

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082118\
 Data File : BF108377.D
 Acq On : 22 Aug 2018 9:58
 Operator : JU/SJ
 Sample : J4555-05 2X
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-02-COMP

Manual Integrations
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 8/22/2018 4:03:39 PM

Quant Time: Aug 22 11:29:37 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF080818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 22 11:01:45 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.01	152	144864	20.00	ng	0.00
21) Naphthalene-d8	8.29	136	521452	20.00	ng	0.00
38) Acenaphthene-d10	10.05	164	233839	20.00	ng	0.00
63) Phenanthrene-d10	11.55	188	378378	20.00	ng	0.00
75) Chrysene-d12	14.20	240	327317	20.00	ng	0.00
86) Perylene-d12	15.76	264	249902	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	388787	48.59	ng	0.00
7) Phenol-d6	6.62	99	515310	48.46	ng	-0.01
23) Nitrobenzene-d5	7.57	82	323699	34.64	ng	0.00
41) 2,4,6-Tribromophenol	10.84	330	98492	42.23	ng	0.00
44) 2-Fluorobiphenyl	9.36	172	551655	37.87	ng	0.00
78) Terphenyl-d14	13.13	244	431139	33.49	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.75	163	63867	3.921	ng	Qvalue # 99
70) Phenanthrene	11.57	178	103822	5.817	ng	98
74) Fluoranthene	12.77	202	162459	8.341	ng	93
77) Pyrene	13.00	202	137770	6.648	ng	99
80) Benzo(a)anthracene	14.19	228	72165	3.842	ng	97
82) Chrysene	14.22	228	58286	3.384	ng	96
87) Benzo(b)fluoranthene	15.29	252	62862m	4.210	ng	
89) Benzo(a)pyrene	15.69	252	42092	3.148	ng	# 89
91) Benzo(g,h,i)perylene	17.87	276	22864	2.099	ng	# 87

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

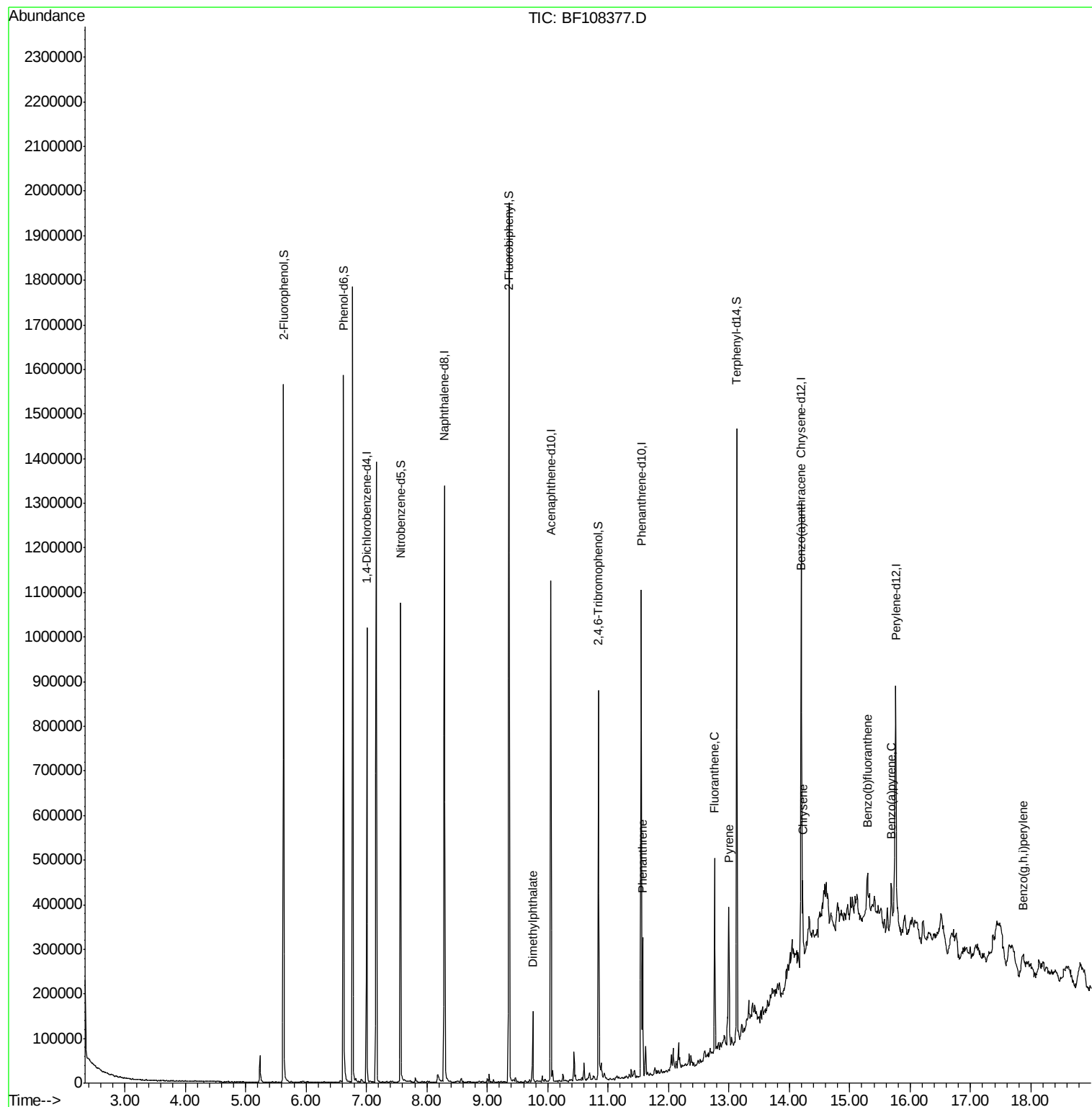
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082118\
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#1

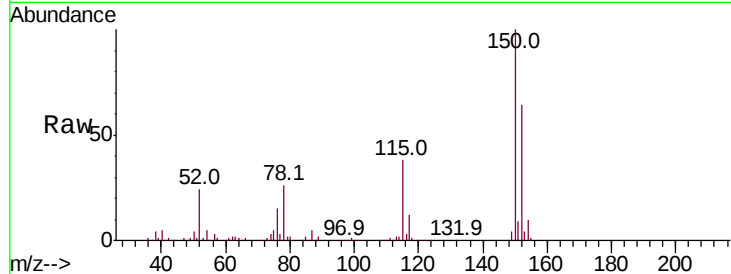
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.01 min Scan# 794
Delta R.T. -0.00 min
Lab File: BF108377.D
Acq: 22 Aug 2018 9:58

Instrument :
BNA_F
ClientSampleId :
SB-02-COMP

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.1	124.6	186.8
115	58.4	50.1	75.1

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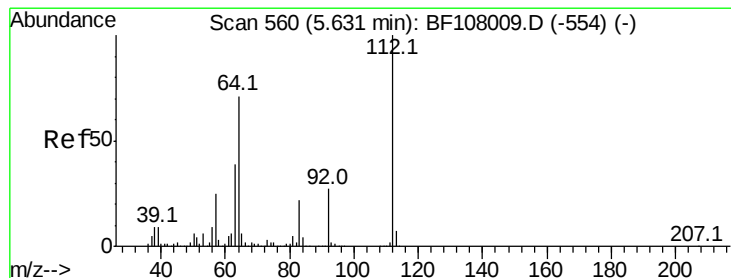
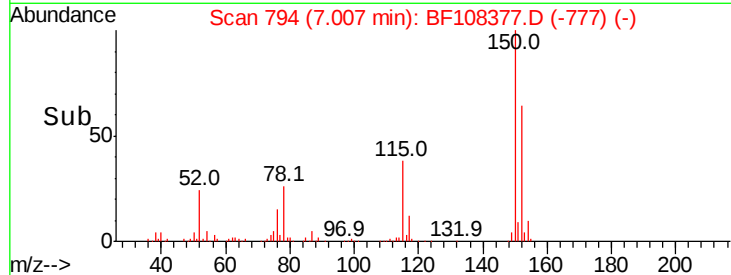
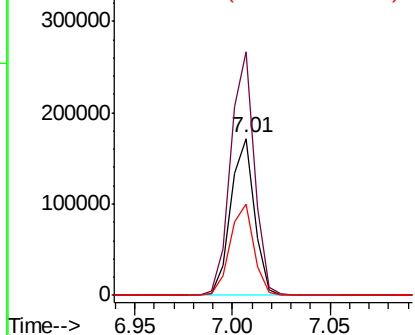


