

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF083118\
 Data File : BF108693.D
 Acq On : 31 Aug 2018 17:08
 Operator : JU/SJ
 Sample : J4712-13
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DW-09

Manual Integrations
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Quant Time: Aug 31 18:19:54 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF083018.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 30 15:06:55 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.01	152	64161	20.00	ng	0.00
21) Naphthalene-d8	8.28	136	237826	20.00	ng	0.00
38) Acenaphthene-d10	10.04	164	99943	20.00	ng	0.00
63) Phenanthrene-d10	11.55	188	203034	20.00	ng	0.00
75) Chrysene-d12	14.21	240	176039	20.00	ng	0.00
86) Perylene-d12	15.78	264	137335	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	266241	72.09	ng	0.00
7) Phenol-d6	6.64	99	399502	75.52	ng	-0.01
23) Nitrobenzene-d5	7.57	82	227930	48.65	ng	0.00
41) 2,4,6-Tribromophenol	10.84	330	86280	65.39	ng	0.00
44) 2-Fluorobiphenyl	9.35	172	392787	52.84	ng	0.00
78) Terphenyl-d14	13.12	244	413513	45.64	ng	0.00
Target Compounds						
15) Benzyl Alcohol	7.16	79	219133	57.588	ng	91
49) Dimethylphthalate	9.75	163	109877	13.961	ng	# 97
70) Phenanthrene	11.57	178	215626	21.040	ng	98
71) Anthracene	11.62	178	57056m	5.299	ng	
72) Carbazole	11.80	167	31103	2.987	ng	# 75
74) Fluoranthene	12.77	202	780568	67.667	ng	94
77) Pyrene	13.00	202	618735	46.756	ng	99
80) Benzo(a)anthracene	14.20	228	233561	21.763	ng	98
82) Chrysene	14.23	228	413838m	40.099	ng	
83) Bis(2-ethylhexyl)phthalate	14.15	149	1304491	182.385	ng	# 98
85) Indeno(1,2,3-cd)pyrene	17.40	276	156332	21.785	ng	# 83
87) Benzo(b)fluoranthene	15.31	252	434869m	51.547	ng	
88) Benzo(k)fluoranthene	15.34	252	127791m	15.291	ng	
89) Benzo(a)pyrene	15.71	252	191072	25.062	ng	# 89
90) Dibenzo(a,h)anthracene	17.41	278	28304	4.648	ng	# 78
91) Benzo(g,h,i)perylene	17.89	276	159437	26.941	ng	# 88

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

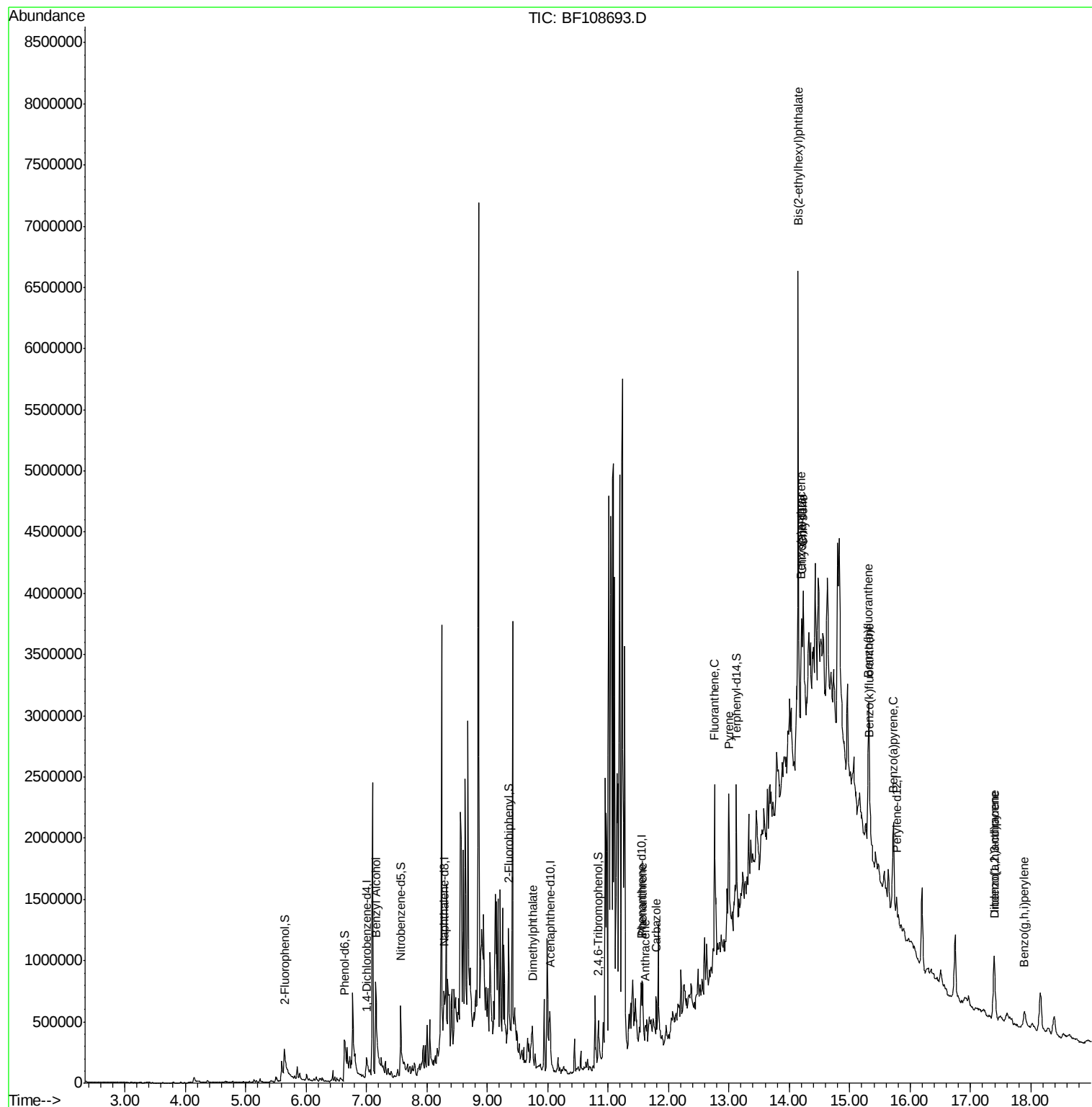
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF083118\
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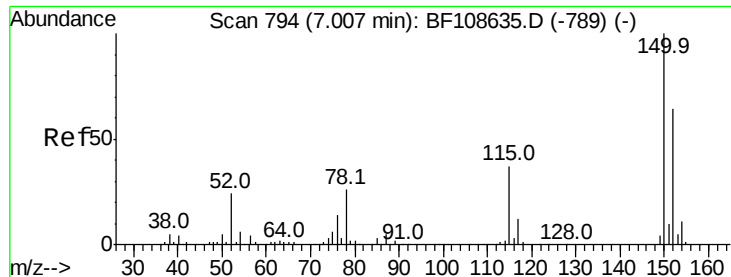
Instrument :
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Quant Time: Aug 31 18:19:54 2018
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#1

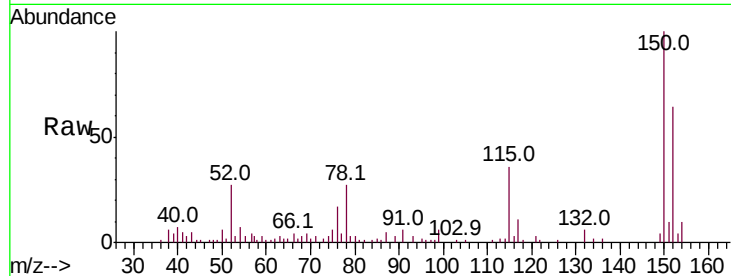
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.01 min Scan# 794
Delta R.T. 0.00 min
Lab File: BF108693.D
Acq: 31 Aug 2018 17:08

Instrument :
BNA_F
ClientSampled :
DW-09

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.2	124.6	186.8
115	55.7	50.1	75.1

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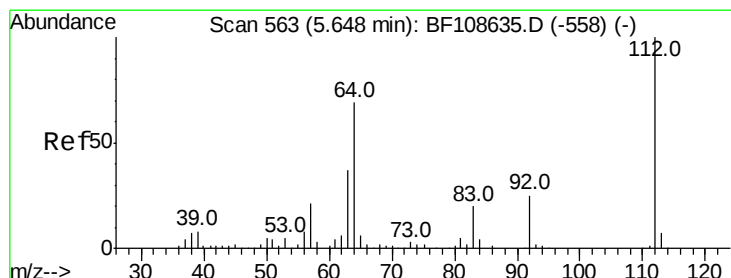
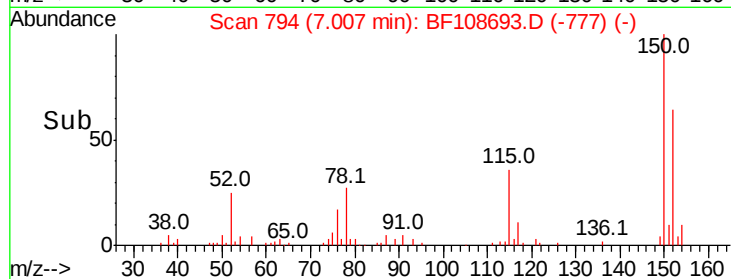
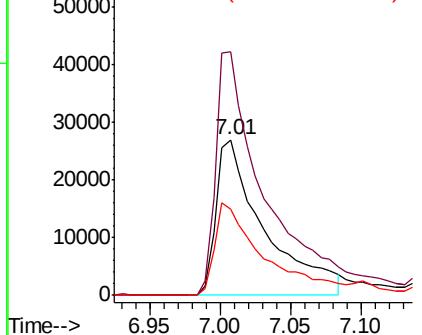


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

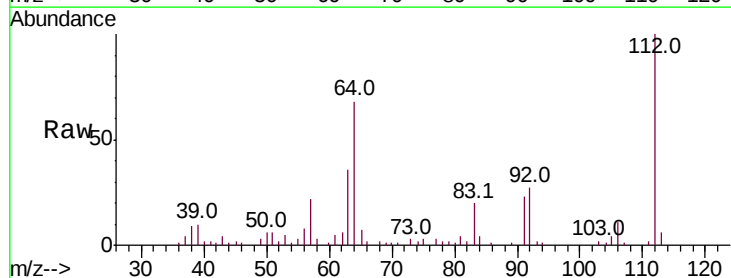
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 72.087 ng
RT: 5.64 min Scan# 562
Delta R.T. -0.01 min
Lab File: BF108693.D
Acq: 31 Aug 2018 17:08

