

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF081018\
 Data File : BF108088.D
 Acq On : 10 Aug 2018 17:10
 Operator : JU/SJ
 Sample : J4272-05 2X
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 JC-03-080918-C

Manual Integrations
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 8/13/2018 3:51:59 PM

Quant Time: Aug 10 18:18:04 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 08 12:24:24 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.02	152	283465	20.00	ng	0.00
21) Naphthalene-d8	8.30	136	1013867	20.00	ng	0.00
38) Acenaphthene-d10	10.07	164	457508	20.00	ng	0.00
63) Phenanthrene-d10	11.56	188	753532	20.00	ng	0.00
75) Chrysene-d12	14.22	240	671586	20.00	ng	0.00
86) Perylene-d12	15.79	264	586316	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	730816	46.68	ng	0.00
7) Phenol-d6	6.62	99	968961	46.57	ng	0.00
23) Nitrobenzene-d5	7.57	82	612978	33.74	ng	0.00
41) 2,4,6-Tribromophenol	10.85	330	191789	42.03	ng	0.00
44) 2-Fluorobiphenyl	9.37	172	947846	33.26	ng	0.00
78) Terphenyl-d14	13.15	244	833265	31.55	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.77	163	95459	2.995	ng	Qvalue # 99
51) Acenaphthene	10.10	154	57677	2.234	ng	99
57) Fluorene	10.61	166	112818	3.810	ng	100
70) Phenanthrene	11.58	178	898310	25.275	ng	99
71) Anthracene	11.64	178	270831	7.435	ng	99
74) Fluoranthene	12.78	202	1207246	31.123	ng	96
77) Pyrene	13.02	202	1131699	26.617	ng	99
80) Benzo(a)anthracene	14.21	228	602296	15.627	ng	97
82) Chrysene	14.24	228	500066	14.152	ng	97
85) Indeno(1,2,3-cd)pyrene	17.41	276	166545	5.440	ng	# 89
87) Benzo(b)fluoranthene	15.31	252	608800m	17.377	ng	
88) Benzo(k)fluoranthene	15.34	252	156760m	4.867	ng	
89) Benzo(a)pyrene	15.72	252	389509	12.416	ng	98
91) Benzo(g,h,i)perylene	17.90	276	150132	5.874	ng	# 93

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

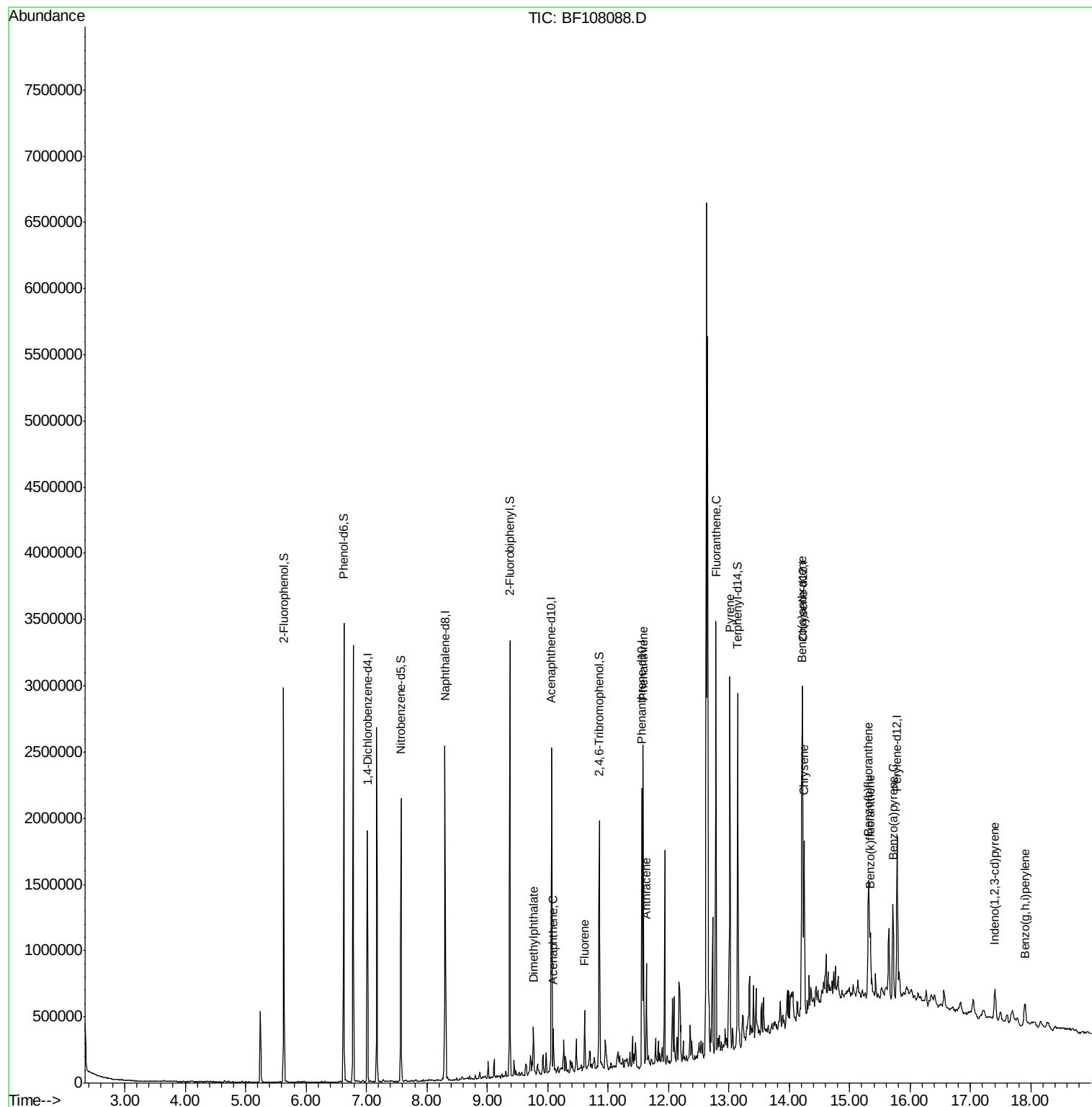
Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF081018\
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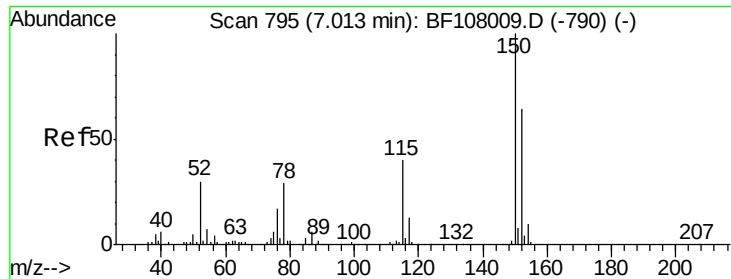
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

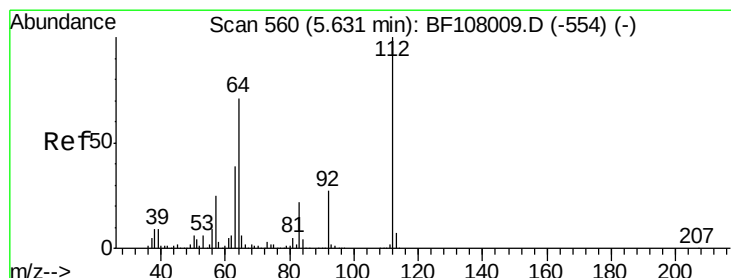
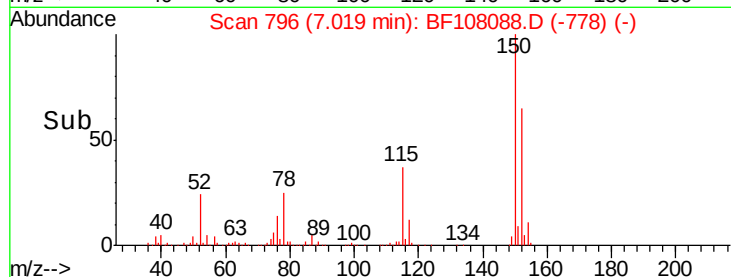
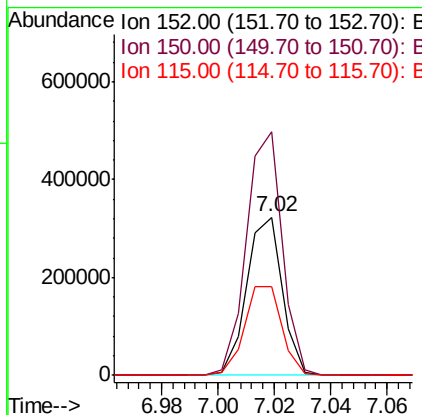
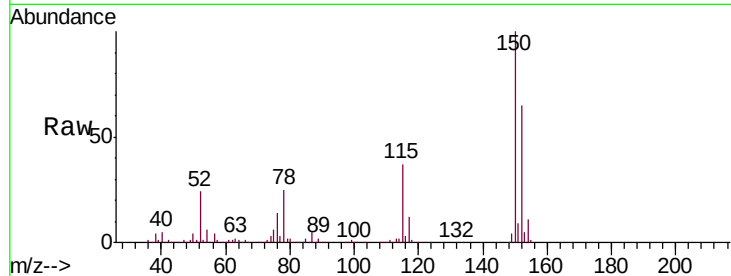
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.02 min Scan# 796
Delta R.T. 0.01 min
Lab File: BF108088.D
Acq: 10 Aug 2018 17:10

Instrument :
BNA_F
ClientSampleId :
JC-03-080918-C

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	283465		
150	153.7	124.6	186.8	
115	56.2	50.1	75.1	

