

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF040218\
 Data File : BF104145.D
 Acq On : 2 Apr 2018 19:37
 Operator : JU/SJ
 Sample : J2099-05
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-105(2-3)

Manual Integrations
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Quant Time: Apr 03 01:41:18 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	110496	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	464512	20.00	ng	0.00
38) Acenaphthene-d10	10.00	164	199938	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	273334	20.00	ng	0.00
75) Chrysene-d12	14.16	240	225538	20.00	ng	0.00
86) Perylene-d12	15.69	264	230902	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	664498	95.90	ng	0.00
7) Phenol-d6	6.60	99	835915	98.06	ng	0.00
23) Nitrobenzene-d5	7.52	82	515809	67.91	ng	0.00
41) 2,4,6-Tribromophenol	10.80	330	184871	83.04	ng	0.00
44) 2-Fluorobiphenyl	9.31	172	993708	78.37	ng	0.00
78) Terphenyl-d14	13.09	244	612320	62.69	ng	0.00
Target Compounds						
31) Naphthalene	8.26	128	58455	2.576	ng	96
48) Acenaphthylene	9.86	152	87253	4.255	ng	97
49) Dimethylphthalate	9.70	163	75025	4.753	ng	# 99
51) Acenaphthene	10.03	154	95983	8.091	ng	97
70) Phenanthrene	11.52	178	243667	16.466	ng	99
71) Anthracene	11.57	178	59377m	3.841	ng	
74) Fluoranthene	12.72	202	180822	11.495	ng	97
77) Pyrene	12.95	202	208091	12.835	ng	98
80) Benzo(a)anthracene	14.14	228	111179	7.878	ng	# 86
82) Chrysene	14.18	228	90488	6.547	ng	96
85) Indeno(1,2,3-cd)pyrene	17.29	276	43640	3.047	ng	# 86
87) Benzo(b)fluoranthene	15.23	252	100891m	7.180	ng	
88) Benzo(k)fluoranthene	15.25	252	48150m	3.637	ng	
89) Benzo(a)pyrene	15.63	252	91635	7.037	ng	# 93
91) Benzo(a,h,i)perylene	17.76	276	46160	3.828	ng	# 92

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

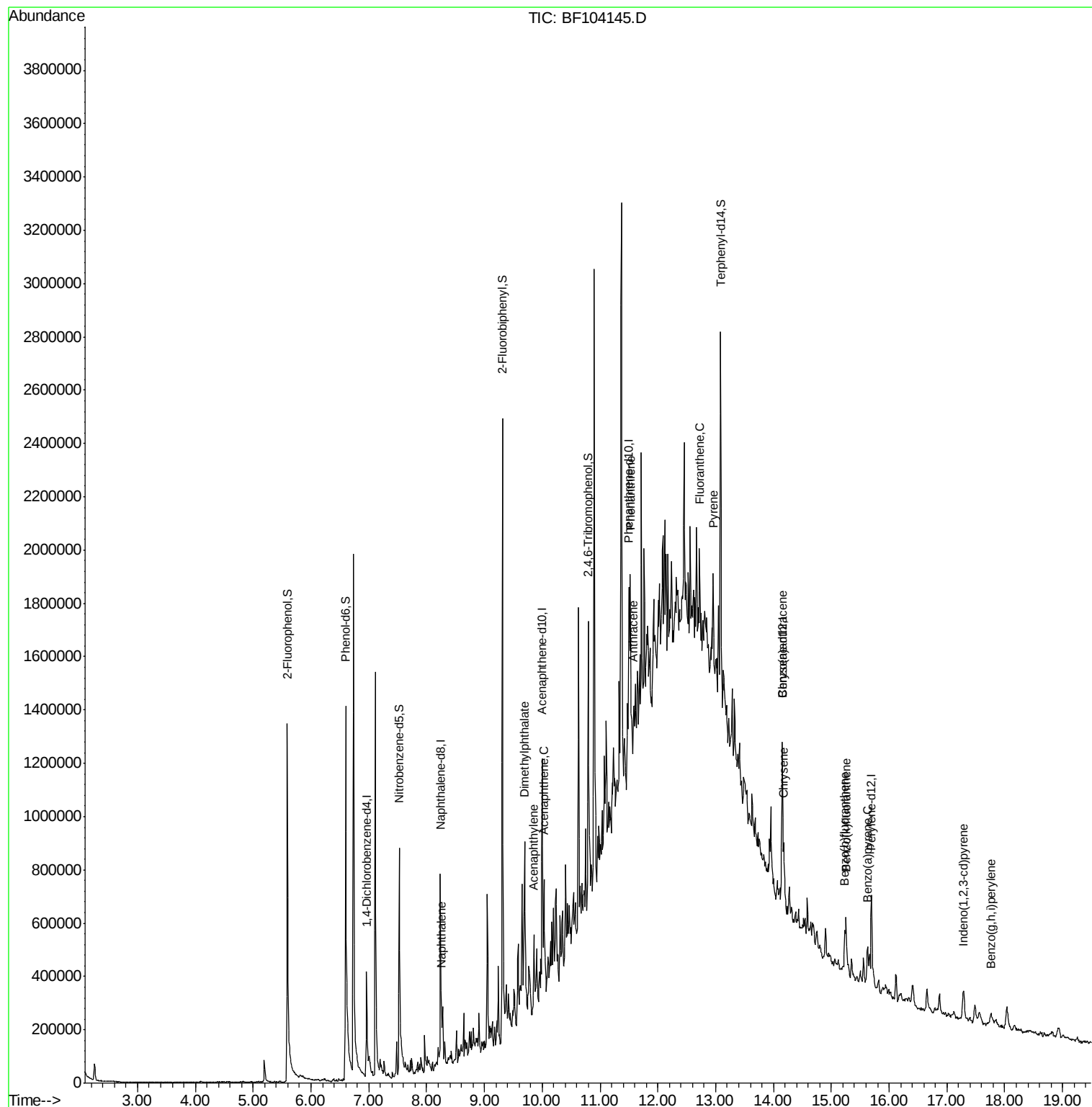
Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF040218\
Data File : BF104145.D
Acq On : 2 Apr 2018 19:37
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Instrument :
BNA_F
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SB-105(2-3)

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#1

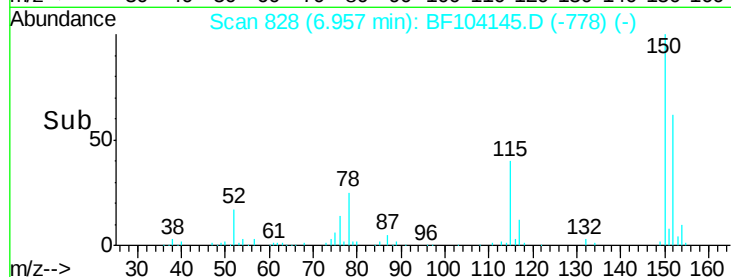
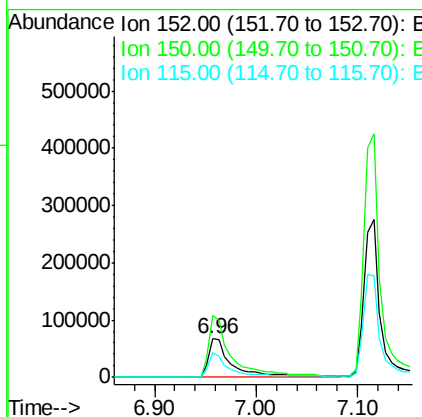
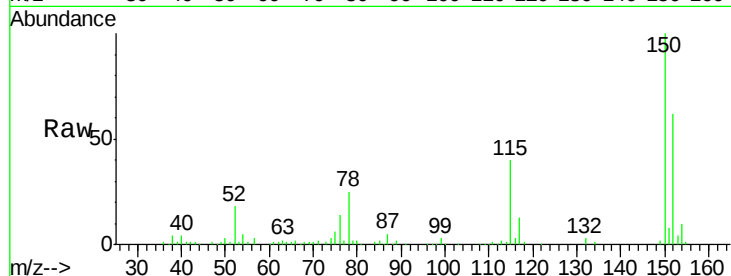
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.96 min Scan# 828
 Delta R.T. -0.01 min
 Lab File: BF104145.D
 Acq: 2 Apr 2018 19:37

Instrument :
 BNA_F
 ClientSampled :
 SB-105(2-3)

Tot Ion	Ratio	Lower	Upper
152	100		
150	161.2	124.6	186.8
115	63.9	50.1	75.1

Manual Integrations
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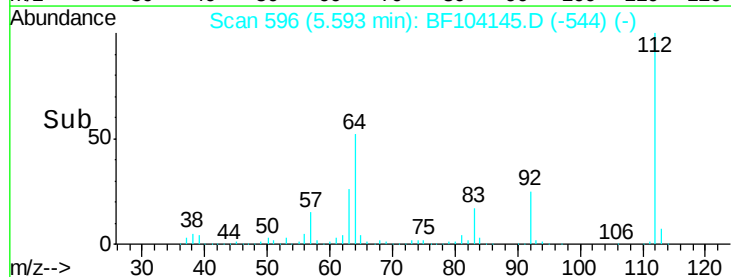
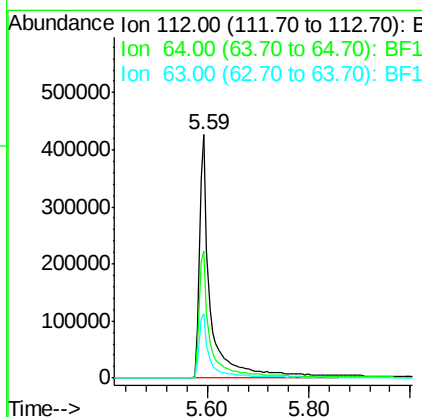
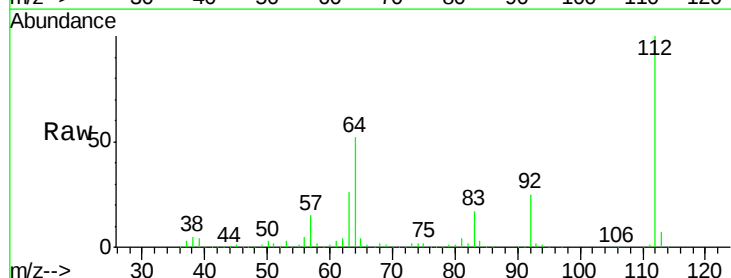
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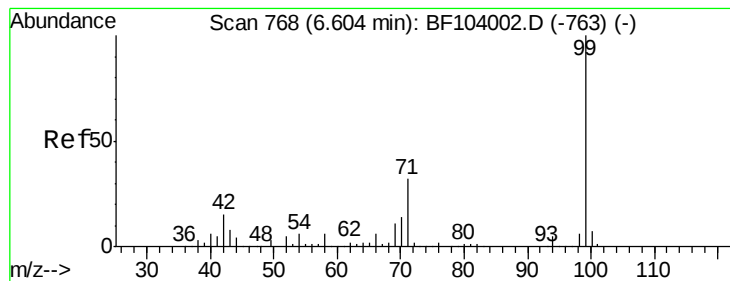