Tgt Ion	Ratio	Lower	Upper
112	100		
64	67.9	47.9	71.9
63	36.2	23.7	35.5

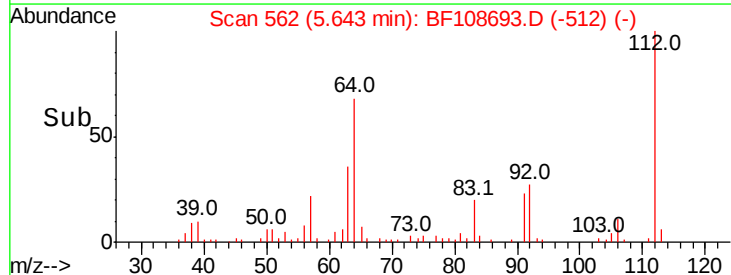
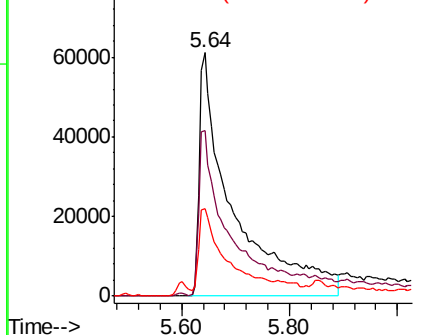


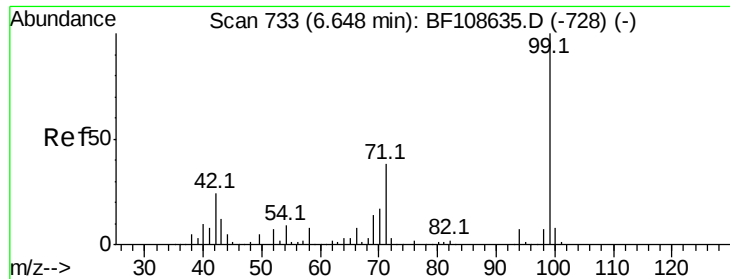
Abundance

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: 75.523 ng

RT: 6.64 min Scan# 731

Delta R.T. -0.01 min

Lab File: BF108693.D

Acq: 31 Aug 2018 17:08

Instrument :

BNA_F

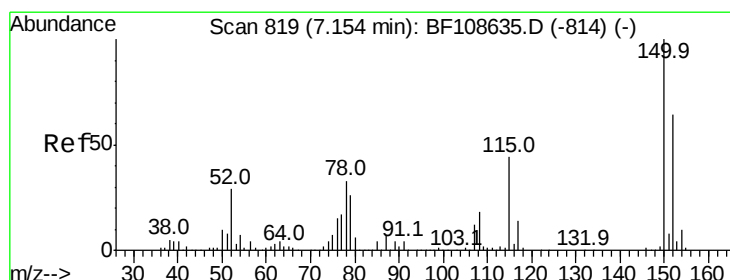
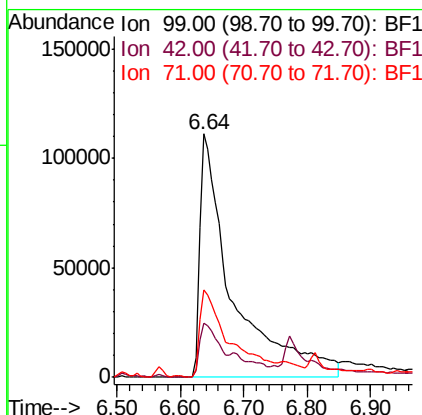
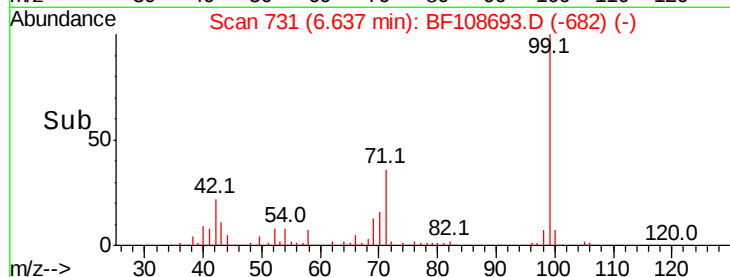
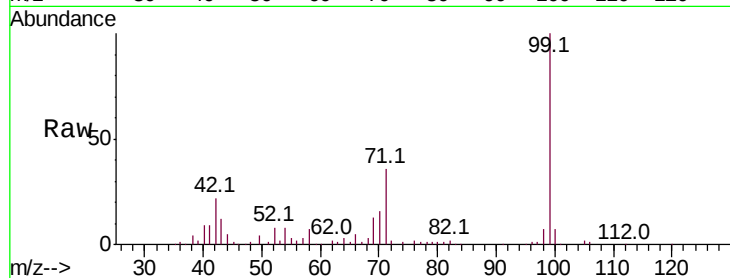
ClientSampled :

DW-09

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		399502		
42	22.4	14.5	21.7#		
71	35.8	25.4	38.0		

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#15

Benzyl Alcohol

Concen: 57.588 ng

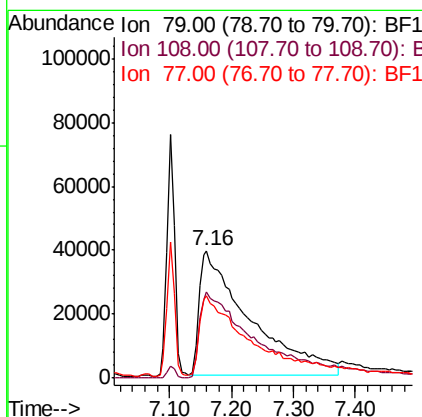
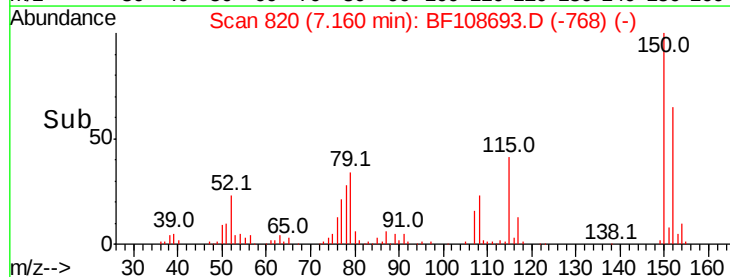
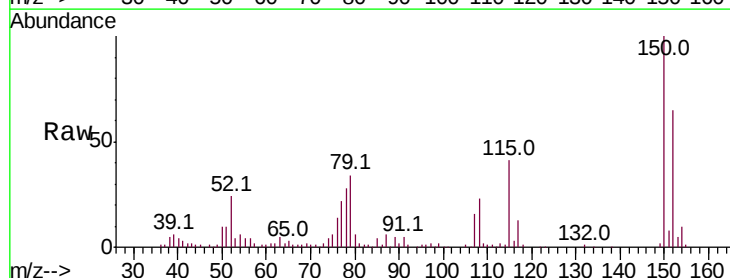
RT: 7.16 min Scan# 820

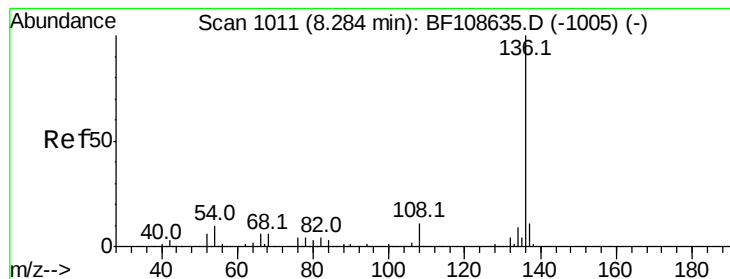
Delta R.T. 0.01 min

Lab File: BF108693.D

Acq: 31 Aug 2018 17:08

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
79	100		219133		
108	67.5	65.1	97.7		
77	64.4	50.6	75.8		





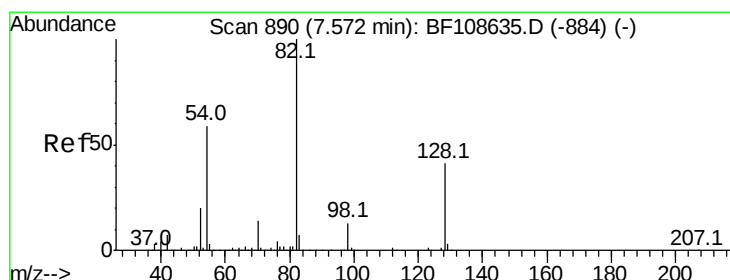
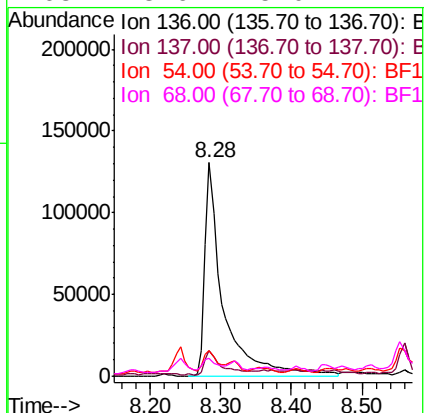
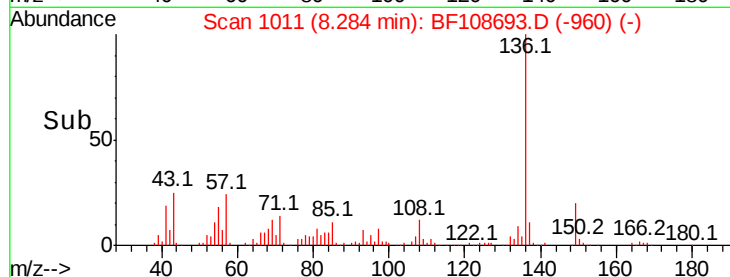
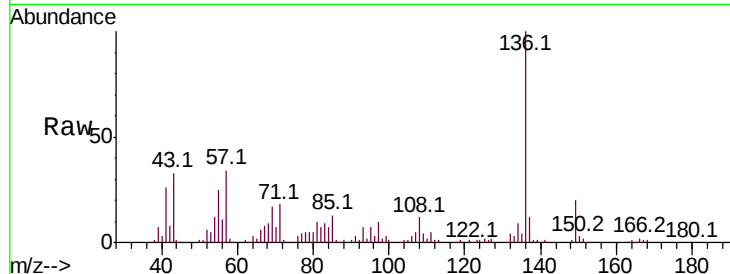
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.28 min Scan# 1011
Delta R.T. 0.00 min
Lab File: BF108693.D
Acq: 31 Aug 2018 17:08

Instrument :
BNA_F
ClientSampleId :
DW-09

Tot Ion	Ratio	Resp Lower	Upper
136	100		
137	11.8	8.9	13.3
54	11.8	6.6	9.8#
68	8.6	5.0	7.4#

