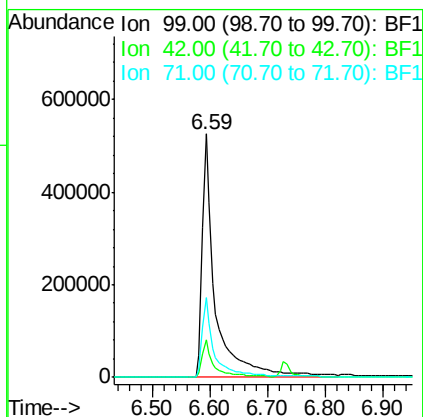
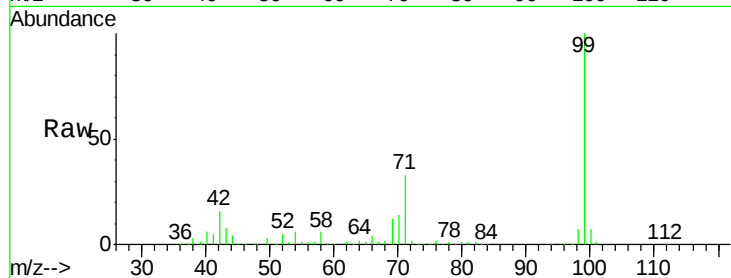
ClientSampleId :

S-3-COMP

Tot Ion:	99	Resp:	856480
Ion Ratio	Lower	Upper	
99	100		
42	15.5	14.5	21.7
71	33.0	25.4	38.0

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#21

Naphthalene-d8

Concen: 20.000 ng

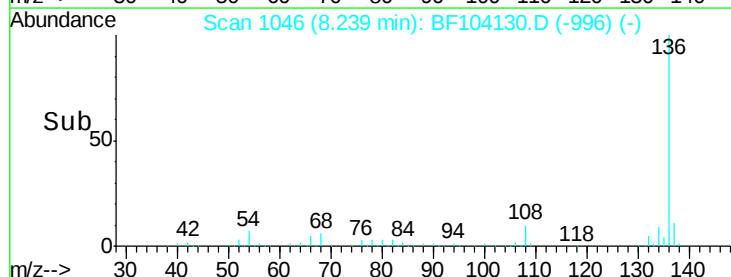
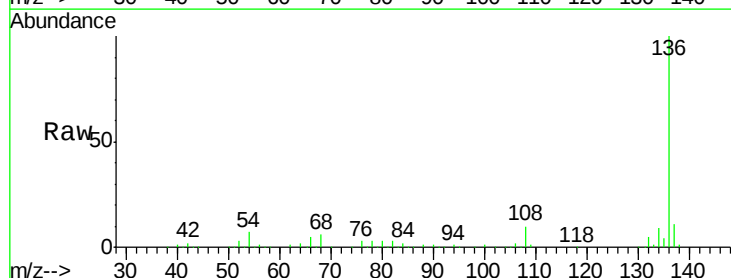
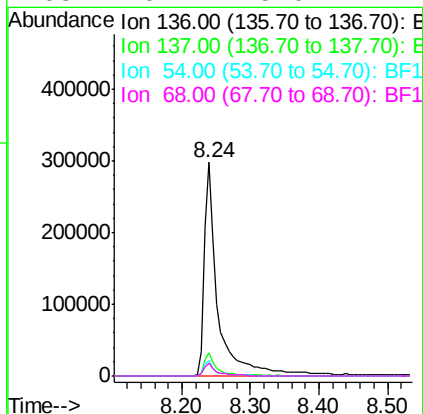
RT: 8.24 min Scan# 1046

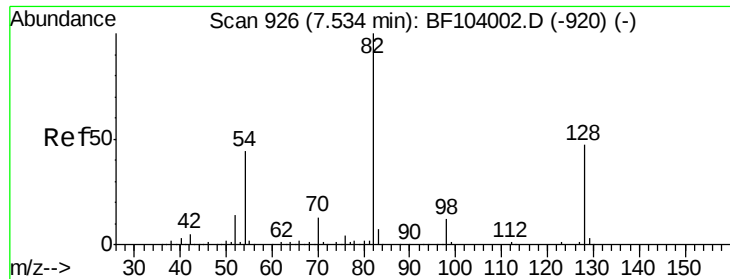
Delta R.T. -0.01 min

Lab File: BF104130.D

Acq: 2 Apr 2018 13:03

Tgt Ion:	136	Resp:	429269
Ion Ratio	Lower	Upper	
136	100		
137	11.1	8.9	13.3
54	7.2	6.6	9.8
68	6.1	5.0	7.4





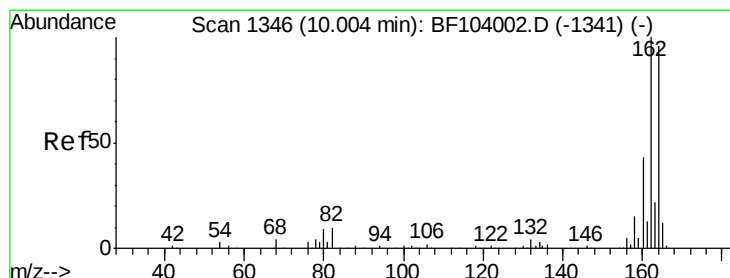
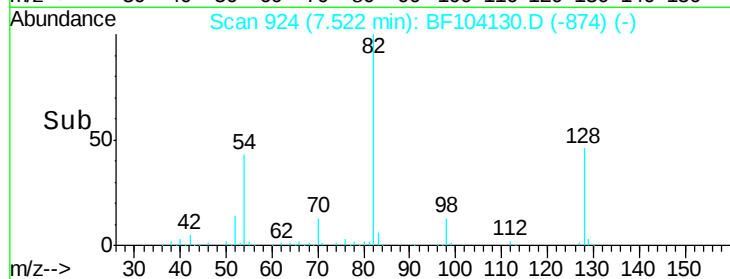
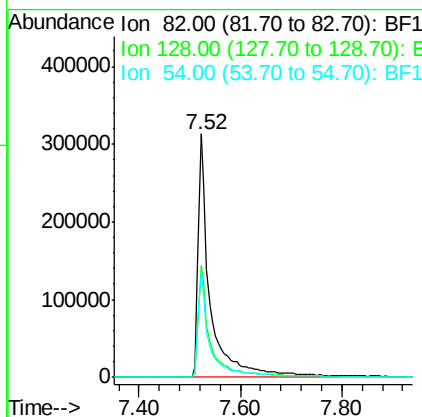
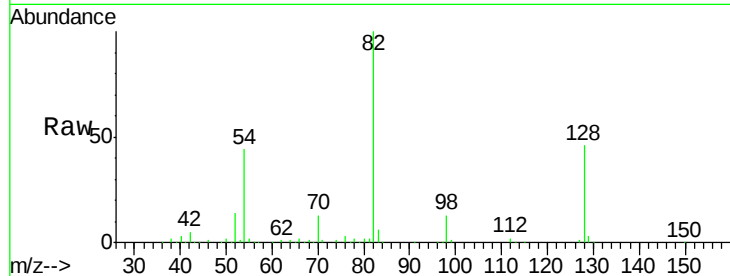
#23
Nitrobenzene-d5
Concen: 74.516 ng
RT: 7.52 min Scan# 924
Delta R.T. -0.01 min
Lab File: BF104130.D
Acq: 2 Apr 2018 13:03

