

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082218\
 Data File : BF108417.D
 Acq On : 23 Aug 2018 8:29
 Operator : JU/SJ
 Sample : J4555-03
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-01-COMP

Manual Integrations
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 8/23/2018 3:43:47 PM

Quant Time: Aug 23 09:04:56 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	7.00	152	176445	20.00	ng	0.00
21) Naphthalene-d8	8.28	136	653527	20.00	ng	0.00
38) Acenaphthene-d10	10.04	164	297347	20.00	ng	-0.01
63) Phenanthrene-d10	11.54	188	477945	20.00	ng	0.00
75) Chrysene-d12	14.19	240	334796	20.00	ng	-0.01
86) Perylene-d12	15.75	264	277658	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	938299	96.28	ng	0.00
7) Phenol-d6	6.62	99	1252427	96.71	ng	0.00
23) Nitrobenzene-d5	7.57	82	810630	69.22	ng	0.00
41) 2,4,6-Tribromophenol	10.84	330	251994	84.96	ng	-0.01
44) 2-Fluorobiphenyl	9.36	172	1306587	70.55	ng	0.00
78) Terphenyl-d14	13.12	244	923755	70.15	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.75	163	178408	8.613	ng	98
70) Phenanthrene	11.56	178	55313	2.454	ng	97
74) Fluoranthene	12.76	202	95962	3.900	ng	92
77) Pyrene	12.99	202	86368	4.075	ng	99
80) Benzo(a)anthracene	14.18	228	48355	2.517	ng	98
82) Chrysene	14.22	228	43493	2.469	ng	98
87) Benzo(b)fluoranthene	15.28	252	49774m	3.000	ng	
88) Benzo(k)fluoranthene	15.28	252	68283	4.477	ng	96
89) Benzo(a)pyrene	15.68	252	34104	2.295	ng	95

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

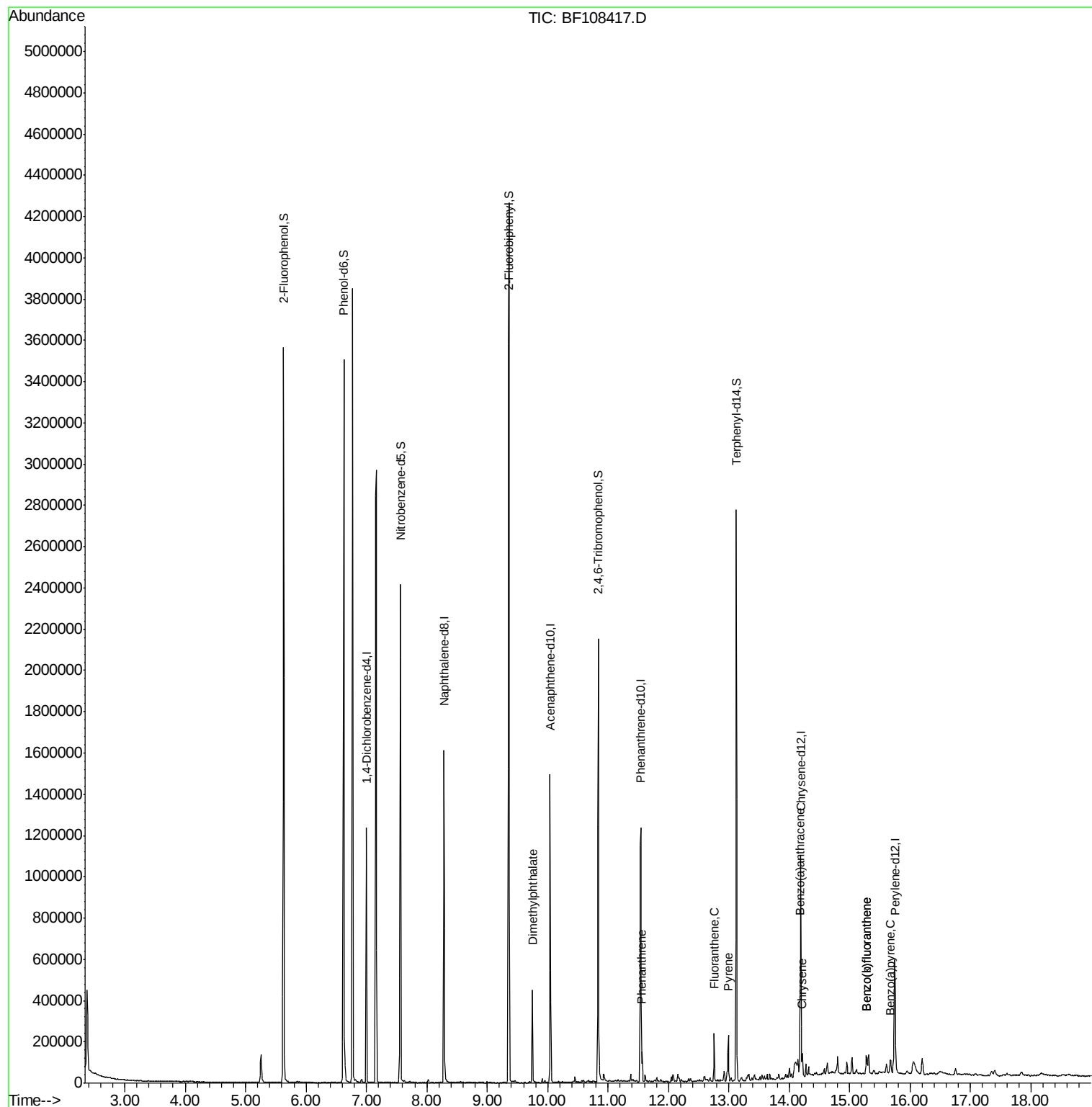
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082218\
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#1

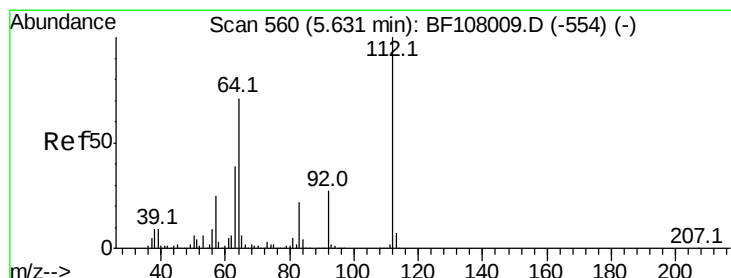
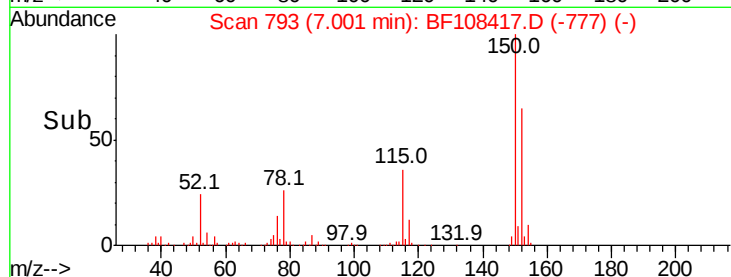
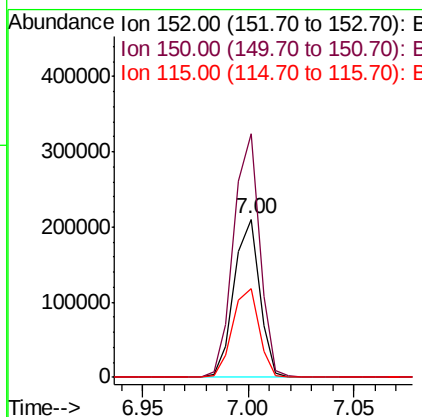
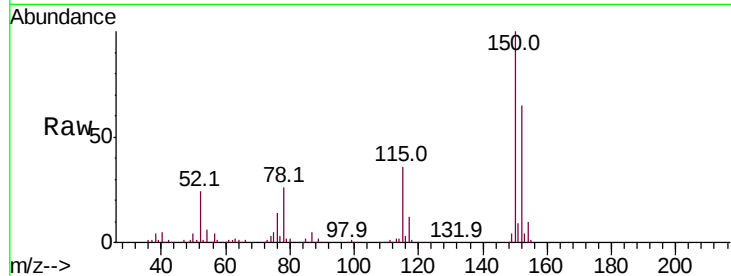
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.00 min Scan# 793
Delta R.T. -0.01 min
Lab File: BF108417.D
Acq: 23 Aug 2018 8:29