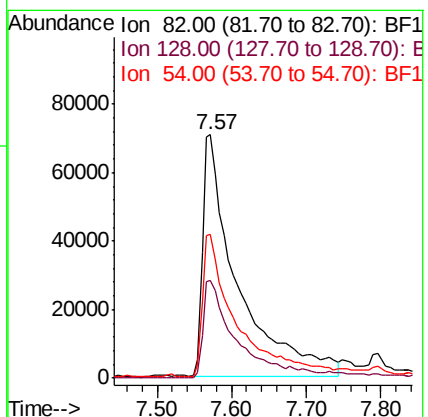
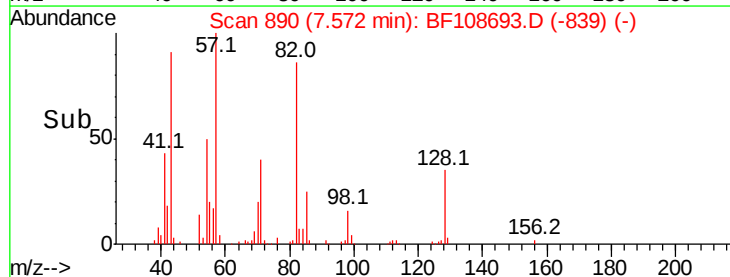
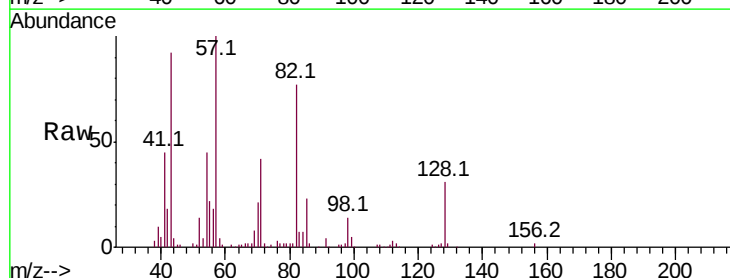
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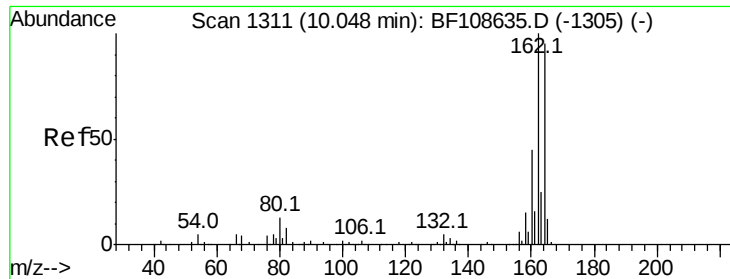
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#23
Nitrobenzene-d5
Concen: 48.647 ng
RT: 7.57 min Scan# 890
Delta R.T. 0.00 min
Lab File: BF108693.D
Acq: 31 Aug 2018 17:08

Tgt Ion	Ratio	Resp Lower	Upper
82	100		
128	40.3	36.1	54.1
54	58.9	41.4	62.2





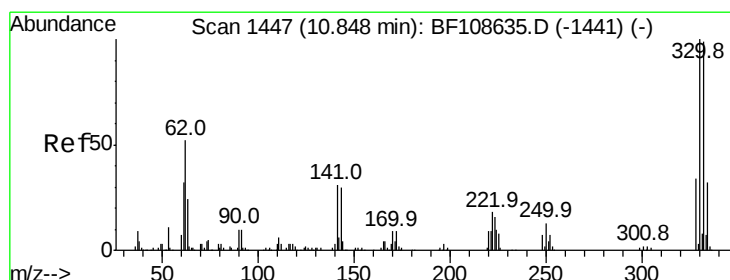
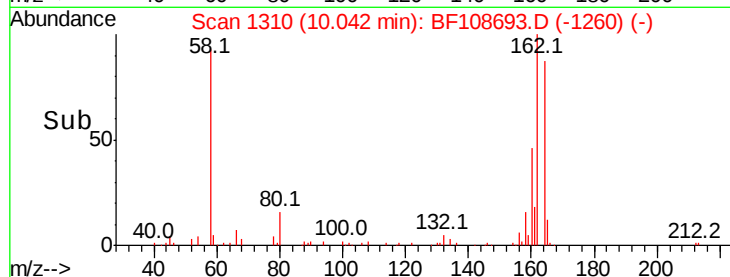
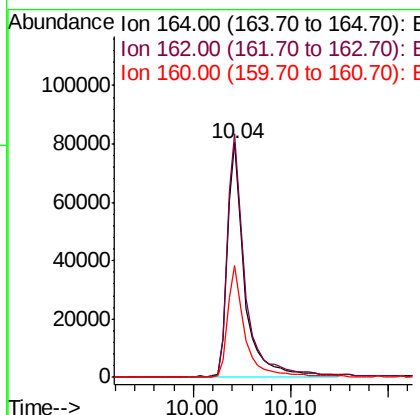
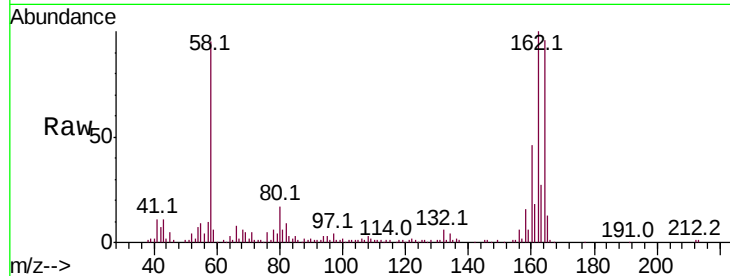
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.04 min Scan# 1310
Delta R.T. -0.01 min
Lab File: BF108693.D
Acq: 31 Aug 2018 17:08

Instrument :
BNA_F
ClientSampleId :
DW-09

Tot Ion	Ratio	Lower	Upper
164	100		
162	103.8	86.1	129.1
160	47.6	38.3	57.5

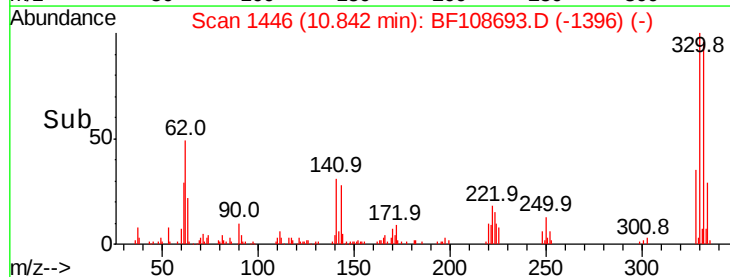
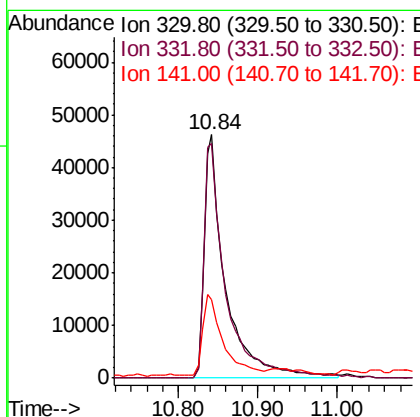
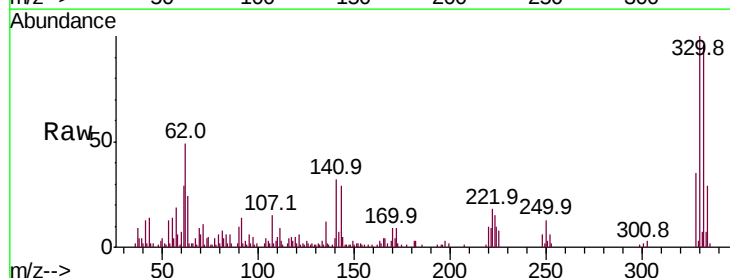
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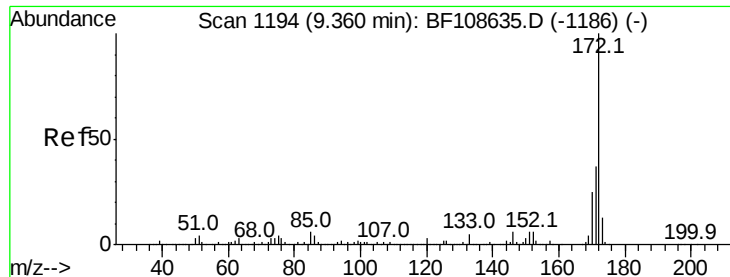
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#41
2,4,6-Tribromophenol
Concen: 65.395 ng
RT: 10.84 min Scan# 1446
Delta R.T. -0.01 min
Lab File: BF108693.D
Acq: 31 Aug 2018 17:08

Tgt Ion	Ratio	Lower	Upper
330	100		
332	99.1	77.0	115.6
141	31.8	29.9	44.9





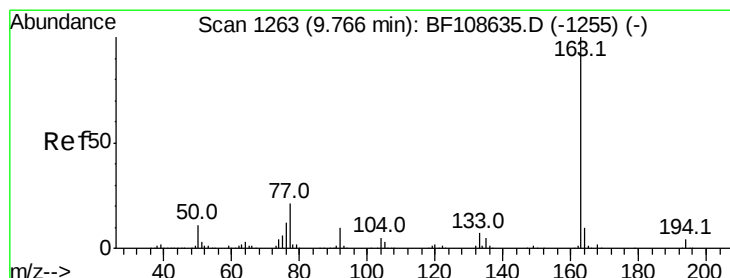
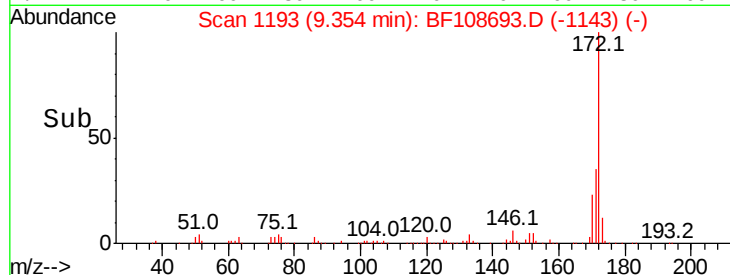
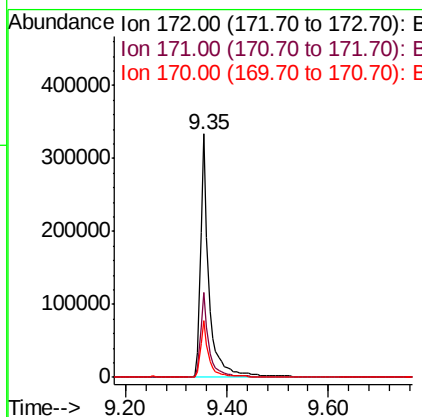
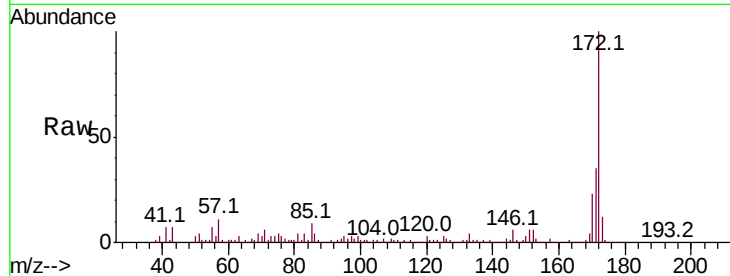
#44
2-Fluorobiphenyl
Concen: 52.843 ng
RT: 9.35 min Scan# 1193
Delta R.T. -0.01 min
Lab File: BF108693.D
Acq: 31 Aug 2018 17:08