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 48.589 ng
RT: 5.62 min Scan# 559
Delta R.T. -0.01 min
Lab File: BF108377.D
Acq: 22 Aug 2018 9:58

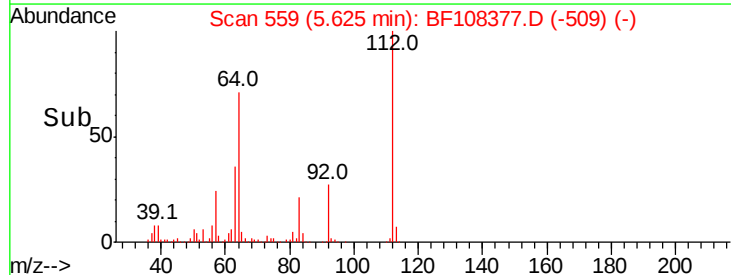
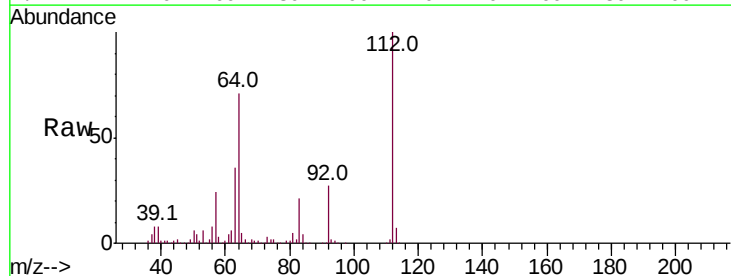
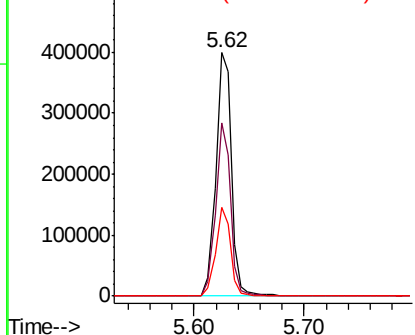
Tgt Ion	Ratio	Lower	Upper
112	100		
64	71.0	47.9	71.9
63	36.2	23.7	35.5

Abundance

Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 48.464 ng

RT: 6.62 min Scan# 728

Delta R.T. -0.01 min

Lab File: BF108377.D

Acq: 22 Aug 2018 9:58

Instrument :

BNA_F

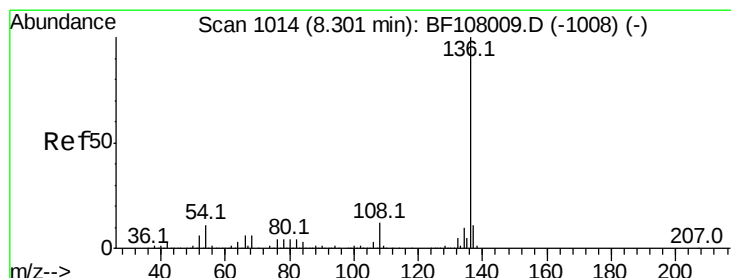
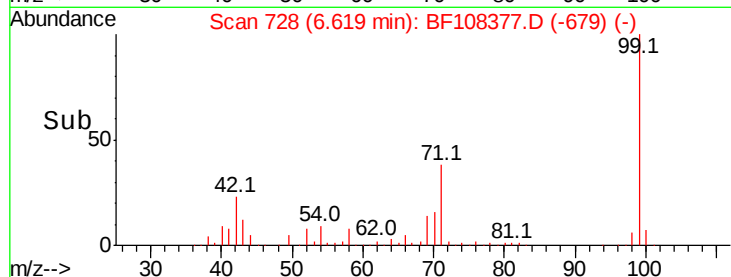
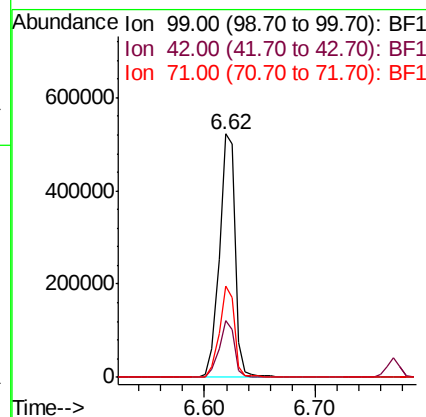
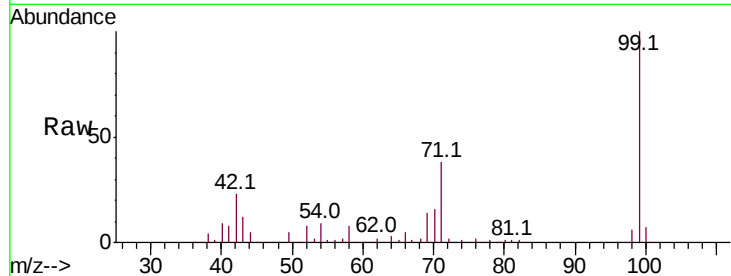
ClientSampleId :

SB-02-COMP

Tot Ion:	99	Resp:	515310
Ion Ratio	Lower	Upper	
99	100		
42	23.2	14.5	21.7#
71	37.6	25.4	38.0

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#21

Naphthalene-d8

Concen: 20.000 ng

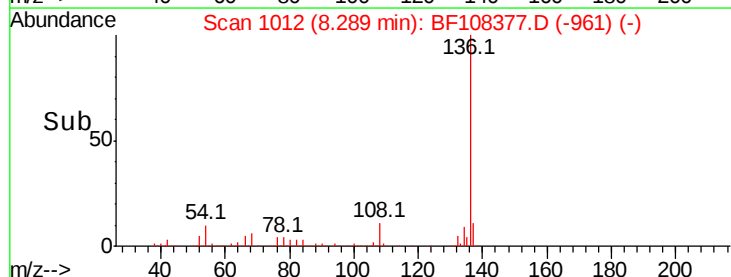
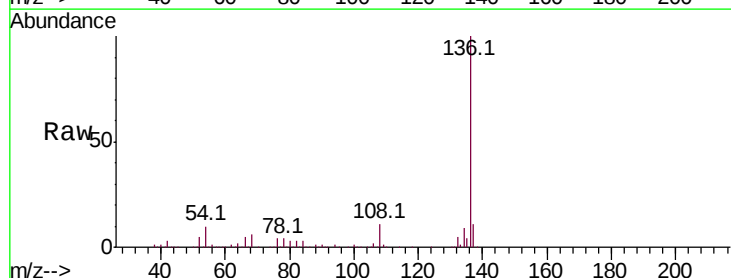
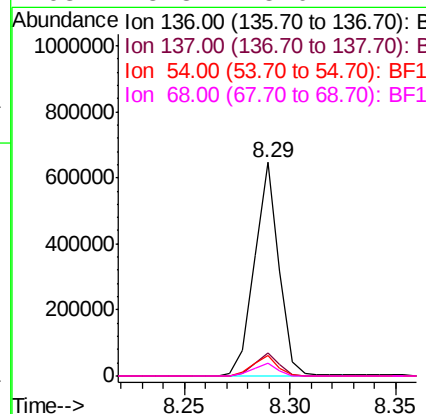
RT: 8.29 min Scan# 1012

Delta R.T. -0.00 min

Lab File: BF108377.D

Acq: 22 Aug 2018 9:58

Tgt Ion:	136	Resp:	521452
Ion Ratio	Lower	Upper	
136	100		
137	10.9	8.9	13.3
54	9.6	6.6	9.8
68	5.8	5.0	7.4