Instrument :
BNA_F
ClientSampleId :
S-3-COMP

Tot Ion	Ratio	Lower	Upper
82	100		
128	46.0	36.1	54.1
54	43.5	41.4	62.2

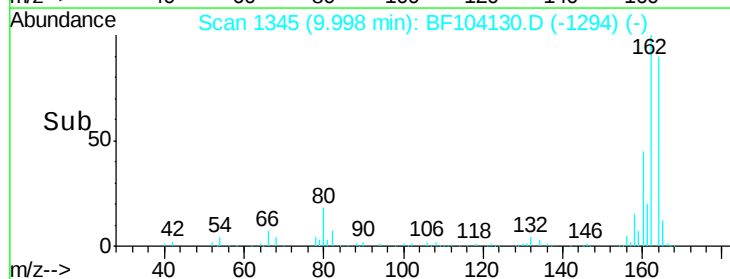
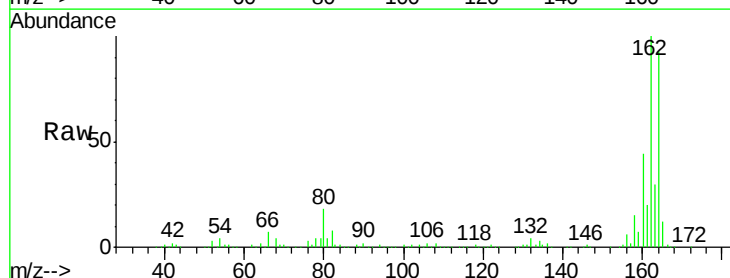
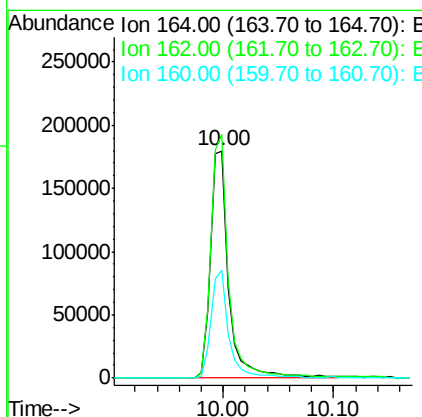
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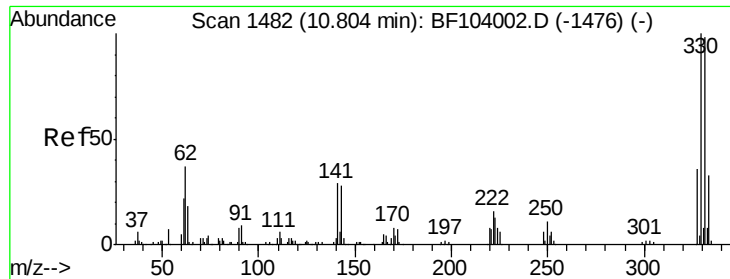
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.00 min Scan# 1345
Delta R.T. -0.00 min
Lab File: BF104130.D
Acq: 2 Apr 2018 13:03

Tgt Ion	Ratio	Lower	Upper
164	100		
162	107.0	86.1	129.1
160	47.4	38.3	57.5





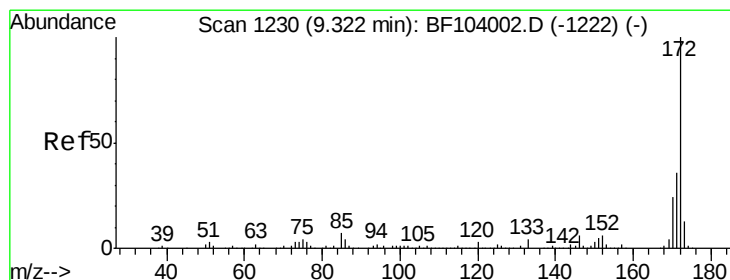
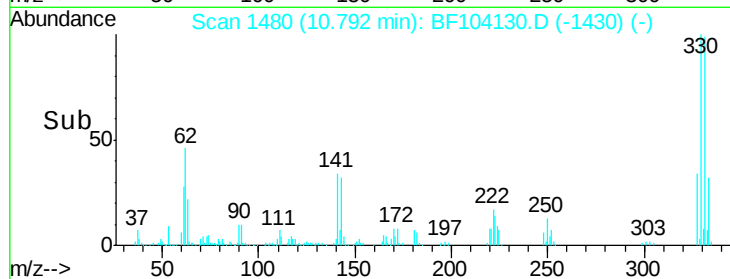
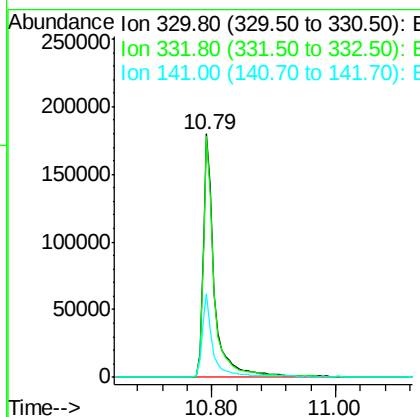
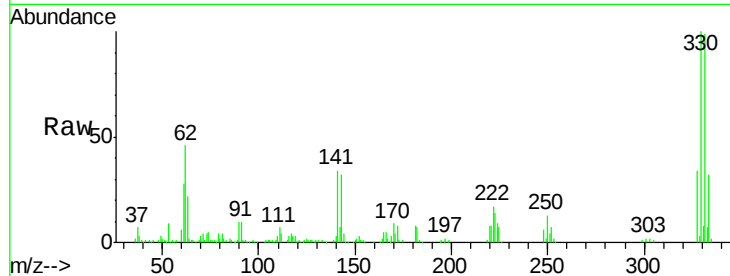
#41
 2,4,6-Tribromophenol
 Concen: 102.788 ng
 RT: 10.79 min Scan# 1480
 Delta R.T. -0.01 min
 Lab File: BF104130.D
 Acq: 2 Apr 2018 13:03

Instrument :
 BNA_F
 ClientSampleId :
 S-3-COMP

Tot Ion	Ratio	Resp	Lower	Upper
330	100	232718		
332	97.5	77.0	115.6	
141	32.5	29.9	44.9	

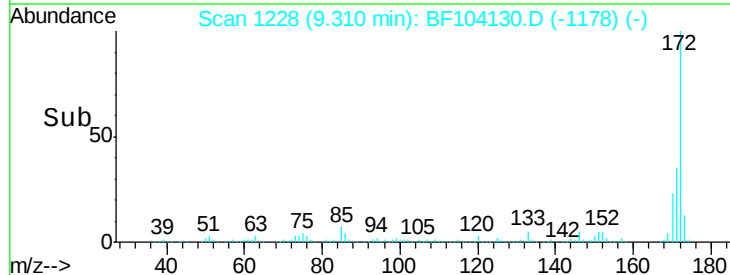
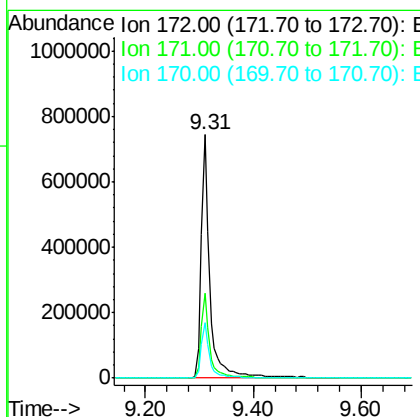
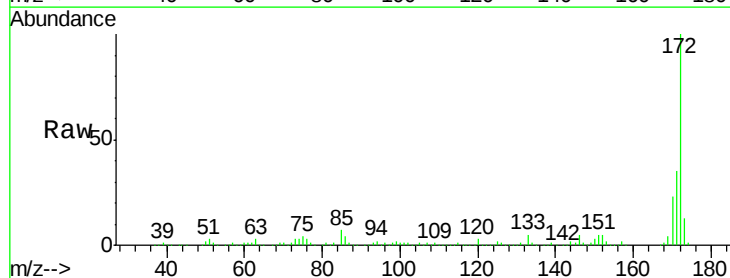
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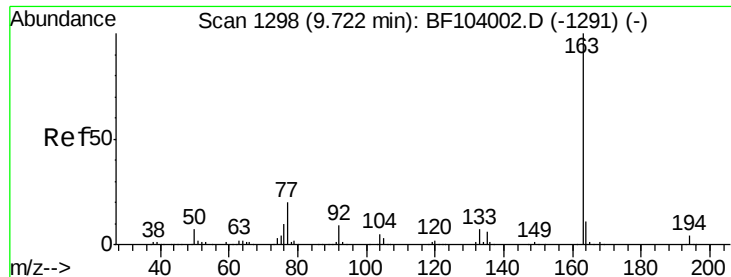
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#44
 2-Fluorobiphenyl
 Concen: 65.119 ng
 RT: 9.31 min Scan# 1228
 Delta R.T. -0.01 min
 Lab File: BF104130.D
 Acq: 2 Apr 2018 13:03

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	839641		
171	34.8	29.7	44.5	
170	23.0	19.6	29.4	