Instrument :
BNA_F
ClientSampleId :
SB-01-COMP

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.6	124.6	186.8
115	55.8	50.1	75.1

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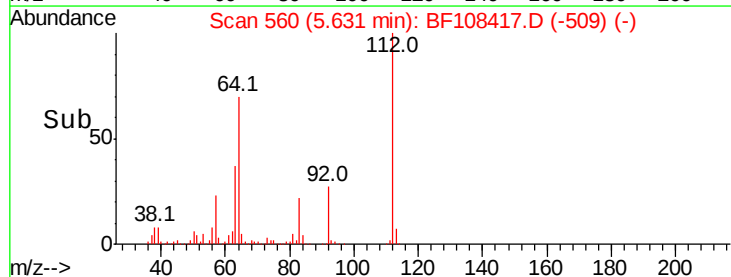
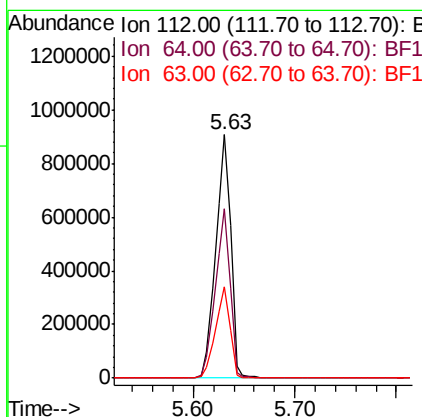
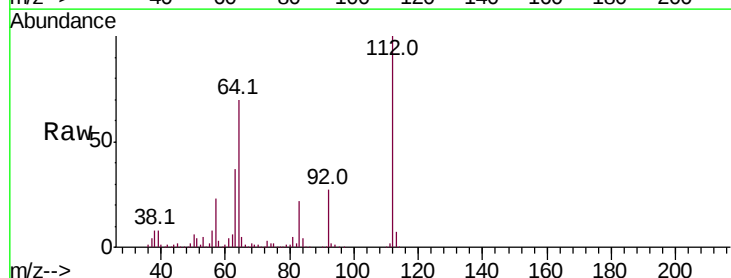
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#5

2-Fluorophenol
Concen: 96.276 ng
RT: 5.63 min Scan# 560
Delta R.T. -0.00 min
Lab File: BF108417.D
Acq: 23 Aug 2018 8:29

Tgt Ion	Ratio	Lower	Upper
112	100		
64	69.8	47.9	71.9
63	37.3	23.7	35.5#





#7

Phenol-d6

Concen: 96.705 ng

RT: 6.62 min Scan# 729

Delta R.T. -0.01 min

Lab File: BF108417.D

Acq: 23 Aug 2018 8:29

Instrument :

BNA_F

ClientSampleId :

SB-01-COMP

Tot Ion: 99 Resp: 1252427

Ion Ratio Lower Upper

99 100

42 22.6 14.5 21.7#

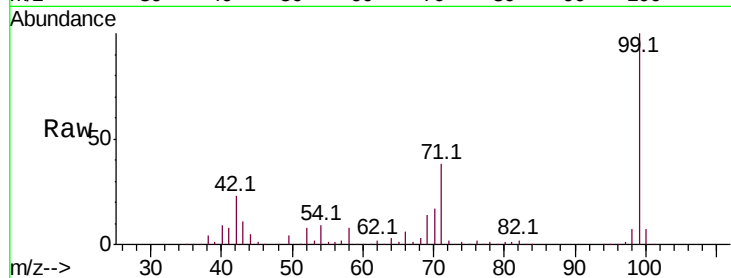
71 37.9 25.4 38.0

Manual Integrations

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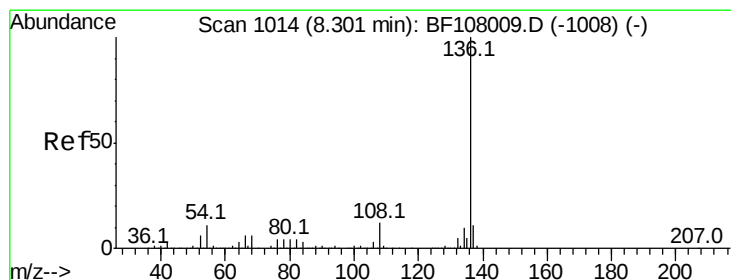
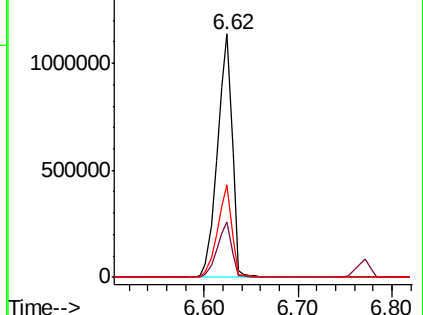
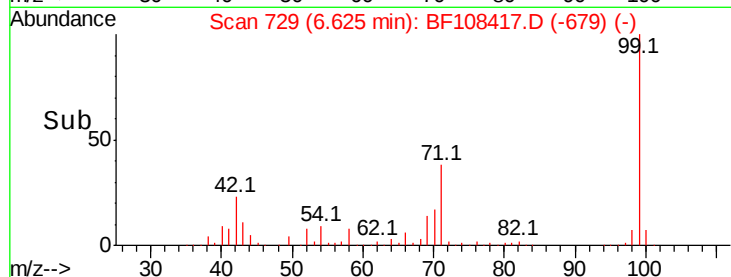
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Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.28 min Scan# 1011

Delta R.T. -0.01 min

Lab File: BF108417.D

Acq: 23 Aug 2018 8:29

Tgt Ion: 136 Resp: 653527

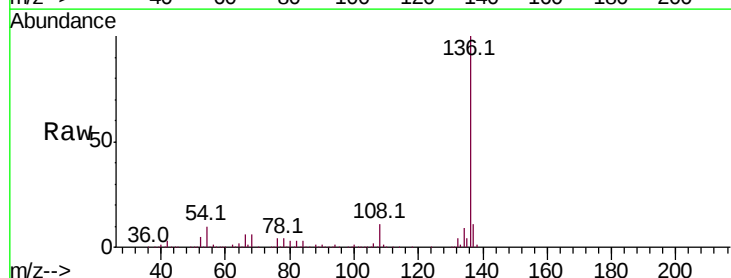
Ion Ratio Lower Upper

136 100

137 11.0 8.9 13.3

54 9.8 6.6 9.8

68 5.6 5.0 7.4

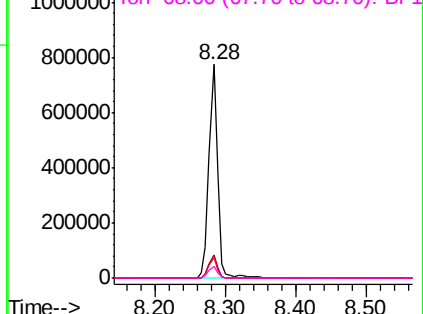
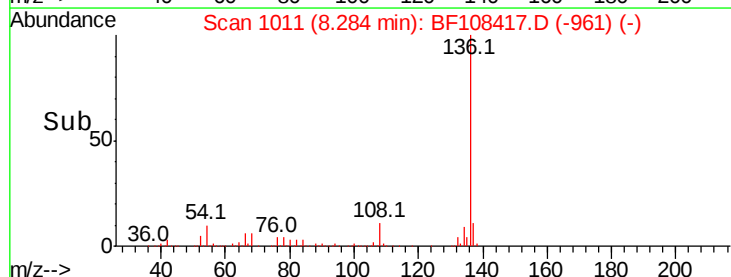


