

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101518\
 Data File : BF109892.D
 Acq On : 15 Oct 2018 21:14
 Operator : JU/SJ
 Sample : J5198-15
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

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

Manual Integrations
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Quant Time: Oct 16 02:00:34 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	245133	20.00	ng	0.00
21) Naphthalene-d8	8.26	136	860242	20.00	ng	0.00
39) Acenaphthene-d10	10.02	164	321726	20.00	ng	0.00
64) Phenanthrene-d10	11.51	188	532628	20.00	ng	0.00
76) Chrysene-d12	14.15	240	562539	20.00	ng	0.00
87) Perylene-d12	15.67	264	420937	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	1249643	80.81	ng	0.00
7) Phenol-d6	6.59	99	1520624	79.19	ng	0.00
23) Nitrobenzene-d5	7.54	82	894696	70.06	ng	0.00
42) 2,4,6-Tribromophenol	10.80	330	234079	84.04	ng	0.00
45) 2-Fluorobiphenyl	9.33	172	1307852	64.87	ng	0.00
79) Terphenyl-d14	13.09	244	1129006	42.15	ng	0.00
Target Compounds						
10) Phenol	6.60	94	51457	2.482	ng	Qvalue # 60
50) Dimethylphthalate	9.72	163	160396	7.041	ng	99
71) Phenanthrene	11.53	178	56578	2.052	ng	98
75) Fluoranthene	12.72	202	137703	4.999	ng	100
78) Pyrene	12.95	202	162513	3.933	ng	98
81) Benzo(a)anthracene	14.14	228	77322	2.334	ng	# 92
83) Chrysene	14.17	228	73515	2.331	ng	# 95
88) Benzo(b)fluoranthene	15.22	252	83895m	3.457	ng	
90) Benzo(a)pyrene	15.60	252	53990	2.419	ng	# 81

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

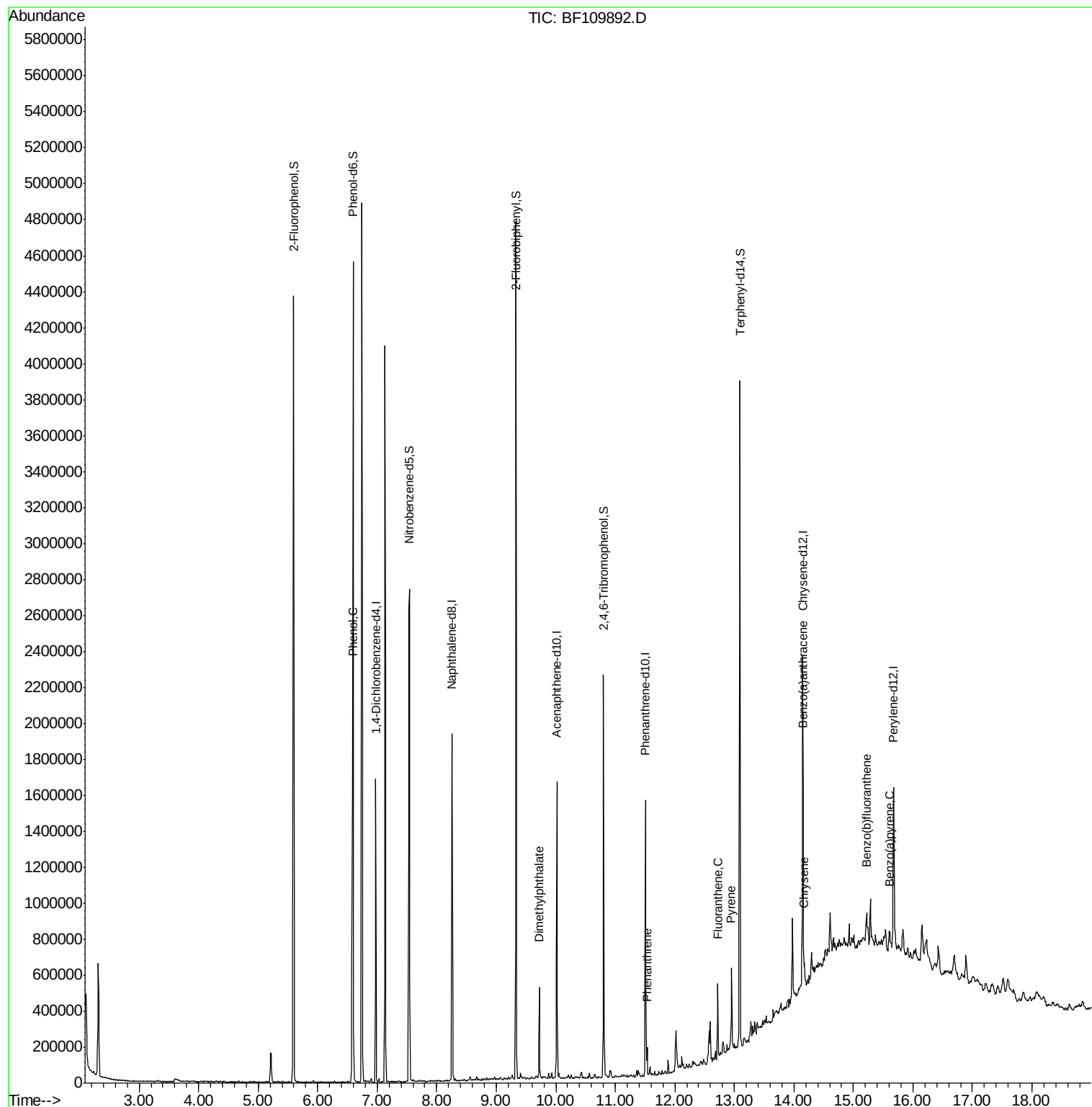
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101518\
Data File : BF109892.D
Acq On : 15 Oct 2018 21:14
Operator : JU/SJ
Sample : J5198-15
Misc :
ALS Vial : 16 Sample Multiplier: 1

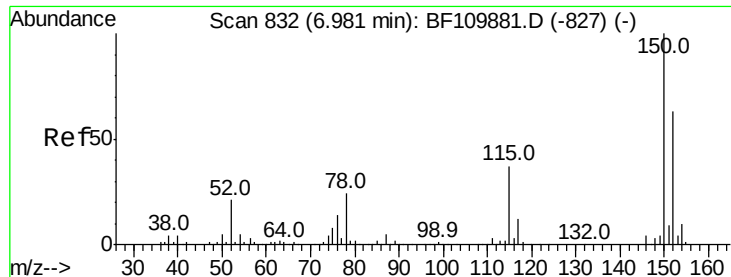
Instrument :
BNA_F
ClientSampleId :
CL-02-101218-C

Quant Time: Oct 16 02:00:34 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

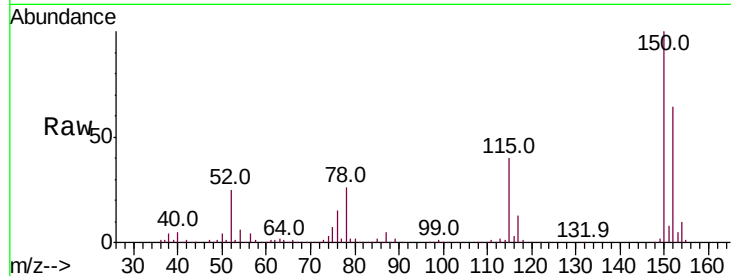
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 831
Delta R.T. -0.01 min
Lab File: BF109892.D
Acq: 15 Oct 2018 21:14

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

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.4	122.7	184.1
115	63.7	49.1	73.7