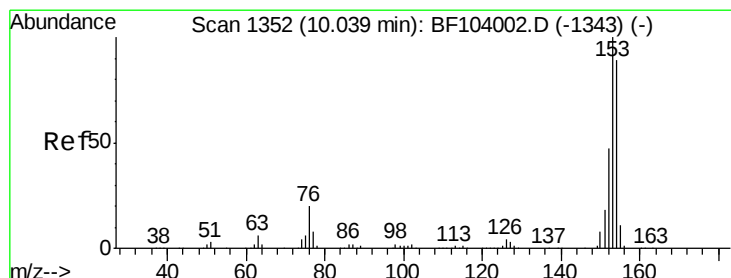
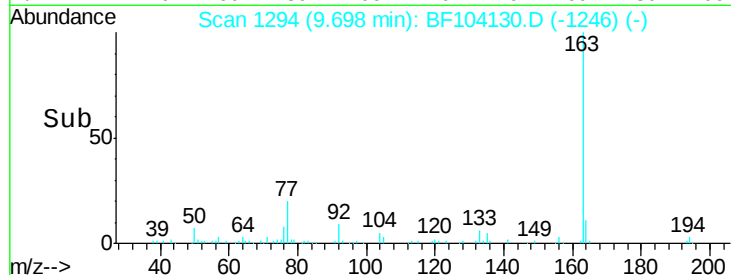
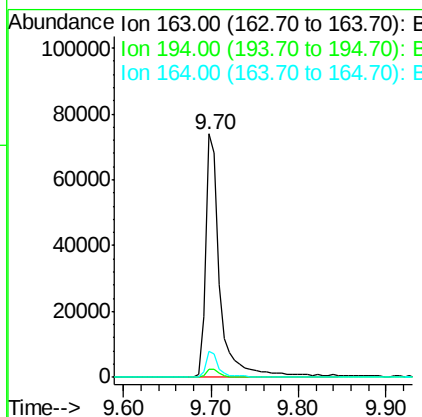
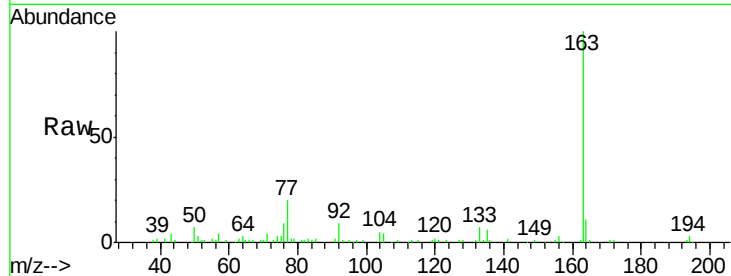
#49
Dimethylphthalate
Concen: 5.302 ng
RT: 9.70 min Scan# 1294
Delta R.T. -0.02 min
Lab File: BF104130.D
Acq: 2 Apr 2018 13:03

Instrument :
BNA_F
ClientSampleId :
S-3-COMP

Tot Ion:	163	Resp:	85118
Ion Ratio	Lower	Upper	
163	100		
194	3.4	2.7	4.1
164	10.6	8.2	12.2

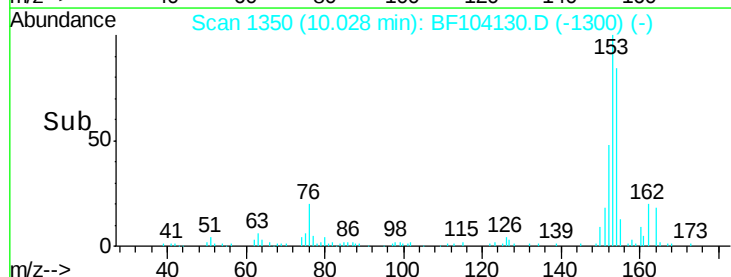
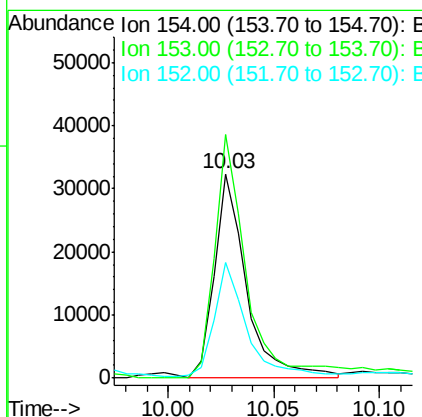
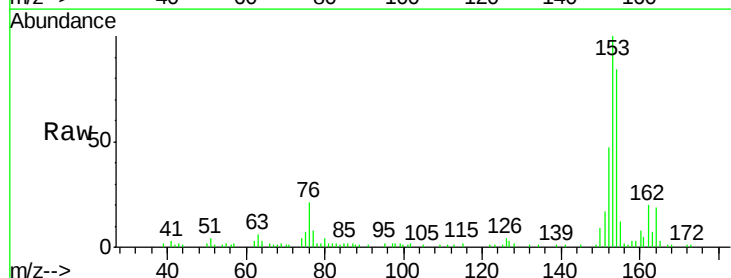
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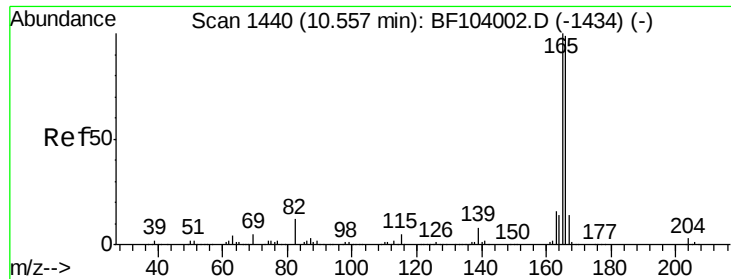
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#51
Acenaphthene
Concen: 2.841 ng
RT: 10.03 min Scan# 1350
Delta R.T. -0.01 min
Lab File: BF104130.D
Acq: 2 Apr 2018 13:03

Tgt Ion:	154	Resp:	34275
Ion Ratio	Lower	Upper	
154	100		
153	119.0	91.2	136.8
152	56.2	43.8	65.8





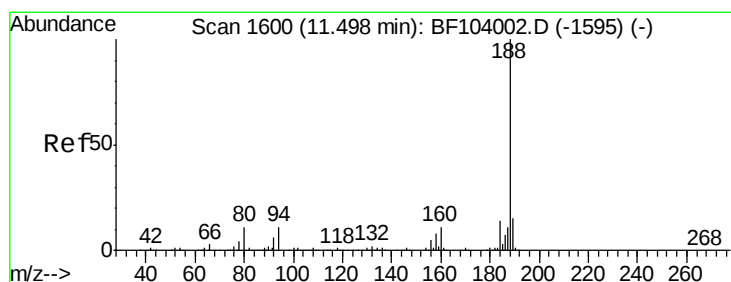
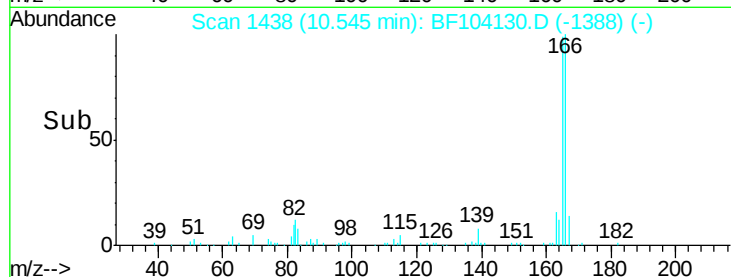
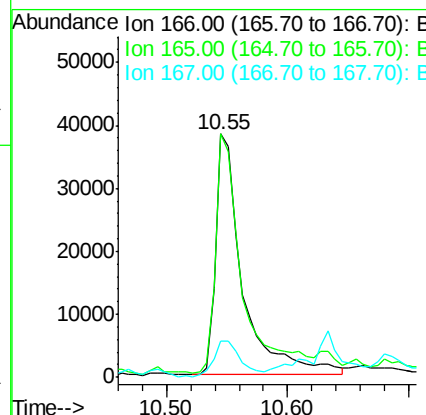
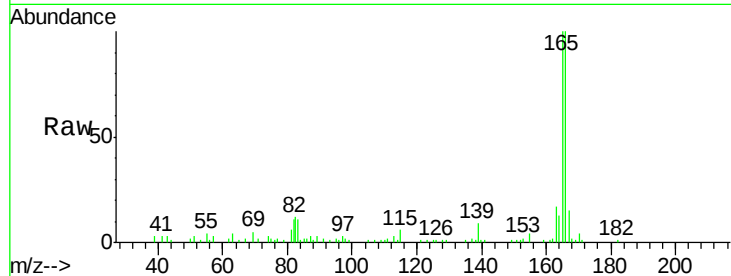
#57
Fluorene
 Concen: 4.015 ng
 RT: 10.55 min Scan# 1438
 Delta R.T. -0.01 min
 Lab File: BF104130.D
 Acq: 2 Apr 2018 13:03

