

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101518\
 Data File : BF109893.D
 Acq On : 15 Oct 2018 21:41
 Operator : JU/SJ
 Sample : J5198-17
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CL-02-101218-D

Manual Integrations
 APPROVED

Sohil
 10/16/2018 9:57:41 AM

Quant Time: Oct 16 02:07:30 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF101518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 15 18:09:48 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.98	152	209375	20.00	ng	0.00
21) Naphthalene-d8	8.26	136	715512	20.00	ng	0.00
39) Acenaphthene-d10	10.02	164	270854	20.00	ng	0.00
64) Phenanthrene-d10	11.51	188	510066	20.00	ng	0.00
76) Chrysene-d12	14.15	240	562655	20.00	ng	0.00
87) Perylene-d12	15.67	264	425433	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	1020795	77.28	ng	0.00
7) Phenol-d6	6.59	99	1232418	75.14	ng	0.00
23) Nitrobenzene-d5	7.53	82	693770	65.32	ng	-0.01
42) 2,4,6-Tribromophenol	10.80	330	204892	87.37	ng	0.00
45) 2-Fluorobiphenyl	9.33	172	1038842	61.20	ng	0.00
79) Terphenyl-d14	13.09	244	1061994	39.64	ng	0.00
Target Compounds						
10) Phenol	6.60	94	40290	2.275	ng	Qvalue # 76
50) Dimethylphthalate	9.72	163	100656	5.248	ng	98
71) Phenanthrene	11.53	178	138777	5.255	ng	98
75) Fluoranthene	12.72	202	380978	14.442	ng	98
78) Pyrene	12.95	202	360060	8.713	ng	98
81) Benzo(a)anthracene	14.14	228	193170	5.829	ng	98
83) Chrysene	14.17	228	162360	5.147	ng	97
86) Indeno(1,2,3-cd)pyrene	17.22	276	59565	2.345	ng	93
88) Benzo(b)fluoranthene	15.22	252	186776m	7.615	ng	
89) Benzo(k)fluoranthene	15.24	252	56056m	2.319	ng	
90) Benzo(a)pyrene	15.60	252	123707	5.484	ng	# 95
92) Benzo(a,h,i)perylene	17.69	276	58090	2.876	ng	# 89

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

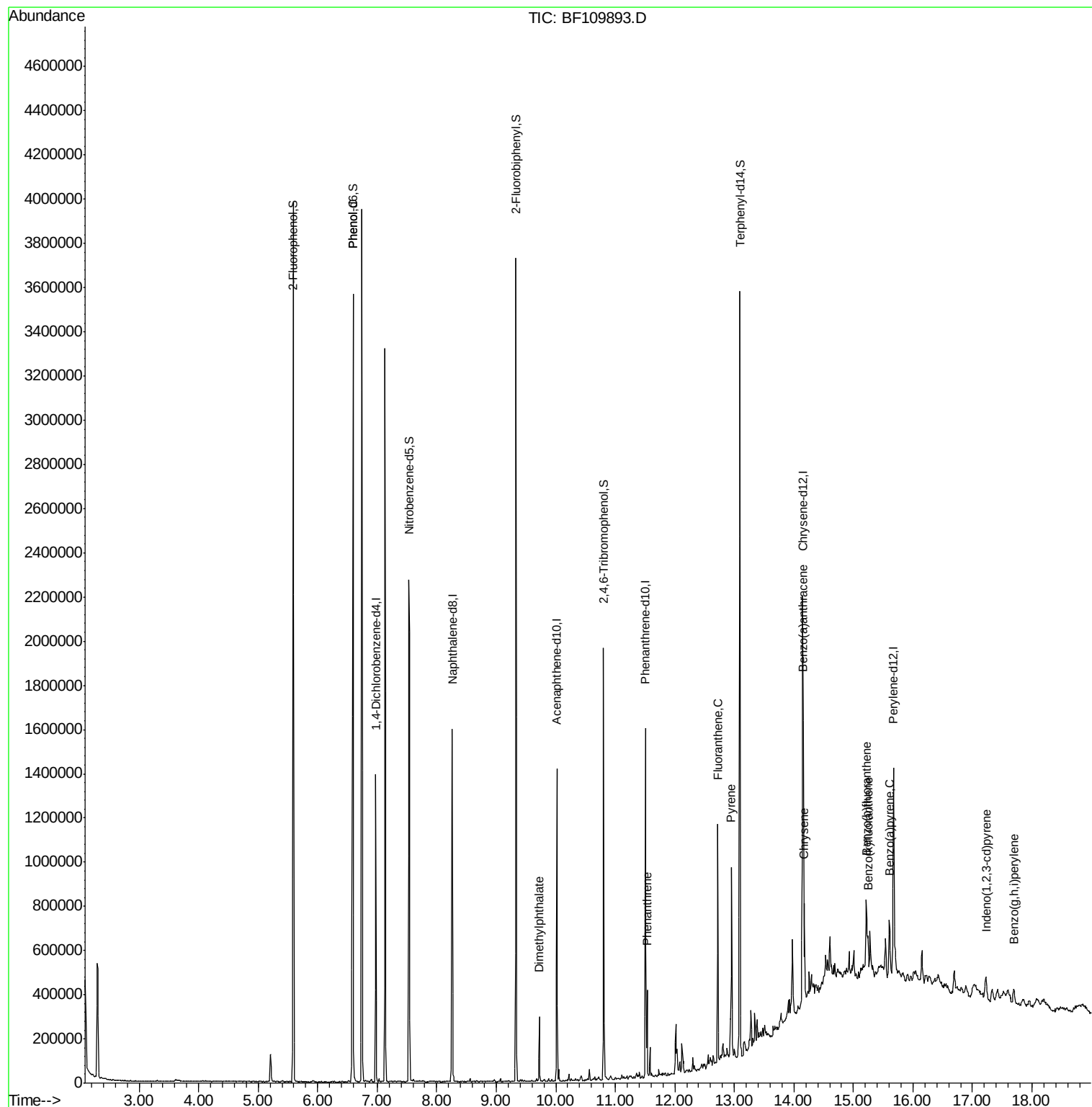
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101518\
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ALS Vial : 17 Sample Multiplier: 1

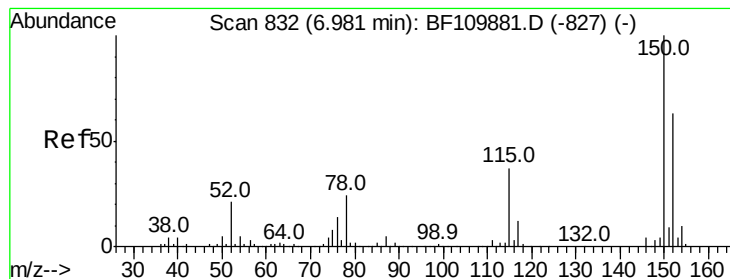
Instrument :
BNA_F
ClientSampleId :
CL-02-101218-D

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Quant Time: Oct 16 02:07:30 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF101518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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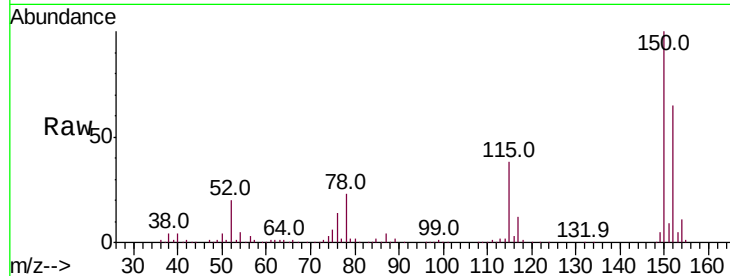
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.98 min Scan# 832
 Delta R.T. -0.00 min
 Lab File: BF109893.D
 Acq: 15 Oct 2018 21:41

Instrument :
 BNA_F
 ClientSampleId :
 CL-02-101218-D

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.9	122.7	184.1
115	58.3	49.1	73.7

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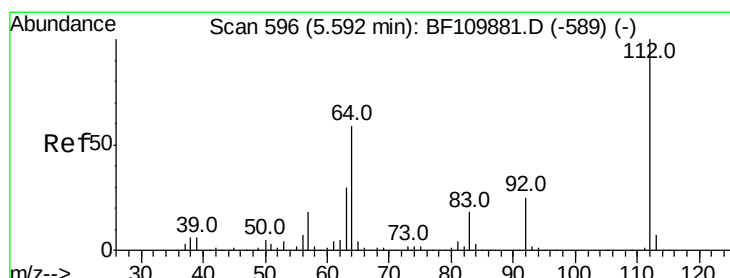
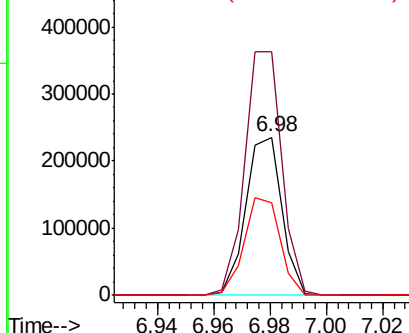
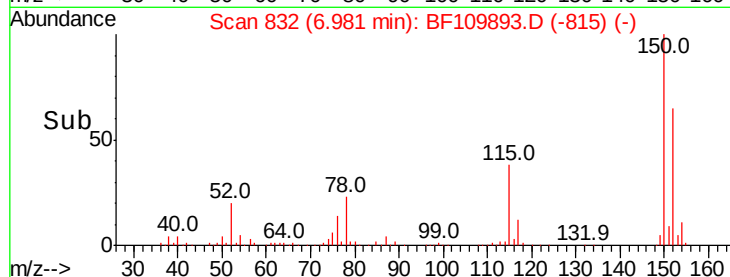


