

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100318\
 Data File : BF109553.D
 Acq On : 3 Oct 2018 18:17
 Operator : JU/SJ
 Sample : J5198-03 2X
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

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

Manual Integrations
 APPROVED

Sohil
 10/4/2018 11:44:20 AM

Quant Time: Oct 03 19:16:28 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	94823	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	355251	20.00	ng	0.00
38) Acenaphthene-d10	9.73	164	139080	20.00	ng	0.00
63) Phenanthrene-d10	11.21	188	248958	20.00	ng	0.00
75) Chrysene-d12	13.84	240	223831	20.00	ng	0.00
86) Perylene-d12	15.24	264	151712	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	199769	34.70	ng	0.00
7) Phenol-d6	6.35	99	269212	36.65	ng	-0.01
23) Nitrobenzene-d5	7.26	82	167199	27.78	ng	-0.02
41) 2,4,6-Tribromophenol	10.52	330	52675	38.42	ng	-0.01
44) 2-Fluorobiphenyl	9.06	172	283997	30.80	ng	-0.02
78) Terphenyl-d14	12.79	244	245228	26.89	ng	-0.01
Target Compounds						
49) Dimethylphthalate	9.45	163	93356	9.229	ng	99
57) Fluorene	10.28	166	20665	2.359	ng	98
70) Phenanthrene	11.23	178	112717	9.068	ng	98
71) Anthracene	11.29	178	40392	3.204	ng	98
74) Fluoranthene	12.42	202	162888	12.262	ng	95
77) Pyrene	12.64	202	151377	9.437	ng	99
80) Benzo(a)anthracene	13.83	228	68452	5.077	ng	97
82) Chrysene	13.86	228	63186	4.729	ng	97
87) Benzo(b)fluoranthene	14.85	252	52639m	6.314	ng	
88) Benzo(k)fluoranthene	14.87	252	21503m	2.718	ng	
89) Benzo(a)pyrene	15.19	252	37010	4.927	ng	# 91
91) Benzo(a,h,i)perylene	17.00	276	19401	3.203	ng	# 92

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

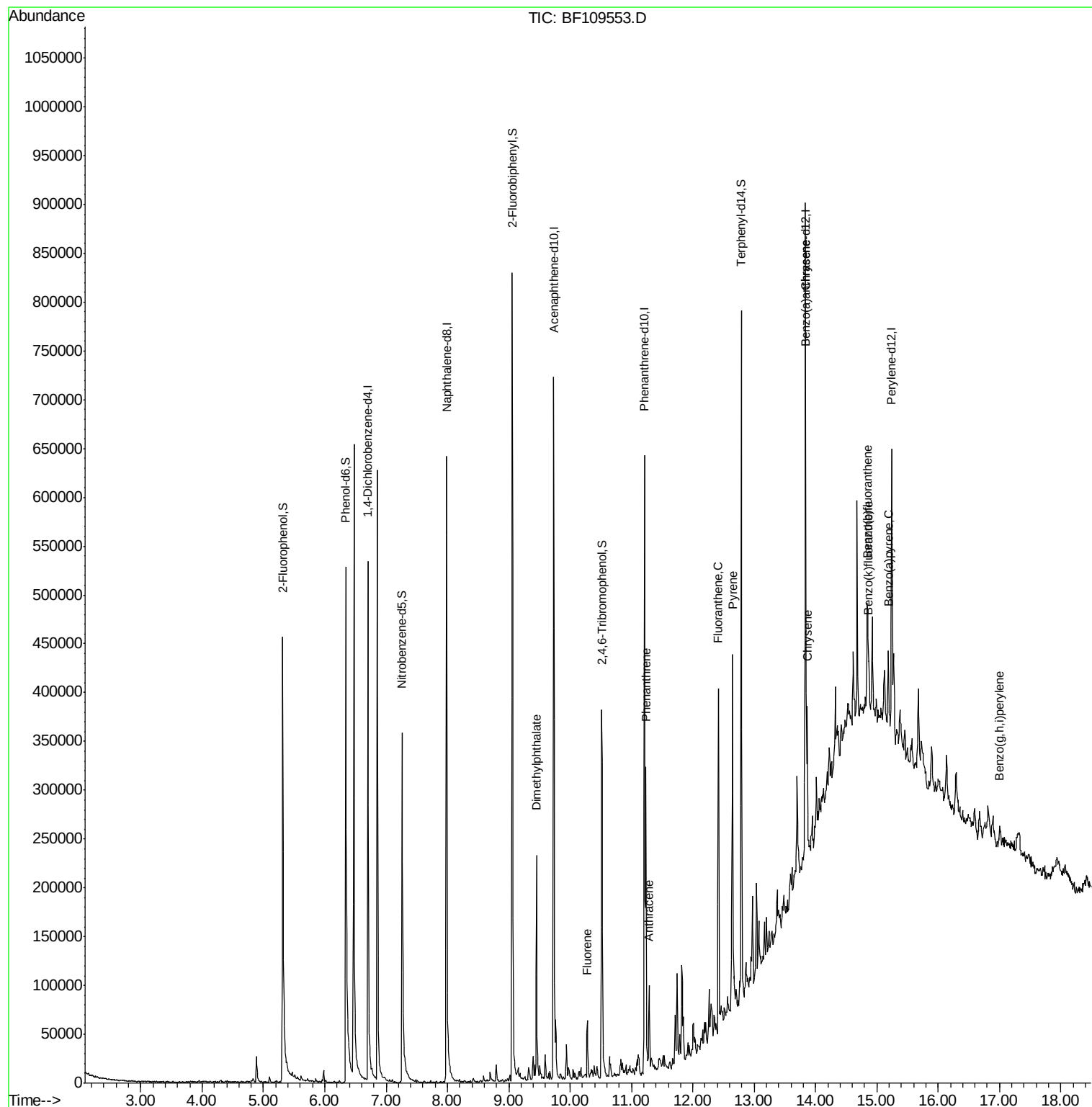
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100318\
Data File : BF109553.D
Acq On : 3 Oct 2018 18:17
Operator : JU/SJ
Sample : J5198-03 2X
Misc :
ALS Vial : 15 Sample Multiplier: 1

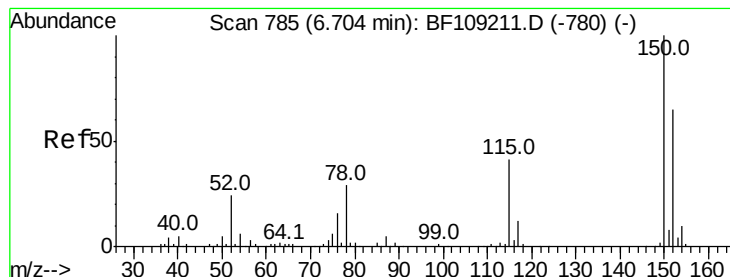
Instrument :
BNA_F
ClientSampleID :
CL-01-100218-B

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Quant Time: Oct 03 19:16:28 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF092218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

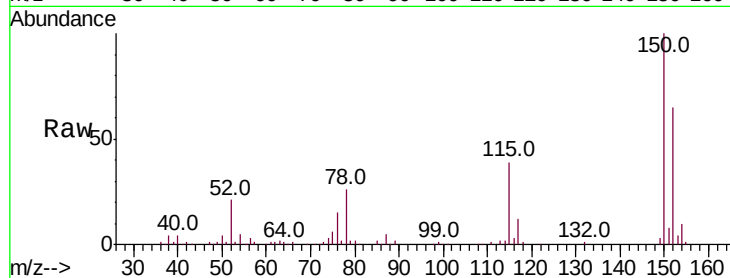
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.70 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF109553.D
Acq: 3 Oct 2018 18:17

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

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.3	124.6	186.8
115	59.9	50.1	75.1

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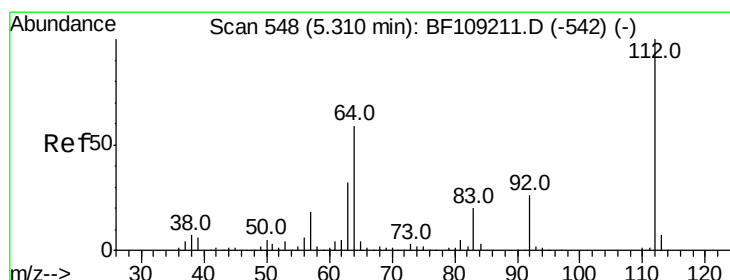
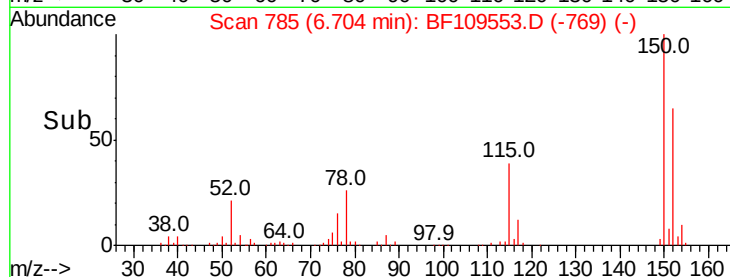
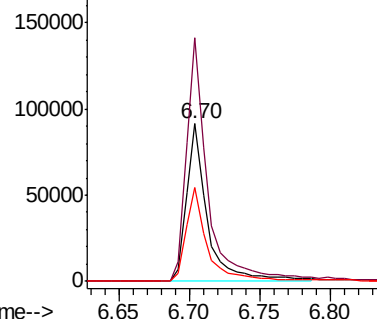