#5

2-Fluorophenol
 Concen: 95.905 ng
 RT: 5.59 min Scan# 596
 Delta R.T. 0.01 min
 Lab File: BF104145.D
 Acq: 2 Apr 2018 19:37

Tgt Ion	Ratio	Lower	Upper
112	100		
64	52.4	47.9	71.9
63	26.3	23.7	35.5





#7

Phenol-d6

Concen: 98.061 ng

RT: 6.60 min Scan# 767

Delta R.T. -0.00 min

Lab File: BF104145.D

Acq: 2 Apr 2018 19:37

Instrument :

BNA_F

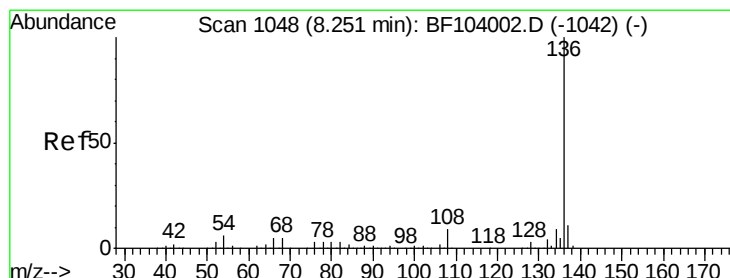
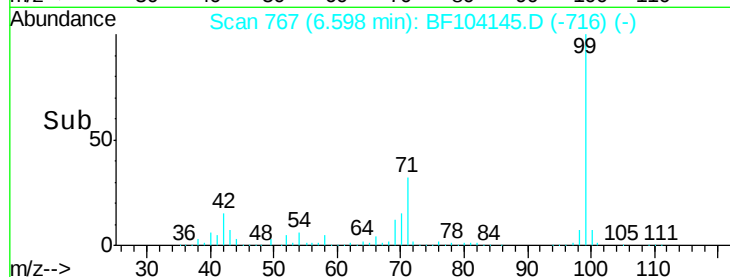
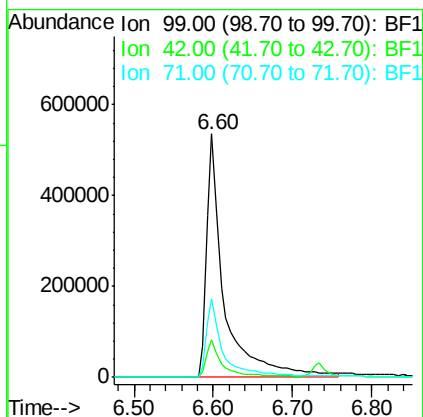
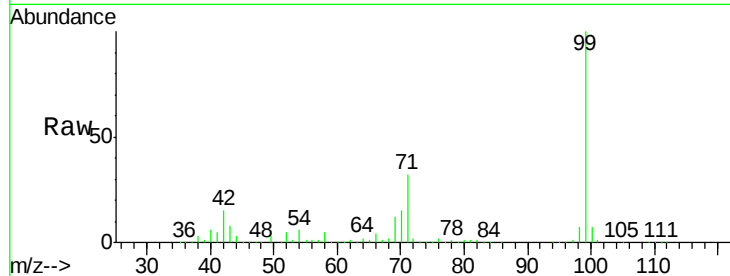
ClientSampleId :

SB-105(2-3)

Tot Ion:	99	Resp:	835915
Ion Ratio	Lower	Upper	
99	100		
42	15.2	14.5	21.7
71	32.4	25.4	38.0

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#21

Naphthalene-d8

Concen: 20.000 ng

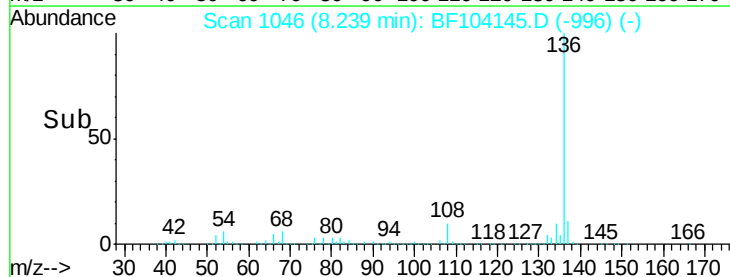
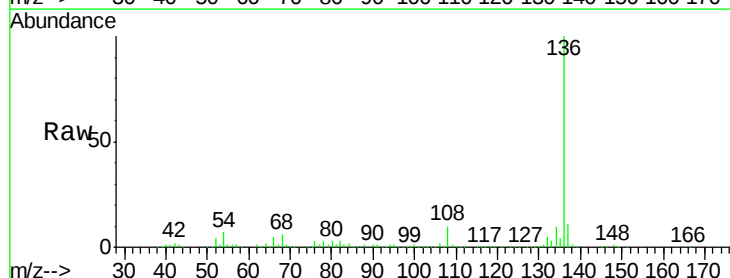
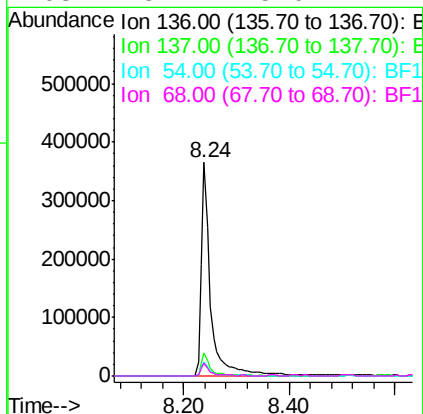
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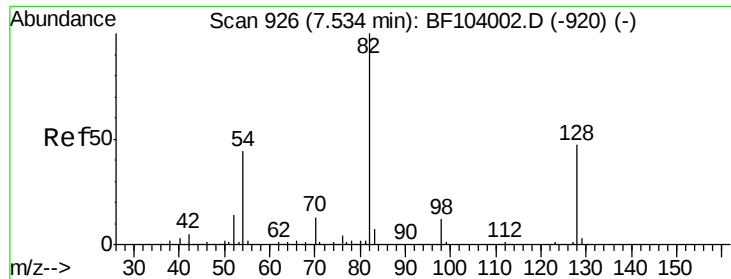
Delta R.T. -0.01 min

Lab File: BF104145.D

Acq: 2 Apr 2018 19:37

Tgt Ion:	136	Resp:	464512
Ion Ratio	Lower	Upper	
136	100		
137	10.9	8.9	13.3
54	6.5	6.6	9.8
68	5.7	5.0	7.4





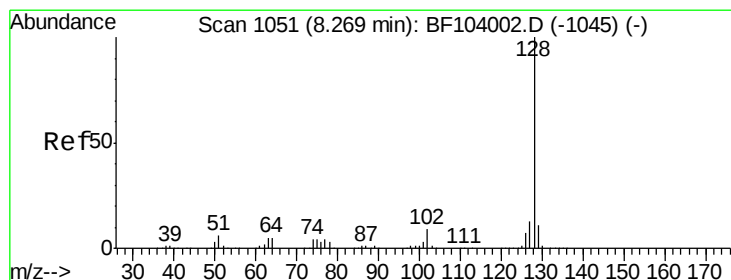
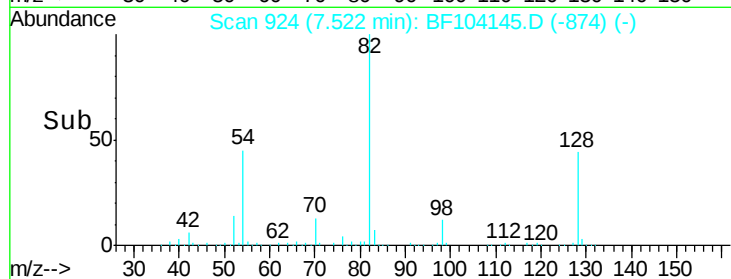
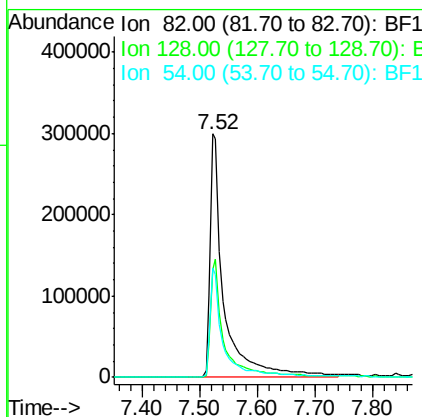
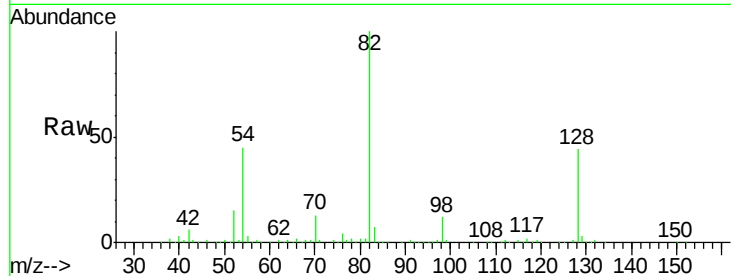
#23
 Nitrobenzene-d5
 Concen: 67.909 ng
 RT: 7.52 min Scan# 924
 Delta R.T. -0.01 min
 Lab File: BF104145.D
 Acq: 2 Apr 2018 19:37

Instrument :
 BNA_F
 ClientSampleId :
 SB-105(2-3)

Tot Ion:	82	Resp:	515809
Ion	Ratio	Lower	Upper
82	100		
128	44.3	36.1	54.1
54	45.0	41.4	62.2