Instrument :
 BNA_F
 ClientSampleId :
 S-3-COMP

Tot Ion	Ratio	Lower	Upper
166	100		
165	100.1	79.8	119.8
167	14.8	10.6	16.0

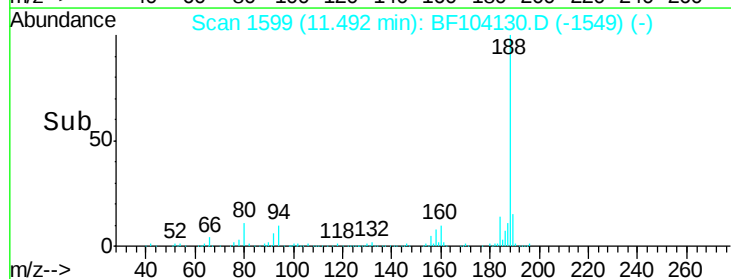
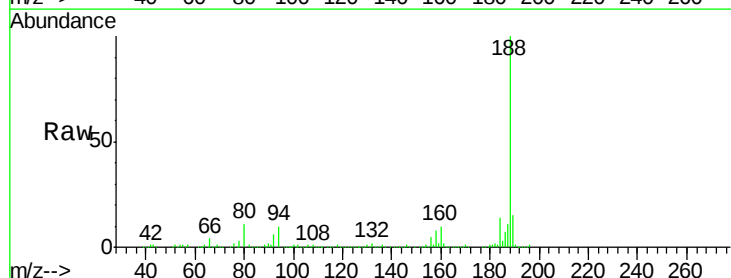
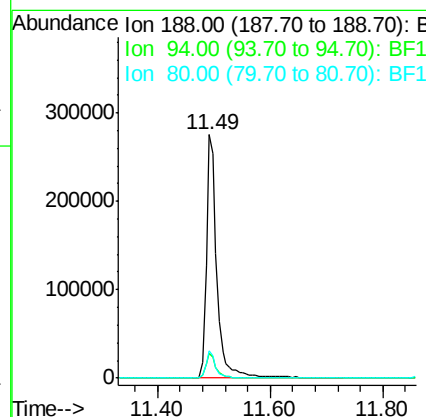
Manual Integrations
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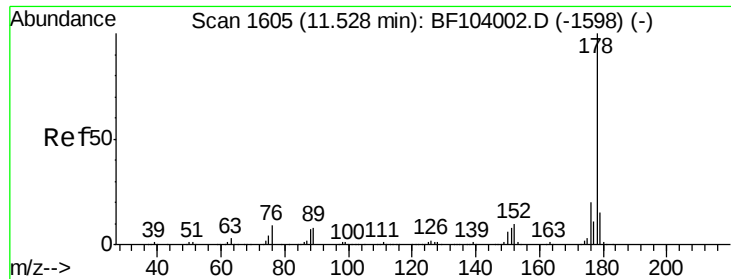
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#63
Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.49 min Scan# 1599
 Delta R.T. -0.01 min
 Lab File: BF104130.D
 Acq: 2 Apr 2018 13:03

Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.0	8.5	12.7
80	11.1	9.2	13.8





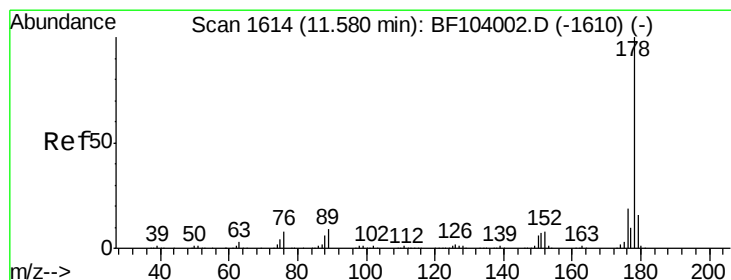
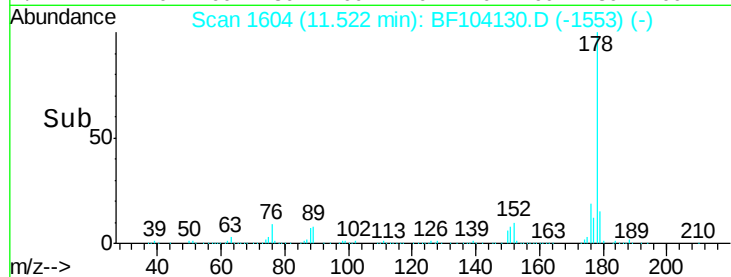
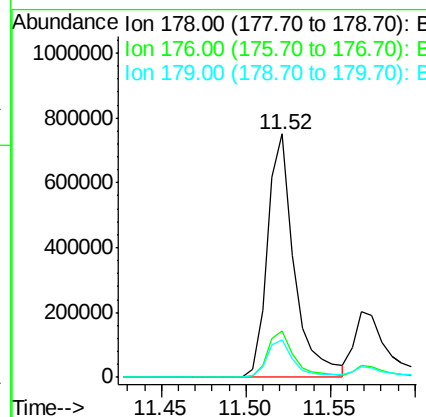
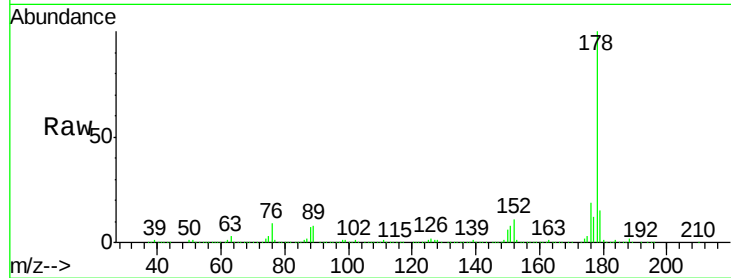
#70
Phenanthrene
Concen: 42.640 ng
RT: 11.52 min Scan# 1604
Delta R.T. -0.00 min
Lab File: BF104130.D
Acq: 2 Apr 2018 13:03

Instrument :
BNA_F
ClientSampleId :
S-3-COMP

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.8	23.8
179	15.3	13.0	19.6

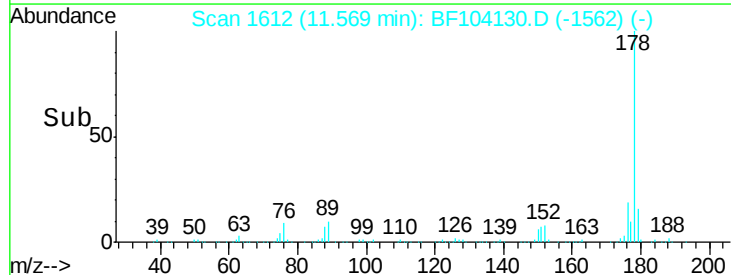
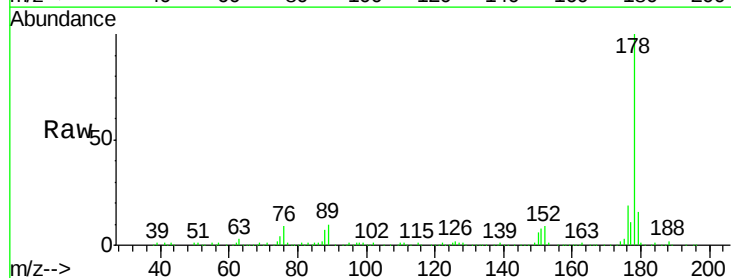
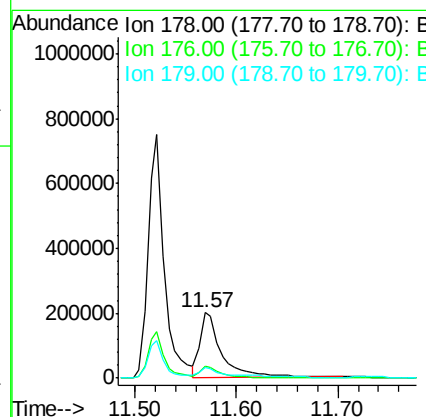
Manual Integrations
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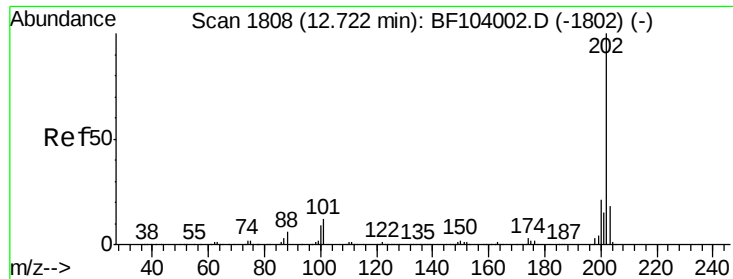
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#71
Anthracene
Concen: 14.658 ng
RT: 11.57 min Scan# 1612
Delta R.T. -0.01 min
Lab File: BF104130.D
Acq: 2 Apr 2018 13:03

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.4	23.2
179	16.0	12.6	19.0





#74

Fluoranthene

Concen: 53.971 ng

RT: 12.72 min Scan# 1807

Delta R.T. -0.00 min

Lab File: BF104130.D

Acq: 2 Apr 2018 13:03

Instrument :

BNA_F

ClientSampleId :