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

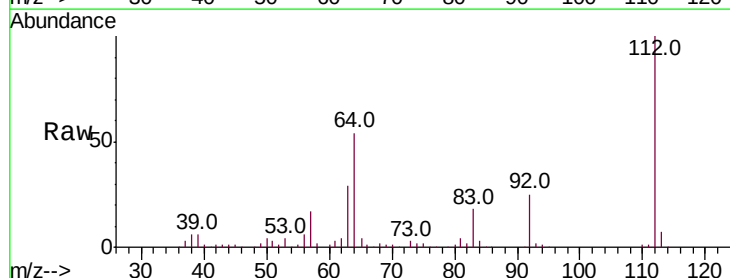
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 34.700 ng
RT: 5.32 min Scan# 549
Delta R.T. -0.00 min
Lab File: BF109553.D
Acq: 3 Oct 2018 18:17

Tgt Ion	Ratio	Lower	Upper
112	100		
64	54.3	47.9	71.9
63	28.8	23.7	35.5

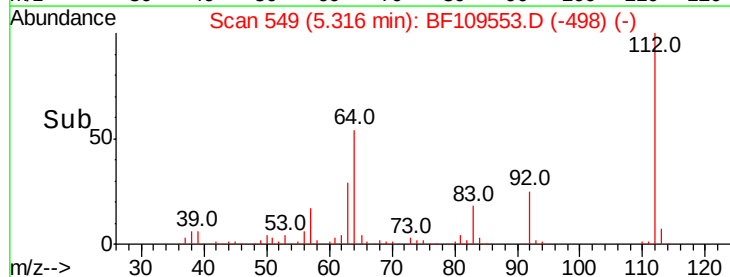
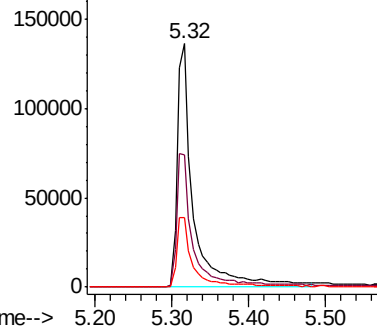


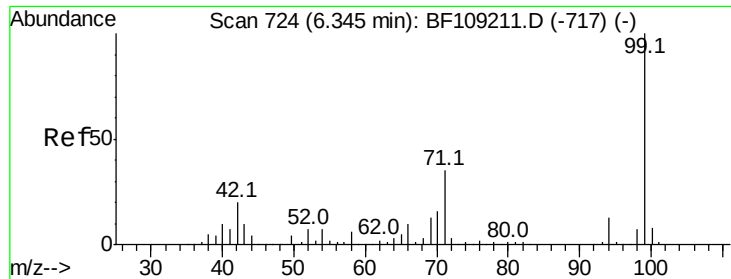
Abundance

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: 36.646 ng

RT: 6.35 min Scan# 724

Delta R.T. -0.01 min

Lab File: BF109553.D

Acq: 3 Oct 2018 18:17

Instrument :

BNA_F

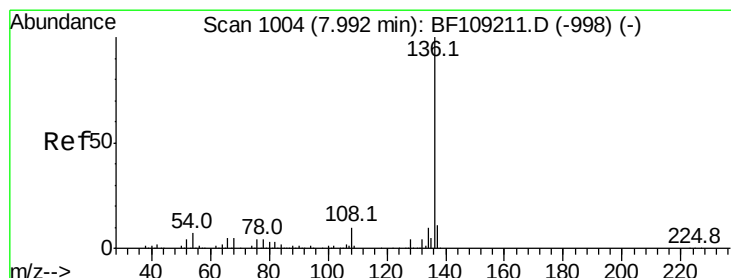
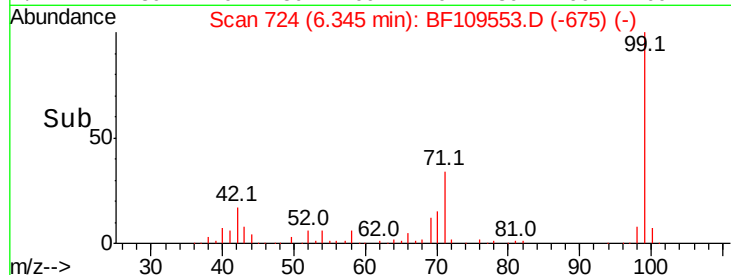
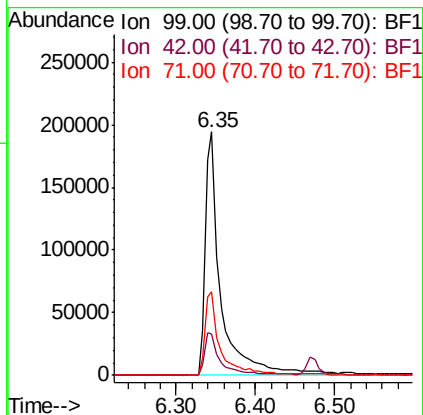
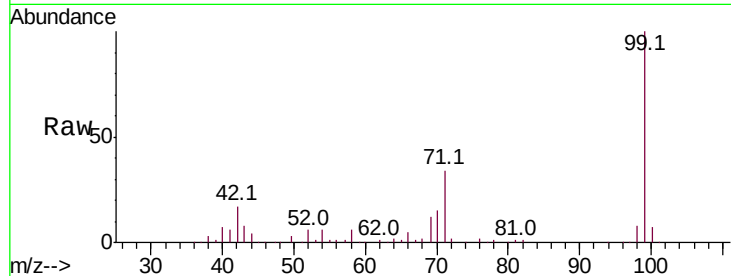
ClientSampled :

CL-01-100218-B

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		269212		
42	16.9	14.5	21.7		
71	34.4	25.4	38.0		

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#21

Naphthalene-d8

Concen: 20.000 ng

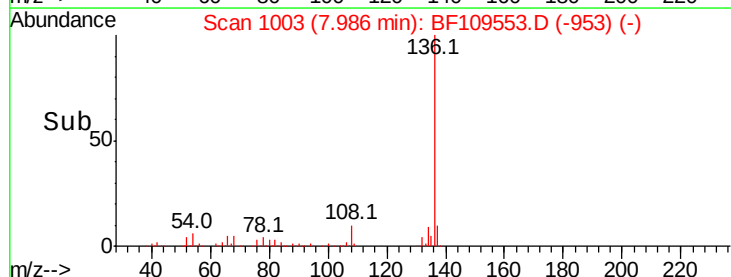
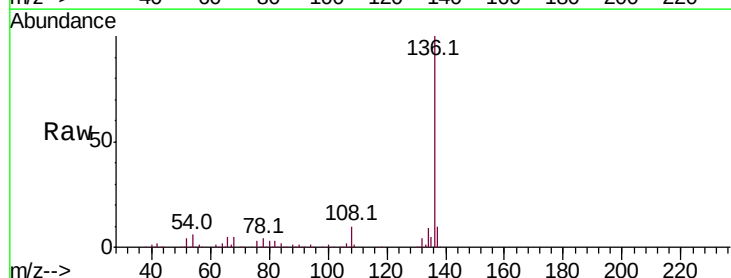
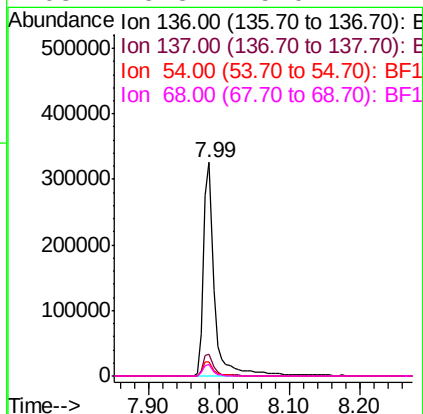
RT: 7.99 min Scan# 1003

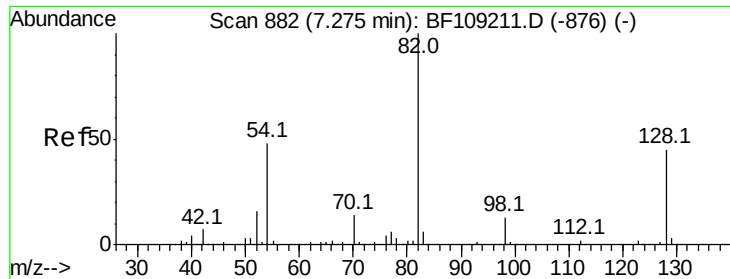
Delta R.T. -0.01 min

Lab File: BF109553.D

Acq: 3 Oct 2018 18:17

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
136	100		355251		
137	10.4	8.9	13.3		
54	6.4	6.6	9.8		
68	5.3	5.0	7.4		