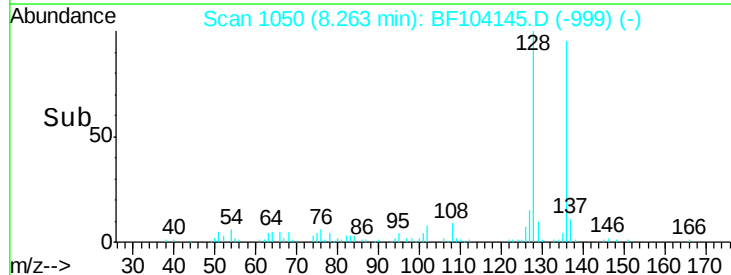
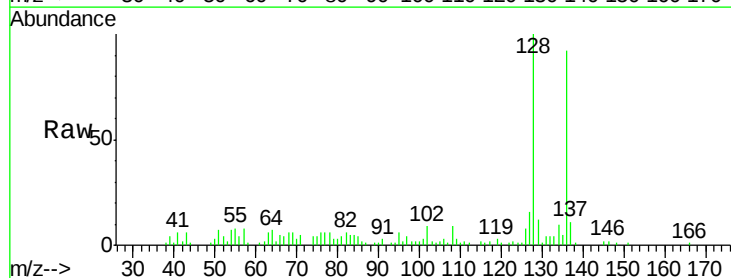
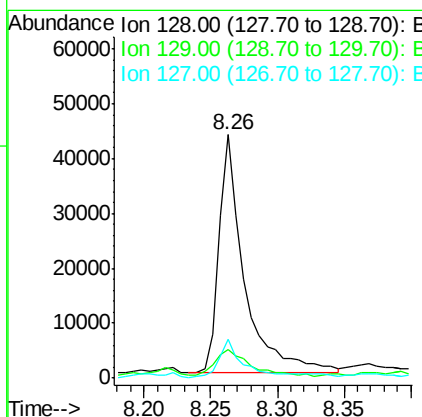
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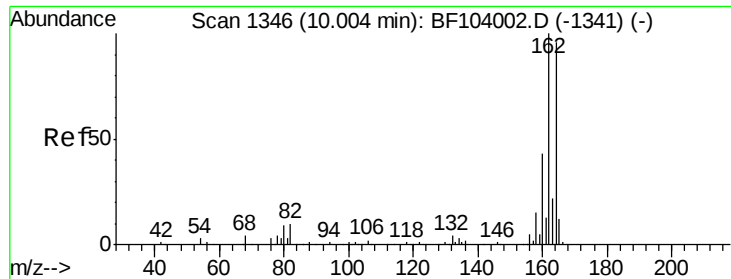
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#31
 Naphthalene
 Concen: 2.576 ng
 RT: 8.26 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: BF104145.D
 Acq: 2 Apr 2018 19:37

Tgt Ion:	128	Resp:	58455
Ion	Ratio	Lower	Upper
128	100		
129	12.0	8.8	13.2
127	16.0	10.9	16.3





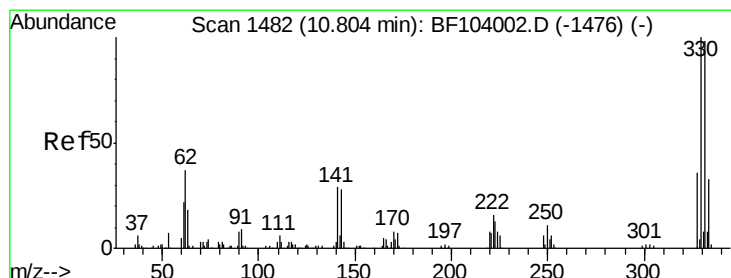
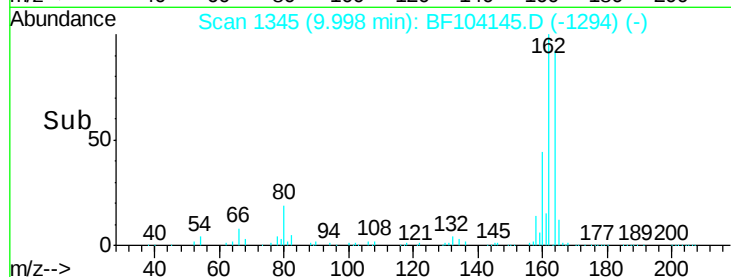
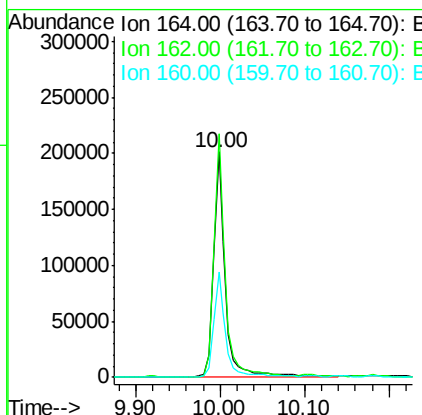
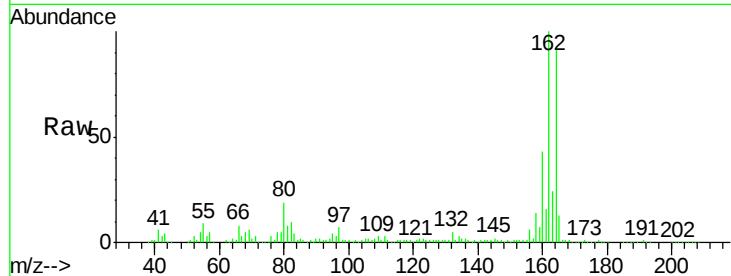
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.00 min Scan# 1345
 Delta R.T. -0.00 min
 Lab File: BF104145.D
 Acq: 2 Apr 2018 19:37

Instrument :
 BNA_F
 ClientSampleId :
 SB-105(2-3)

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	108.1	86.1	129.1	
160	46.9	38.3	57.5	

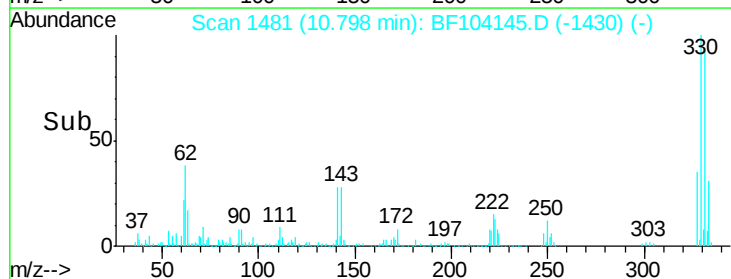
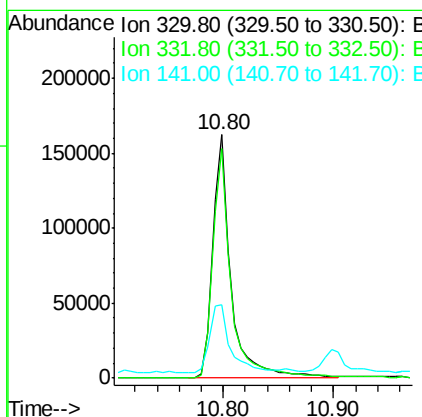
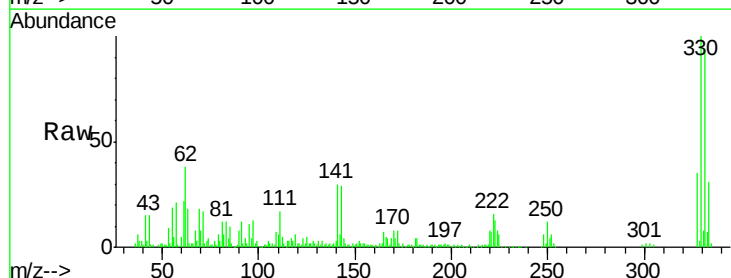
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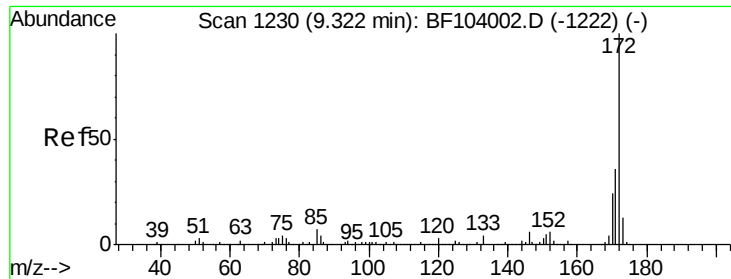
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#41
 2,4,6-Tribromophenol
 Concen: 83.039 ng
 RT: 10.80 min Scan# 1481
 Delta R.T. -0.00 min
 Lab File: BF104145.D
 Acq: 2 Apr 2018 19:37

Tgt Ion	Ratio	Resp	Lower	Upper
330	100			
332	96.9	77.0	115.6	
141	29.7	29.9	44.9#	





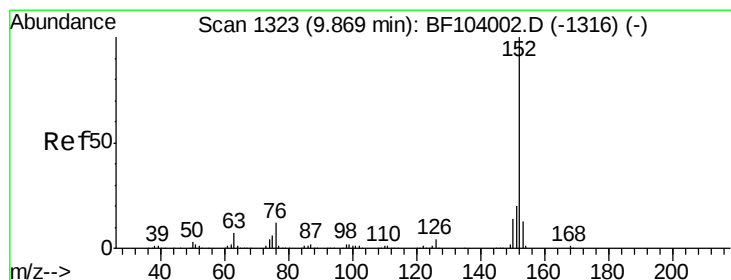
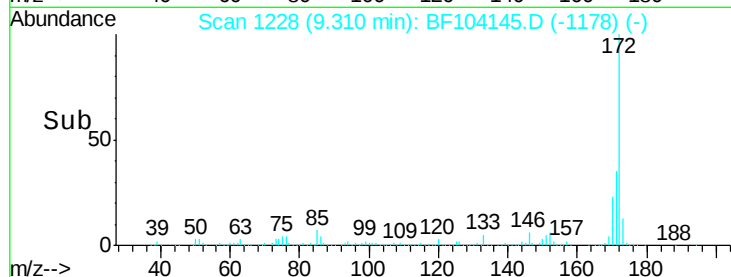
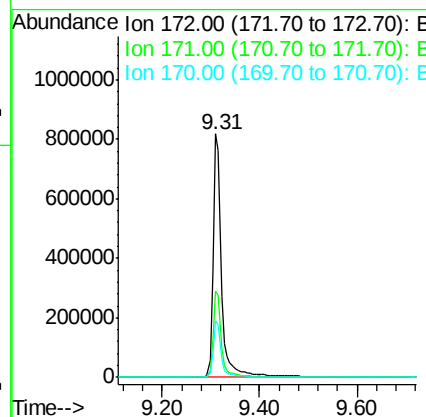
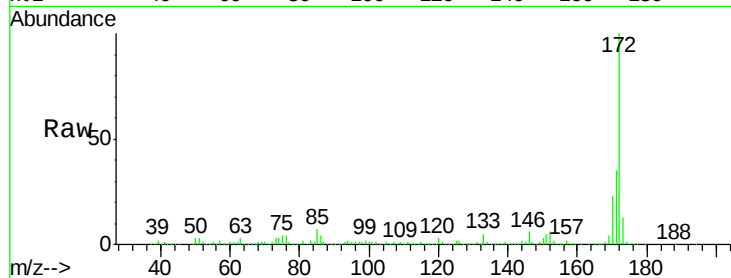
#44
2-Fluorobiphenyl
Concen: 78.374 ng
RT: 9.31 min Scan# 1228
Delta R.T. -0.01 min
Lab File: BF104145.D
Acq: 2 Apr 2018 19:37