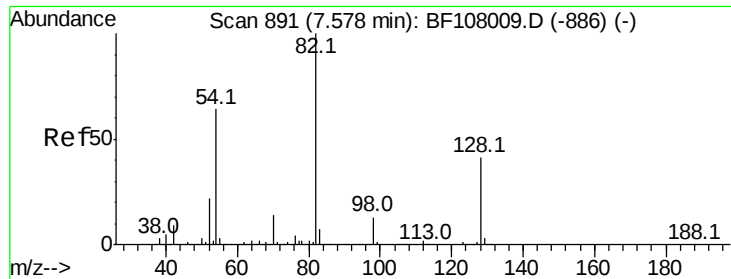
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1





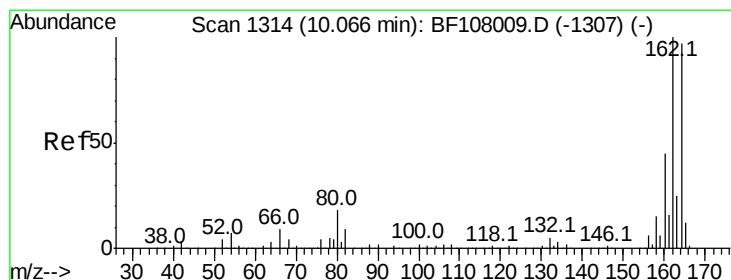
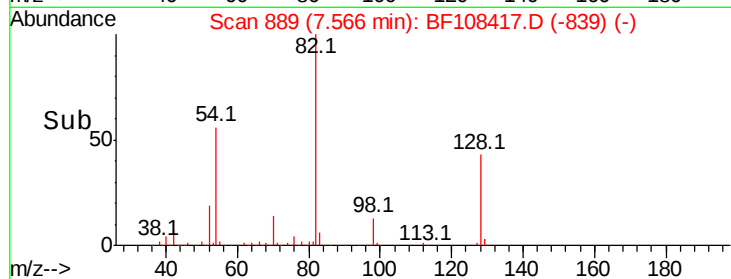
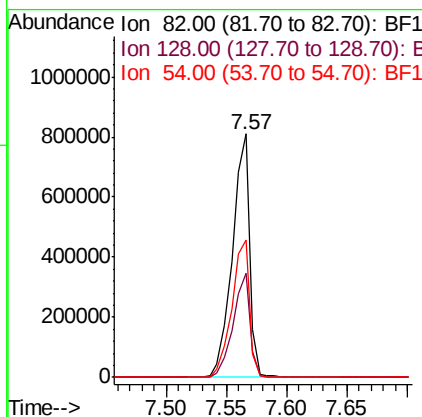
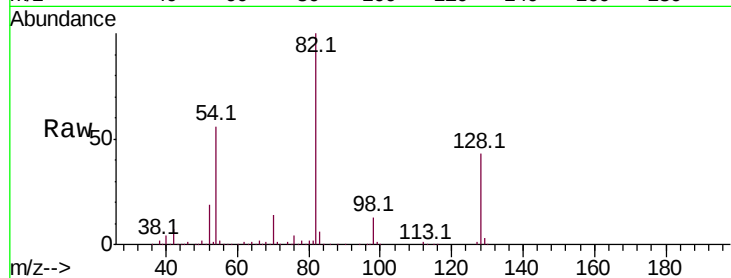
#23
 Nitrobenzene-d5
 Concen: 69.216 ng
 RT: 7.57 min Scan# 889
 Delta R.T. -0.01 min
 Lab File: BF108417.D
 Acq: 23 Aug 2018 8:29

Instrument :
 BNA_F
 ClientSampleId :
 SB-01-COMP

Tot Ion	Ratio	Lower	Upper
82	100		
128	42.9	36.1	54.1
54	56.2	41.4	62.2

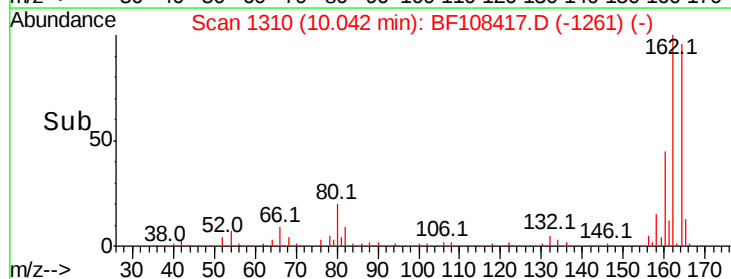
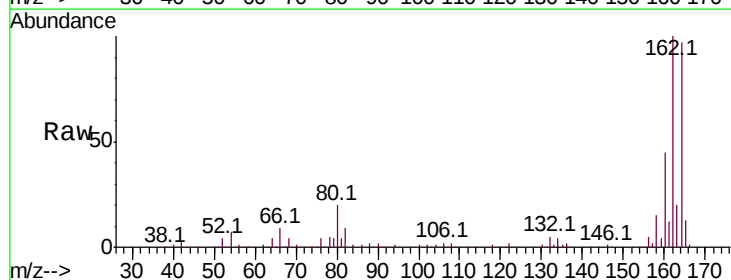
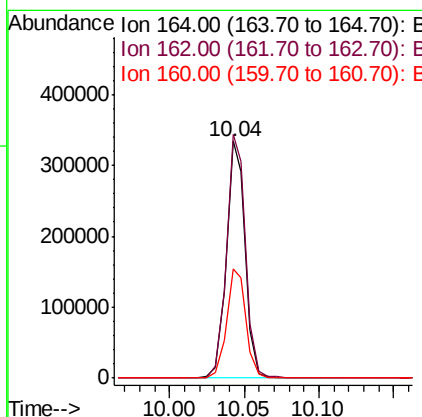
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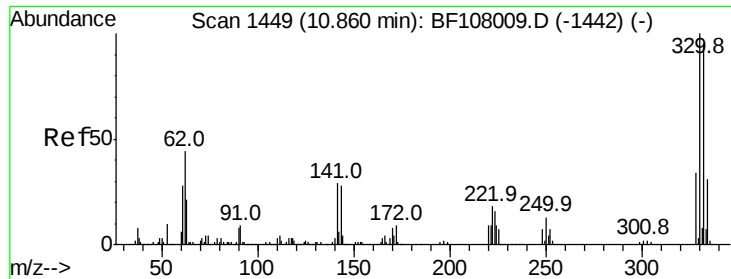
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#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.04 min Scan# 1310
 Delta R.T. -0.01 min
 Lab File: BF108417.D
 Acq: 23 Aug 2018 8:29

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.7	86.1	129.1
160	46.1	38.3	57.5





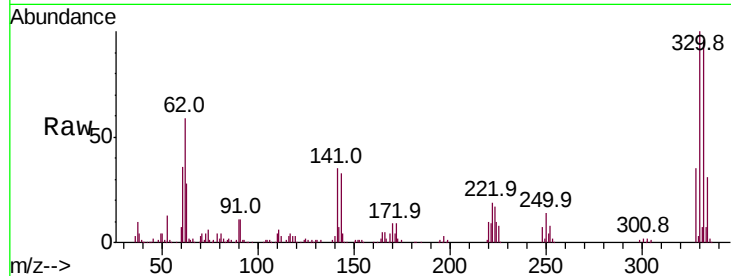
#41
 2,4,6-Tribromophenol
 Concen: 84.962 ng
 RT: 10.84 min Scan# 1445
 Delta R.T. -0.01 min
 Lab File: BF108417.D
 Acq: 23 Aug 2018 8:29