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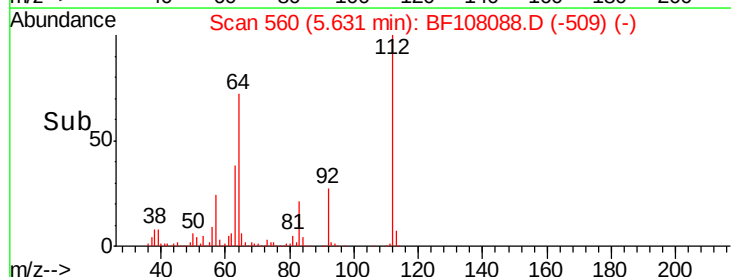
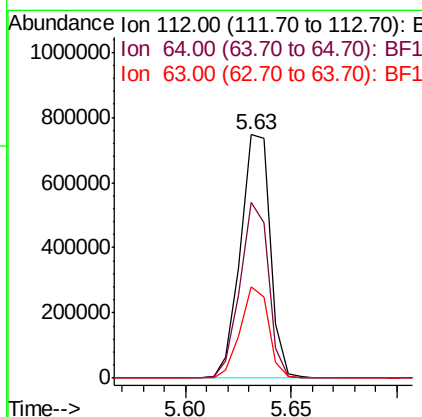
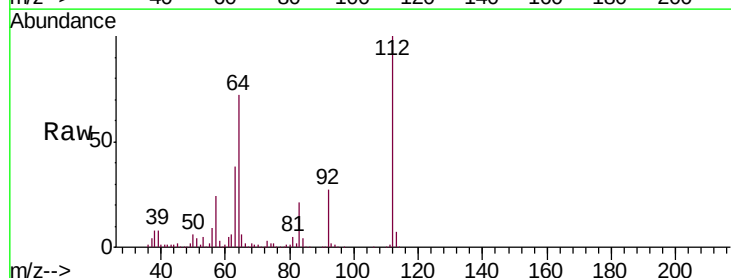
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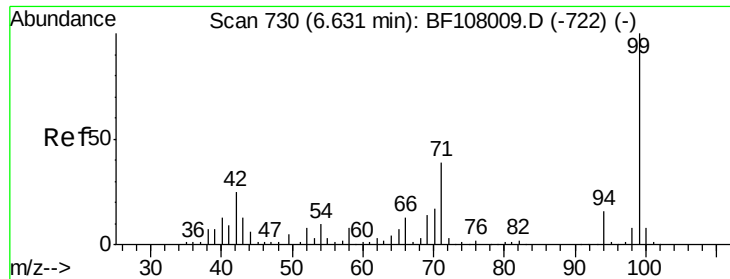


#5

2-Fluorophenol
Concen: 46.676 ng
RT: 5.63 min Scan# 560
Delta R.T. 0.00 min
Lab File: BF108088.D
Acq: 10 Aug 2018 17:10

Tgt Ion	Ratio	Resp	Lower	Upper
112	100	730816		
64	72.4	47.9	71.9#	
63	37.6	23.7	35.5#	





#7

Phenol-d6

Concen: 46.571 ng

RT: 6.62 min Scan# 729

Delta R.T. -0.01 min

Lab File: BF108088.D

Acq: 10 Aug 2018 17:10

Instrument :

BNA_F

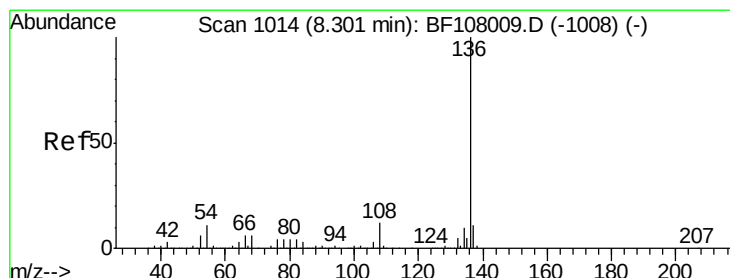
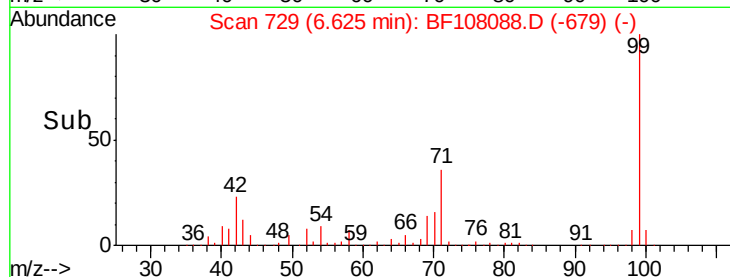
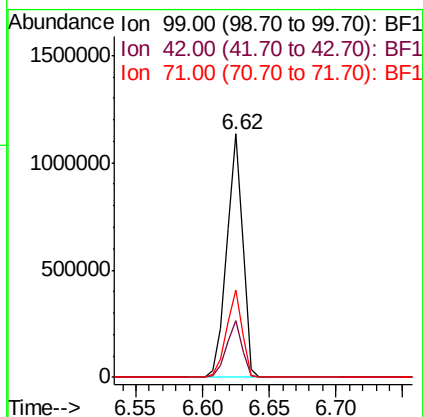
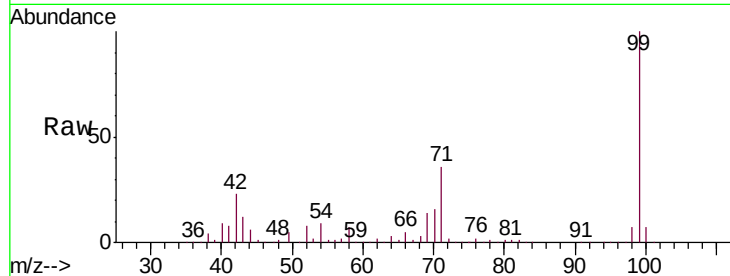
ClientSampleId :

JC-03-080918-C

Tgt Ion:	99	Resp:	968961
Ion Ratio	Lower	Upper	
99	100		
42	23.2	14.5	21.7#
71	36.0	25.4	38.0

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#21

Naphthalene-d8

Concen: 20.000 ng

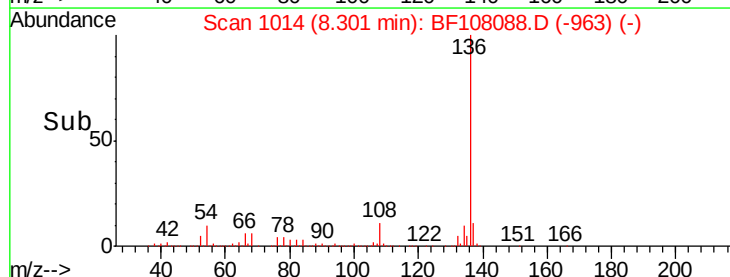
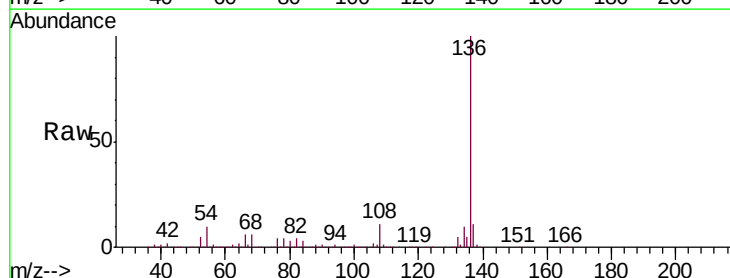
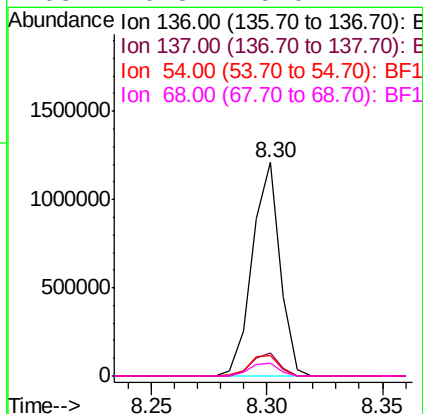
RT: 8.30 min Scan# 1014

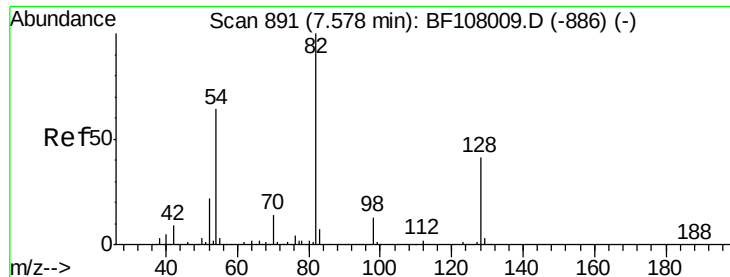
Delta R.T. 0.00 min

Lab File: BF108088.D

Acq: 10 Aug 2018 17:10

Tgt Ion:	136	Resp:	1013867
Ion Ratio	Lower	Upper	
136	100		
137	10.9	8.9	13.3
54	9.7	6.6	9.8
68	6.3	5.0	7.4





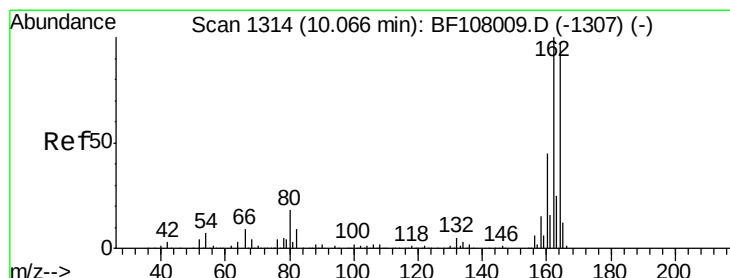
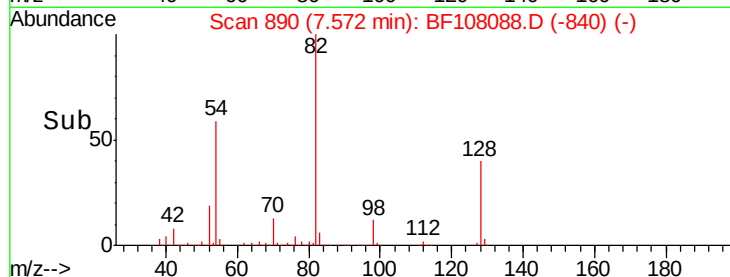
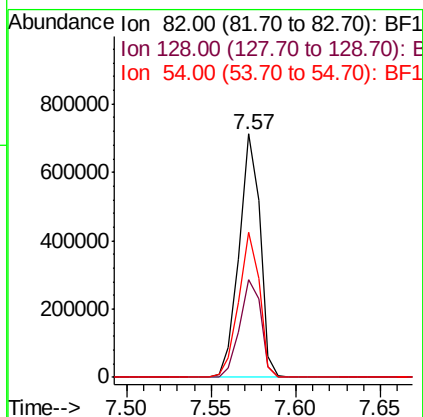
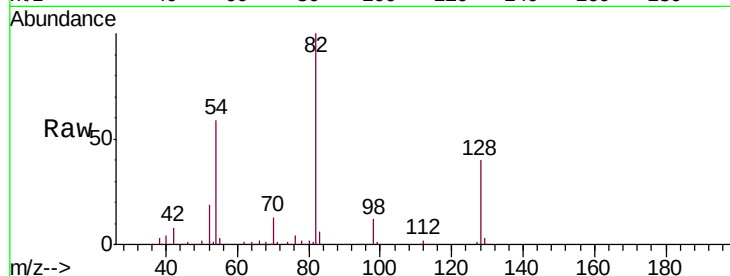
#23
 Nitrobenzene-d5
 Concen: 33.737 ng
 RT: 7.57 min Scan# 890
 Delta R.T. -0.01 min
 Lab File: BF108088.D
 Acq: 10 Aug 2018 17:10