Abundance

Ion 152.00 (151.70 to 152.70): E

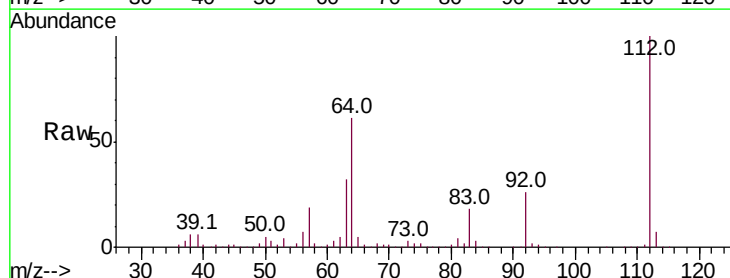
Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#5
 2-Fluorophenol
 Concen: 77.282 ng
 RT: 5.59 min Scan# 596
 Delta R.T. 0.00 min
 Lab File: BF109893.D
 Acq: 15 Oct 2018 21:41

Tgt Ion	Ratio	Lower	Upper
112	100		
64	61.0	44.1	66.1
63	31.7	23.7	35.5

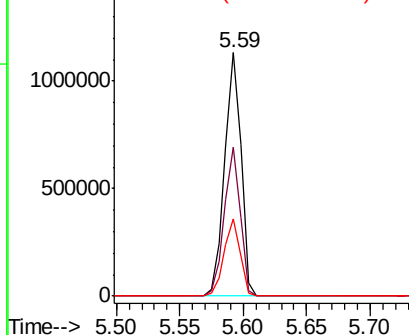
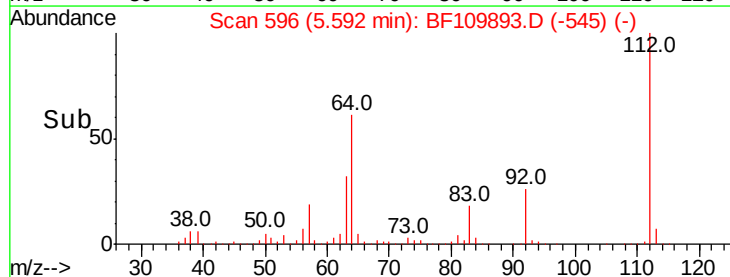


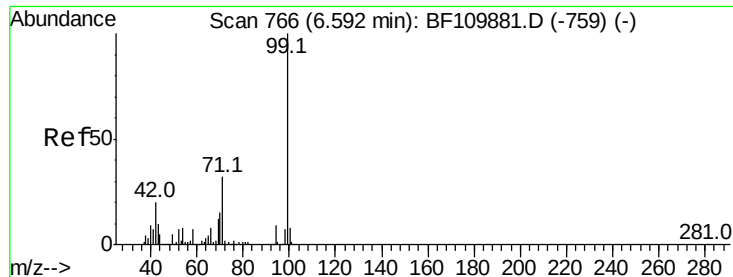
Abundance

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: 75.140 ng

RT: 6.59 min Scan# 766

Delta R.T. -0.00 min

Lab File: BF109893.D

Acq: 15 Oct 2018 21:41

Instrument :

BNA_F

ClientSampleId :

CL-02-101218-D

Tot Ion: 99 Resp: 1232418

Ion Ratio Lower Upper

99 100

42 17.9 15.8 23.6

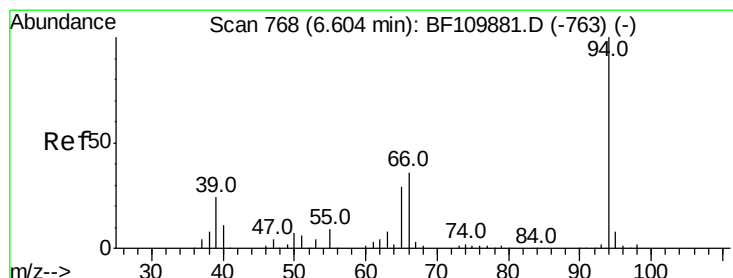
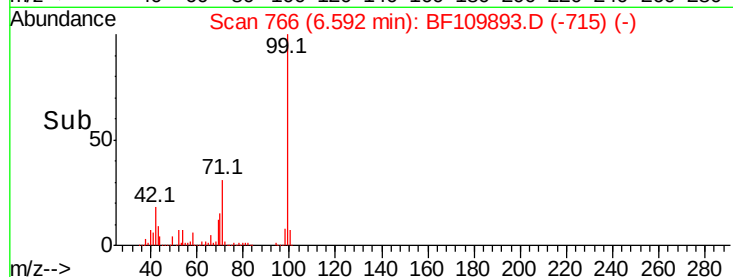
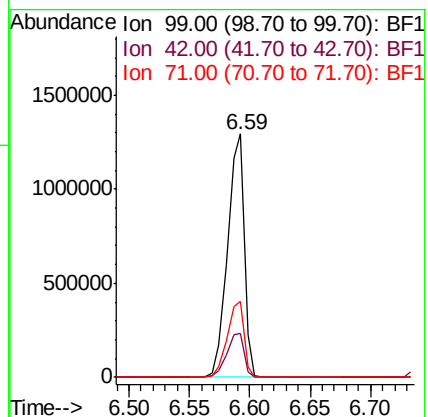
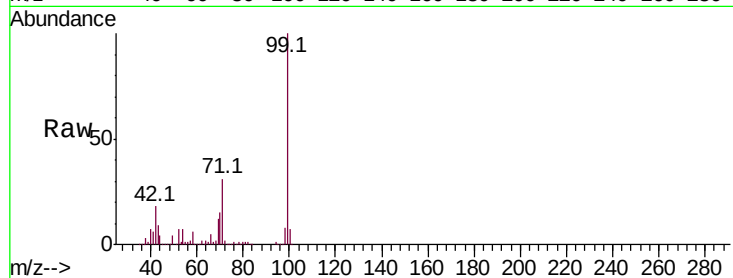
71 31.4 28.0 42.0

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#10

Phenol

Concen: 2.275 ng

RT: 6.60 min Scan# 767

Delta R.T. -0.01 min

Lab File: BF109893.D

Acq: 15 Oct 2018 21:41

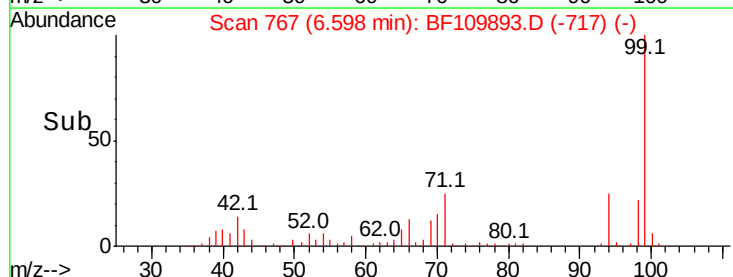
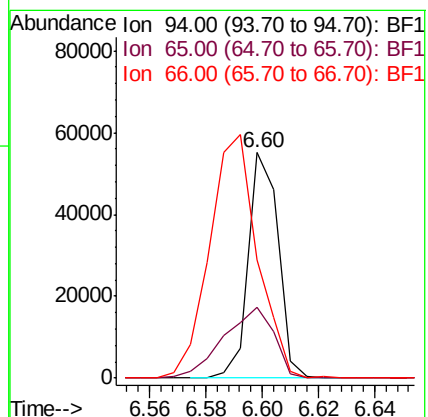
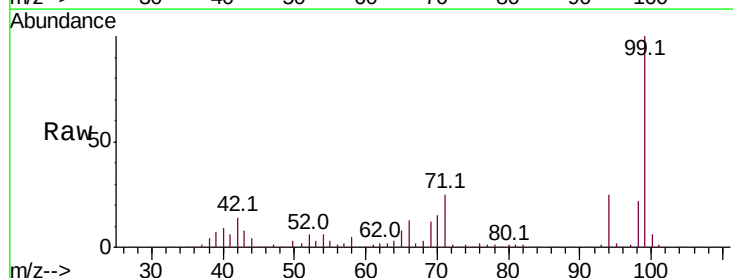
Tgt Ion: 94 Resp: 40290