Instrument :
 BNA_F
 ClientSampleId :
 SB-01-COMP

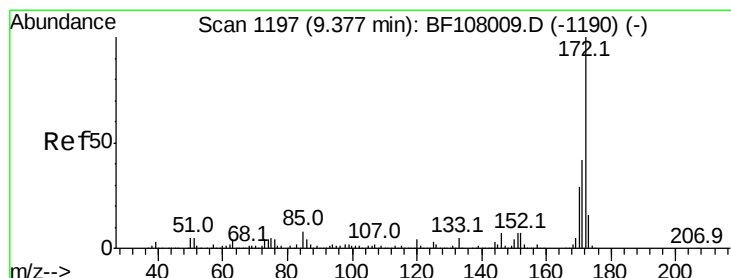
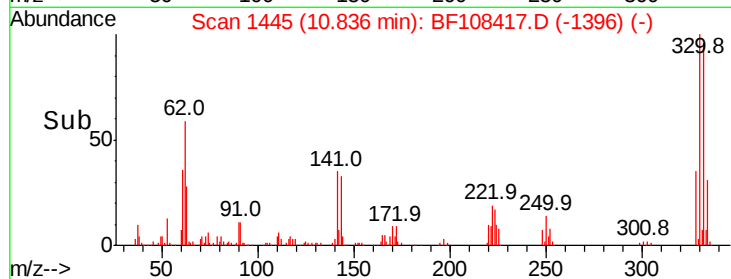
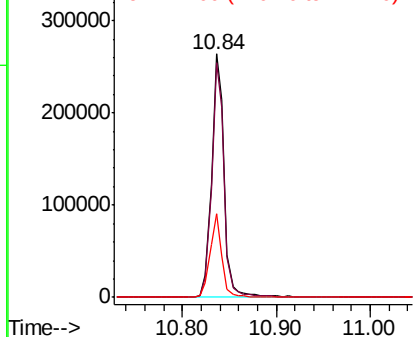
Tot Ion	Ratio	Resp	Lower	Upper
330	100	251994		
332	95.4	77.0	115.6	
141	32.2	29.9	44.9	

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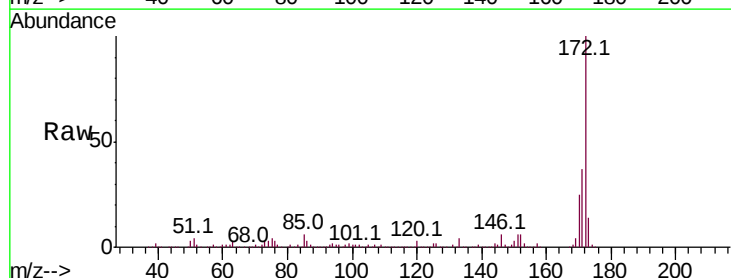


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

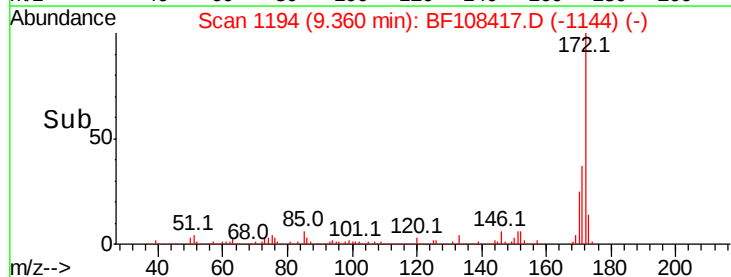
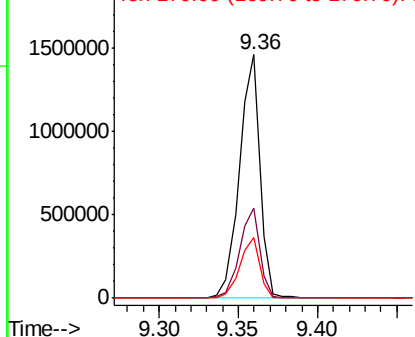


#44
 2-Fluorobiphenyl
 Concen: 70.547 ng
 RT: 9.36 min Scan# 1194
 Delta R.T. -0.01 min
 Lab File: BF108417.D
 Acq: 23 Aug 2018 8:29

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1306587		
171	37.2	29.7	44.5	
170	25.1	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





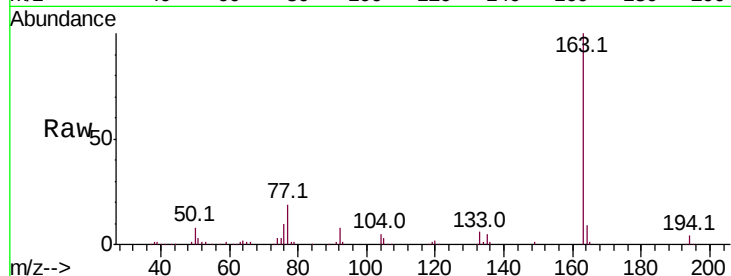
#49
Dimethylphthalate
Concen: 8.613 ng
RT: 9.75 min Scan# 1260
Delta R.T. -0.02 min
Lab File: BF108417.D
Acq: 23 Aug 2018 8:29

Instrument :
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ClientSampleId :
SB-01-COMP

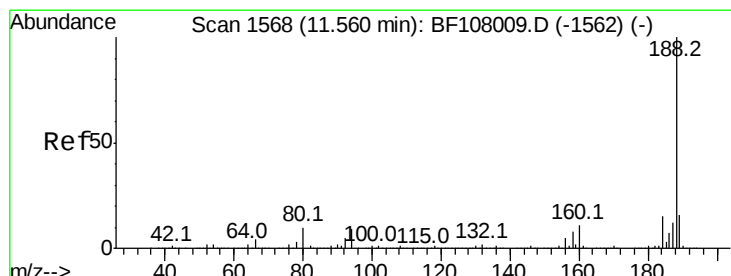
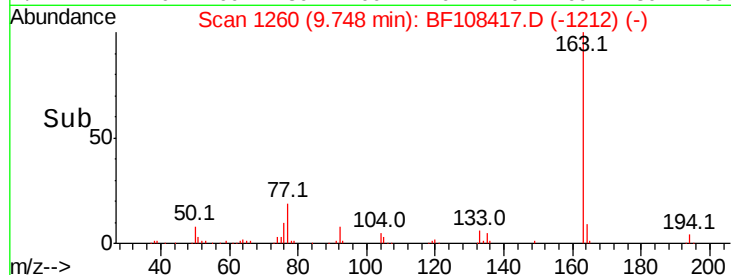
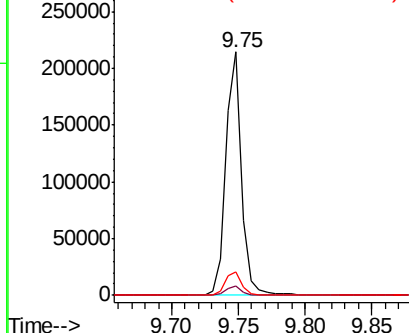
Tot Ion	Ratio	Resp	Lower	Upper
163	100	178408		
194	4.0		2.7	4.1
164	9.5		8.2	12.2

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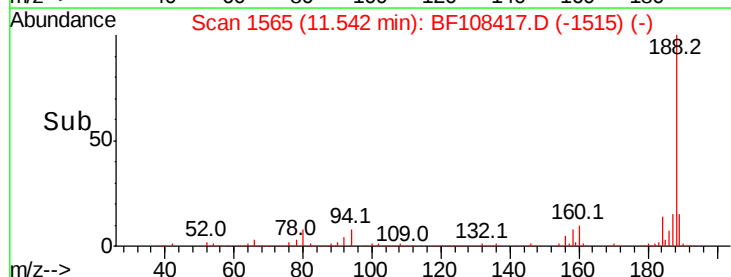
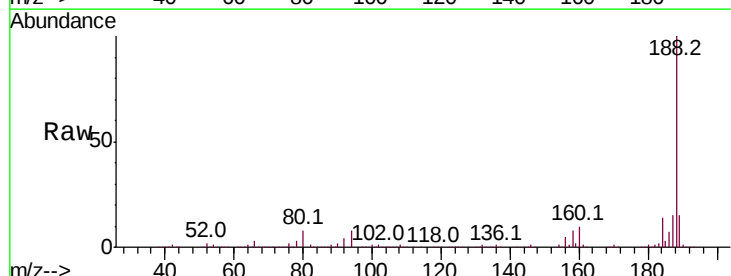
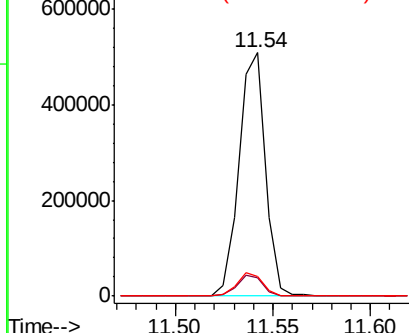
Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