Instrument :
BNA_F
ClientSampled :
SB-105(2-3)

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.2	29.7	44.5
170	23.2	19.6	29.4

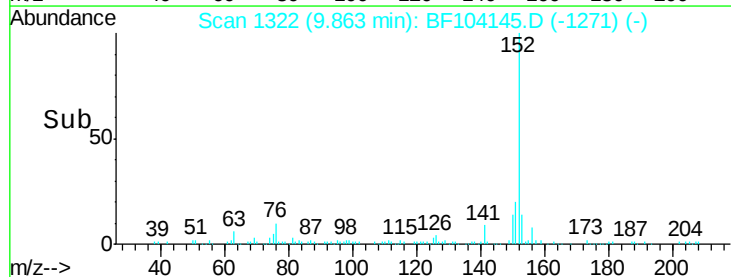
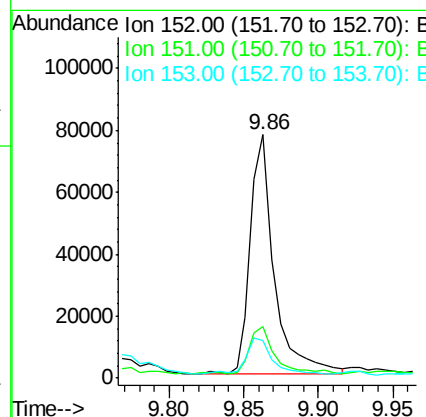
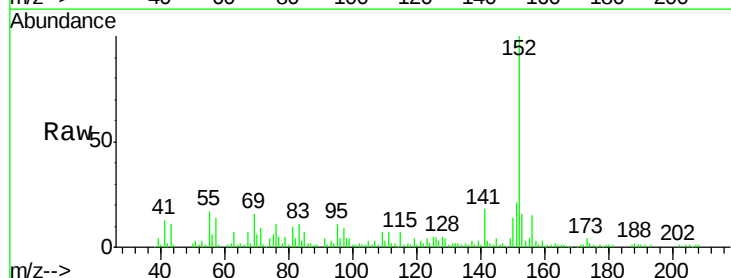
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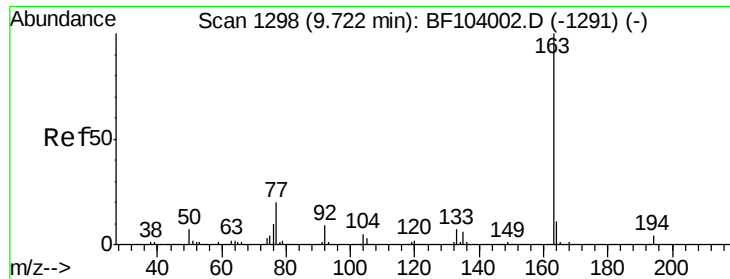
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#48
Acenaphthylene
Concen: 4.255 ng
RT: 9.86 min Scan# 1322
Delta R.T. -0.00 min
Lab File: BF104145.D
Acq: 2 Apr 2018 19:37

Tgt Ion	Ratio	Lower	Upper
152	100		
151	21.0	16.3	24.5
153	15.6	10.7	16.1





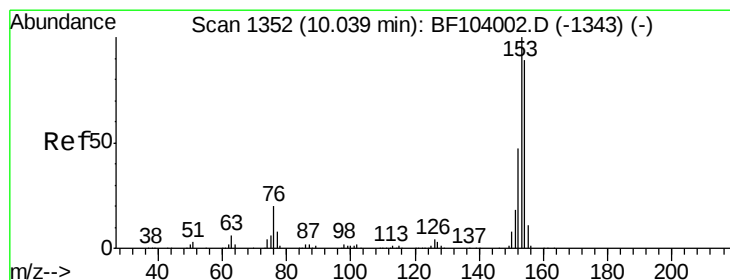
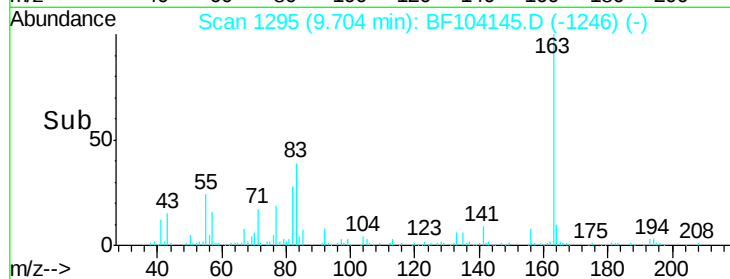
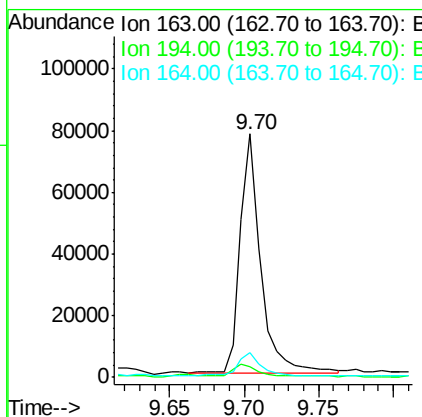
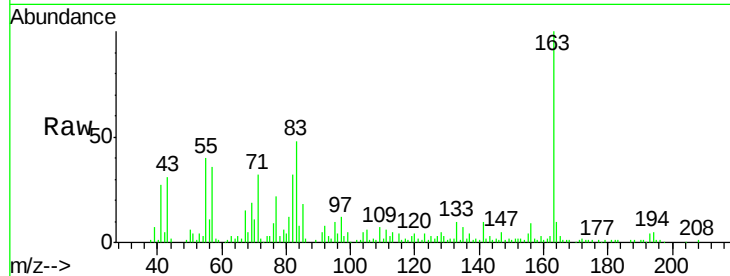
#49
Dimethylphthalate
Concen: 4.753 ng
RT: 9.70 min Scan# 1295
Delta R.T. -0.01 min
Lab File: BF104145.D
Acq: 2 Apr 2018 19:37

Instrument :
BNA_F
ClientSampleId :
SB-105(2-3)

Tot Ion	Ratio	Lower	Upper
163	100		
194	4.6	2.7	4.1#
164	10.1	8.2	12.2

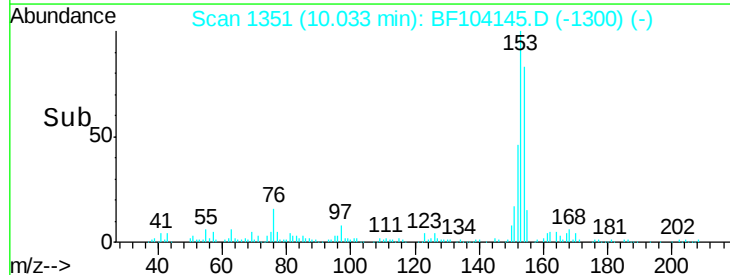
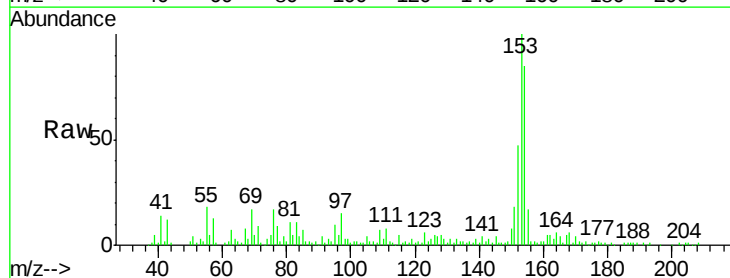
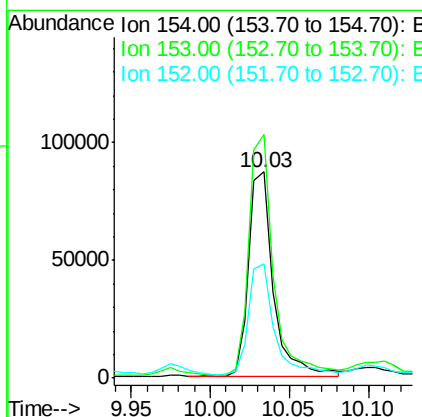
Manual Integrations
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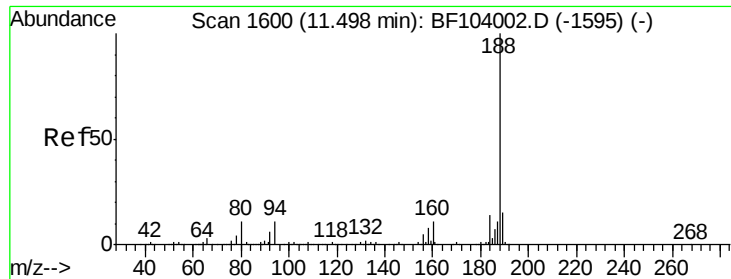
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#51
Acenaphthene
Concen: 8.091 ng
RT: 10.03 min Scan# 1351
Delta R.T. 0.00 min
Lab File: BF104145.D
Acq: 2 Apr 2018 19:37

