

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100318\
 Data File : BF109555.D
 Acq On : 3 Oct 2018 19:10
 Operator : JU/SJ
 Sample : J5198-09 2X
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CL-01-100218-E

Manual Integrations
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 10/4/2018 11:44:26 AM

Quant Time: Oct 04 02:27:35 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF092218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Sep 22 13:32:18 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	75525	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	264560	20.00	ng	0.00
38) Acenaphthene-d10	9.73	164	112695	20.00	ng	0.00
63) Phenanthrene-d10	11.21	188	236766	20.00	ng	0.00
75) Chrysene-d12	13.84	240	220391	20.00	ng	0.00
86) Perylene-d12	15.24	264	151906	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	174018	37.95	ng	0.00
7) Phenol-d6	6.35	99	234051	40.00	ng	-0.01
23) Nitrobenzene-d5	7.26	82	132826	29.64	ng	-0.02
41) 2,4,6-Tribromophenol	10.52	330	53919	48.53	ng	-0.01
44) 2-Fluorobiphenyl	9.06	172	225578	30.19	ng	-0.02
78) Terphenyl-d14	12.79	244	261628	29.13	ng	-0.01
Target Compounds						
49) Dimethylphthalate	9.45	163	77760	9.487	ng	Qvalue # 98
51) Acenaphthene	9.76	154	18003	2.691	ng	96
57) Fluorene	10.28	166	29216	4.115	ng	99
70) Phenanthrene	11.23	178	136719	11.565	ng	98
71) Anthracene	11.29	178	51357	4.283	ng	100
74) Fluoranthene	12.42	202	211670	16.755	ng	95
77) Pyrene	12.64	202	196790	12.459	ng	100
80) Benzo(a)anthracene	13.83	228	83052	6.256	ng	97
82) Chrysene	13.87	228	77670	5.903	ng	97
85) Indeno(1,2,3-cd)pyrene	16.60	276	24744	2.320	ng	# 91
87) Benzo(b)fluoranthene	14.85	252	72202m	8.650	ng	
88) Benzo(k)fluoranthene	14.87	252	19593m	2.474	ng	
89) Benzo(a)pyrene	15.19	252	47883	6.366	ng	# 91
91) Benzo(a,h,i)perylene	17.01	276	24388	4.021	ng	# 89

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

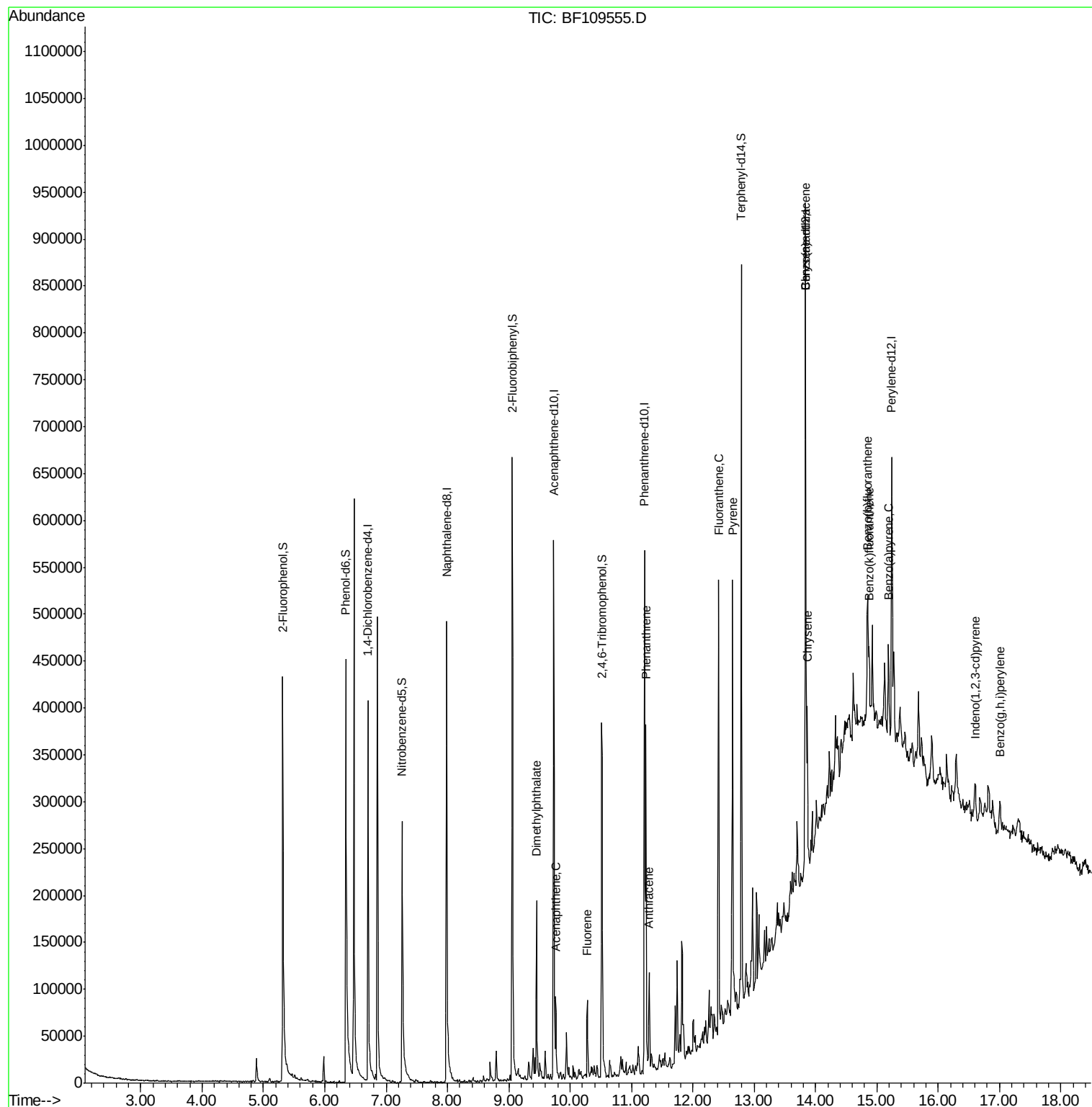
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100318\
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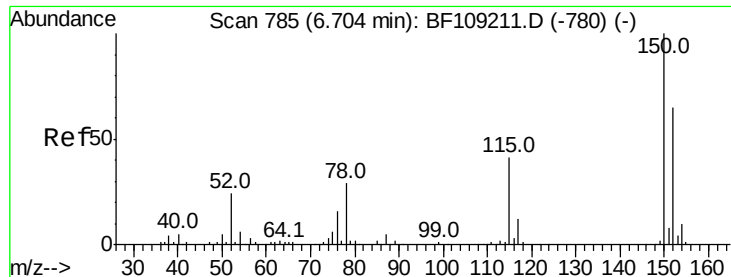
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#1

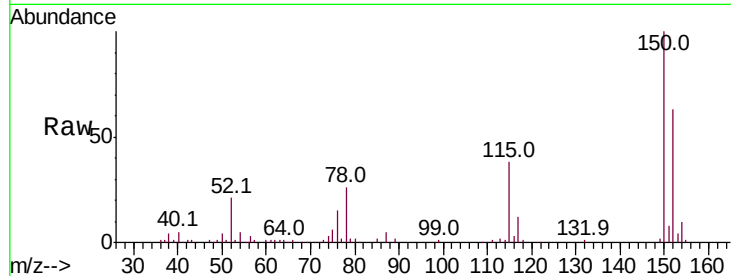
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.70 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF109555.D
Acq: 3 Oct 2018 19:10

Instrument :
BNA_F
ClientSampleId :
CL-01-100218-E

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.5	124.6	186.8
115	60.2	50.1	75.1

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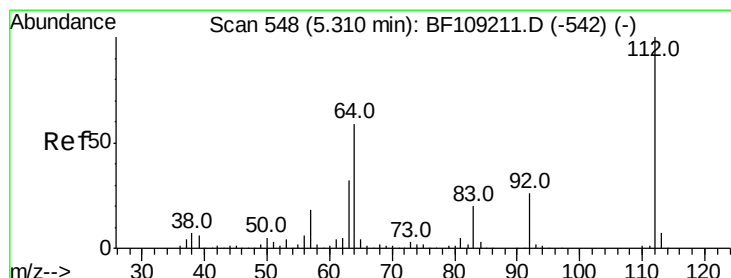
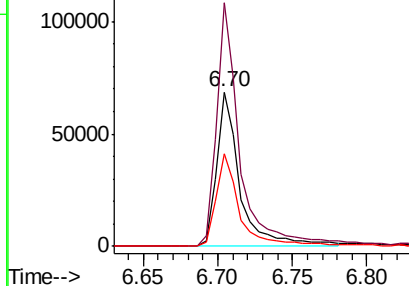
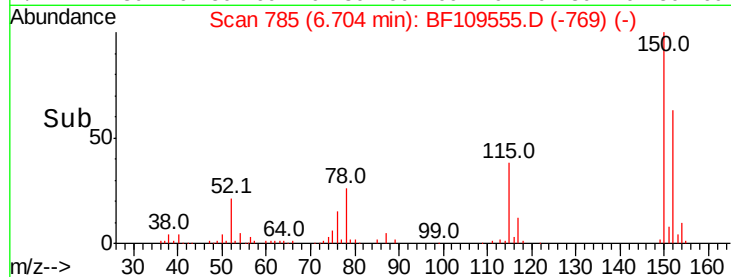


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

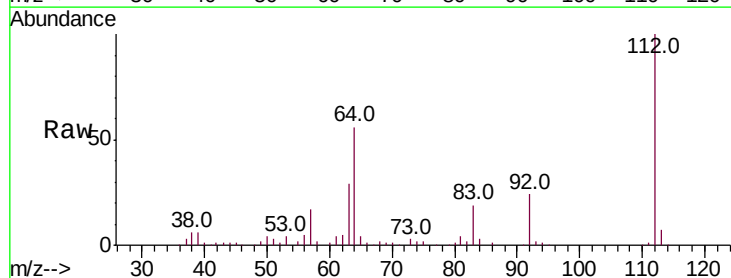
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 37.950 ng
RT: 5.32 min Scan# 549
Delta R.T. -0.00 min
Lab File: BF109555.D
Acq: 3 Oct 2018 19:10