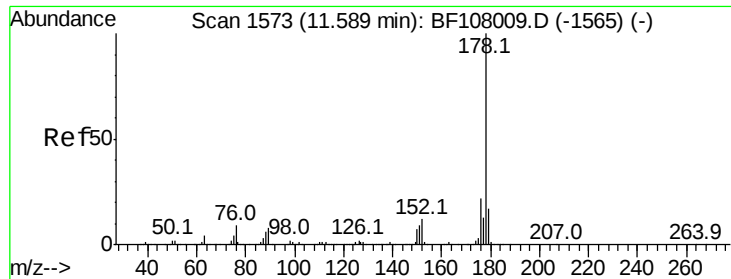


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.54 min Scan# 1565
Delta R.T. -0.01 min
Lab File: BF108417.D
Acq: 23 Aug 2018 8:29

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	477945		
94	7.7		8.5	12.7#
80	8.3		9.2	13.8#

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





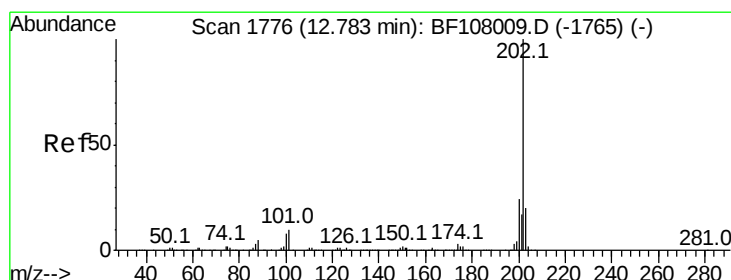
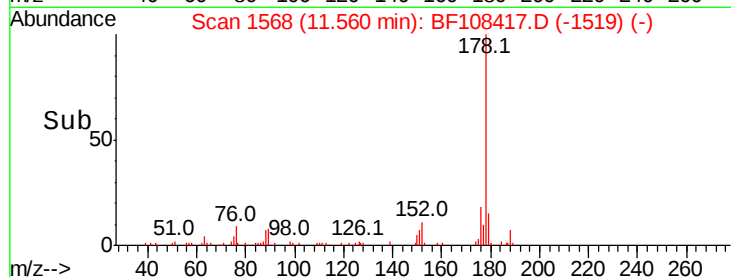
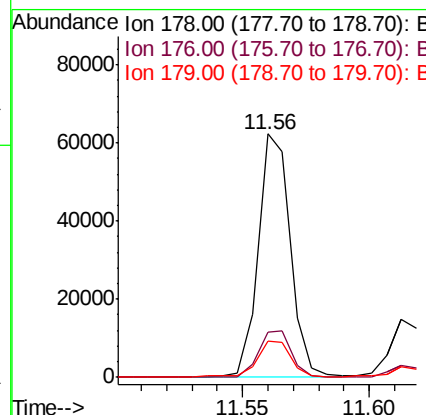
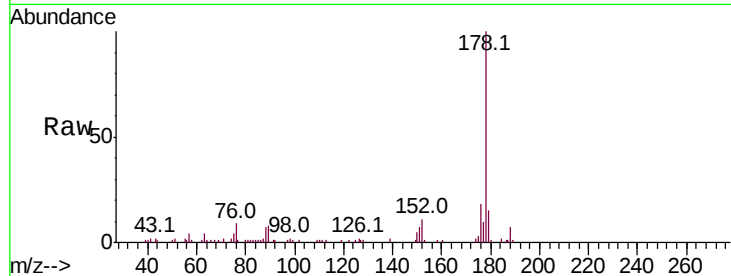
#70
Phenanthrene
Concen: 2.454 ng
RT: 11.56 min Scan# 1568
Delta R.T. -0.01 min
Lab File: BF108417.D
Acq: 23 Aug 2018 8:29

Instrument :
BNA_F
ClientSampleId :
SB-01-COMP

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.4	15.8	23.8
179	15.0	13.0	19.6

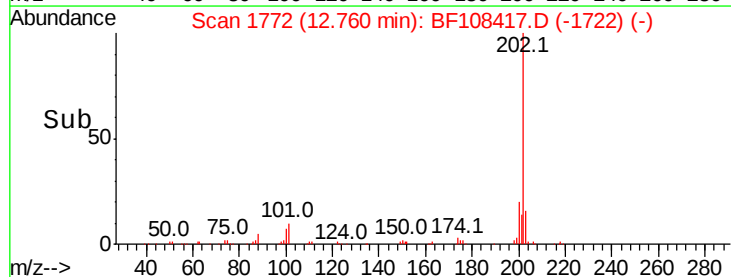
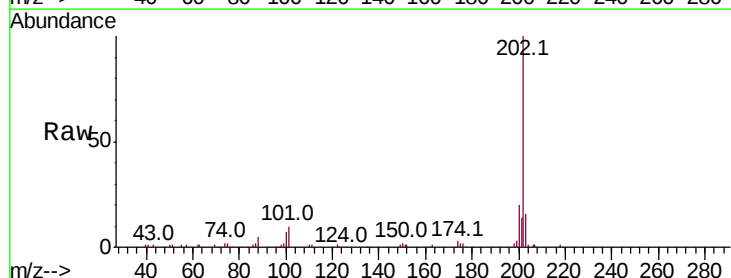
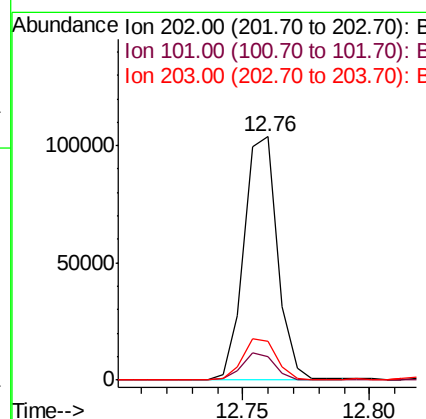
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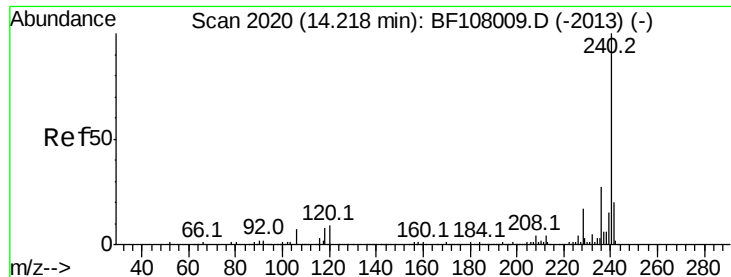
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#74
Fluoranthene
Concen: 3.900 ng
RT: 12.76 min Scan# 1772
Delta R.T. -0.01 min
Lab File: BF108417.D
Acq: 23 Aug 2018 8:29

Tgt Ion	Ratio	Lower	Upper
202	100		
101	9.5	0.0	34.1
203	15.9	0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.19 min Scan# 2015

Delta R.T. -0.01 min

Lab File: BF108417.D

Acq: 23 Aug 2018 8:29

Instrument :