Instrument :
 BNA_F
 ClientSampleId :
 JC-03-080918-C

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	612978		
128	40.3	36.1	54.1	
54	59.4	41.4	62.2	

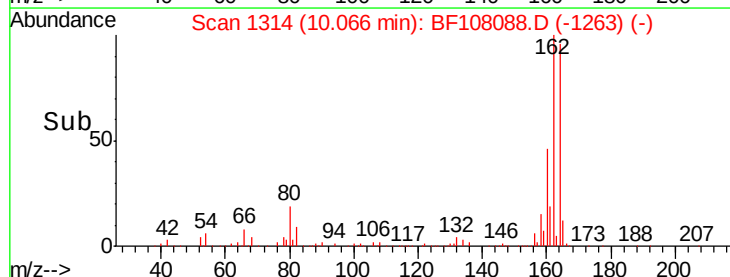
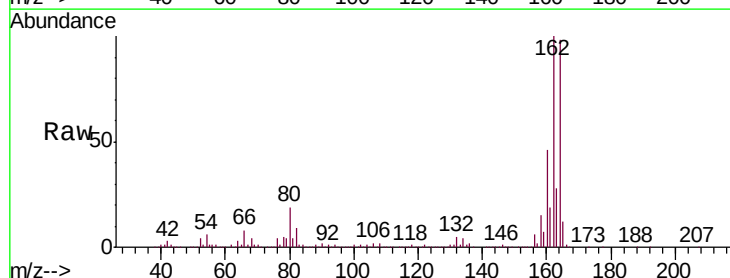
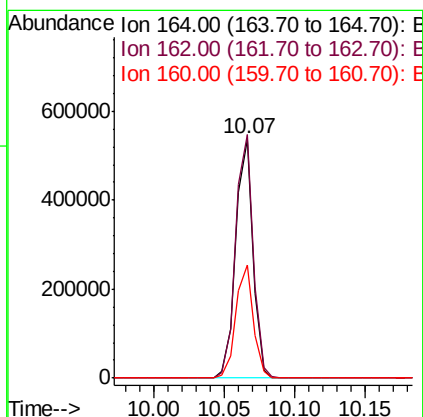
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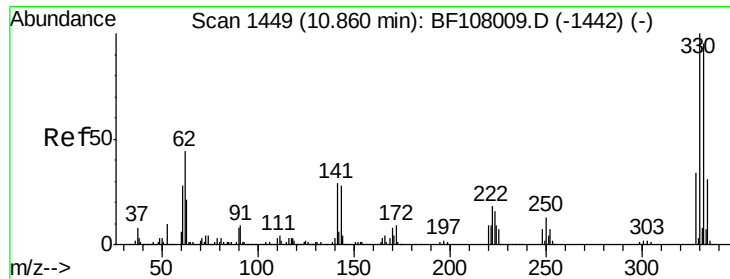
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#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.07 min Scan# 1314
 Delta R.T. 0.00 min
 Lab File: BF108088.D
 Acq: 10 Aug 2018 17:10

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	457508		
162	101.9	86.1	129.1	
160	47.3	38.3	57.5	





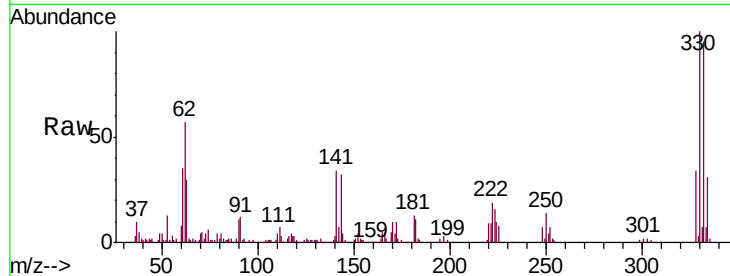
#41
 2,4,6-Tribromophenol
 Concen: 42.026 ng
 RT: 10.85 min Scan# 1448
 Delta R.T. -0.01 min
 Lab File: BF108088.D
 Acq: 10 Aug 2018 17:10

Instrument :
 BNA_F
 ClientSampleId :
 JC-03-080918-C

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	191789		
332	97.3	77.0	115.6	
141	34.6	29.9	44.9	

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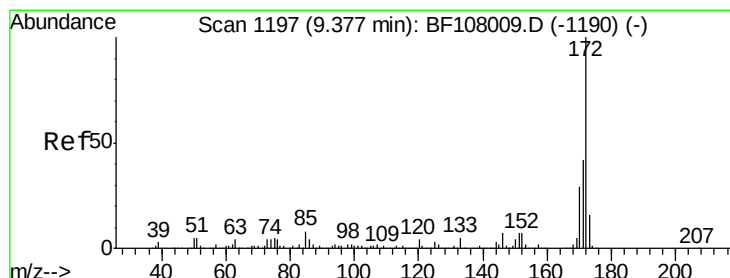
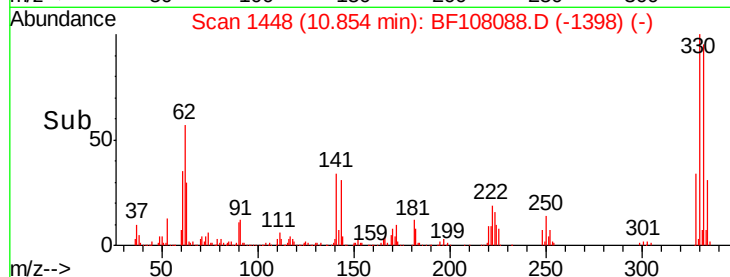
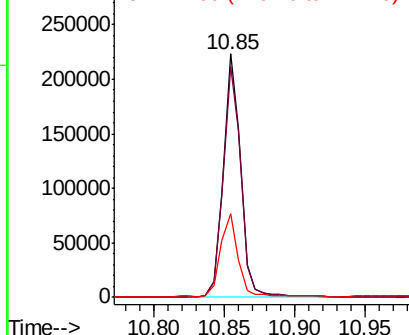


Abundance

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: 33.261 ng
 RT: 9.37 min Scan# 1196
 Delta R.T. -0.01 min
 Lab File: BF108088.D
 Acq: 10 Aug 2018 17:10

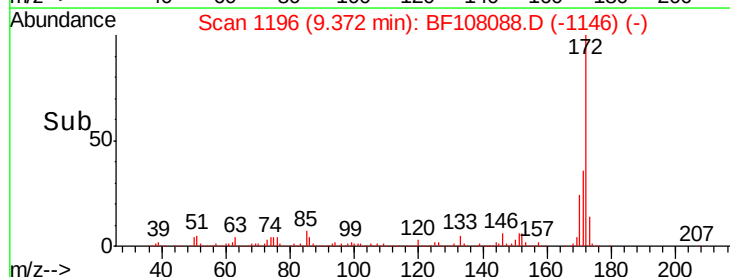
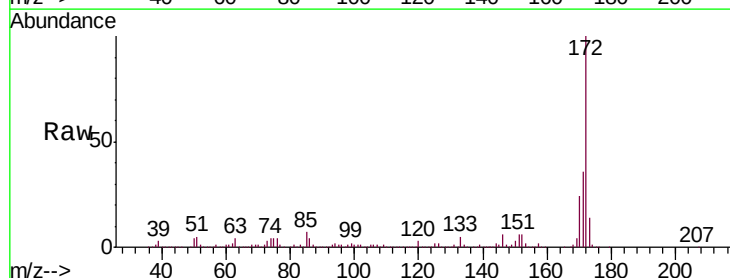
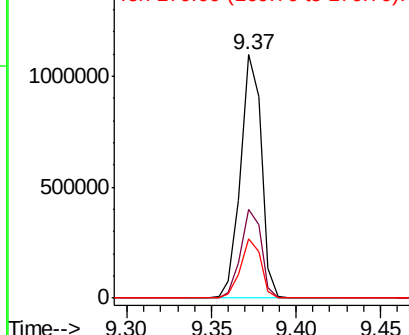
Tgt Ion	Ratio	Resp	Lower	Upper
172	100	947846		
171	36.4	29.7	44.5	
170	24.1	19.6	29.4	