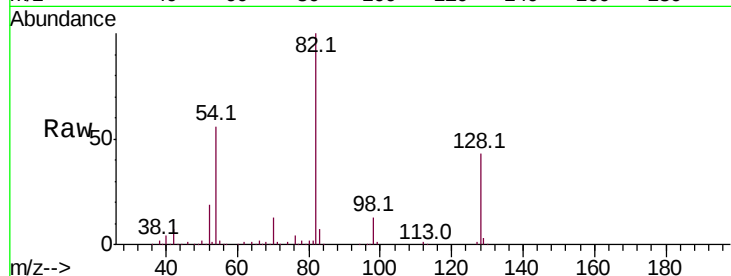
#23
 Nitrobenzene-d5
 Concen: 34.640 ng
 RT: 7.57 min Scan# 889
 Delta R.T. -0.01 min
 Lab File: BF108377.D
 Acq: 22 Aug 2018 9:58

Instrument :
 BNA_F
 ClientSampleId :
 SB-02-COMP

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	43.3	36.1	54.1	
54	56.5	41.4	62.2	

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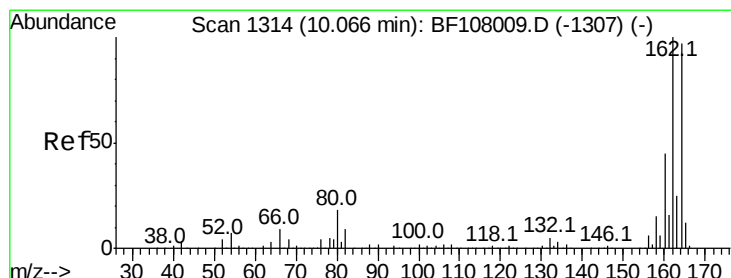
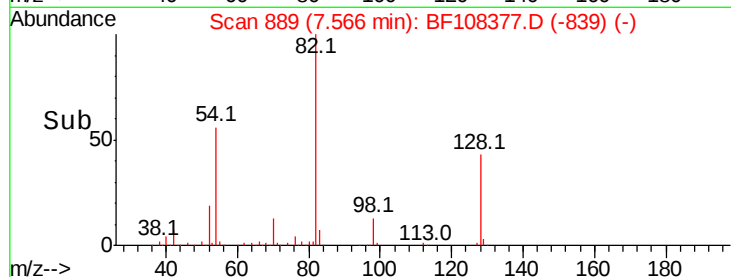
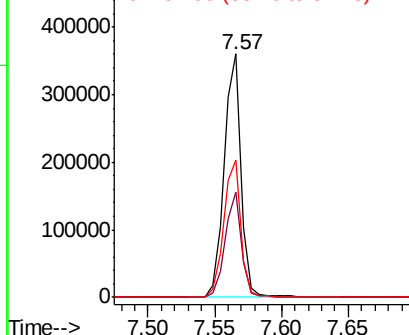


Abundance

Ion 82.00 (81.70 to 82.70): BF1

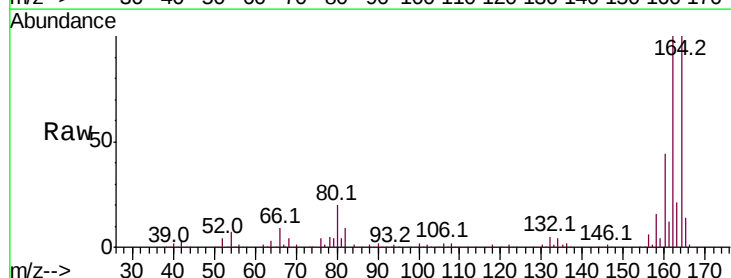
Ion 128.00 (127.70 to 128.70): BF1

Ion 54.00 (53.70 to 54.70): BF1



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.05 min Scan# 1311
 Delta R.T. -0.01 min
 Lab File: BF108377.D
 Acq: 22 Aug 2018 9:58

Tgt Ion	Ratio	Resp	Lower	Upper
164	100			
162	100.1	86.1	129.1	
160	43.8	38.3	57.5	

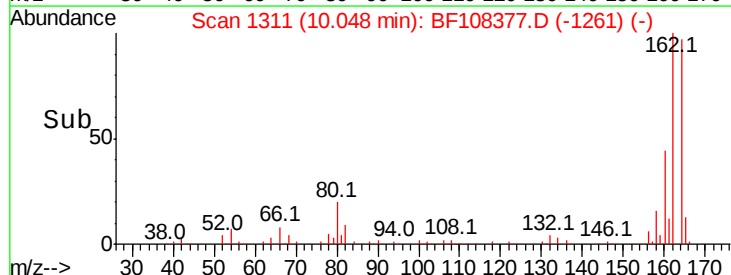
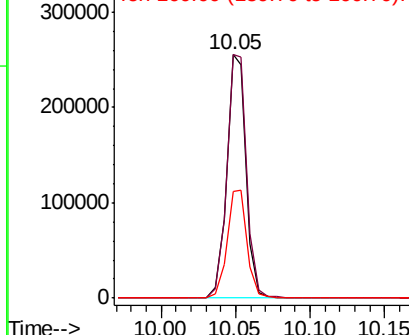


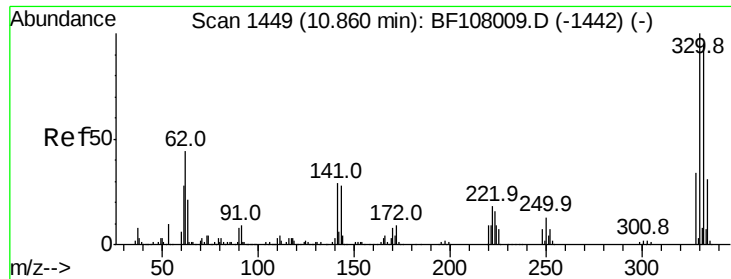
Abundance

Ion 164.00 (163.70 to 164.70): BF1

Ion 162.00 (161.70 to 162.70): BF1

Ion 160.00 (159.70 to 160.70): BF1





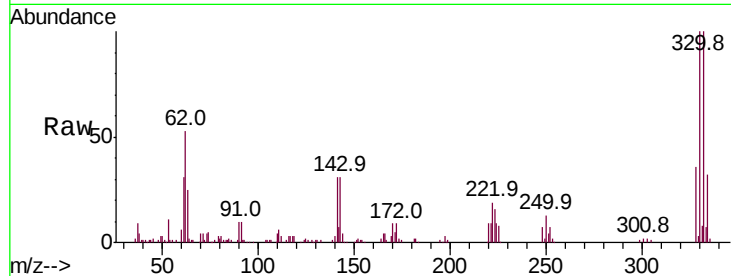
#41
 2,4,6-Tribromophenol
 Concen: 42.226 ng
 RT: 10.84 min Scan# 1446
 Delta R.T. -0.01 min
 Lab File: BF108377.D
 Acq: 22 Aug 2018 9:58

Instrument :
 BNA_F
 ClientSampleId :
 SB-02-COMP

Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	98.3	77.0	115.6	
141	33.5	29.9	44.9	

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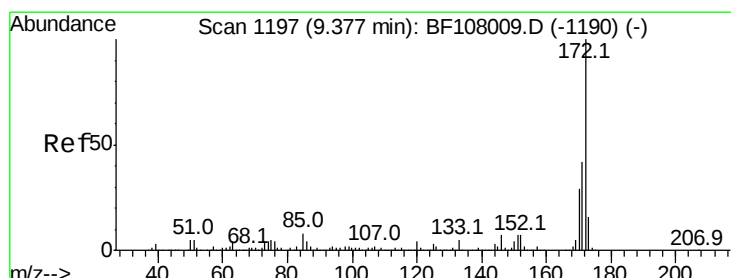
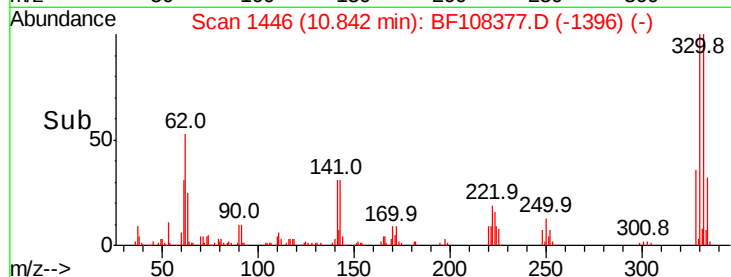
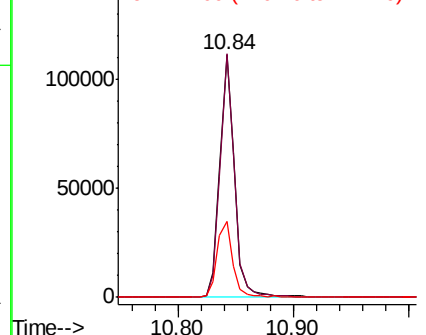