Instrument :
BNA_F
ClientSampleId :
DW-09

Tot Ion	Ratio	Resp	Lower	Upper
172	100			
171	35.1	29.7	44.5	
170	23.3	19.6	29.4	

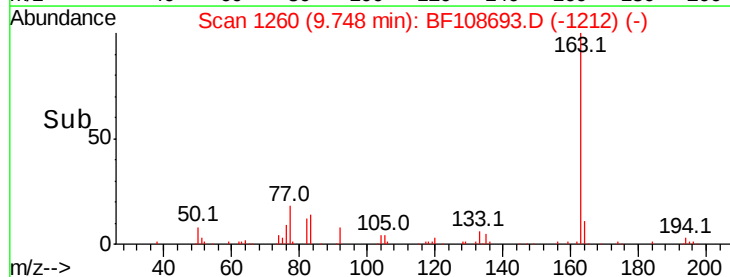
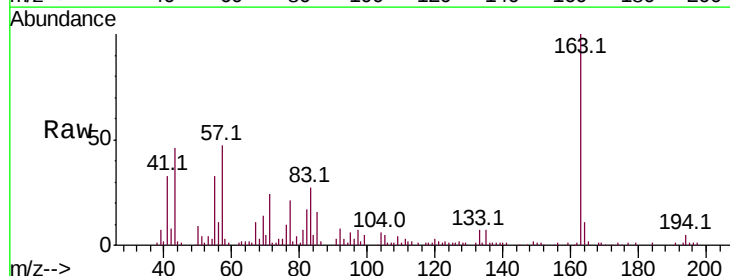
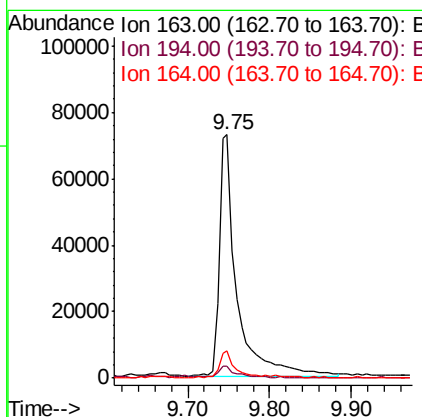
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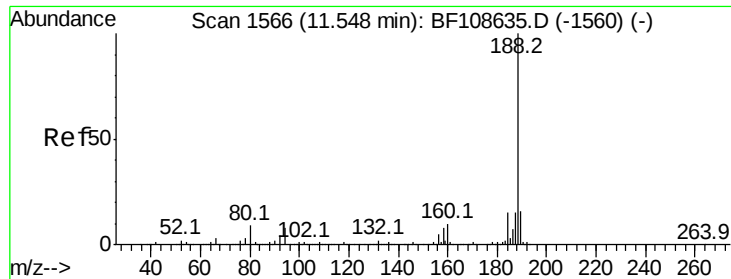
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#49
Dimethylphthalate
Concen: 13.961 ng
RT: 9.75 min Scan# 1260
Delta R.T. -0.02 min
Lab File: BF108693.D
Acq: 31 Aug 2018 17:08

Tgt Ion	Ratio	Resp	Lower	Upper
163	100			
194	4.8	2.7	4.1#	
164	11.1	8.2	12.2	





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.55 min Scan# 1566

Delta R.T. 0.00 min

Lab File: BF108693.D

Acq: 31 Aug 2018 17:08

Instrument :

BNA_F

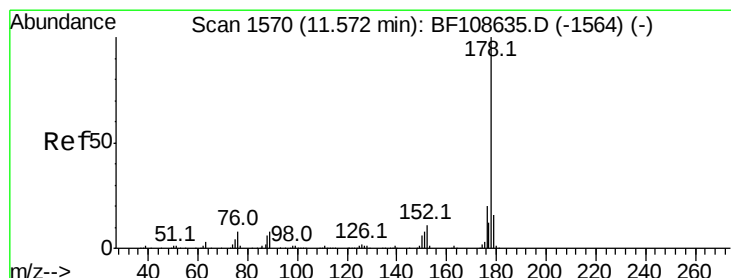
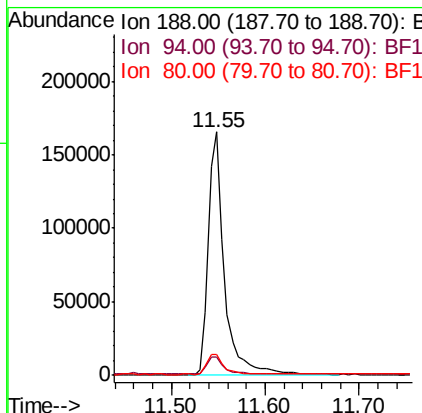
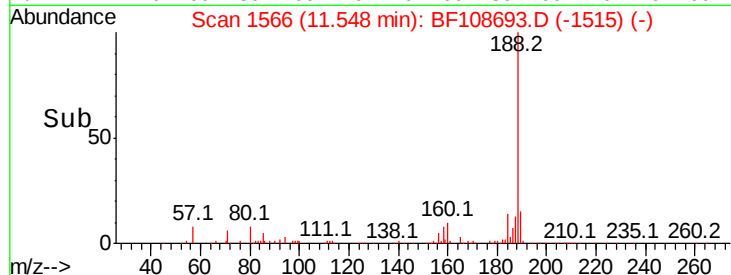
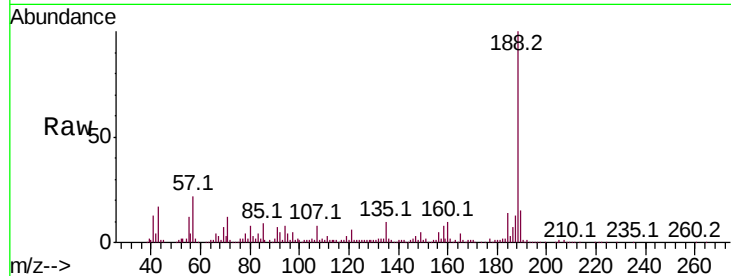
ClientSampled :

DW-09

Tot Ion:188	Resp: 203034
Ion Ratio	Lower Upper
188 100	
94 7.7	8.5 12.7#
80 8.5	9.2 13.8#

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#70

Phenanthrene

Concen: 21.040 ng

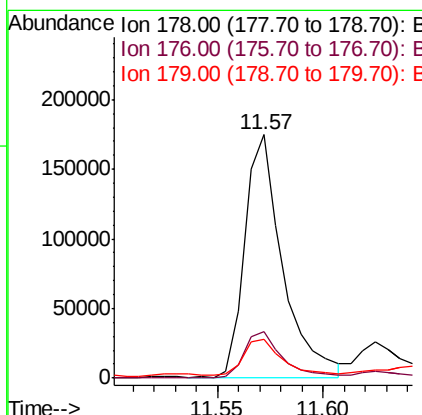
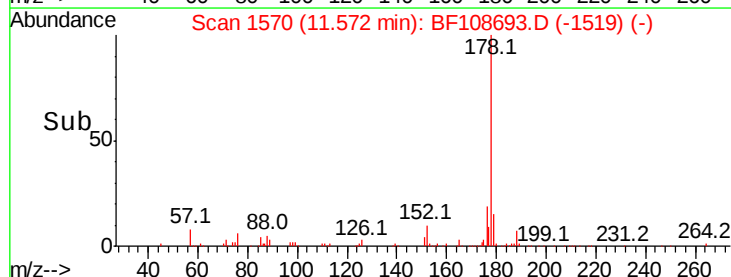
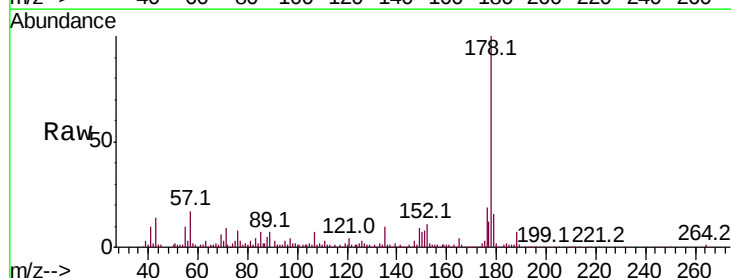
RT: 11.57 min Scan# 1570

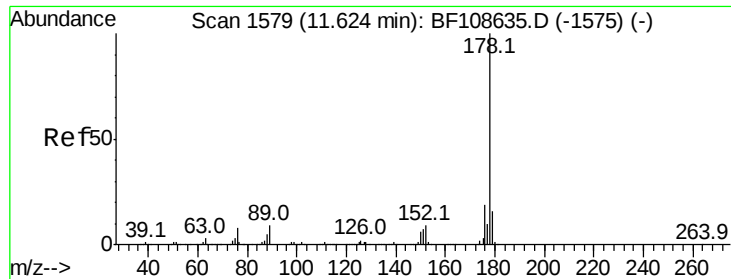
Delta R.T. 0.00 min

Lab File: BF108693.D

Acq: 31 Aug 2018 17:08

Tgt Ion:178	Resp: 215626
Ion Ratio	Lower Upper
178 100	
176 19.1	15.8 23.8
179 15.7	13.0 19.6





#71

Anthracene

Concen: 5.299 ng

RT: 11.62 min Scan# 1579

Delta R.T. 0.00 min

Lab File: BF108693.D

Acq: 31 Aug 2018 17:08

Instrument :

BNA_F

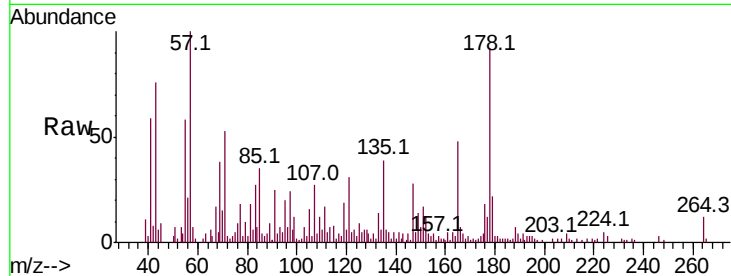
ClientSampled :