BNA_F

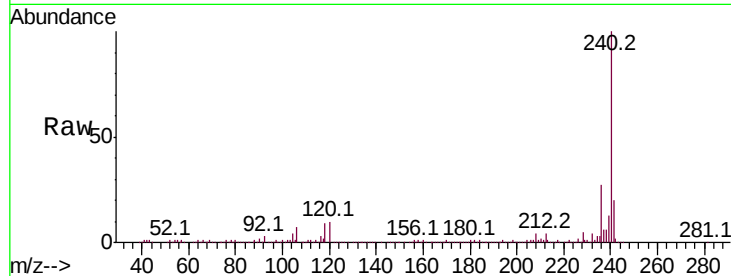
ClientSampleId :

SB-01-COMP

Tot Ion	Ratio	Resp Lower	Upper
240	100		
120	9.8	9.5	14.3
236	26.7	20.7	31.1

Manual Integrations
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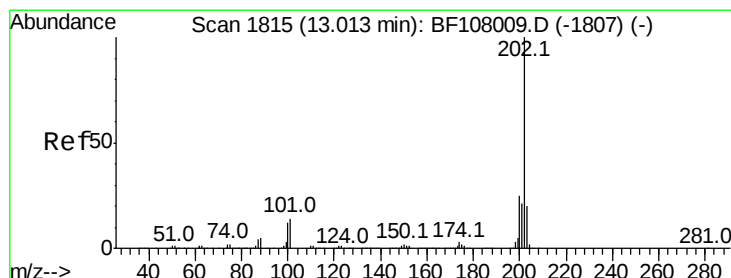
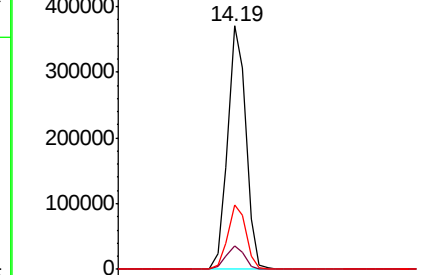
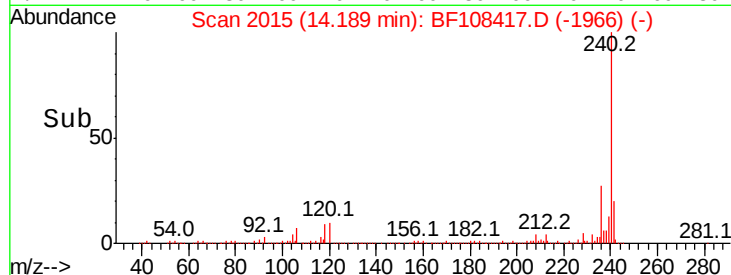


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

14.19



#77

Pyrene

Concen: 4.075 ng

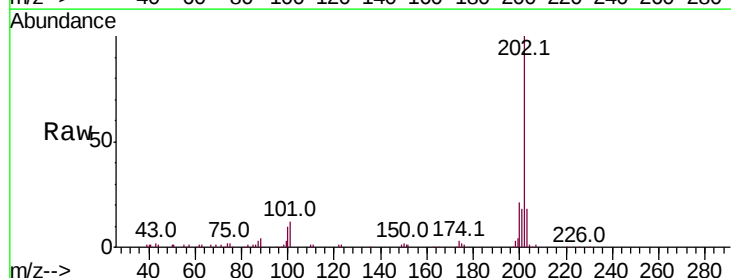
RT: 12.99 min Scan# 1811

Delta R.T. -0.01 min

Lab File: BF108417.D

Acq: 23 Aug 2018 8:29

Tgt Ion	Ratio	Resp Lower	Upper
202	100		
200	20.8	17.4	26.2
203	17.7	14.3	21.5

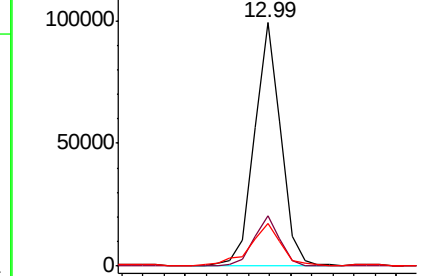
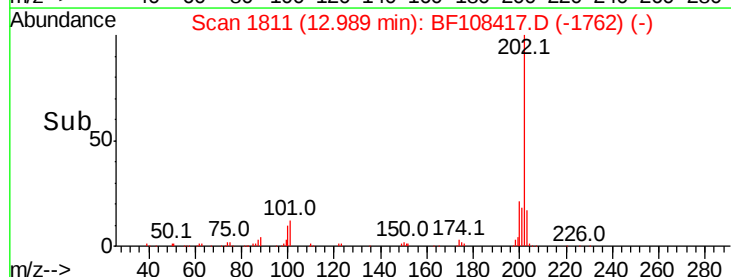


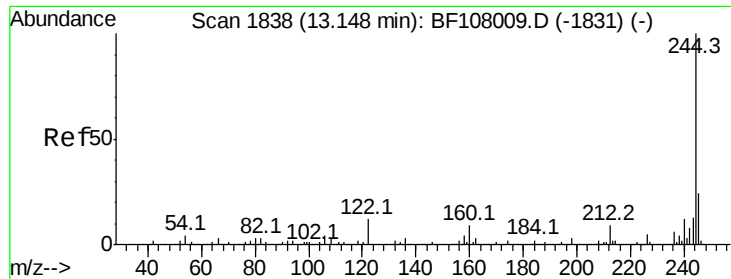
Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

12.99





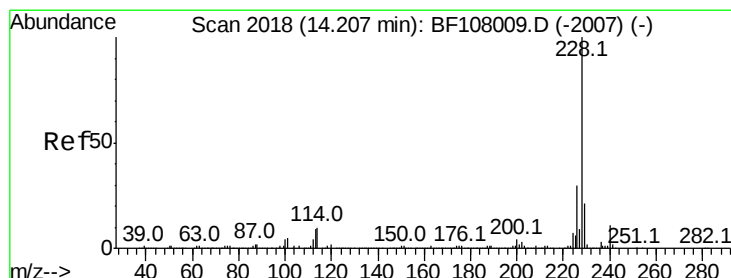
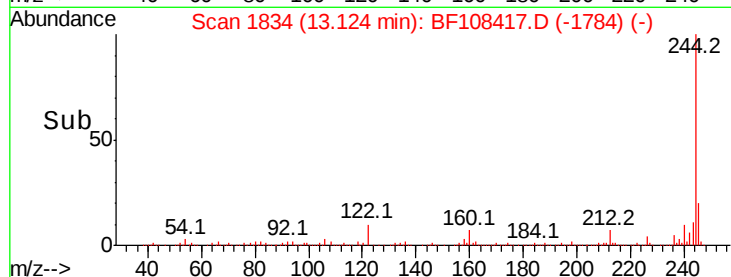
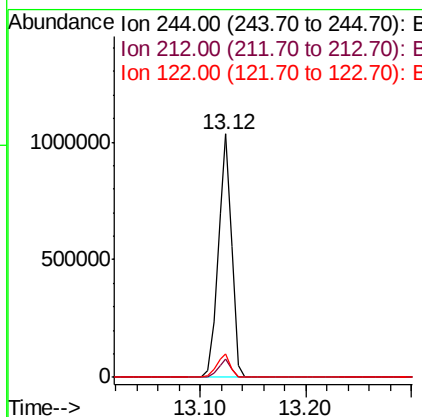
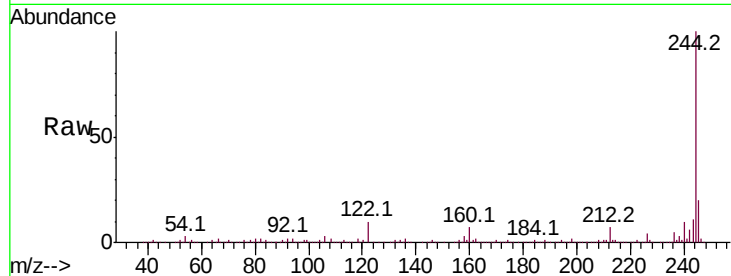
#78
 Terphenyl-d14
 Concen: 70.153 ng
 RT: 13.12 min Scan# 1834
 Delta R.T. -0.01 min
 Lab File: BF108417.D
 Acq: 23 Aug 2018 8:29

