

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101518\
 Data File : BF109891.D
 Acq On : 15 Oct 2018 20:47
 Operator : JU/SJ
 Sample : J5198-13
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

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

Manual Integrations
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 10/16/2018 9:57:36 AM

Quant Time: Oct 16 01:55:15 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	6.97	152	217785	20.00	ng	0.00
21) Naphthalene-d8	8.26	136	793560	20.00	ng	0.00
39) Acenaphthene-d10	10.02	164	303101	20.00	ng	0.00
64) Phenanthrene-d10	11.51	188	494119	20.00	ng	0.00
76) Chrysene-d12	14.15	240	518386	20.00	ng	0.00
87) Perylene-d12	15.67	264	416789	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	1178441	85.77	ng	0.00
7) Phenol-d6	6.59	99	1435183	84.12	ng	0.00
23) Nitrobenzene-d5	7.53	82	827068	70.21	ng	-0.01
42) 2,4,6-Tribromophenol	10.80	330	218093	83.11	ng	0.00
45) 2-Fluorobiphenyl	9.33	172	1237231	65.13	ng	0.00
79) Terphenyl-d14	13.09	244	1019422	41.30	ng	0.00
Target Compounds						
10) Phenol	6.60	94	51731	2.808	ng	Qvalue # 59
50) Dimethylphthalate	9.72	163	141568	6.596	ng	100
71) Phenanthrene	11.53	178	169809	6.638	ng	98
75) Fluoranthene	12.72	202	136706	5.349	ng	98
78) Pyrene	12.95	202	175416	4.607	ng	99
81) Benzo(a)anthracene	14.14	228	68513m	2.244	ng	
83) Chrysene	14.17	228	83082m	2.859	ng	
88) Benzo(b)fluoranthene	15.22	252	59802m	2.489	ng	

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

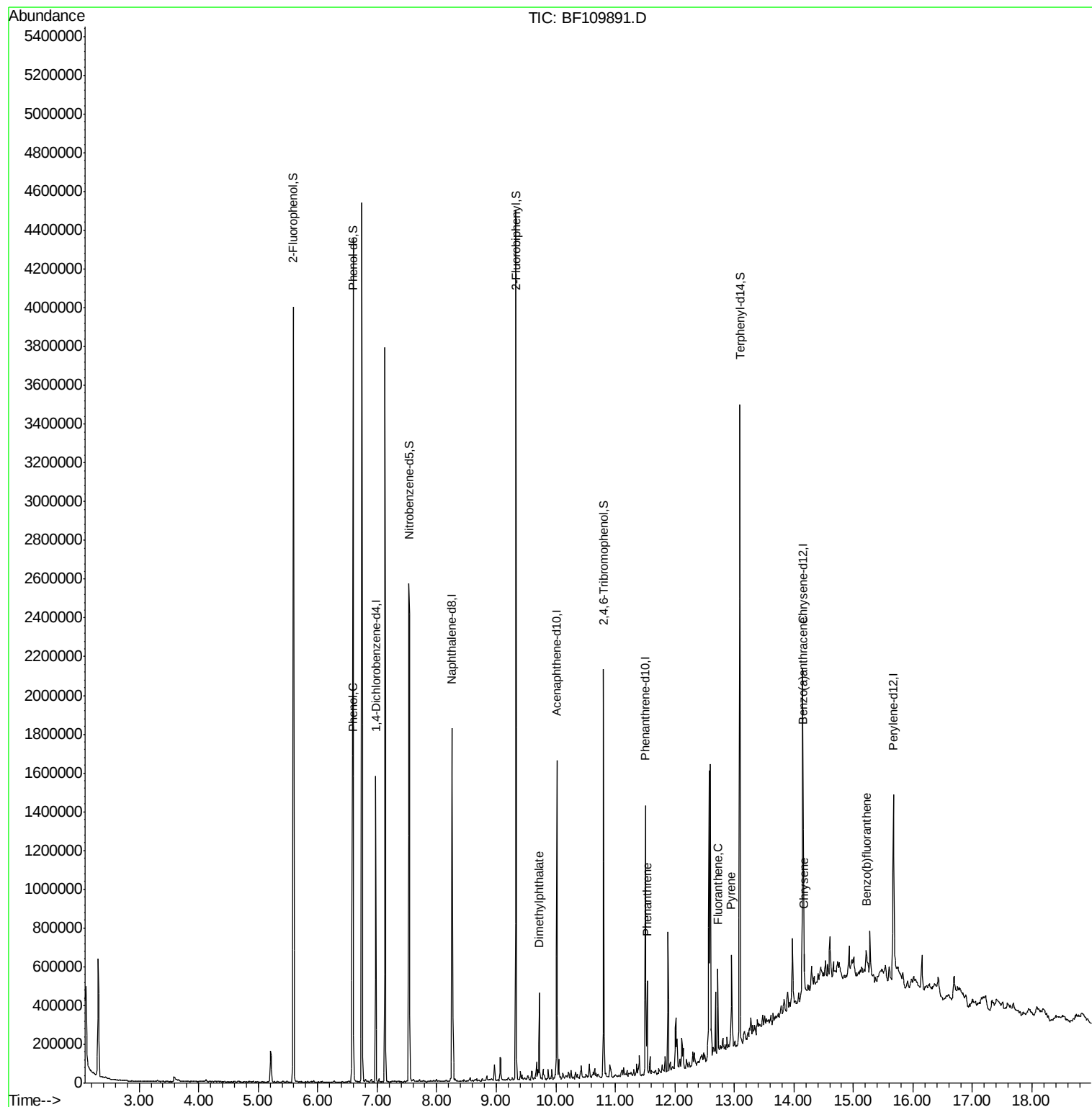
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101518\
Data File : BF109891.D
Acq On : 15 Oct 2018 20:47
Operator : JU/SJ
Sample : J5198-13
Misc :
ALS Vial : 15 Sample Multiplier: 1

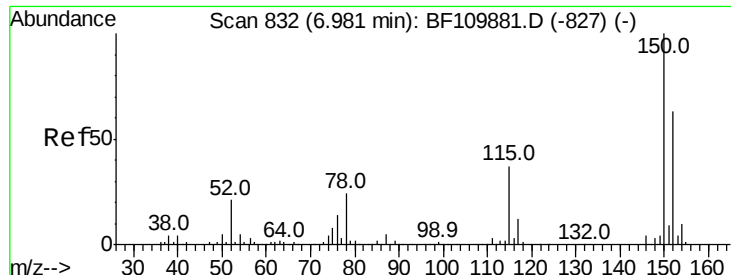
Instrument :
BNA_F
ClientSampleId :
CL-02-101218-B

Quant Time: Oct 16 01:55:15 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
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#1