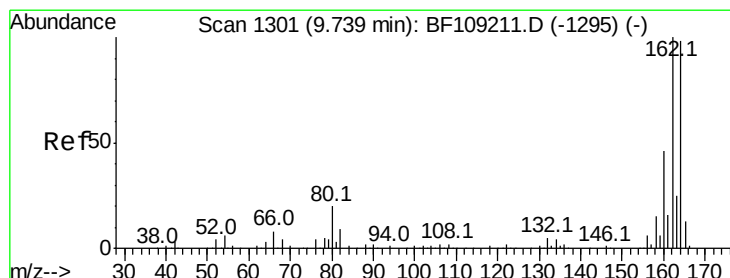
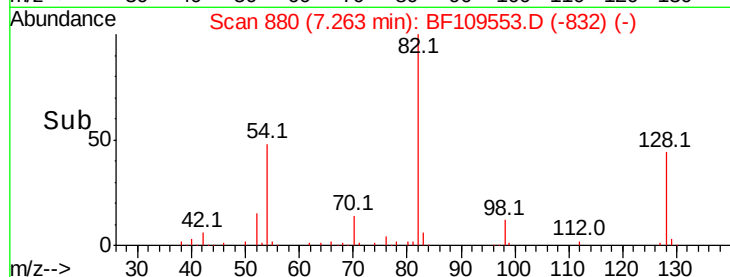
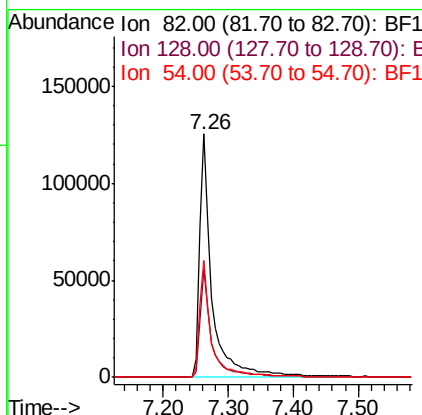
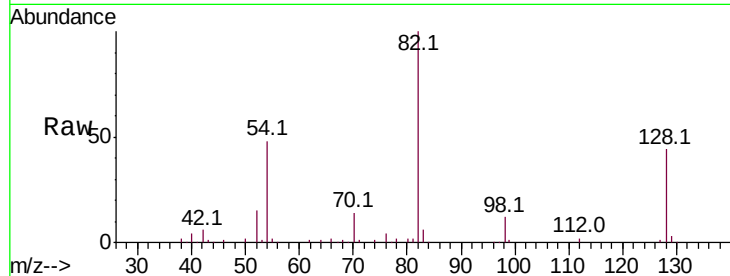
#23
 Nitrobenzene-d5
 Concen: 27.783 ng
 RT: 7.26 min Scan# 880
 Delta R.T. -0.02 min
 Lab File: BF109553.D
 Acq: 3 Oct 2018 18:17

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

Tot Ion	Ratio	Lower	Upper
82	100		
128	44.2	36.1	54.1
54	48.2	41.4	62.2

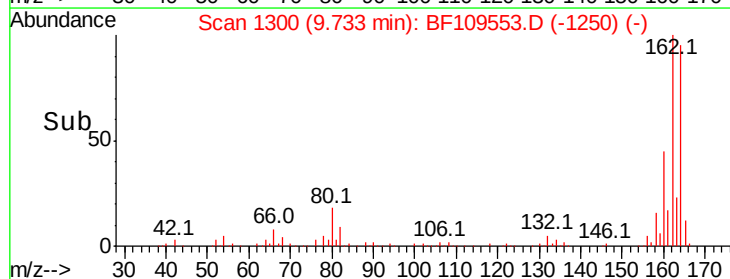
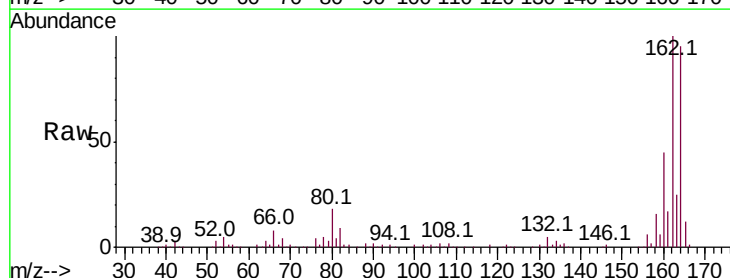
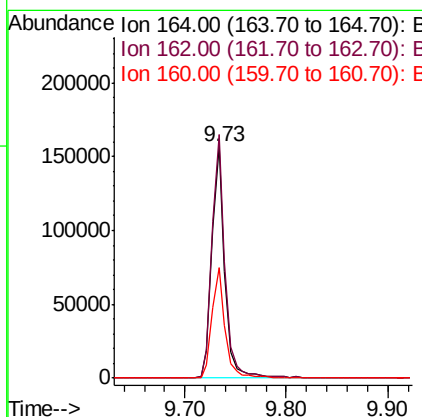
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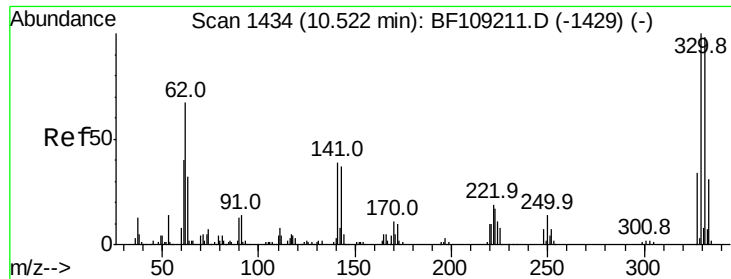
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#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.73 min Scan# 1300
 Delta R.T. -0.01 min
 Lab File: BF109553.D
 Acq: 3 Oct 2018 18:17

Tgt Ion	Ratio	Lower	Upper
164	100		
162	105.2	86.1	129.1
160	47.6	38.3	57.5





#41

2,4,6-Tribromophenol

Concen: 38.420 ng

RT: 10.52 min Scan# 1434

Delta R.T. -0.01 min

Lab File: BF109553.D

Acq: 3 Oct 2018 18:17

Instrument :

BNA_F

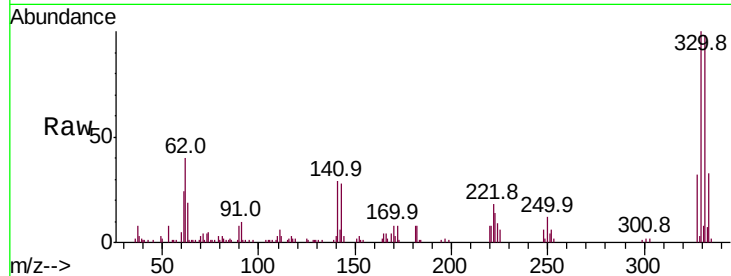
ClientSampleId :

CL-01-100218-B

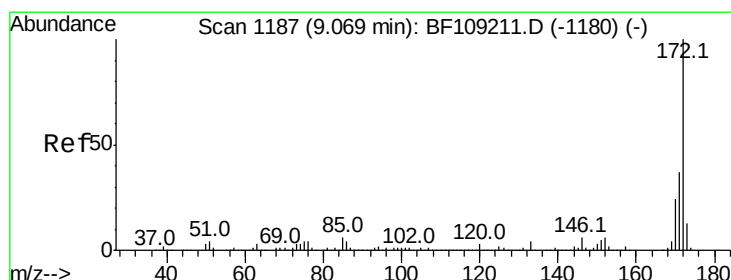
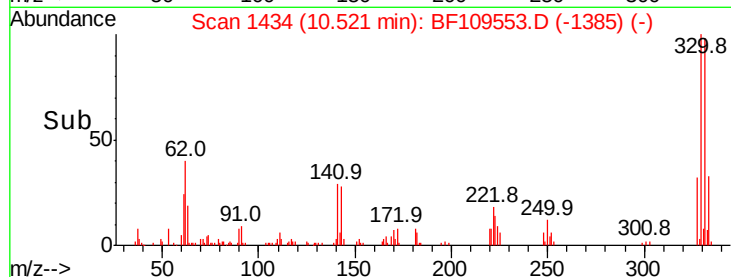
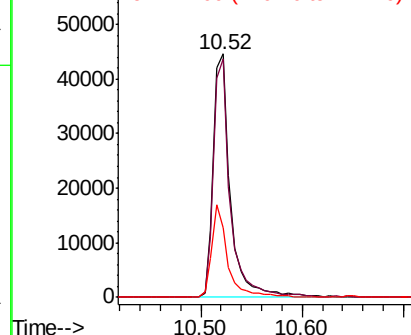
Tot Ion:	330	Resp:	52675
Ion Ratio	Lower	Upper	
330	100		
332	95.9	77.0	115.6
141	35.0	29.9	44.9

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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: 30.797 ng