DW-09

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.4	23.2
179	24.1	12.6	19.0

Manual Integrations
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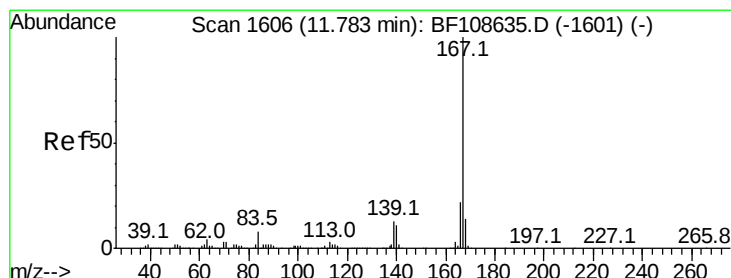
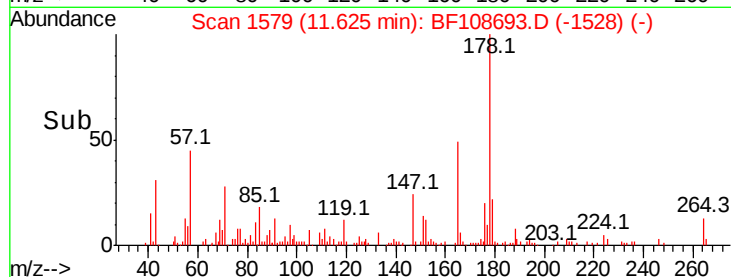
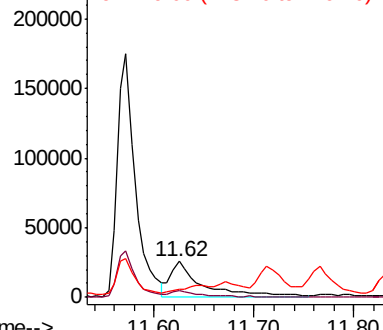


Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 2.987 ng

RT: 11.80 min Scan# 1608

Delta R.T. 0.01 min

Lab File: BF108693.D

Acq: 31 Aug 2018 17:08

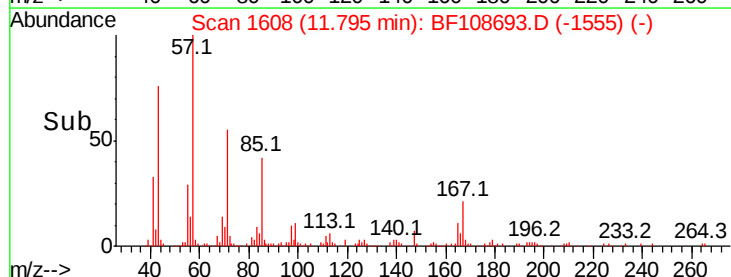
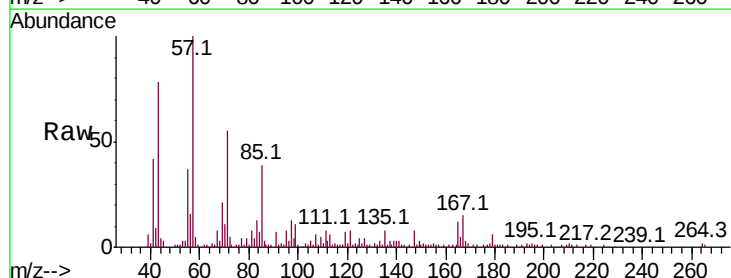
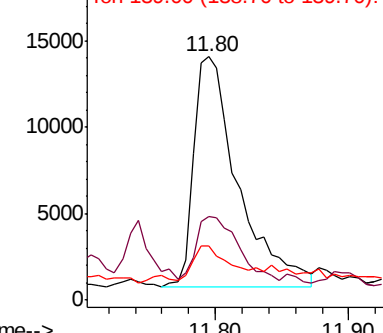
Tgt Ion	Ratio	Lower	Upper
167	100		
166	34.6	17.6	26.4
139	22.4	10.9	16.3

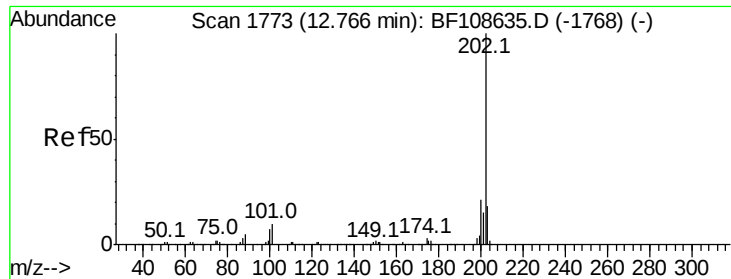
Abundance

Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#74

Fluoranthene

Concen: 67.667 ng

RT: 12.77 min Scan# 1773

Delta R.T. 0.00 min

Lab File: BF108693.D

Acq: 31 Aug 2018 17:08

Instrument :

BNA_F

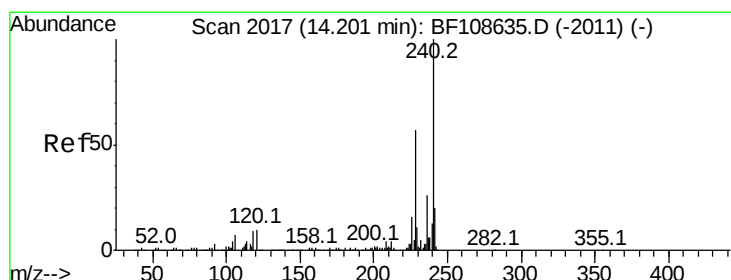
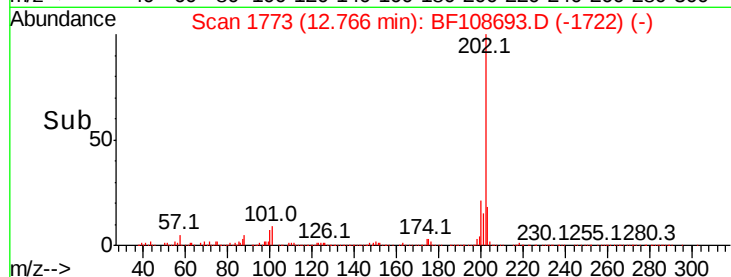
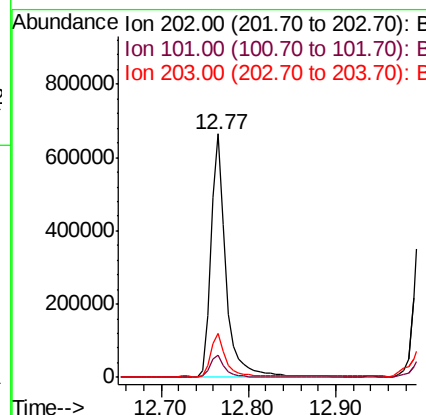
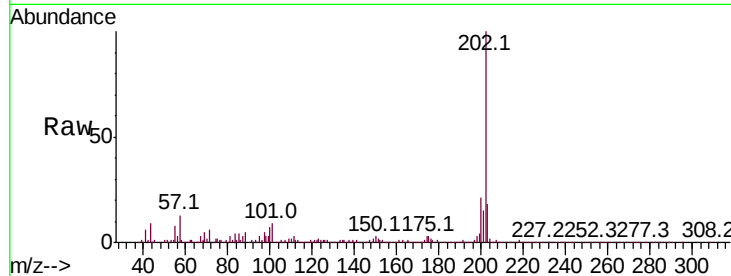
ClientSampled :

DW-09

Tot Ion	Ratio	Resp	Lower	Upper
202	100	780568		
101	9.0	0.0	34.1	
203	18.0	0.0	38.1	

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#75

Chrysene-d12

Concen: 20.000 ng

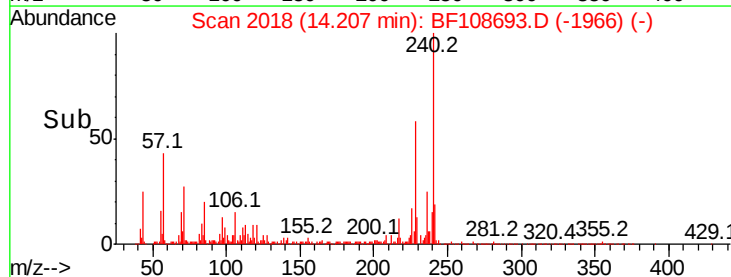
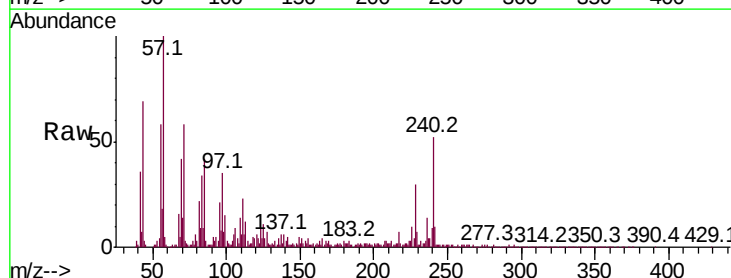
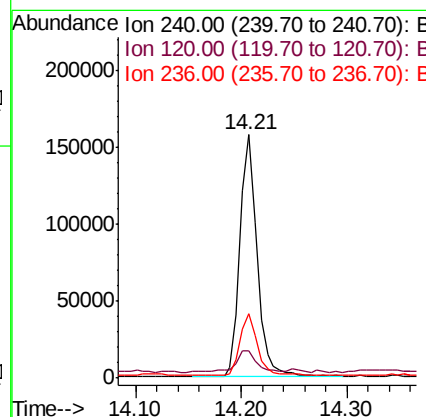
RT: 14.21 min Scan# 2018

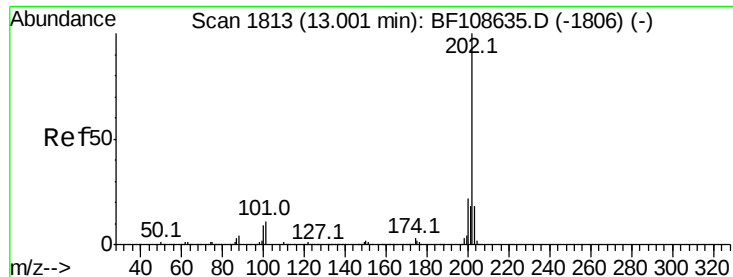
Delta R.T. 0.01 min

Lab File: BF108693.D

Acq: 31 Aug 2018 17:08

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	176039		
120	11.1	9.5	14.3	
236	26.4	20.7	31.1	