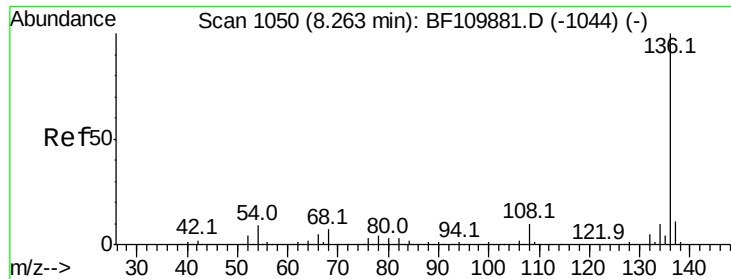
Ion Ratio Lower Upper

94 100

65 31.2 25.3 65.3

66 52.3 54.5 94.5#





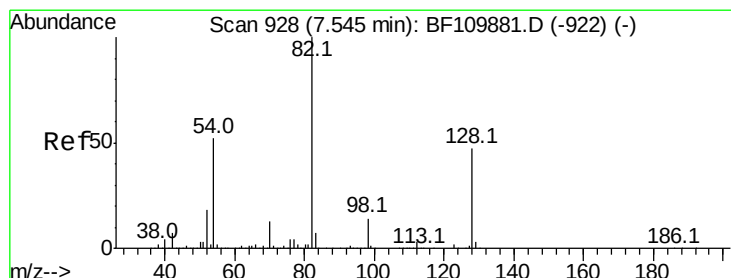
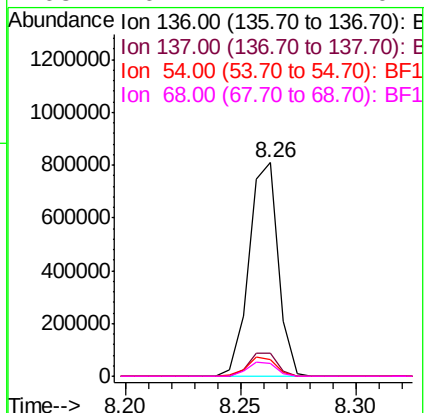
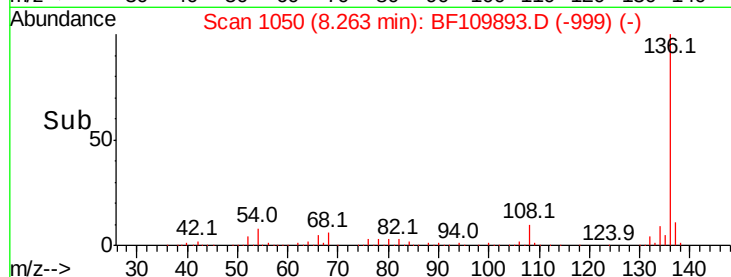
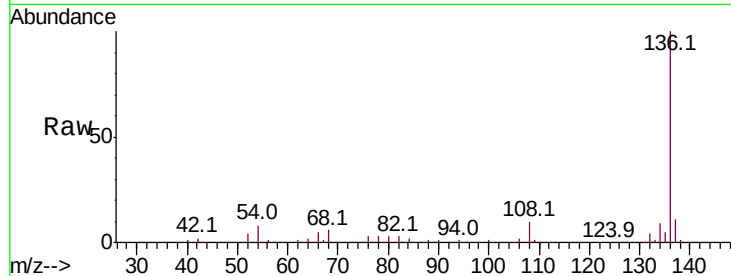
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.26 min Scan# 1050
Delta R.T. -0.00 min
Lab File: BF109893.D
Acq: 15 Oct 2018 21:41

Instrument :
BNA_F
ClientSampleId :
CL-02-101218-D

Tot Ion	Ratio	Resp	Lower	Upper
136	100	715512		
137	10.8		8.8	13.2
54	7.9		5.4	8.2
68	6.1		4.2	6.2

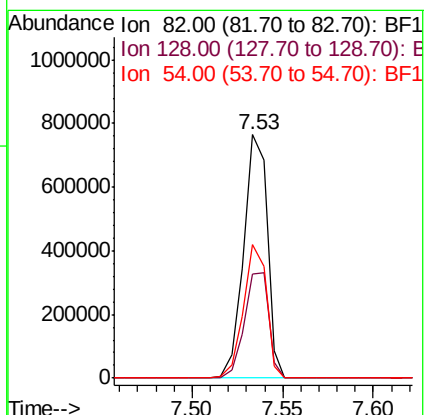
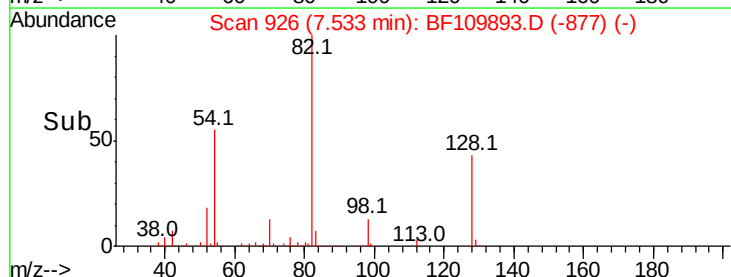
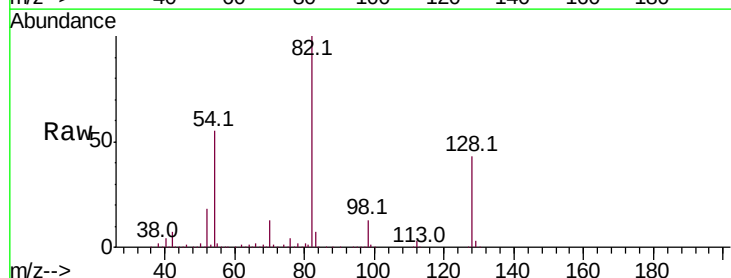
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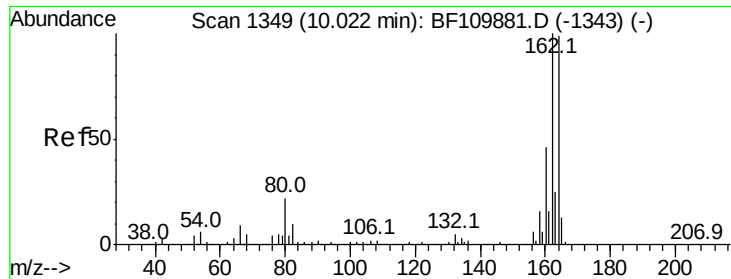
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#23
Nitrobenzene-d5
Concen: 65.317 ng
RT: 7.53 min Scan# 926
Delta R.T. -0.01 min
Lab File: BF109893.D
Acq: 15 Oct 2018 21:41

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	693770		
128	42.7		34.2	51.2
54	54.6		38.6	58.0





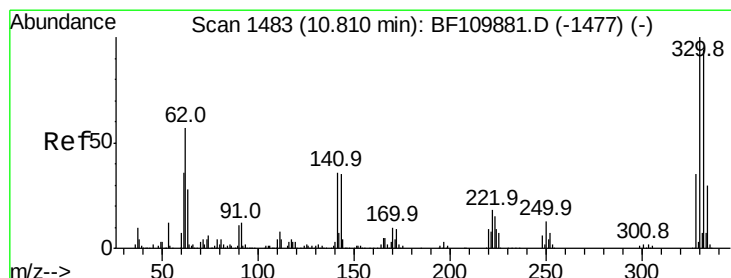
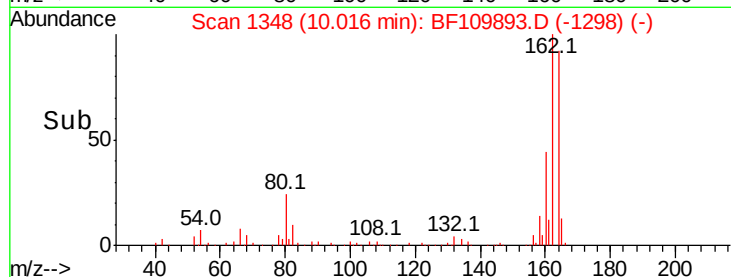
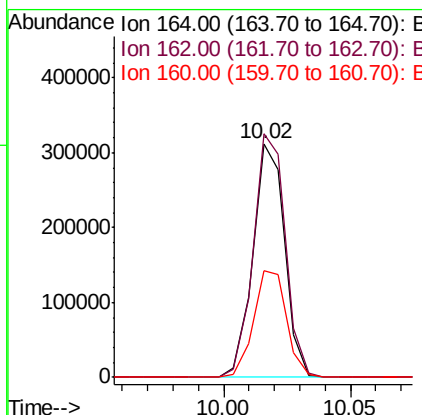
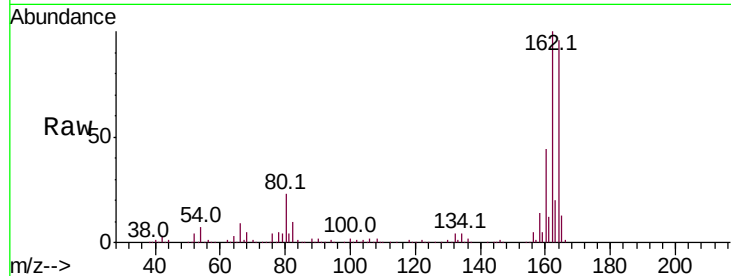
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.02 min Scan# 1348
Delta R.T. -0.01 min
Lab File: BF109893.D
Acq: 15 Oct 2018 21:41

Instrument :
BNA_F
ClientSampleId :
CL-02-101218-D

Tot Ion	Ratio	Resp	Lower	Upper
164	100	270854		
162	104.1	83.0	124.6	
160	45.7	37.0	55.6	