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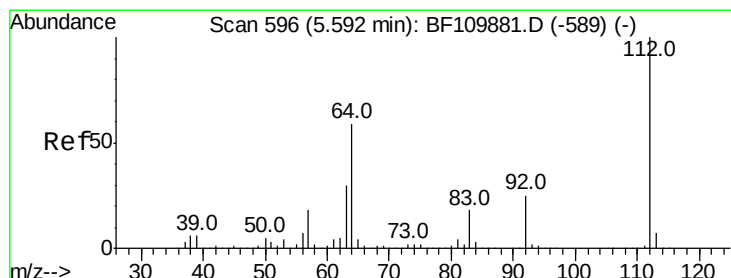
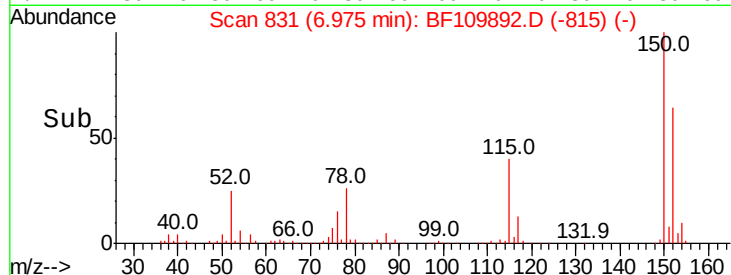
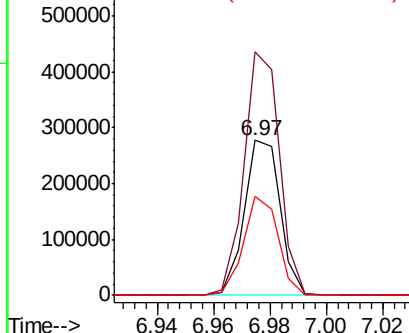


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

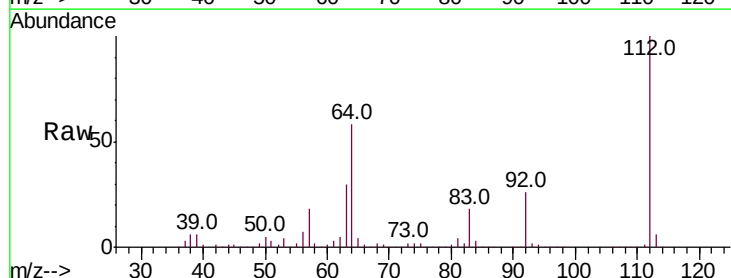
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 80.807 ng
RT: 5.60 min Scan# 597
Delta R.T. 0.01 min
Lab File: BF109892.D
Acq: 15 Oct 2018 21:14

Tgt Ion	Ratio	Lower	Upper
112	100		
64	57.9	44.1	66.1
63	30.1	23.7	35.5

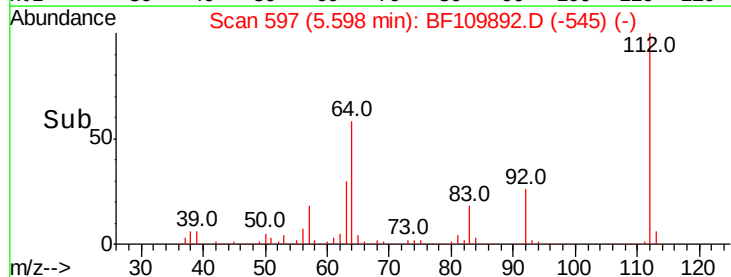
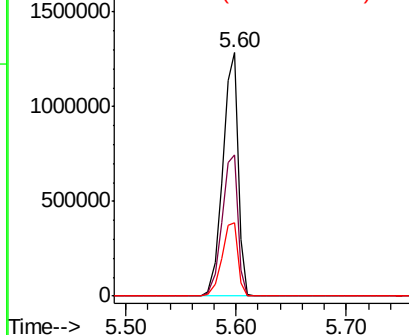


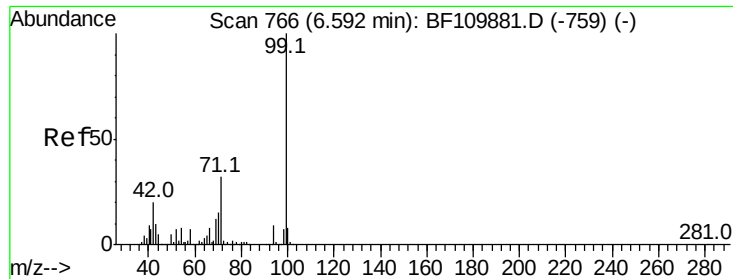
Abundance

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: 79.188 ng

RT: 6.59 min Scan# 766

Delta R.T. -0.00 min

Lab File: BF109892.D

Acq: 15 Oct 2018 21:14

Instrument :

BNA_F

ClientSampleId :

CL-02-101218-C

Tot Ion: 99 Resp: 1520624

Ion Ratio Lower Upper

99 100

42 19.5 15.8 23.6

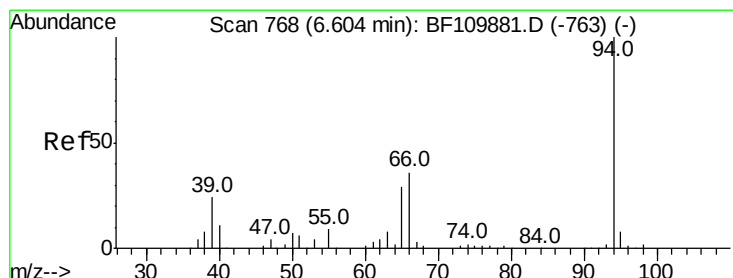
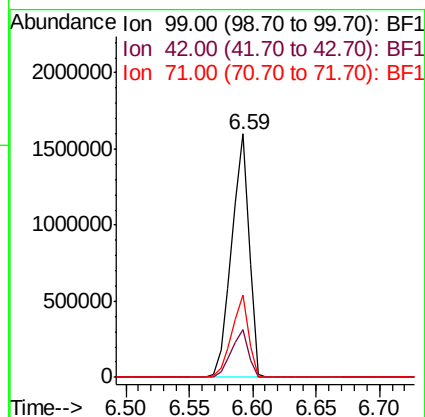
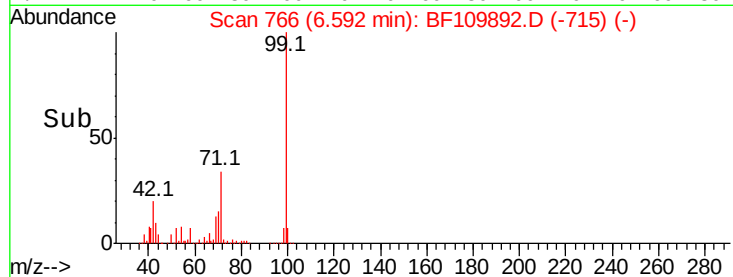
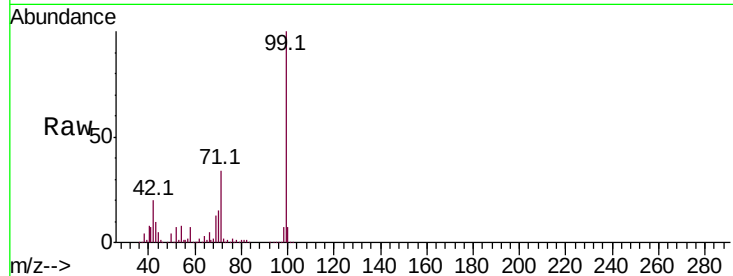
71 33.7 28.0 42.0

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#10

Phenol

Concen: 2.482 ng

RT: 6.60 min Scan# 768

Delta R.T. -0.00 min

Lab File: BF109892.D

Acq: 15 Oct 2018 21:14

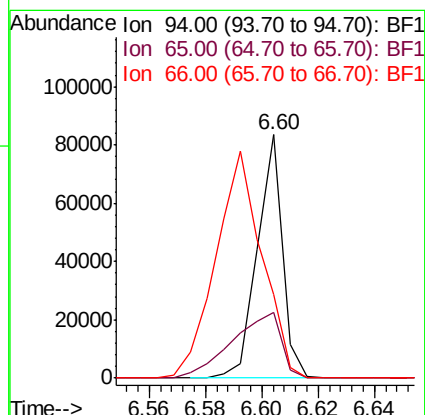
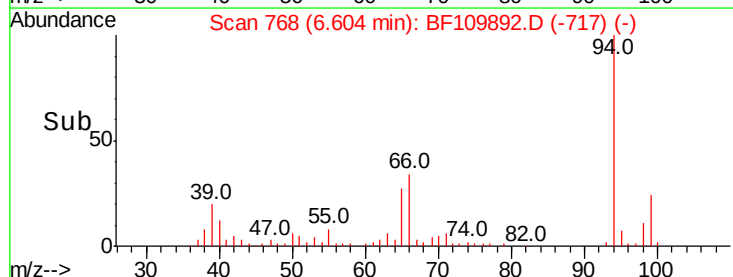
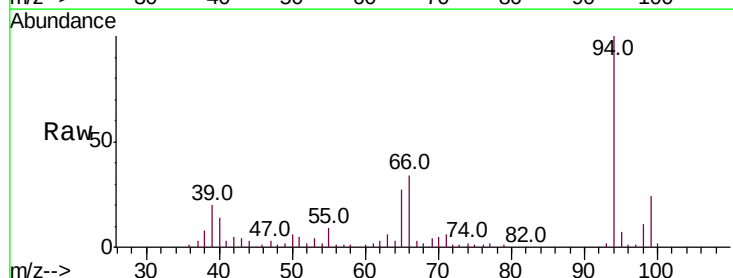
Tgt Ion: 94 Resp: 51457