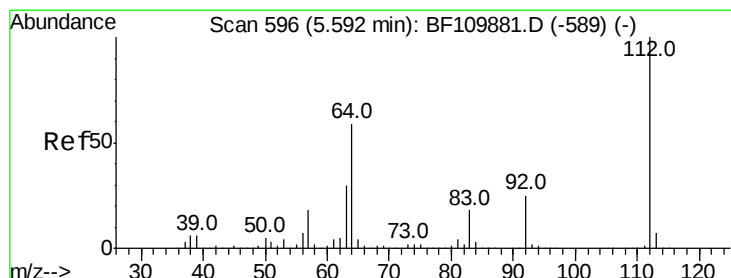
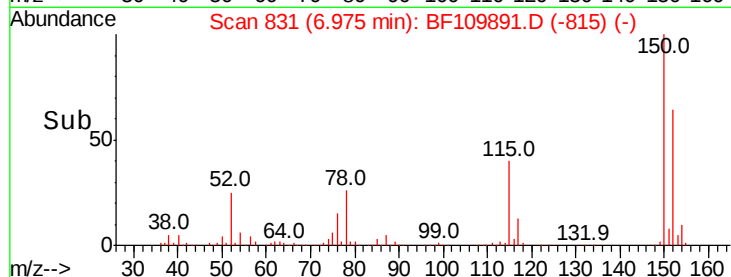
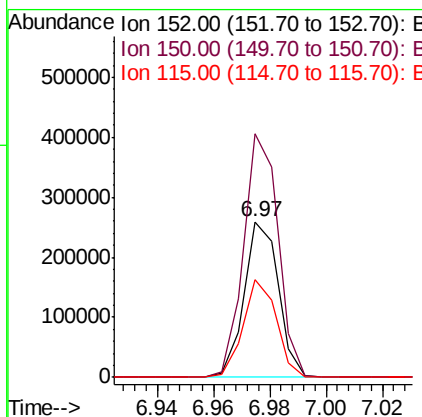
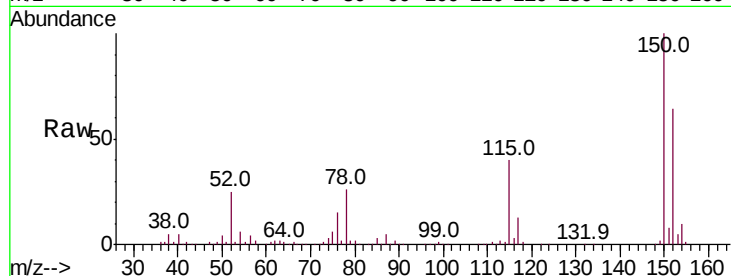
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 831
Delta R.T. -0.01 min
Lab File: BF109891.D
Acq: 15 Oct 2018 20:47

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

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.3	122.7	184.1
115	63.1	49.1	73.7

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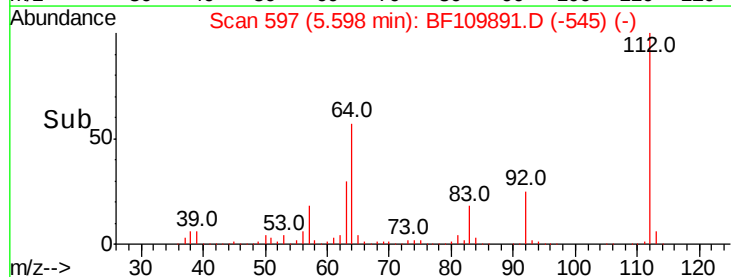
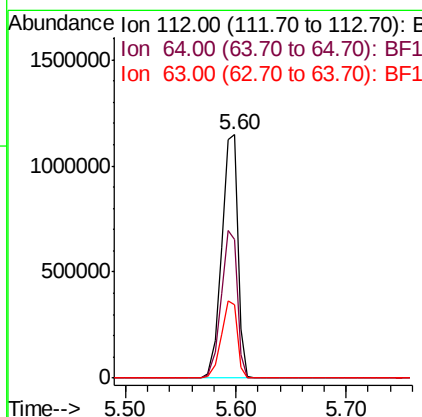
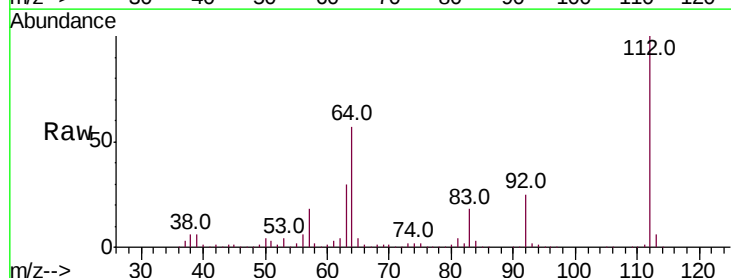
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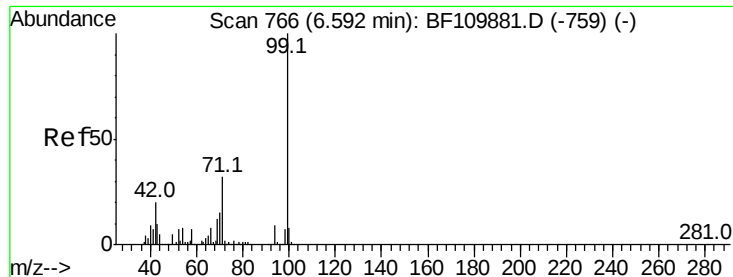


#5

2-Fluorophenol
Concen: 85.772 ng
RT: 5.60 min Scan# 597
Delta R.T. 0.01 min
Lab File: BF109891.D
Acq: 15 Oct 2018 20:47

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.8	44.1	66.1
63	30.1	23.7	35.5





#7

Phenol-d6

Concen: 84.123 ng

RT: 6.59 min Scan# 766

Delta R.T. 0.00 min

Lab File: BF109891.D

Acq: 15 Oct 2018 20:47

Instrument :

BNA_F

ClientSampleId :

CL-02-101218-B

Tot Ion: 99 Resp: 1435183

Ion Ratio Lower Upper

99 100

42 19.2 15.8 23.6

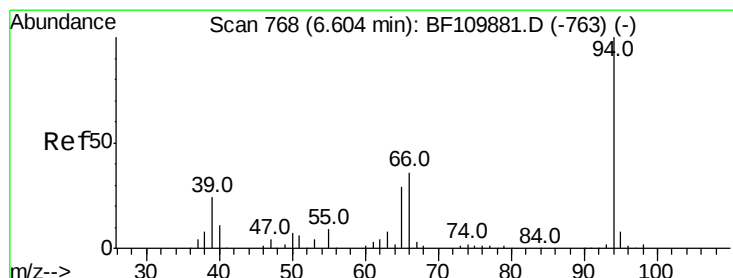
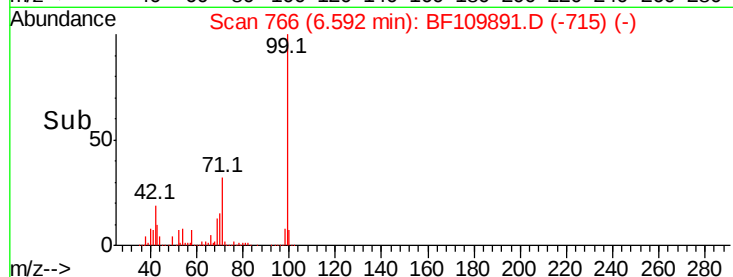
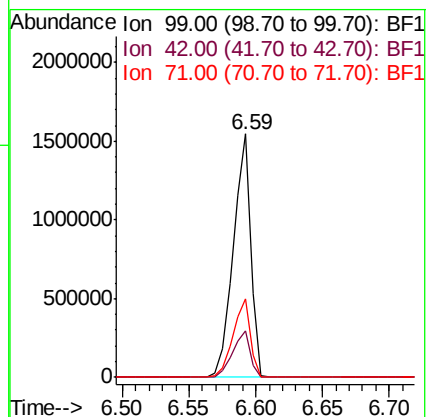
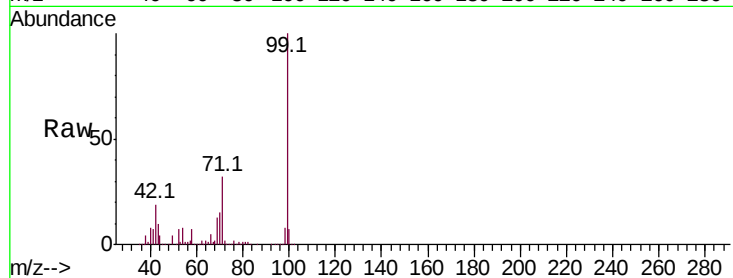
71 32.4 28.0 42.0

