

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100318\
 Data File : BF109545.D
 Acq On : 3 Oct 2018 14:48
 Operator : JU/SJ
 Sample : J5218-03
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 229-211-RBR250129

Manual Integrations
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Sohil
 10/4/2018 11:43:57 AM

Quant Time: Oct 03 15:45:10 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	103978	20.00	ng	0.00
21) Naphthalene-d8	7.98	136	381380	20.00	ng	-0.01
38) Acenaphthene-d10	9.73	164	158495	20.00	ng	-0.01
63) Phenanthrene-d10	11.21	188	247438	20.00	ng	0.00
75) Chrysene-d12	13.84	240	203308	20.00	ng	0.00
86) Perylene-d12	15.24	264	191674	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	553908	87.74	ng	0.00
7) Phenol-d6	6.35	99	712308	88.43	ng	-0.01
23) Nitrobenzene-d5	7.26	82	447404	69.25	ng	-0.02
41) 2,4,6-Tribromophenol	10.52	330	138966	88.94	ng	-0.02
44) 2-Fluorobiphenyl	9.06	172	743773	70.78	ng	-0.02
78) Terphenyl-d14	12.79	244	519326	62.69	ng	-0.01
Target Compounds						
49) Dimethylphthalate	9.45	163	234230	20.319	ng	99
70) Phenanthrene	11.23	178	91624	7.416	ng	98
71) Anthracene	11.29	178	31443	2.509	ng	98
74) Fluoranthene	12.42	202	126334	9.569	ng	91
77) Pyrene	12.64	202	132292	9.079	ng	# 94
80) Benzo(a)anthracene	13.83	228	67441	5.507	ng	92
82) Chrysene	13.86	228	60401m	4.976	ng	
85) Indeno(1,2,3-cd)pyrene	16.59	276	34543	3.511	ng	# 91
87) Benzo(b)fluoranthene	14.84	252	78597m	7.462	ng	
88) Benzo(k)fluoranthene	14.87	252	27492m	2.751	ng	
89) Benzo(a)pyrene	15.19	252	62564	6.592	ng	# 95
91) Benzo(a,h,i)perylene	17.00	276	37240	4.867	ng	# 89

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

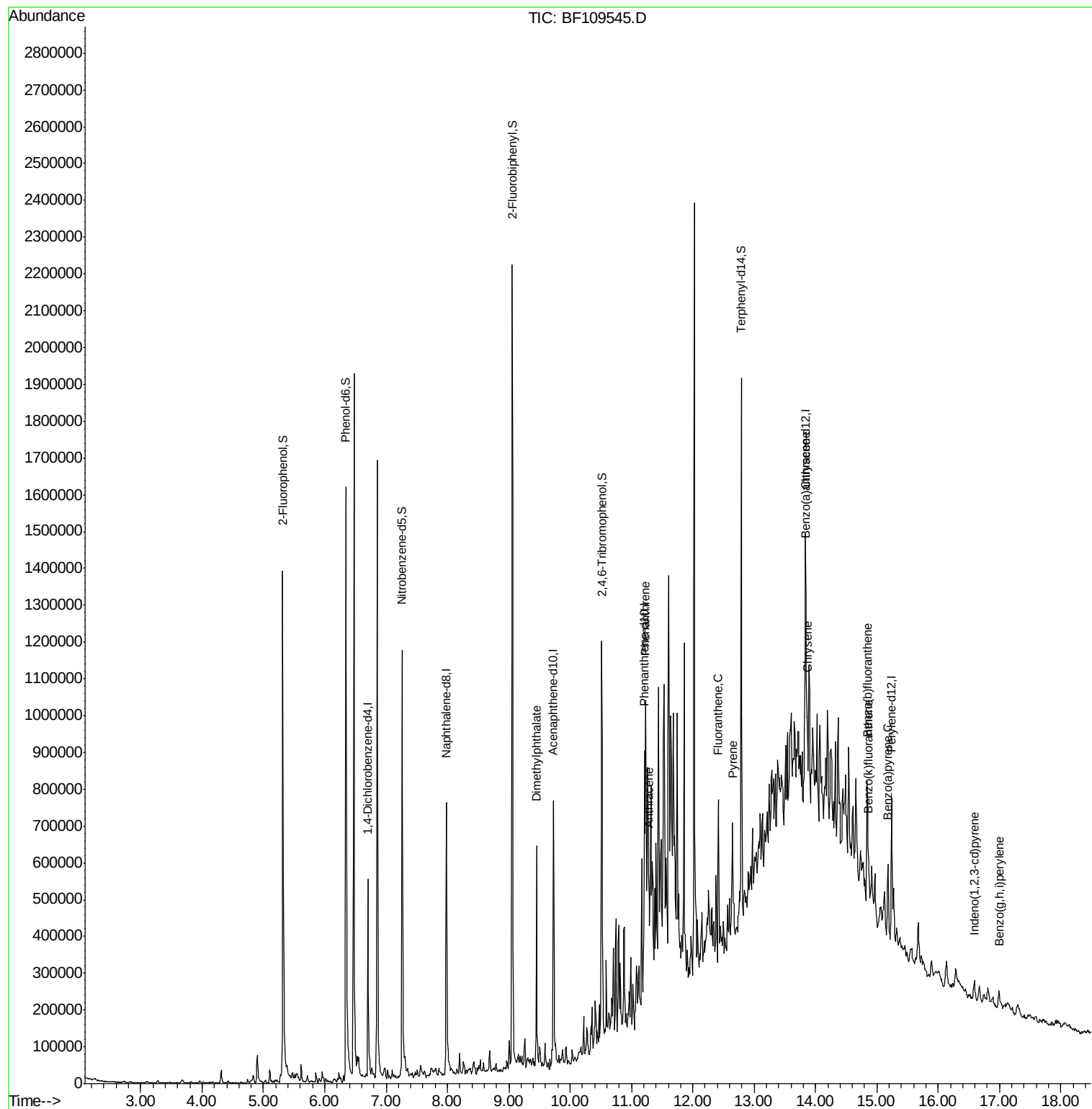
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100318\
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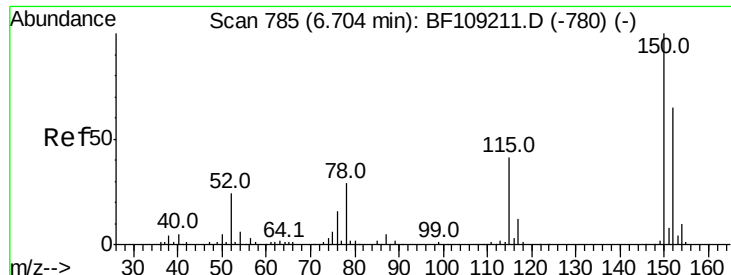
Instrument :
BNA_F
ClientSampleId :
229-211-RBR250129

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Quant Time: Oct 03 15:45:10 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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Response via : Initial Calibration





#1

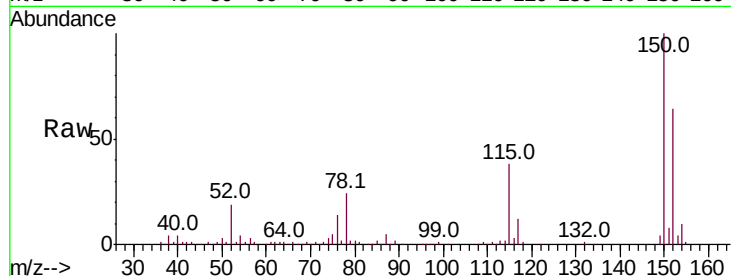
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.70 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF109545.D
Acq: 3 Oct 2018 14:48

Instrument :
BNA_F
ClientSampleId :
229-211-RBR250129

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.8	124.6	186.8
115	59.2	50.1	75.1

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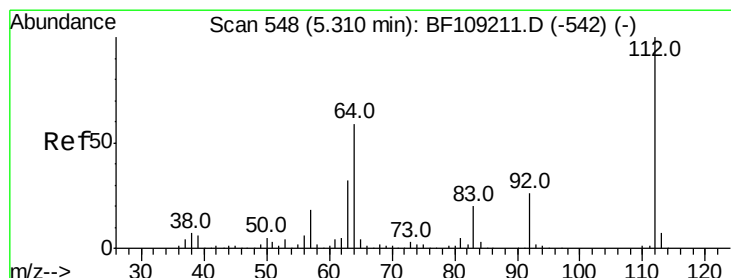
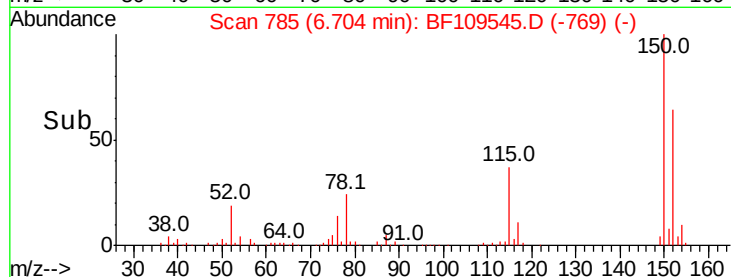
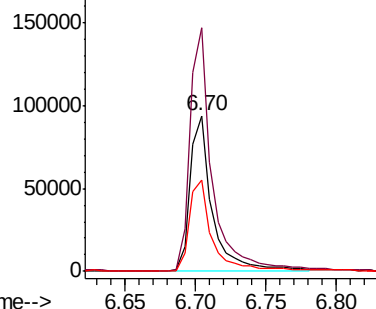