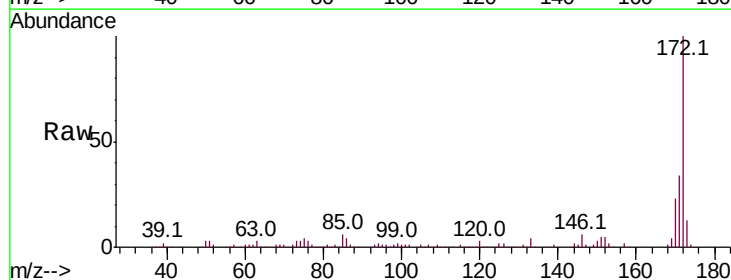
RT: 9.06 min Scan# 1185

Delta R.T. -0.02 min

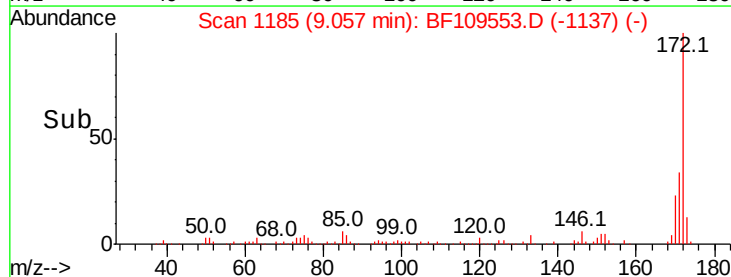
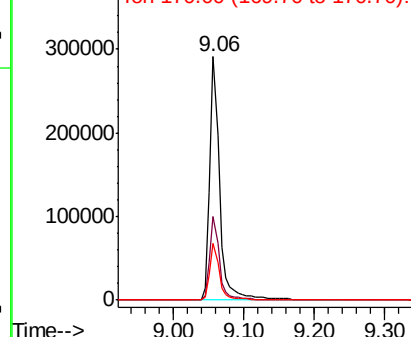
Lab File: BF109553.D

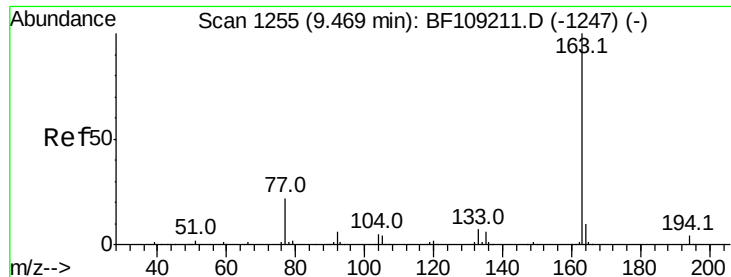
Acq: 3 Oct 2018 18:17

Tgt Ion:	172	Resp:	283997
Ion Ratio	Lower	Upper	
172	100		
171	34.5	29.7	44.5
170	23.4	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





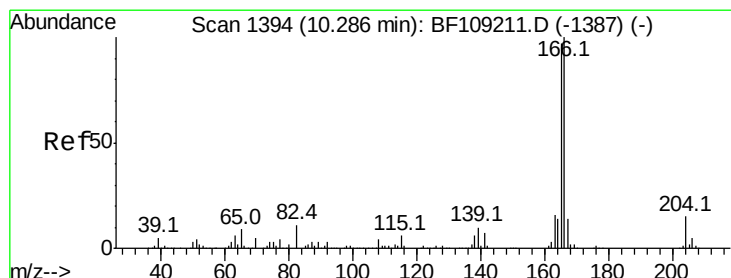
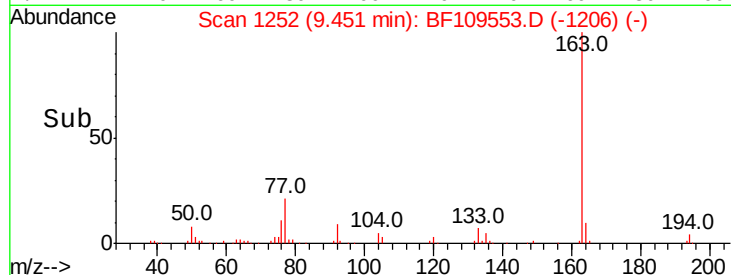
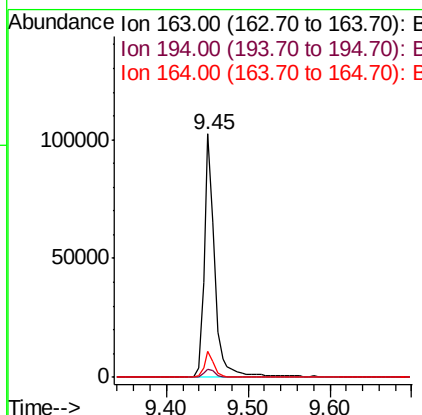
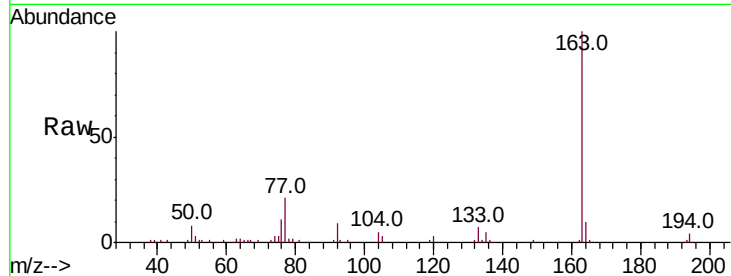
#49
Dimethylphthalate
Concen: 9.229 ng
RT: 9.45 min Scan# 1252
Delta R.T. -0.03 min
Lab File: BF109553.D
Acq: 3 Oct 2018 18:17

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

Tot Ion	Ratio	Resp	Lower	Upper
163	100	93356		
194	3.5		2.7	4.1
164	10.5		8.2	12.2

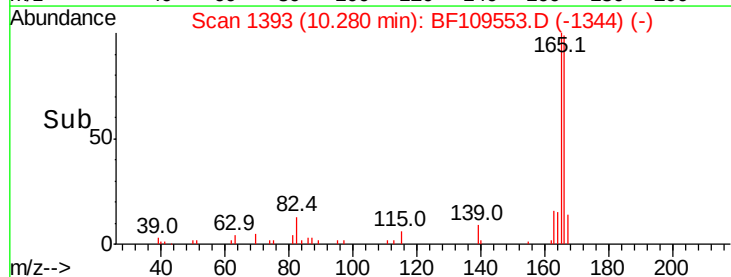
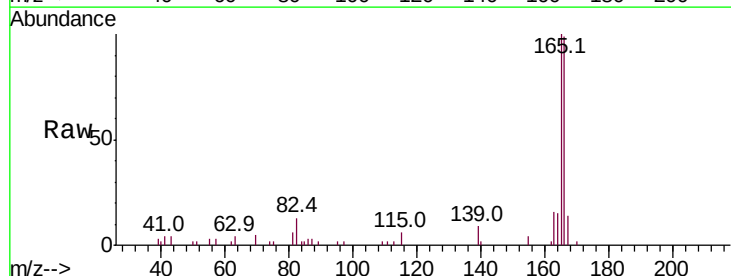
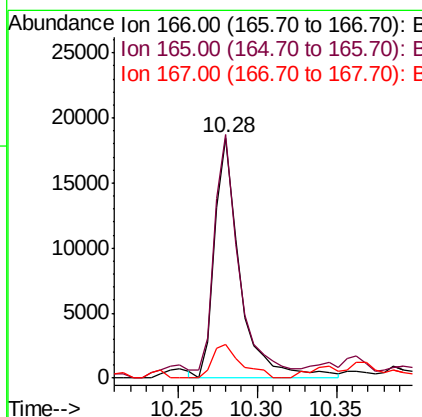
Manual Integrations
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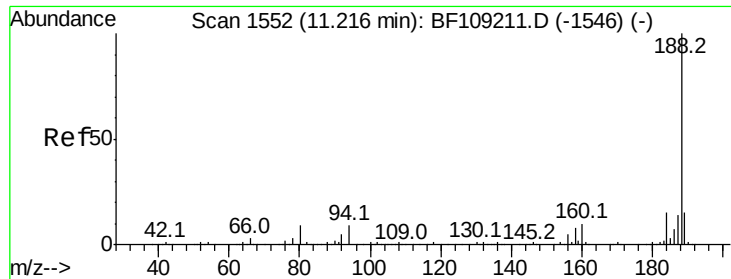
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#57
Fluorene
Concen: 2.359 ng
RT: 10.28 min Scan# 1393
Delta R.T. -0.01 min
Lab File: BF109553.D
Acq: 3 Oct 2018 18:17

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	20665		
165	101.5		79.8	119.8
167	14.1		10.6	16.0





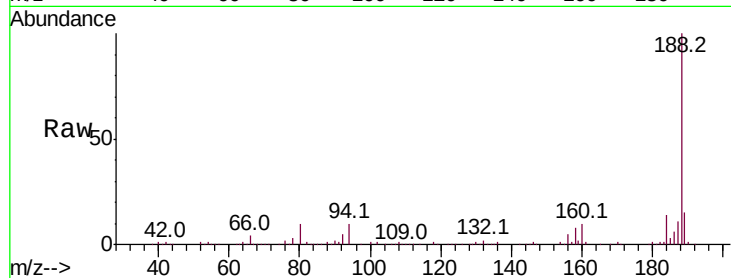
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.21 min Scan# 1551
Delta R.T. -0.01 min
Lab File: BF109553.D
Acq: 3 Oct 2018 18:17