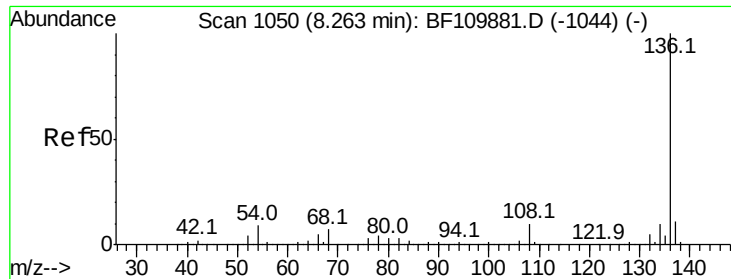
Ion Ratio Lower Upper

94 100

65 26.9 25.3 65.3

66 34.2 54.5 94.5#





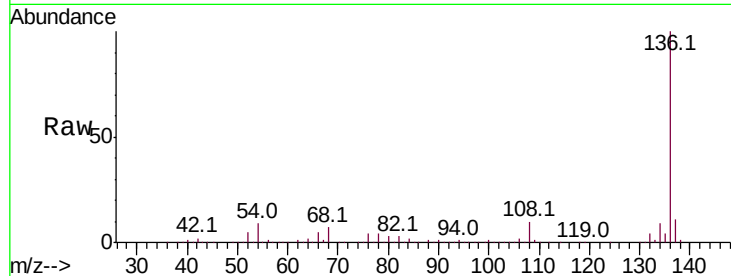
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.26 min Scan# 1049
Delta R.T. -0.01 min
Lab File: BF109892.D
Acq: 15 Oct 2018 21:14

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

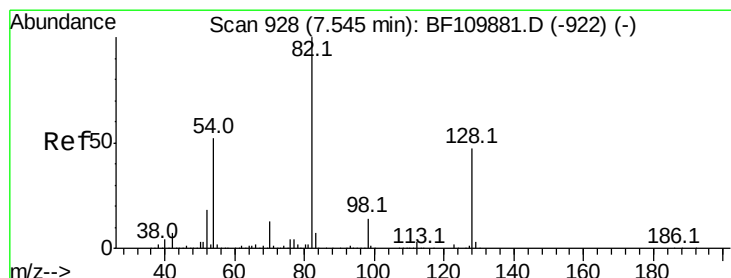
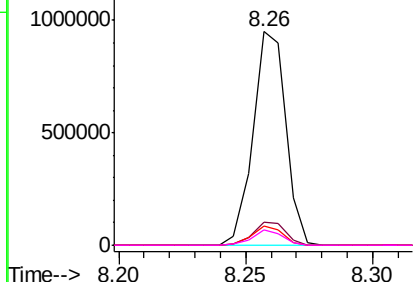
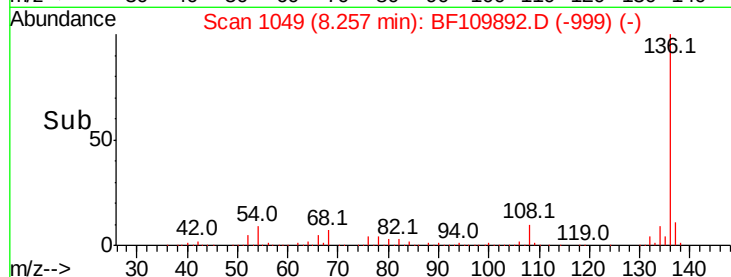
Tot Ion	Ratio	Resp Lower	Upper
136	100		
137	11.0	8.8	13.2
54	9.0	5.4	8.2#
68	6.9	4.2	6.2#

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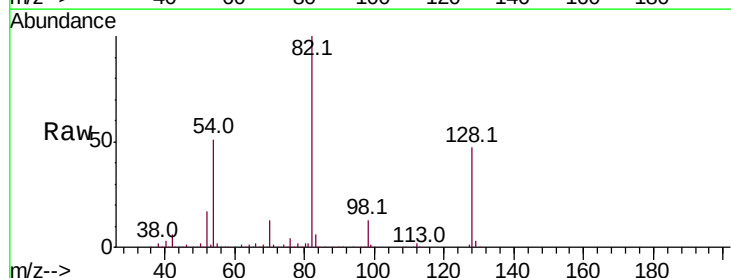


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

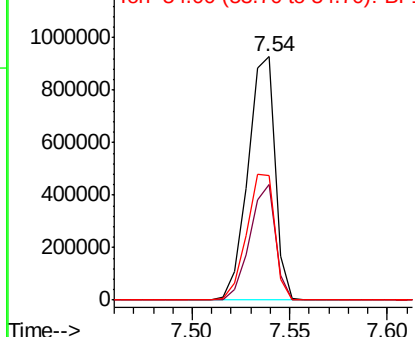
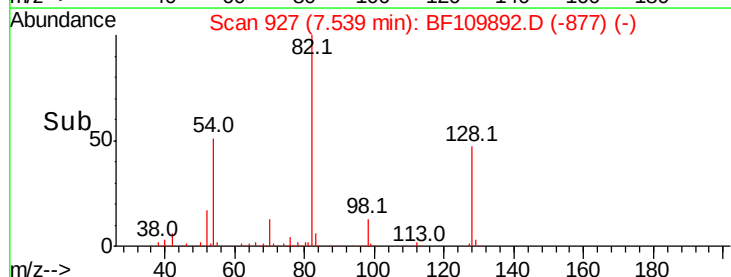


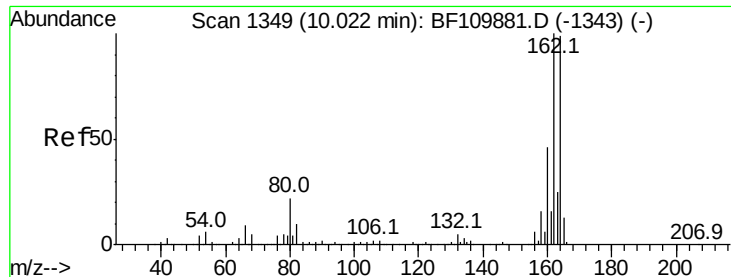
#23
Nitrobenzene-d5
Concen: 70.062 ng
RT: 7.54 min Scan# 927
Delta R.T. -0.01 min
Lab File: BF109892.D
Acq: 15 Oct 2018 21:14

Tgt Ion	Ratio	Resp Lower	Upper
82	100		
128	47.2	34.2	51.2
54	51.4	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