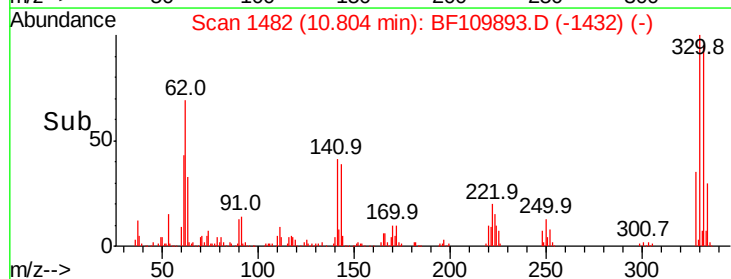
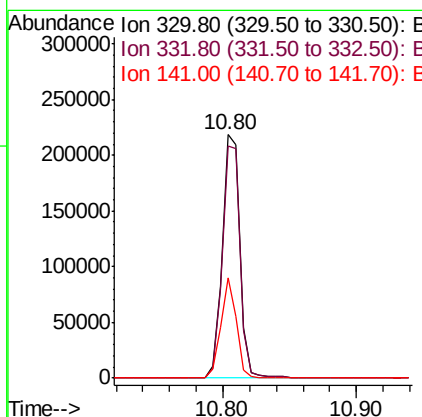
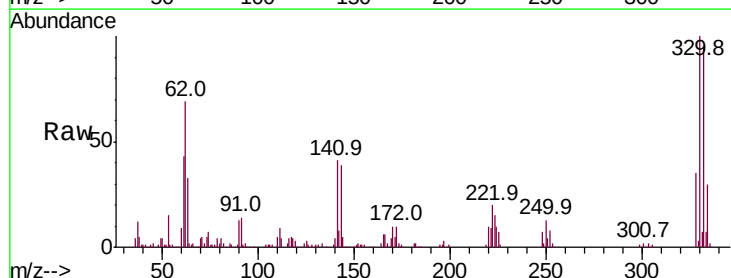
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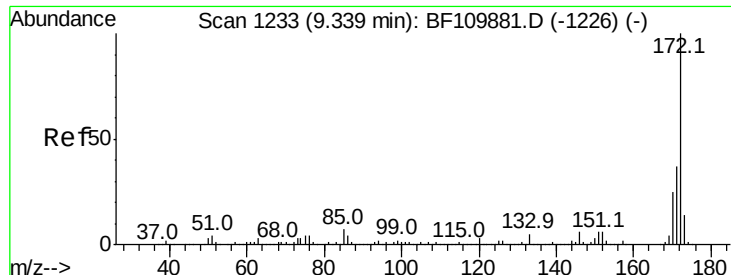
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#42
2,4,6-Tribromophenol
Concen: 87.375 ng
RT: 10.80 min Scan# 1482
Delta R.T. -0.01 min
Lab File: BF109893.D
Acq: 15 Oct 2018 21:41

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	204892		
332	96.5	77.1	115.7	
141	36.4	27.0	40.4	





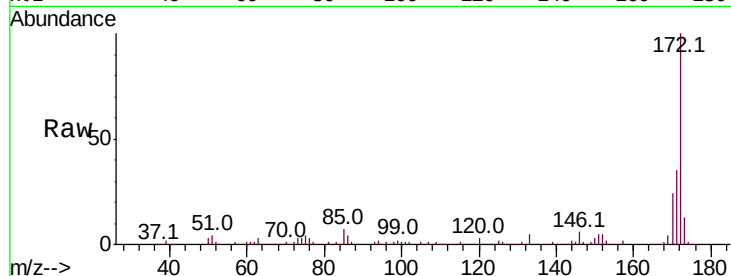
#45
2-Fluorobiphenyl
Concen: 61.200 ng
RT: 9.33 min Scan# 1232
Delta R.T. -0.01 min
Lab File: BF109893.D
Acq: 15 Oct 2018 21:41

Instrument :
BNA_F
ClientSampleId :
CL-02-101218-D

Tot Ion	Ratio	Lower	Upper
172	100		
171	34.9	28.6	43.0
170	23.7	19.7	29.5

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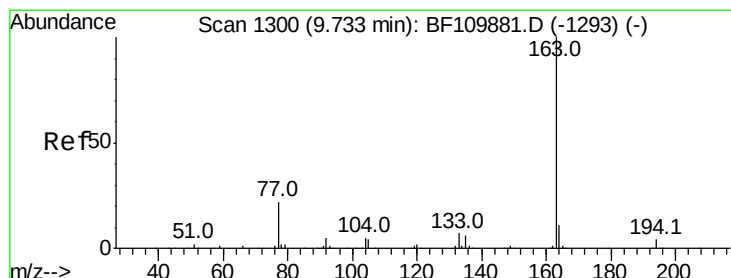
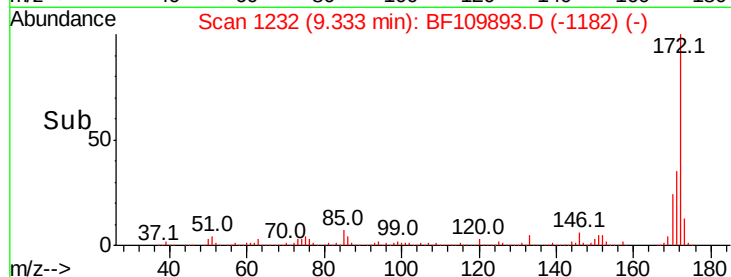
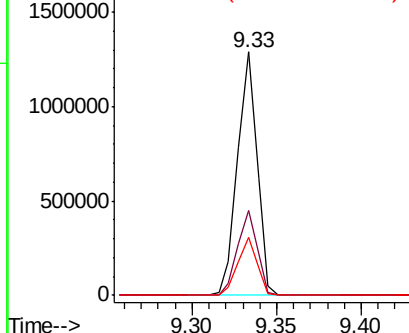


Abundance

Ion 172.00 (171.70 to 172.70): E

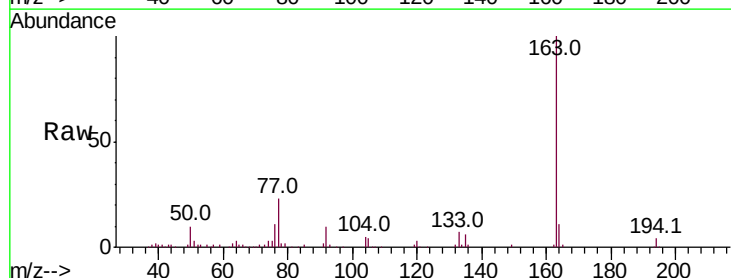
Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#50
Dimethylphthalate
Concen: 5.248 ng
RT: 9.72 min Scan# 1298
Delta R.T. -0.01 min
Lab File: BF109893.D
Acq: 15 Oct 2018 21:41

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.5	3.2	4.8
164	10.7	8.1	12.1

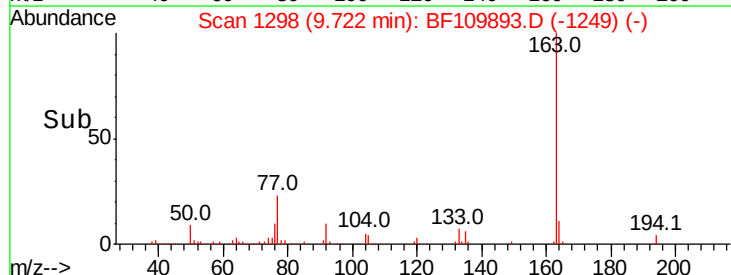
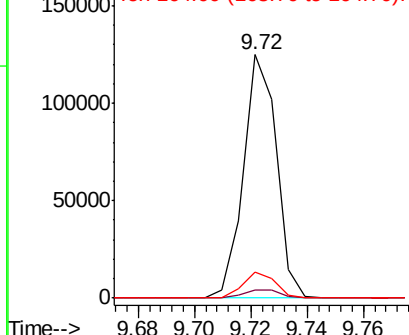


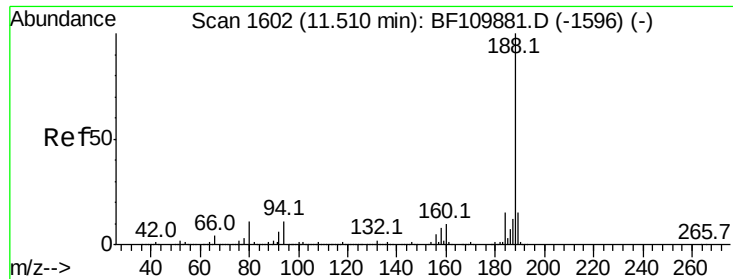
Abundance

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





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.51 min Scan# 1602

Delta R.T. -0.00 min

Lab File: BF109893.D

Acq: 15 Oct 2018 21:41

Instrument :