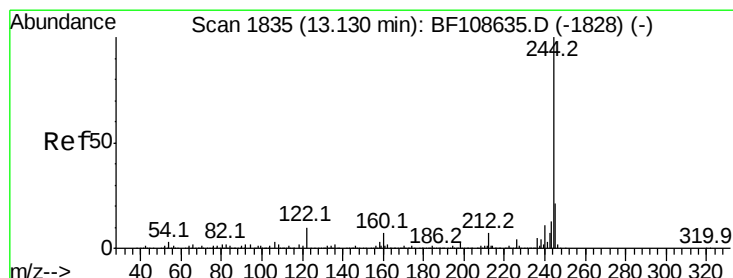
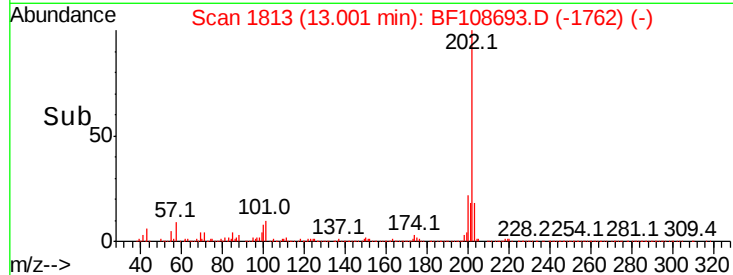
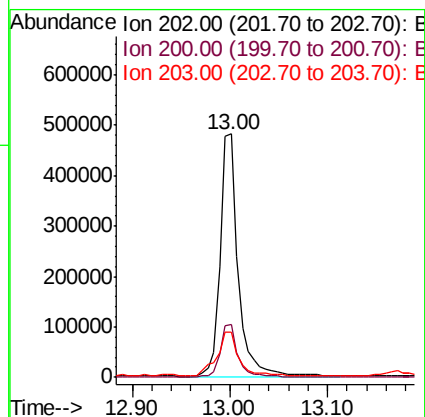
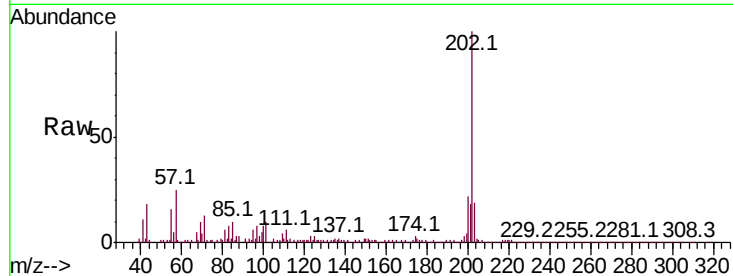
#77
Pvrene
Concen: 46.756 ng
RT: 13.00 min Scan# 1813
Delta R.T. 0.00 min
Lab File: BF108693.D
Acq: 31 Aug 2018 17:08

Instrument :
BNA_F
ClientSampleId :
DW-09

Tot Ion:	202	Resp:	618735
Ion Ratio	Lower	Upper	
202	100		
200	21.6	17.4	26.2
203	18.8	14.3	21.5

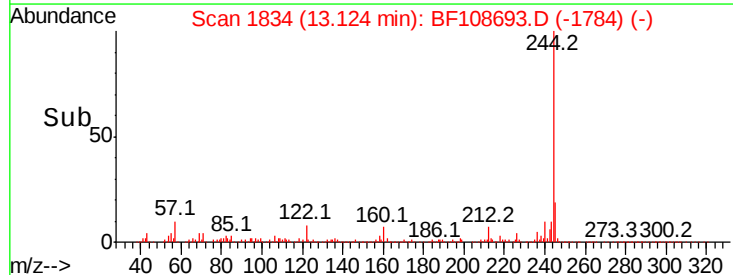
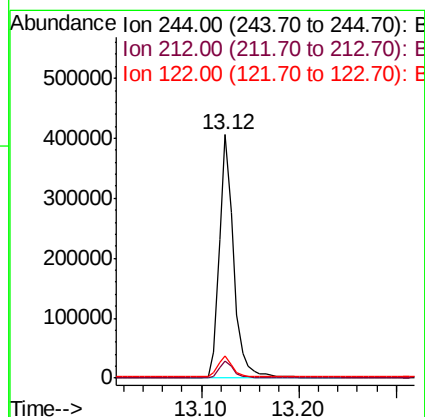
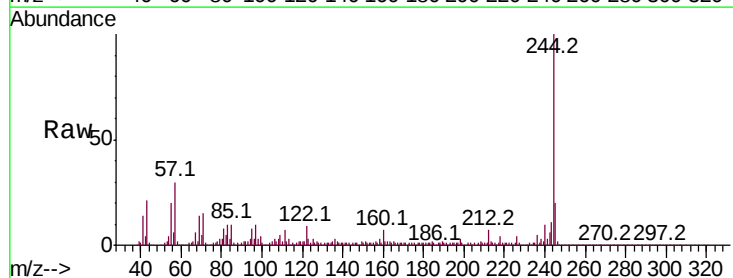
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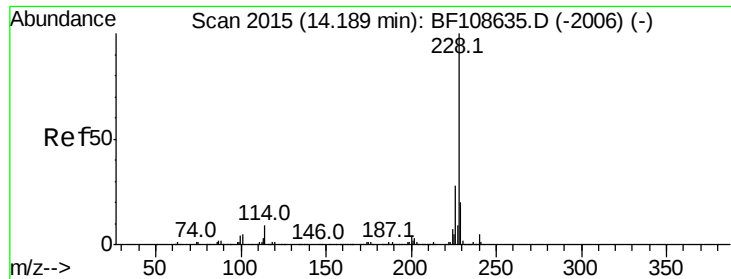
Sohil
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#78
Terphenyl-d14
Concen: 45.640 ng
RT: 13.12 min Scan# 1834
Delta R.T. -0.01 min
Lab File: BF108693.D
Acq: 31 Aug 2018 17:08

Tgt Ion:	244	Resp:	413513
Ion Ratio	Lower	Upper	
244	100		
212	7.2	5.4	8.0
122	9.1	11.0	16.4#





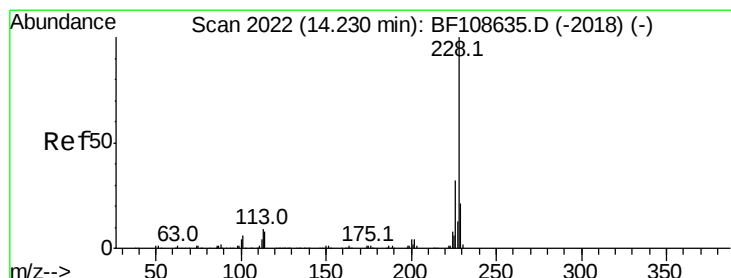
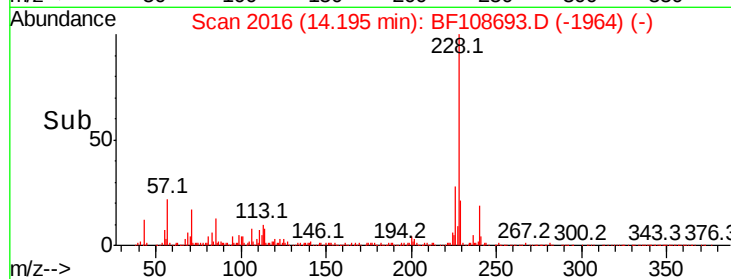
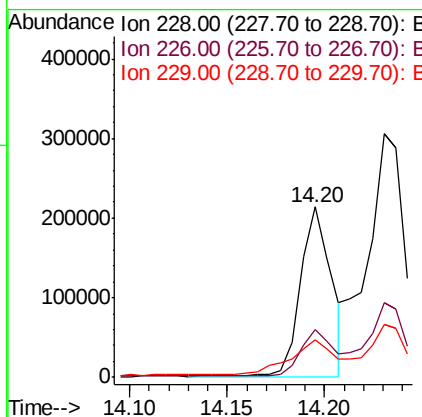
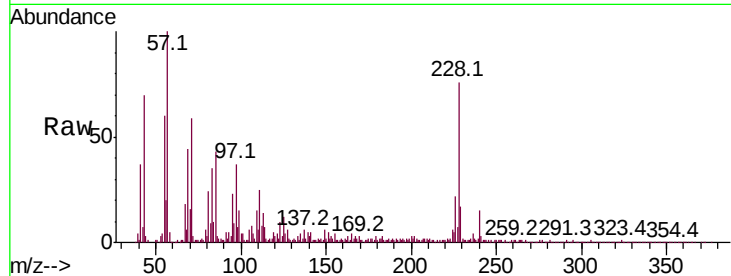
#80
Benzo(a)anthracene
Concen: 21.763 ng
RT: 14.20 min Scan# 2016
Delta R.T. 0.01 min
Lab File: BF108693.D
Acq: 31 Aug 2018 17:08

Instrument :
BNA_F
ClientSampleId :
DW-09

Tot Ion	Ratio	Lower	Upper
228	100		
226	28.3	22.6	33.8
229	22.1	15.8	23.6

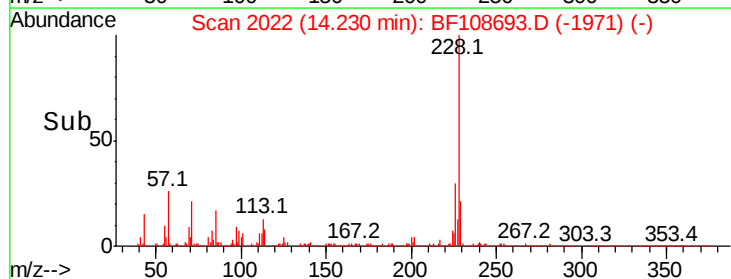
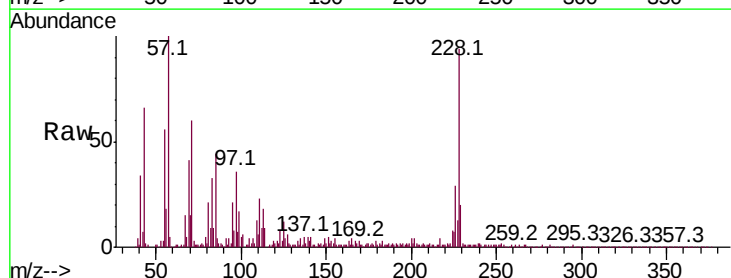
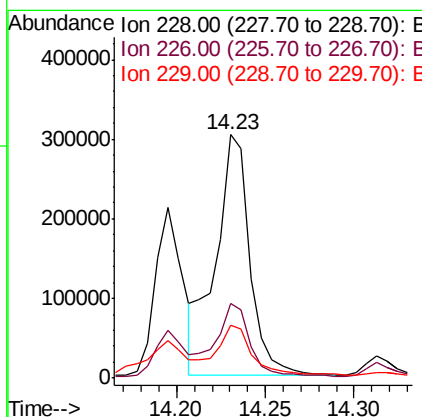
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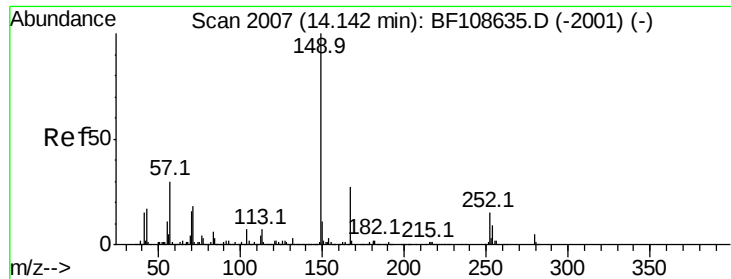
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#82
Chrysene
Concen: 40.099 ng m
RT: 14.23 min Scan# 2022
Delta R.T. 0.00 min
Lab File: BF108693.D
Acq: 31 Aug 2018 17:08