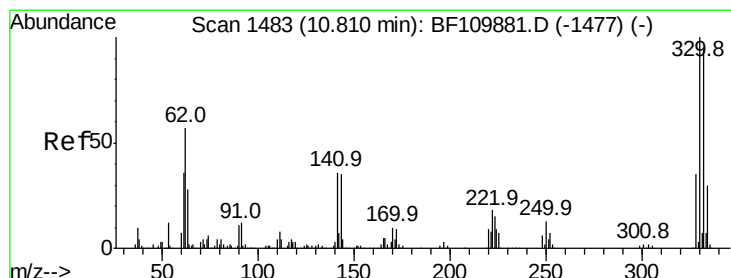
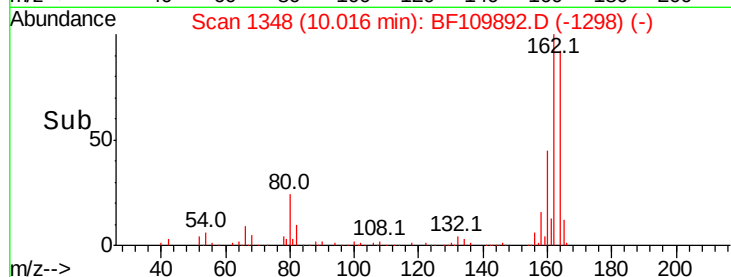
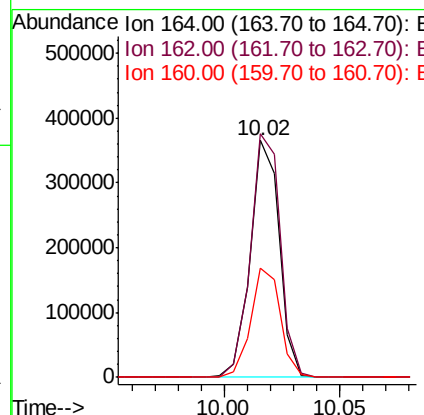
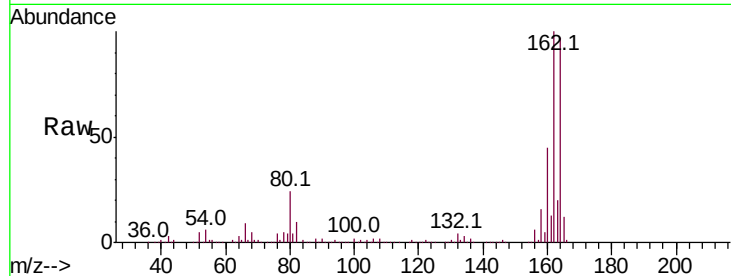
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.02 min Scan# 1348
Delta R.T. -0.01 min
Lab File: BF109892.D
Acq: 15 Oct 2018 21:14

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

Tot Ion	Ratio	Lower	Upper
164	100		
162	102.7	83.0	124.6
160	46.4	37.0	55.6

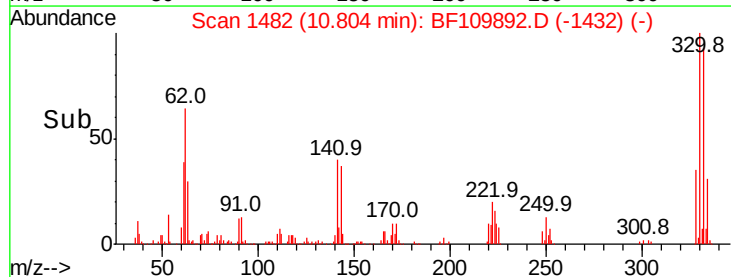
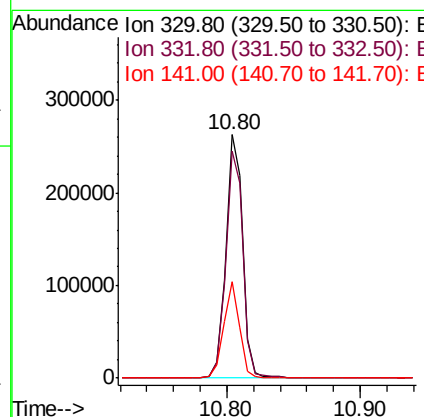
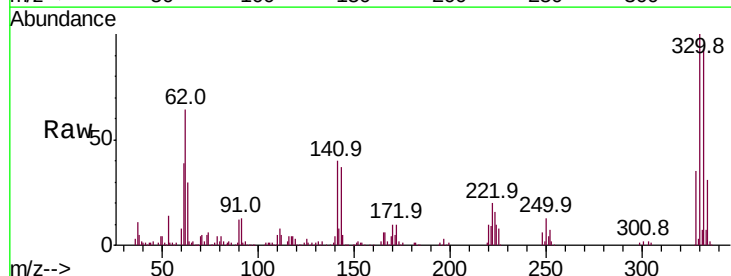
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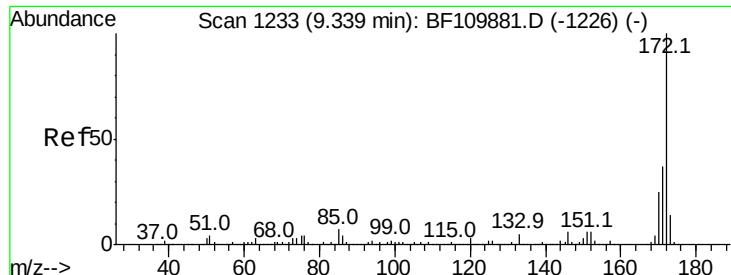
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#42
2,4,6-Tribromophenol
Concen: 84.037 ng
RT: 10.80 min Scan# 1482
Delta R.T. -0.01 min
Lab File: BF109892.D
Acq: 15 Oct 2018 21:14

Tgt Ion	Ratio	Lower	Upper
330	100		
332	94.6	77.1	115.7
141	37.6	27.0	40.4





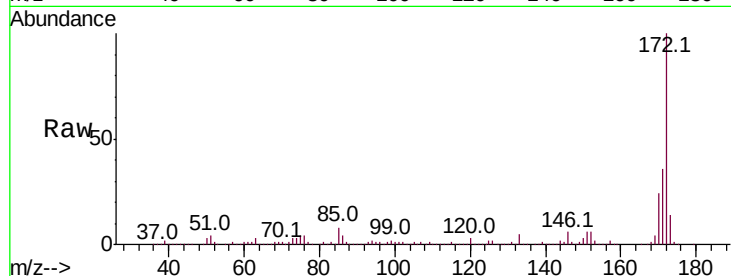
#45
2-Fluorobiphenyl
Concen: 64.865 ng
RT: 9.33 min Scan# 1232
Delta R.T. -0.01 min
Lab File: BF109892.D
Acq: 15 Oct 2018 21:14

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

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.3	28.6	43.0
170	24.0	19.7	29.5

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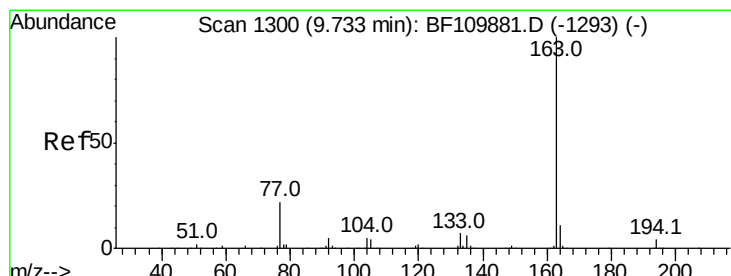
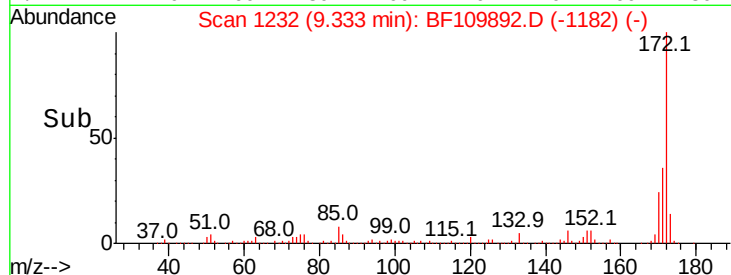
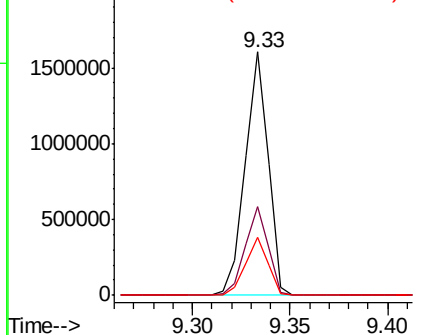