S-3-COMP

Tot Ion:202 Resp: 1113342

Ion Ratio Lower Upper

202 100

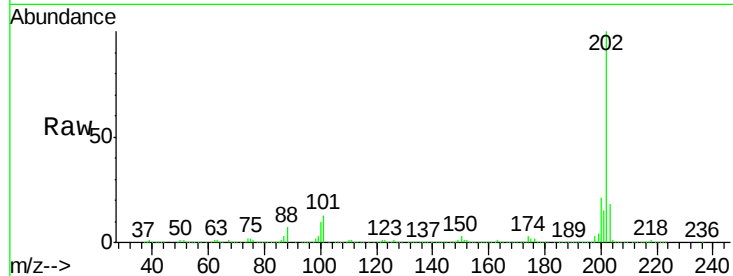
101 13.2 0.0 34.1

203 18.1 0.0 38.1

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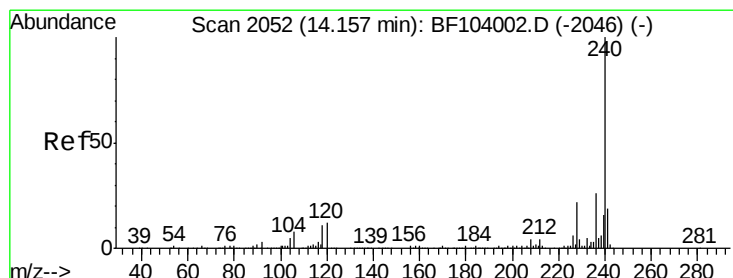
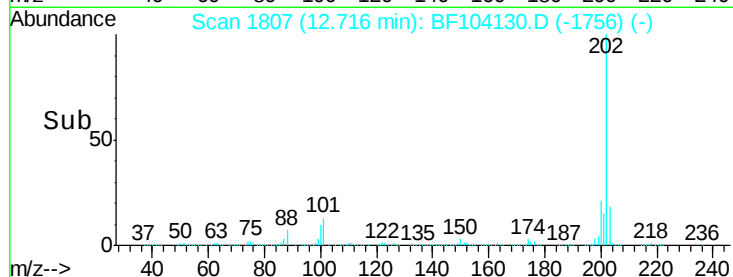
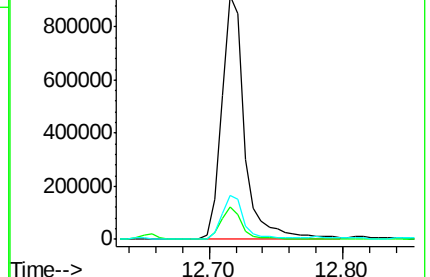
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Abundance Ion 202.00 (201.70 to 202.70): E

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: 14.15 min Scan# 2051

Delta R.T. -0.00 min

Lab File: BF104130.D

Acq: 2 Apr 2018 13:03

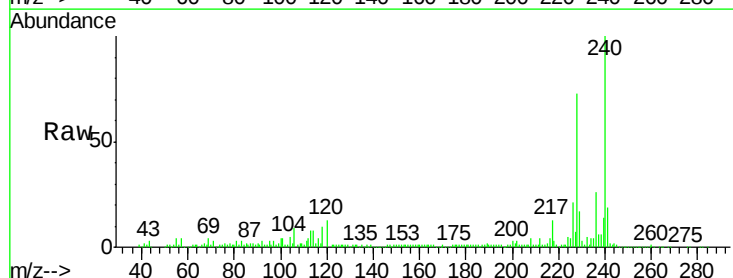
Tgt Ion:240 Resp: 219852

Ion Ratio Lower Upper

240 100

120 12.6 9.5 14.3

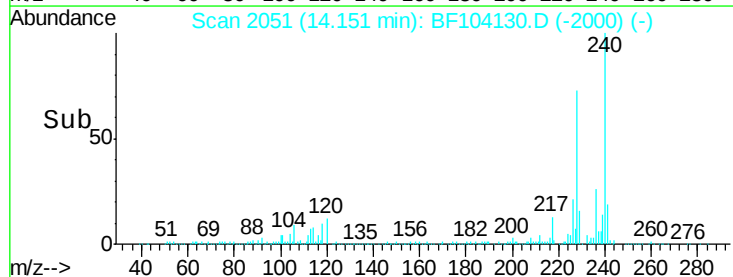
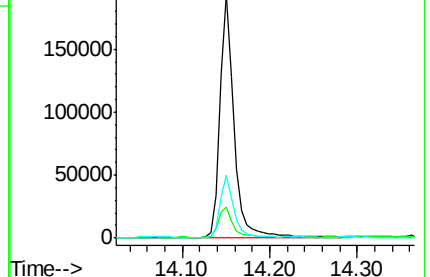
236 25.9 20.7 31.1

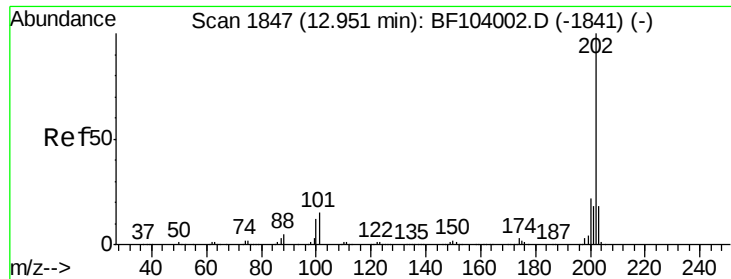


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Pvrene

Concen: 59.166 ng

RT: 12.95 min Scan# 1847

Delta R.T. 0.01 min

Lab File: BF104130.D

Acq: 2 Apr 2018 13:03

Instrument :

BNA_F

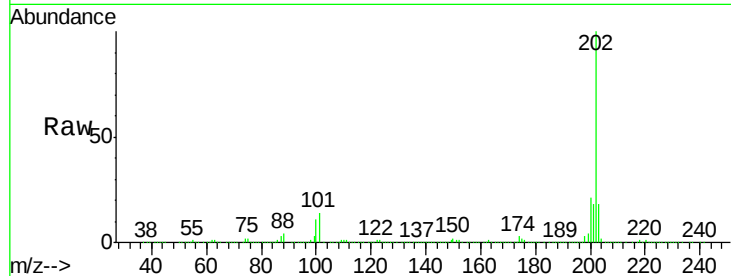
ClientSampled :

S-3-COMP

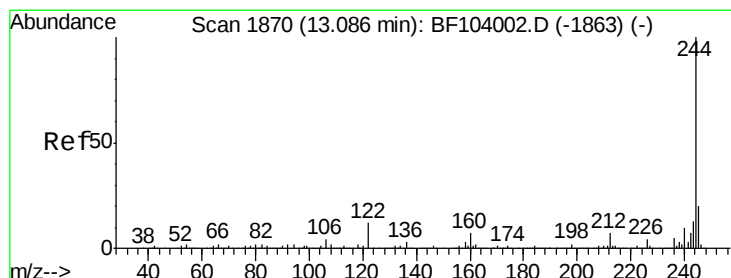
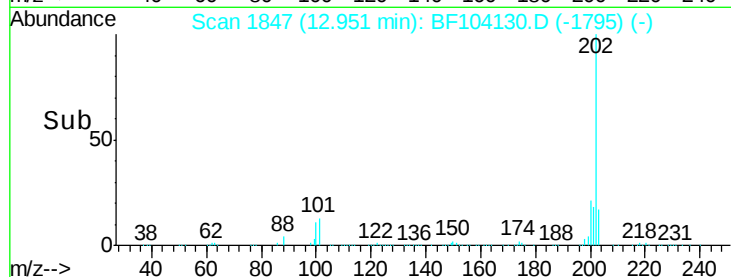
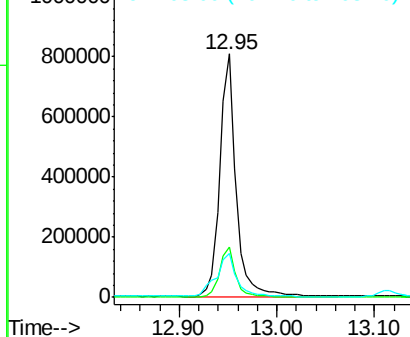
Tot Ion:	202	Resp:	935070
Ion Ratio		Lower	Upper
202	100		
200	20.9	17.4	26.2
203	17.8	14.3	21.5

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Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 76.557 ng