Abundance

Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 37.875 ng
 RT: 9.36 min Scan# 1194
 Delta R.T. -0.01 min
 Lab File: BF108377.D
 Acq: 22 Aug 2018 9:58

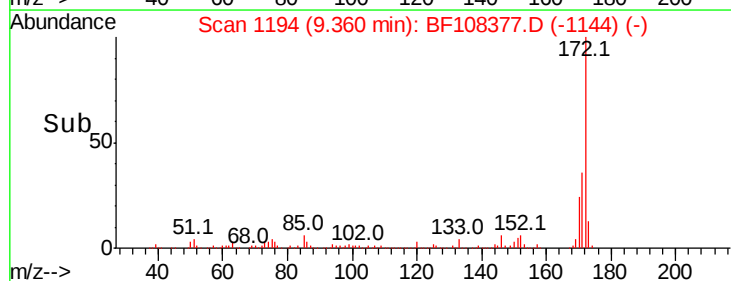
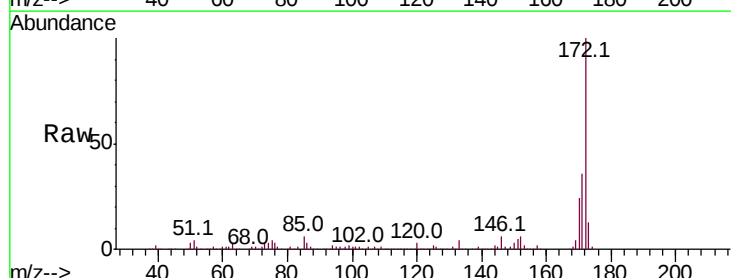
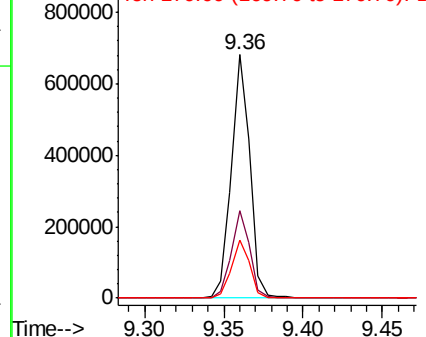
Tgt Ion	Ratio	Resp	Lower	Upper
172	100			
171	35.9	29.7	44.5	
170	23.8	19.6	29.4	

Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





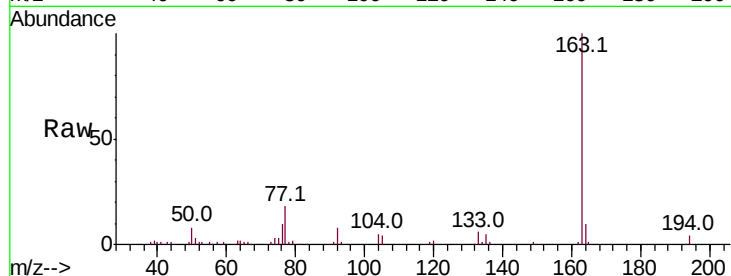
#49
 Dimethylphthalate
 Concen: 3.921 ng
 RT: 9.75 min Scan# 1261
 Delta R.T. -0.01 min
 Lab File: BF108377.D
 Acq: 22 Aug 2018 9:58

Instrument :
 BNA_F
 ClientSampleId :
 SB-02-COMP

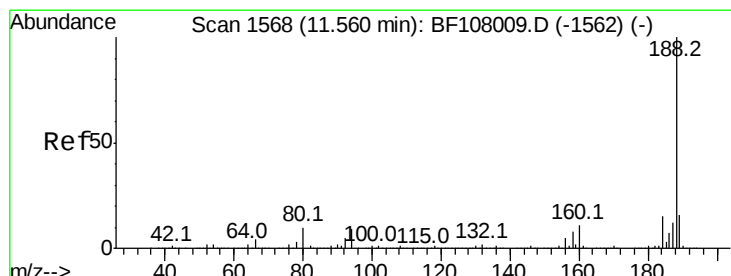
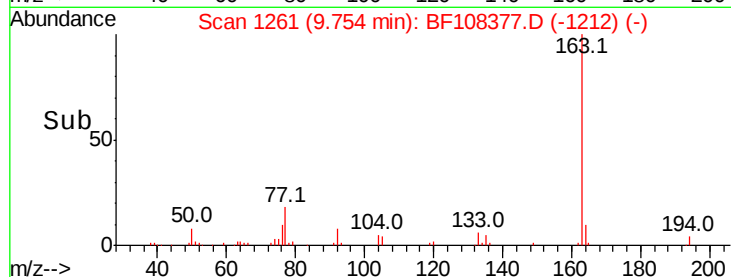
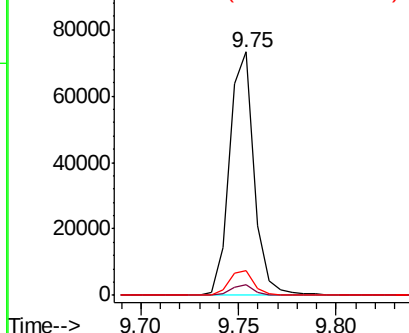
Tot Ion:	163	Resp:	63867
Ion Ratio	Lower	Upper	
163	100		
194	4.3	2.7	4.1#
164	10.2	8.2	12.2

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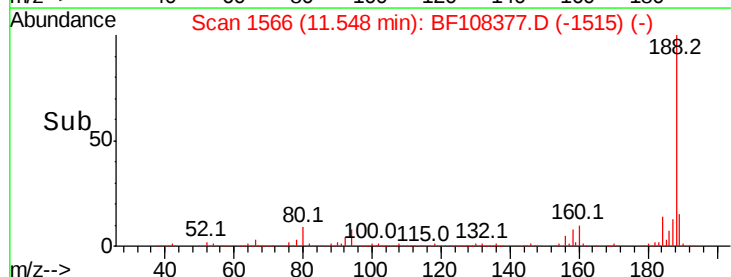
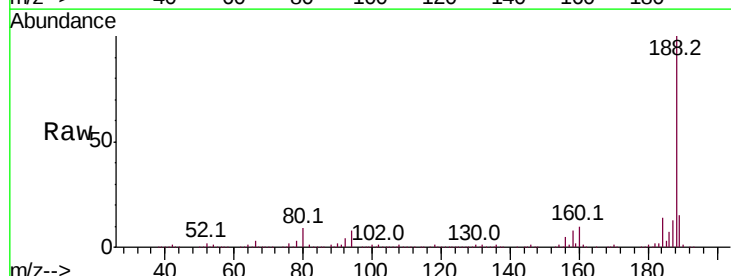
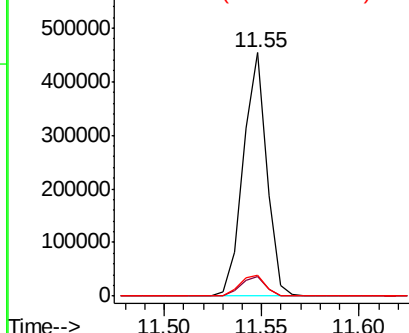
Abundance Ion 163.00 (162.70 to 163.70): E
 100000 Ion 194.00 (193.70 to 194.70): E
 Ion 164.00 (163.70 to 164.70): E