Abundance

Ion 172.00 (171.70 to 172.70): E

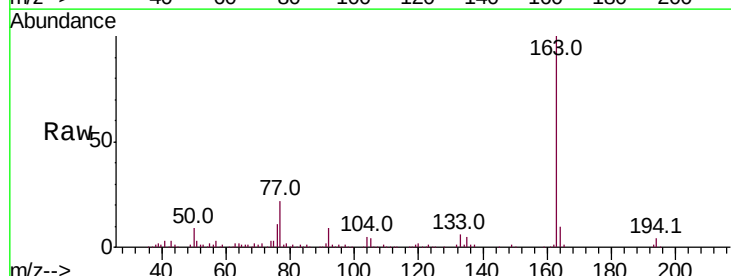
Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#50
Dimethylphthalate
Concen: 7.041 ng
RT: 9.72 min Scan# 1298
Delta R.T. -0.01 min
Lab File: BF109892.D
Acq: 15 Oct 2018 21:14

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.6	3.2	4.8
164	10.5	8.1	12.1

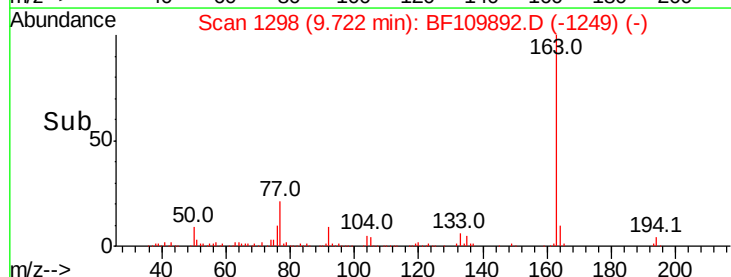
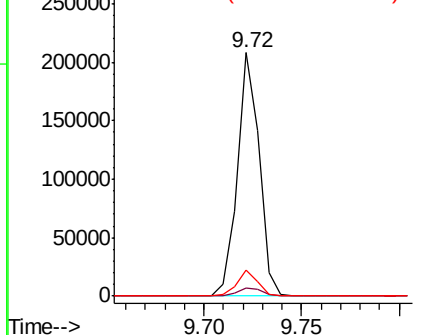


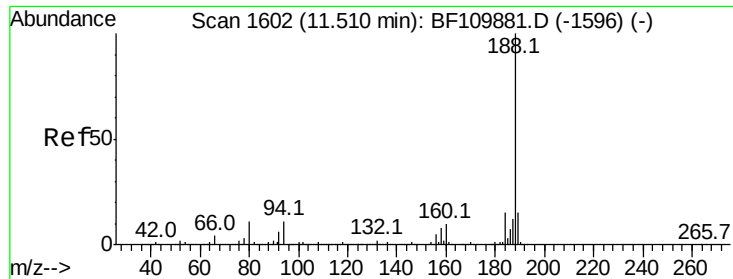
Abundance

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: BF109892.D

Acq: 15 Oct 2018 21:14

Instrument :

BNA_F

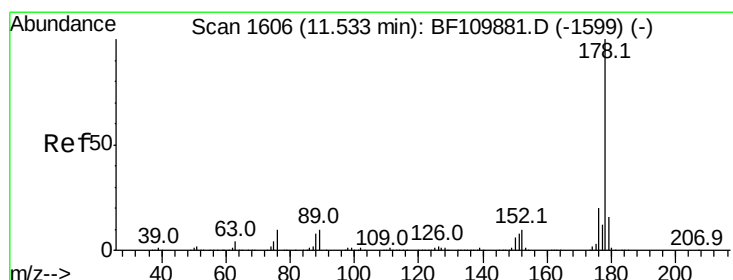
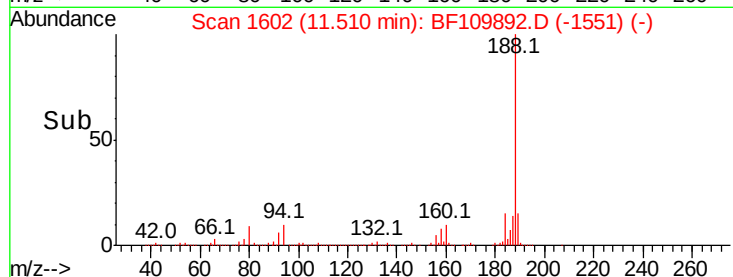
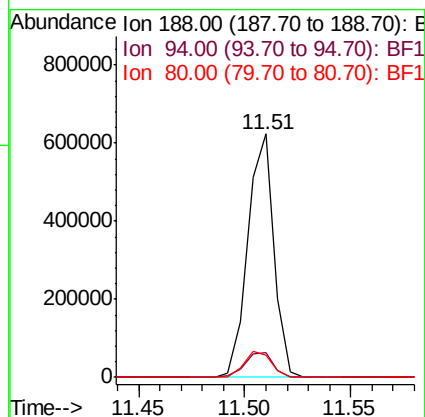
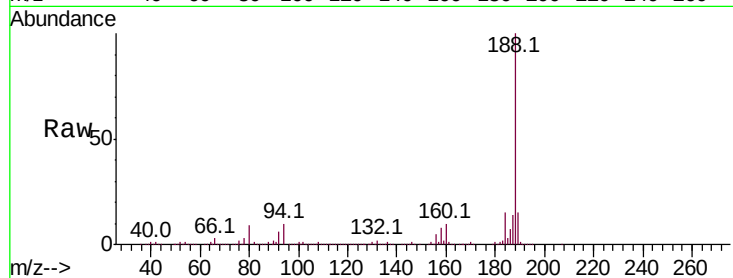
ClientSampleId :

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Tot Ion:	188	Resp:	532628
Ion Ratio	Lower	Upper	
188	100		
94	10.2	7.2	10.8
80	9.3	7.9	11.9

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#71

Phenanthrene

Concen: 2.052 ng

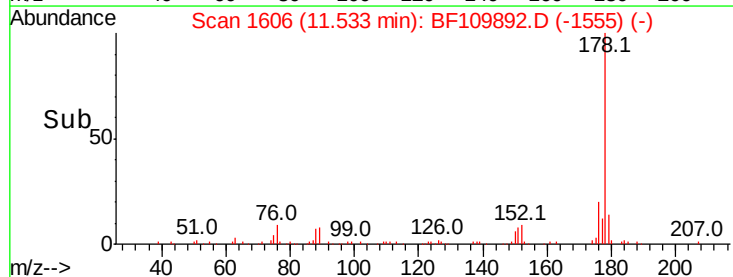
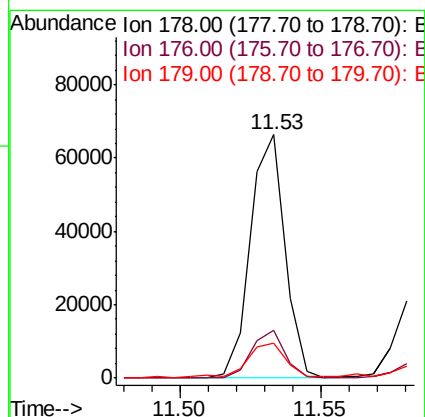
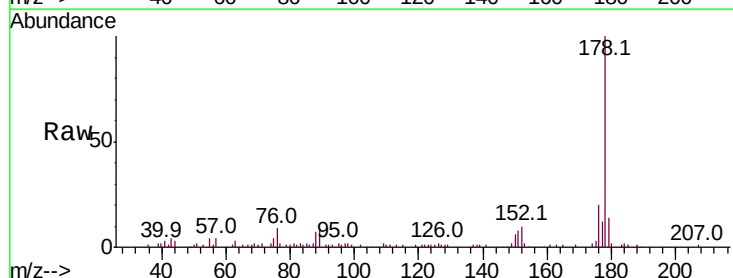
RT: 11.53 min Scan# 1606

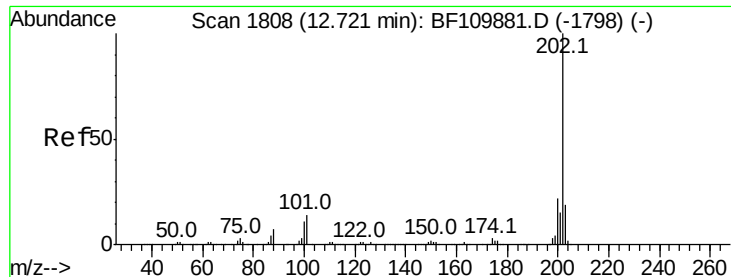
Delta R.T. -0.00 min

Lab File: BF109892.D

Acq: 15 Oct 2018 21:14

Tgt Ion:	178	Resp:	56578
Ion Ratio	Lower	Upper	
178	100		
176	19.8	15.5	23.3
179	14.1	12.5	18.7