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

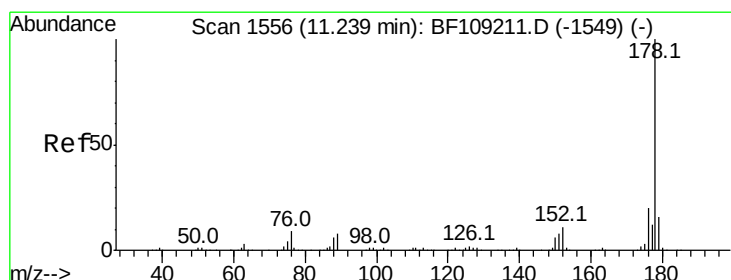
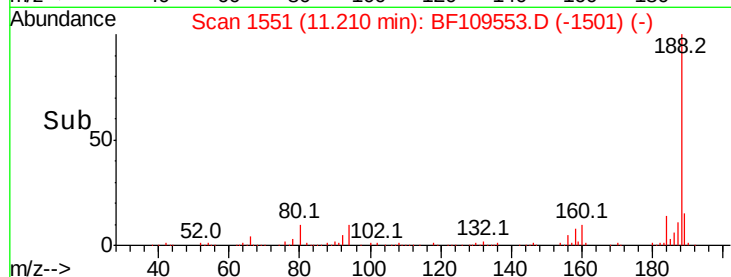
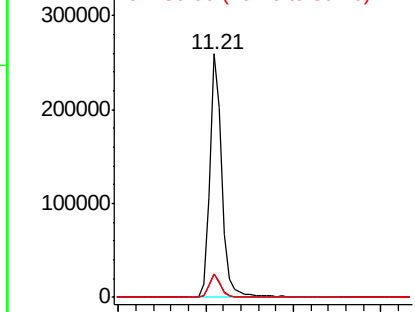
Tot Ion	Ratio	Resp	Lower	Upper
188	100	248958		
94	9.7		8.5	12.7
80	9.9		9.2	13.8

Manual Integrations
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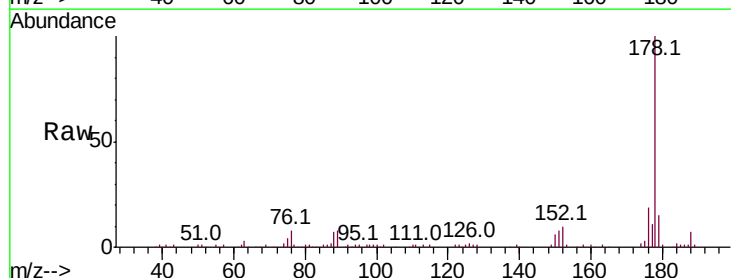


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

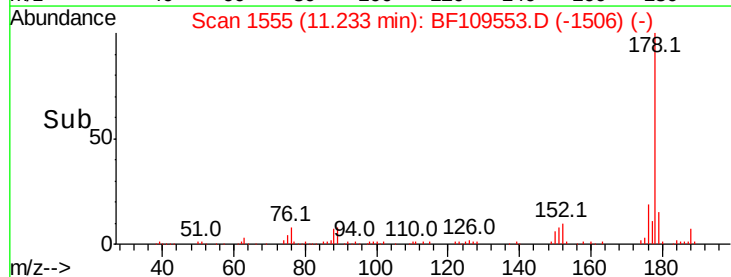
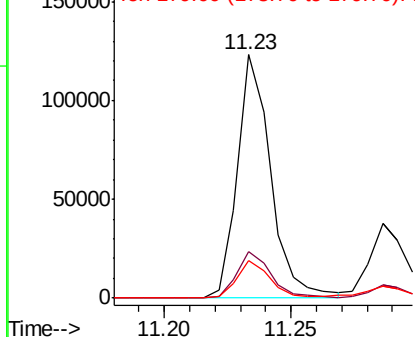


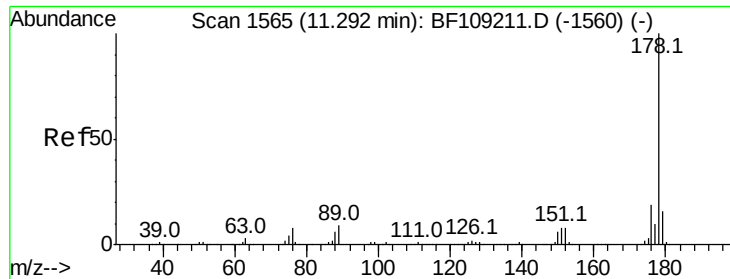
#70
Phenanthrene
Concen: 9.068 ng
RT: 11.23 min Scan# 1555
Delta R.T. -0.01 min
Lab File: BF109553.D
Acq: 3 Oct 2018 18:17

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	112717		
176	19.1		15.8	23.8
179	15.4		13.0	19.6



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





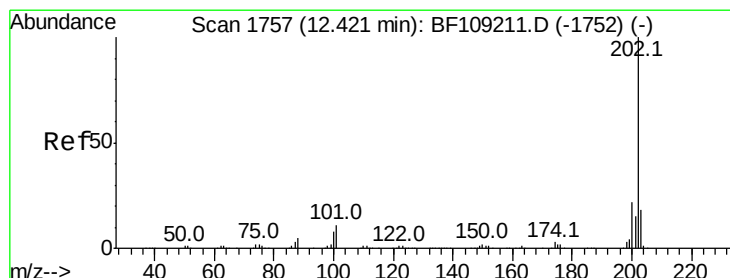
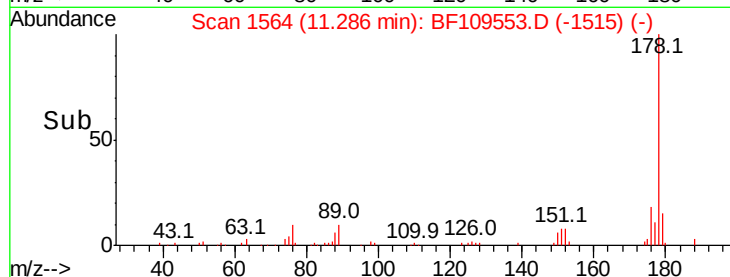
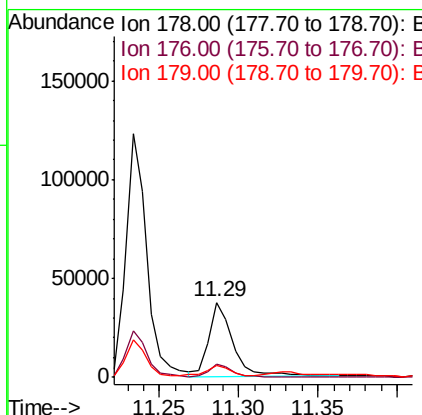
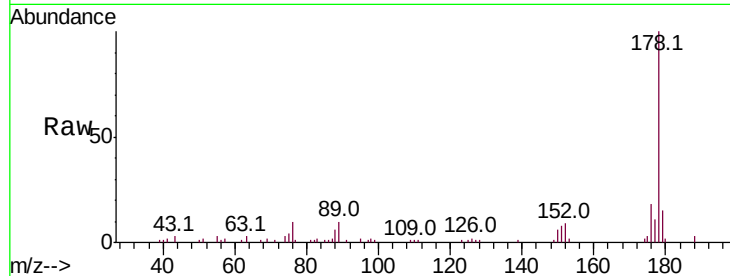
#71
 Anthracene
 Concen: 3.204 ng
 RT: 11.29 min Scan# 1564
 Delta R.T. -0.01 min
 Lab File: BF109553.D
 Acq: 3 Oct 2018 18:17

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

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.4	15.4	23.2
179	15.4	12.6	19.0

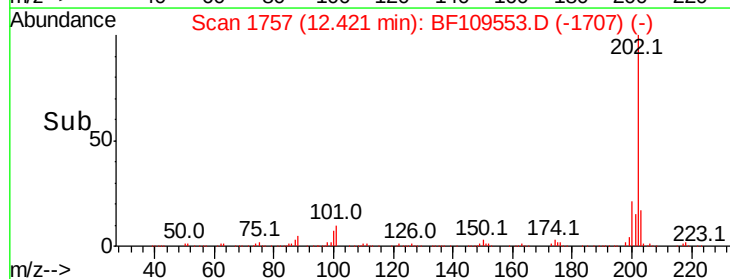
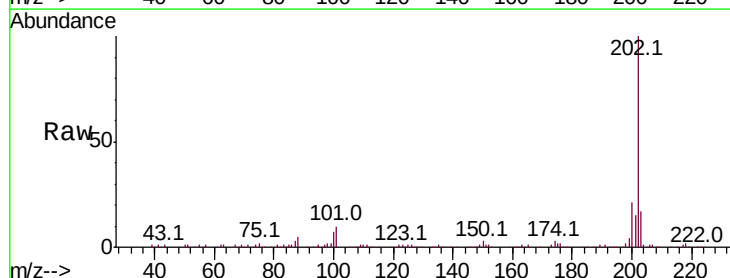
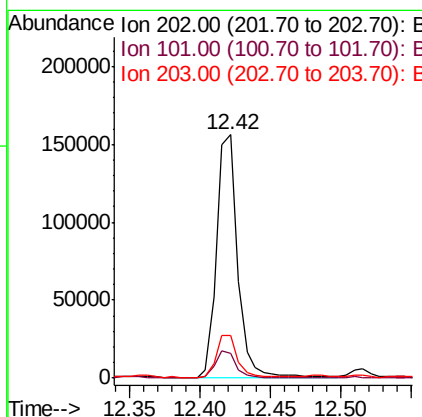
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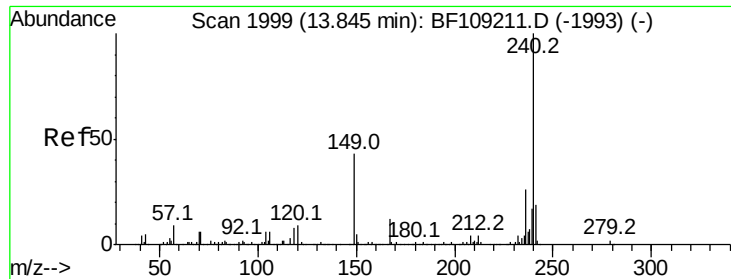
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#74
 Fluoranthene
 Concen: 12.262 ng
 RT: 12.42 min Scan# 1757
 Delta R.T. -0.01 min
 Lab File: BF109553.D
 Acq: 3 Oct 2018 18:17