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

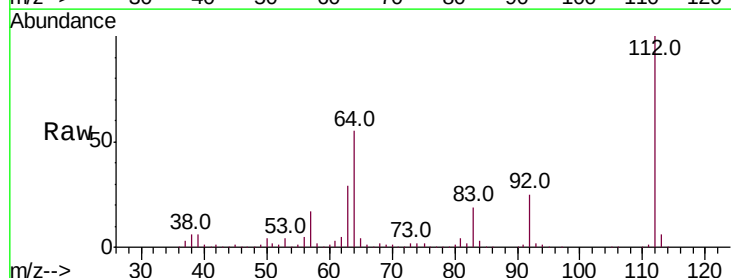
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 87.743 ng
RT: 5.32 min Scan# 550
Delta R.T. 0.01 min
Lab File: BF109545.D
Acq: 3 Oct 2018 14:48

Tgt Ion	Ratio	Lower	Upper
112	100		
64	55.5	47.9	71.9
63	28.7	23.7	35.5

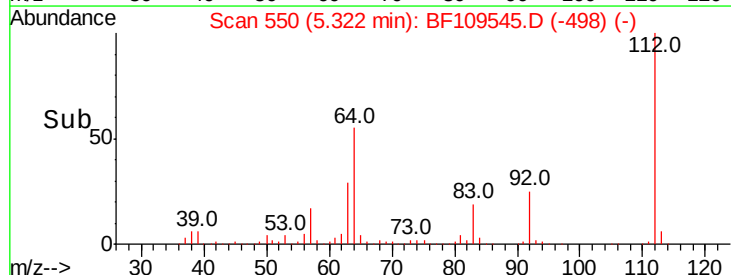
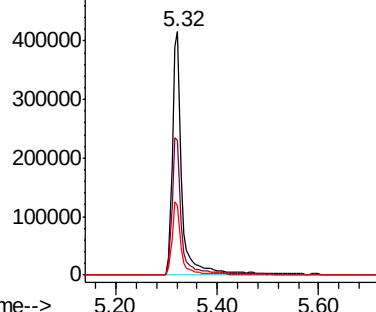


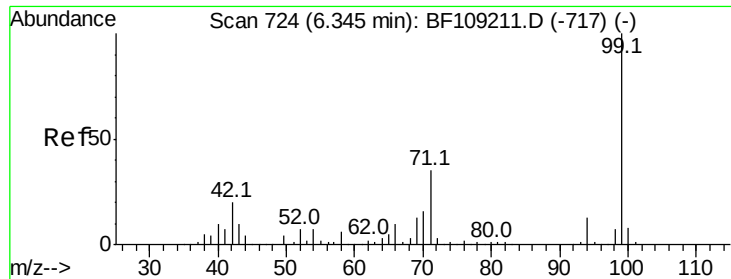
Abundance

Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 88.425 ng

RT: 6.35 min Scan# 724

Delta R.T. -0.01 min

Lab File: BF109545.D

Acq: 3 Oct 2018 14:48

Instrument :

BNA_F

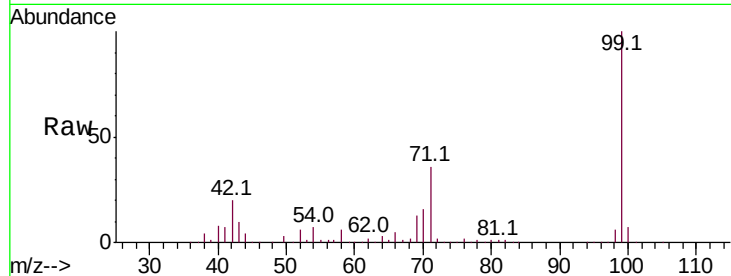
ClientSampleId :

229-211-RBR250129

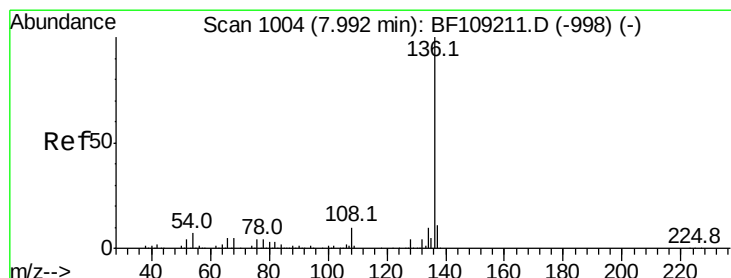
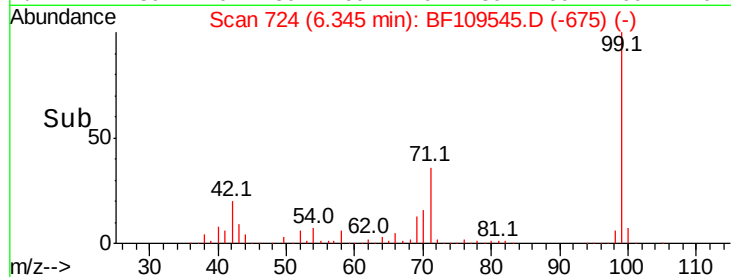
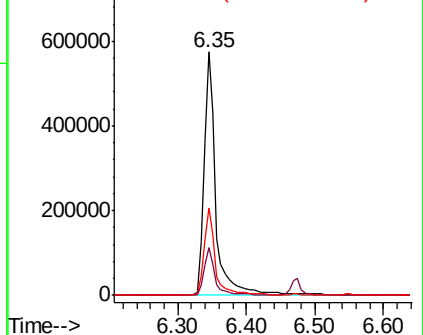
Tot Ion	Ratio	Resp	Lower	Upper
99	100	712308		
42	19.5		14.5	21.7
71	35.7		25.4	38.0

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Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.98 min Scan# 1002

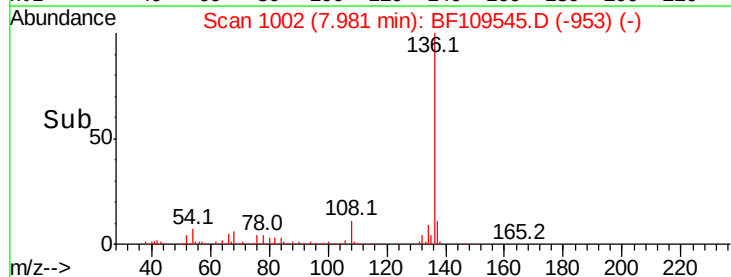
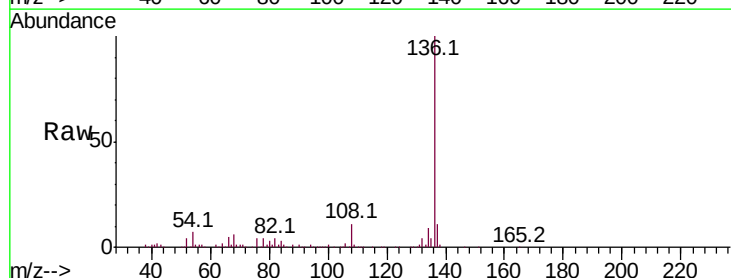
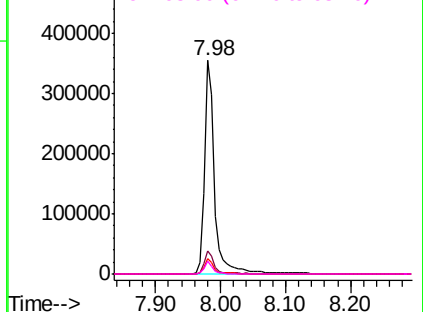
Delta R.T. -0.01 min

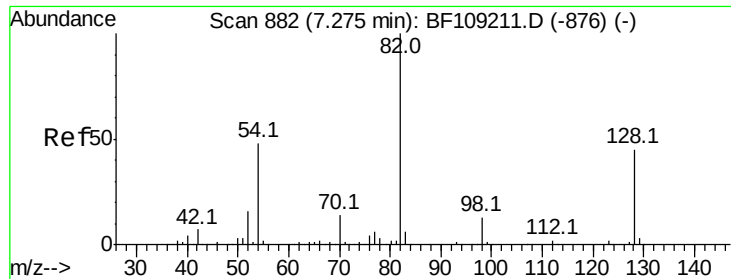
Lab File: BF109545.D

Acq: 3 Oct 2018 14:48

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	381380		
137	11.1		8.9	13.3
54	7.5		6.6	9.8
68	5.9		5.0	7.4