#75

Fluoranthene

Concen: 4.999 ng

RT: 12.72 min Scan# 1808

Delta R.T. -0.00 min

Lab File: BF109892.D

Acq: 15 Oct 2018 21:14

Instrument :

BNA_F

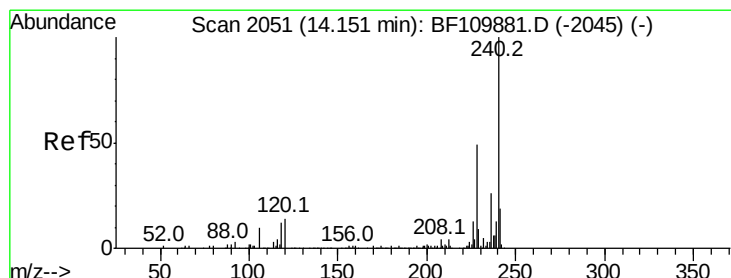
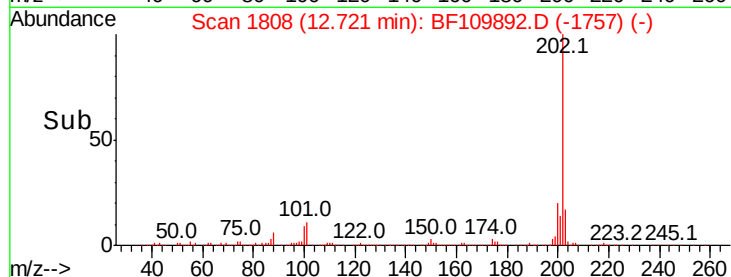
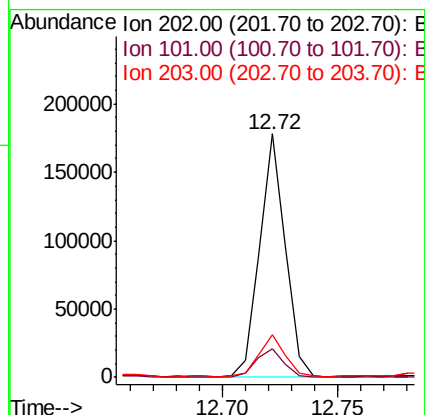
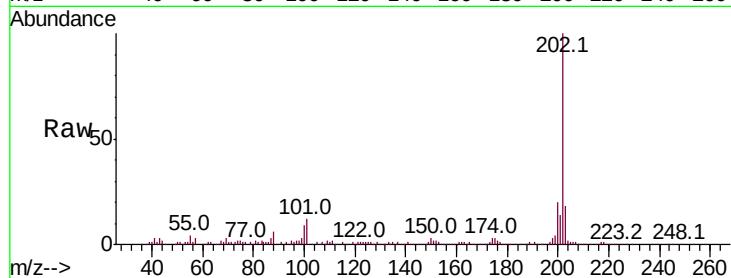
ClientSampleId :

CL-02-101218-C

Tot Ion:	202	Resp:	137703
Ion Ratio	Lower	Upper	
202	100		
101	11.6	0.0	31.4
203	17.6	0.0	37.7

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#76

Chrysene-d12

Concen: 20.000 ng

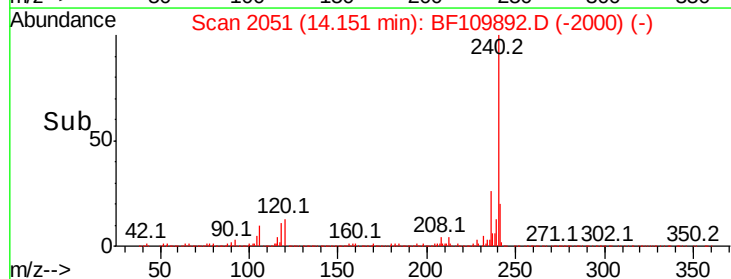
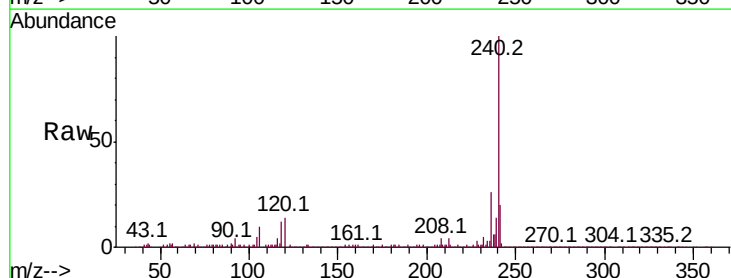
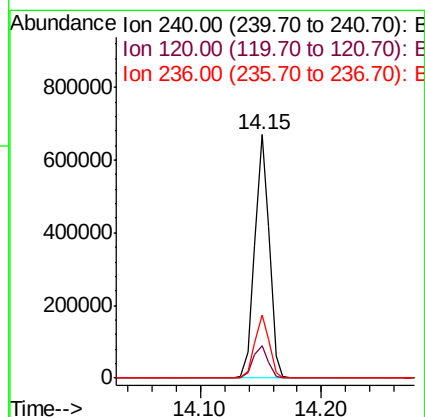
RT: 14.15 min Scan# 2051

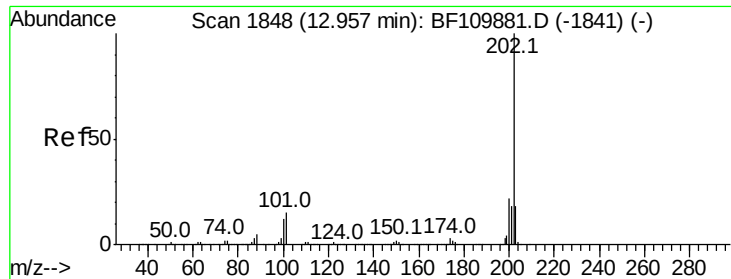
Delta R.T. -0.00 min

Lab File: BF109892.D

Acq: 15 Oct 2018 21:14

Tgt Ion:	240	Resp:	562539
Ion Ratio	Lower	Upper	
240	100		
120	13.5	8.3	12.5#
236	25.8	21.2	31.8





#78

Pvrene

Concen: 3.933 ng

RT: 12.95 min Scan# 1847

Delta R.T. -0.01 min

Lab File: BF109892.D

Acq: 15 Oct 2018 21:14

Instrument :

BNA_F

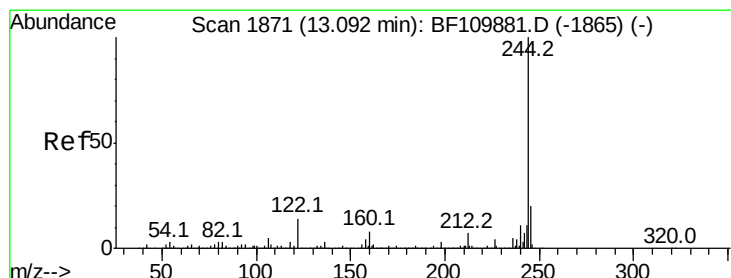
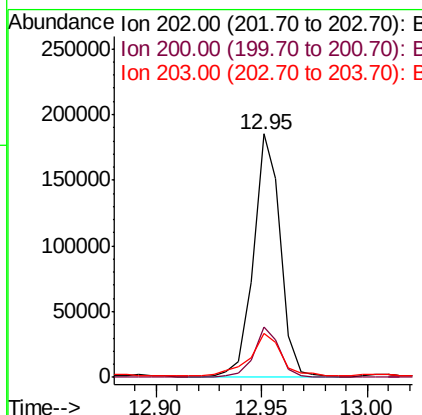
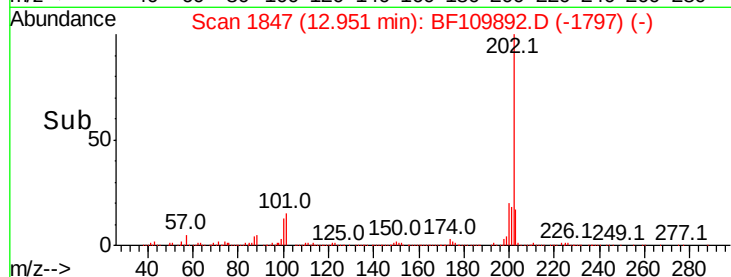
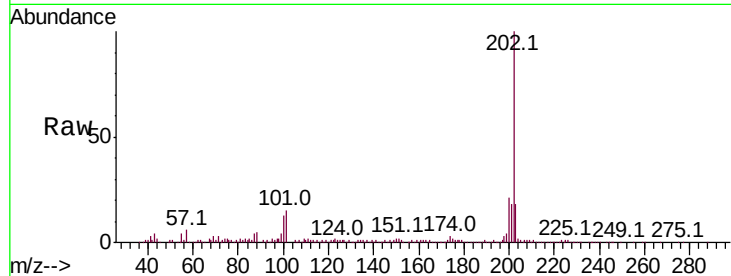
ClientSampleId :