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.9	25.0	37.6
229	21.7	16.2	24.4





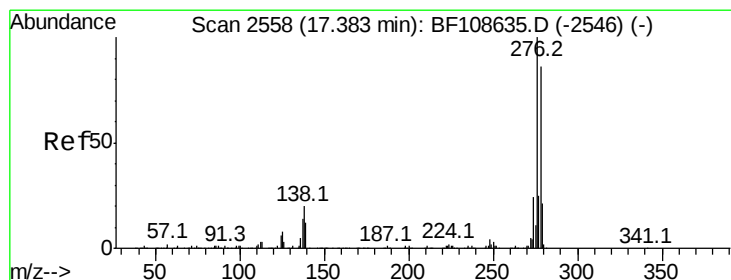
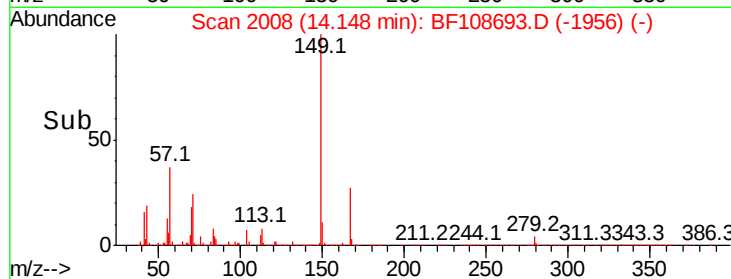
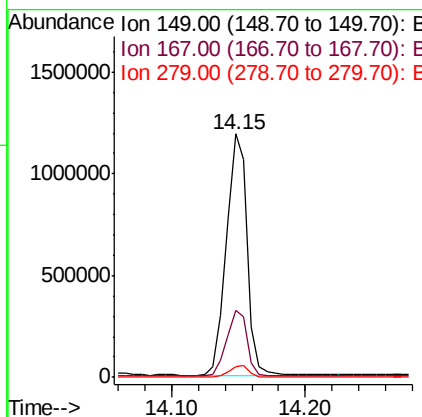
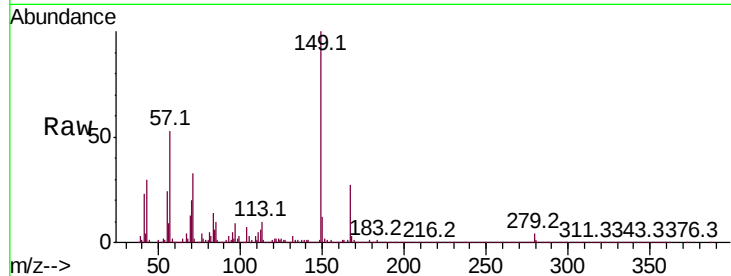
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 182.385 ng
 RT: 14.15 min Scan# 2008
 Delta R.T. 0.01 min
 Lab File: BF108693.D
 Acq: 31 Aug 2018 17:08

Instrument :
 BNA_F
 ClientSampleId :
 DW-09

Tot Ion	Ratio	Lower	Upper
149	100		
167	27.3	21.3	31.9
279	4.5	3.0	4.4

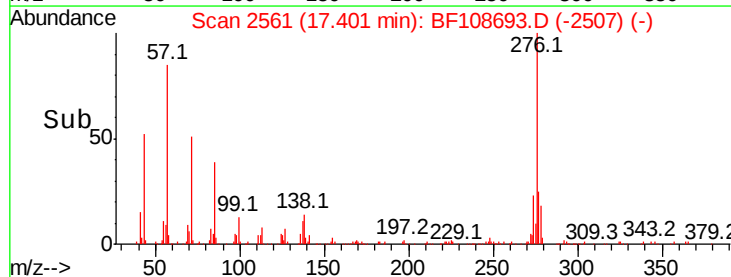
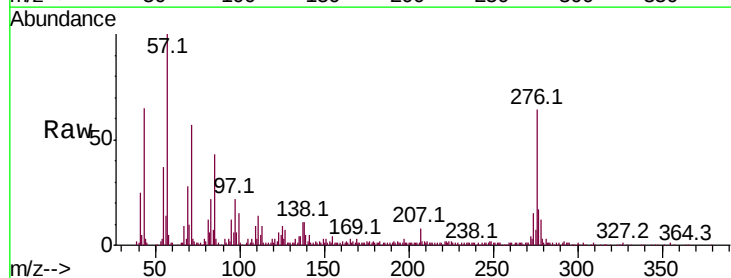
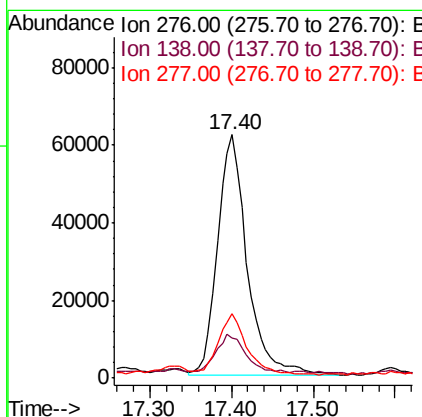
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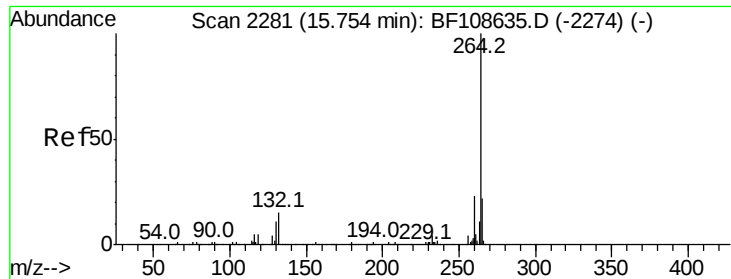
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#85
 Indeno(1,2,3-cd)pyrene
 Concen: 21.785 ng
 RT: 17.40 min Scan# 2561
 Delta R.T. 0.02 min
 Lab File: BF108693.D
 Acq: 31 Aug 2018 17:08

Tgt Ion	Ratio	Lower	Upper
276	100		
138	15.2	25.0	37.6
277	24.4	20.1	30.1





#86

Pervlene-d12

Concen: 20.000 ng

RT: 15.78 min Scan# 2285

Delta R.T. 0.02 min

Lab File: BF108693.D

Acq: 31 Aug 2018 17:08

Instrument :

BNA_F

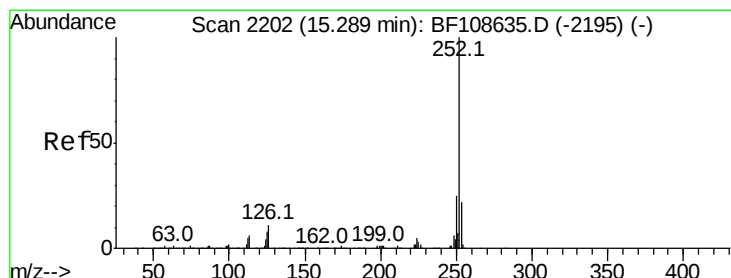
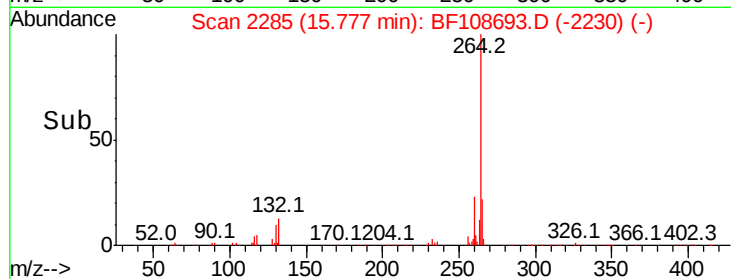
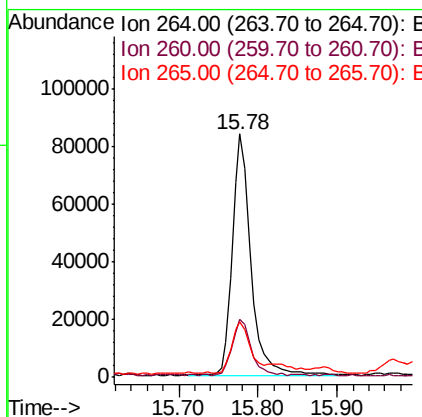
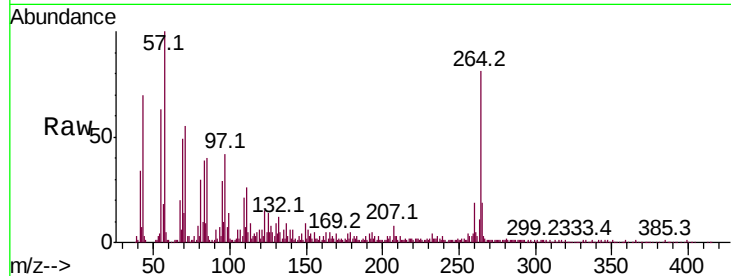
ClientSampleId :

DW-09

Tot Ion:	264	Resp:	137335
Ion Ratio	Lower	Upper	
264	100		
260	23.9	19.2	28.8
265	23.0	17.5	26.3

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#87

Benzo(b)fluoranthene

Concen: 51.547 ng m

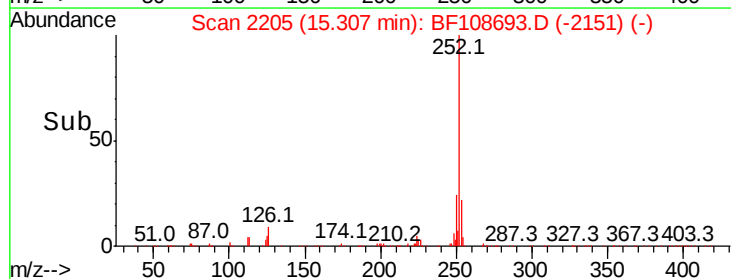
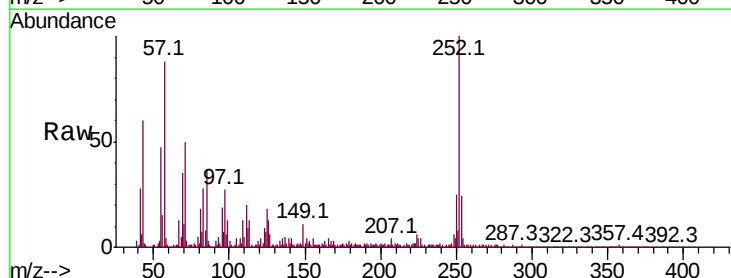
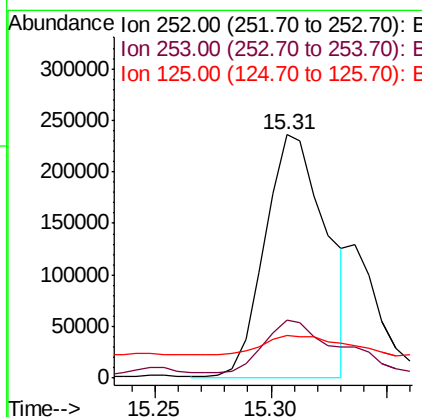
RT: 15.31 min Scan# 2205