Tgt Ion	Ratio	Lower	Upper
202	100		
101	10.1	0.0	34.1
203	17.5	0.0	38.1





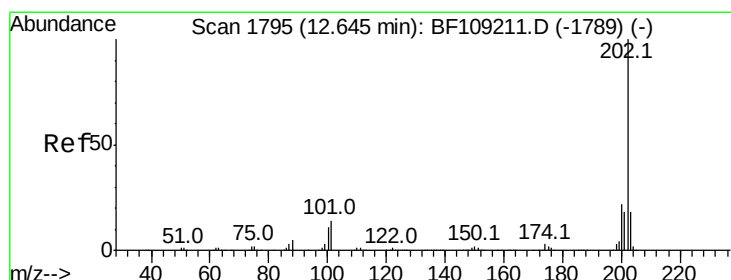
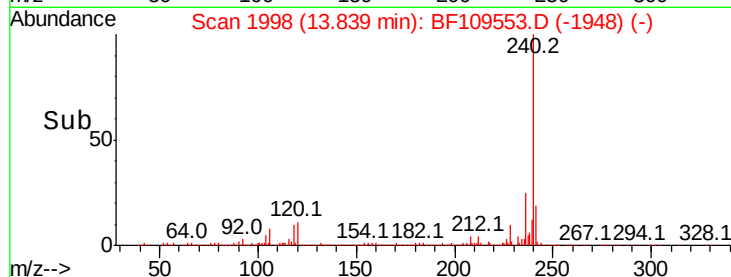
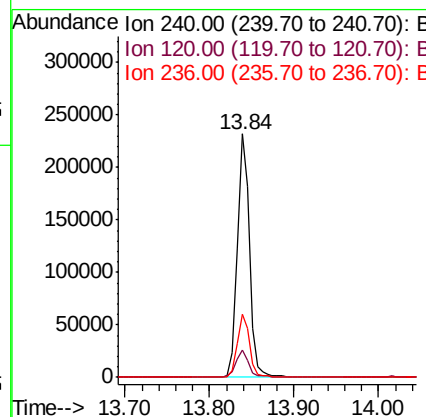
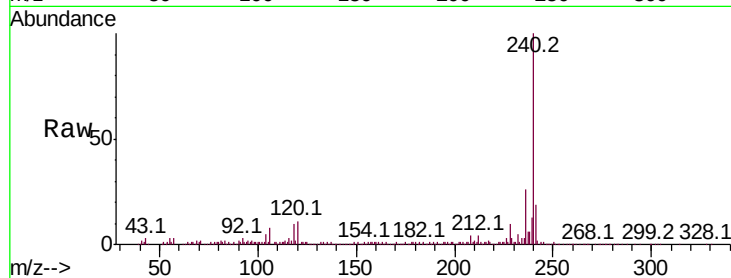
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.84 min Scan# 1998
Delta R.T. -0.01 min
Lab File: BF109553.D
Acq: 3 Oct 2018 18:17

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

Tot Ion	Ratio	Lower	Upper
240	100		
120	11.0	9.5	14.3
236	25.7	20.7	31.1

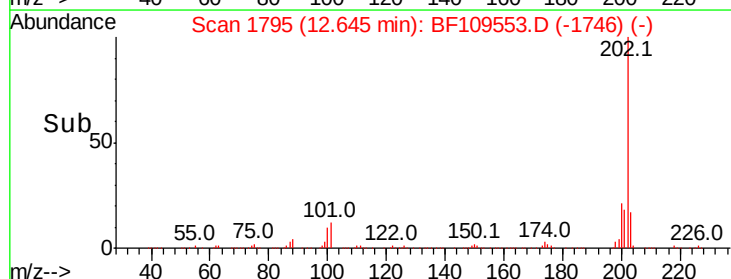
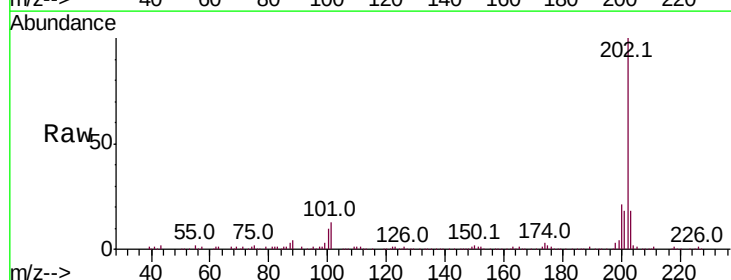
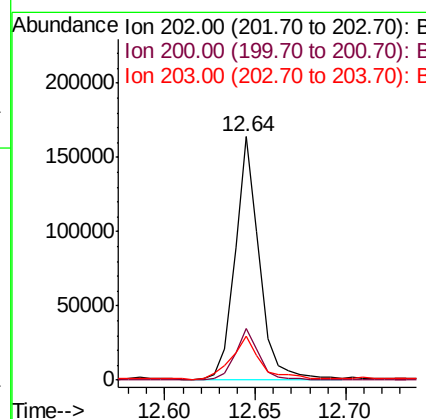
Manual Integrations
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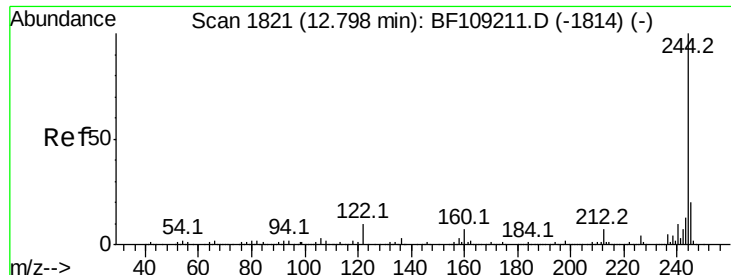
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#77
Pyrene
Concen: 9.437 ng
RT: 12.64 min Scan# 1795
Delta R.T. -0.01 min
Lab File: BF109553.D
Acq: 3 Oct 2018 18:17

Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.3	17.4	26.2
203	18.0	14.3	21.5





#78

Terphenyl-d14

Concen: 26.888 ng

RT: 12.79 min Scan# 1820

Delta R.T. -0.01 min

Lab File: BF109553.D

Acq: 3 Oct 2018 18:17

Instrument :

BNA_F

ClientSampleId :

CL-01-100218-B

Tot Ion:244 Resp: 245228

Ion Ratio Lower Upper

244 100

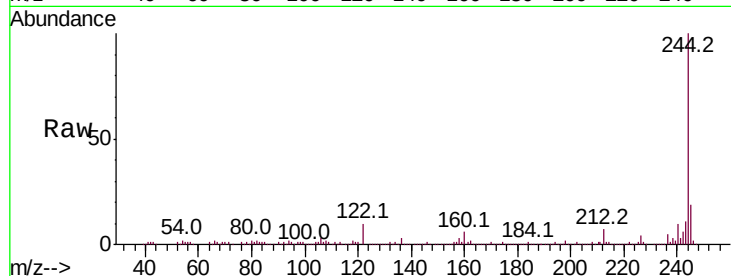
212 6.7 5.4 8.0

122 9.8 11.0 16.4#

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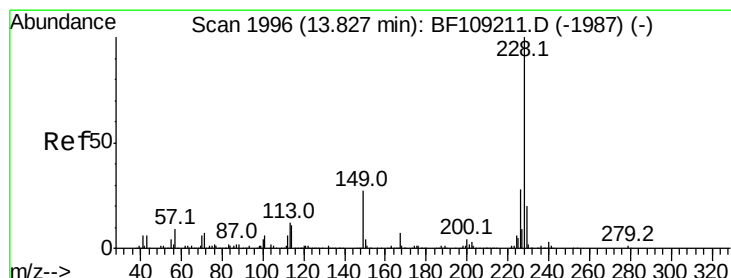
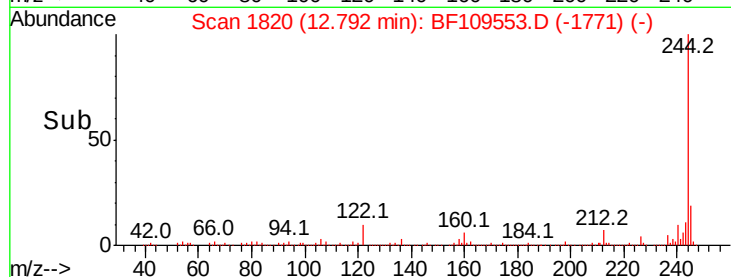
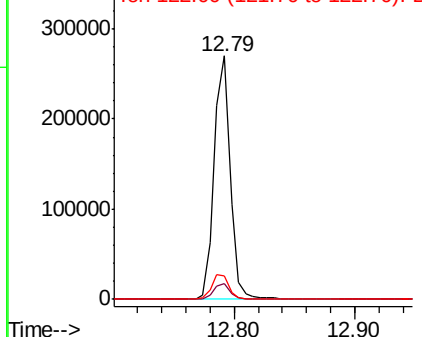
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Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Benzo(a)anthracene