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.5	47.9	71.9
63	29.1	23.7	35.5

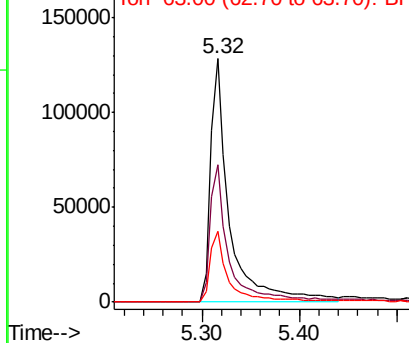
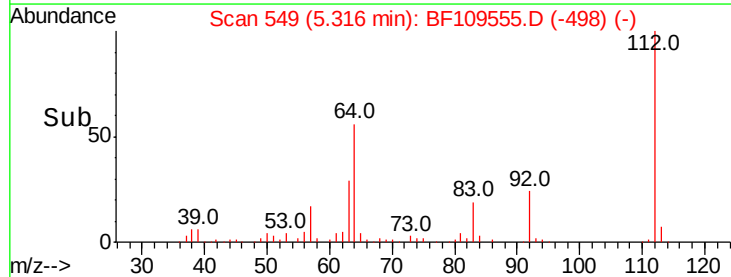


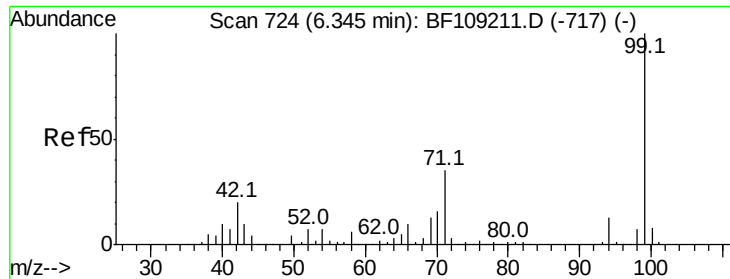
Abundance

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: 40.001 ng

RT: 6.35 min Scan# 724

Delta R.T. -0.01 min

Lab File: BF109555.D

Acq: 3 Oct 2018 19:10

Instrument :

BNA_F

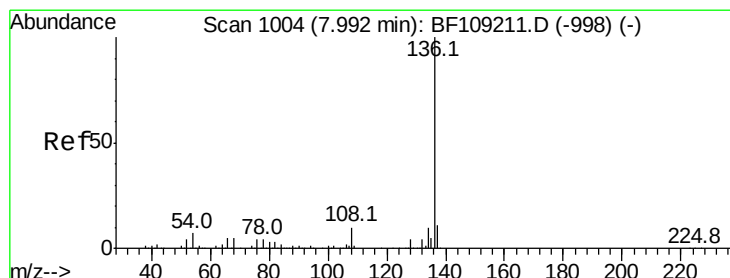
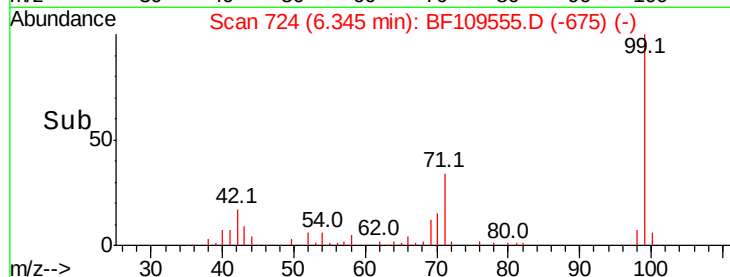
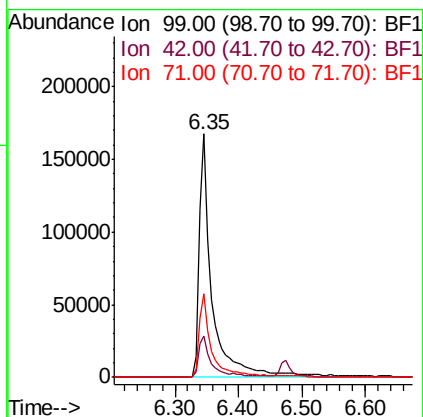
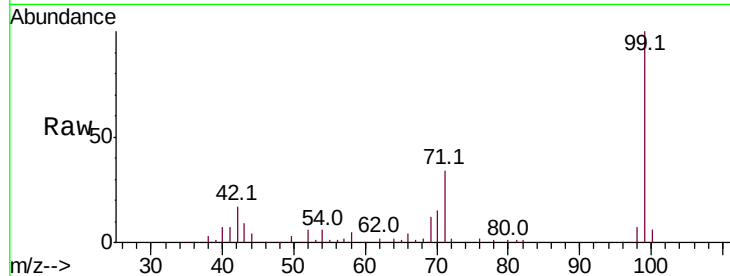
ClientSampleId :

CL-01-100218-E

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		234051		
42	17.1	14.5	21.7		
71	34.2	25.4	38.0		

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#21

Naphthalene-d8

Concen: 20.000 ng

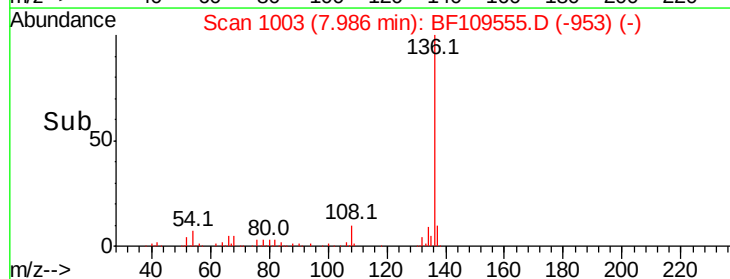
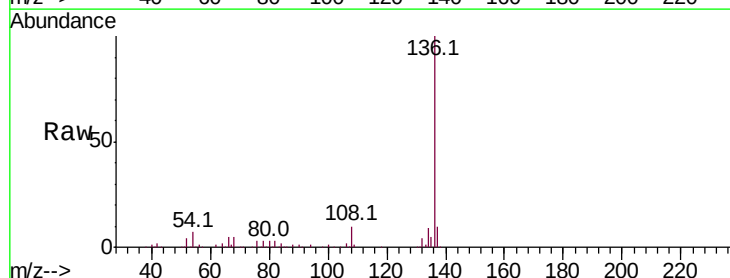
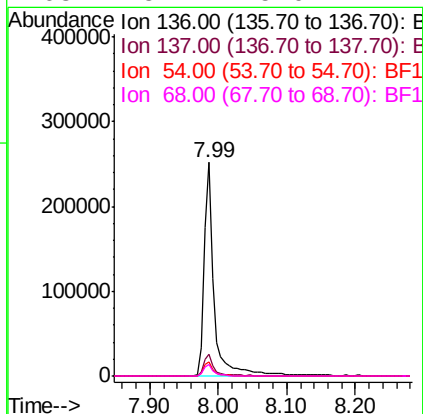
RT: 7.99 min Scan# 1003

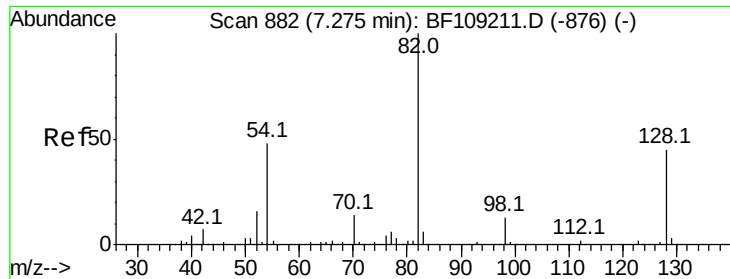
Delta R.T. -0.01 min

Lab File: BF109555.D

Acq: 3 Oct 2018 19:10

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
136	100		264560		
137	10.3	8.9	13.3		
54	6.7	6.6	9.8		
68	5.2	5.0	7.4		





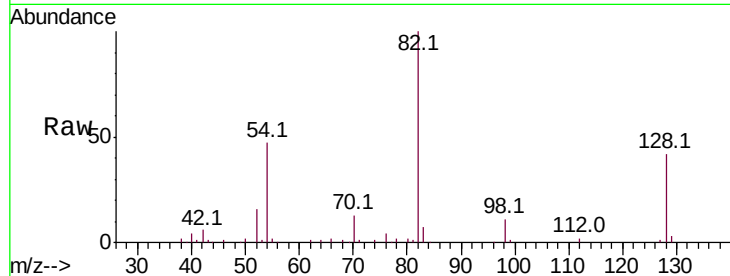
#23
 Nitrobenzene-d5
 Concen: 29.638 ng
 RT: 7.26 min Scan# 880
 Delta R.T. -0.02 min
 Lab File: BF109555.D
 Acq: 3 Oct 2018 19:10