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#10

Phenol

Concen: 2.808 ng

RT: 6.60 min Scan# 768

Delta R.T. 0.00 min

Lab File: BF109891.D

Acq: 15 Oct 2018 20:47

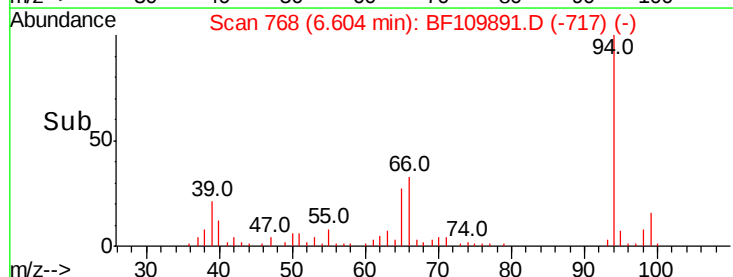
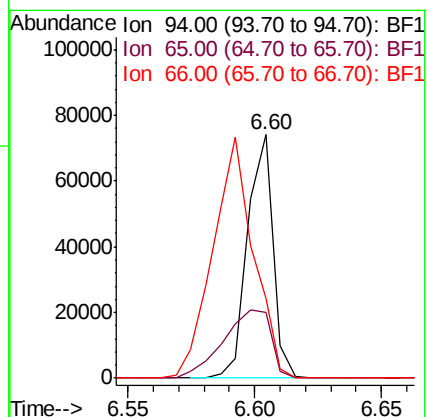
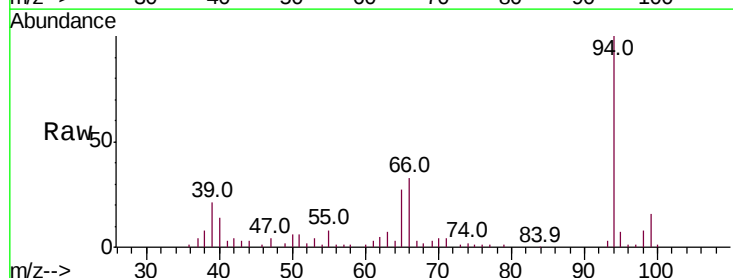
Tgt Ion: 94 Resp: 51731

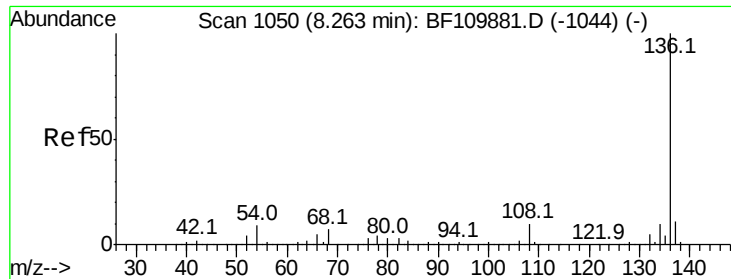
Ion Ratio Lower Upper

94 100

65 26.8 25.3 65.3

66 32.5 54.5 94.5#





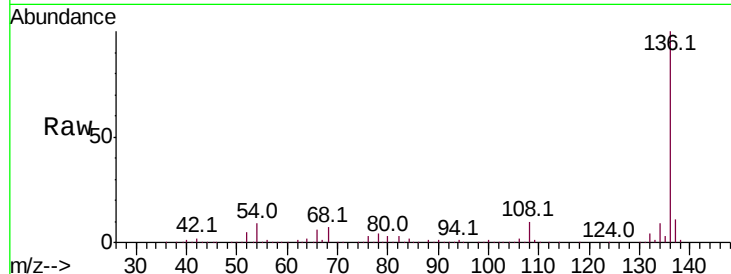
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.26 min Scan# 1049
Delta R.T. -0.01 min
Lab File: BF109891.D
Acq: 15 Oct 2018 20:47

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

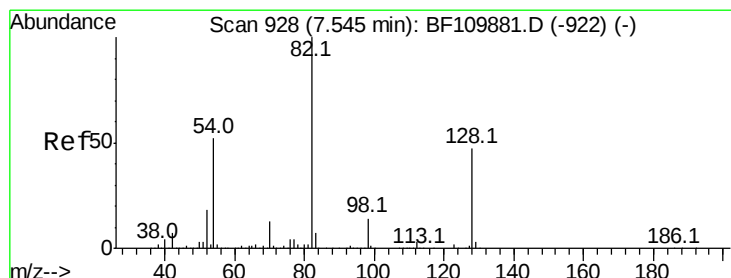
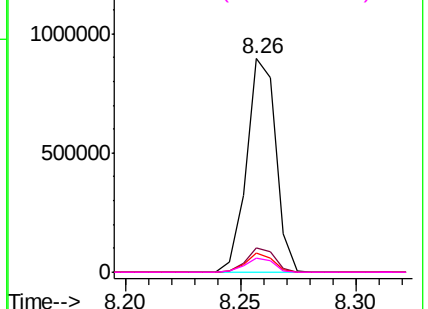
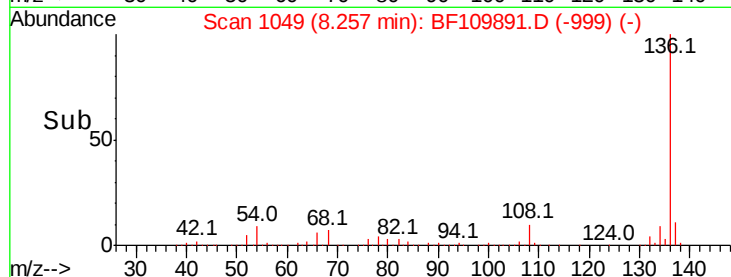
Tot Ion	Ratio	Resp Lower	Upper
136	100		
137	11.2	8.8	13.2
54	9.2	5.4	8.2#
68	6.8	4.2	6.2#

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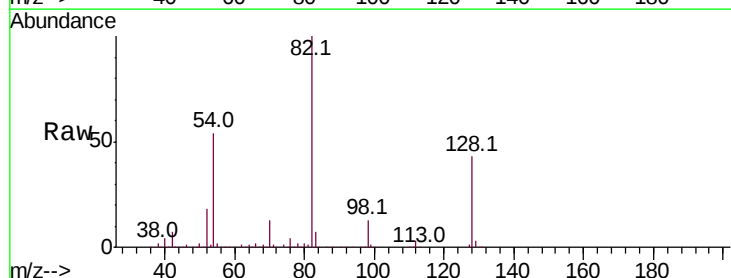


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

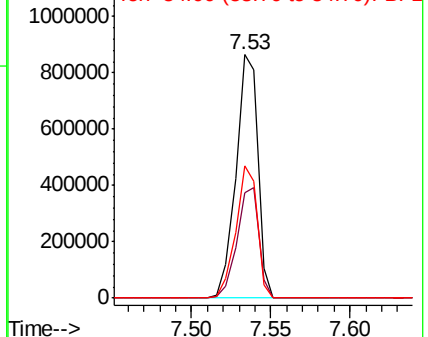
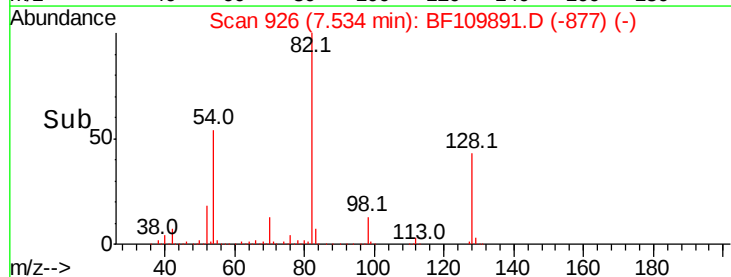


