

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092618\
 Data File : BF109343.D
 Acq On : 26 Sep 2018 18:11
 Operator : JU/SJ
 Sample : J5070-10
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CS-RBR-200028

Manual Integrations
 APPROVED

Sohil
 9/27/2018 1:31:23 PM

Quant Time: Sep 27 06:56:22 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	101778	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	391199	20.00	ng	0.00
38) Acenaphthene-d10	9.73	164	187549	20.00	ng	0.00
63) Phenanthrene-d10	11.22	188	349773	20.00	ng	0.00
75) Chrysene-d12	13.84	240	256620	20.00	ng	0.00
86) Perylene-d12	15.24	264	282763	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	566303	91.65	ng	0.00
7) Phenol-d6	6.35	99	726446	92.13	ng	-0.01
23) Nitrobenzene-d5	7.27	82	459878	69.40	ng	-0.01
41) 2,4,6-Tribromophenol	10.52	330	191812	103.75	ng	-0.01
44) 2-Fluorobiphenyl	9.06	172	766158	61.61	ng	-0.01
78) Terphenyl-d14	12.80	244	623625	59.64	ng	0.00
Target Compounds						
10) Phenol	6.36	94	18880	2.114	ng	98
49) Dimethylphthalate	9.46	163	277902	20.372	ng	98
70) Phenanthrene	11.23	178	109691	6.281	ng	98
74) Fluoranthene	12.42	202	168715	9.040	ng	94
77) Pyrene	12.64	202	141002	7.667	ng	98
80) Benzo(a)anthracene	13.83	228	78398	5.072	ng	99
82) Chrysene	13.86	228	81500	5.320	ng	96
85) Indeno(1,2,3-cd)pyrene	16.58	276	42944m	3.458	ng	
87) Benzo(b)fluoranthene	14.84	252	125151m	8.055	ng	
88) Benzo(k)fluoranthene	14.87	252	32737m	2.220	ng	
89) Benzo(a)pyrene	15.18	252	73006	5.214	ng	98
91) Benzo(a,h,i)perylene	16.99	276	38302	3.393	ng	# 92

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

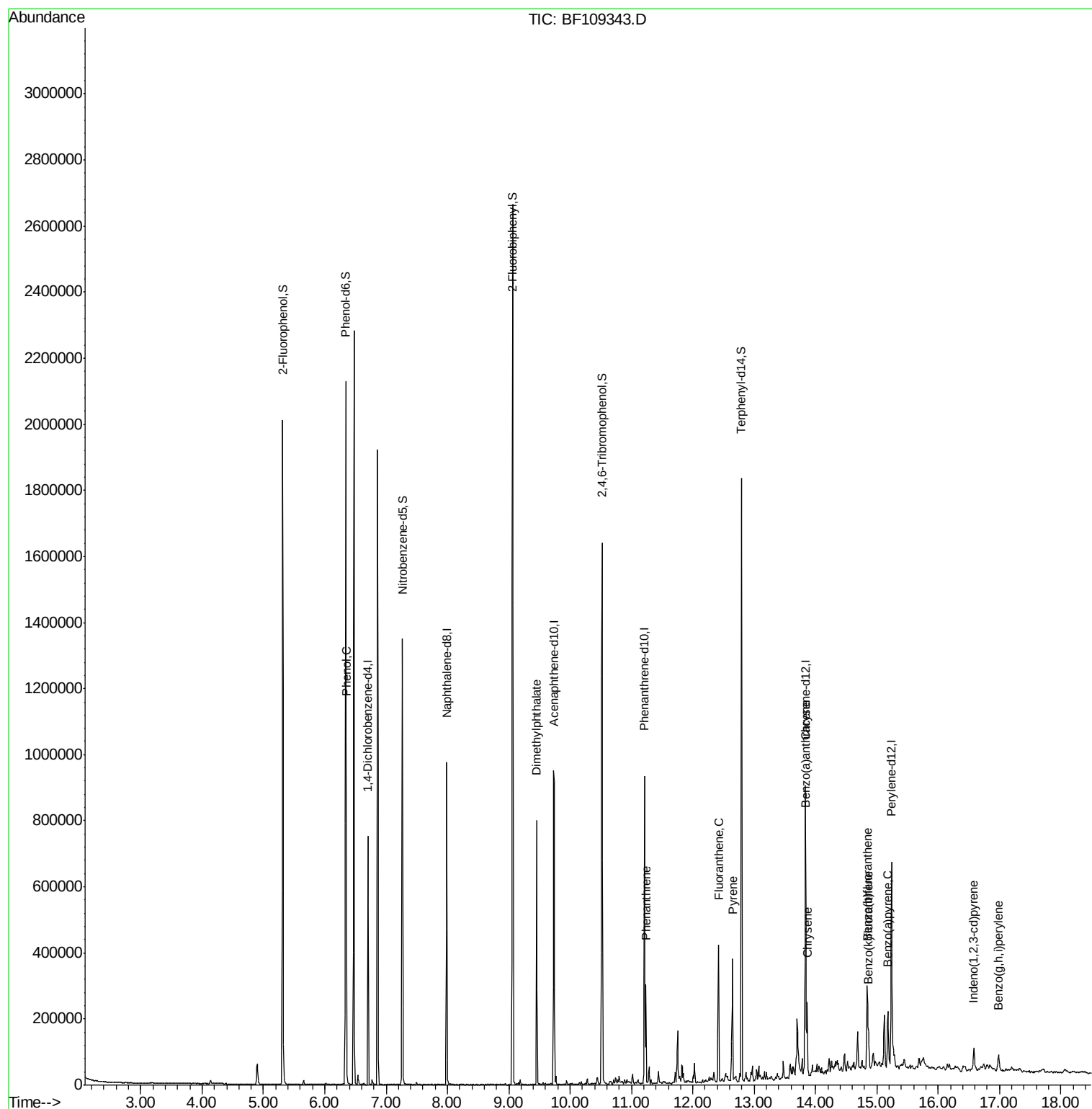
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092618\
Data File : BF109343.D
Acq On : 26 Sep 2018 18:11
Operator : JU/SJ
Sample : J5070-10
Misc :
ALS Vial : 14 Sample Multiplier: 1