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





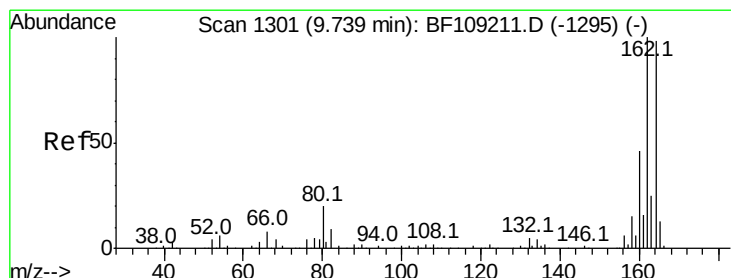
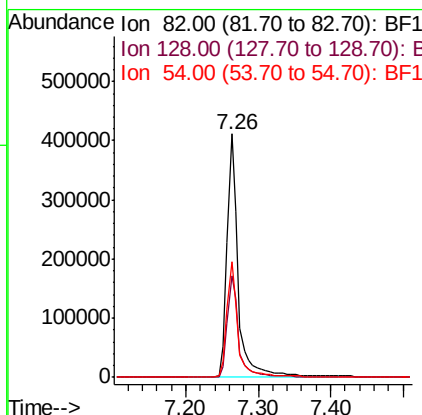
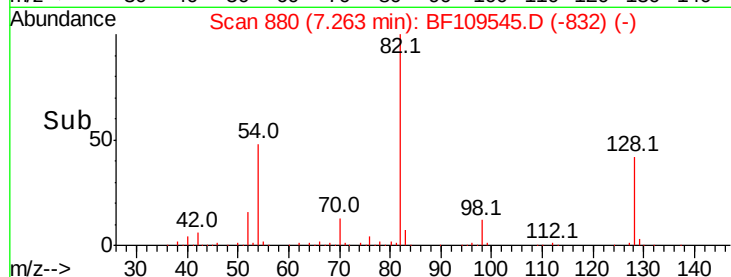
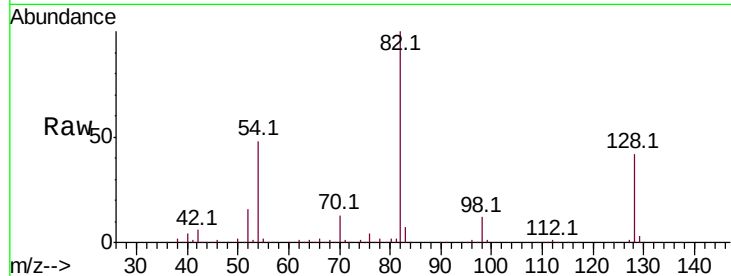
#23
 Nitrobenzene-d5
 Concen: 69.251 ng
 RT: 7.26 min Scan# 880
 Delta R.T. -0.02 min
 Lab File: BF109545.D
 Acq: 3 Oct 2018 14:48

Instrument :
 BNA_F
 ClientSampleId :
 229-211-RBR250129

Tot Ion	Ratio	Lower	Upper
82	100		
128	41.7	36.1	54.1
54	47.7	41.4	62.2

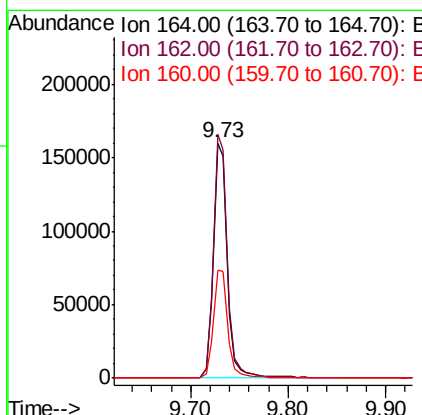
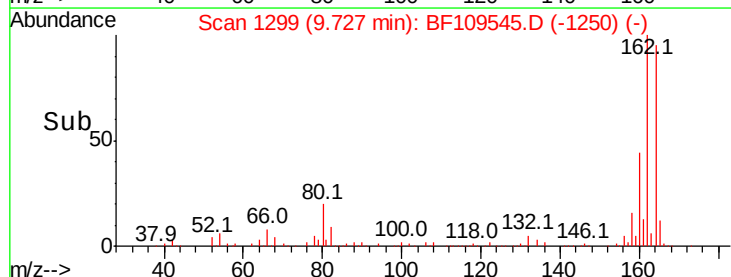
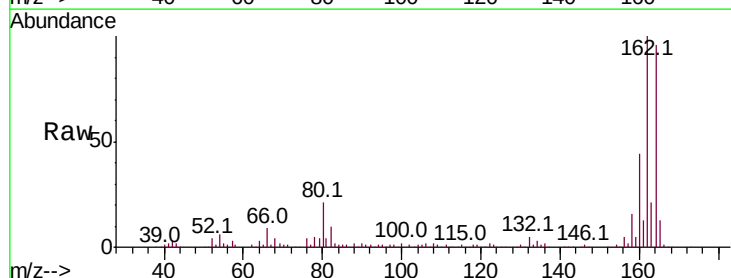
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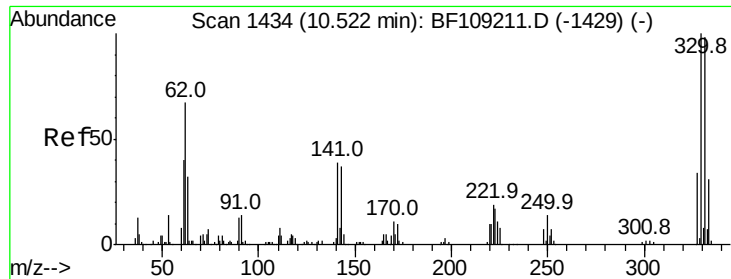
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#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.73 min Scan# 1299
 Delta R.T. -0.01 min
 Lab File: BF109545.D
 Acq: 3 Oct 2018 14:48

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.6	86.1	129.1
160	45.9	38.3	57.5





#41

2,4,6-Tribromophenol

Concen: 88.942 ng

RT: 10.52 min Scan# 1433

Delta R.T. -0.02 min

Lab File: BF109545.D

Acq: 3 Oct 2018 14:48

Instrument :

BNA_F

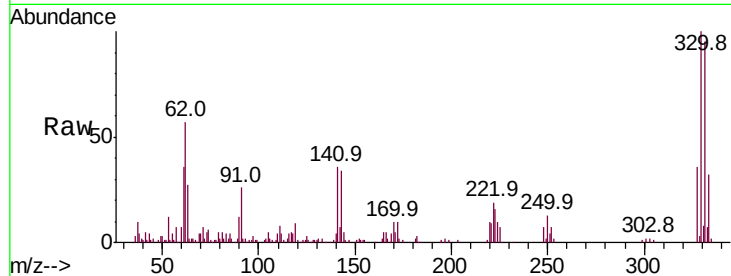
ClientSampleId :

229-211-RBR250129

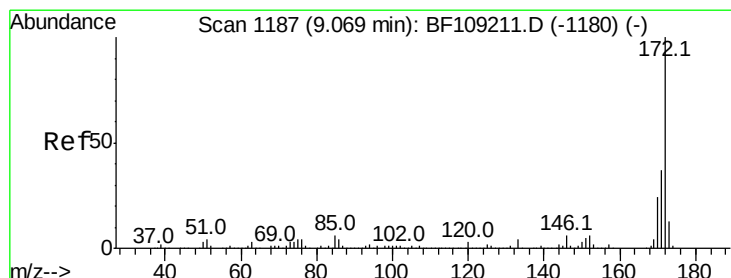
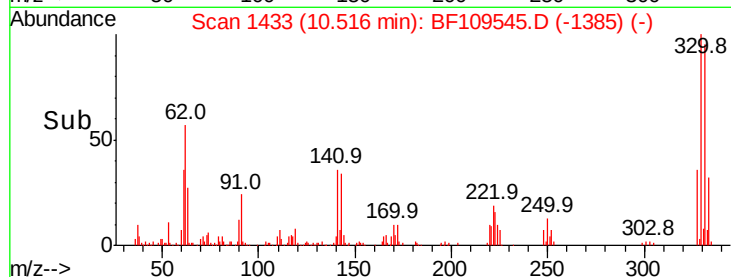
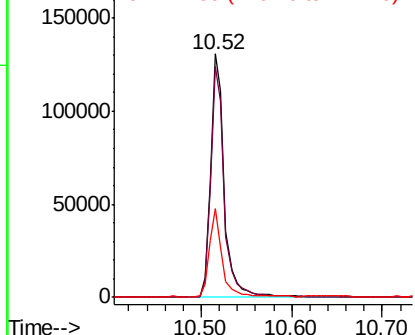
Tot Ion:	330	Resp:	138966
Ion Ratio	Lower	Upper	
330	100		
332	94.2	77.0	115.6
141	33.8	29.9	44.9

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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: 70.775 ng