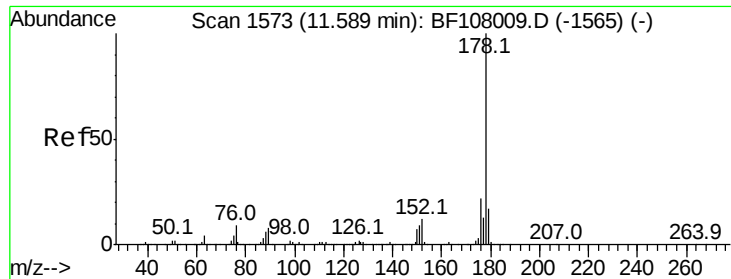


#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.55 min Scan# 1566
 Delta R.T. -0.00 min
 Lab File: BF108377.D
 Acq: 22 Aug 2018 9:58

Tgt Ion:	188	Resp:	378378
Ion Ratio	Lower	Upper	
188	100		
94	8.0	8.5	12.7#
80	8.8	9.2	13.8#

Abundance Ion 188.00 (187.70 to 188.70): E
 600000 Ion 94.00 (93.70 to 94.70): BF1
 Ion 80.00 (79.70 to 80.70): BF1





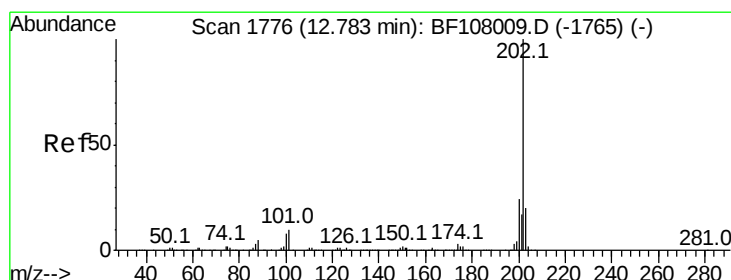
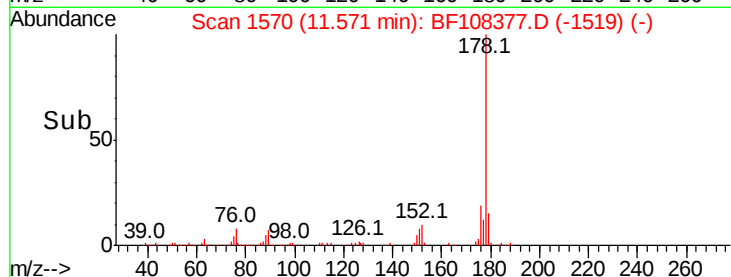
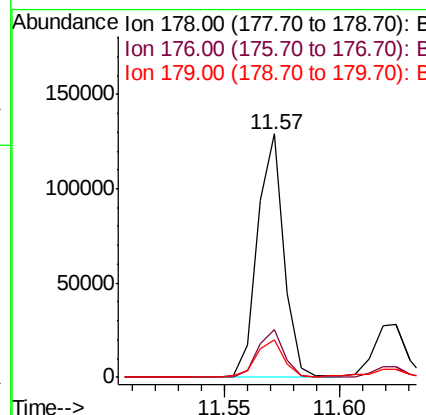
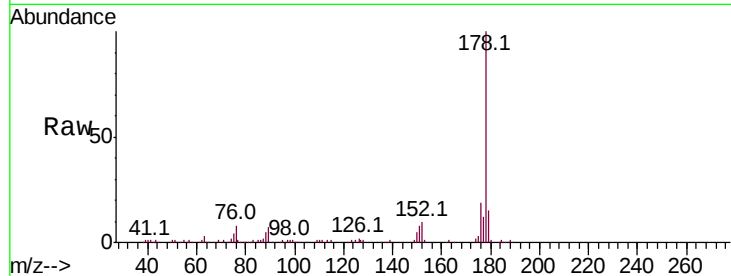
#70
Phenanthrene
Concen: 5.817 ng
RT: 11.57 min Scan# 1570
Delta R.T. -0.00 min
Lab File: BF108377.D
Acq: 22 Aug 2018 9:58

Instrument :
BNA_F
ClientSampleId :
SB-02-COMP

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.8	23.8
179	15.2	13.0	19.6

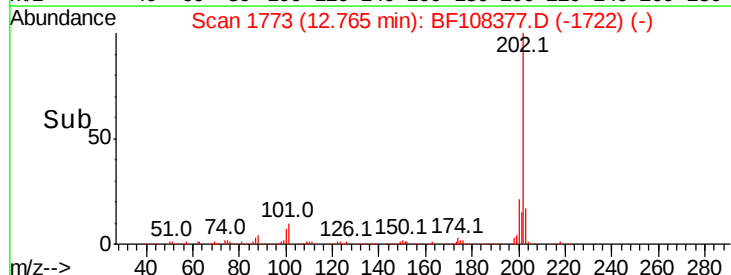
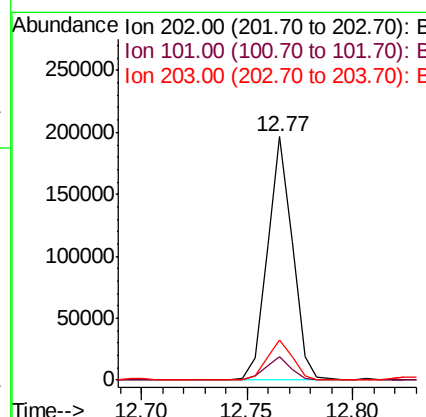
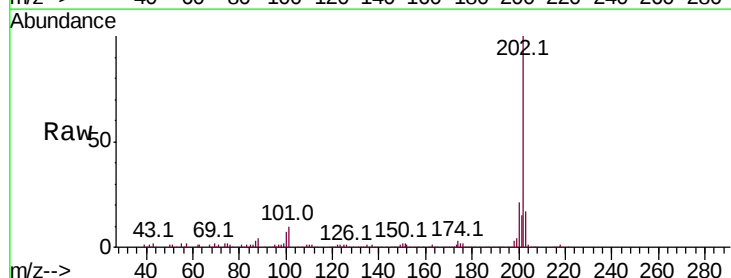
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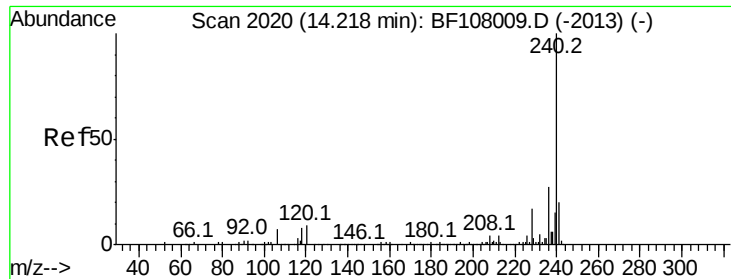
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#74
Fluoranthene
Concen: 8.341 ng
RT: 12.77 min Scan# 1773
Delta R.T. -0.00 min
Lab File: BF108377.D
Acq: 22 Aug 2018 9:58

Tgt Ion	Ratio	Lower	Upper
202	100		
101	9.6	0.0	34.1
203	16.7	0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.20 min Scan# 2017

Delta R.T. -0.00 min

Lab File: BF108377.D

Acq: 22 Aug 2018 9:58

Instrument :