Instrument :
 BNA_F
 ClientSampled :
 SB-01-COMP

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.3	5.4	8.0
122	9.8	11.0	16.4

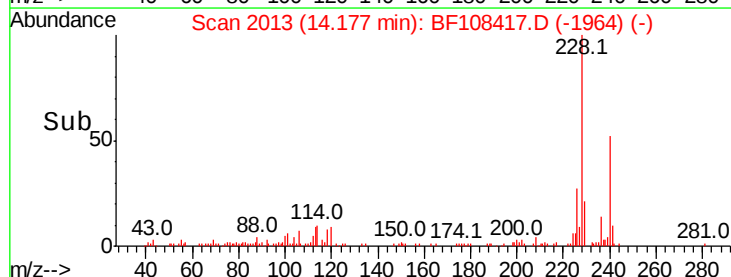
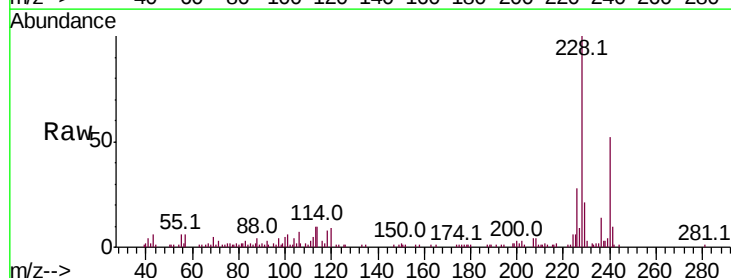
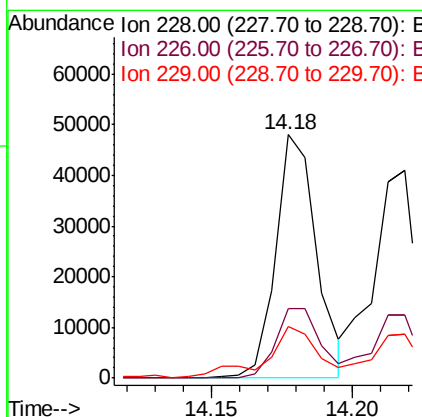
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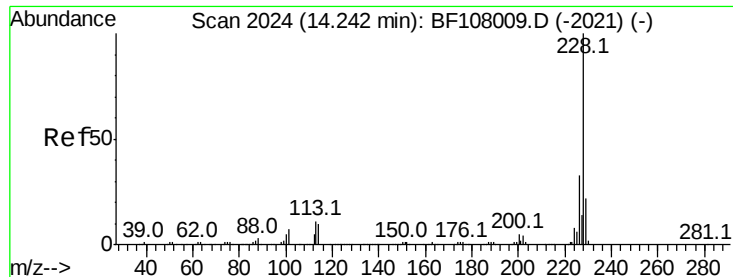
Sohil
 8/23/2018 3:43:47 PM



#80
 Benzo(a)anthracene
 Concen: 2.517 ng
 RT: 14.18 min Scan# 2013
 Delta R.T. -0.01 min
 Lab File: BF108417.D
 Acq: 23 Aug 2018 8:29

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.3	22.6	33.8
229	21.4	15.8	23.6





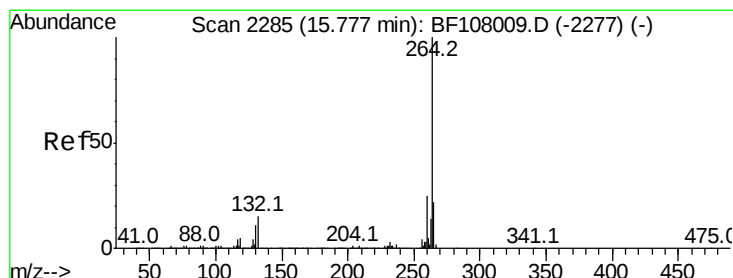
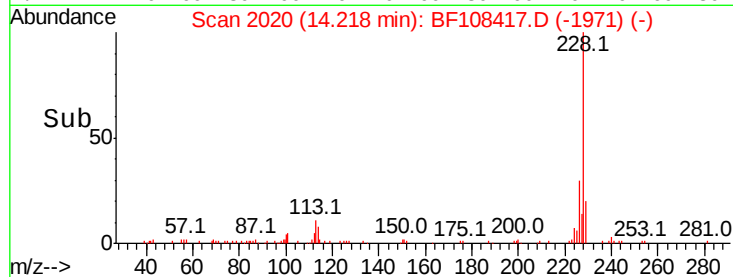
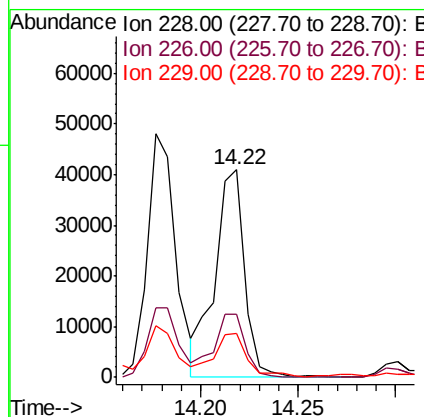
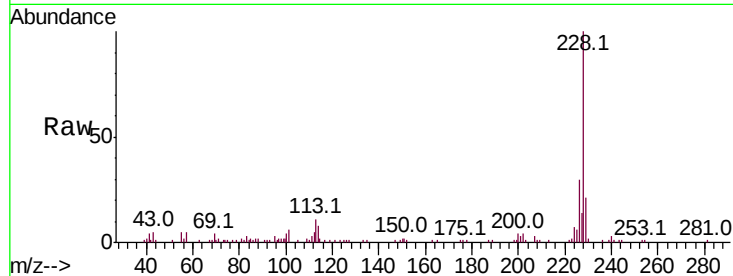
#82
Chrysene
Concen: 2.469 ng
RT: 14.22 min Scan# 2020
Delta R.T. -0.01 min
Lab File: BF108417.D
Acq: 23 Aug 2018 8:29

Instrument :
BNA_F
ClientSampleId :
SB-01-COMP

Tot Ion:	228	Resp:	43493
Ion Ratio	Lower	Upper	
228	100		
226	30.5	25.0	37.6
229	21.4	16.2	24.4

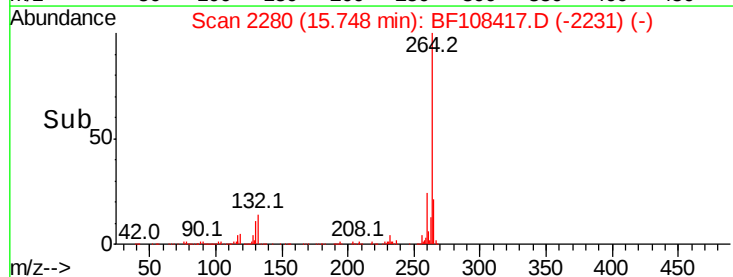
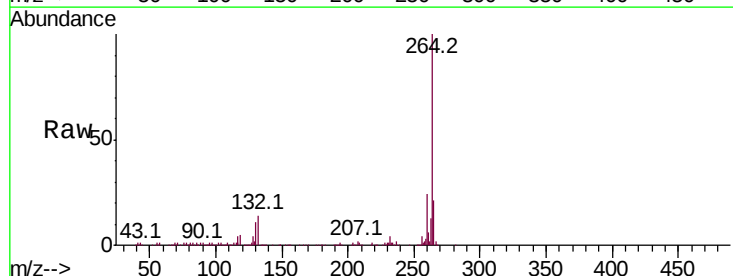
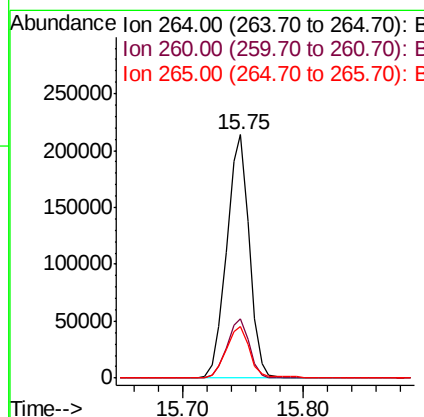
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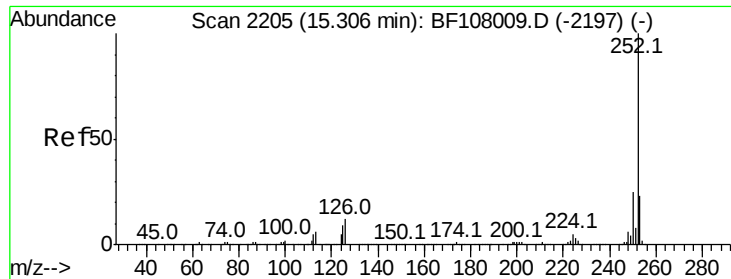
Sohil
8/23/2018 3:43:47 PM