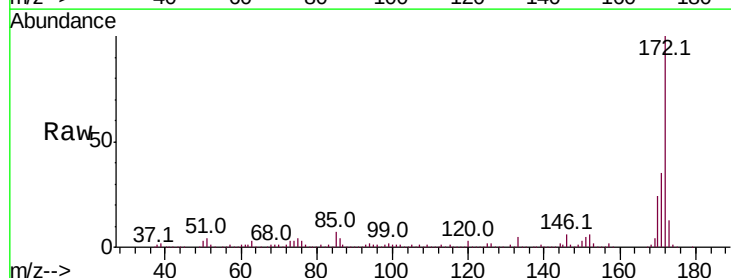
RT: 9.06 min Scan# 1185

Delta R.T. -0.02 min

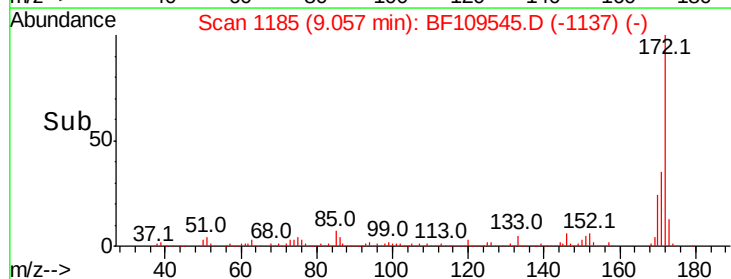
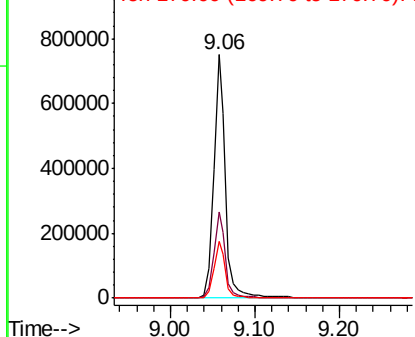
Lab File: BF109545.D

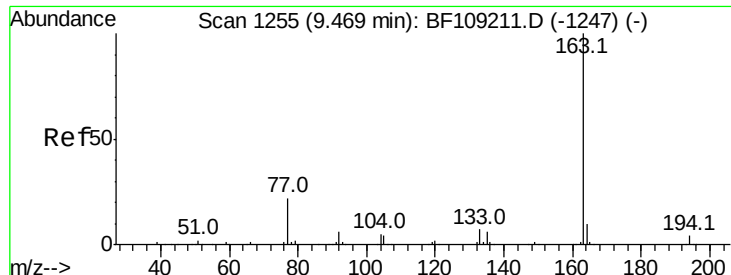
Acq: 3 Oct 2018 14:48

Tgt Ion:	172	Resp:	743773
Ion Ratio	Lower	Upper	
172	100		
171	35.4	29.7	44.5
170	23.5	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





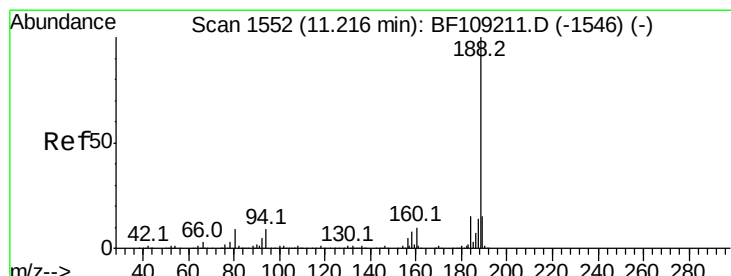
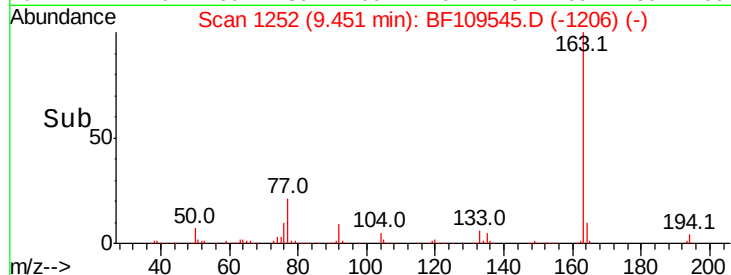
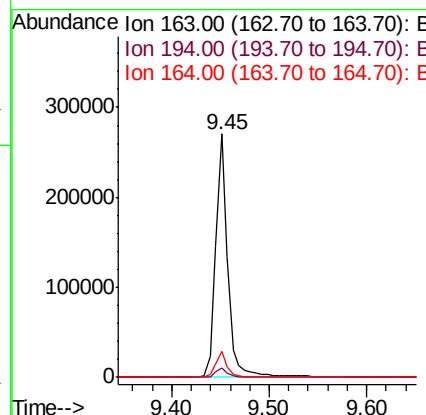
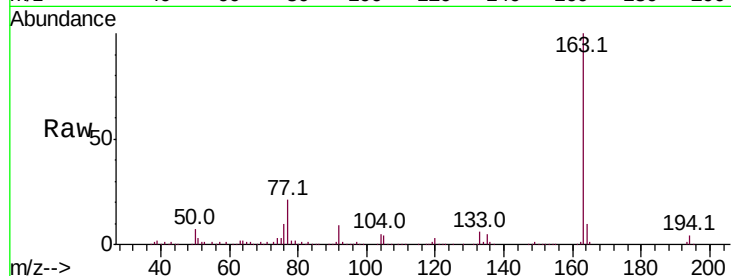
#49
Dimethylphthalate
Concen: 20.319 ng
RT: 9.45 min Scan# 1252
Delta R.T. -0.03 min
Lab File: BF109545.D
Acq: 3 Oct 2018 14:48

Instrument :
BNA_F
ClientSampleId :
229-211-RBR250129

Tot Ion	Ratio	Resp	Lower	Upper
163	100			
194	4.0	2.7	4.1	
164	10.5	8.2	12.2	

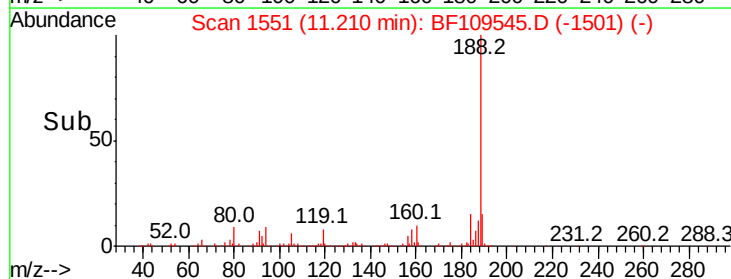
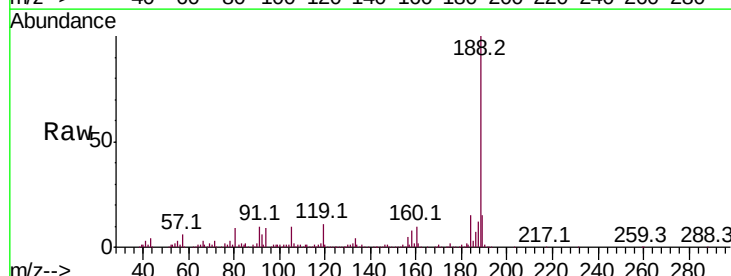
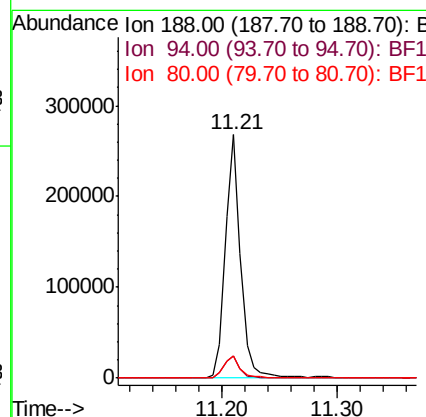
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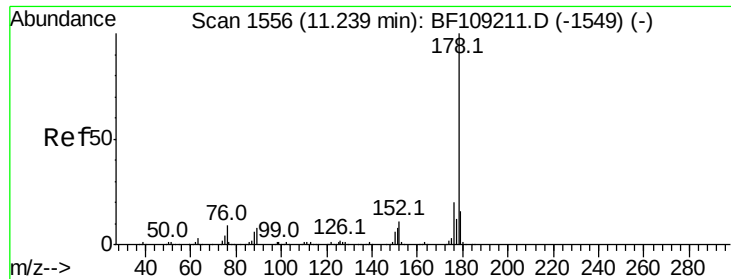
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#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.21 min Scan# 1551
Delta R.T. -0.01 min
Lab File: BF109545.D
Acq: 3 Oct 2018 14:48

Tgt Ion	Ratio	Resp	Lower	Upper
188	100			
94	9.0	8.5	12.7	
80	9.3	9.2	13.8	





#70

Phenanthrene

Concen: 7.416 ng

RT: 11.23 min Scan# 1555

Delta R.T. -0.01 min

Lab File: BF109545.D

Acq: 3 Oct 2018 14:48

Instrument :

BNA_F

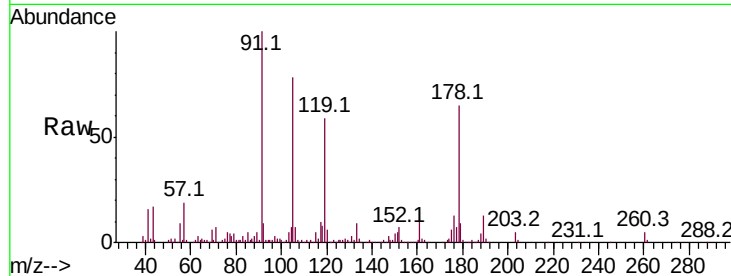
ClientSampleId :