Tgt Ion	Ratio	Lower	Upper
154	100		
153	117.9	91.2	136.8
152	55.5	43.8	65.8





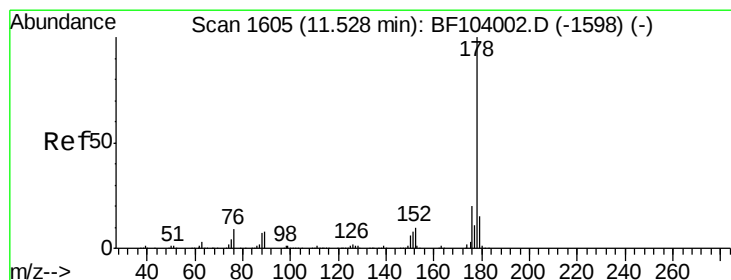
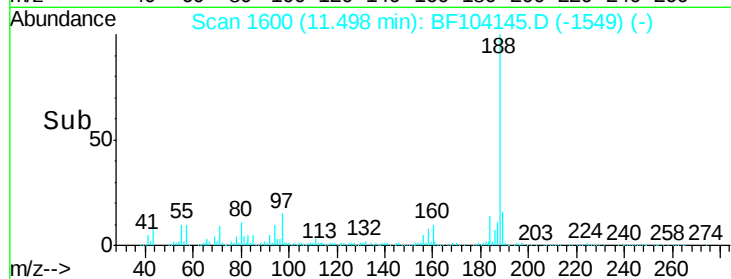
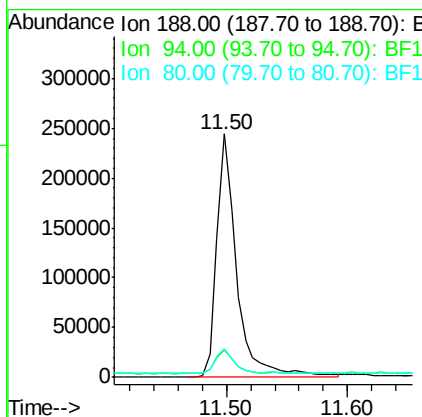
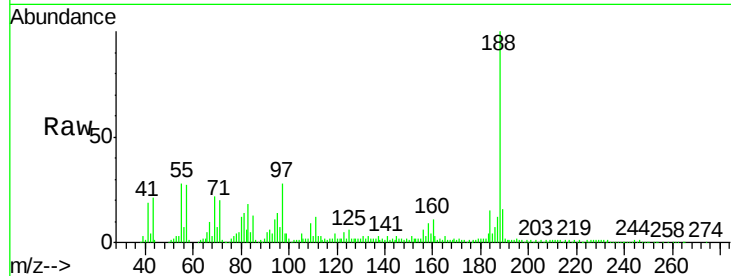
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1600
Delta R.T. -0.00 min
Lab File: BF104145.D
Acq: 2 Apr 2018 19:37

Instrument :
BNA_F
ClientSampleId :
SB-105(2-3)

Tot Ion:	188	Resp:	273334
Ion Ratio	Lower	Upper	
188	100		
94	11.2	8.5	12.7
80	11.7	9.2	13.8

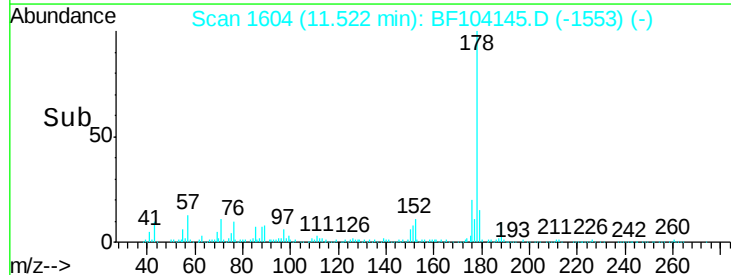
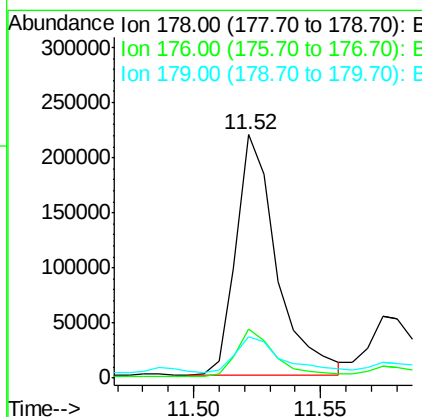
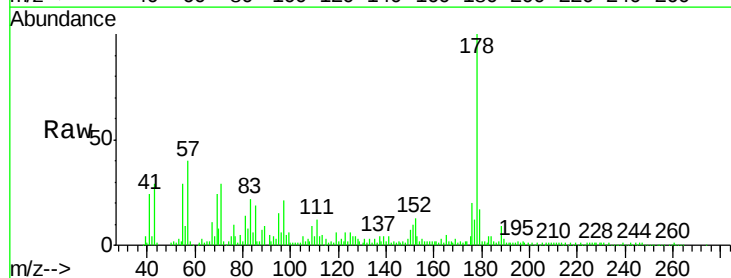
Manual Integrations
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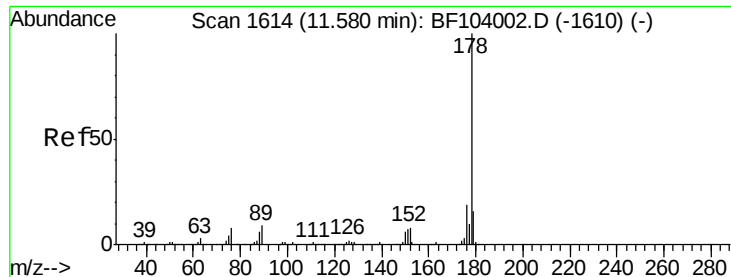
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#70
Phenanthrene
Concen: 16.466 ng
RT: 11.52 min Scan# 1604
Delta R.T. 0.00 min
Lab File: BF104145.D
Acq: 2 Apr 2018 19:37

Tgt Ion:	178	Resp:	243667
Ion Ratio	Lower	Upper	
178	100		
176	20.4	15.8	23.8
179	17.0	13.0	19.6





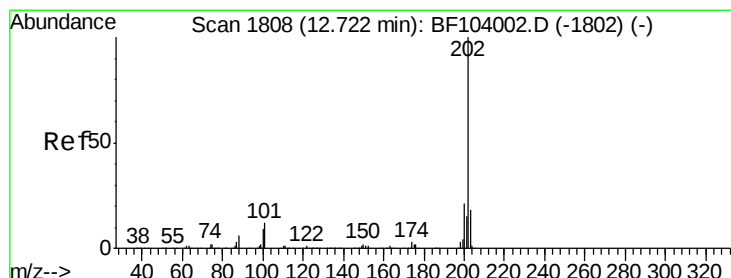
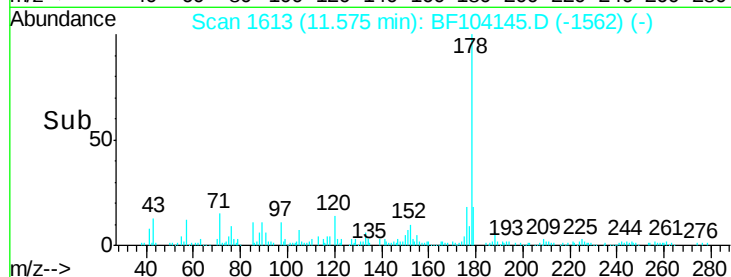
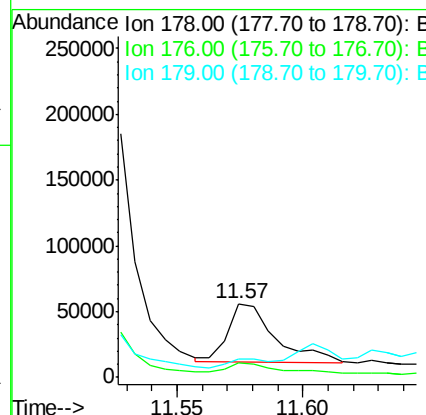
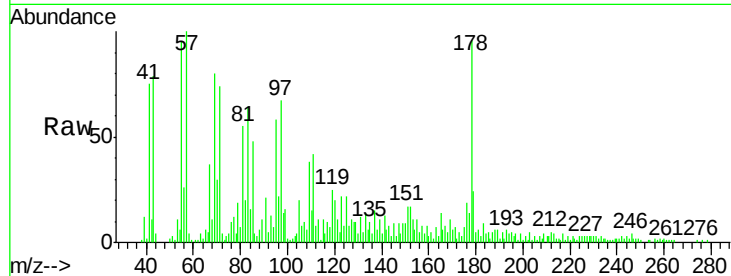
#71
 Anthracene
 Concen: 3.841 ng/mL
 RT: 11.57 min Scan# 1613
 Delta R.T. -0.00 min
 Lab File: BF104145.D
 Acq: 2 Apr 2018 19:37

Instrument :
 BNA_F
 ClientSampleID :
 SB-105(2-3)

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.4	23.2
179	24.8	12.6	19.0

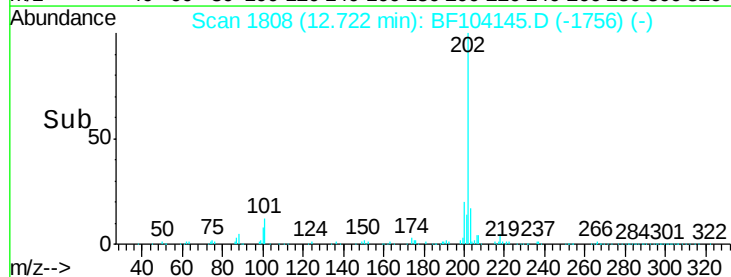
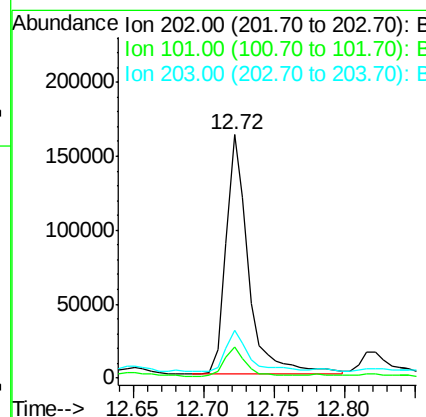
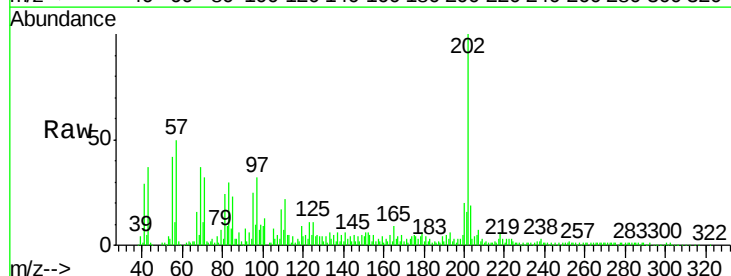
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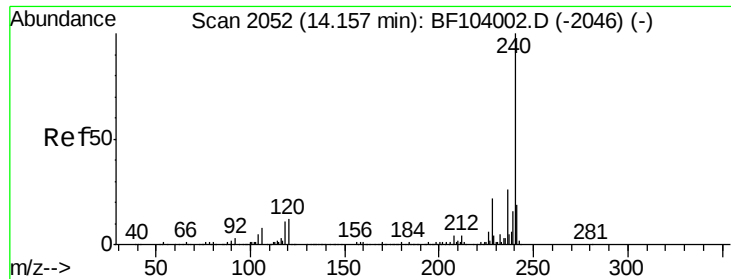
Sohil
 4/3/2018 2:27:25 PM