BNA_F

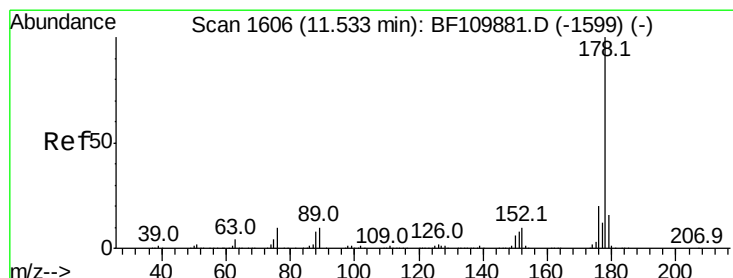
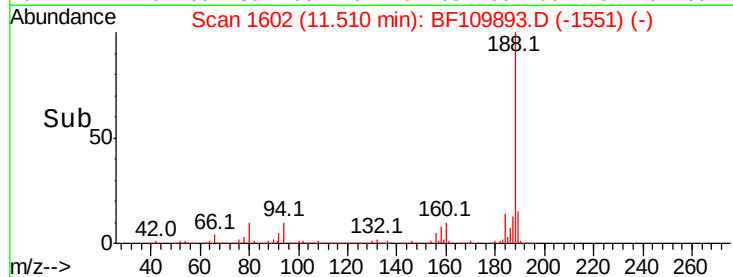
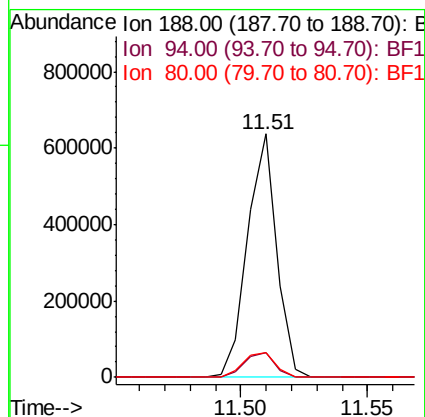
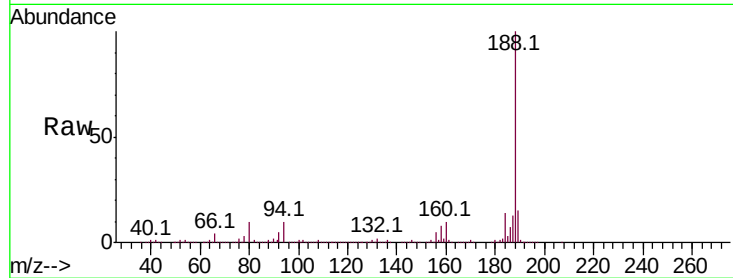
ClientSampleId :

CL-02-101218-D

Tot Ion:	188	Resp:	510066
Ion Ratio	Lower	Upper	
188	100		
94	10.1	7.2	10.8
80	10.2	7.9	11.9

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#71

Phenanthrene

Concen: 5.255 ng

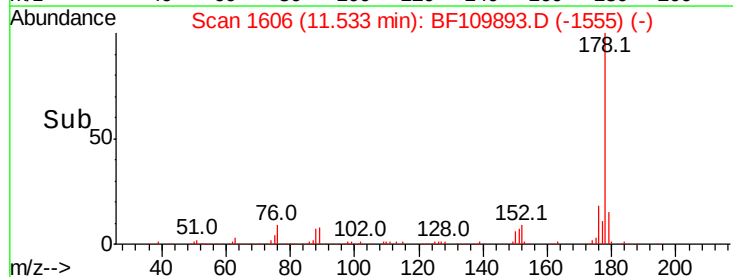
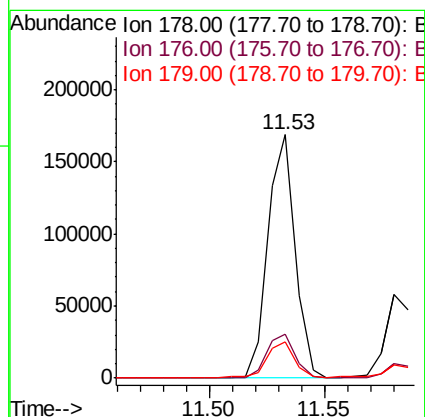
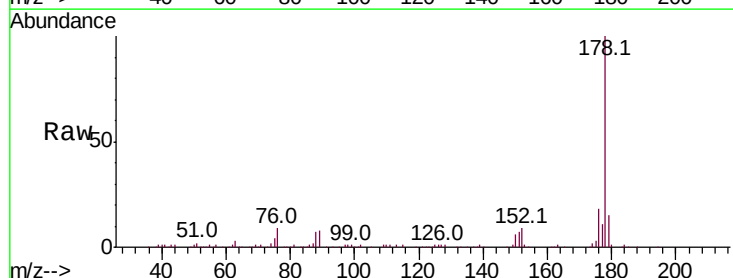
RT: 11.53 min Scan# 1606

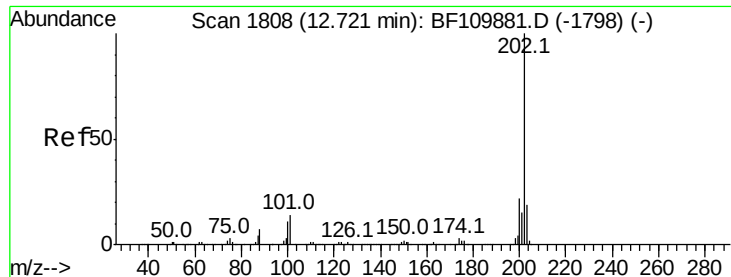
Delta R.T. -0.00 min

Lab File: BF109893.D

Acq: 15 Oct 2018 21:41

Tgt Ion:	178	Resp:	138777
Ion Ratio	Lower	Upper	
178	100		
176	18.2	15.5	23.3
179	15.1	12.5	18.7





#75

Fluoranthene

Concen: 14.442 ng

RT: 12.72 min Scan# 1808

Delta R.T. -0.00 min

Lab File: BF109893.D

Acq: 15 Oct 2018 21:41

Instrument :

BNA_F

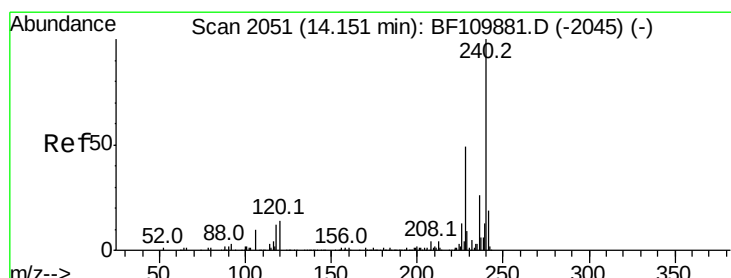
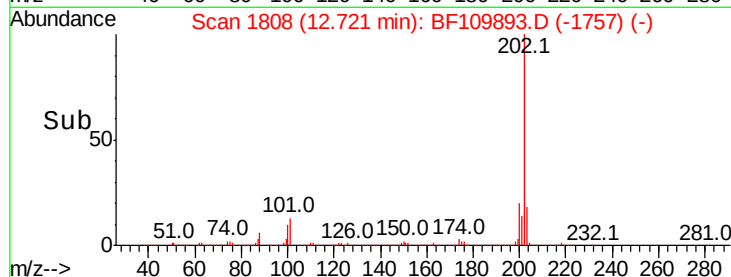
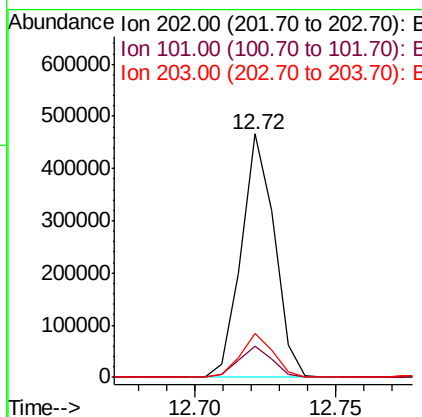
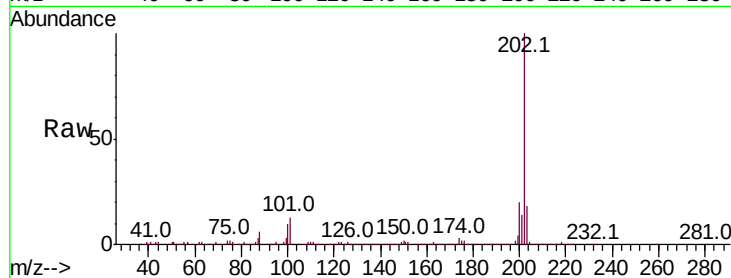
ClientSampleId :

CL-02-101218-D

Tot Ion:	202	Resp:	380978
Ion Ratio	Lower	Upper	
202	100		
101	12.9	0.0	31.4
203	17.8	0.0	37.7

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#76

Chrysene-d12

Concen: 20.000 ng

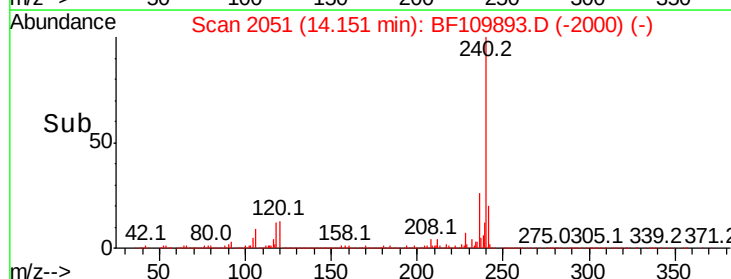
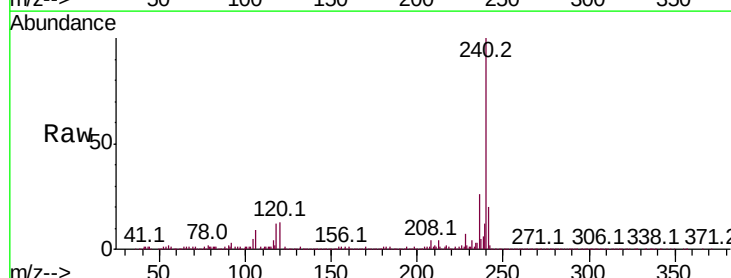
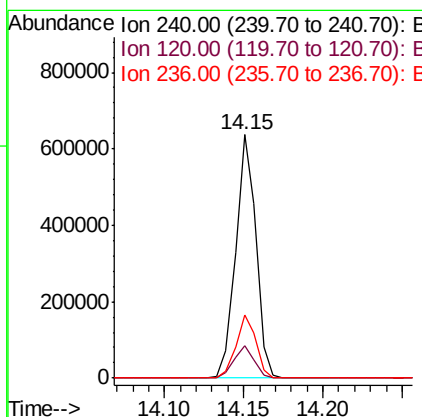
RT: 14.15 min Scan# 2051