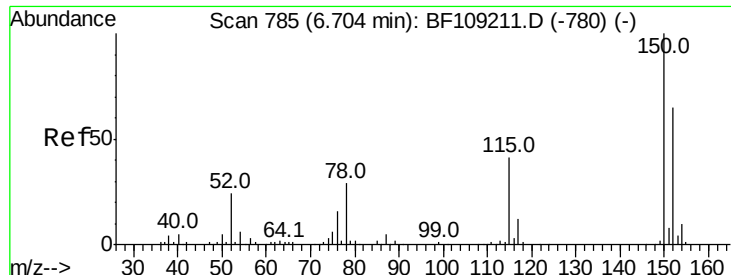
Instrument :
BNA_F
ClientSampleId :
CS-RBR-200028

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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

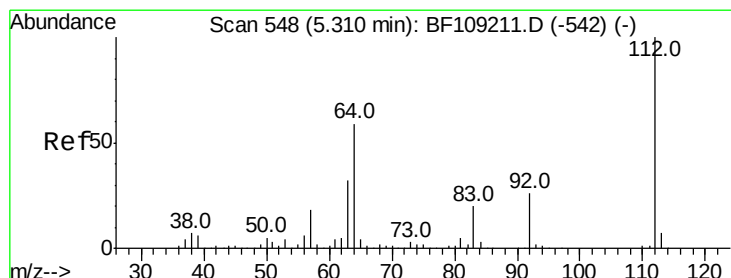
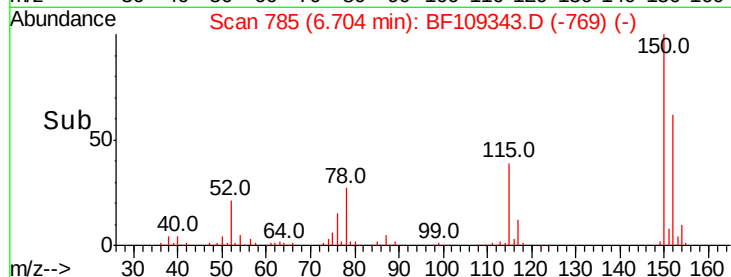
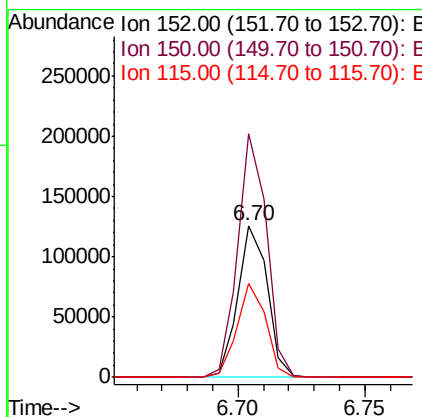
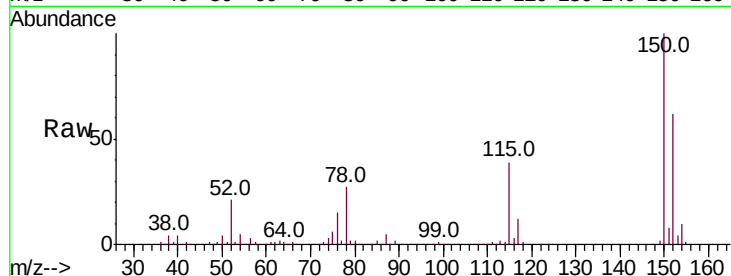
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.70 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF109343.D
Acq: 26 Sep 2018 18:11