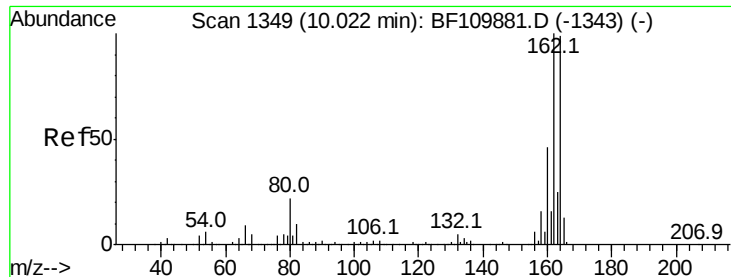
#23
Nitrobenzene-d5
Concen: 70.208 ng
RT: 7.53 min Scan# 926
Delta R.T. -0.01 min
Lab File: BF109891.D
Acq: 15 Oct 2018 20:47

Tgt Ion	Ratio	Resp Lower	Upper
82	100		
128	43.5	34.2	51.2
54	54.1	38.6	58.0



Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1





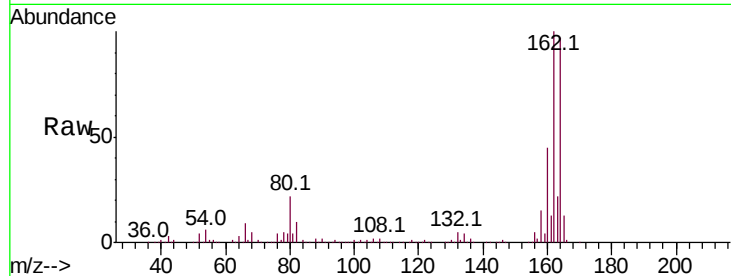
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.02 min Scan# 1348
 Delta R.T. -0.01 min
 Lab File: BF109891.D
 Acq: 15 Oct 2018 20:47

Instrument :
 BNA_F
 ClientSampleID :
 CL-02-101218-B

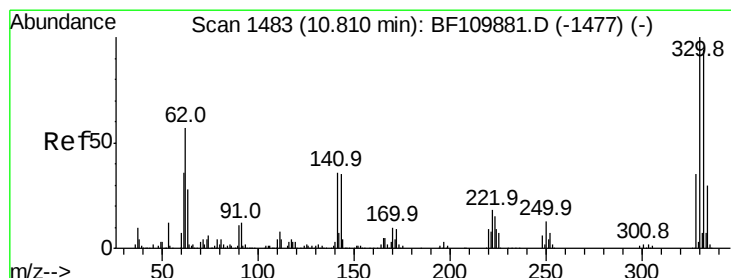
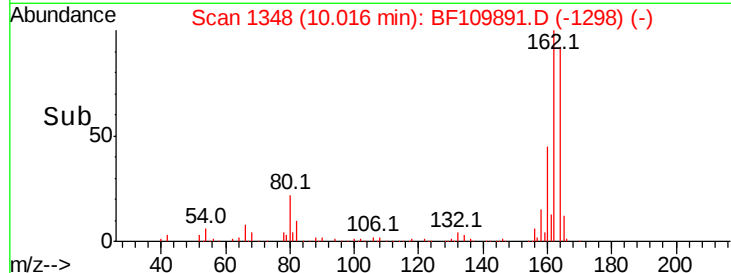
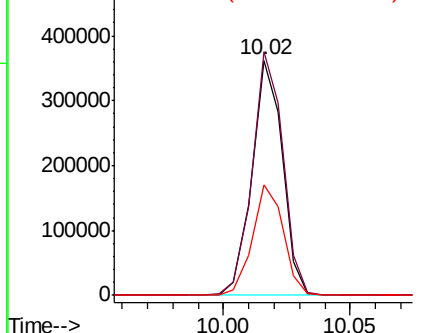
Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	103.5	83.0	124.6	
160	46.7	37.0	55.6	

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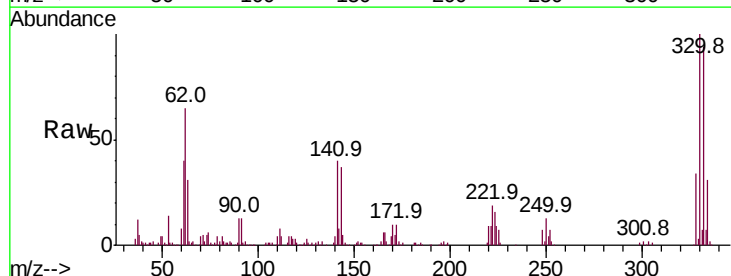


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

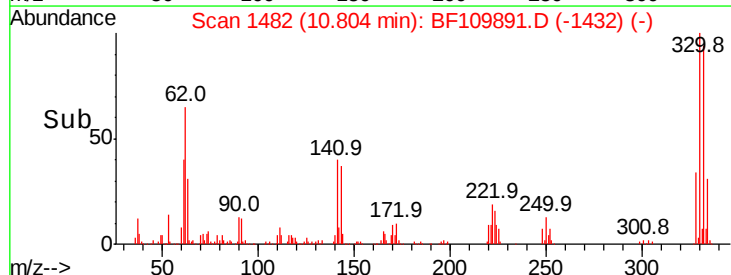
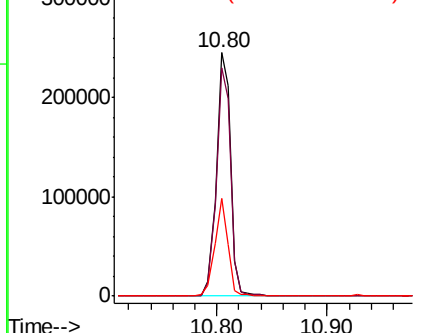


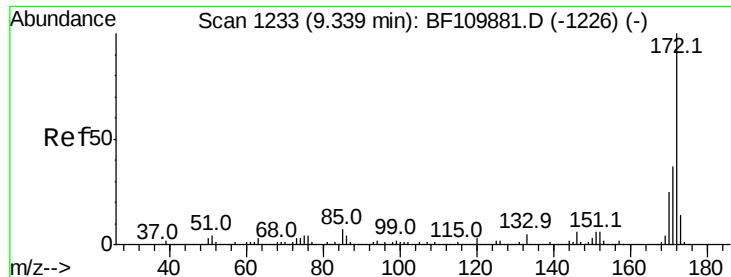
#42
 2,4,6-Tribromophenol
 Concen: 83.109 ng
 RT: 10.80 min Scan# 1482
 Delta R.T. -0.01 min
 Lab File: BF109891.D
 Acq: 15 Oct 2018 20:47

Tgt Ion	Ratio	Resp	Lower	Upper
330	100			
332	94.5	77.1	115.7	
141	37.0	27.0	40.4	



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





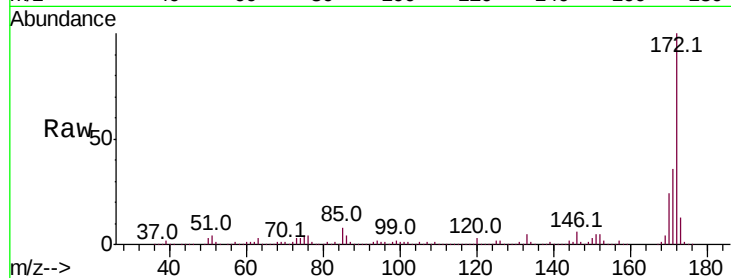
#45
2-Fluorobiphenyl
Concen: 65.133 ng
RT: 9.33 min Scan# 1232
Delta R.T. -0.01 min
Lab File: BF109891.D
Acq: 15 Oct 2018 20:47

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

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.7	28.6	43.0
170	23.5	19.7	29.5