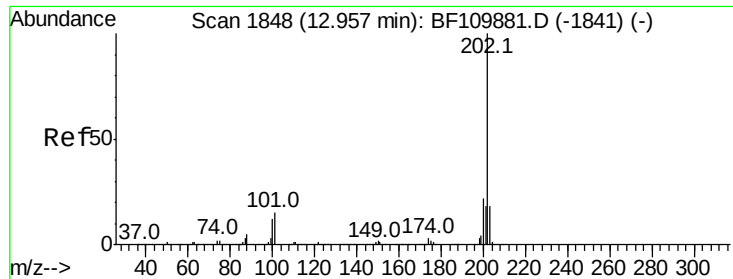
Delta R.T. -0.00 min

Lab File: BF109893.D

Acq: 15 Oct 2018 21:41

Tgt Ion:	240	Resp:	562655
Ion Ratio	Lower	Upper	
240	100		
120	13.2	8.3	12.5#
236	25.9	21.2	31.8





#78

Pvrene

Concen: 8.713 ng

RT: 12.95 min Scan# 1847

Delta R.T. -0.01 min

Lab File: BF109893.D

Acq: 15 Oct 2018 21:41

Instrument :

BNA_F

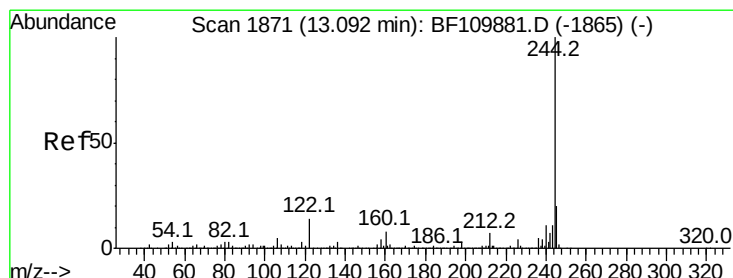
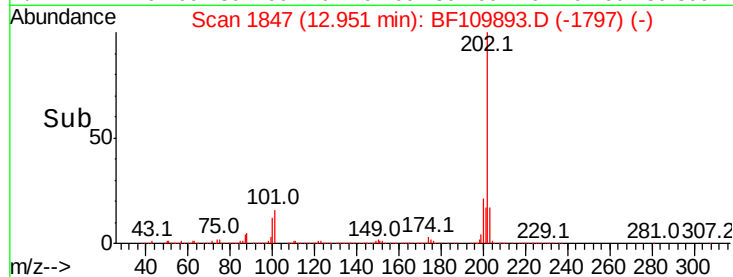
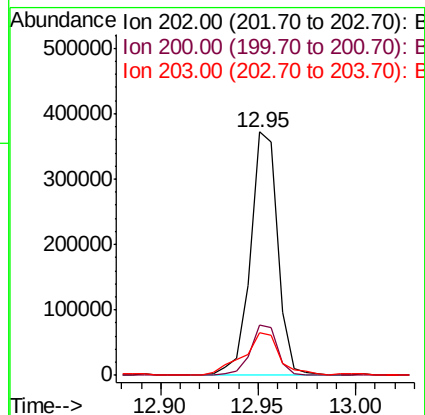
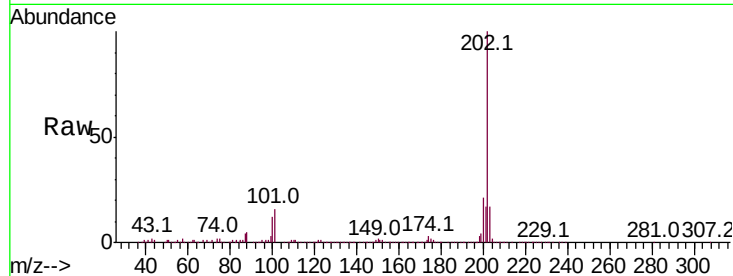
ClientSampleId :

CL-02-101218-D

Tot Ion:	202	Resp:	360060
Ion Ratio		Lower	Upper
202	100		
200	20.8	17.8	26.6
203	17.3	14.2	21.4

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#79

Terphenyl-d14

Concen: 39.635 ng

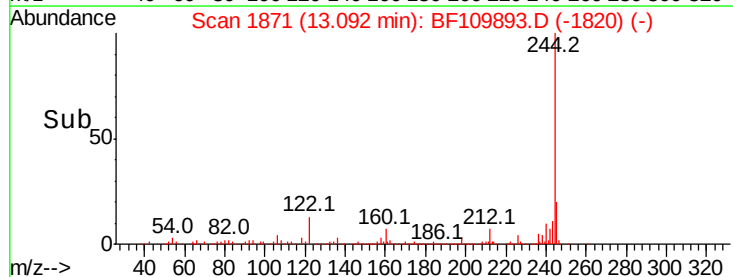
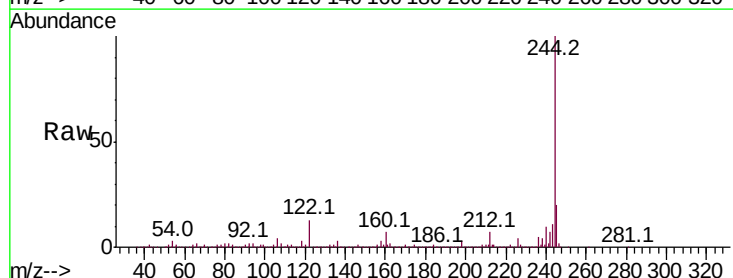
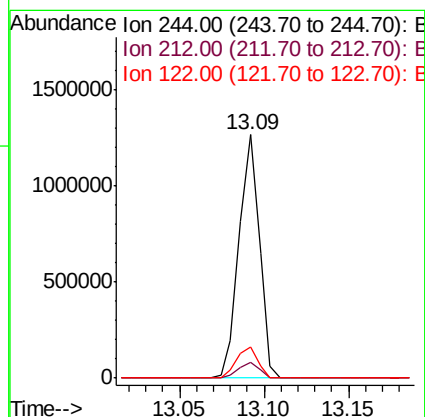
RT: 13.09 min Scan# 1871

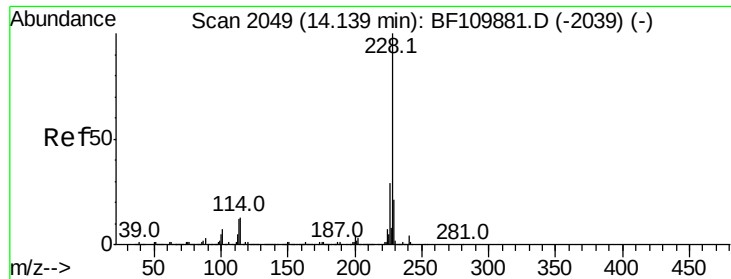
Delta R.T. -0.00 min

Lab File: BF109893.D

Acq: 15 Oct 2018 21:41

Tgt Ion:	244	Resp:	1061994
Ion Ratio		Lower	Upper
244	100		
212	6.7	5.8	8.8
122	12.8	8.7	13.1





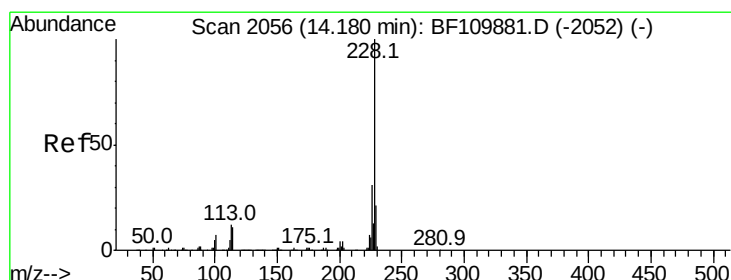
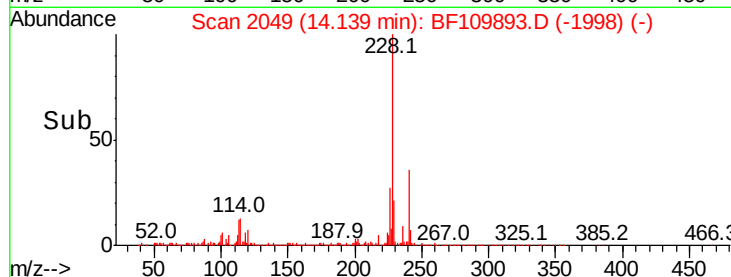
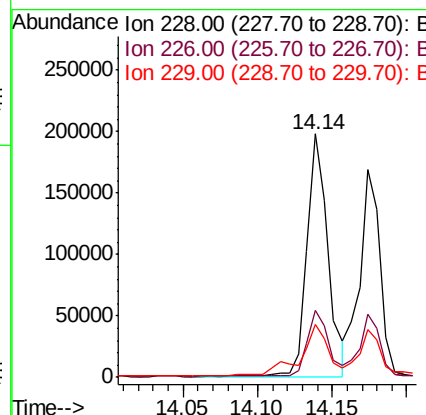
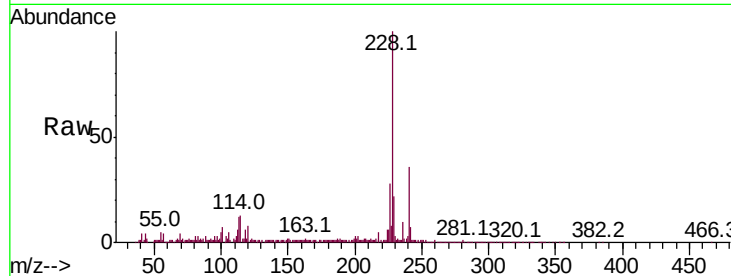
#81
Benzo(a)anthracene
Concen: 5.829 ng
RT: 14.14 min Scan# 2049
Delta R.T. -0.00 min
Lab File: BF109893.D
Acq: 15 Oct 2018 21:41