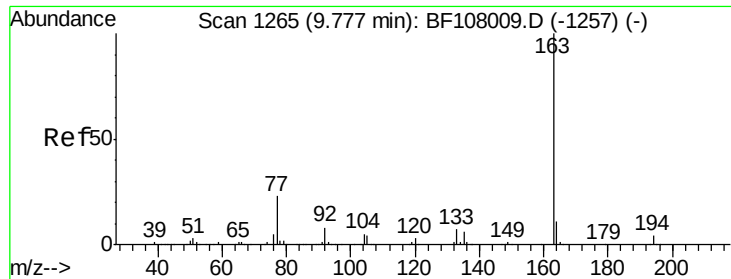
Abundance

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





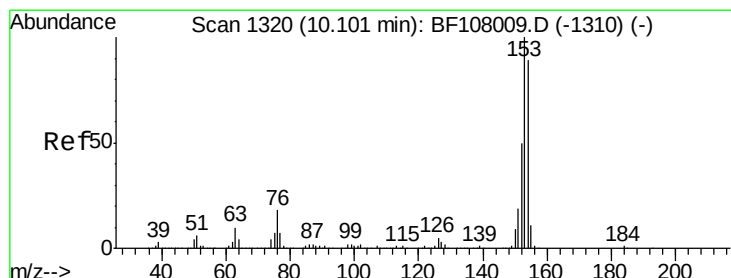
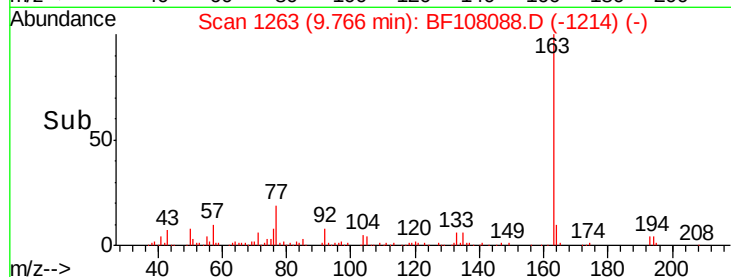
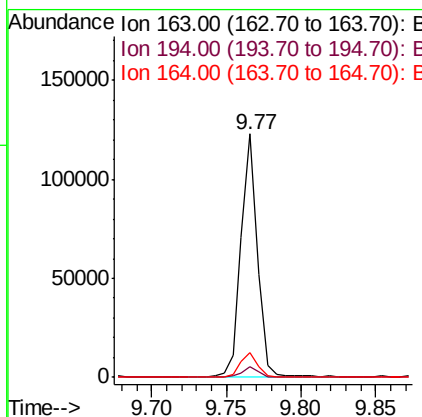
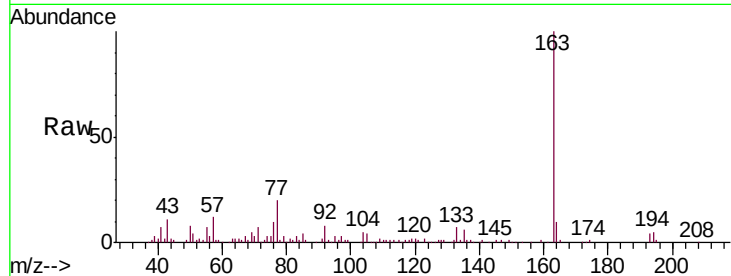
#49
Dimethylphthalate
Concen: 2.995 ng
RT: 9.77 min Scan# 1263
Delta R.T. -0.01 min
Lab File: BF108088.D
Acq: 10 Aug 2018 17:10

Instrument :
BNA_F
ClientSampleId :
JC-03-080918-C

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	95459		
194	4.6	2.7	4.1#	
164	10.1	8.2	12.2	

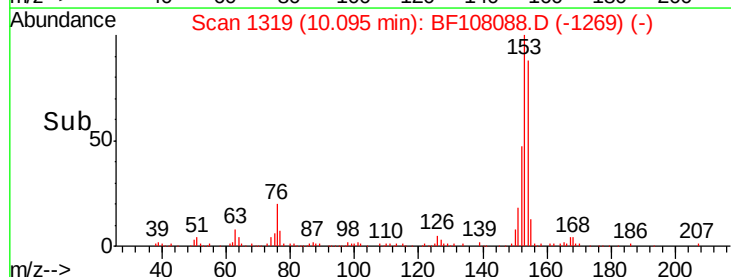
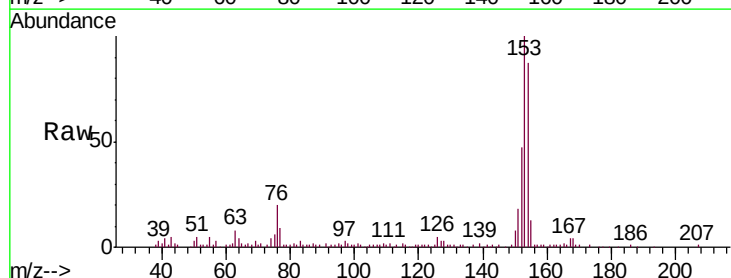
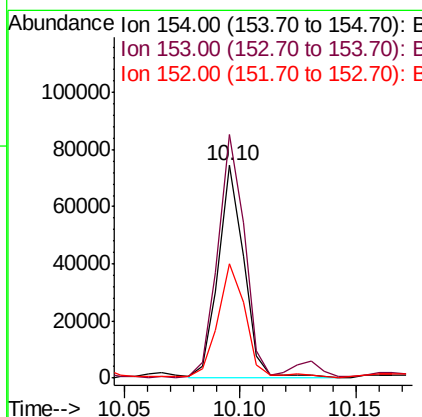
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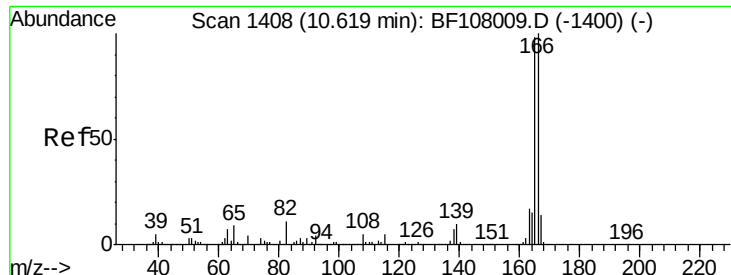
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#51
Acenaphthene
Concen: 2.234 ng
RT: 10.10 min Scan# 1319
Delta R.T. -0.01 min
Lab File: BF108088.D
Acq: 10 Aug 2018 17:10

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	57677		
153	114.7	91.2	136.8	
152	54.0	43.8	65.8	





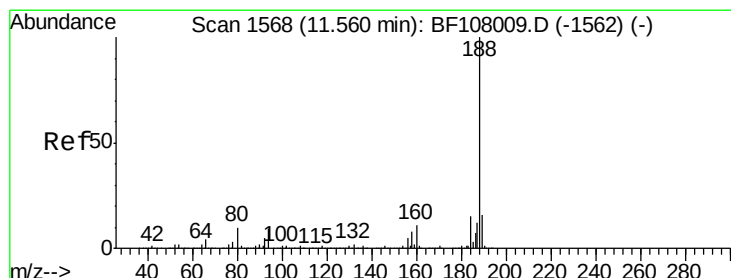
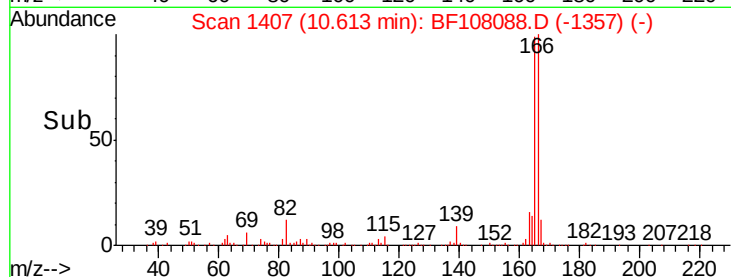
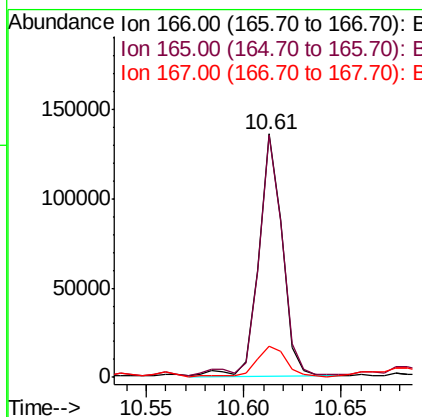
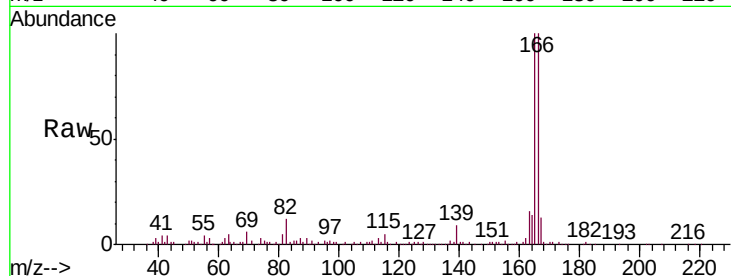
#57
Fluorene
 Concen: 3.810 ng
 RT: 10.61 min Scan# 1407
 Delta R.T. -0.01 min
 Lab File: BF108088.D
 Acq: 10 Aug 2018 17:10

Instrument :
 BNA_F
 ClientSampled :
 JC-03-080918-C

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	112818		
165	99.6	79.8	119.8	
167	12.9	10.6	16.0	