229-211-RBR250129

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.8	23.8
179	14.6	13.0	19.6

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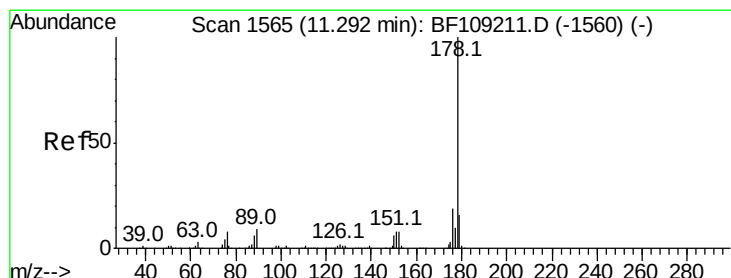
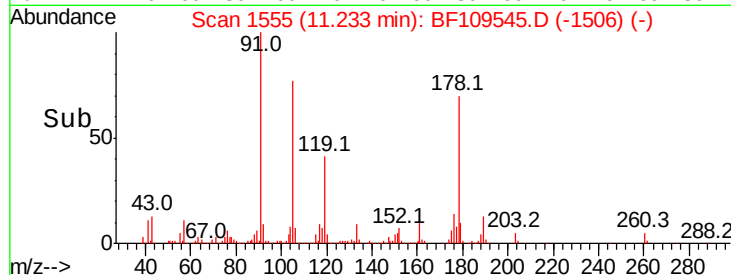
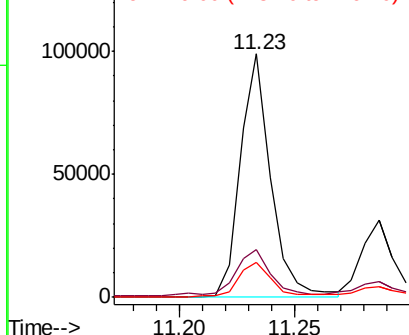


Abundance

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: 2.509 ng

RT: 11.29 min Scan# 1564

Delta R.T. -0.01 min

Lab File: BF109545.D

Acq: 3 Oct 2018 14:48

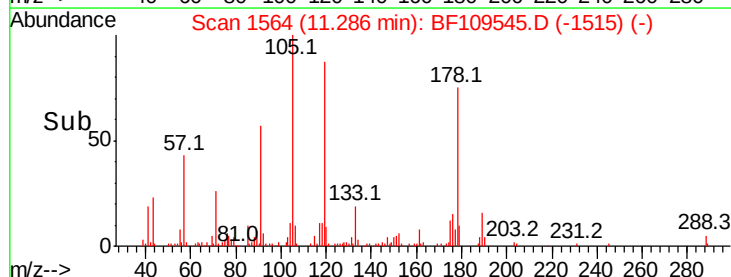
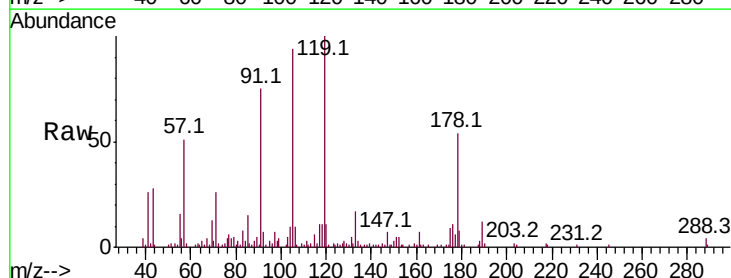
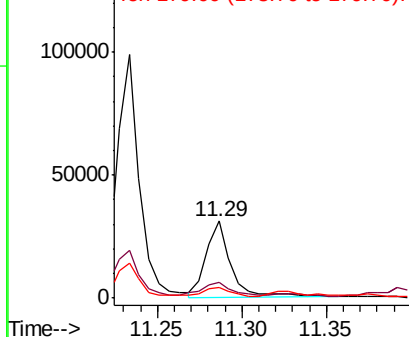
Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.7	15.4	23.2
179	14.6	12.6	19.0

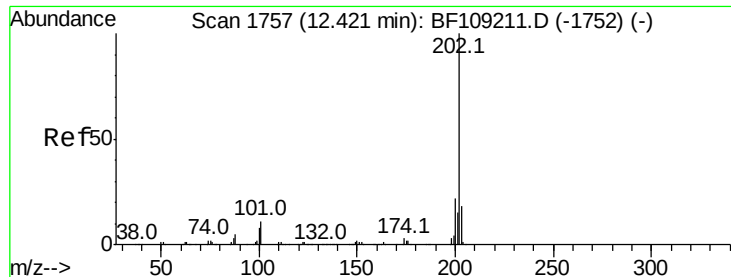
Abundance

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





#74

Fluoranthene

Concen: 9.569 ng

RT: 12.42 min Scan# 1756

Delta R.T. -0.01 min

Lab File: BF109545.D

Acq: 3 Oct 2018 14:48

Instrument :

BNA_F

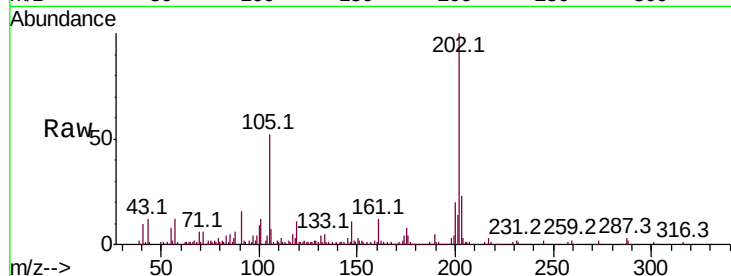
ClientSampleId :

229-211-RBR250129

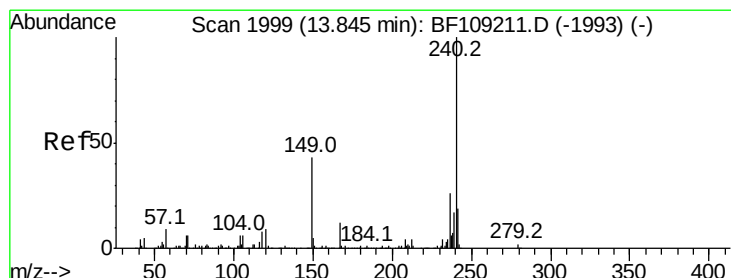
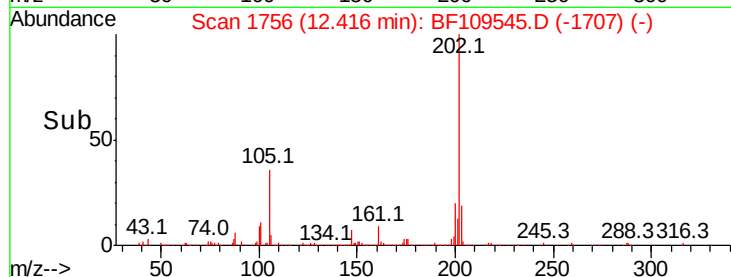
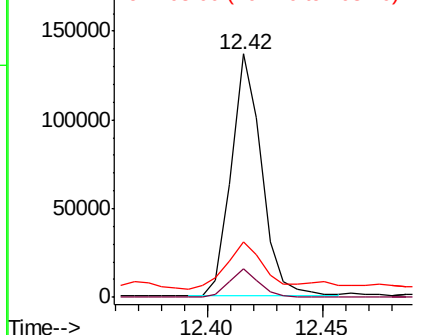
Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	11.5	0.0	34.1
203	22.8	0.0	38.1

Manual Integrations
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Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E



#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.84 min Scan# 1998

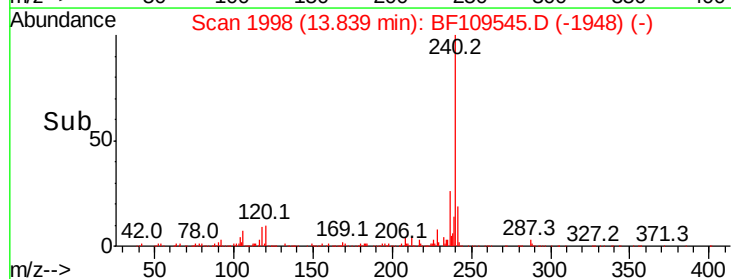
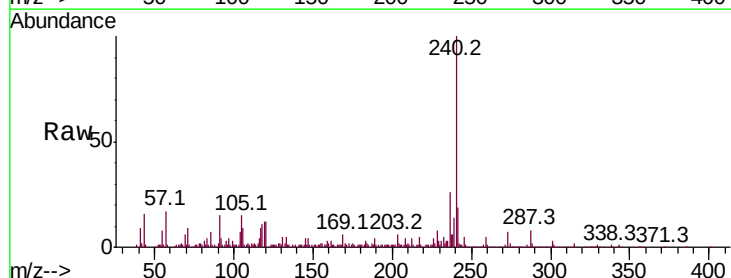
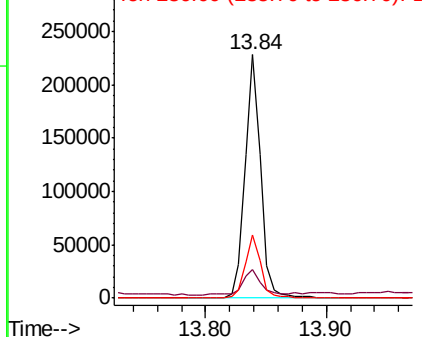
Delta R.T. -0.01 min