Instrument :
 BNA_F
 ClientSampleId :
 CL-01-100218-E

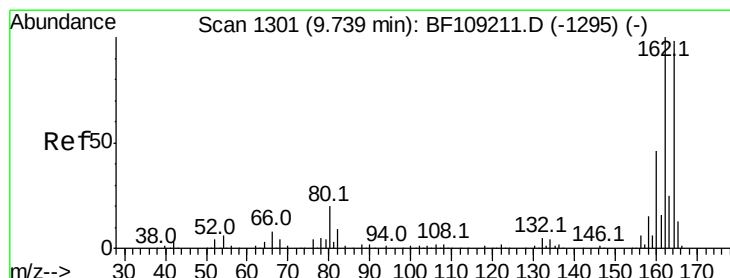
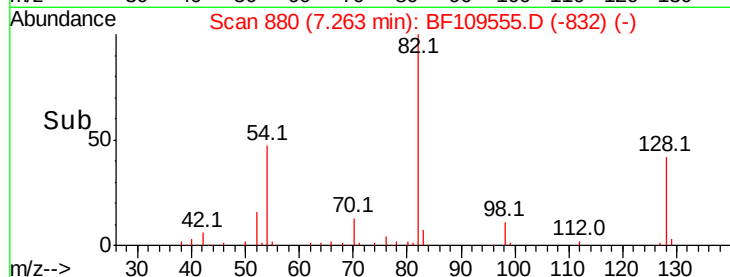
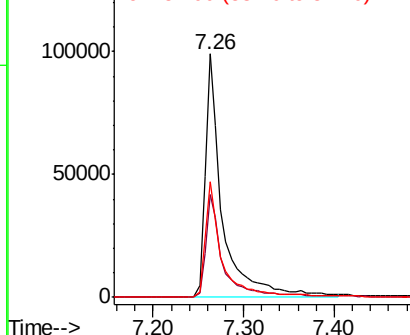
Tot Ion	Ratio	Lower	Upper
82	100		
128	42.3	36.1	54.1
54	47.3	41.4	62.2

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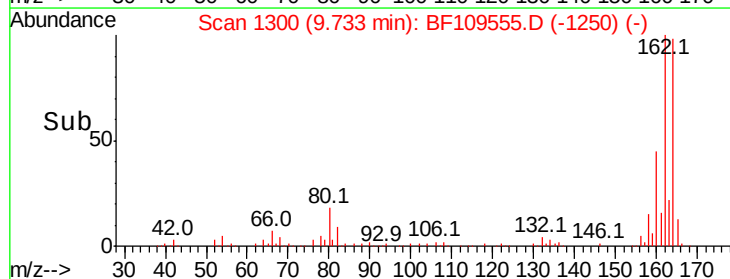
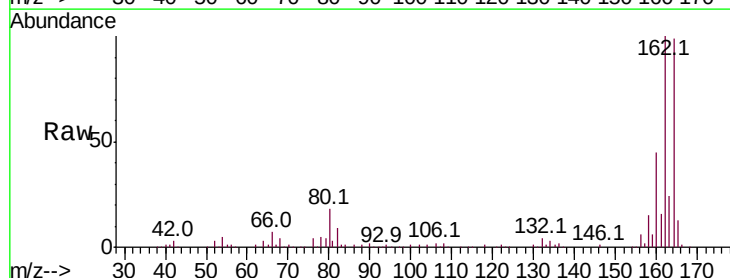
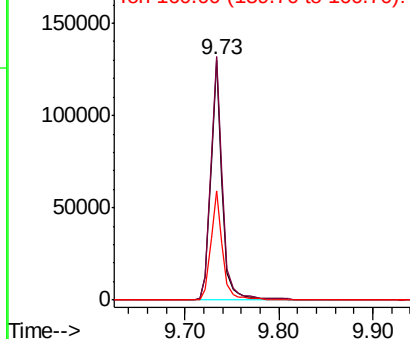
Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF1

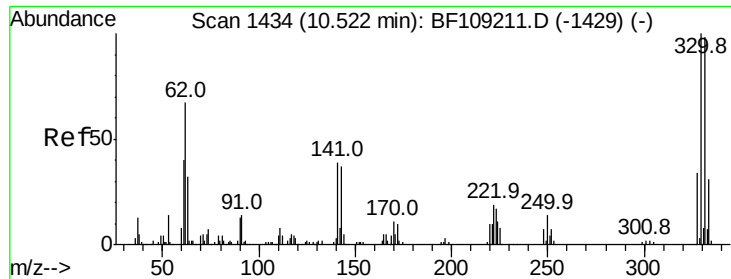


#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.73 min Scan# 1300
 Delta R.T. -0.01 min
 Lab File: BF109555.D
 Acq: 3 Oct 2018 19:10

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.4	86.1	129.1
160	45.5	38.3	57.5

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





#41

2,4,6-Tribromophenol

Concen: 48.535 ng

RT: 10.52 min Scan# 1434

Delta R.T. -0.01 min

Lab File: BF109555.D

Acq: 3 Oct 2018 19:10

Instrument :

BNA_F

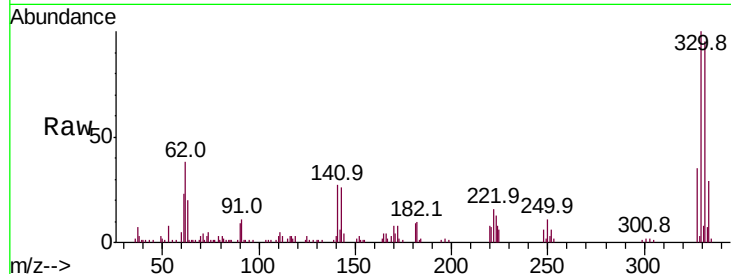
ClientSampleId :

CL-01-100218-E

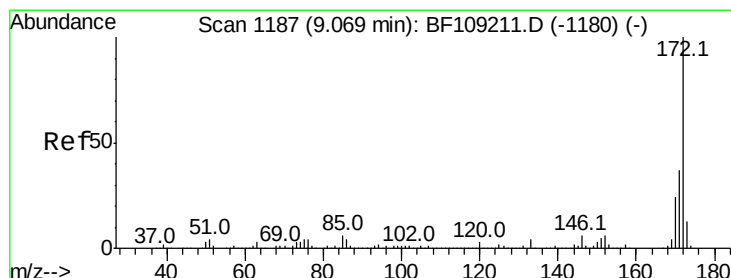
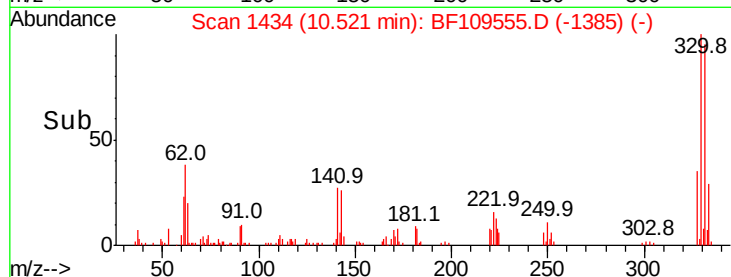
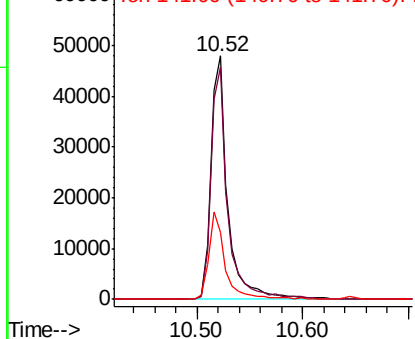
Tot Ion:	330	Resp:	53919
Ion Ratio	Lower	Upper	
330	100		
332	94.5	77.0	115.6
141	34.8	29.9	44.9

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Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E



#44

2-Fluorobiphenyl

Concen: 30.189 ng

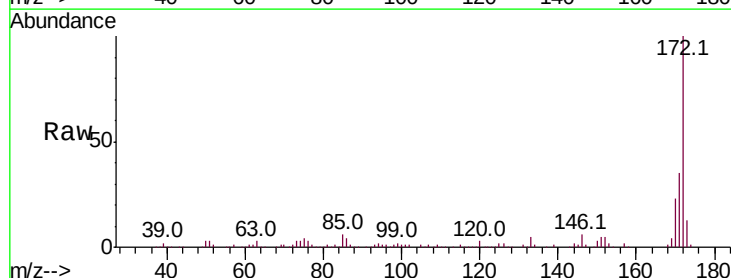
RT: 9.06 min Scan# 1185

Delta R.T. -0.02 min

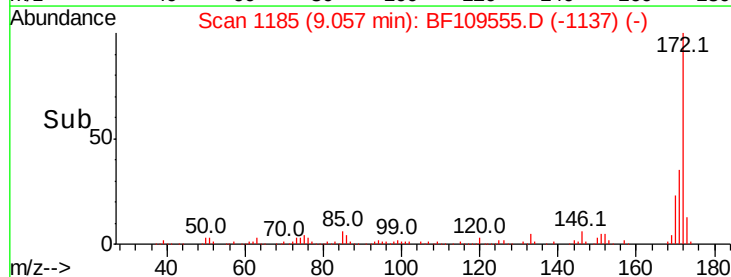
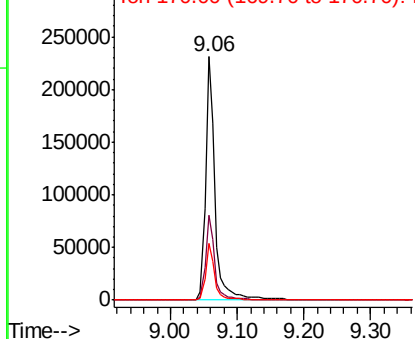
Lab File: BF109555.D

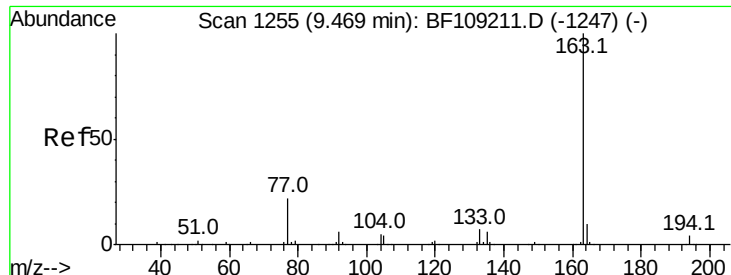
Acq: 3 Oct 2018 19:10

Tgt Ion:	172	Resp:	225578
Ion Ratio	Lower	Upper	
172	100		
171	35.0	29.7	44.5
170	23.3	19.6	29.4



Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E





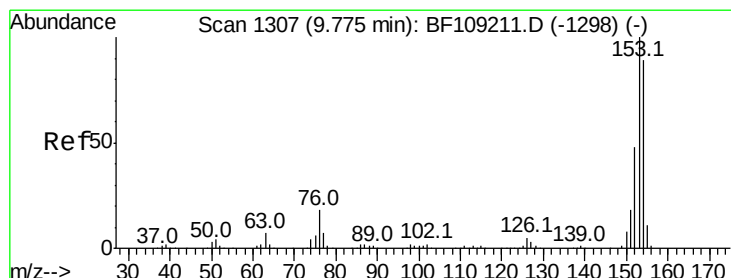
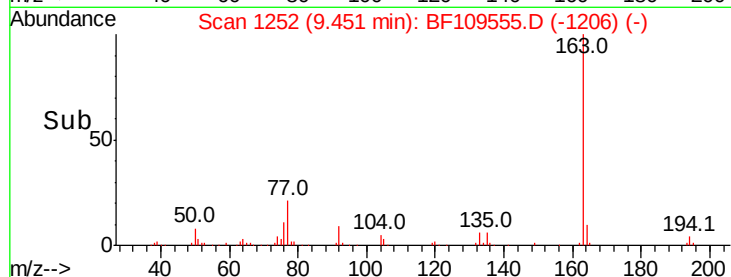
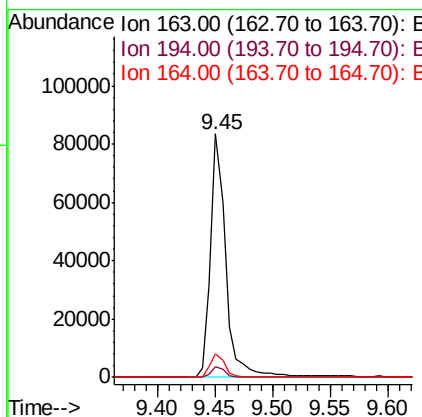
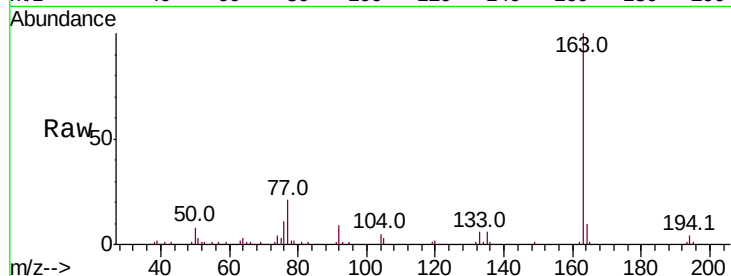
#49
Dimethylphthalate
Concen: 9.487 ng
RT: 9.45 min Scan# 1252
Delta R.T. -0.03 min
Lab File: BF109555.D
Acq: 3 Oct 2018 19:10

Instrument :
BNA_F
ClientSampleId :
CL-01-100218-E

Tot Ion	Ratio	Lower	Upper
163	100		
194	4.1	2.7	4.1#
164	9.7	8.2	12.2

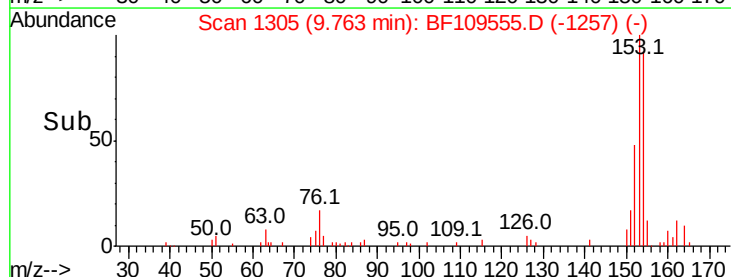
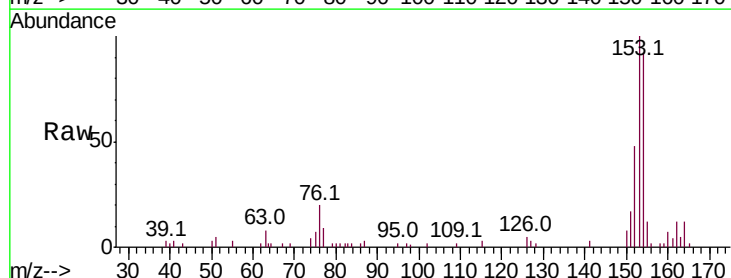
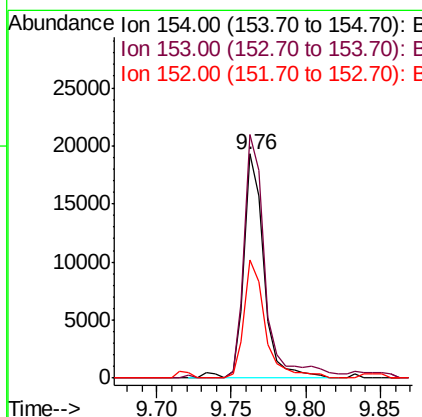
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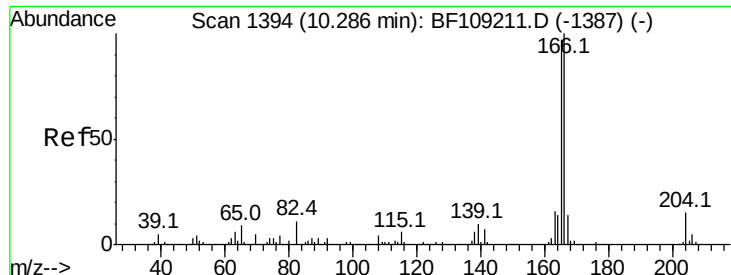
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#51
Acenaphthene
Concen: 2.691 ng
RT: 9.76 min Scan# 1305
Delta R.T. -0.02 min
Lab File: BF109555.D
Acq: 3 Oct 2018 19:10

Tgt Ion	Ratio	Lower	Upper
154	100		
153	108.7	91.2	136.8
152	52.7	43.8	65.8





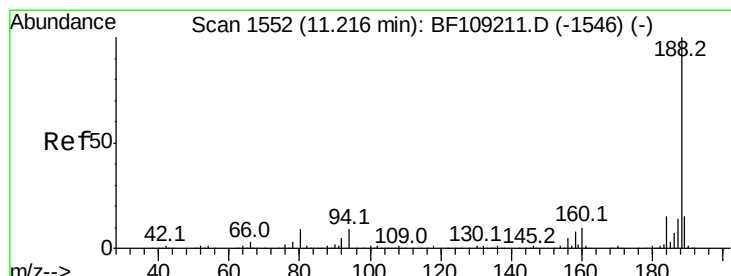
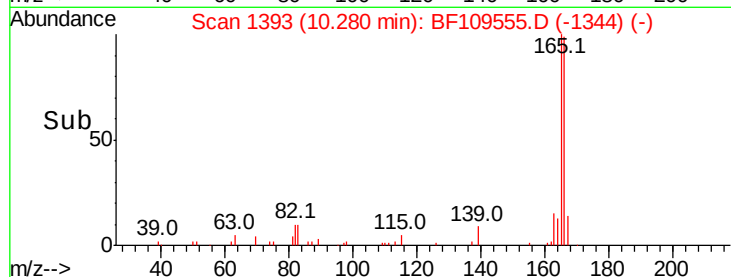
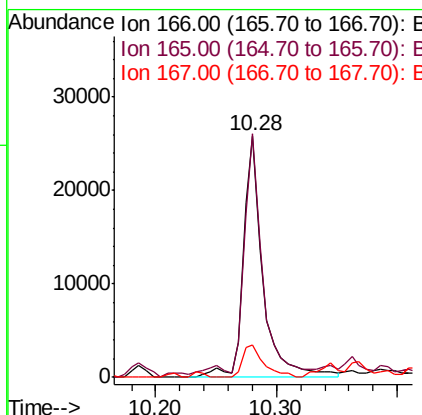
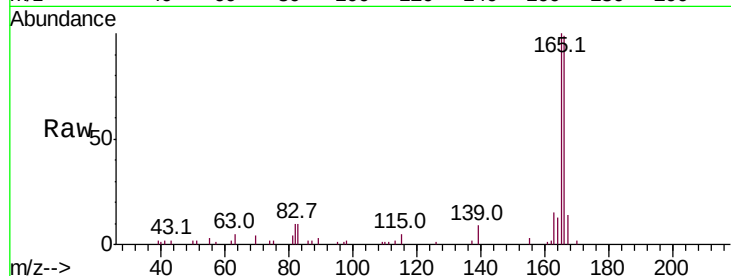
#57
 Fluorene
 Concen: 4.115 ng
 RT: 10.28 min Scan# 1393
 Delta R.T. -0.01 min
 Lab File: BF109555.D
 Acq: 3 Oct 2018 19:10

Instrument :
 BNA_F
 ClientSampleId :
 CL-01-100218-E

Tot Ion	Ratio	Lower	Upper
166	100		
165	101.0	79.8	119.8
167	13.7	10.6	16.0

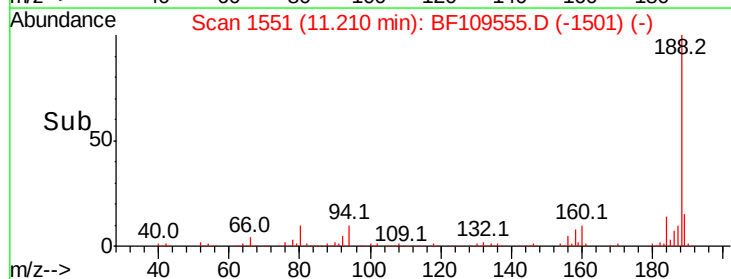
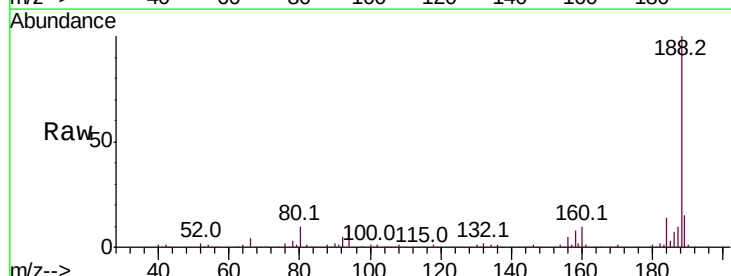
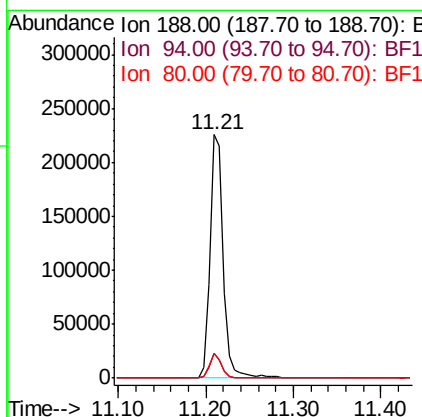
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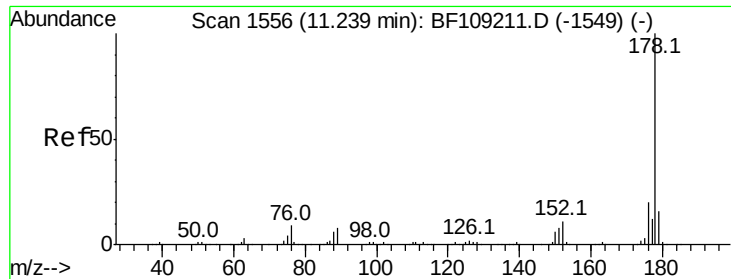
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#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.21 min Scan# 1551
 Delta R.T. -0.01 min
 Lab File: BF109555.D
 Acq: 3 Oct 2018 19:10

Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.0	8.5	12.7
80	10.0	9.2	13.8





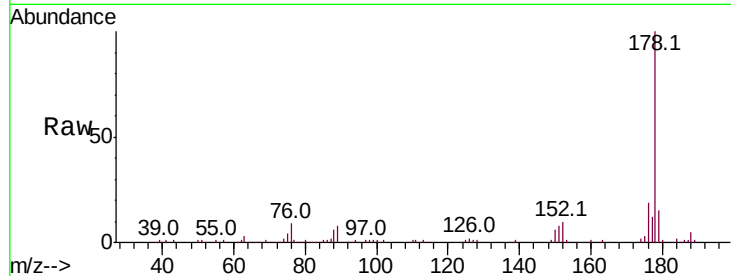
#70
Phenanthrene
Concen: 11.565 ng
RT: 11.23 min Scan# 1555
Delta R.T. -0.01 min
Lab File: BF109555.D
Acq: 3 Oct 2018 19:10

Instrument :
BNA_F
ClientSampleId :
CL-01-100218-E

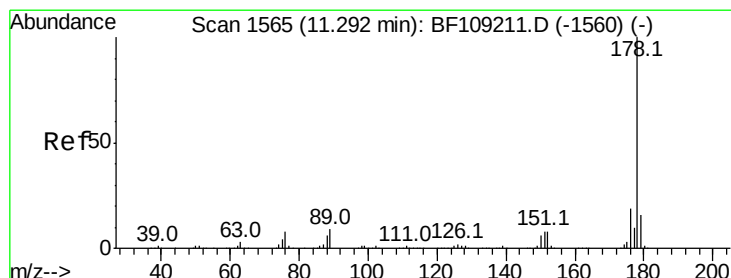
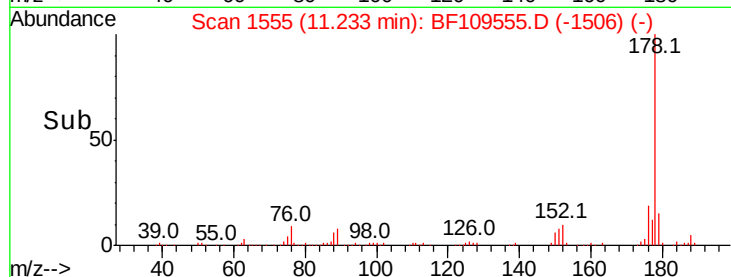
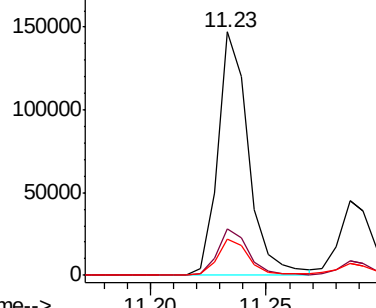
Tot Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.8	23.8
179	14.8	13.0	19.6

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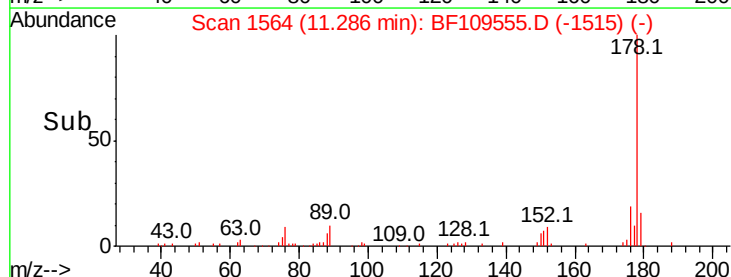
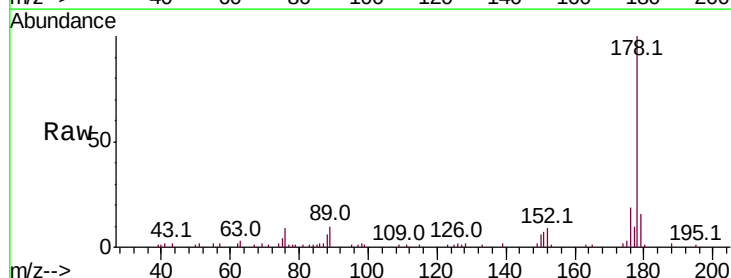
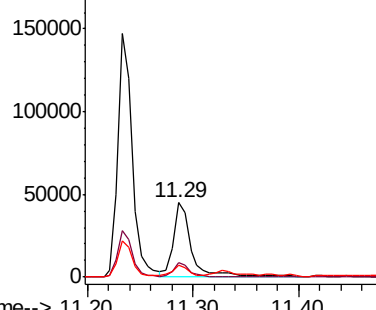
Abundance Ion 178.00 (177.70 to 178.70): E
200000 Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

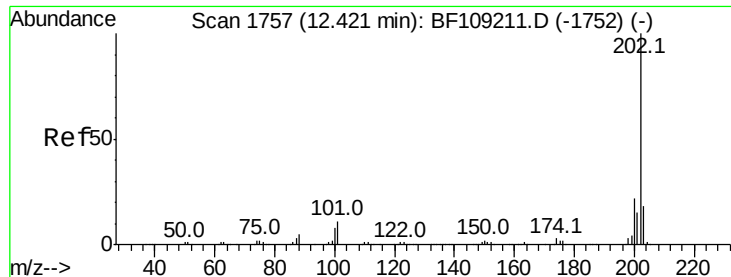


#71
Anthracene
Concen: 4.283 ng
RT: 11.29 min Scan# 1564
Delta R.T. -0.01 min
Lab File: BF109555.D
Acq: 3 Oct 2018 19:10

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.4	23.2
179	15.7	12.6	19.0

Abundance Ion 178.00 (177.70 to 178.70): E
200000 Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E





#74

Fluoranthene

Concen: 16.755 ng

RT: 12.42 min Scan# 1757

Delta R.T. -0.01 min

Lab File: BF109555.D

Acq: 3 Oct 2018 19:10

Instrument :

BNA_F

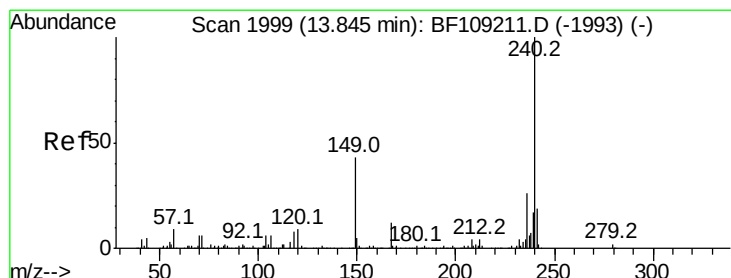
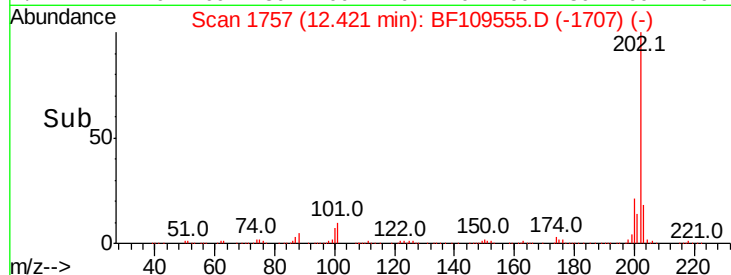
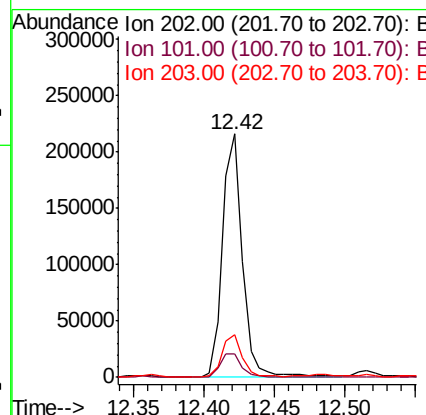
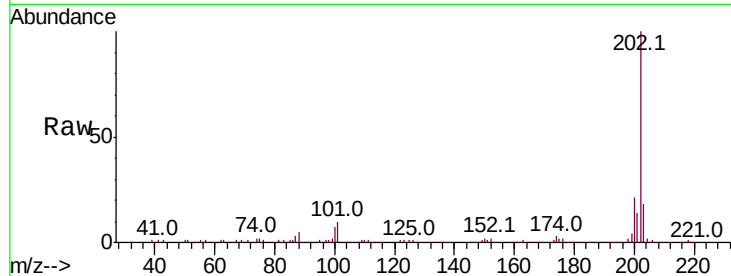
ClientSampleId :