RT: 13.08 min Scan# 1869

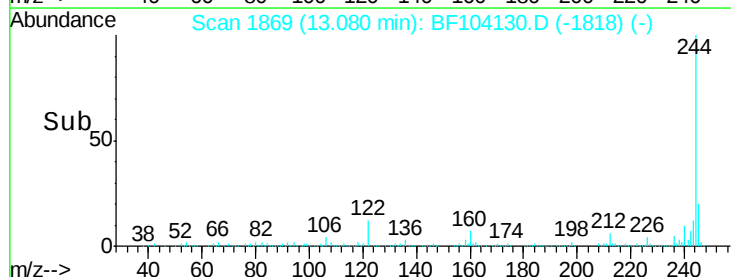
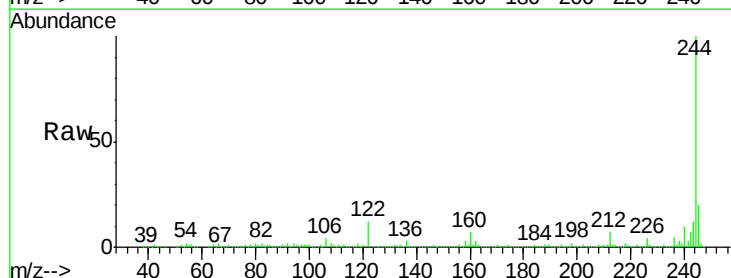
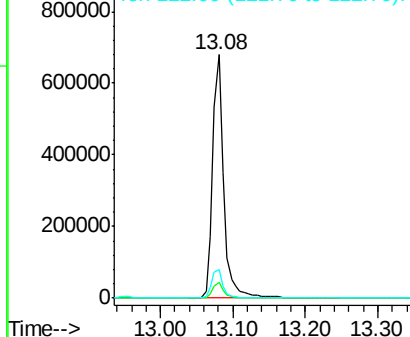
Delta R.T. -0.00 min

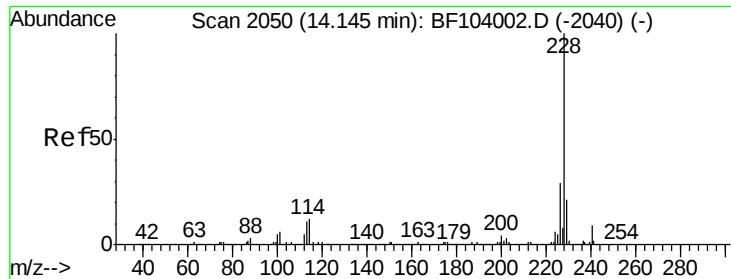
Lab File: BF104130.D

Acq: 2 Apr 2018 13:03

Tgt Ion:	244	Resp:	728952
Ion Ratio		Lower	Upper
244	100		
212	6.5	5.4	8.0
122	11.9	11.0	16.4

Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E





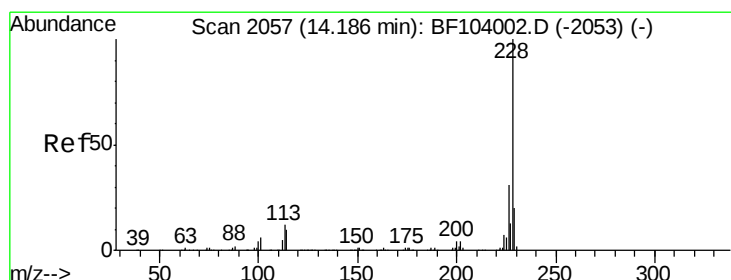
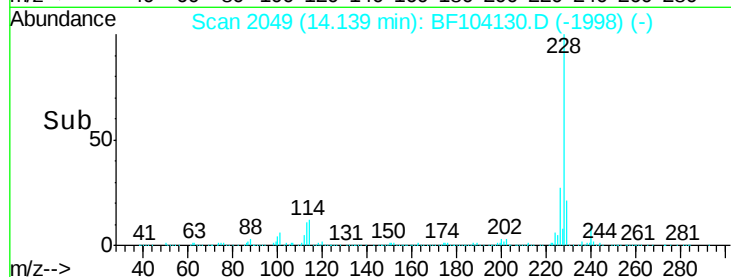
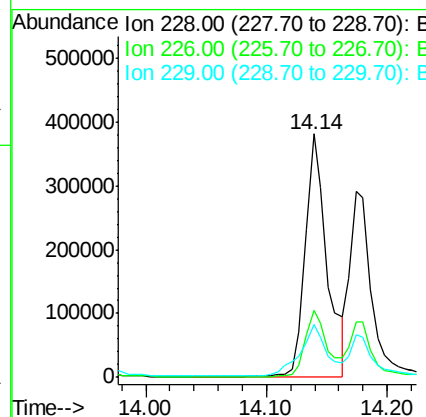
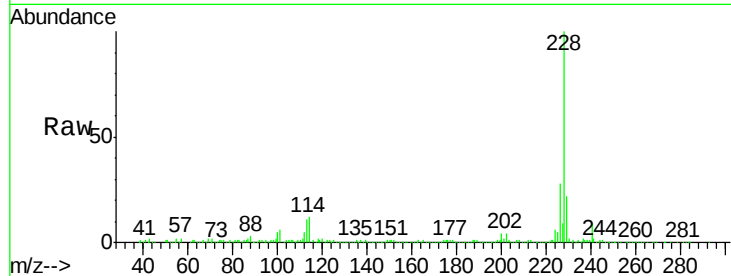
#80
Benzo(a)anthracene
Concen: 34.342 ng
RT: 14.14 min Scan# 2049
Delta R.T. -0.00 min
Lab File: BF104130.D
Acq: 2 Apr 2018 13:03

Instrument :
BNA_F
ClientSampleId :
S-3-COMP

Tot Ion	Ratio	Lower	Upper
228	100		
226	27.7	22.6	33.8
229	21.8	15.8	23.6

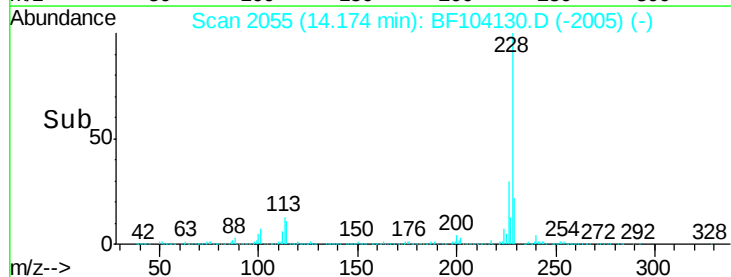
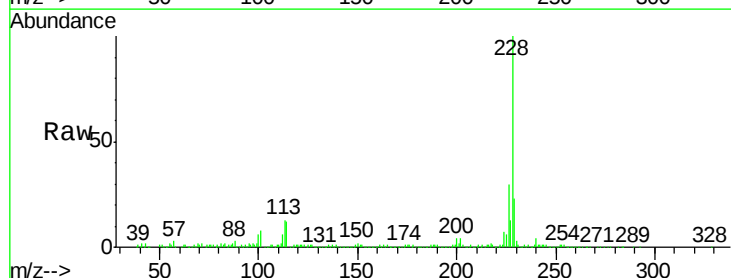
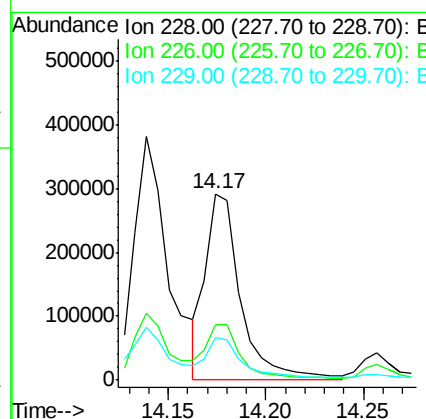
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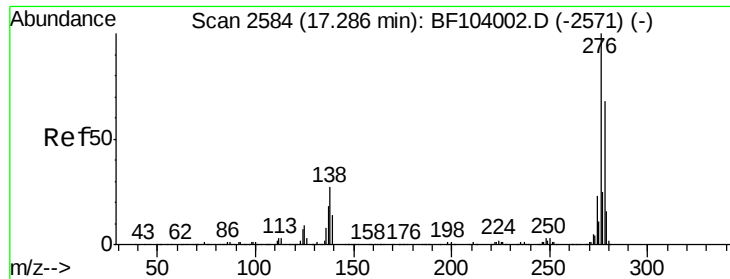
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#82
Chrysene
Concen: 26.852 ng
RT: 14.17 min Scan# 2055
Delta R.T. -0.01 min
Lab File: BF104130.D
Acq: 2 Apr 2018 13:03

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.1	25.0	37.6
229	22.8	16.2	24.4