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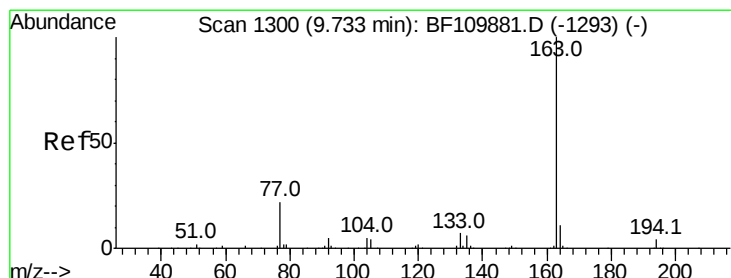
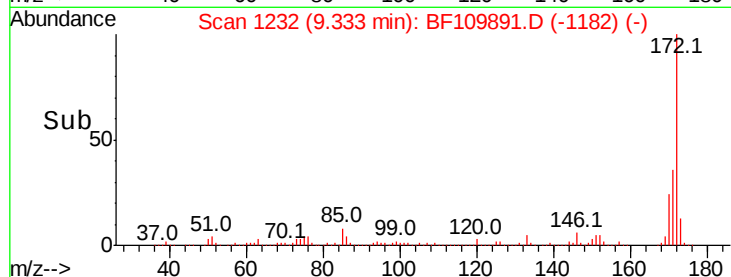
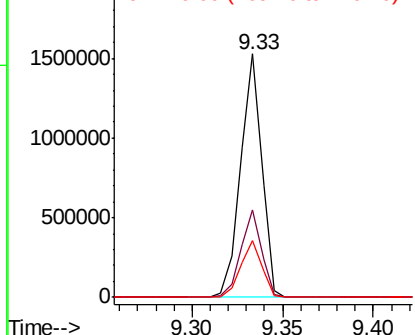


Abundance

Ion 172.00 (171.70 to 172.70): E

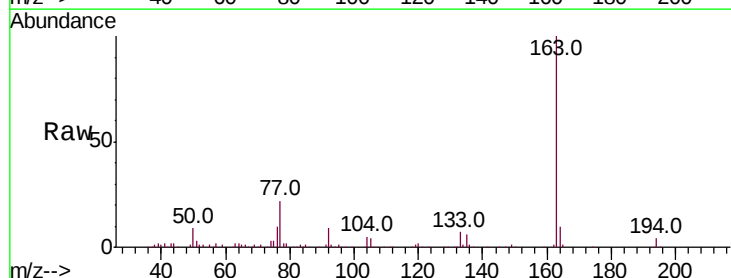
Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#50
Dimethylphthalate
Concen: 6.596 ng
RT: 9.72 min Scan# 1298
Delta R.T. -0.01 min
Lab File: BF109891.D
Acq: 15 Oct 2018 20:47

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.8	3.2	4.8
164	10.0	8.1	12.1

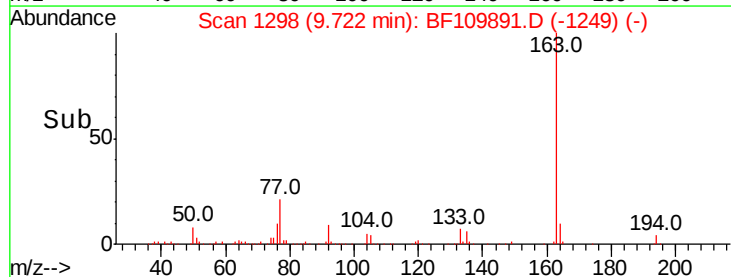
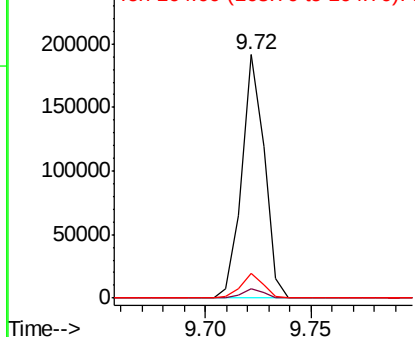


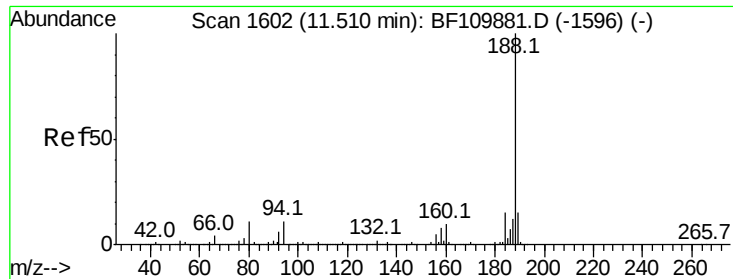
Abundance

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: BF109891.D

Acq: 15 Oct 2018 20:47

Instrument :

BNA_F

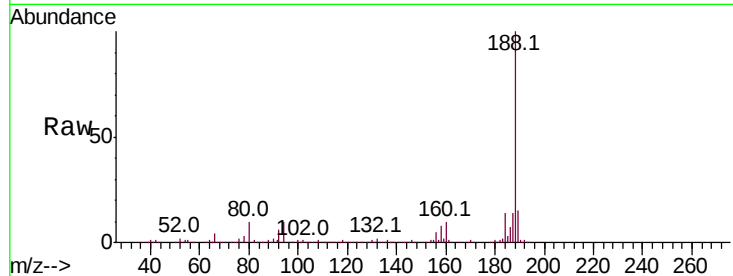
ClientSampleId :

CL-02-101218-B

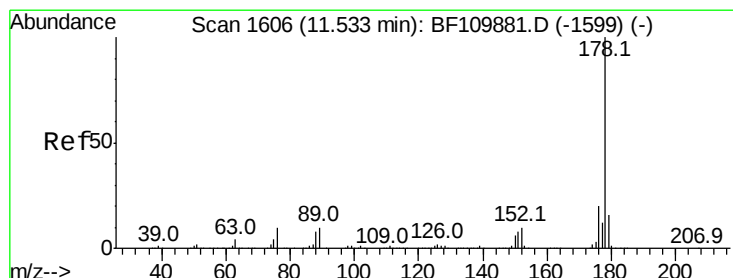
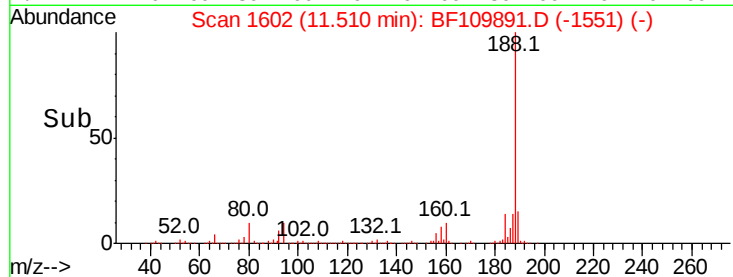
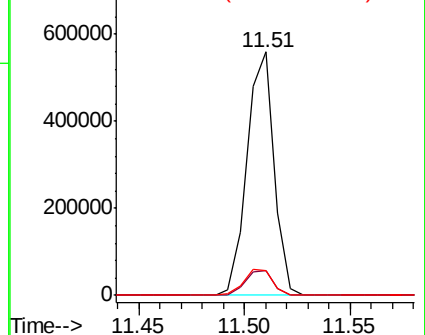
Tot Ion:	188	Resp:	494119
Ion Ratio	Lower	Upper	
188	100		
94	10.1	7.2	10.8
80	10.3	7.9	11.9

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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