CL-01-100218-E

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	9.9	0.0	34.1
203	17.6	0.0	38.1

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#75

Chrysene-d12

Concen: 20.000 ng

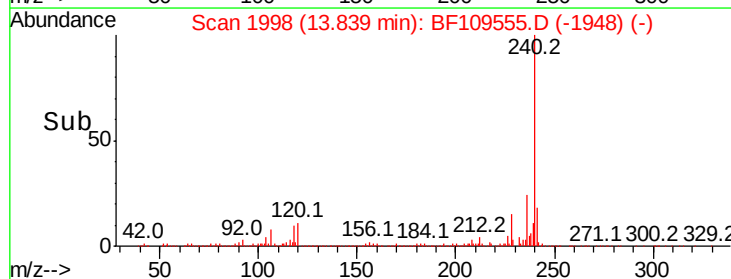
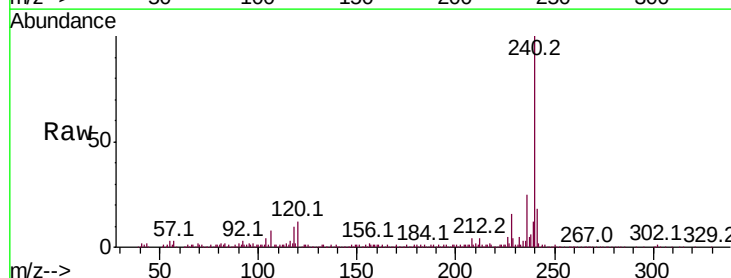
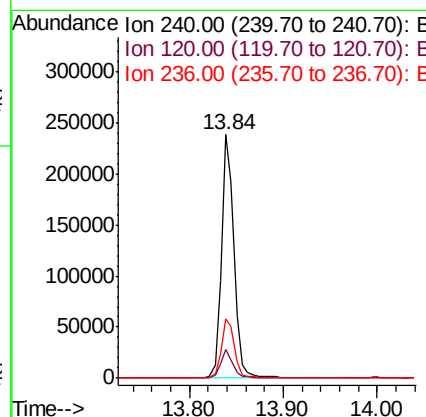
RT: 13.84 min Scan# 1998

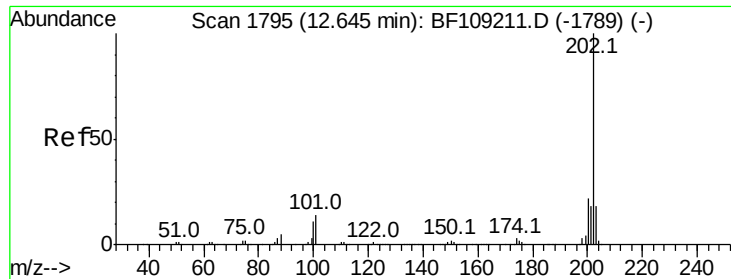
Delta R.T. -0.01 min

Lab File: BF109555.D

Acq: 3 Oct 2018 19:10

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	11.6	9.5	14.3
236	24.6	20.7	31.1





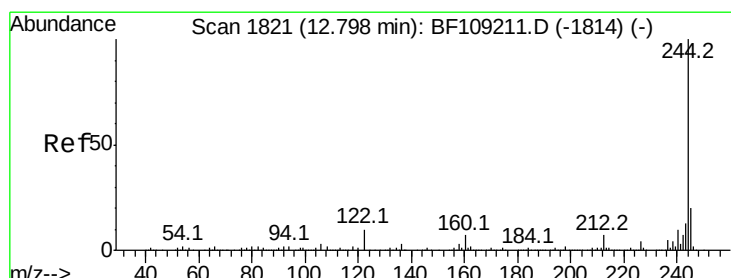
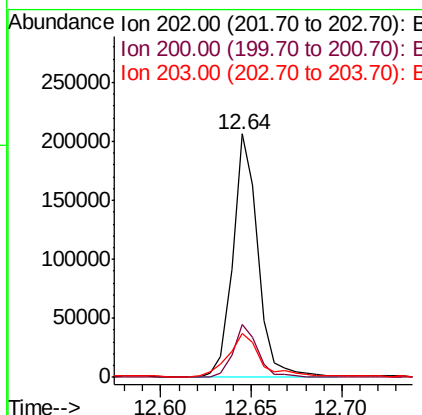
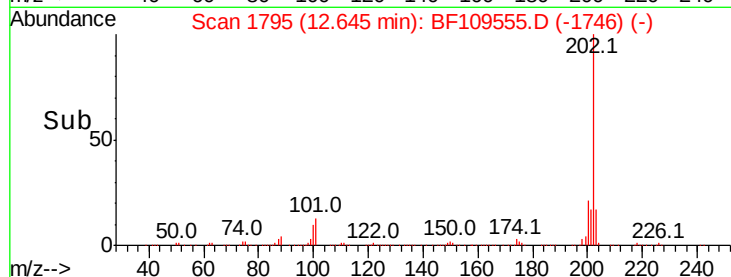
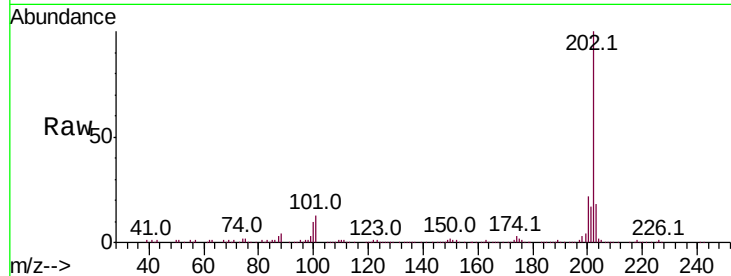
#77
Pvrene
Concen: 12.459 ng
RT: 12.64 min Scan# 1795
Delta R.T. -0.01 min
Lab File: BF109555.D
Acq: 3 Oct 2018 19:10

Instrument :
BNA_F
ClientSampleId :
CL-01-100218-E

Tot Ion	Ratio	Resp Lower	Upper
202	100		
200	21.5	17.4	26.2
203	17.9	14.3	21.5

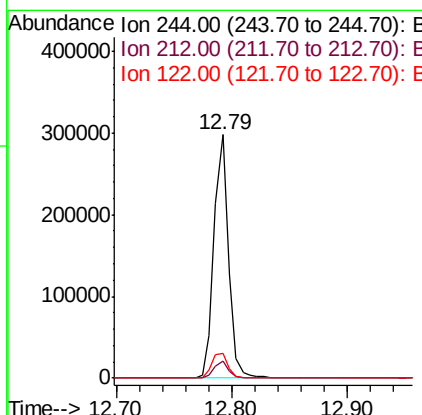
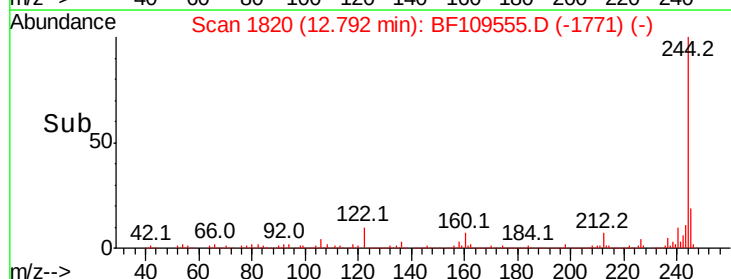
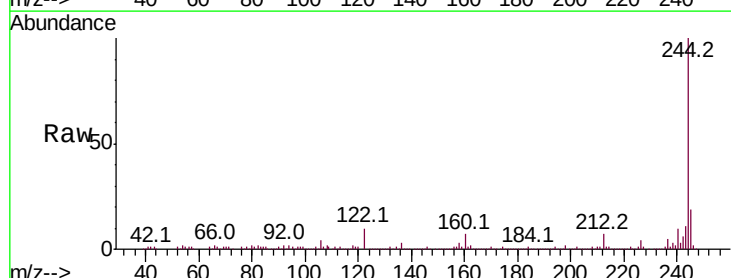
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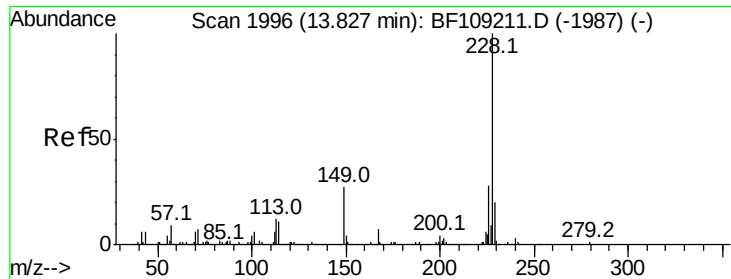
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#78
Terphenyl-d14
Concen: 29.134 ng
RT: 12.79 min Scan# 1820
Delta R.T. -0.01 min
Lab File: BF109555.D
Acq: 3 Oct 2018 19:10

Tgt Ion	Ratio	Resp Lower	Upper
244	100		
212	6.8	5.4	8.0
122	10.1	11.0	16.4#





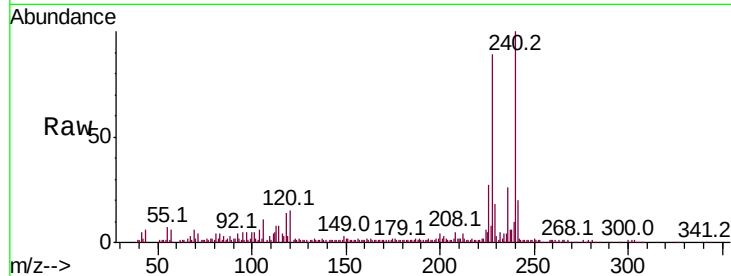
#80
Benzo(a)anthracene
Concen: 6.256 ng
RT: 13.83 min Scan# 1997
Delta R.T. -0.00 min
Lab File: BF109555.D
Acq: 3 Oct 2018 19:10

Instrument :
BNA_F
ClientSampleId :
CL-01-100218-E

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.0	22.6	33.8
229	20.5	15.8	23.6