Instrument :
BNA_F
ClientSampleId :
CL-02-101218-D

Tot Ion	Ratio	Lower	Upper
228	100		
226	27.7	22.1	33.1
229	21.7	15.6	23.4

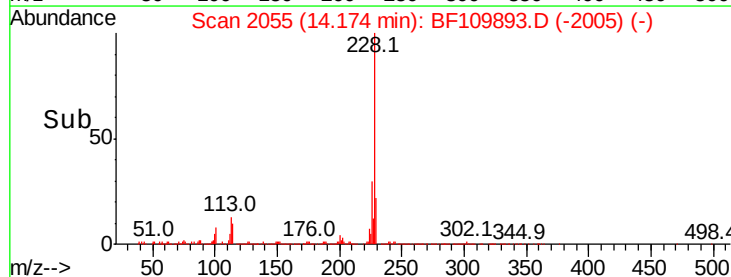
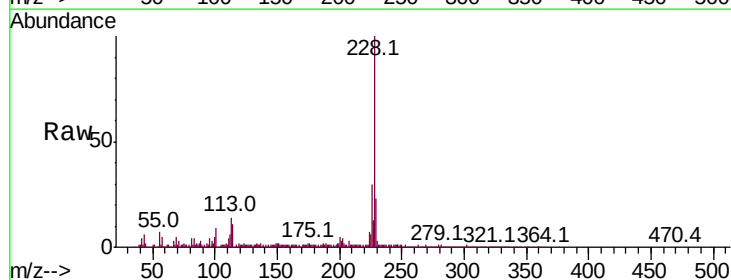
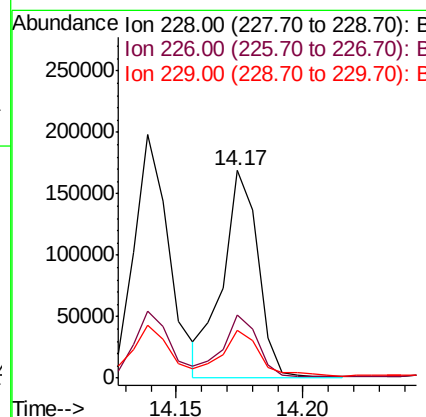
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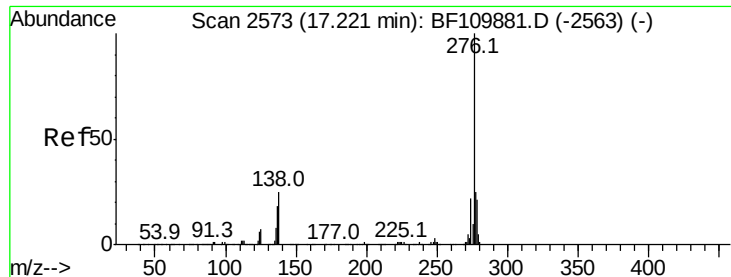
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#83
Chrysene
Concen: 5.147 ng
RT: 14.17 min Scan# 2055
Delta R.T. -0.01 min
Lab File: BF109893.D
Acq: 15 Oct 2018 21:41

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.4	24.7	37.1
229	23.0	15.9	23.9





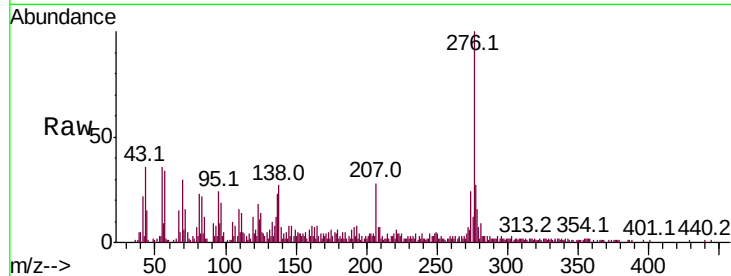
#86
Indeno(1,2,3-cd)pyrene
Concen: 2.345 ng
RT: 17.22 min Scan# 2573
Delta R.T. -0.00 min
Lab File: BF109893.D
Acq: 15 Oct 2018 21:41

Instrument :
BNA_F
ClientSampleId :
CL-02-101218-D

Tot Ion	Ratio	Lower	Upper
276	100		
138	27.7	18.5	27.7
277	27.5	20.0	30.0

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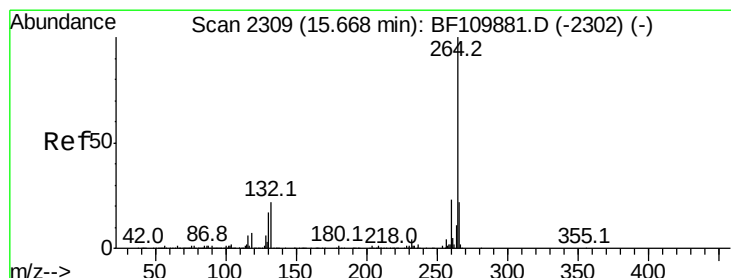
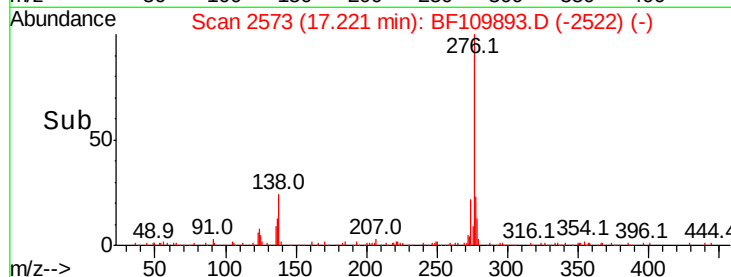
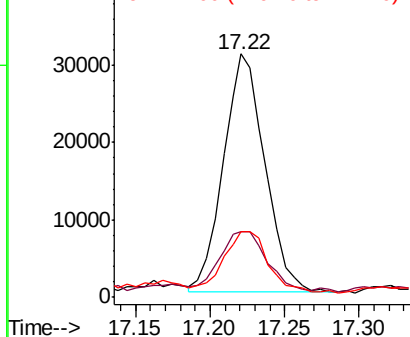


Abundance

Ion 276.00 (275.70 to 276.70): E

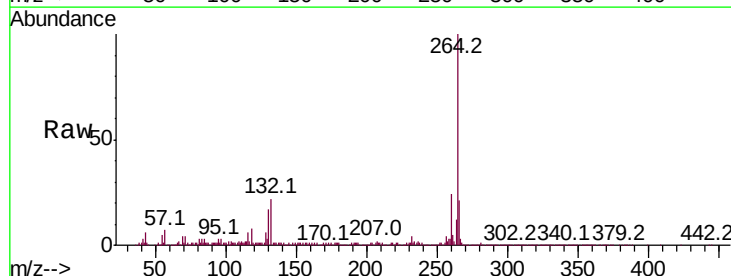
Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#87
Perylene-d12
Concen: 20.000 ng
RT: 15.67 min Scan# 2310
Delta R.T. 0.01 min
Lab File: BF109893.D
Acq: 15 Oct 2018 21:41

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.5	18.7	28.1
265	21.0	16.7	25.1

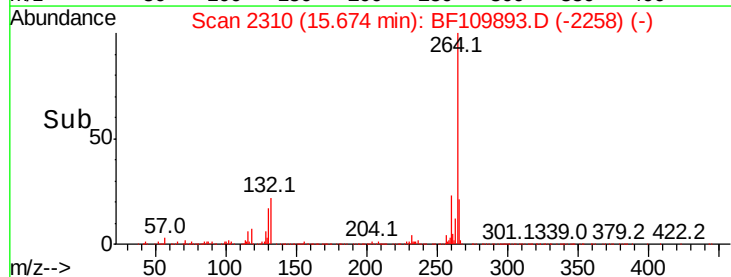
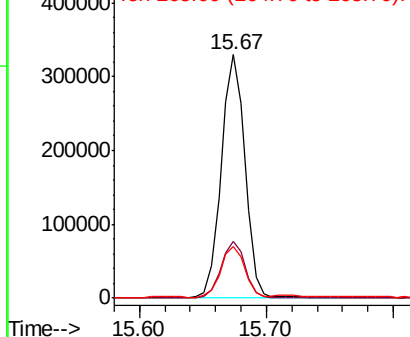


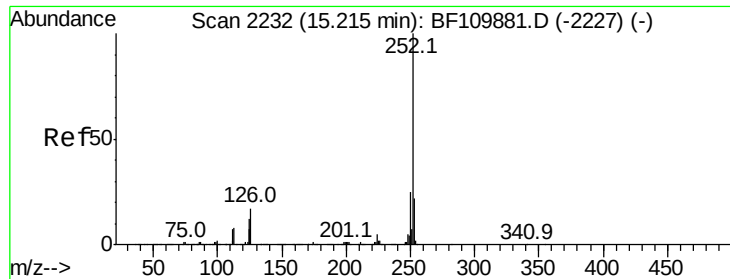
Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#88