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.75 min Scan# 2280
Delta R.T. -0.01 min
Lab File: BF108417.D
Acq: 23 Aug 2018 8:29

Tgt Ion:	264	Resp:	277658
Ion Ratio	Lower	Upper	
264	100		
260	24.2	19.2	28.8
265	21.2	17.5	26.3





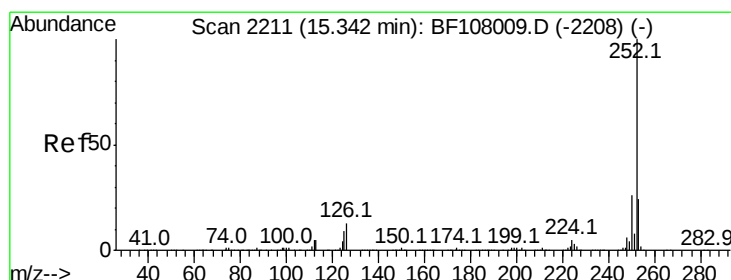
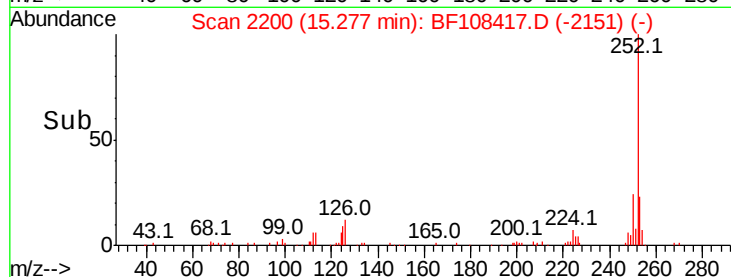
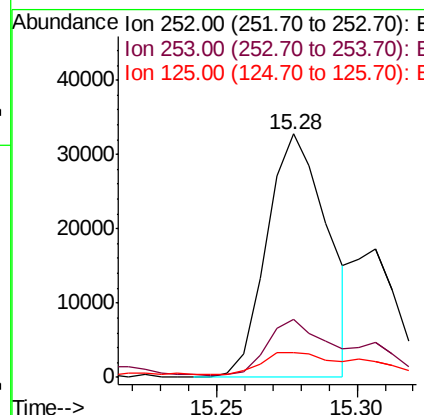
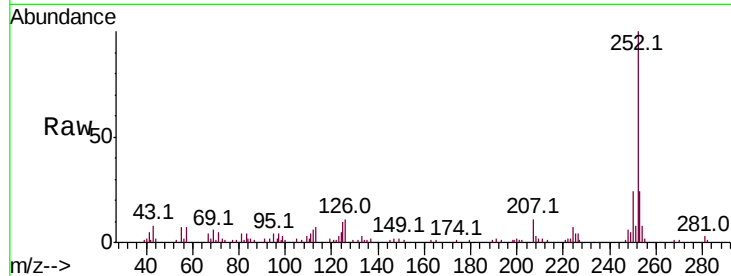
#87
Benzo(b)fluoranthene
Concen: 3.000 ng m
RT: 15.28 min Scan# 2200
Delta R.T. -0.01 min
Lab File: BF108417.D
Acq: 23 Aug 2018 8:29

Instrument :
BNA_F
ClientSampleId :
SB-01-COMP

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.6	17.0	25.6
125	10.4	9.0	13.6

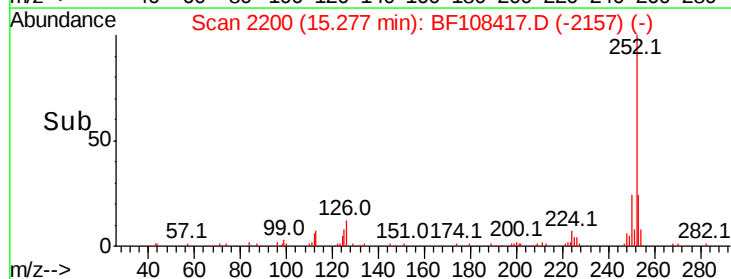
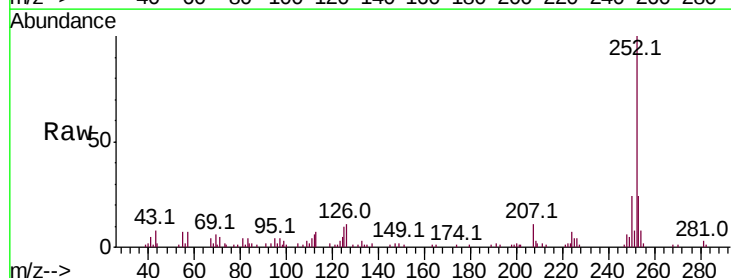
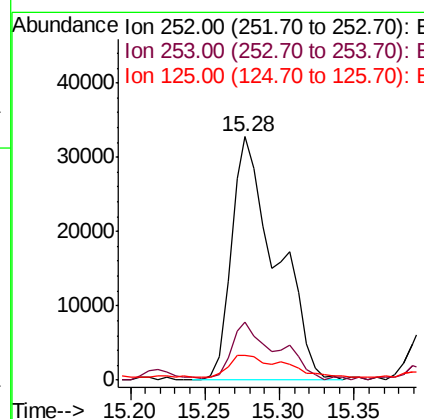
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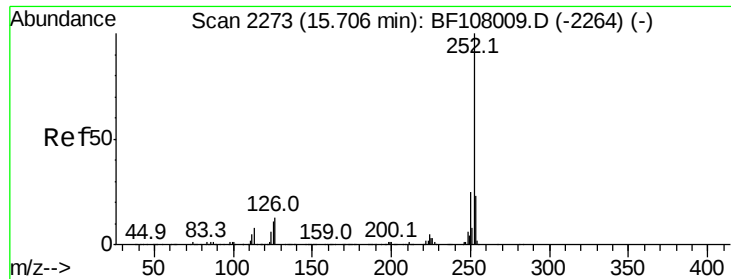
Sohil
8/23/2018 3:43:47 PM



#88
Benzo(k)fluoranthene
Concen: 4.477 ng
RT: 15.28 min Scan# 2200
Delta R.T. -0.05 min
Lab File: BF108417.D
Acq: 23 Aug 2018 8:29

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.6	17.9	26.9
125	10.4	10.2	15.2





#89
 Benzo(a)pyrene
 Concen: 2.295 ng
 RT: 15.68 min Scan# 2268
 Delta R.T. -0.01 min
 Lab File: BF108417.D
 Acq: 23 Aug 2018 8:29

Instrument :
 BNA_F
 ClientSampleId :
 SB-01-COMP

Tot Ion:	252	Resp:	34104
Ion Ratio	Lower	Upper	
252	100		
253	24.3	17.1	25.7
125	10.8	9.8	14.6

Manual Integrations
 APPROVED

Sohil
 8/23/2018 3:43:47 PM