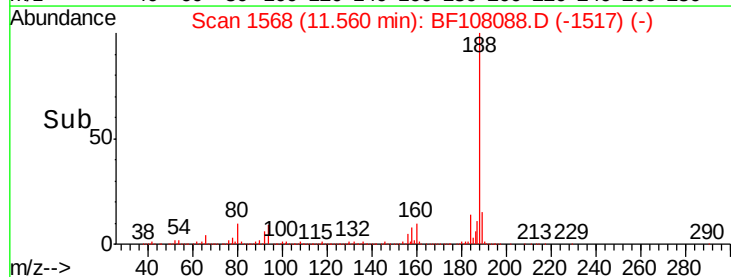
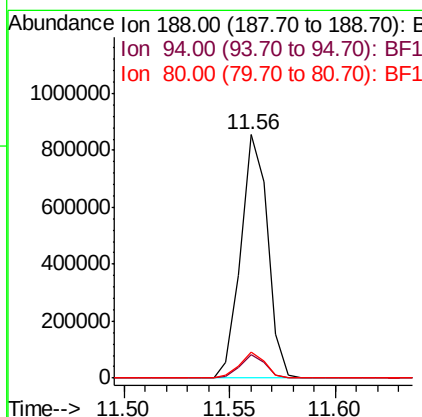
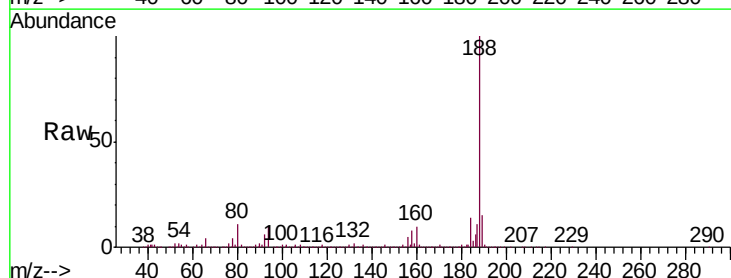
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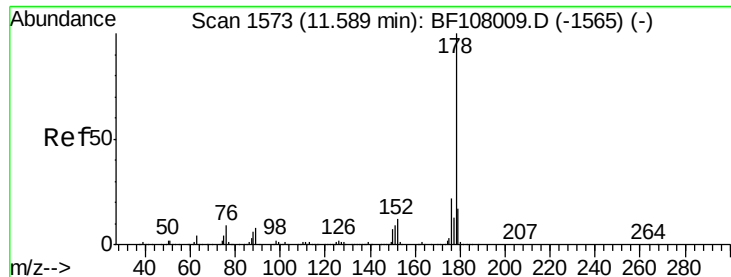
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#63
Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.56 min Scan# 1568
 Delta R.T. 0.00 min
 Lab File: BF108088.D
 Acq: 10 Aug 2018 17:10

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	753532		
94	9.5	8.5	12.7	
80	10.5	9.2	13.8	





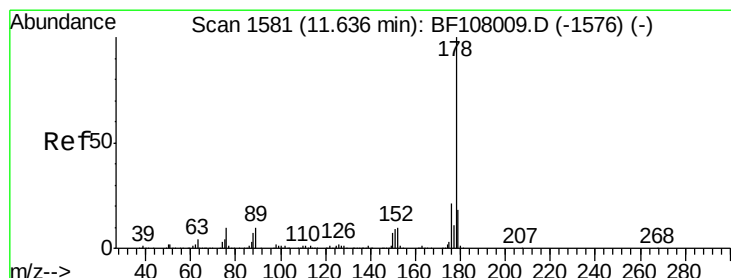
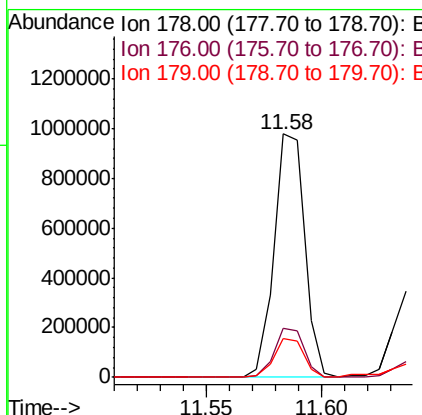
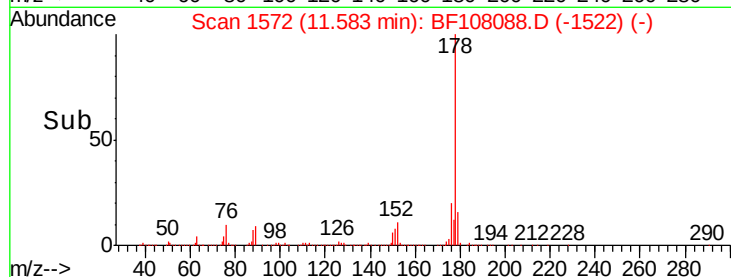
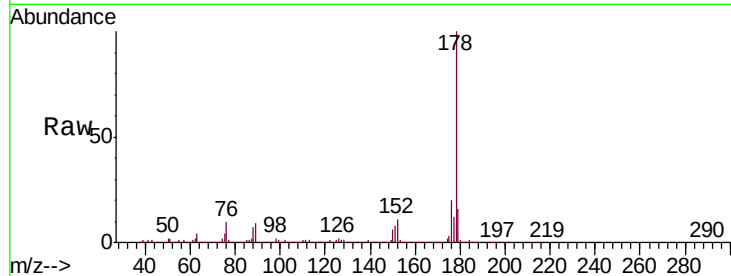
#70
Phenanthrene
Concen: 25.275 ng
RT: 11.58 min Scan# 1572
Delta R.T. -0.01 min
Lab File: BF108088.D
Acq: 10 Aug 2018 17:10

Instrument :
BNA_F
ClientSampleId :
JC-03-080918-C

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.1	15.8	23.8
179	15.8	13.0	19.6

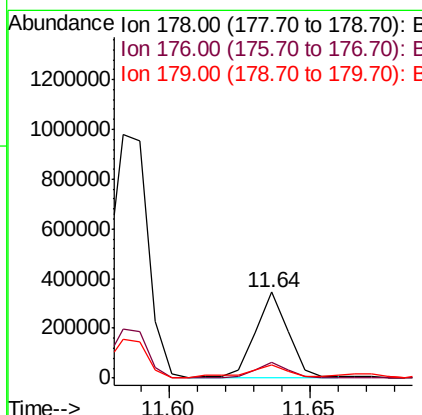
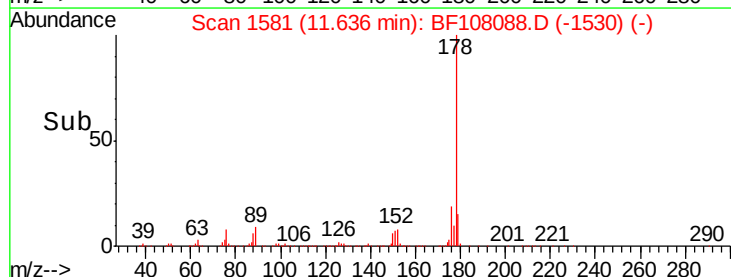
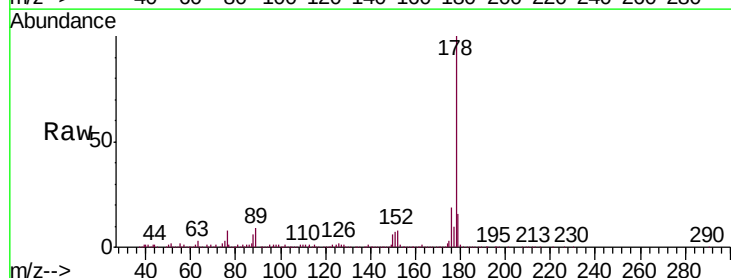
Manual Integrations
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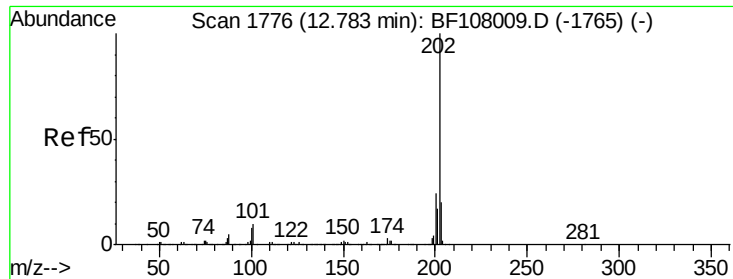
Sohil
8/13/2018 3:51:59 PM



#71
Anthracene
Concen: 7.435 ng
RT: 11.64 min Scan# 1581
Delta R.T. 0.00 min
Lab File: BF108088.D
Acq: 10 Aug 2018 17:10

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.4	23.2
179	15.5	12.6	19.0





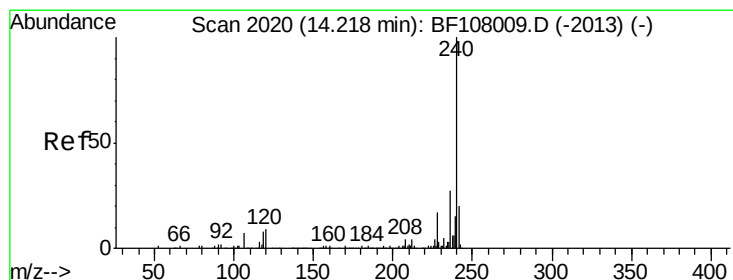
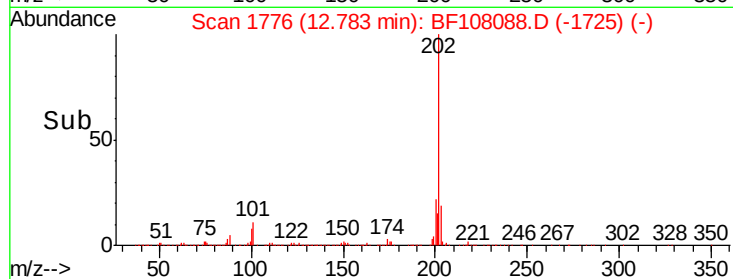
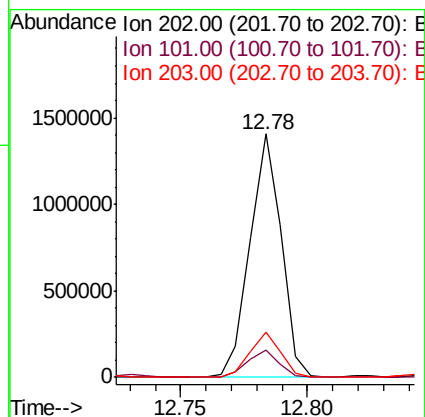
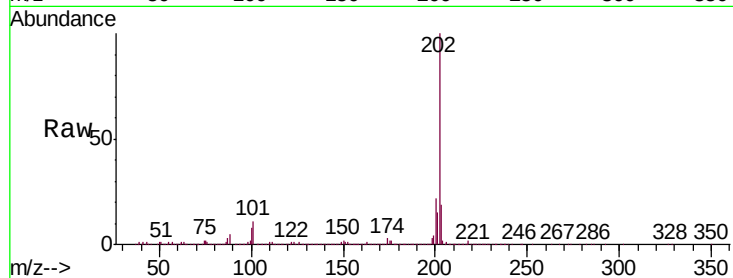
#74
 Fluoranthene
 Concen: 31.123 ng
 RT: 12.78 min Scan# 1776
 Delta R.T. 0.00 min
 Lab File: BF108088.D
 Acq: 10 Aug 2018 17:10