Benzo(b)fluoranthene

Concen: 7.615 ng m

RT: 15.22 min Scan# 2232

Delta R.T. -0.00 min

Lab File: BF109893.D

Acq: 15 Oct 2018 21:41

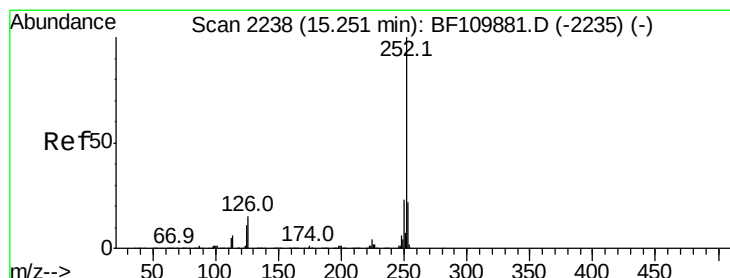
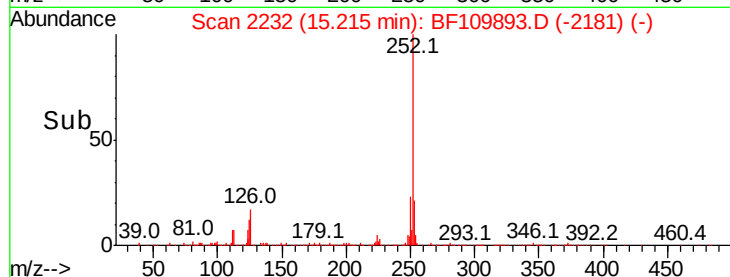
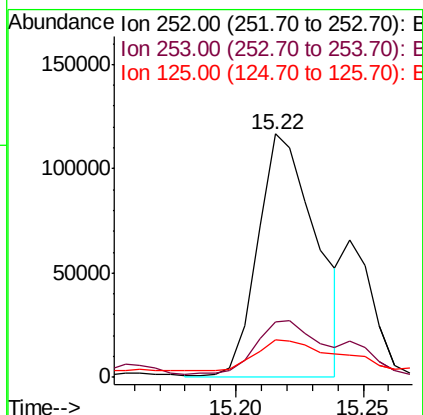
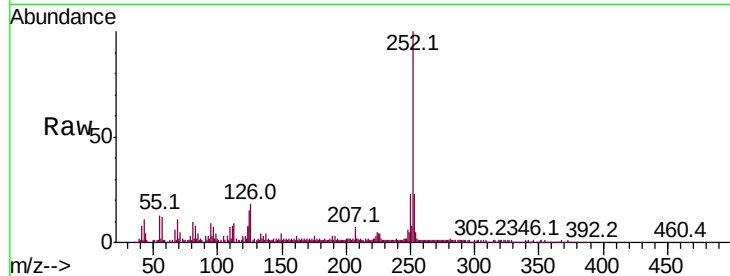
Instrument :
BNA_F

ClientSampleId :
CL-02-101218-D

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.2	25.8
125	15.5	8.2	12.4

Manual Integrations
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#89

Benzo(k)fluoranthene

Concen: 2.319 ng m

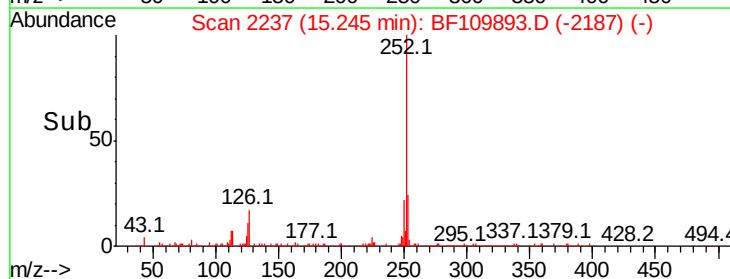
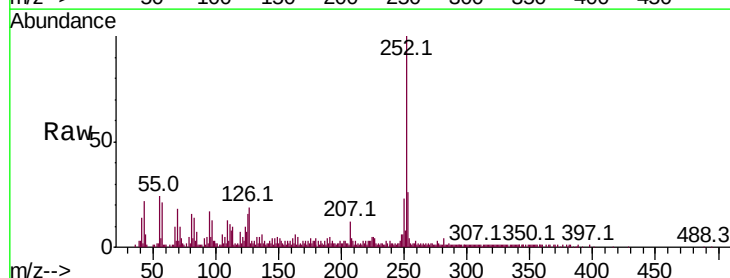
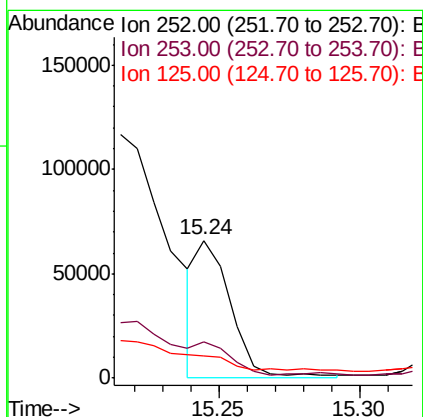
RT: 15.24 min Scan# 2237

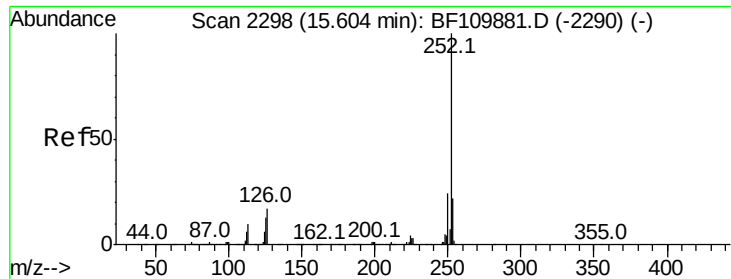
Delta R.T. -0.01 min

Lab File: BF109893.D

Acq: 15 Oct 2018 21:41

Tgt Ion	Ratio	Lower	Upper
252	100		
253	26.0	17.2	25.8
125	16.2	7.4	11.0





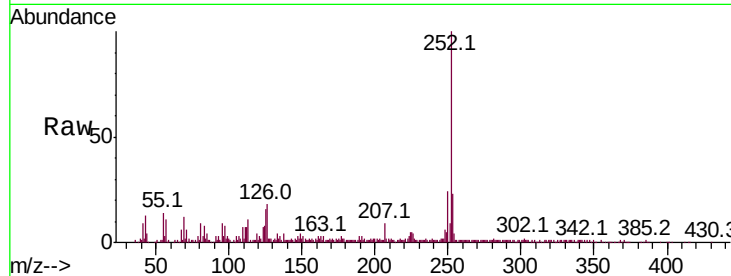
#90
Benzo(a)pyrene
Concen: 5.484 ng
RT: 15.60 min Scan# 2298
Delta R.T. -0.00 min
Lab File: BF109893.D
Acq: 15 Oct 2018 21:41

Instrument :
BNA_F
ClientSampleId :
CL-02-101218-D

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.2	27.4
125	16.5	9.0	13.6

Manual Integrations
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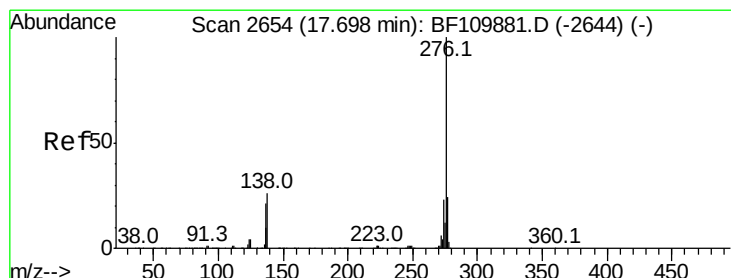
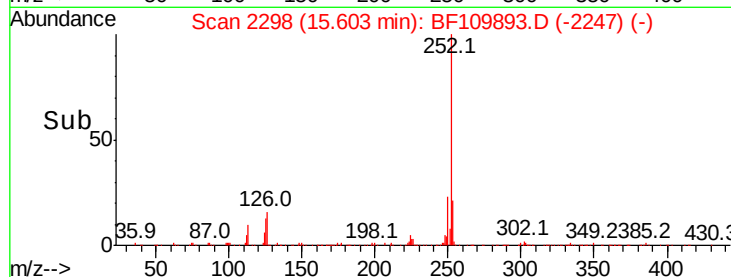
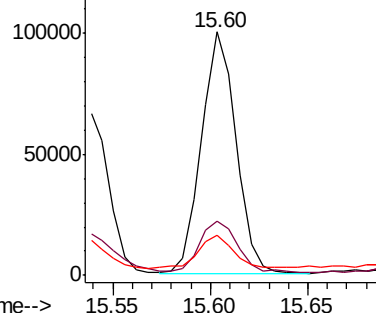


Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#92
Benzo(g,h,i)perylene
Concen: 2.876 ng
RT: 17.69 min Scan# 2653
Delta R.T. -0.01 min
Lab File: BF109893.D
Acq: 15 Oct 2018 21:41

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.9	18.8	28.2
138	29.3	16.0	24.0

Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