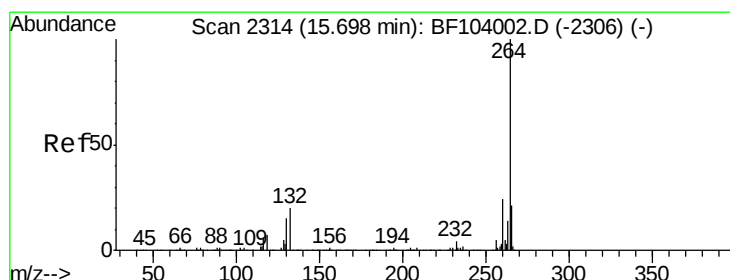
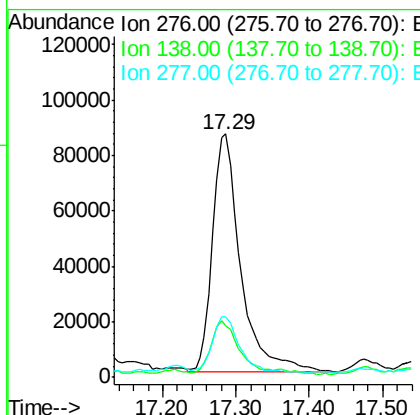
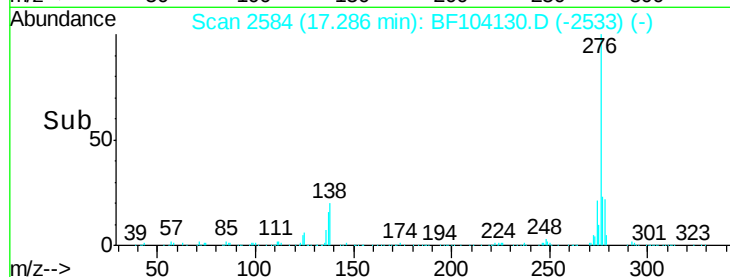
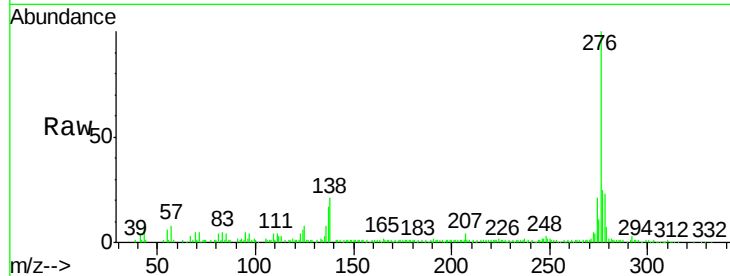
#85
Indeno(1,2,3-cd)pyrene
Concen: 16.455 ng/ml
RT: 17.29 min Scan# 2584
Delta R.T. -0.00 min
Lab File: BF104130.D
Acq: 2 Apr 2018 13:03

Instrument :
BNA_F
ClientSampleId :
S-3-COMP

Tot Ion	Ratio	Lower	Upper
276	100		
138	4.8	25.0	37.6#
277	3.8	20.1	30.1#

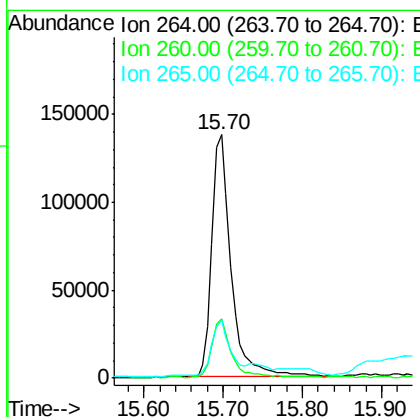
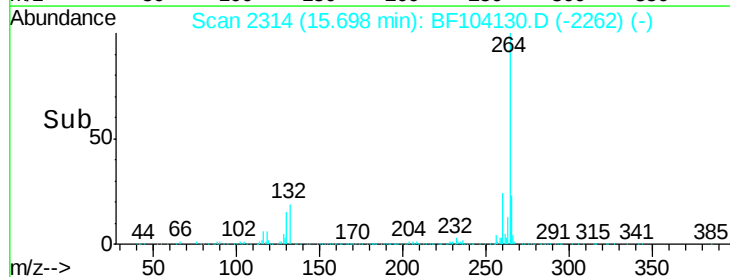
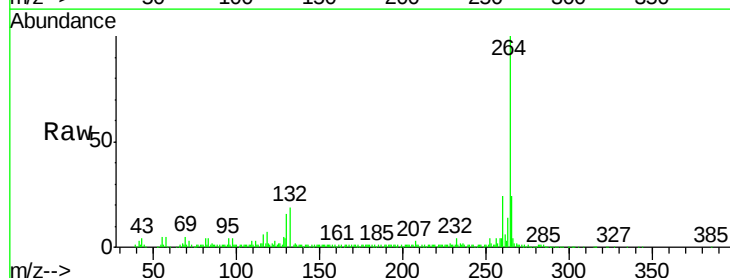
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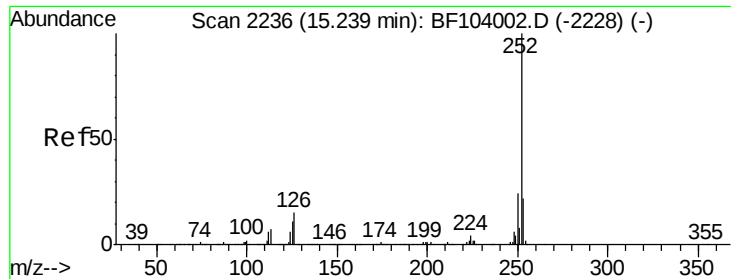
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#86
Perylene-d12
Concen: 20.000 ng
RT: 15.70 min Scan# 2314
Delta R.T. 0.01 min
Lab File: BF104130.D
Acq: 2 Apr 2018 13:03

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.2	28.8
265	23.6	17.5	26.3





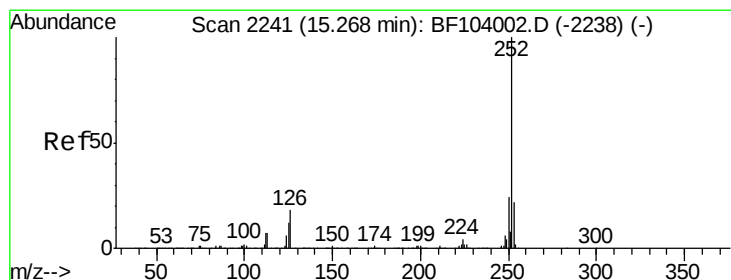
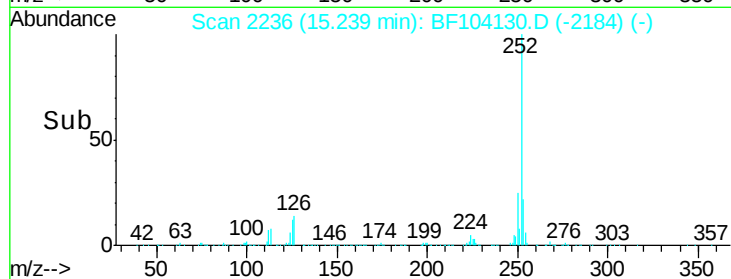
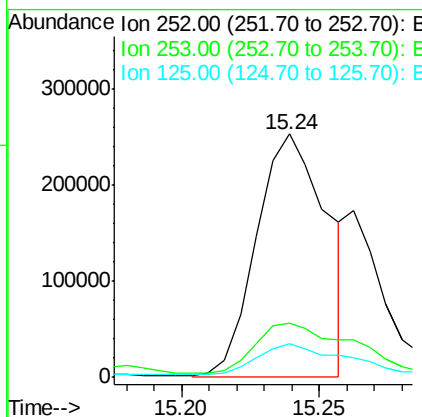
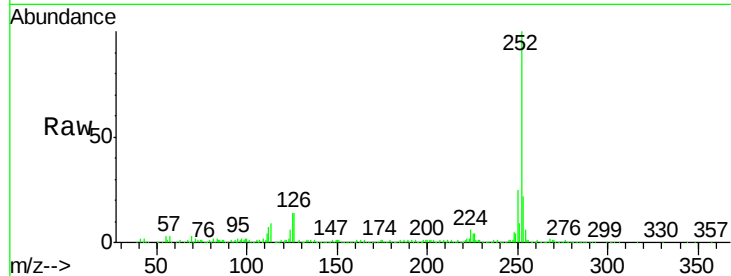
#87
Benzo(b)fluoranthene
Concen: 31.521 ng m
RT: 15.24 min Scan# 2236
Delta R.T. 0.01 min
Lab File: BF104130.D
Acq: 2 Apr 2018 13:03