Concen: 5.077 ng

RT: 13.83 min Scan# 1996

Delta R.T. -0.01 min

Lab File: BF109553.D

Acq: 3 Oct 2018 18:17

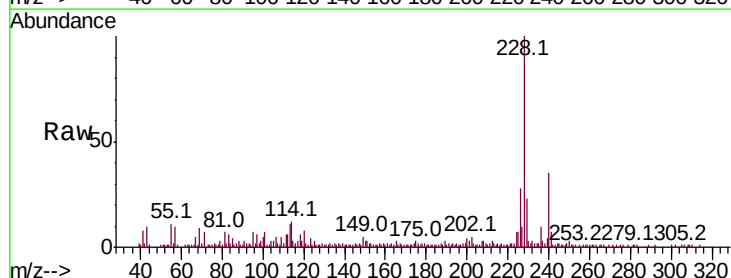
Tgt Ion:228 Resp: 68452

Ion Ratio Lower Upper

228 100

226 28.1 22.6 33.8

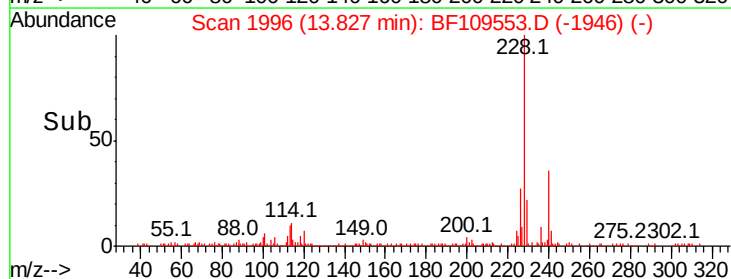
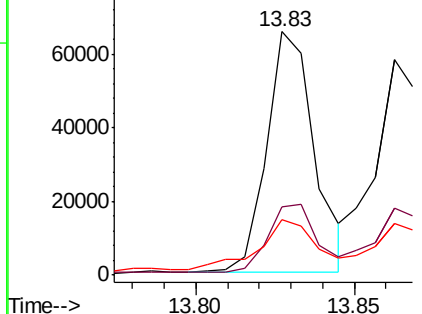
229 22.6 15.8 23.6

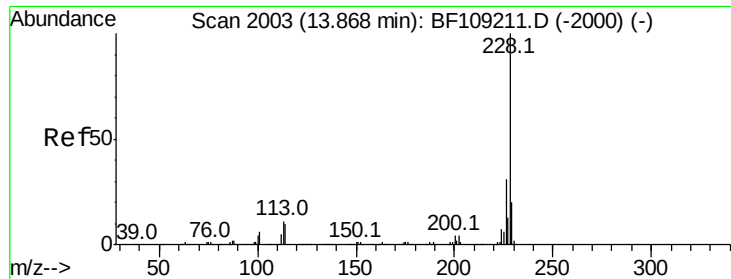


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





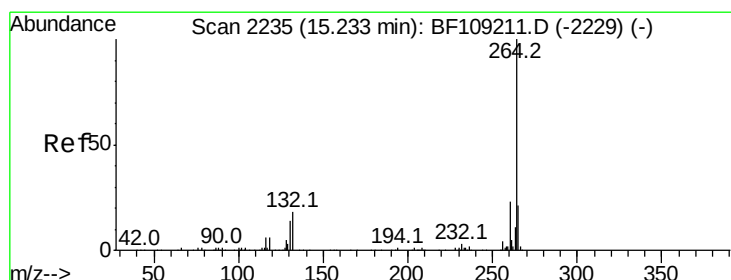
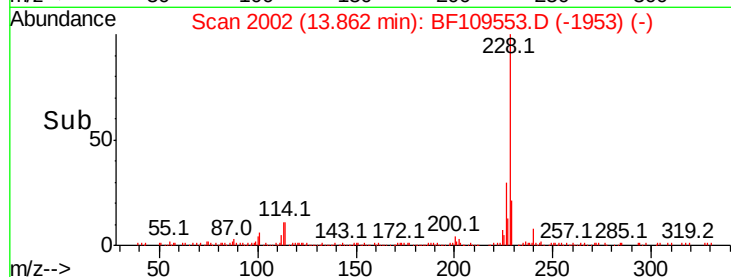
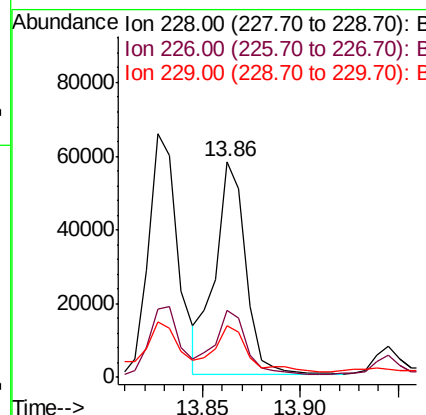
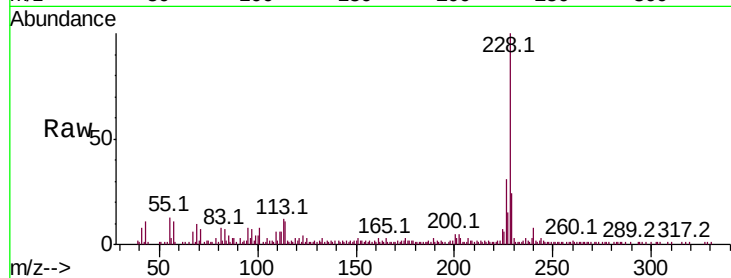
#82
 Chrysene
 Concen: 4.729 ng
 RT: 13.86 min Scan# 2002
 Delta R.T. -0.01 min
 Lab File: BF109553.D
 Acq: 3 Oct 2018 18:17

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

Tot Ion	Ratio	Lower	Upper
228	100		
226	31.2	25.0	37.6
229	23.7	16.2	24.4

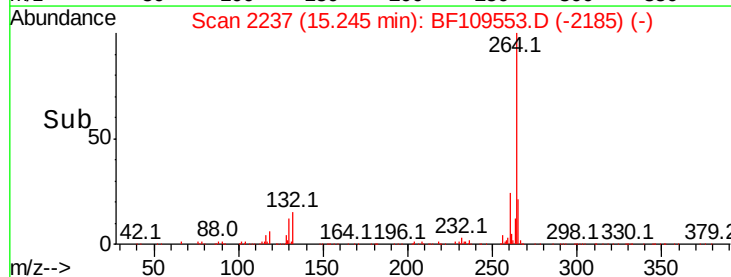
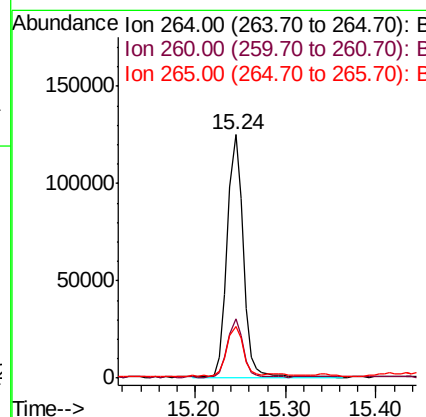
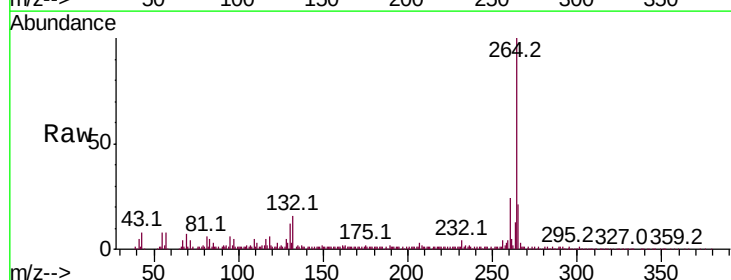
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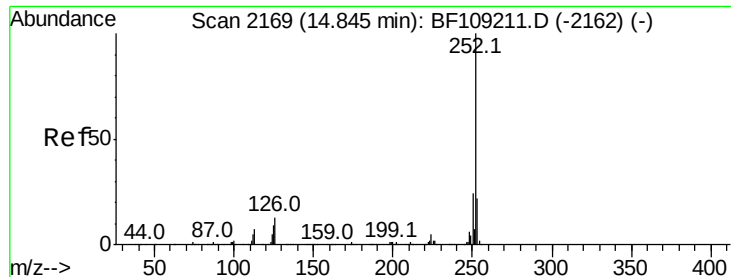
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#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.24 min Scan# 2237
 Delta R.T. 0.01 min
 Lab File: BF109553.D
 Acq: 3 Oct 2018 18:17

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.2	28.8
265	21.5	17.5	26.3





#87

Benzo(b)fluoranthene

Concen: 6.314 ng m

RT: 14.85 min Scan# 2170

Delta R.T. -0.00 min

Lab File: BF109553.D

Acq: 3 Oct 2018 18:17

Instrument :