#74
 Fluoranthene
 Concen: 11.495 ng/mL
 RT: 12.72 min Scan# 1808
 Delta R.T. 0.01 min
 Lab File: BF104145.D
 Acq: 2 Apr 2018 19:37

Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.8	0.0	34.1
203	19.4	0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.16 min Scan# 2052

Delta R.T. 0.01 min

Lab File: BF104145.D

Acq: 2 Apr 2018 19:37

Instrument :

BNA_F

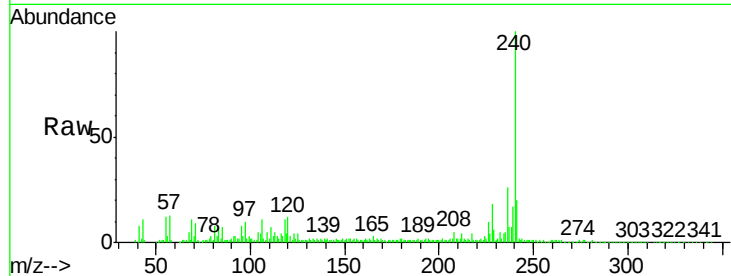
ClientSampleId :

SB-105(2-3)

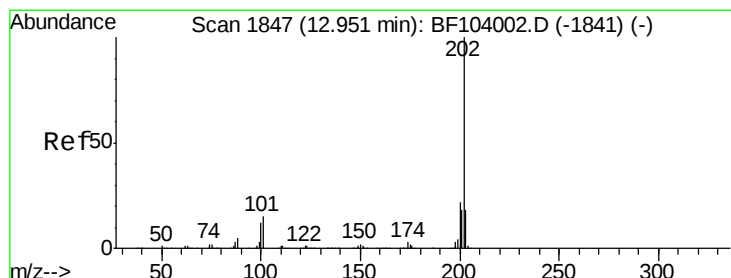
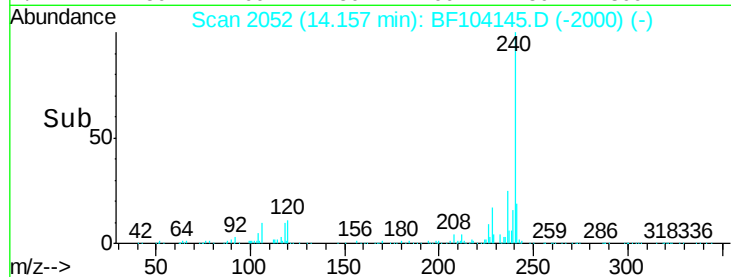
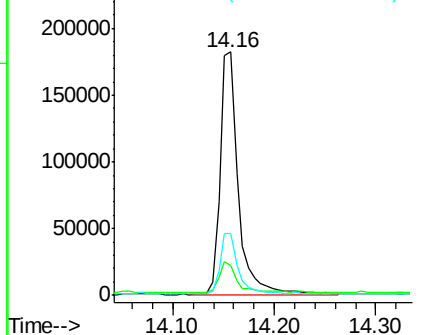
Tot Ion:	240	Resp:	225538
Ion Ratio	Lower	Upper	
240	100		
120	12.1	9.5	14.3
236	25.6	20.7	31.1

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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

Pyrene

Concen: 12.835 ng

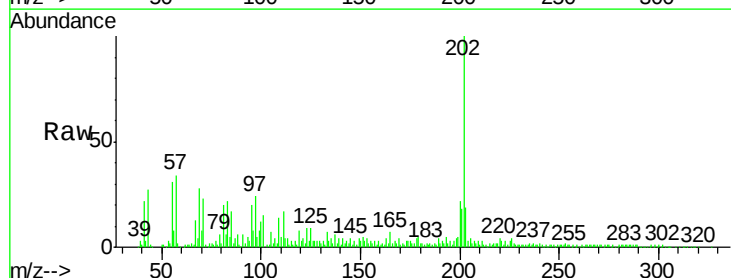
RT: 12.95 min Scan# 1847

Delta R.T. 0.01 min

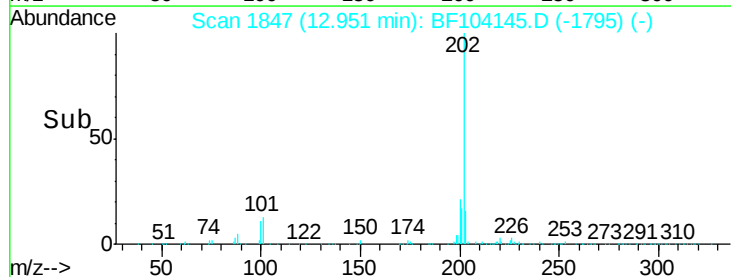
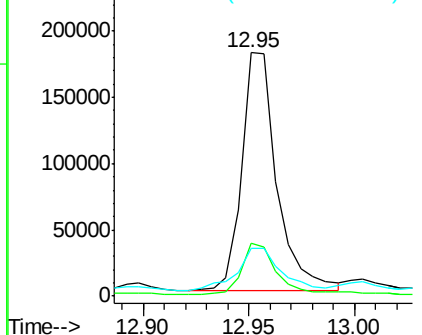
Lab File: BF104145.D

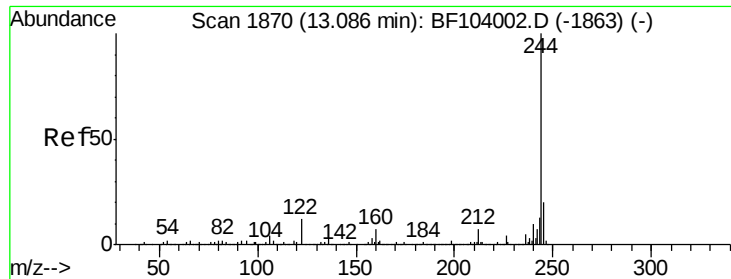
Acq: 2 Apr 2018 19:37

Tgt Ion:	202	Resp:	208091
Ion Ratio	Lower	Upper	
202	100		
200	21.7	17.4	26.2
203	19.4	14.3	21.5



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: 62.686 ng

RT: 13.09 min Scan# 1870

Delta R.T. 0.01 min

Lab File: BF104145.D

Acq: 2 Apr 2018 19:37

Instrument :

BNA_F

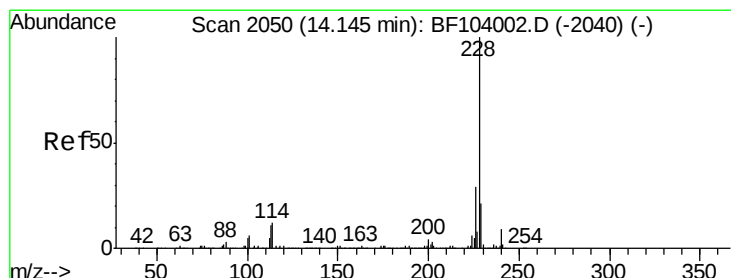
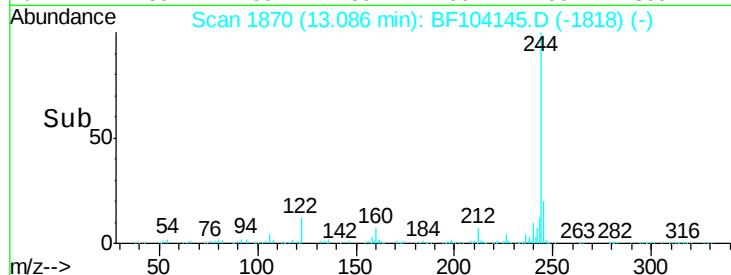
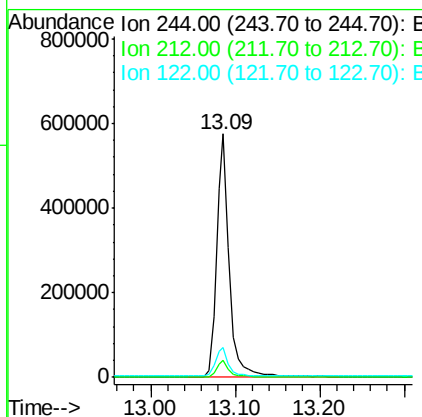
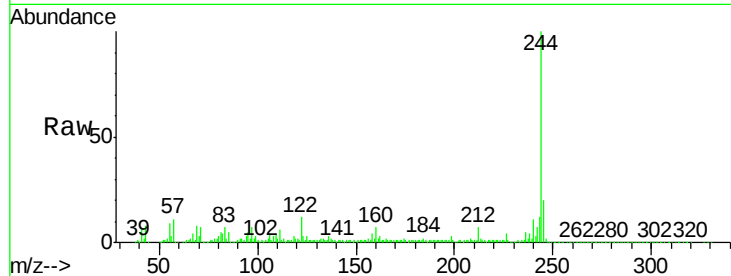
ClientSampleId :

SB-105(2-3)

Tot Ion:	244	Resp:	612320
Ion Ratio		Lower	Upper
244	100		
212	6.9	5.4	8.0
122	12.1	11.0	16.4