Instrument :
 BNA_F
 ClientSampleId :
 JC-03-080918-C

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	1207246		
101	11.0	0.0	34.1	
203	18.6	0.0	38.1	

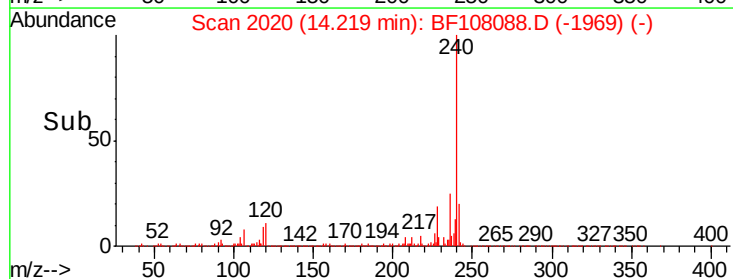
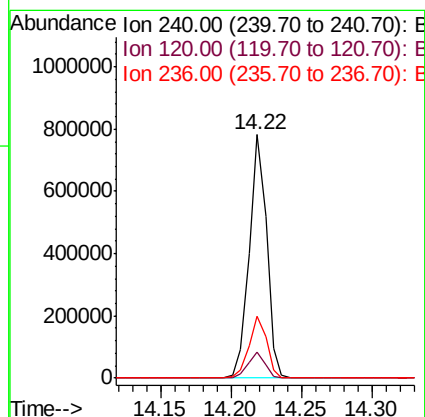
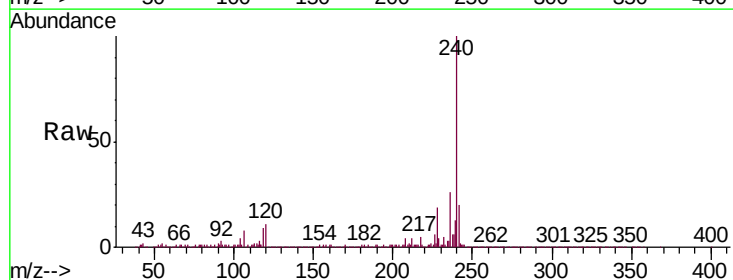
Manual Integrations
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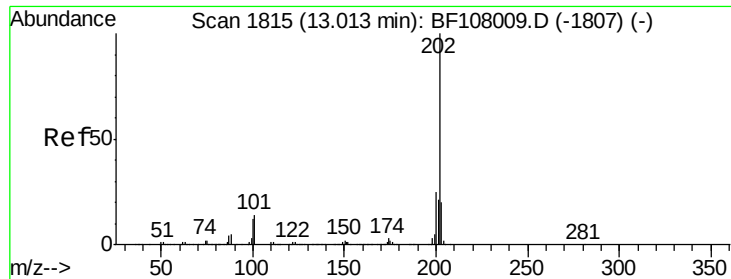
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#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.22 min Scan# 2020
 Delta R.T. 0.00 min
 Lab File: BF108088.D
 Acq: 10 Aug 2018 17:10

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	671586		
120	10.6	9.5	14.3	
236	25.5	20.7	31.1	





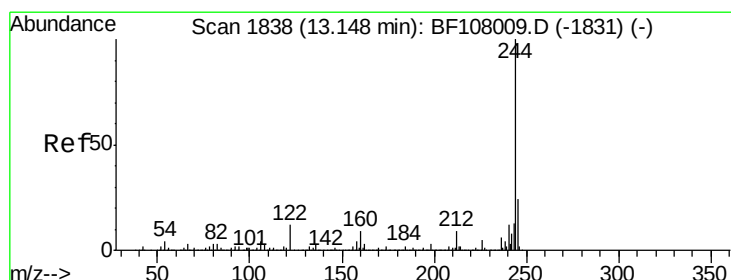
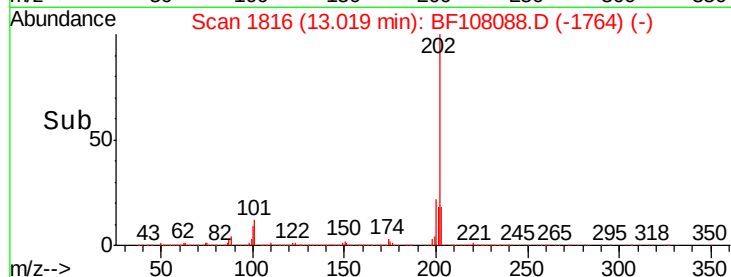
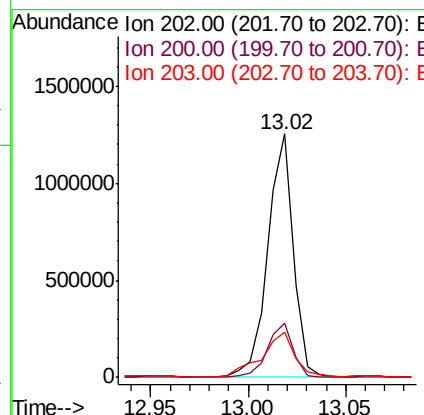
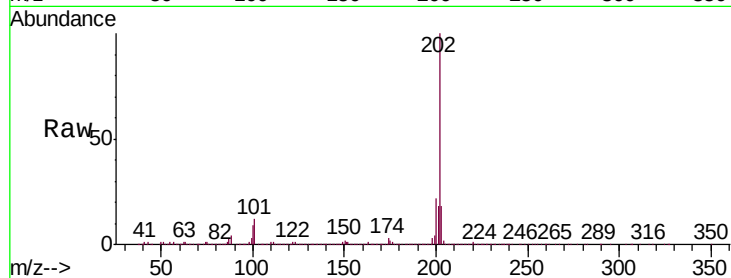
#77
 Pyrene
 Concen: 26.617 ng
 RT: 13.02 min Scan# 1816
 Delta R.T. 0.01 min
 Lab File: BF108088.D
 Acq: 10 Aug 2018 17:10

Instrument :
 BNA_F
 ClientSampleId :
 JC-03-080918-C

Tgt Ion	Ratio	Lower	Upper
202	100		
200	22.2	17.4	26.2
203	18.4	14.3	21.5

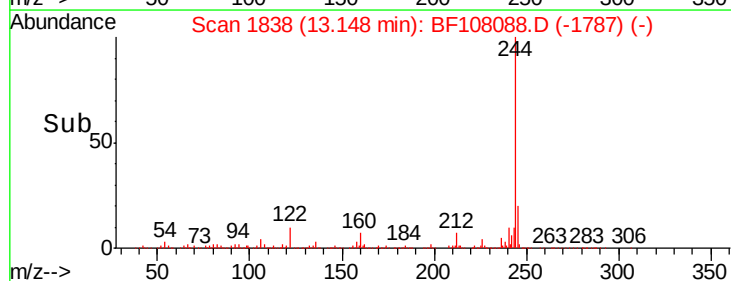
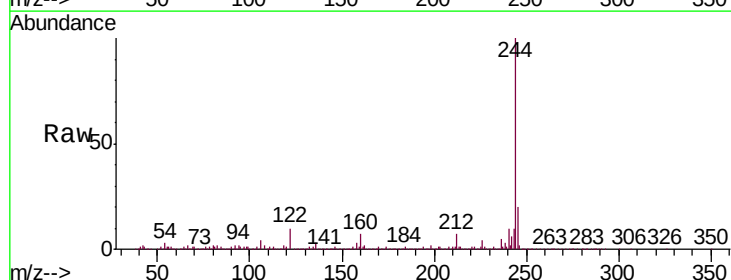
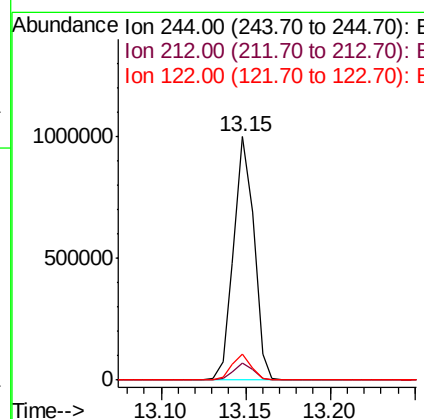
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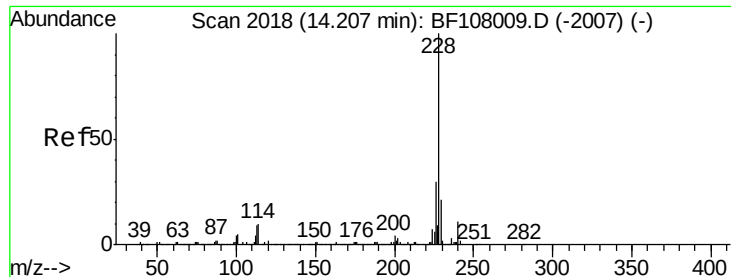
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#78
 Terphenyl-d14
 Concen: 31.547 ng
 RT: 13.15 min Scan# 1838
 Delta R.T. 0.00 min
 Lab File: BF108088.D
 Acq: 10 Aug 2018 17:10