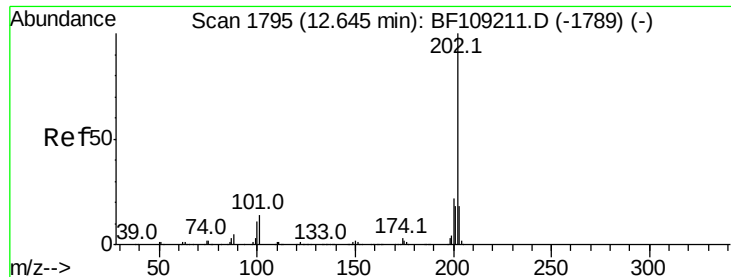
Lab File: BF109545.D

Acq: 3 Oct 2018 14:48

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	11.6	9.5	14.3
236	26.0	20.7	31.1

Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





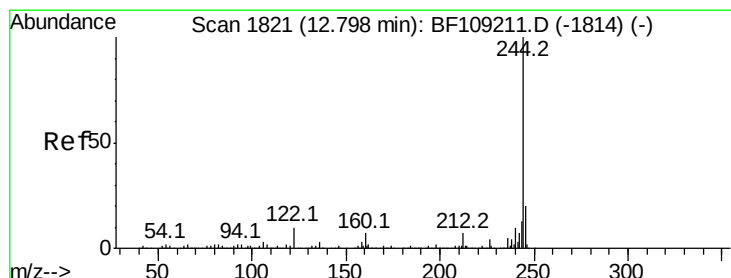
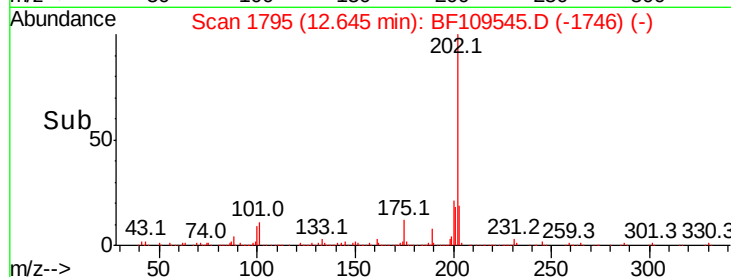
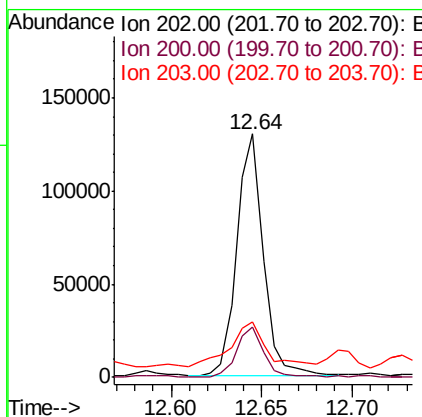
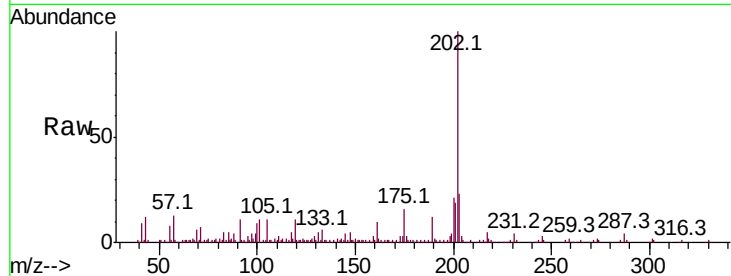
#77
Pvrene
Concen: 9.079 ng
RT: 12.64 min Scan# 1795
Delta R.T. -0.01 min
Lab File: BF109545.D
Acq: 3 Oct 2018 14:48

Instrument :
BNA_F
ClientSampleId :
229-211-RBR250129

Tot Ion	Ratio	Resp Lower	Upper
202	100		
200	20.8	17.4	26.2
203	22.9	14.3	21.5#

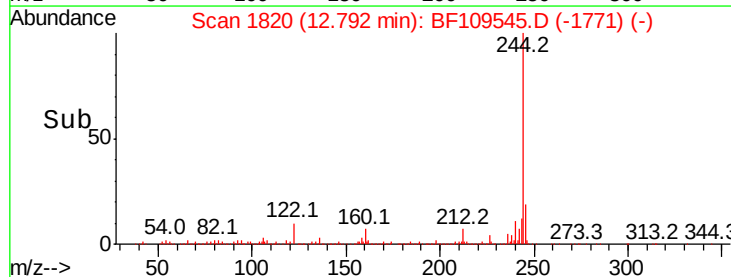
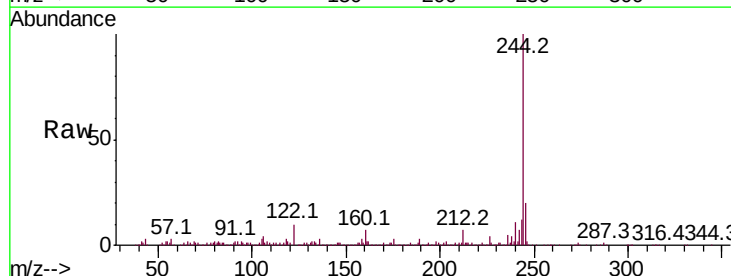
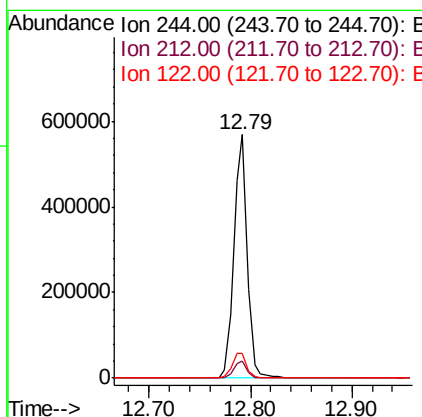
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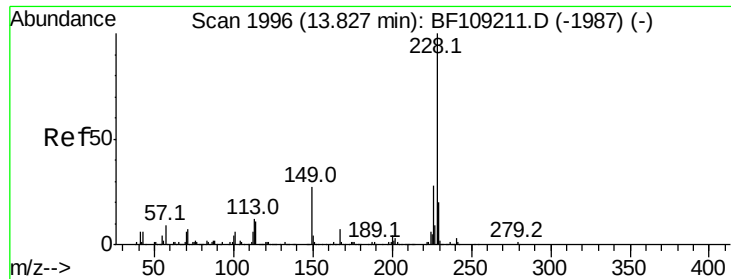
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#78
Terphenyl-d14
Concen: 62.689 ng
RT: 12.79 min Scan# 1820
Delta R.T. -0.01 min
Lab File: BF109545.D
Acq: 3 Oct 2018 14:48

Tgt Ion	Ratio	Resp Lower	Upper
244	100		
212	6.9	5.4	8.0
122	10.1	11.0	16.4#





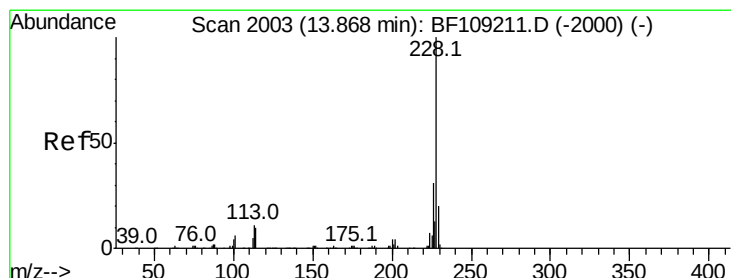
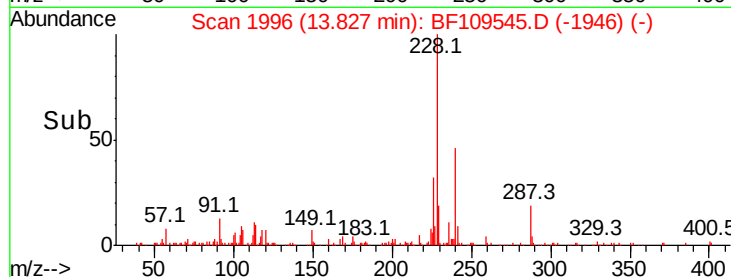
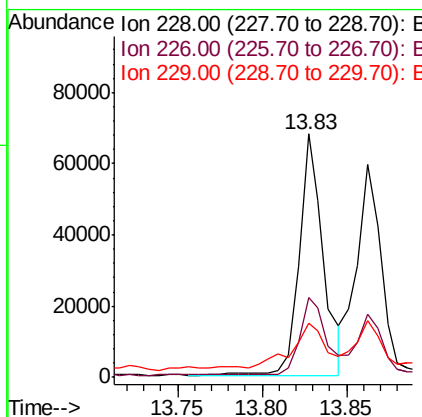
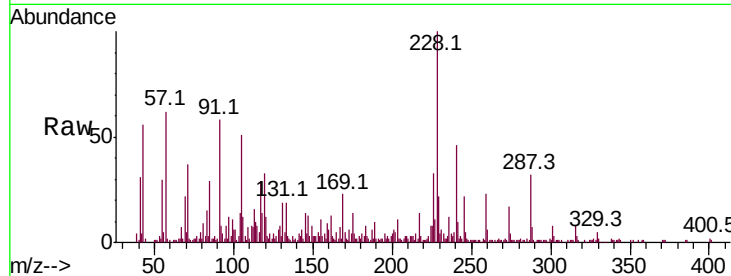
#80
Benzo(a)anthracene
Concen: 5.507 ng
RT: 13.83 min Scan# 1996
Delta R.T. -0.01 min
Lab File: BF109545.D
Acq: 3 Oct 2018 14:48