CL-02-101218-C

Tot Ion:	202	Resp:	162513
Ion Ratio	Lower	Upper	
202	100		
200	20.5	17.8	26.6
203	17.8	14.2	21.4

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#79

Terphenyl-d14

Concen: 42.145 ng

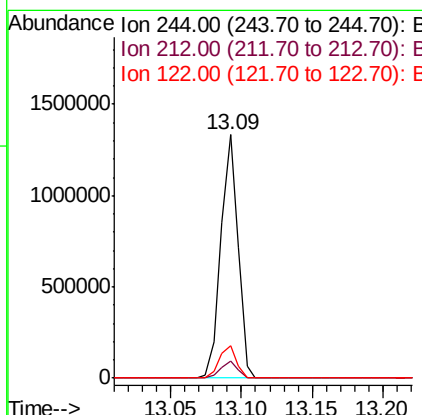
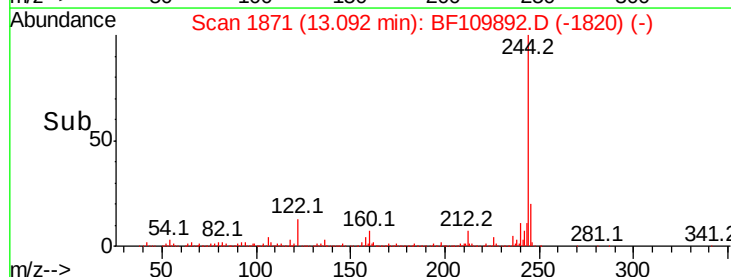
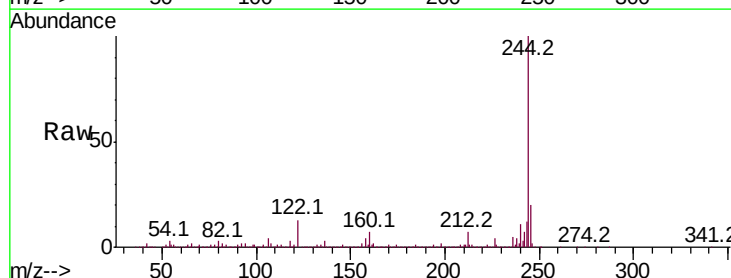
RT: 13.09 min Scan# 1871

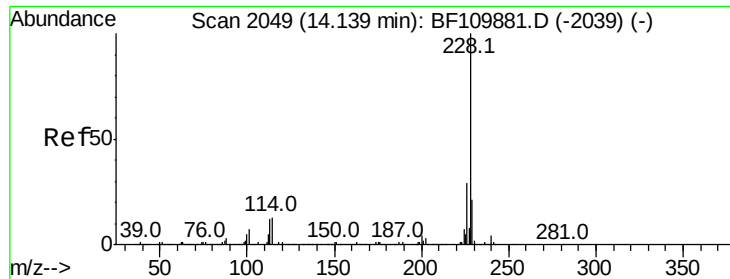
Delta R.T. -0.00 min

Lab File: BF109892.D

Acq: 15 Oct 2018 21:14

Tgt Ion:	244	Resp:	1129006
Ion Ratio	Lower	Upper	
244	100		
212	7.0	5.8	8.8
122	13.1	8.7	13.1#





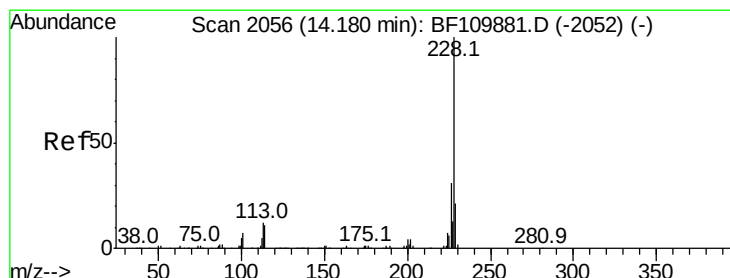
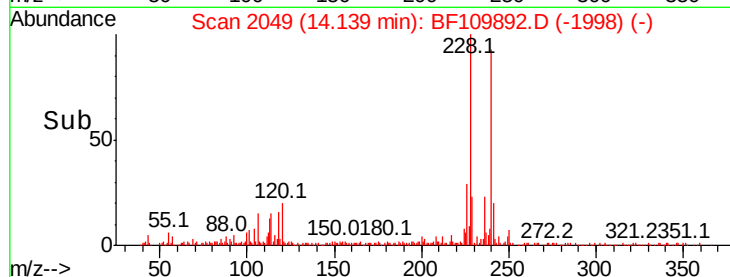
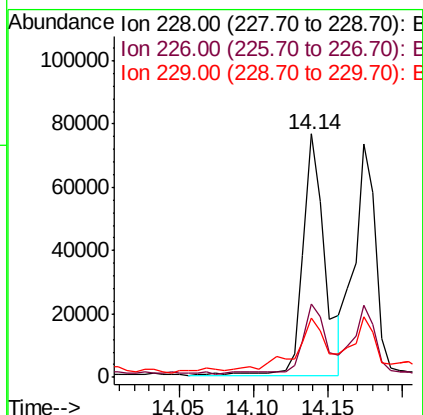
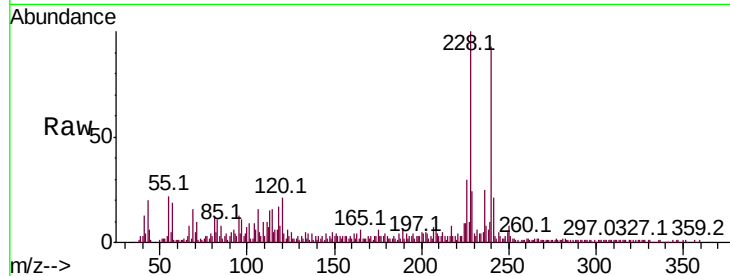
#81
Benzo(a)anthracene
Concen: 2.334 ng
RT: 14.14 min Scan# 2049
Delta R.T. -0.00 min
Lab File: BF109892.D
Acq: 15 Oct 2018 21:14

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

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.4	22.1	33.1
229	24.5	15.6	23.4