BNA_F

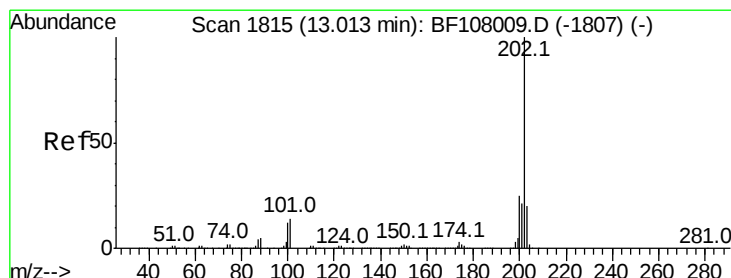
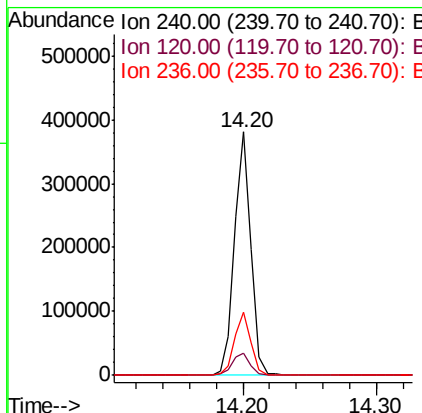
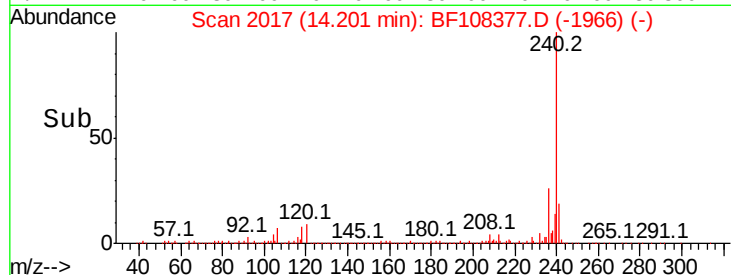
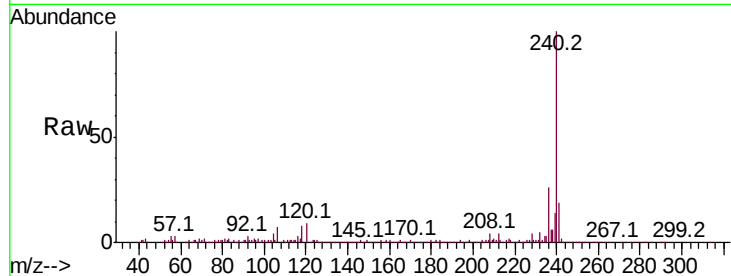
ClientSampleId :

SB-02-COMP

Tot Ion:	240	Resp:	327317
Ion Ratio	Lower	Upper	
240	100		
120	9.0	9.5	14.3#
236	25.7	20.7	31.1

Manual Integrations
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#77

Pyrene

Concen: 6.648 ng

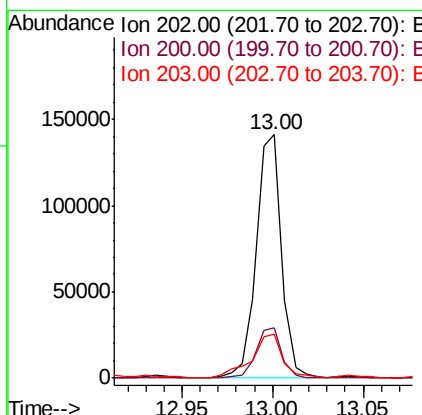
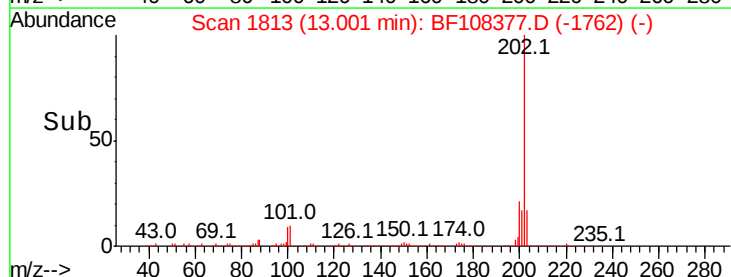
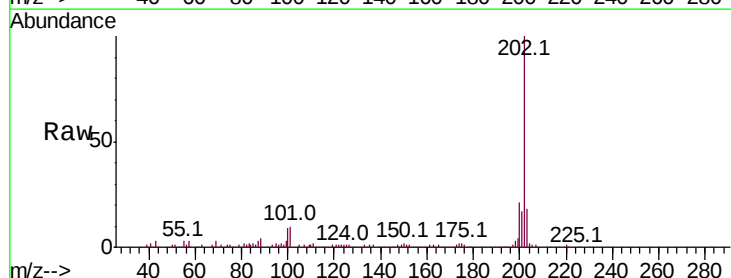
RT: 13.00 min Scan# 1813

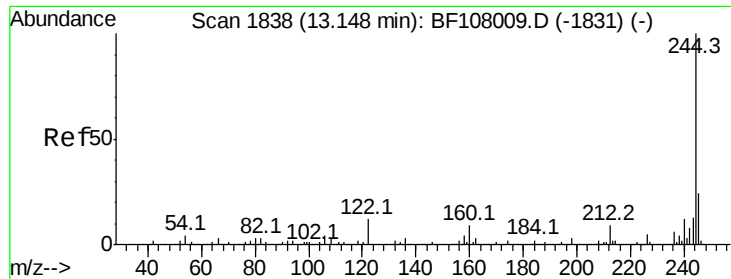
Delta R.T. -0.00 min

Lab File: BF108377.D

Acq: 22 Aug 2018 9:58

Tgt Ion:	202	Resp:	137770
Ion Ratio	Lower	Upper	
202	100		
200	20.8	17.4	26.2
203	18.1	14.3	21.5





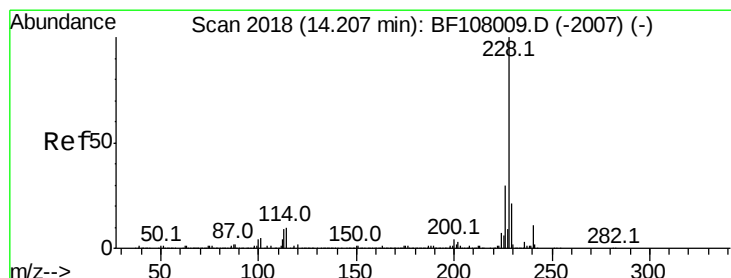
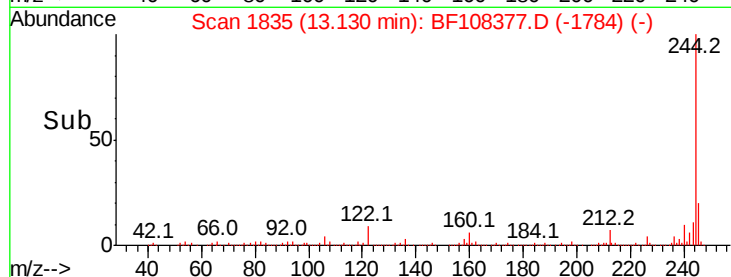
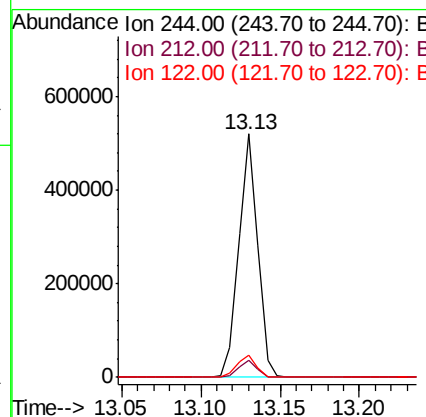
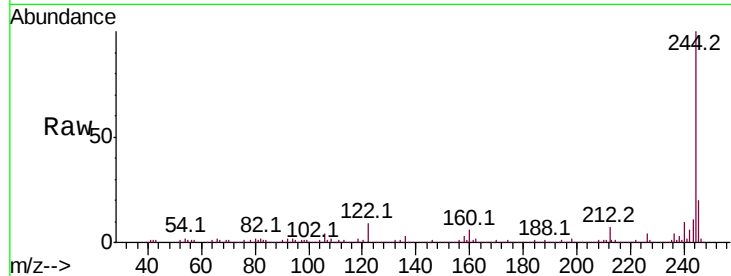
#78
 Terphenyl-d14
 Concen: 33.490 ng
 RT: 13.13 min Scan# 1835
 Delta R.T. -0.00 min
 Lab File: BF108377.D
 Acq: 22 Aug 2018 9:58