Instrument :
BNA_F
ClientSampleId :
229-211-RBR250129

Tot Ion	Ratio	Lower	Upper
228	100		
226	33.0	22.6	33.8
229	22.2	15.8	23.6

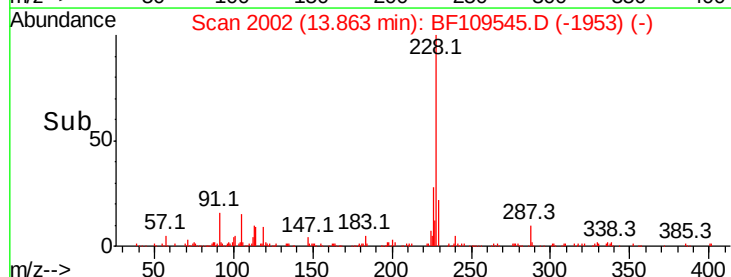
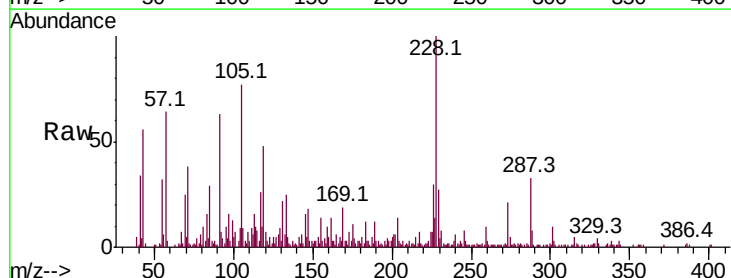
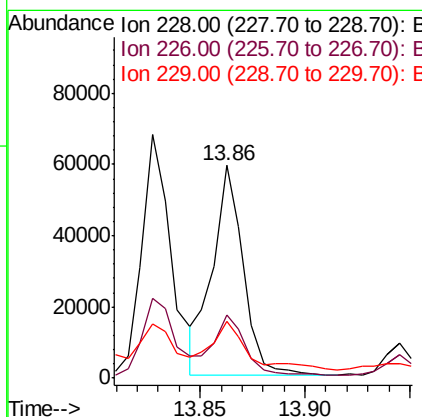
Manual Integrations
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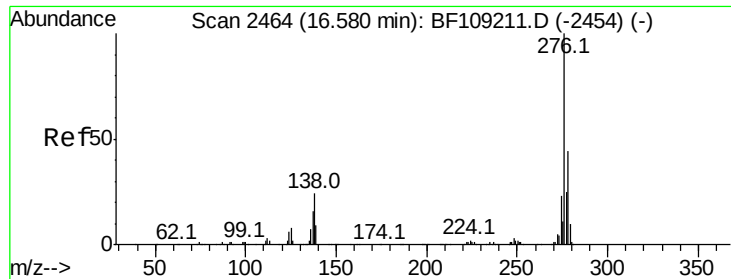
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#82
Chrysene
Concen: 4.976 ng m
RT: 13.86 min Scan# 2002
Delta R.T. -0.01 min
Lab File: BF109545.D
Acq: 3 Oct 2018 14:48

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.7	25.0	37.6
229	26.6	16.2	24.4#





#85

Indeno(1,2,3-cd)pyrene

Concen: 3.511 ng

RT: 16.59 min Scan# 2466

Delta R.T. 0.00 min

Lab File: BF109545.D

Acq: 3 Oct 2018 14:48

Instrument :

BNA_F

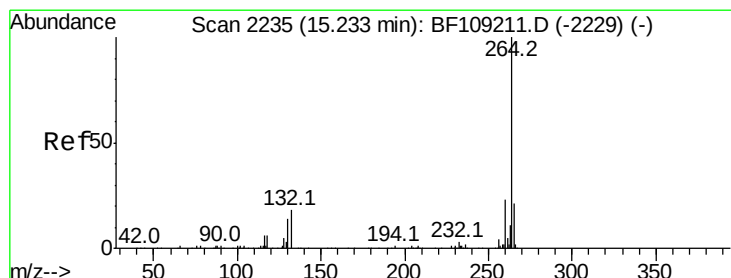
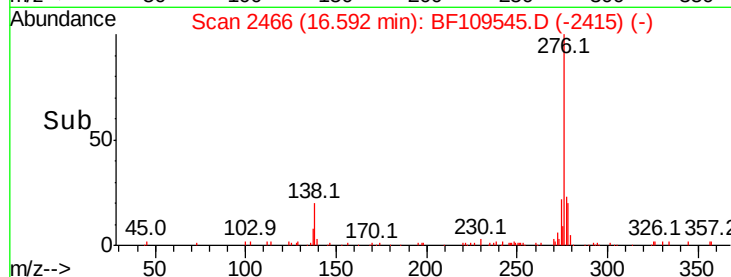
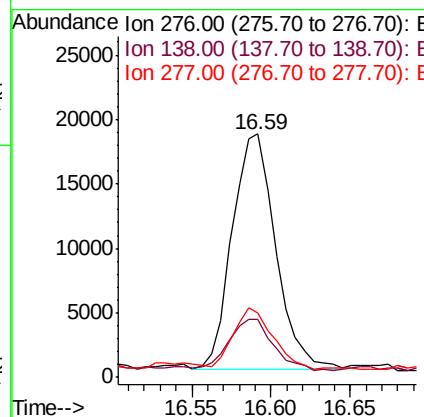
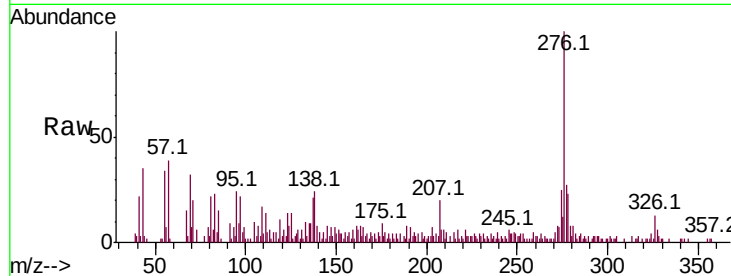
ClientSampleId :

229-211-RBR250129

Tot Ion	Ratio	Lower	Upper
276	100		
138	22.9	25.0	37.6#
277	24.4	20.1	30.1

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#86

Perylene-d12

Concen: 20.000 ng

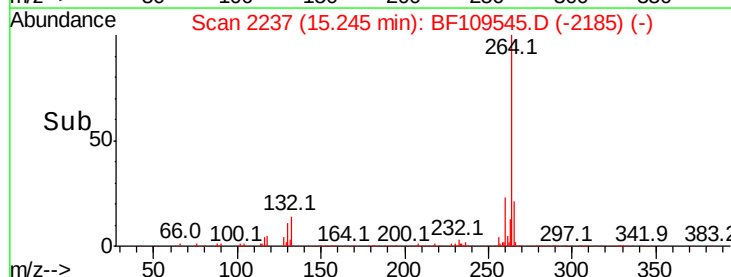
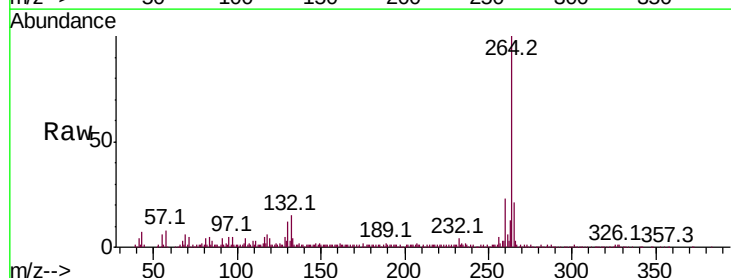
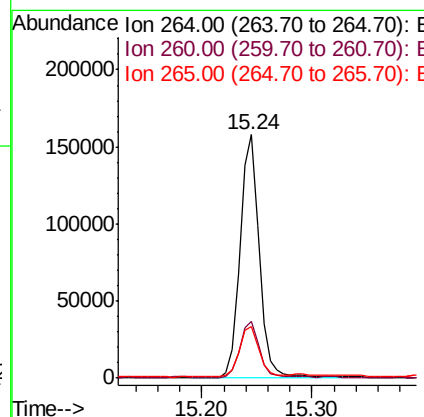
RT: 15.24 min Scan# 2237

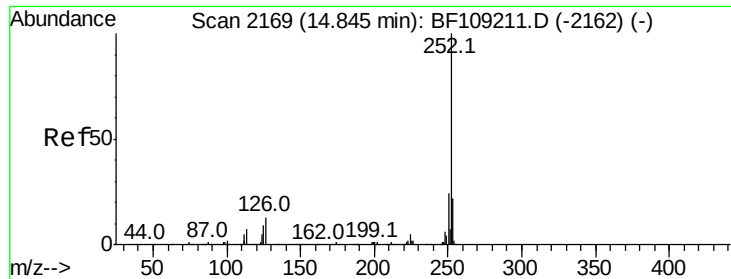
Delta R.T. 0.01 min

Lab File: BF109545.D

Acq: 3 Oct 2018 14:48

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.1	19.2	28.8
265	21.2	17.5	26.3