Instrument :
BNA_F
ClientSampleId :
CS-RBR-200028

Tot Ion	Ratio	Lower	Upper
152	100		
150	160.7	124.6	186.8
115	61.9	50.1	75.1

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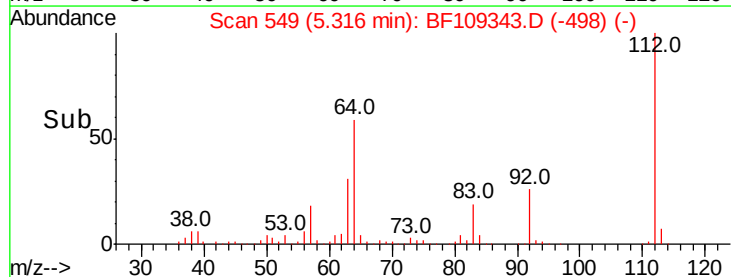
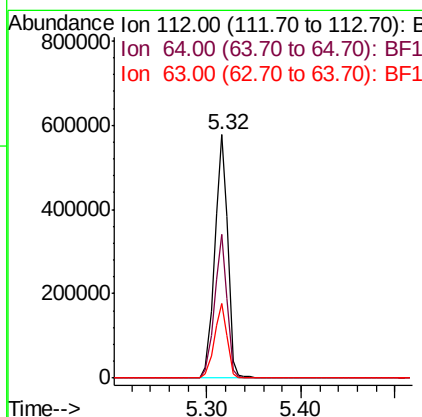
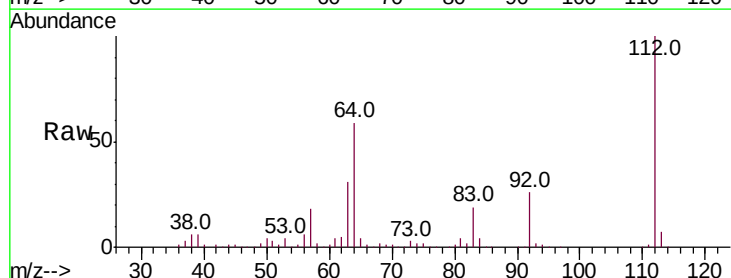
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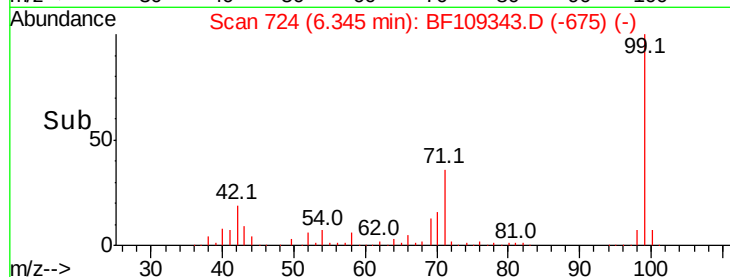
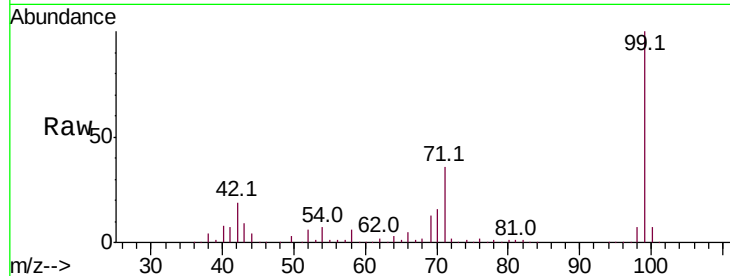
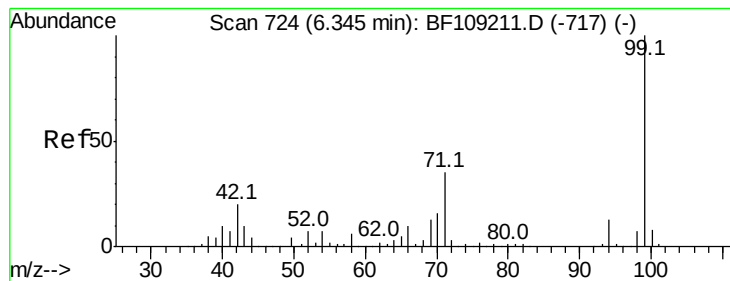