Instrument :
 BNA_F
 ClientSampleId :
 SB-02-COMP

Tot Ion	Ratio	Resp	Lower	Upper
244	100			
212	6.9	5.4	8.0	
122	9.3	11.0	16.4	

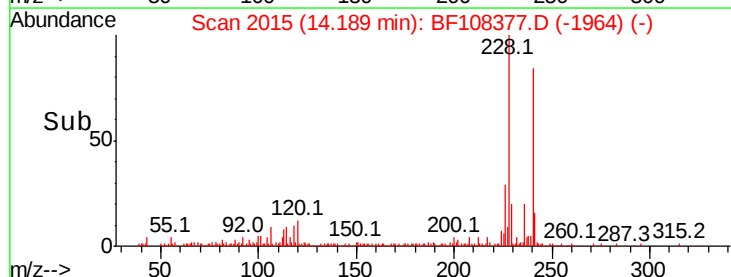
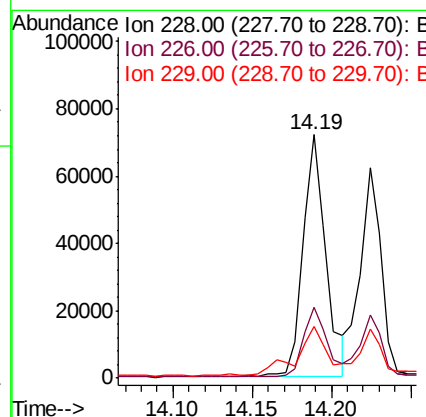
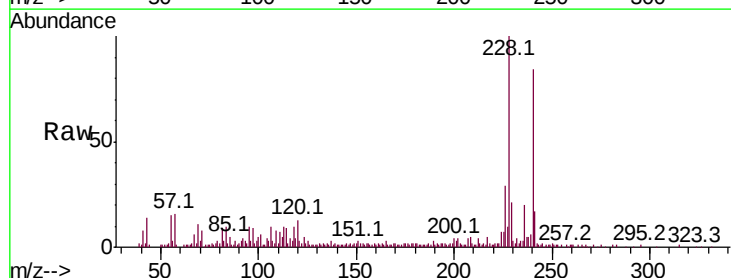
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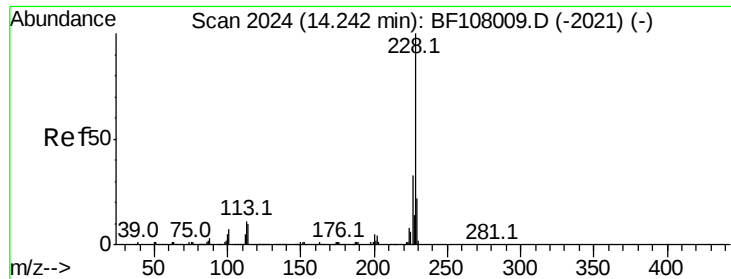
Sohil
 8/22/2018 4:03:39 PM



#80
 Benzo(a)anthracene
 Concen: 3.842 ng
 RT: 14.19 min Scan# 2015
 Delta R.T. -0.00 min
 Lab File: BF108377.D
 Acq: 22 Aug 2018 9:58

Tgt Ion	Ratio	Resp	Lower	Upper
228	100			
226	29.3	22.6	33.8	
229	21.3	15.8	23.6	





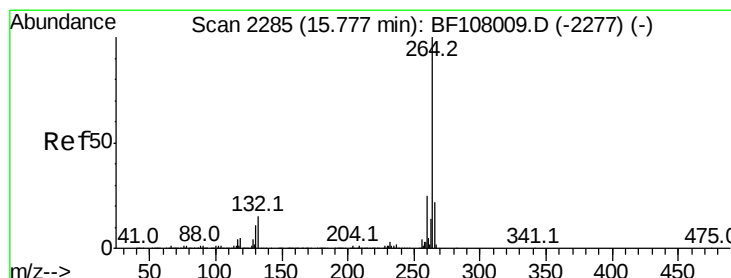
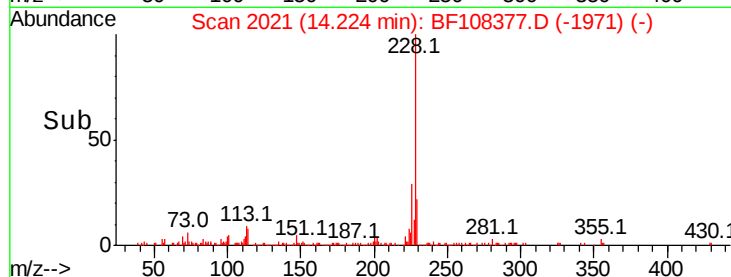
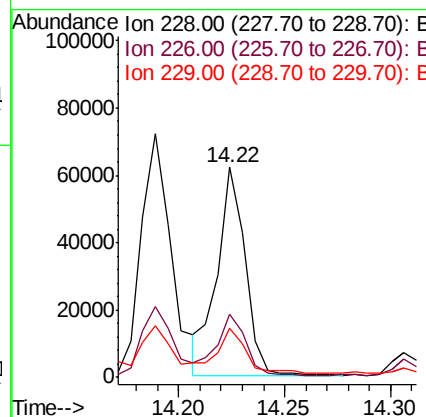
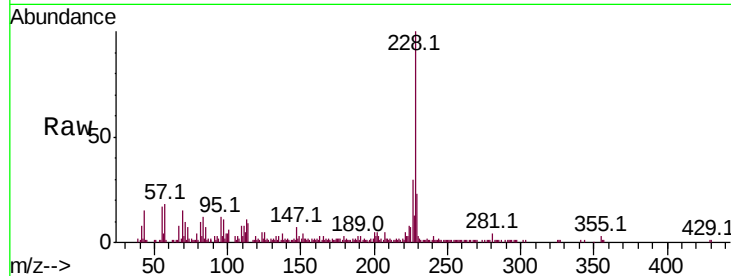
#82
 Chrvsene
 Concen: 3.384 ng
 RT: 14.22 min Scan# 2021
 Delta R.T. -0.01 min
 Lab File: BF108377.D
 Acq: 22 Aug 2018 9:58

Instrument :
 BNA_F
 ClientSampleId :
 SB-02-COMP

Tot Ion:	228	Resp:	58286
Ion Ratio	Lower	Upper	
228	100		
226	29.9	25.0	37.6
229	23.4	16.2	24.4

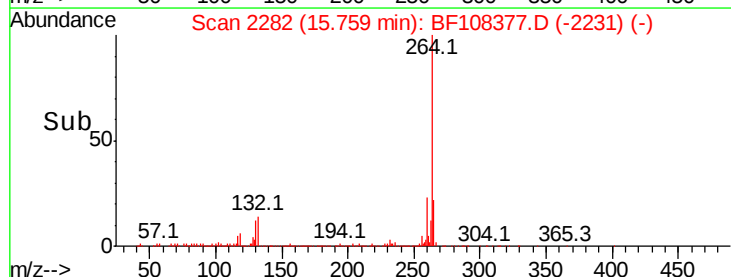
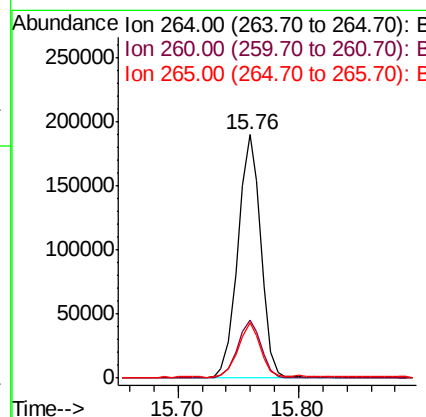
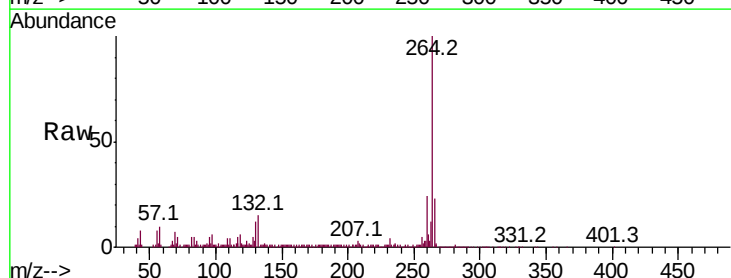
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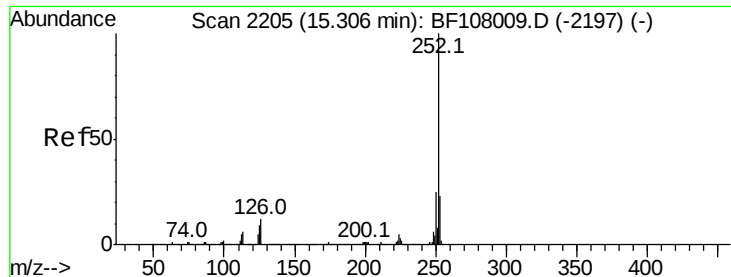
Sohil
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#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.76 min Scan# 2282
 Delta R.T. -0.00 min
 Lab File: BF108377.D
 Acq: 22 Aug 2018 9:58