#87

Benzo(b)fluoranthene

Concen: 7.462 ng m

RT: 14.84 min Scan# 2169

Delta R.T. -0.01 min

Lab File: BF109545.D

Acq: 3 Oct 2018 14:48

Instrument :

BNA_F

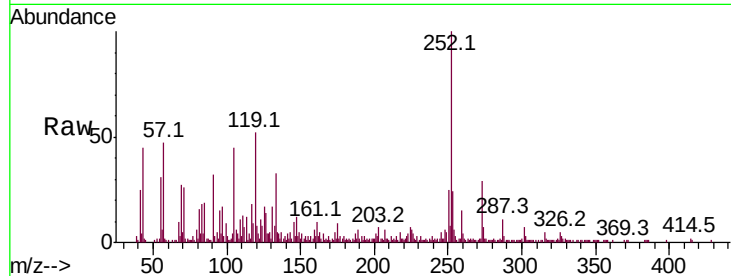
ClientSampleId :

229-211-RBR250129

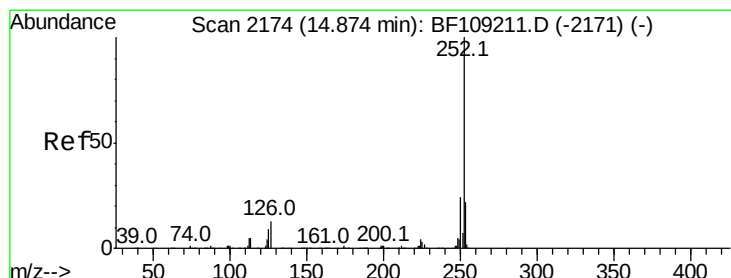
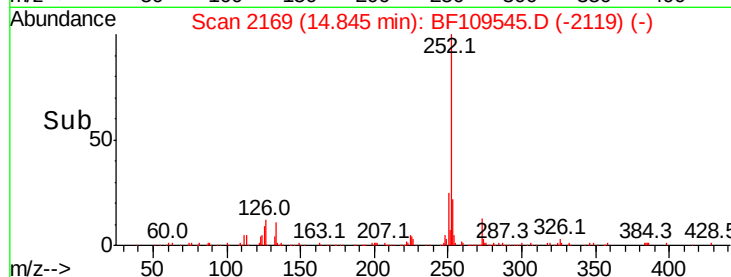
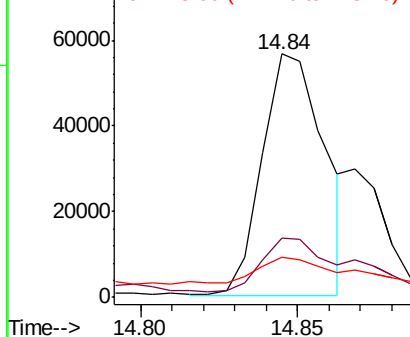
Tot Ion:	252	Resp:	78597
Ion Ratio	Lower	Upper	
252	100		
253	24.2	17.0	25.6
125	16.6	9.0	13.6#

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Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 2.751 ng m

RT: 14.87 min Scan# 2173

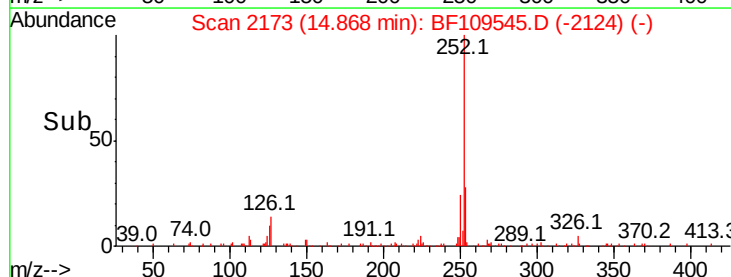
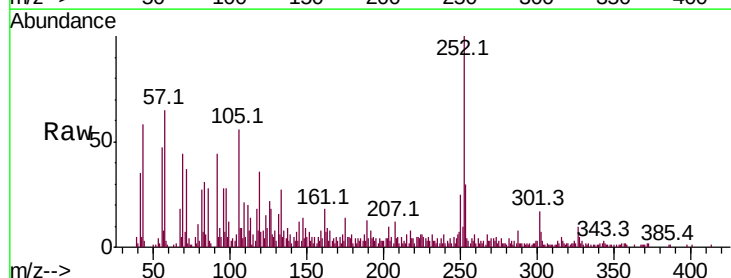
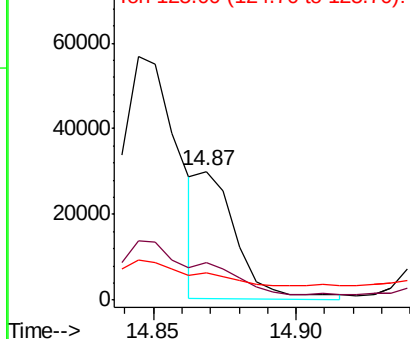
Delta R.T. -0.01 min

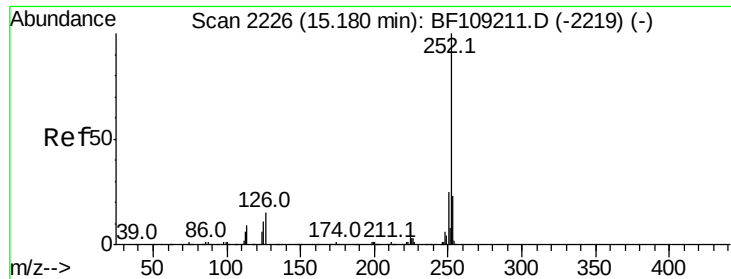
Lab File: BF109545.D

Acq: 3 Oct 2018 14:48

Tgt Ion:	252	Resp:	27492
Ion Ratio	Lower	Upper	
252	100		
253	29.7	17.9	26.9#
125	21.7	10.2	15.2#

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





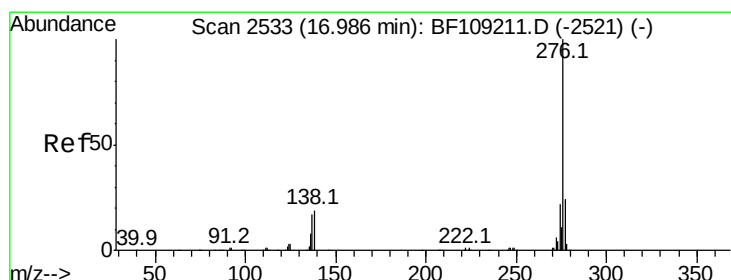
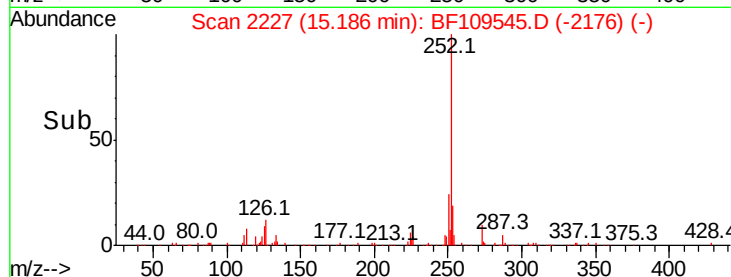
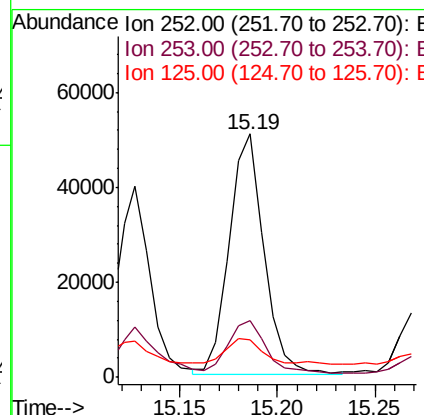
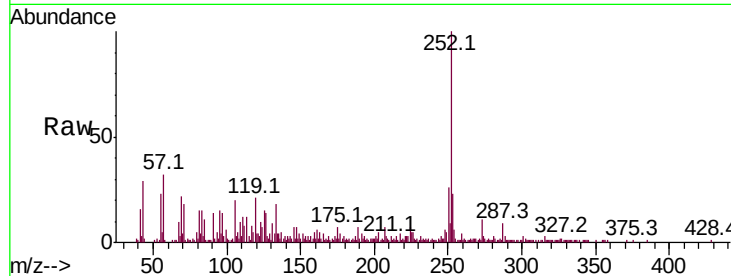
#89
Benzo(a)pyrene
Concen: 6.592 ng
RT: 15.19 min Scan# 2227
Delta R.T. 0.00 min
Lab File: BF109545.D
Acq: 3 Oct 2018 14:48

Instrument :
BNA_F
ClientSampleId :
229-211-RBR250129

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.1	25.7
125	15.2	9.8	14.6

Manual Integrations
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#91
Benzo(g,h,i)perylene
Concen: 4.867 ng
RT: 17.00 min Scan# 2535
Delta R.T. 0.00 min
Lab File: BF109545.D
Acq: 3 Oct 2018 14:48

Tgt Ion	Ratio	Lower	Upper
276	100		
277	25.3	17.9	26.9
138	19.7	21.8	32.8