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.4	8.0
122	10.5	11.0	16.4





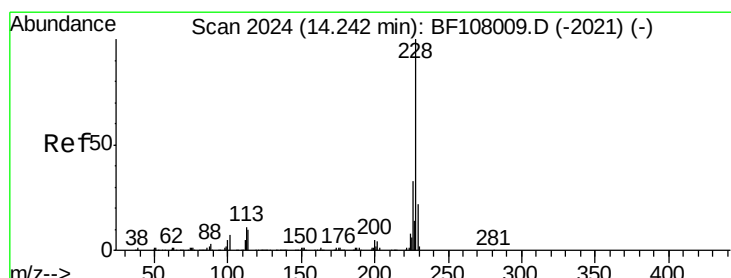
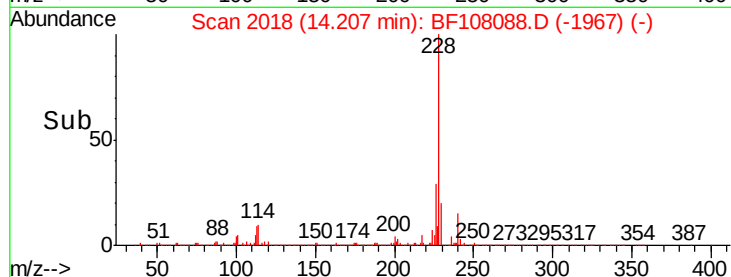
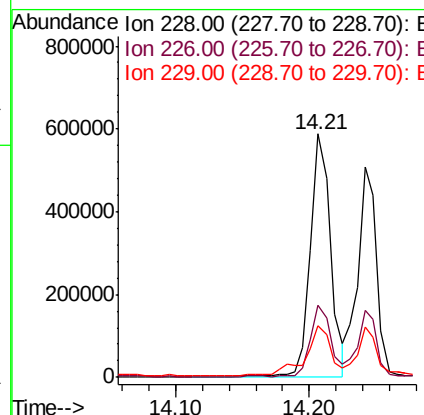
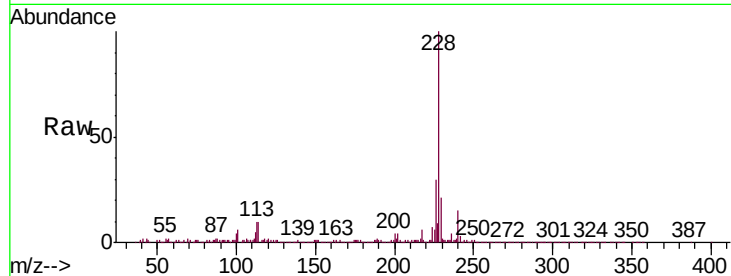
#80
Benzo(a)anthracene
Concen: 15.627 ng
RT: 14.21 min Scan# 2018
Delta R.T. 0.00 min
Lab File: BF108088.D
Acq: 10 Aug 2018 17:10

Instrument :
BNA_F
ClientSampleId :
JC-03-080918-C

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	602296		
226	29.5		22.6	33.8
229	21.2		15.8	23.6

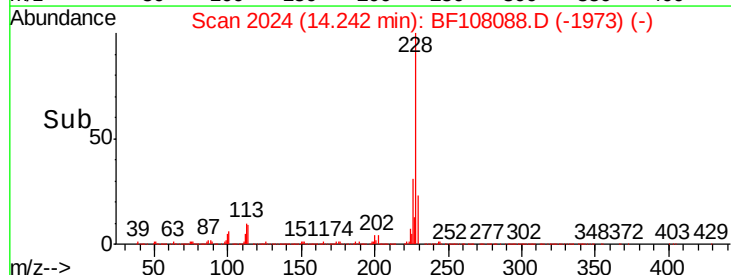
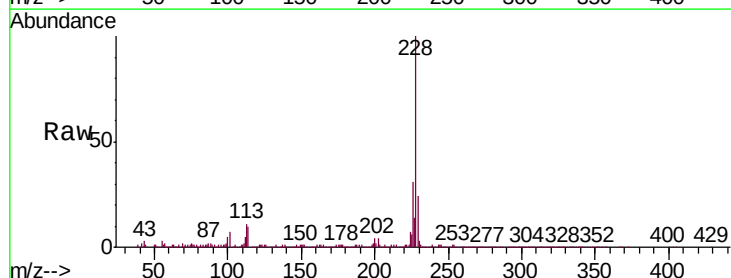
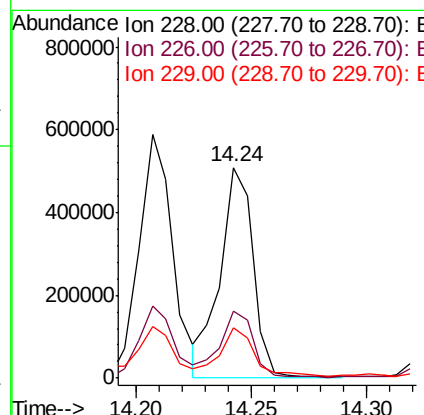
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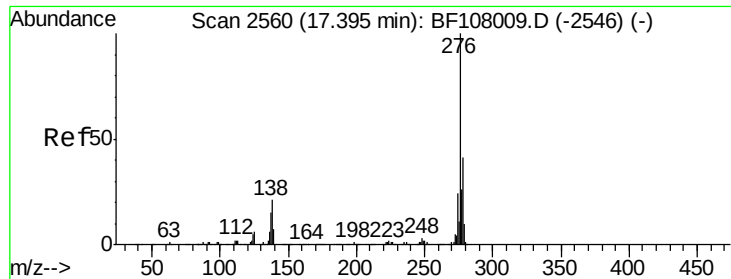
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#82
Chrysene
Concen: 14.152 ng
RT: 14.24 min Scan# 2024
Delta R.T. 0.00 min
Lab File: BF108088.D
Acq: 10 Aug 2018 17:10

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	500066		
226	31.5		25.0	37.6
229	24.0		16.2	24.4





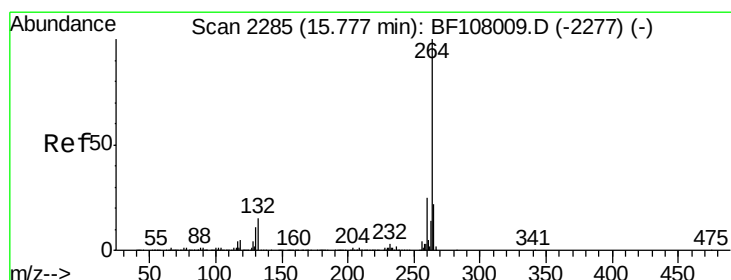
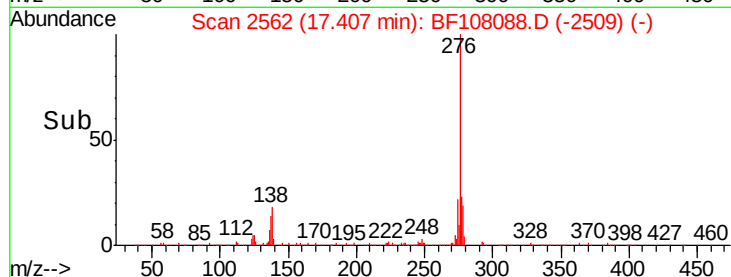
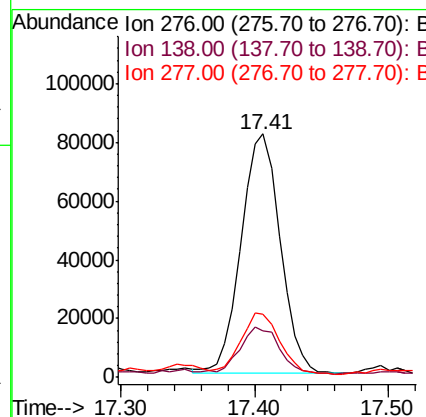
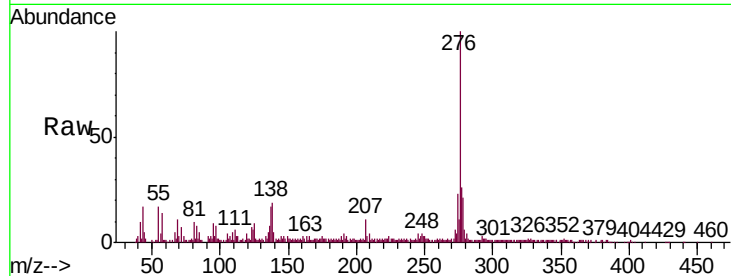
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 5.440 ng
 RT: 17.41 min Scan# 2562
 Delta R.T. 0.01 min
 Lab File: BF108088.D
 Acq: 10 Aug 2018 17:10

Instrument :
 BNA_F
 ClientSampleId :
 JC-03-080918-C

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	166545		
138	20.9	25.0	37.6#	
277	25.3	20.1	30.1	

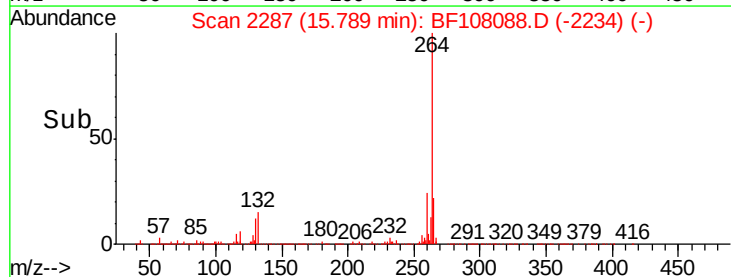
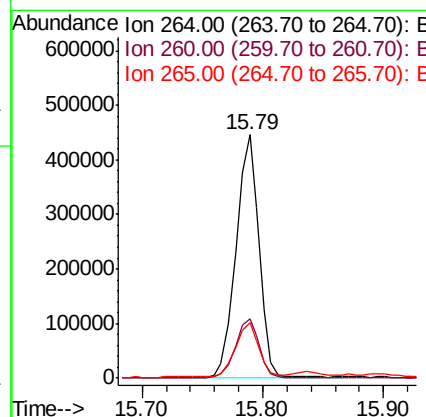
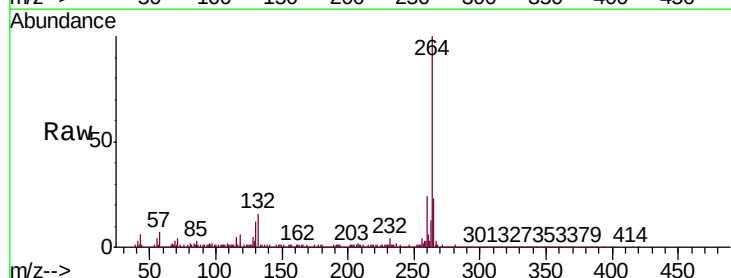
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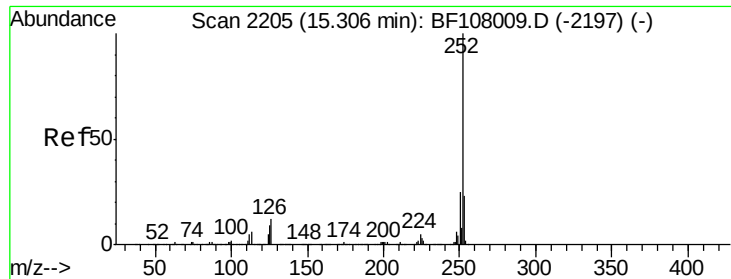
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#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.79 min Scan# 2287
 Delta R.T. 0.01 min
 Lab File: BF108088.D
 Acq: 10 Aug 2018 17:10