#5

2-Fluorophenol
Concen: 91.645 ng
RT: 5.32 min Scan# 549
Delta R.T. -0.00 min
Lab File: BF109343.D
Acq: 26 Sep 2018 18:11

Tgt Ion	Ratio	Lower	Upper
112	100		
64	59.1	47.9	71.9
63	30.8	23.7	35.5





#7

Phenol-d6

Concen: 92.130 ng

RT: 6.35 min Scan# 724

Delta R.T. -0.01 min

Lab File: BF109343.D

Acq: 26 Sep 2018 18:11

Tot Ion:	99	Resp:	726446
Ion Ratio	Lower	Upper	
99	100		
42	19.4	14.5	21.7
71	35.8	25.4	38.0

Instrument :

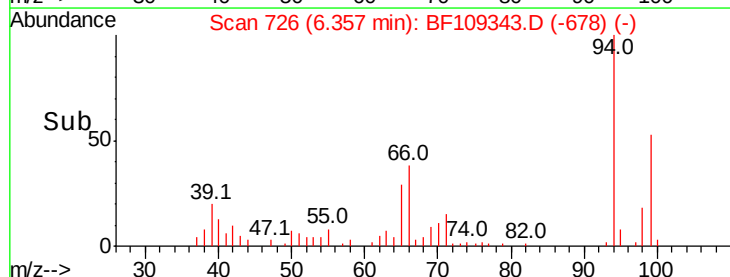
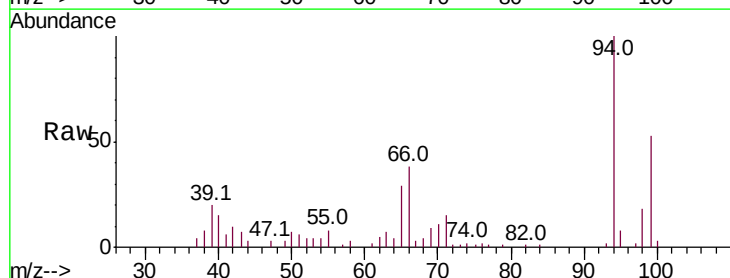
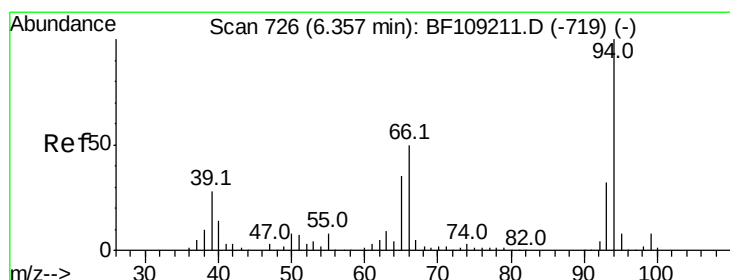
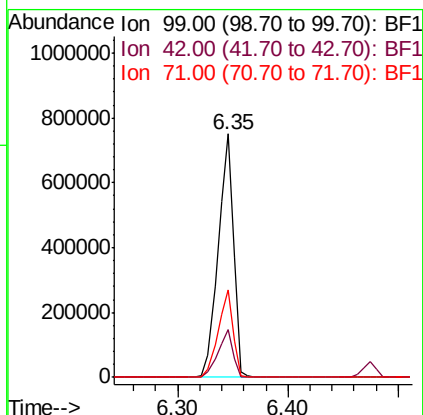
BNA_F

ClientSampleId :