Instrument :
BNA_F
ClientSampleId :
S-3-COMP

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.0	25.6
125	13.7	9.0	13.6

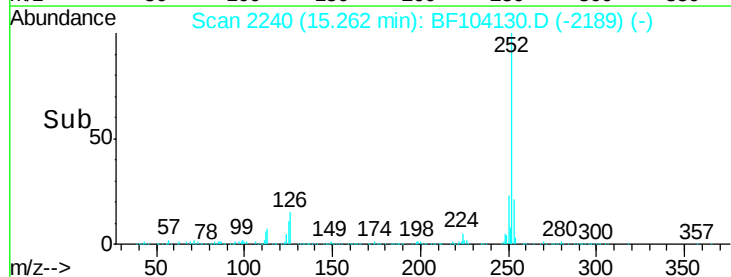
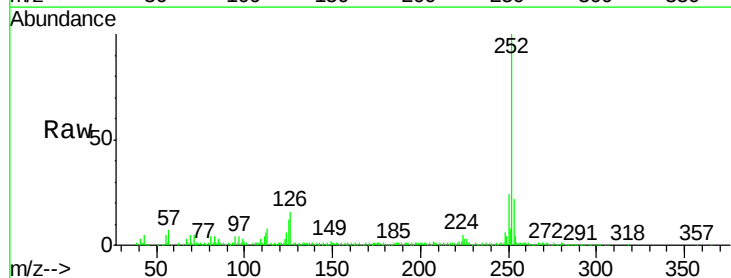
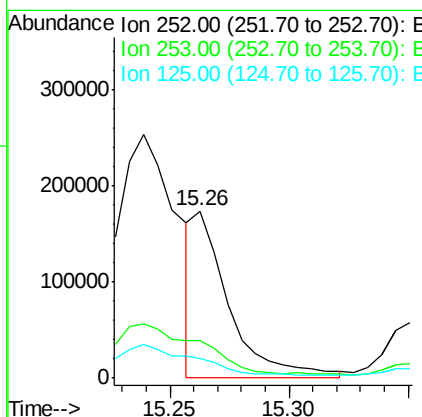
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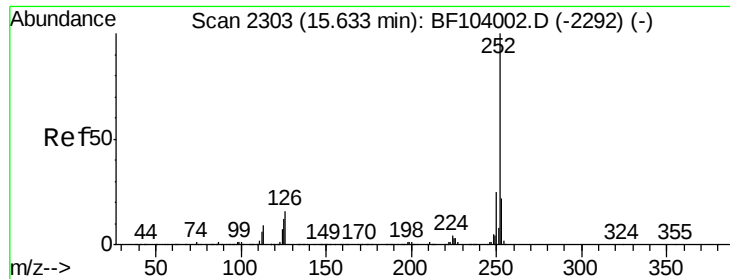
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#88
Benzo(k)fluoranthene
Concen: 13.467 ng m
RT: 15.26 min Scan# 2240
Delta R.T. -0.00 min
Lab File: BF104130.D
Acq: 2 Apr 2018 13:03

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.9	26.9
125	12.0	10.2	15.2





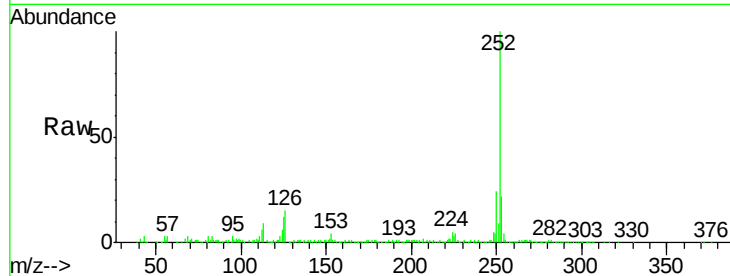
#89
Benzo(a)pyrene
Concen: 27.875 ng
RT: 15.63 min Scan# 2303
Delta R.T. 0.01 min
Lab File: BF104130.D
Acq: 2 Apr 2018 13:03

Instrument :
BNA_F
ClientSampleId :
S-3-COMP

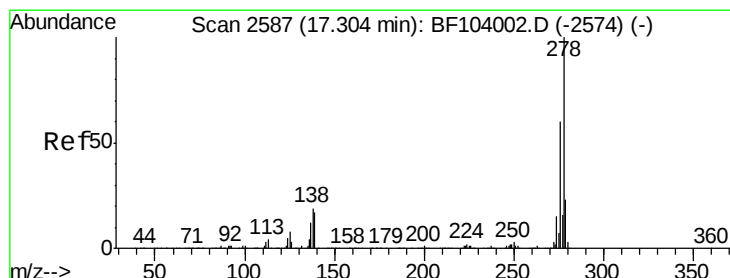
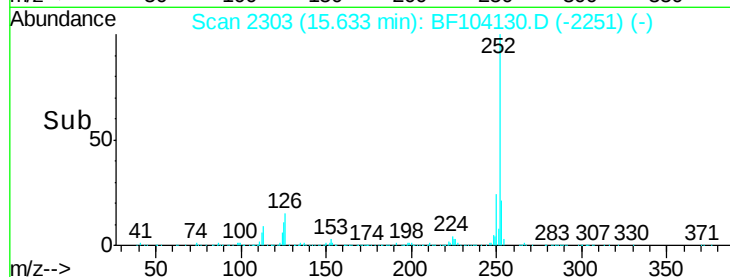
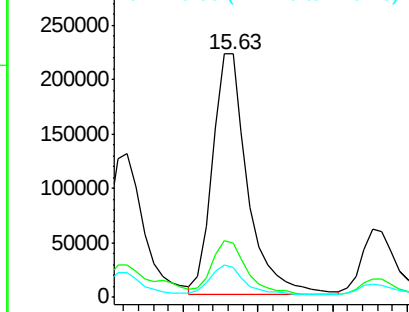
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.1	25.7
125	12.1	9.8	14.6

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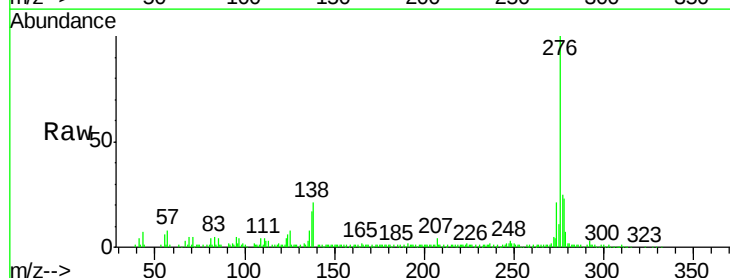


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

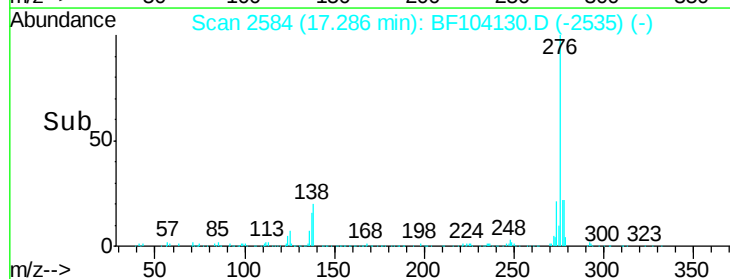
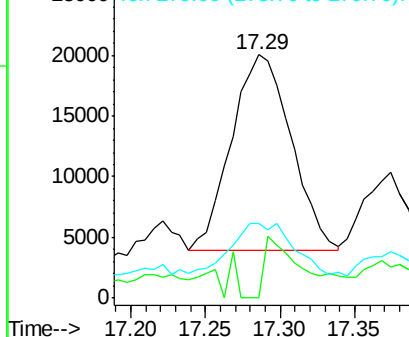


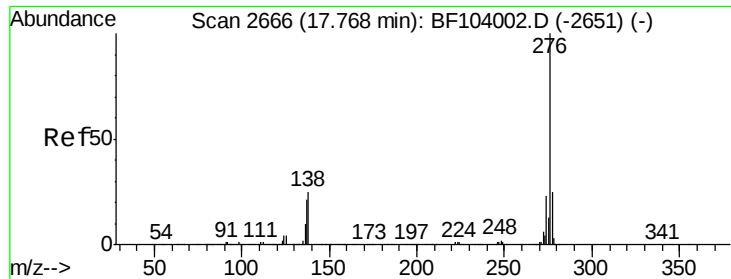
#90
Dibenzo(a,h)anthracene
Concen: 3.679 ng
RT: 17.29 min Scan# 2584
Delta R.T. -0.01 min
Lab File: BF104130.D
Acq: 2 Apr 2018 13:03

Tgt Ion	Ratio	Lower	Upper
278	100		
139	0.0	15.9	23.9#
279	30.5	19.0	28.4#



Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E





#91
 Benzo(a,h,i)perylene
 Concen: 17.101 ng
 RT: 17.77 min Scan# 2666
 Delta R.T. -0.00 min
 Lab File: BF104130.D
 Acq: 2 Apr 2018 13:03

Instrument :
 BNA_F
 ClientSampleId :
 S-3-COMP

Tot Ion:	276	Resp:	209005
Ion Ratio	Lower	Upper	
276	100		
277	24.3	17.9	26.9
138	22.9	21.8	32.8

Manual Integrations
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