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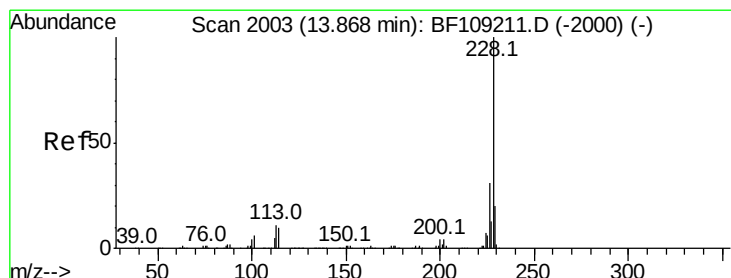
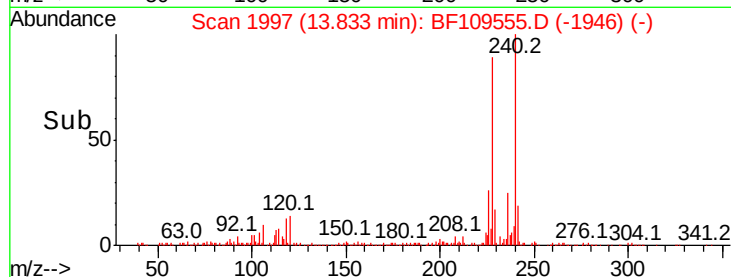
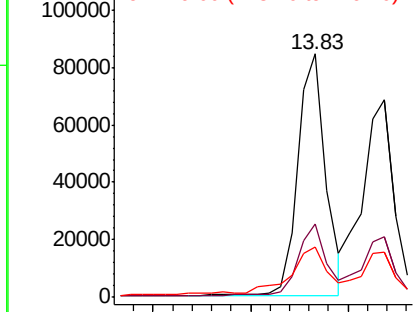


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82
Chrysene
Concen: 5.903 ng
RT: 13.87 min Scan# 2003
Delta R.T. -0.01 min
Lab File: BF109555.D
Acq: 3 Oct 2018 19:10

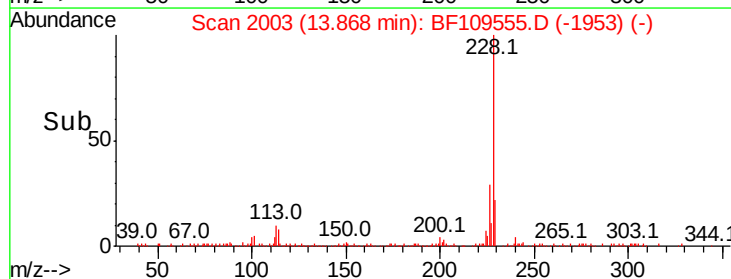
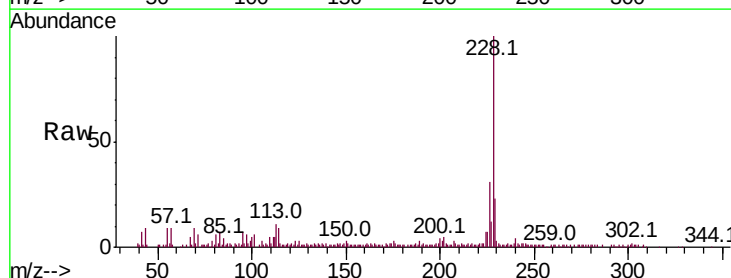
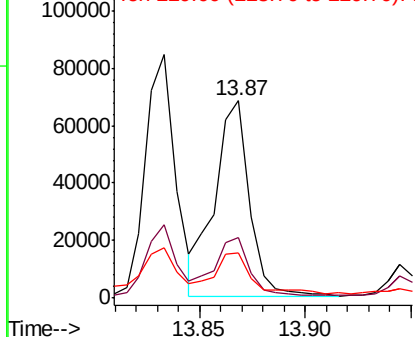
Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.7	25.0	37.6
229	23.0	16.2	24.4

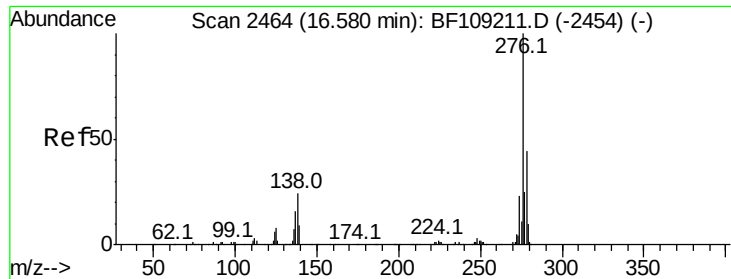
Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





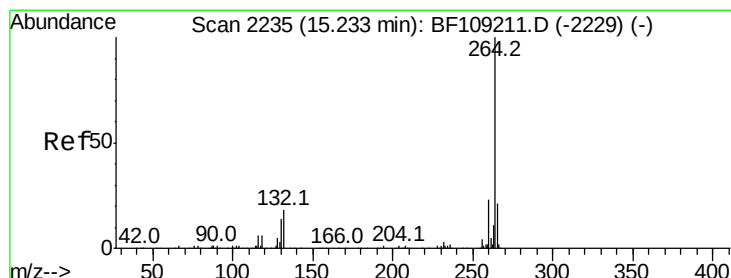
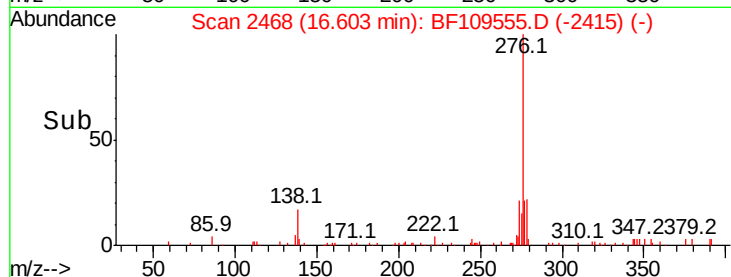
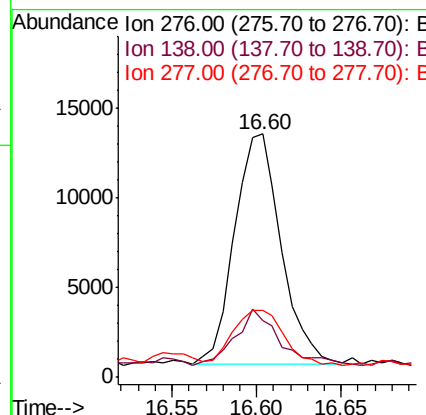
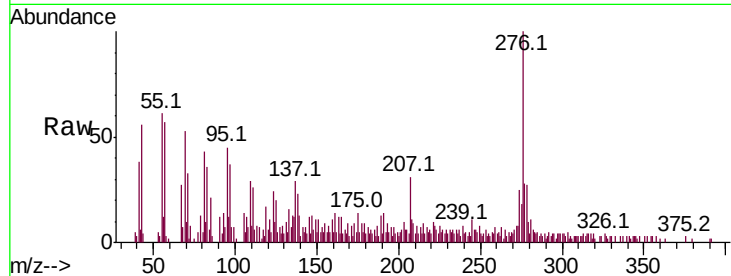
#85
Indeno(1,2,3-cd)pyrene
Concen: 2.320 ng
RT: 16.60 min Scan# 2468
Delta R.T. 0.01 min
Lab File: BF109555.D
Acq: 3 Oct 2018 19:10

Instrument :
BNA_F
ClientSampleId :
CL-01-100218-E

Tot Ion	Ratio	Lower	Upper
276	100		
138	23.5	25.0	37.6#
277	26.2	20.1	30.1

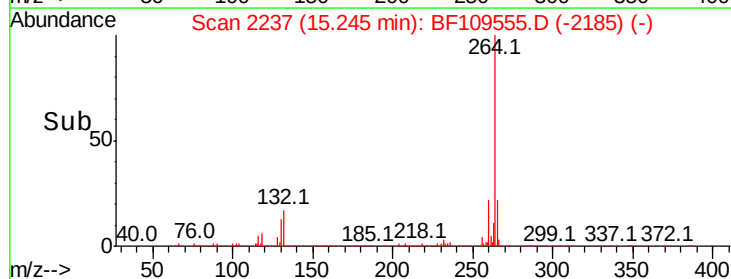
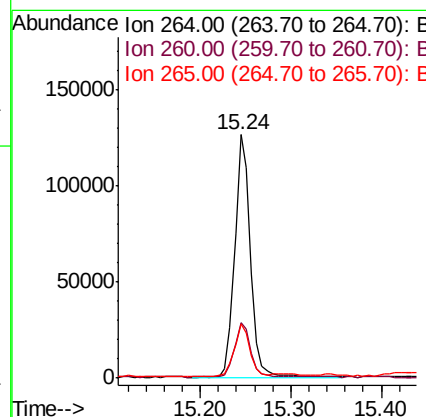
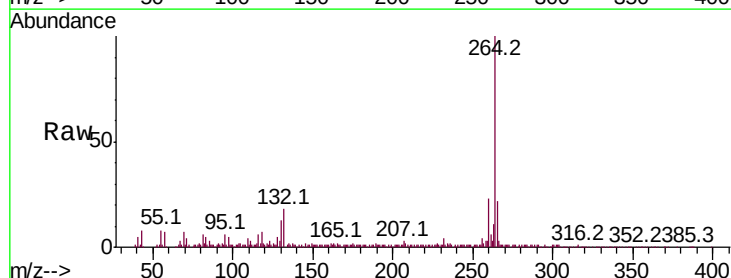
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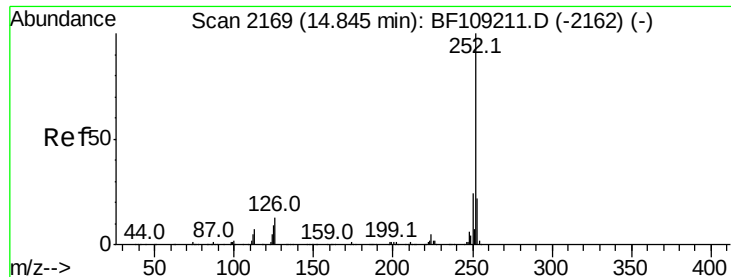
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#86
Perylene-d12
Concen: 20.000 ng
RT: 15.24 min Scan# 2237
Delta R.T. 0.01 min
Lab File: BF109555.D
Acq: 3 Oct 2018 19:10