Tgt Ion	Ratio	Resp	Lower	Upper
264	100	586316		
260	24.2	19.2	28.8	
265	22.6	17.5	26.3	





#87

Benzo(b)fluoranthene

Concen: 17.377 ng m

RT: 15.31 min Scan# 2206

Delta R.T. 0.01 min

Lab File: BF108088.D

Acq: 10 Aug 2018 17:10

Instrument :

BNA_F

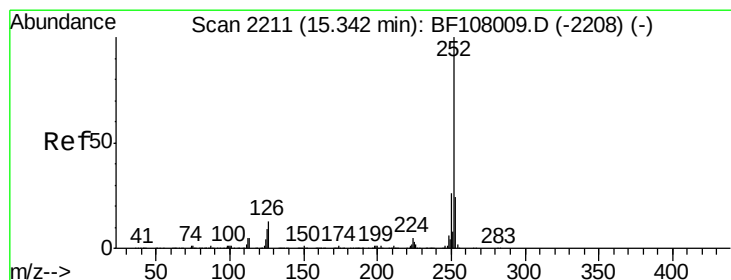
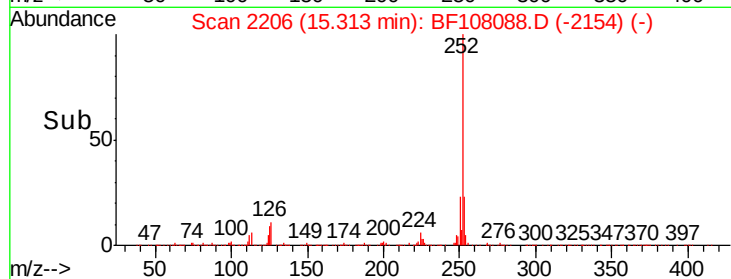
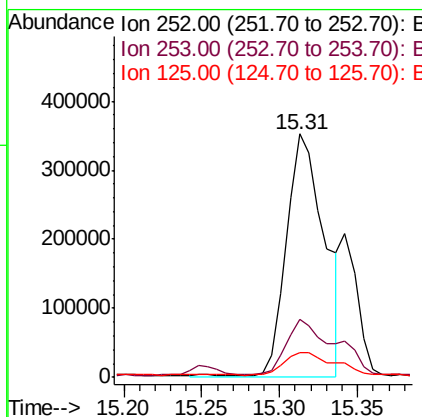
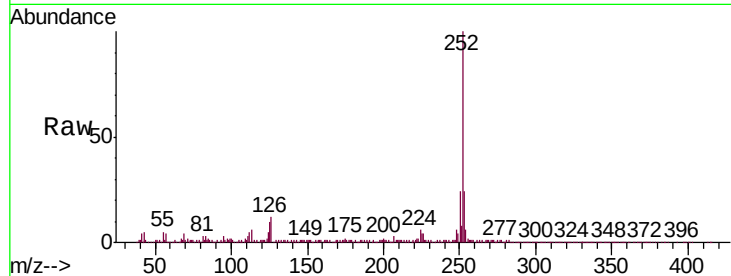
ClientSampleId :

JC-03-080918-C

Tgt Ion:	252	Resp:	608800
Ion Ratio	Lower	Upper	
252	100		
253	23.7	17.0	25.6
125	10.2	9.0	13.6

Manual Integrations
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#88

Benzo(k)fluoranthene

Concen: 4.867 ng m

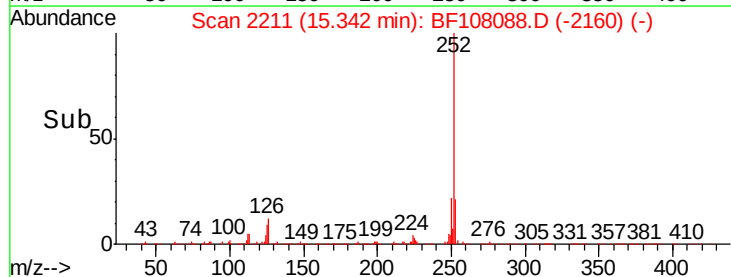
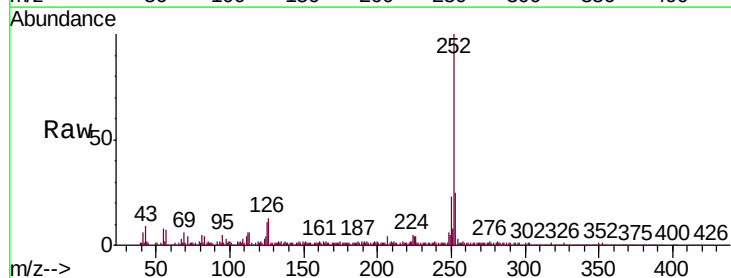
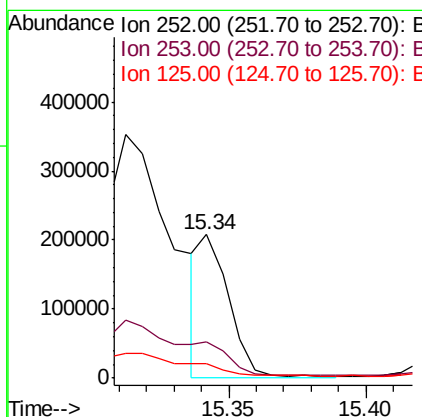
RT: 15.34 min Scan# 2211

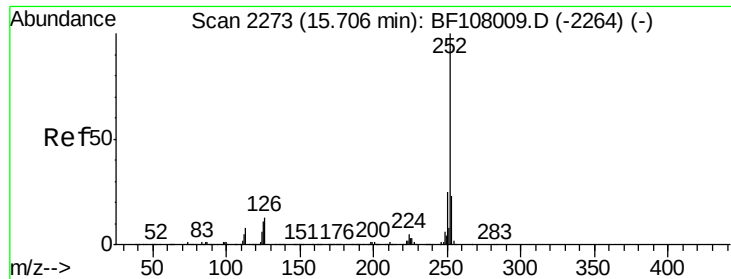
Delta R.T. 0.00 min

Lab File: BF108088.D

Acq: 10 Aug 2018 17:10

Tgt Ion:	252	Resp:	156760
Ion Ratio	Lower	Upper	
252	100		
253	25.1	17.9	26.9
125	10.5	10.2	15.2





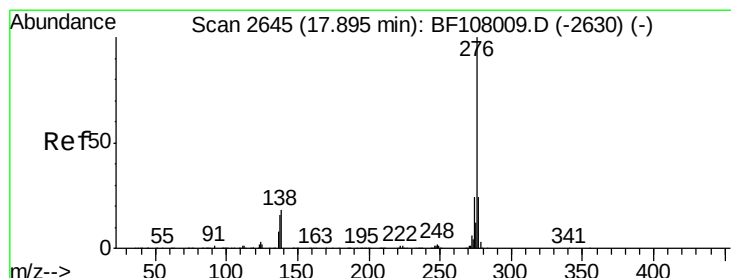
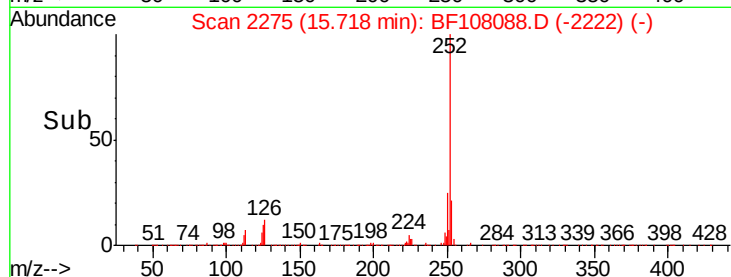
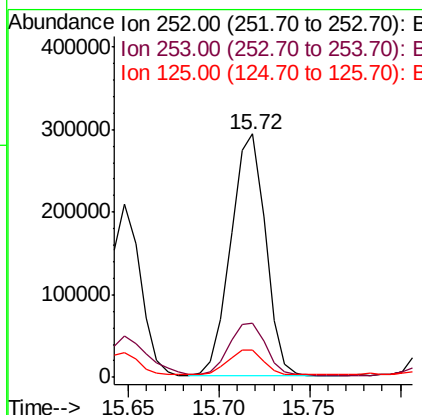
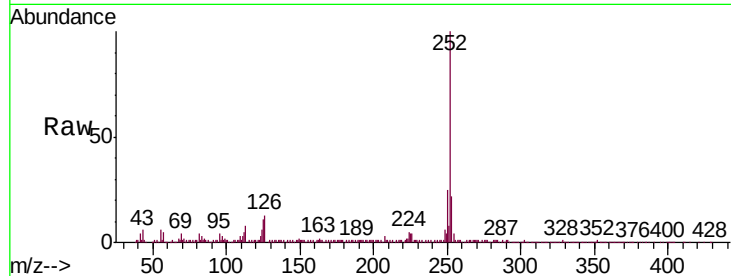
#89
Benzo(a)pyrene
Concen: 12.416 ng
RT: 15.72 min Scan# 2275
Delta R.T. 0.01 min
Lab File: BF108088.D
Acq: 10 Aug 2018 17:10

Instrument :
BNA_F
ClientSampleId :
JC-03-080918-C

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
253	22.4	17.1	25.7
125	11.0	9.8	14.6

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#91
Benzo(g,h,i)perylene
Concen: 5.874 ng
RT: 17.90 min Scan# 2646
Delta R.T. 0.01 min
Lab File: BF108088.D
Acq: 10 Aug 2018 17:10

Tgt Ion	Ratio	Resp Lower	Resp Upper
276	100		
277	22.0	17.9	26.9
138	20.6	21.8	32.8#