Tgt Ion:	264	Resp:	249902
Ion Ratio	Lower	Upper	
264	100		
260	23.6	19.2	28.8
265	22.5	17.5	26.3





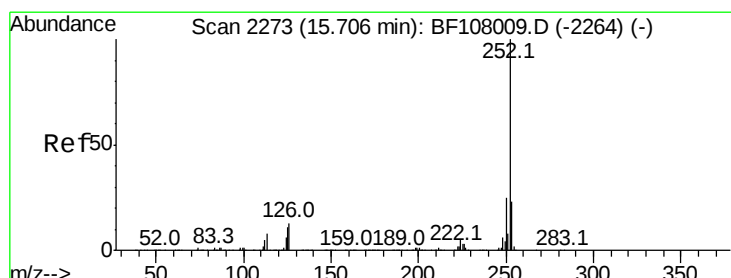
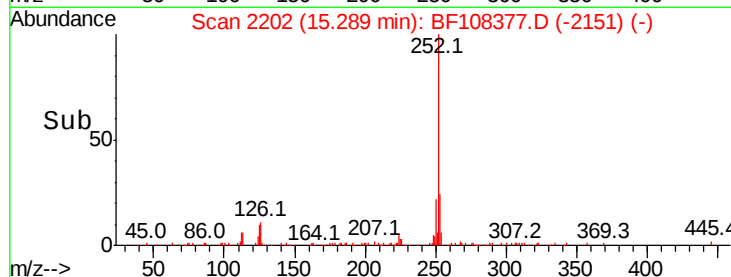
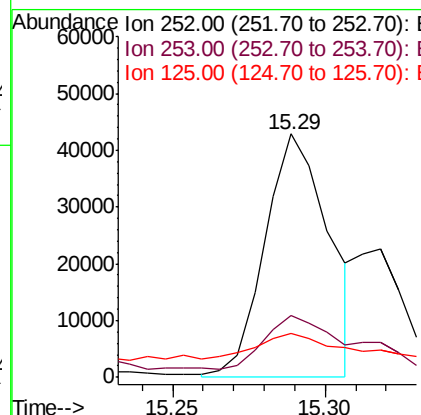
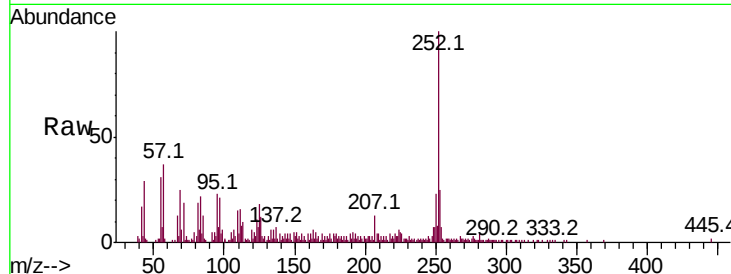
#87
Benzo(b)fluoranthene
Concen: 4.210 ng m
RT: 15.29 min Scan# 2202
Delta R.T. -0.00 min
Lab File: BF108377.D
Acq: 22 Aug 2018 9:58

Instrument :
BNA_F
ClientSampleId :
SB-02-COMP

Tot Ion	Ratio	Resp Lower	Upper
252	100		
253	25.5	17.0	25.6
125	18.1	9.0	13.6#

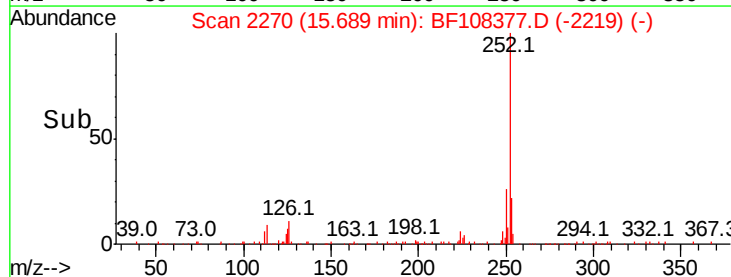
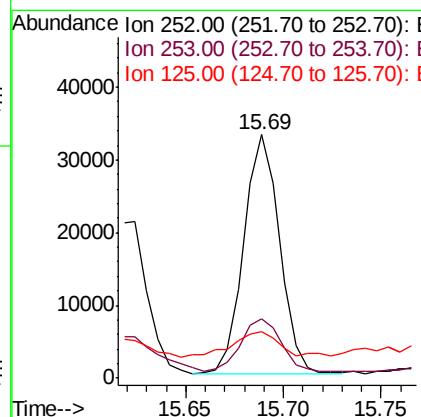
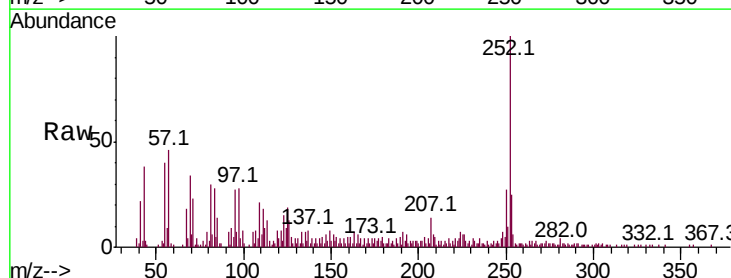
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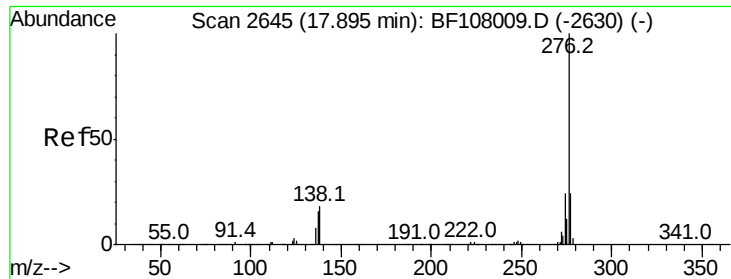
Sohil
8/22/2018 4:03:39 PM



#89
Benzo(a)pyrene
Concen: 3.148 ng
RT: 15.69 min Scan# 2270
Delta R.T. -0.00 min
Lab File: BF108377.D
Acq: 22 Aug 2018 9:58

Tgt Ion	Ratio	Resp Lower	Upper
252	100		
253	24.5	17.1	25.7
125	19.0	9.8	14.6#





#91
 Benzo(a,h,i)perylene
 Concen: 2.099 ng
 RT: 17.87 min Scan# 2640
 Delta R.T. -0.00 min
 Lab File: BF108377.D
 Acq: 22 Aug 2018 9:58

Instrument :
 BNA_F
 ClientSampleId :
 SB-02-COMP

Tot Ion	Ratio	Lower	Upper
276	100		
277	29.3	17.9	26.9#
138	20.8	21.8	32.8#

Manual Integrations
 APPROVED

Sohil
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