BNA_F

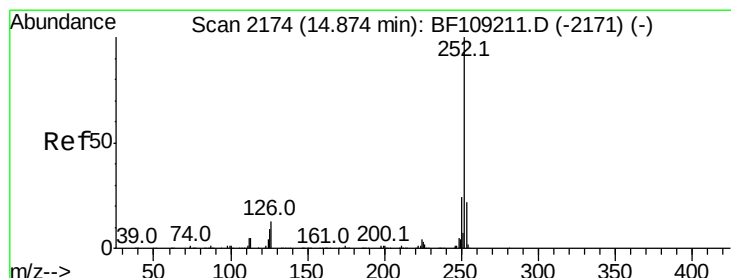
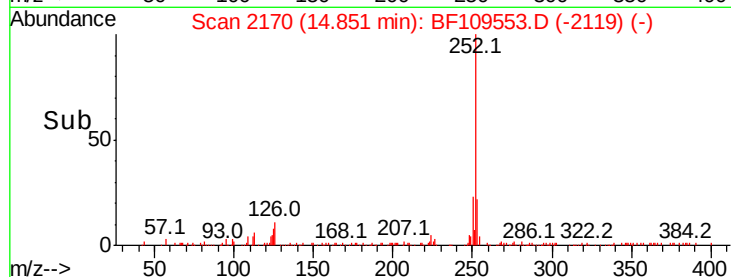
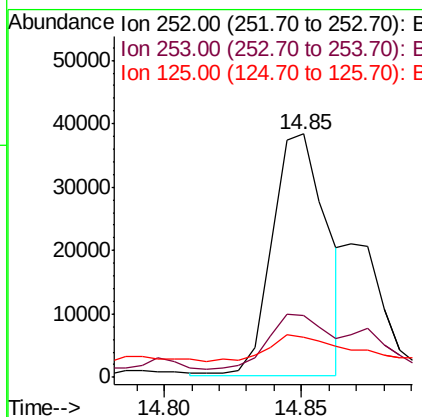
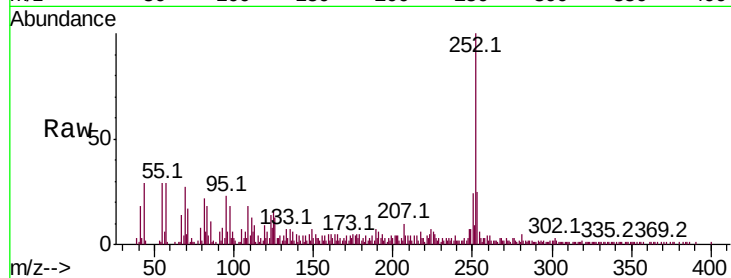
ClientSampleId :

CL-01-100218-B

Tot Ion:	252	Resp:	52639
Ion Ratio	Lower	Upper	
252	100		
253	25.2	17.0	25.6
125	16.3	9.0	13.6#

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#88

Benzo(k)fluoranthene

Concen: 2.718 ng m

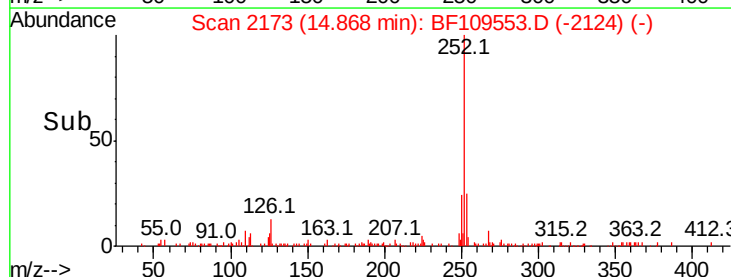
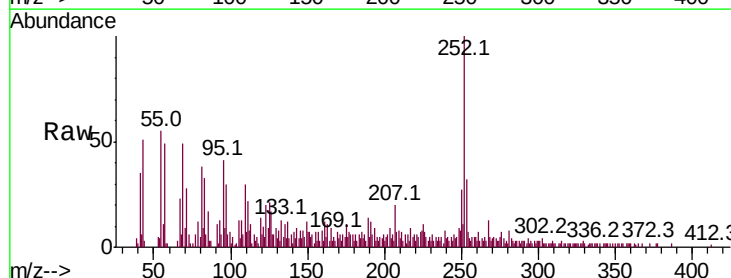
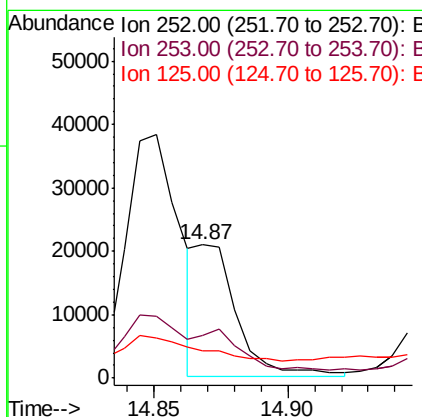
RT: 14.87 min Scan# 2173

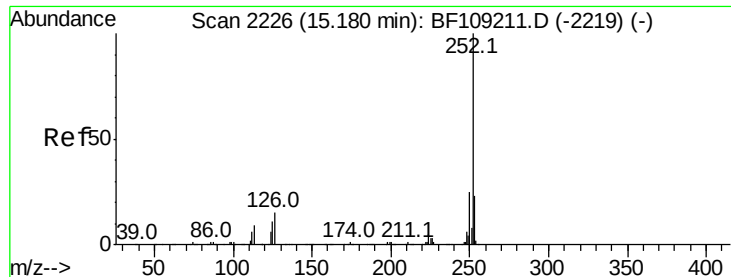
Delta R.T. -0.01 min

Lab File: BF109553.D

Acq: 3 Oct 2018 18:17

Tgt Ion:	252	Resp:	21503
Ion Ratio	Lower	Upper	
252	100		
253	32.4	17.9	26.9#
125	20.8	10.2	15.2#





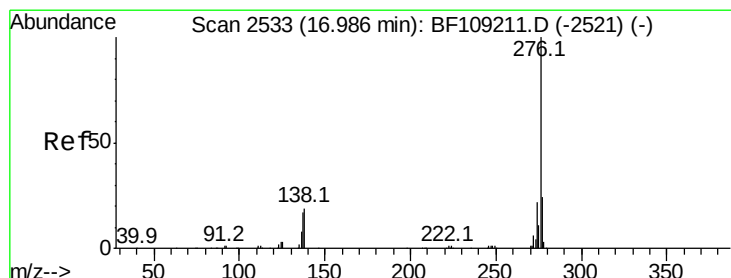
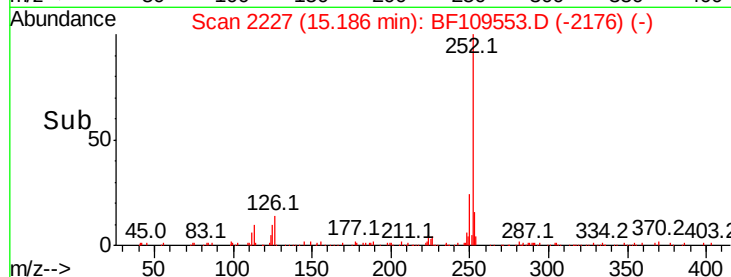
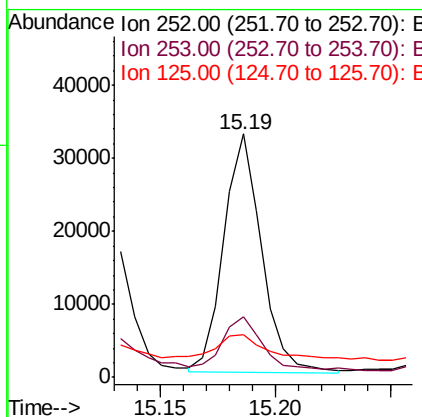
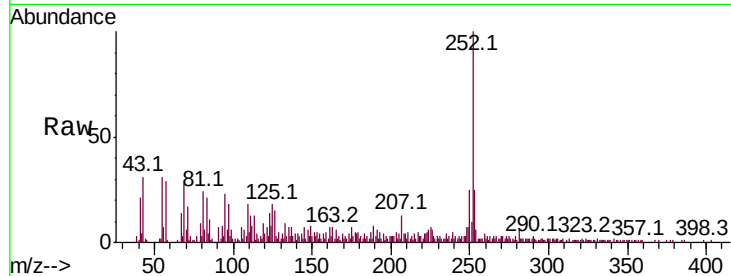
#89
Benzo(a)pyrene
Concen: 4.927 ng
RT: 15.19 min Scan# 2227
Delta R.T. -0.00 min
Lab File: BF109553.D
Acq: 3 Oct 2018 18:17

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

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.6	17.1	25.7
125	17.6	9.8	14.6

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#91
Benzo(g,h,i)perylene
Concen: 3.203 ng
RT: 17.00 min Scan# 2536
Delta R.T. 0.01 min
Lab File: BF109553.D
Acq: 3 Oct 2018 18:17

Tgt Ion	Ratio	Lower	Upper
276	100		
277	30.6	17.9	26.9
138	27.6	21.8	32.8