#71

Phenanthrene

Concen: 6.638 ng

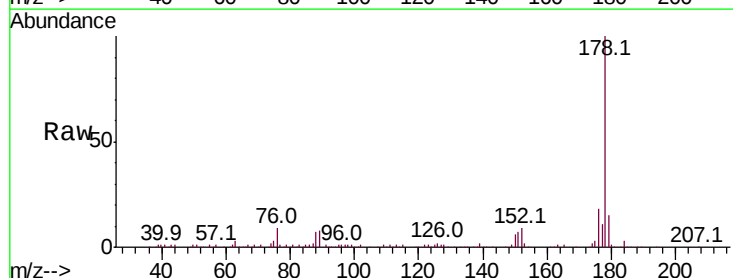
RT: 11.53 min Scan# 1606

Delta R.T. 0.00 min

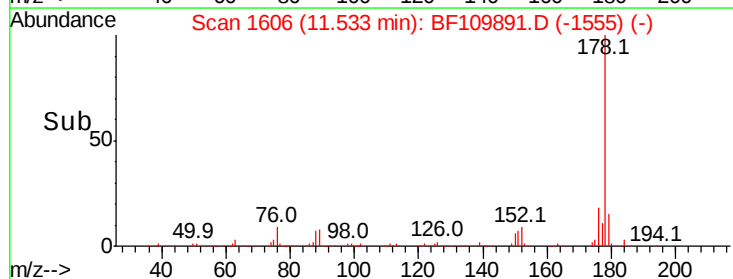
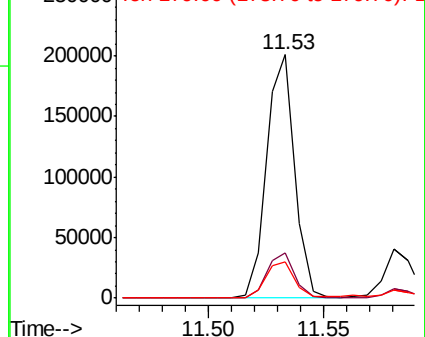
Lab File: BF109891.D

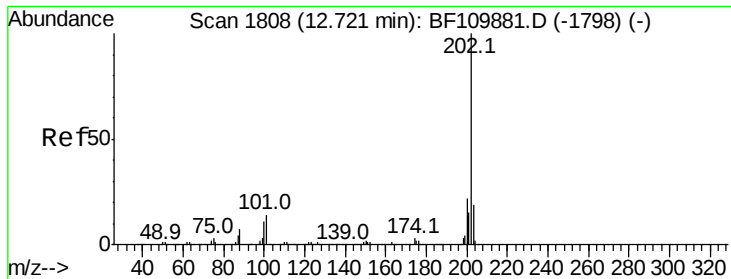
Acq: 15 Oct 2018 20:47

Tgt Ion:	178	Resp:	169809
Ion Ratio	Lower	Upper	
178	100		
176	18.4	15.5	23.3
179	14.9	12.5	18.7



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





#75

Fluoranthene

Concen: 5.349 ng

RT: 12.72 min Scan# 1808

Delta R.T. 0.00 min

Lab File: BF109891.D

Acq: 15 Oct 2018 20:47

Instrument :

BNA_F

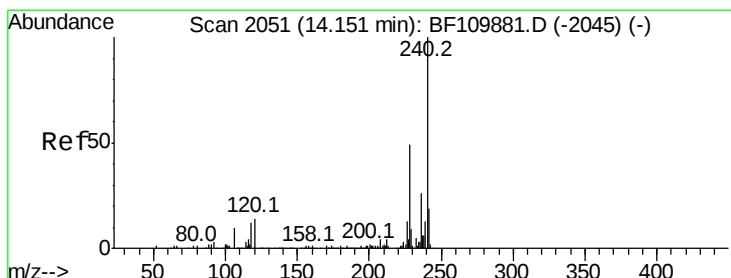
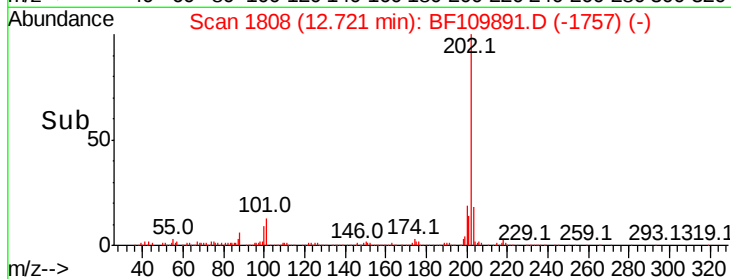
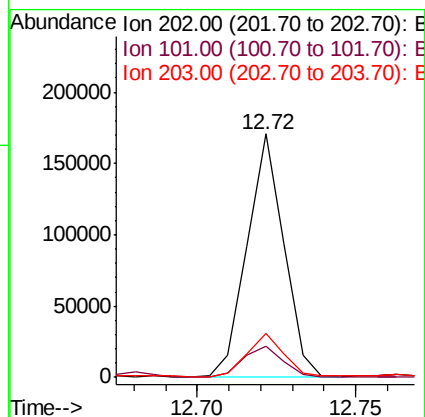
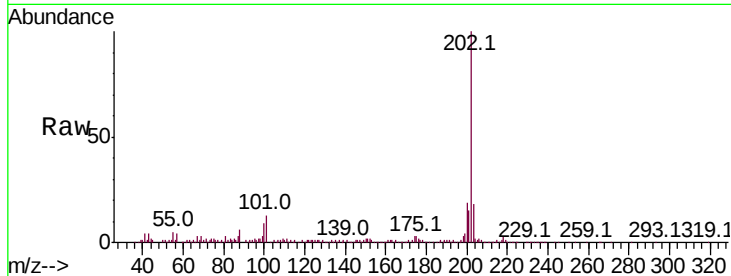
ClientSampleId :

CL-02-101218-B

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	12.9	0.0	31.4
203	18.2	0.0	37.7

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#76

Chrysene-d12

Concen: 20.000 ng

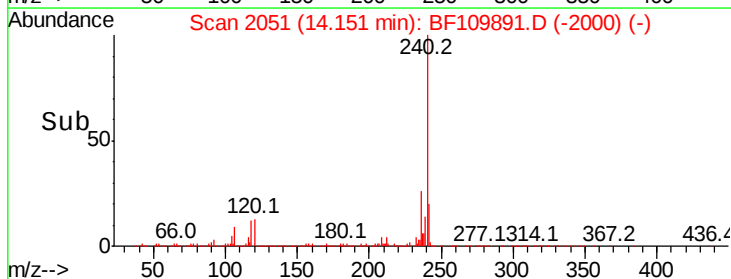
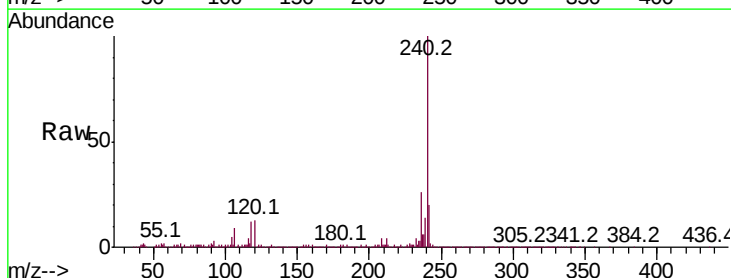
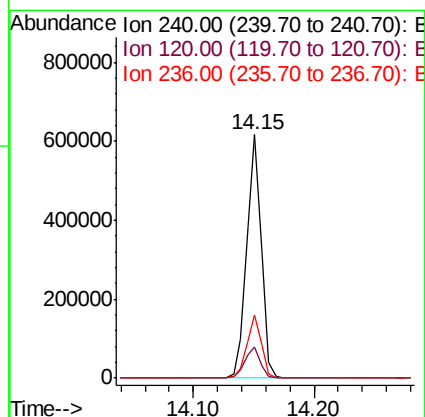
RT: 14.15 min Scan# 2051