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#80

Benzo(a)anthracene

Concen: 7.878 ng

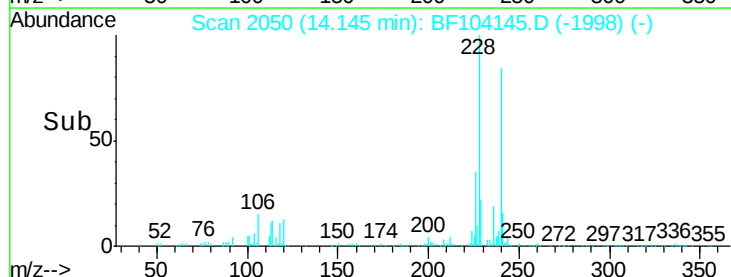
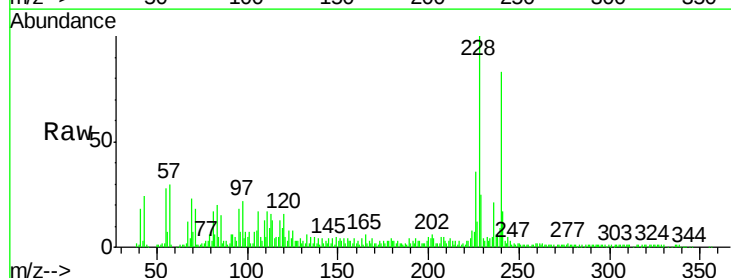
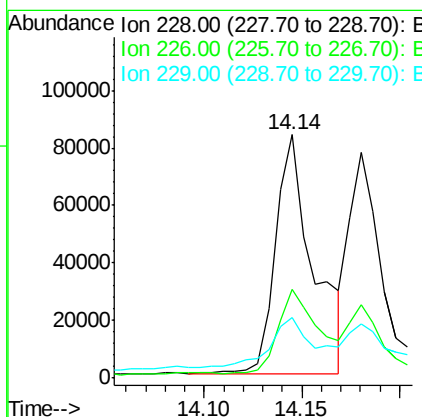
RT: 14.14 min Scan# 2050

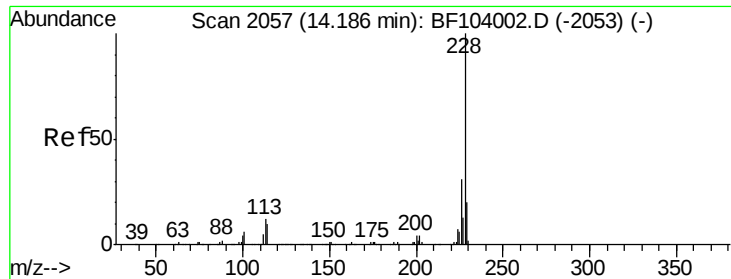
Delta R.T. 0.01 min

Lab File: BF104145.D

Acq: 2 Apr 2018 19:37

Tgt Ion:	228	Resp:	111179
Ion Ratio		Lower	Upper
228	100		
226	36.3	22.6	33.8#
229	25.1	15.8	23.6#





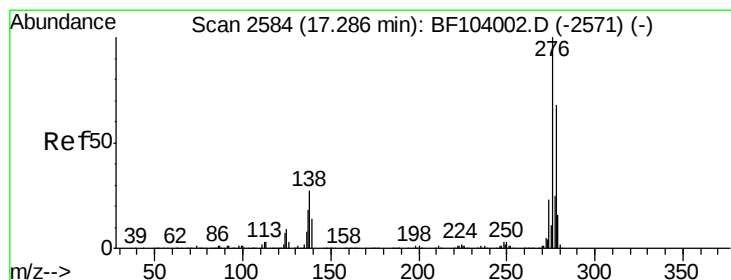
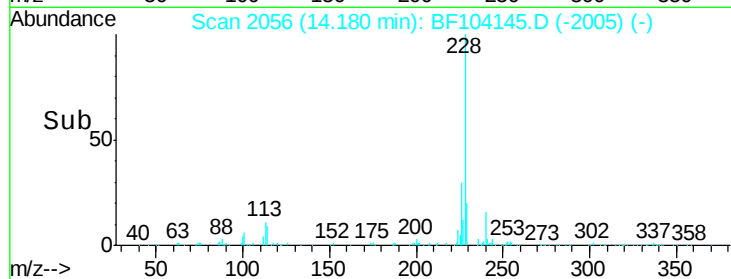
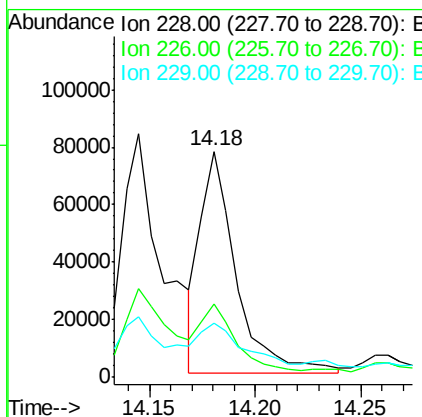
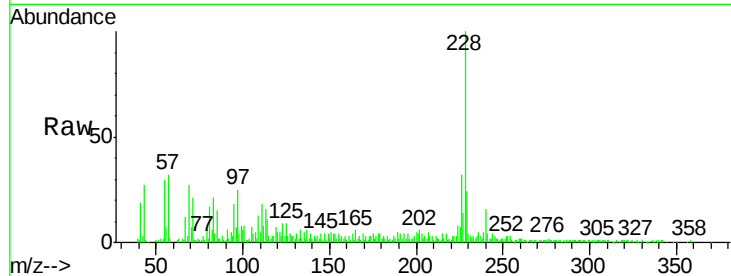
#82
Chrysene
Concen: 6.547 ng
RT: 14.18 min Scan# 2056
Delta R.T. -0.00 min
Lab File: BF104145.D
Acq: 2 Apr 2018 19:37

Instrument :
BNA_F
ClientSampled :
SB-105(2-3)

Tot Ion:	228	Resp:	90488
Ion Ratio	Lower	Upper	
228	100		
226	32.4	25.0	37.6
229	24.1	16.2	24.4

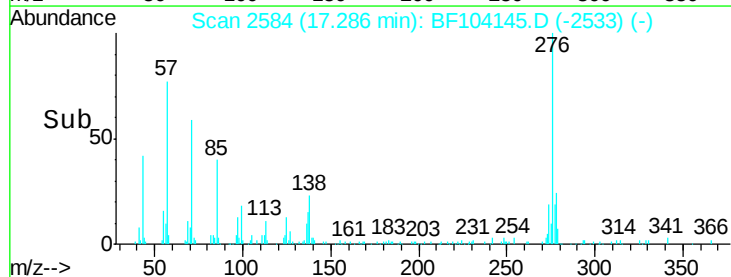
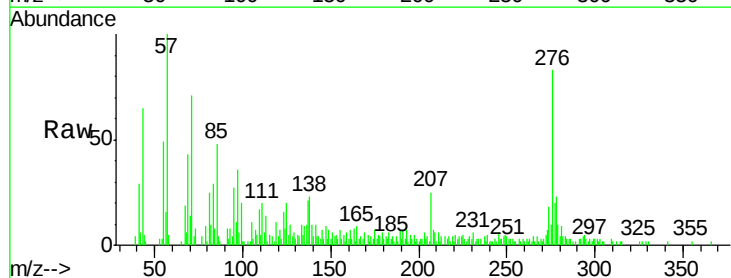
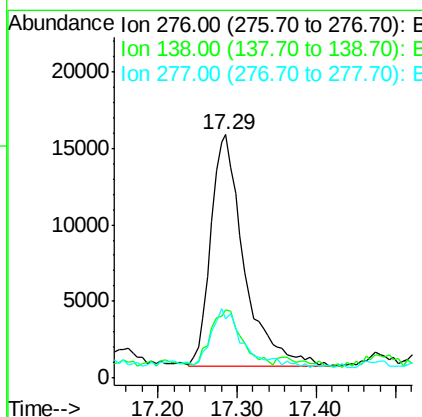
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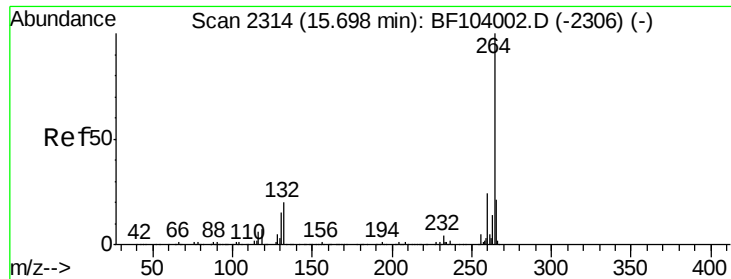
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#85
Indeno(1,2,3-cd)pyrene
Concen: 3.047 ng
RT: 17.29 min Scan# 2584
Delta R.T. 0.00 min
Lab File: BF104145.D
Acq: 2 Apr 2018 19:37

Tgt Ion:	276	Resp:	43640
Ion Ratio	Lower	Upper	
276	100		
138	21.7	25.0	37.6#
277	20.4	20.1	30.1





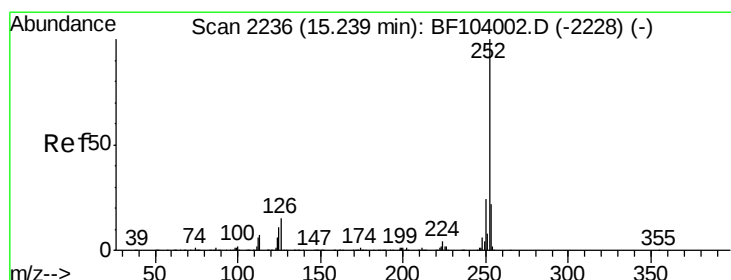
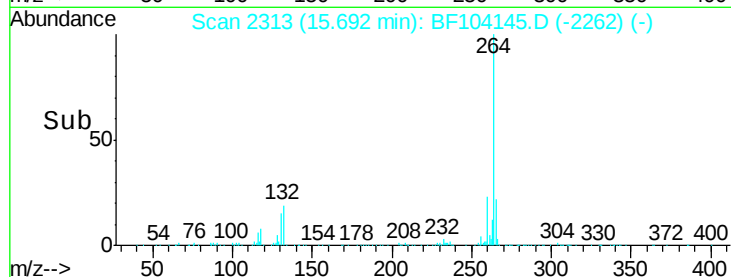
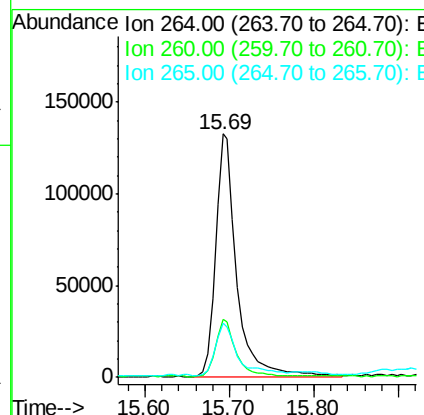
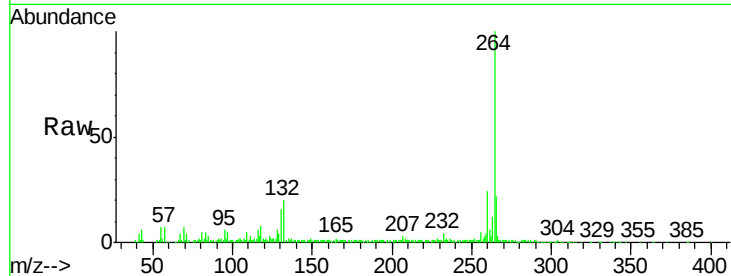
#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.69 min Scan# 2313
Delta R.T. -0.00 min
Lab File: BF104145.D
Acq: 2 Apr 2018 19:37