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.6	19.2	28.8
265	22.5	17.5	26.3





#87

Benzo(b)fluoranthene

Concen: 8.650 ng m

RT: 14.85 min Scan# 2170

Delta R.T. -0.00 min

Lab File: BF109555.D

Acq: 3 Oct 2018 19:10

Instrument :

BNA_F

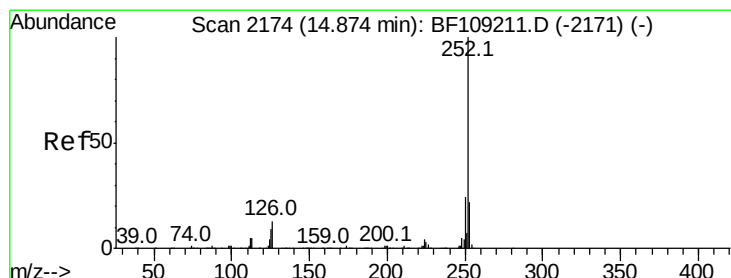
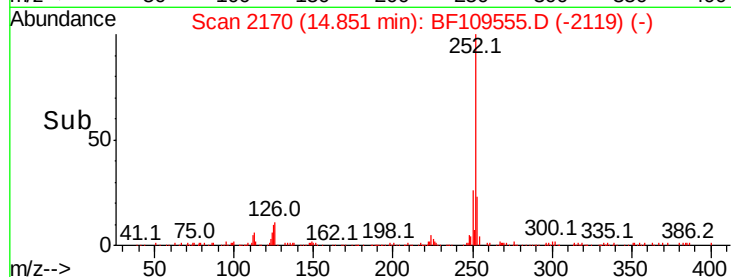
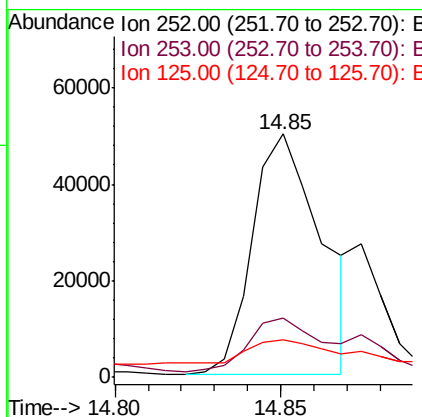
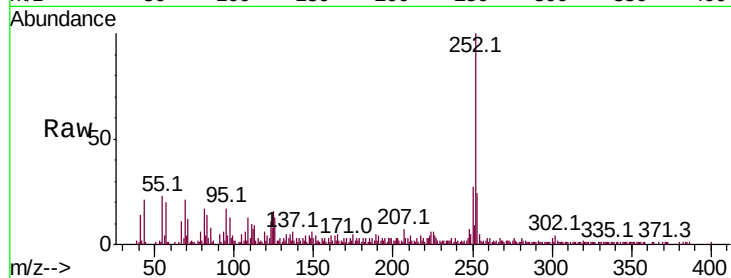
ClientSampleId :

CL-01-100218-E

Tot Ion:	252	Resp:	72202
Ion Ratio	Lower	Upper	
252	100		
253	24.5	17.0	25.6
125	15.6	9.0	13.6#

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#88

Benzo(k)fluoranthene

Concen: 2.474 ng m

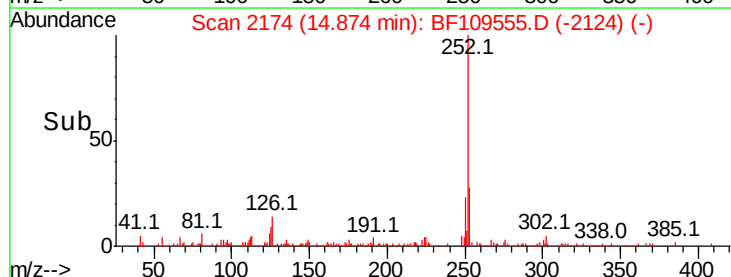
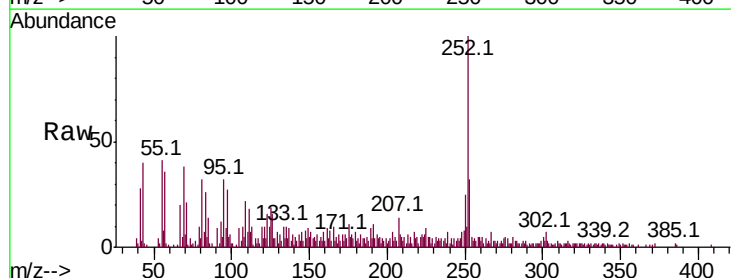
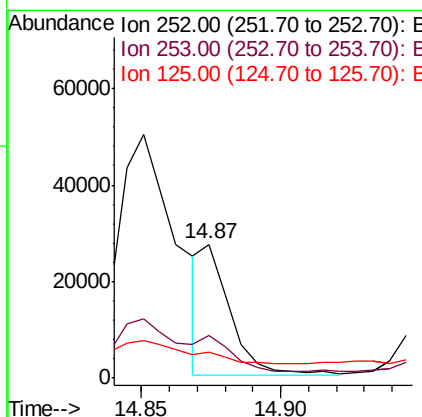
RT: 14.87 min Scan# 2174

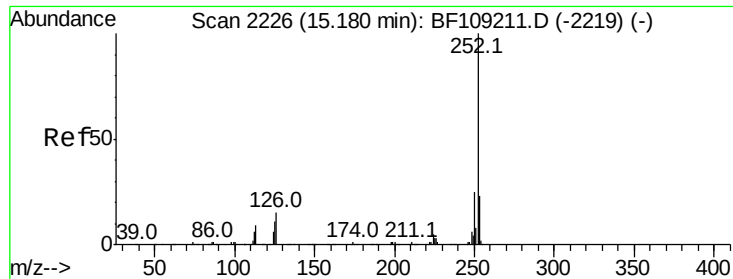
Delta R.T. -0.01 min

Lab File: BF109555.D

Acq: 3 Oct 2018 19:10

Tgt Ion:	252	Resp:	19593
Ion Ratio	Lower	Upper	
252	100		
253	32.1	17.9	26.9#
125	19.1	10.2	15.2#





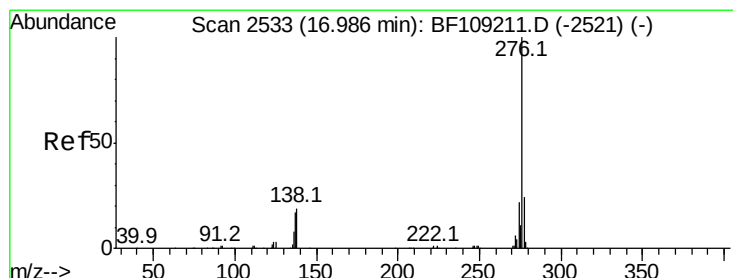
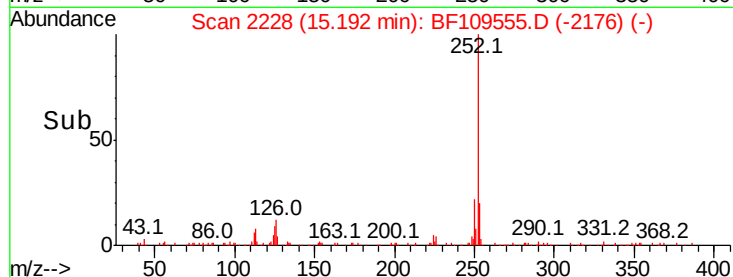
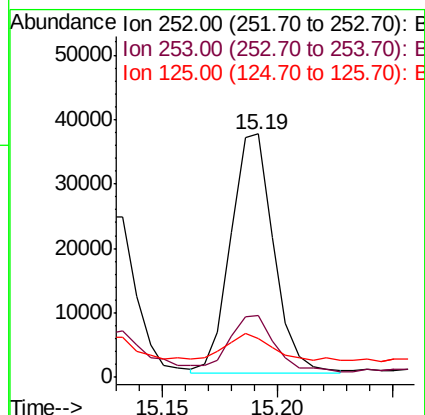
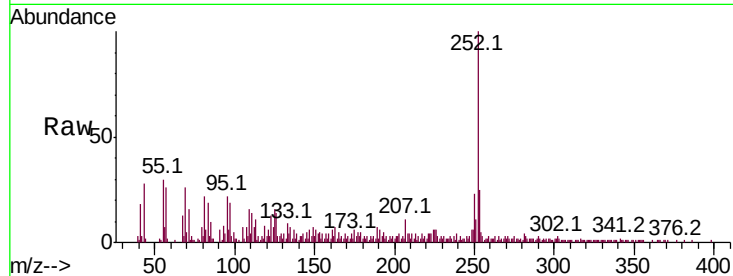
#89
Benzo(a)pyrene
Concen: 6.366 ng
RT: 15.19 min Scan# 2228
Delta R.T. 0.01 min
Lab File: BF109555.D
Acq: 3 Oct 2018 19:10

Instrument :
BNA_F
ClientSampleId :
CL-01-100218-E

Tot Ion	Ratio	Lower	Upper
252	100		
253	25.2	17.1	25.7
125	16.0	9.8	14.6

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#91
Benzo(g,h,i)perylene
Concen: 4.021 ng
RT: 17.01 min Scan# 2537
Delta R.T. 0.01 min
Lab File: BF109555.D
Acq: 3 Oct 2018 19:10

Tgt Ion	Ratio	Lower	Upper
276	100		
277	30.6	17.9	26.9
138	23.7	21.8	32.8