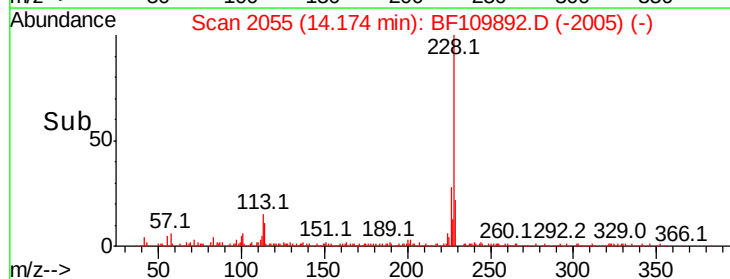
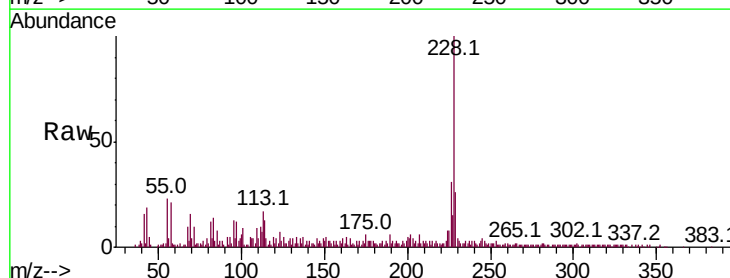
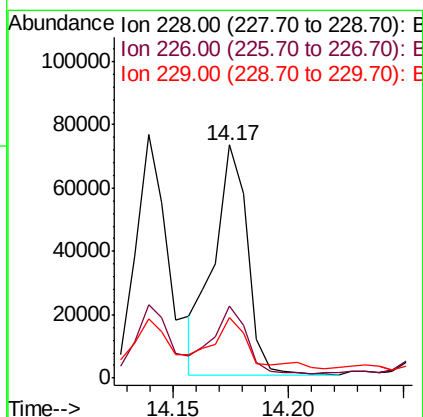
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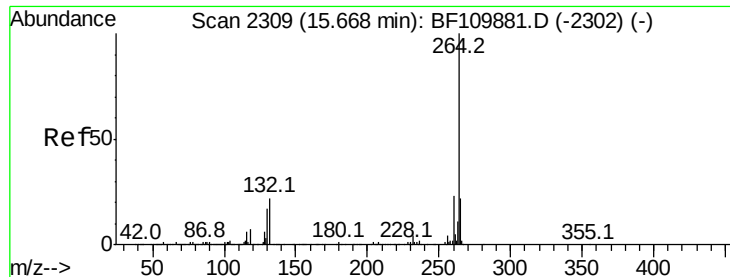
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#83
Chrysene
Concen: 2.331 ng
RT: 14.17 min Scan# 2055
Delta R.T. -0.01 min
Lab File: BF109892.D
Acq: 15 Oct 2018 21:14

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.7	24.7	37.1
229	25.8	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: BF109892.D

Acq: 15 Oct 2018 21:14

Instrument :

BNA_F

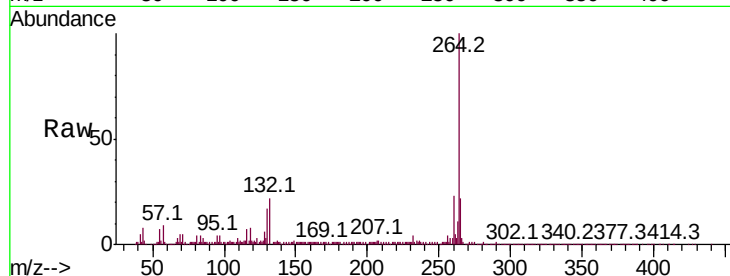
ClientSampleId :

CL-02-101218-C

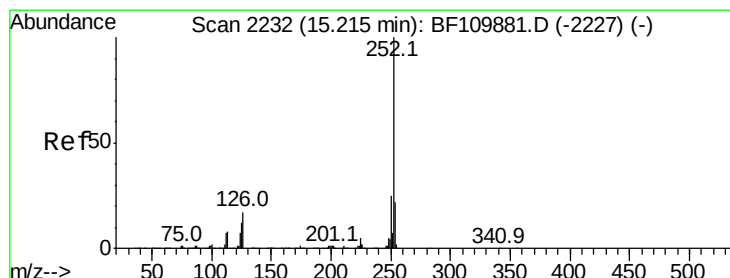
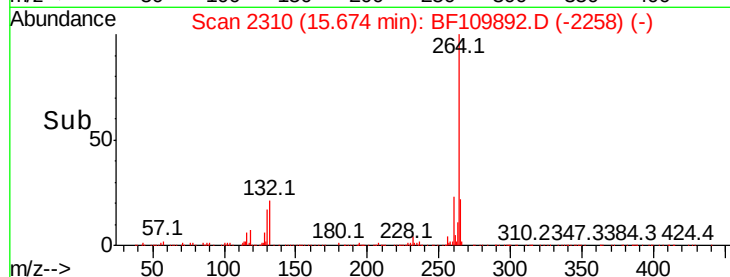
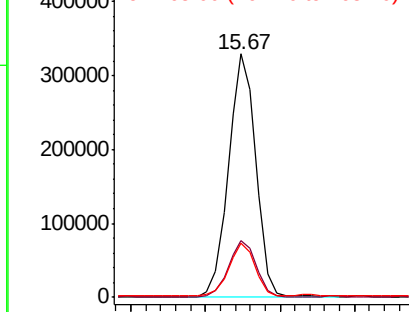
Tot Ion:	264	Resp:	420937
Ion Ratio	Lower	Upper	
264	100		
260	23.5	18.7	28.1
265	22.0	16.7	25.1

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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: 3.457 ng m

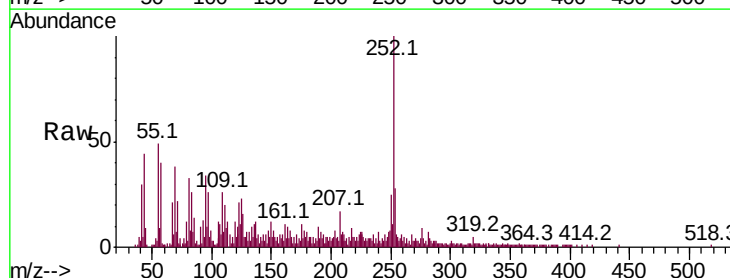
RT: 15.22 min Scan# 2233

Delta R.T. 0.01 min

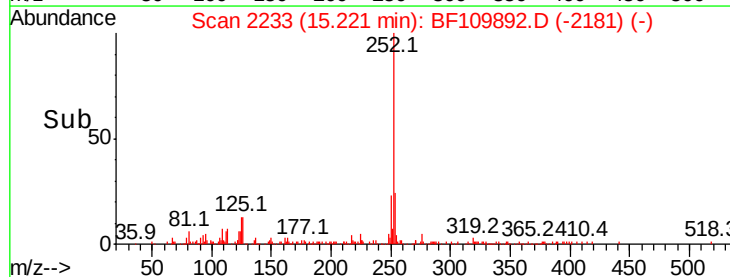
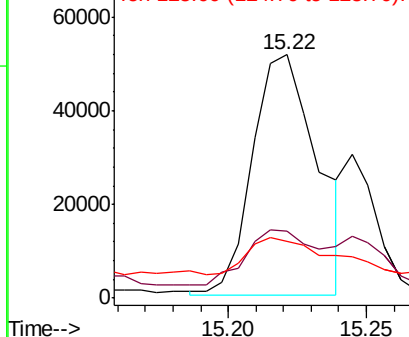
Lab File: BF109892.D

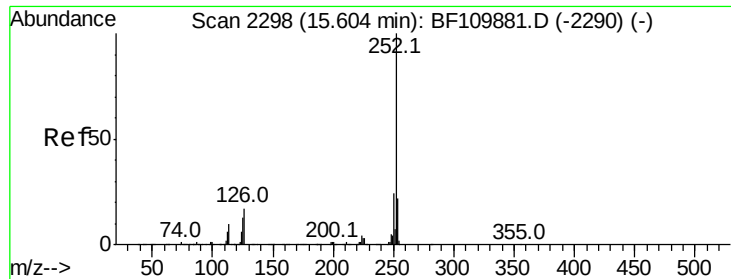
Acq: 15 Oct 2018 21:14

Tgt Ion:	252	Resp:	83895
Ion Ratio	Lower	Upper	
252	100		
253	27.6	17.2	25.8#
125	23.4	8.2	12.4#



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





#90
 Benzo(a)pyrene
 Concen: 2.419 ng
 RT: 15.60 min Scan# 2298
 Delta R.T. -0.00 min
 Lab File: BF109892.D
 Acq: 15 Oct 2018 21:14

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

Tot Ion	Ratio	Lower	Upper
252	100		
253	27.7	18.2	27.4#
125	25.9	9.0	13.6#

Manual Integrations
 APPROVED

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