Instrument :
BNA_F
ClientSampleId :
SB-105(2-3)

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.2	28.8
265	22.3	17.5	26.3

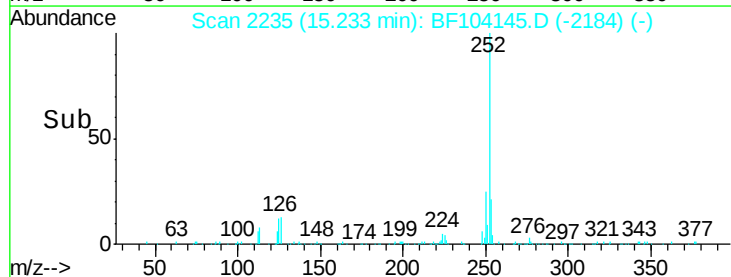
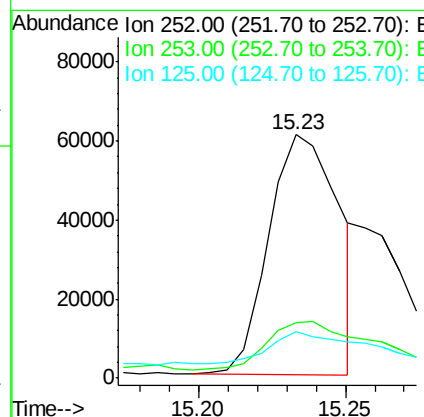
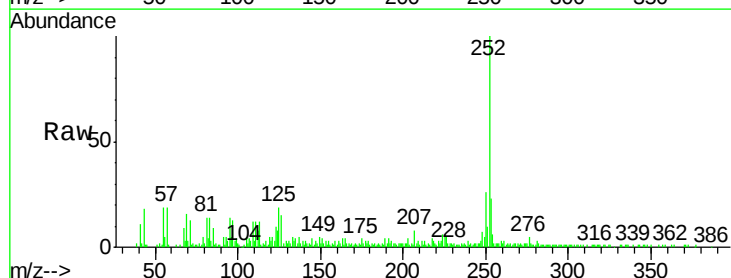
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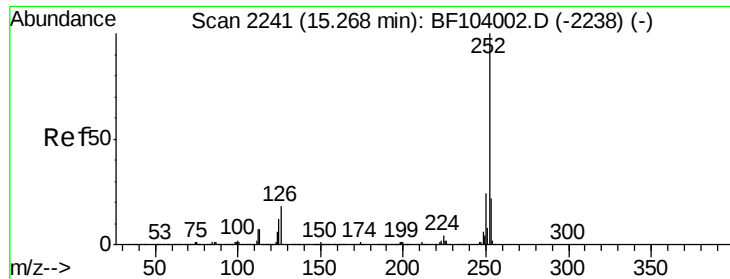
Sohil
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#87
Benzo(b)fluoranthene
Concen: 7.180 ng m
RT: 15.23 min Scan# 2235
Delta R.T. -0.00 min
Lab File: BF104145.D
Acq: 2 Apr 2018 19:37

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.0	25.6
125	19.1	9.0	13.6#





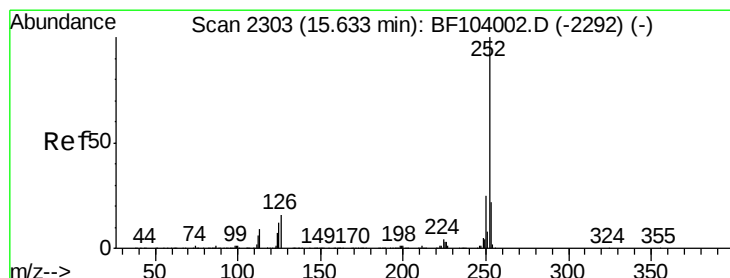
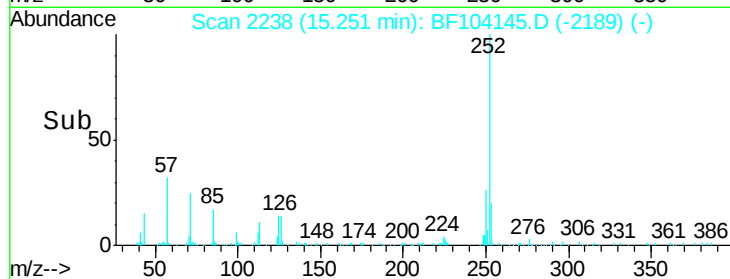
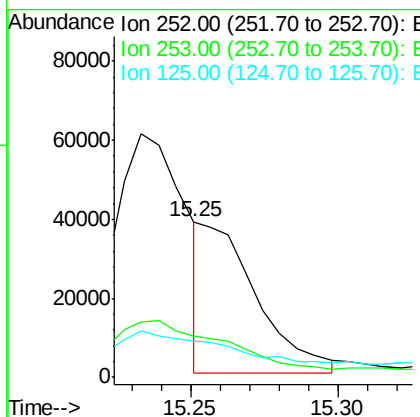
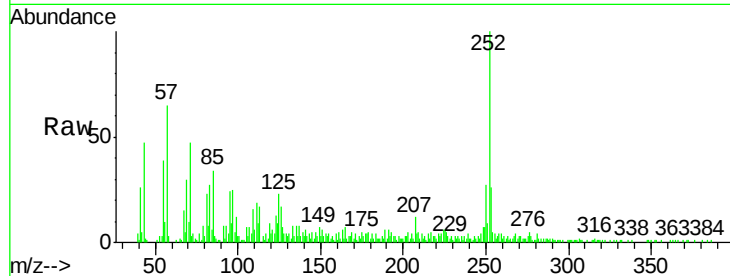
#88
Benzo(k)fluoranthene
Concen: 3.637 ng m
RT: 15.25 min Scan# 2238
Delta R.T. -0.01 min
Lab File: BF104145.D
Acq: 2 Apr 2018 19:37

Instrument :
BNA_F
ClientSampleId :
SB-105(2-3)

Tot Ion	Ratio	Lower	Upper
252	100		
253	26.2	17.9	26.9
125	23.0	10.2	15.2

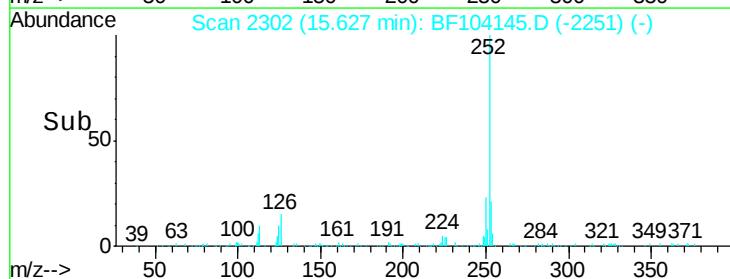
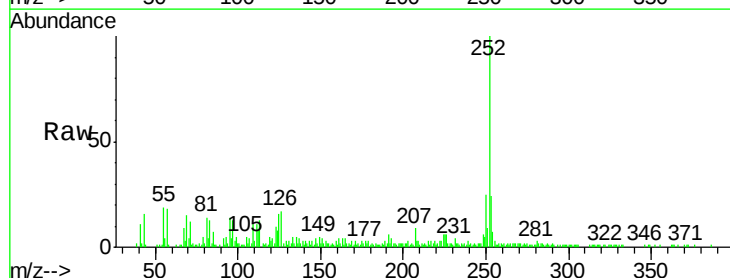
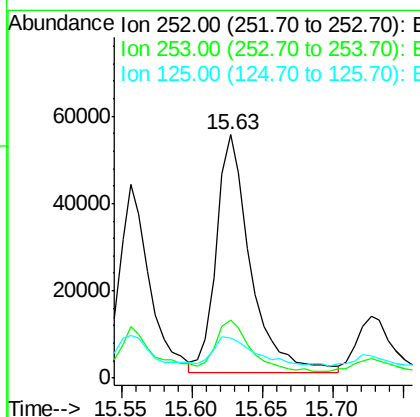
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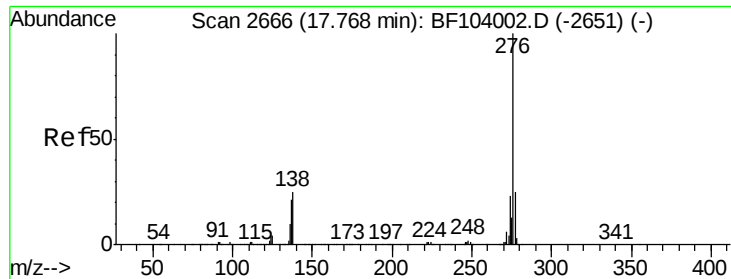
Sohil
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#89
Benzo(a)pyrene
Concen: 7.037 ng
RT: 15.63 min Scan# 2302
Delta R.T. 0.00 min
Lab File: BF104145.D
Acq: 2 Apr 2018 19:37

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.6	17.1	25.7
125	16.3	9.8	14.6





#91
 Benzo(a,h,i)perylene
 Concen: 3.828 ng
 RT: 17.76 min Scan# 2665
 Delta R.T. -0.01 min
 Lab File: BF104145.D
 Acq: 2 Apr 2018 19:37

Instrument :
 BNA_F
 ClientSampleId :
 SB-105(2-3)

Tot Ion	Ratio	Lower	Upper
276	100		
277	28.2	17.9	26.9#
138	25.1	21.8	32.8

Manual Integrations
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