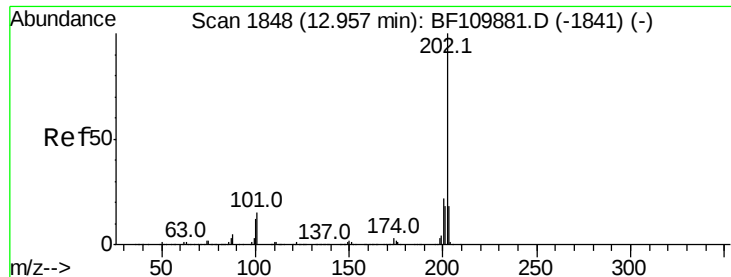
Delta R.T. 0.00 min

Lab File: BF109891.D

Acq: 15 Oct 2018 20:47

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	12.8	8.3	12.5#
236	26.1	21.2	31.8





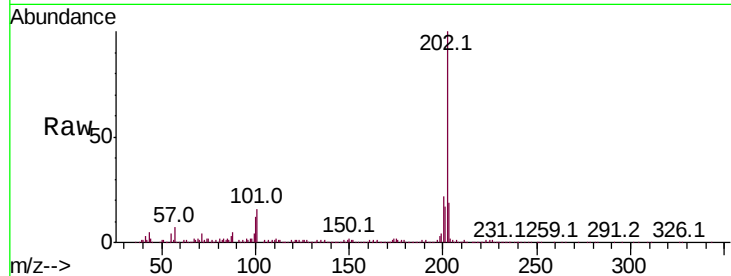
#78
Pvrene
Concen: 4.607 ng
RT: 12.95 min Scan# 1847
Delta R.T. -0.01 min
Lab File: BF109891.D
Acq: 15 Oct 2018 20:47

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

Tot Ion	Ratio	Resp Lower	Upper
202	100		
200	22.0	17.8	26.6
203	18.9	14.2	21.4

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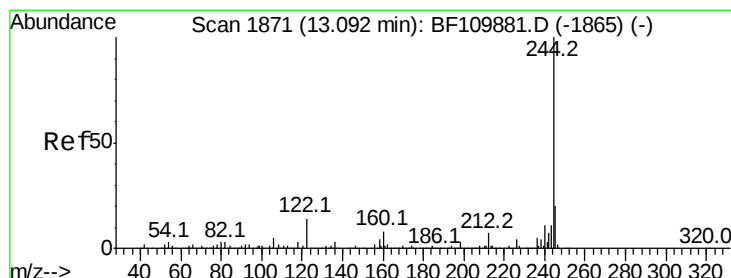
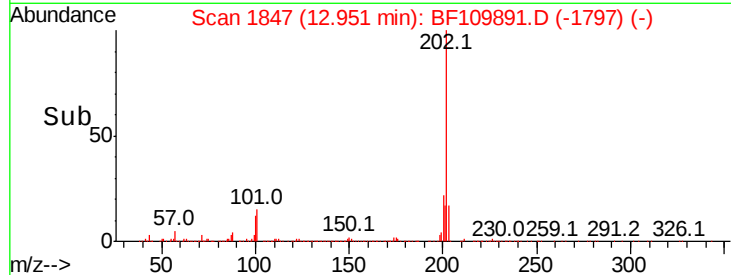
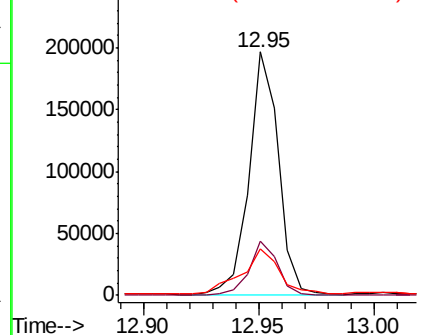


Abundance

Ion 202.00 (201.70 to 202.70): E

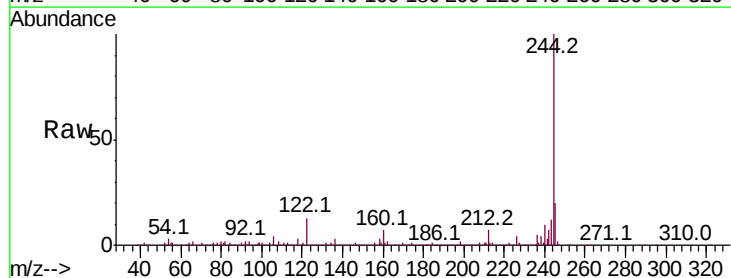
Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#79
Terphenyl-d14
Concen: 41.296 ng
RT: 13.09 min Scan# 1871
Delta R.T. 0.00 min
Lab File: BF109891.D
Acq: 15 Oct 2018 20:47

Tgt Ion	Ratio	Resp Lower	Upper
244	100		
212	6.6	5.8	8.8
122	12.6	8.7	13.1

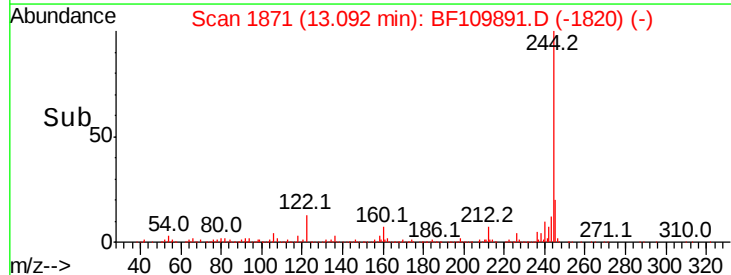
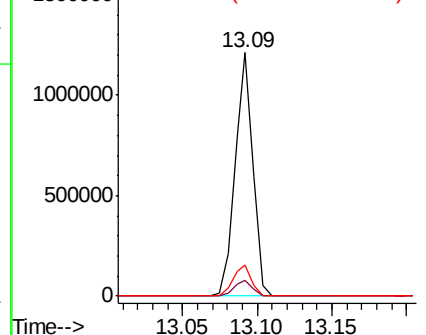