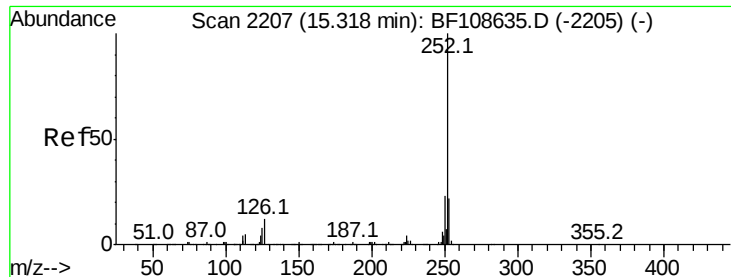
Delta R.T. 0.02 min

Lab File: BF108693.D

Acq: 31 Aug 2018 17:08

Tgt Ion:	252	Resp:	434869
Ion Ratio	Lower	Upper	
252	100		
253	23.8	17.0	25.6
125	17.5	9.0	13.6#





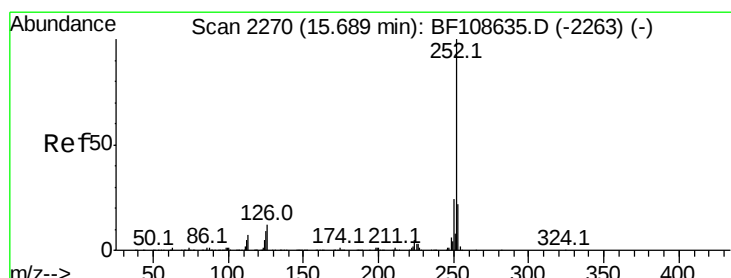
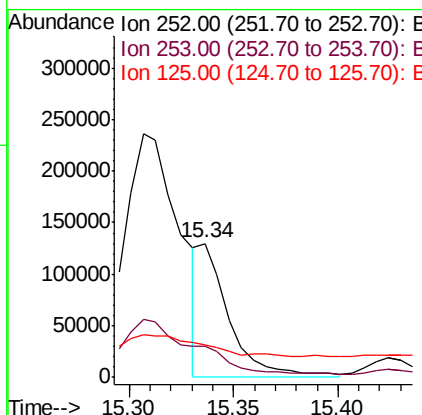
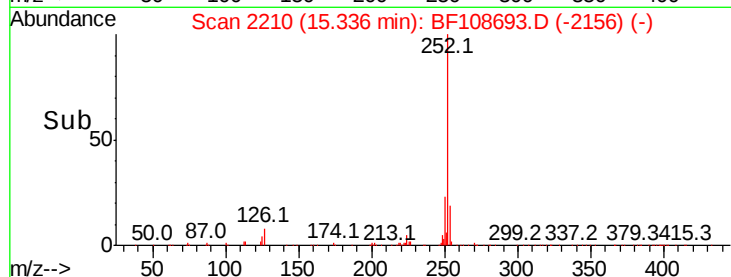
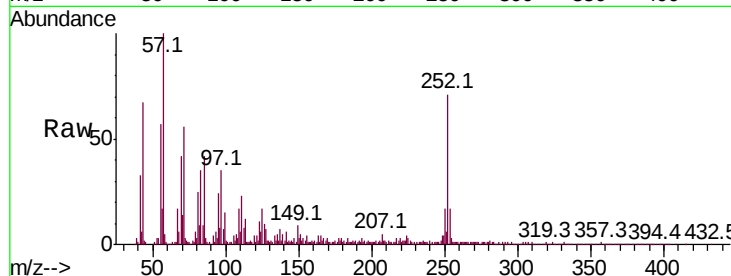
#88
Benzo(k)fluoranthene
Concen: 15.291 ng m
RT: 15.34 min Scan# 2210
Delta R.T. 0.02 min
Lab File: BF108693.D
Acq: 31 Aug 2018 17:08

Instrument :
BNA_F
ClientSampleId :
DW-09

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.7	17.9	26.9
125	24.6	10.2	15.2

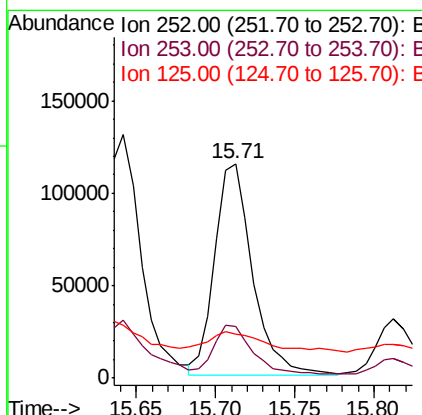
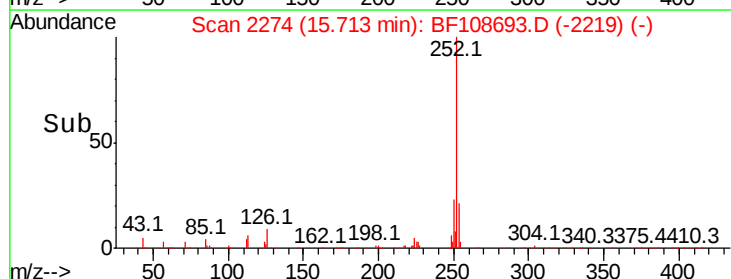
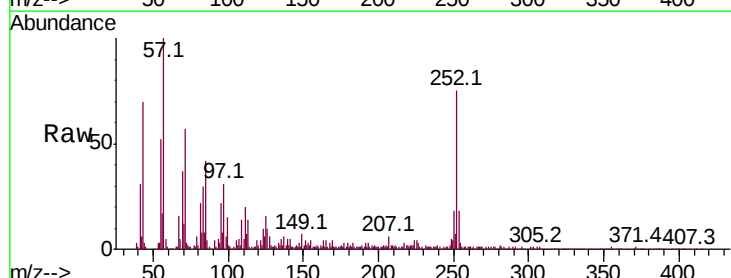
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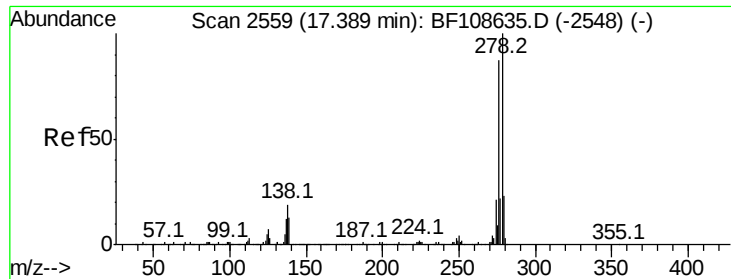
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#89
Benzo(a)pyrene
Concen: 25.062 ng
RT: 15.71 min Scan# 2274
Delta R.T. 0.02 min
Lab File: BF108693.D
Acq: 31 Aug 2018 17:08

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.9	17.1	25.7
125	20.7	9.8	14.6





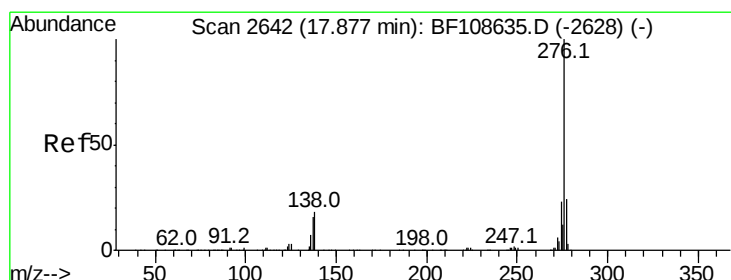
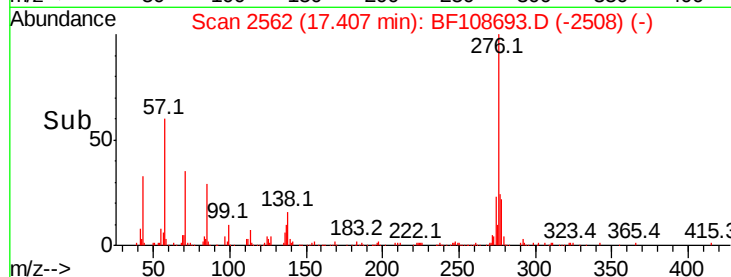
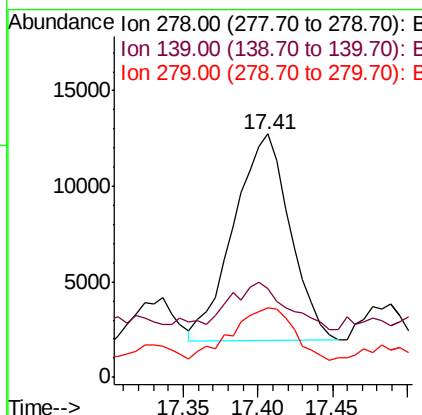
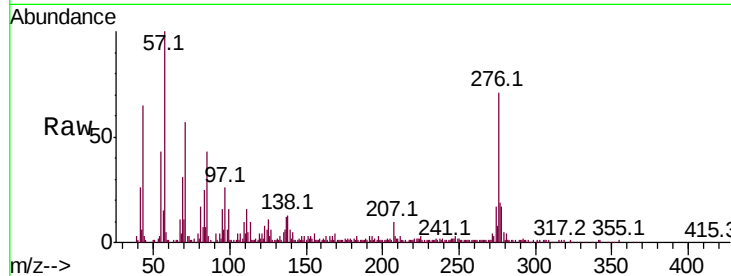
#90
Dibenzo(a,h)anthracene
Concen: 4.648 ng
RT: 17.41 min Scan# 2562
Delta R.T. 0.02 min
Lab File: BF108693.D
Acq: 31 Aug 2018 17:08

Instrument :
BNA_F
ClientSampleId :
DW-09

Tot Ion	Ratio	Lower	Upper
278	100		
139	36.5	15.9	23.9#
279	28.6	19.0	28.4#

Manual Integrations
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9/4/2018 3:53:11 PM



#91
Benzo(g,h,i)perylene
Concen: 26.941 ng
RT: 17.89 min Scan# 2645
Delta R.T. 0.02 min
Lab File: BF108693.D
Acq: 31 Aug 2018 17:08

Tgt Ion	Ratio	Lower	Upper
276	100		
277	26.4	17.9	26.9
138	19.8	21.8	32.8#