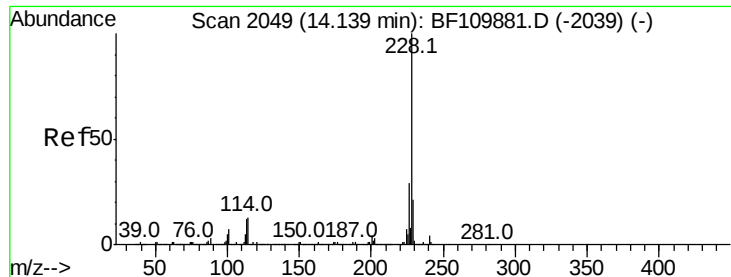
Abundance

Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#81

Benzo(a)anthracene

Concen: 2.244 ng m

RT: 14.14 min Scan# 2049

Delta R.T. 0.00 min

Lab File: BF109891.D

Acq: 15 Oct 2018 20:47

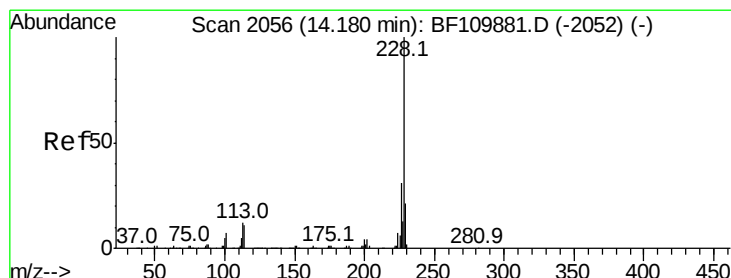
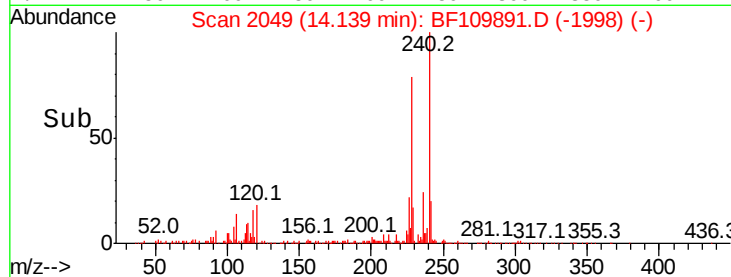
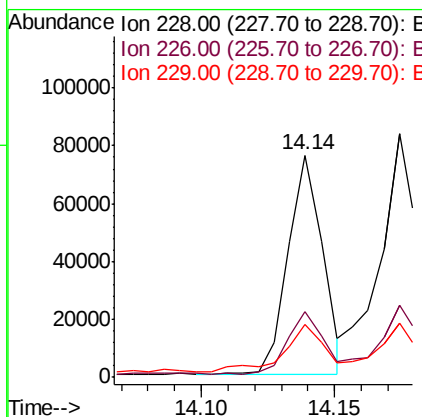
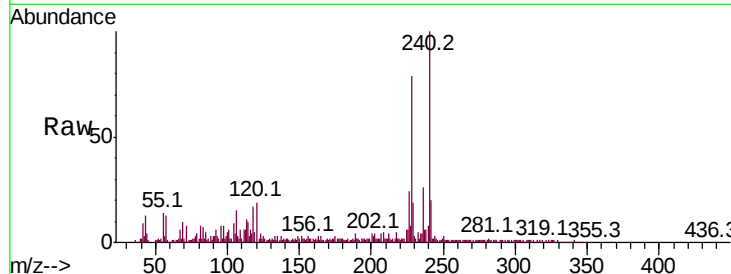
Instrument :
BNA_F

ClientSampleId :
CL-02-101218-B

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.8	22.1	33.1
229	24.0	15.6	23.4

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#83

Chrysene

Concen: 2.859 ng m

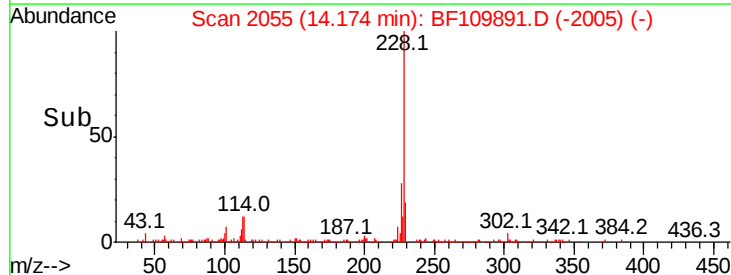
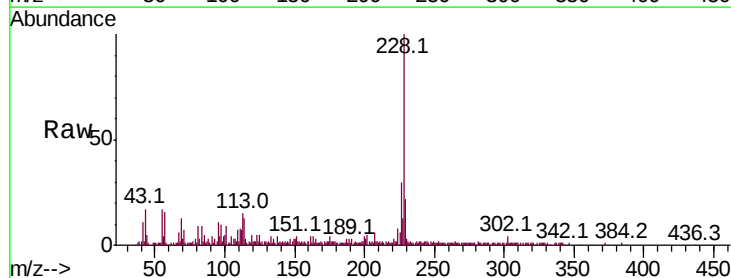
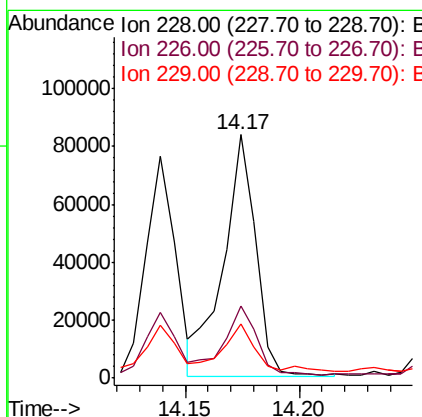
RT: 14.17 min Scan# 2055

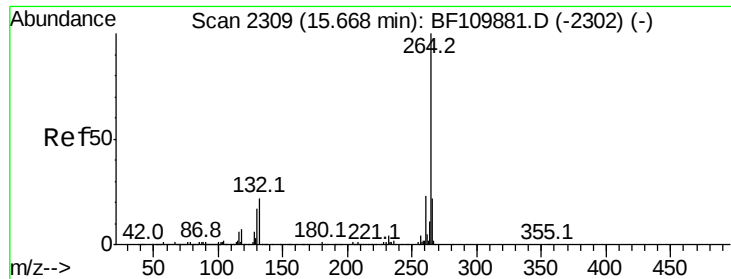
Delta R.T. -0.01 min

Lab File: BF109891.D

Acq: 15 Oct 2018 20:47

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.7	24.7	37.1
229	22.3	15.9	23.9





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.67 min Scan# 2310

Delta R.T. 0.01 min

Lab File: BF109891.D

Acq: 15 Oct 2018 20:47

Instrument :

BNA_F

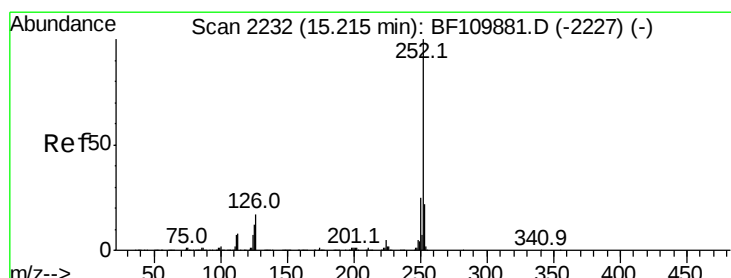
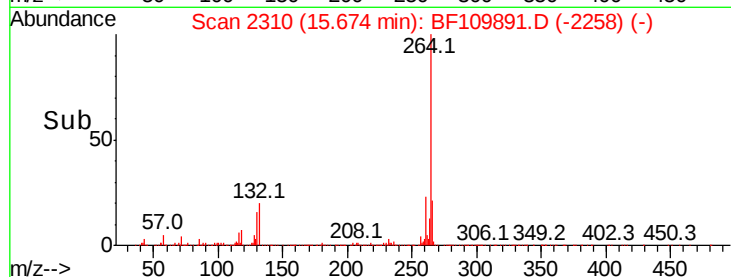
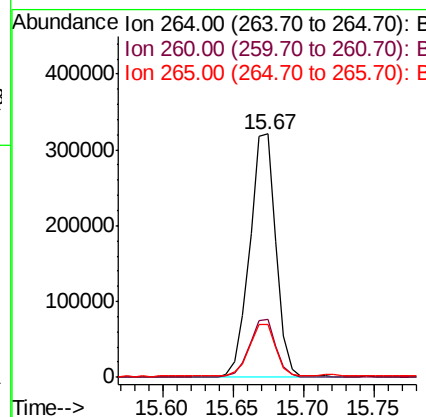
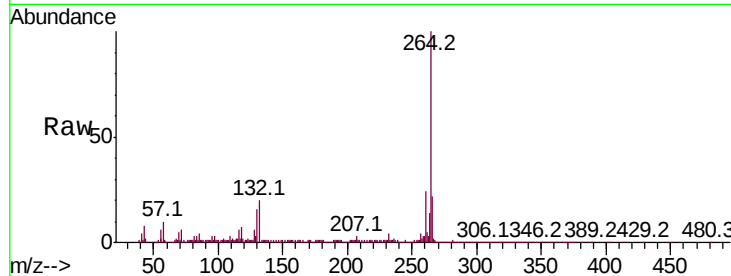
ClientSampleId :

CL-02-101218-B

Tot Ion:	264	Resp:	416789
Ion Ratio	Lower	Upper	
264	100		
260	23.6	18.7	28.1
265	21.8	16.7	25.1

Manual Integrations
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#88

Benzo(b)fluoranthene

Concen: 2.489 ng m

RT: 15.22 min Scan# 2232

Delta R.T. 0.00 min

Lab File: BF109891.D

Acq: 15 Oct 2018 20:47

Tgt Ion:	252	Resp:	59802
Ion Ratio	Lower	Upper	
252	100		
253	23.3	17.2	25.8
125	23.5	8.2	12.4#