CS-RBR-200028

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#10

Phenol

Concen: 2.114 ng

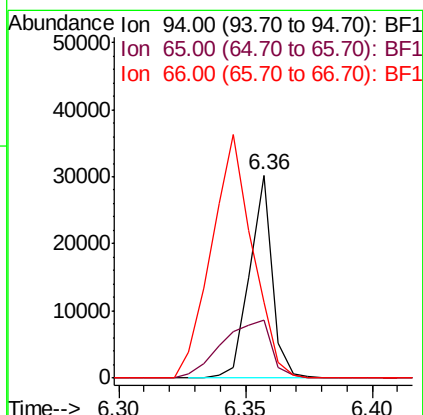
RT: 6.36 min Scan# 726

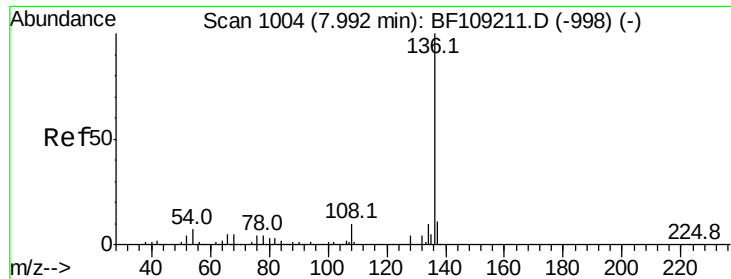
Delta R.T. -0.02 min

Lab File: BF109343.D

Acq: 26 Sep 2018 18:11

Tgt Ion:	94	Resp:	18880
Ion Ratio	Lower	Upper	
94	100		
65	28.6	7.9	47.9
66	37.6	16.2	56.2





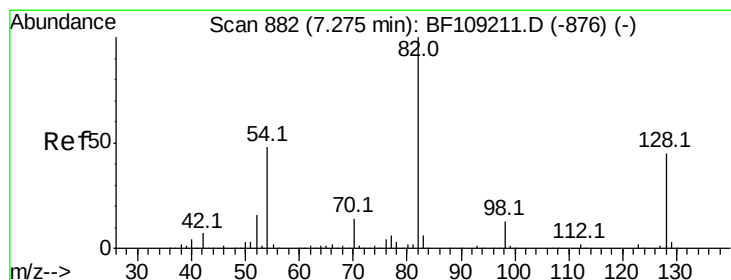
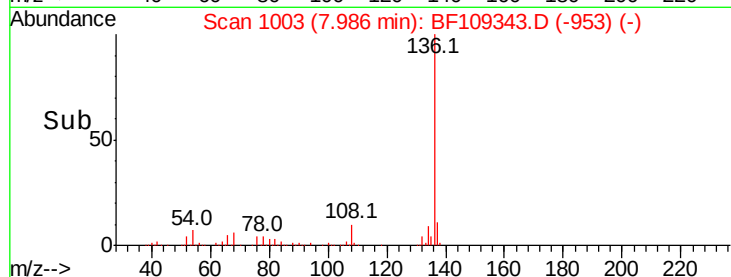
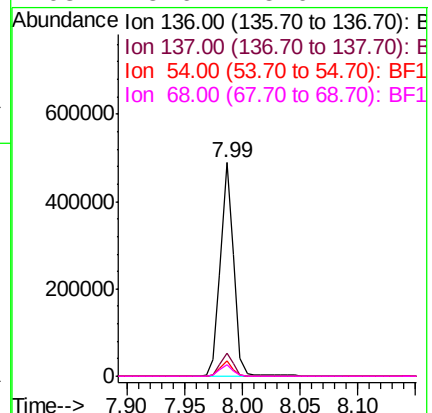
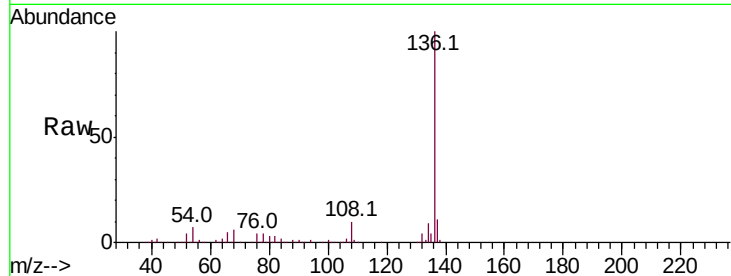
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.99 min Scan# 1003
Delta R.T. -0.01 min
Lab File: BF109343.D
Acq: 26 Sep 2018 18:11

Instrument :
BNA_F
ClientSampleId :
CS-RBR-200028

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.8	8.9	13.3	
54	7.2	6.6	9.8	
68	5.6	5.0	7.4	

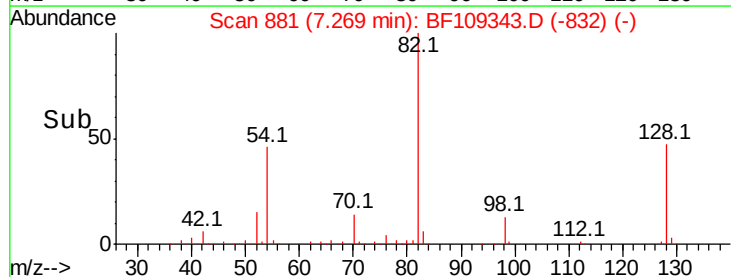
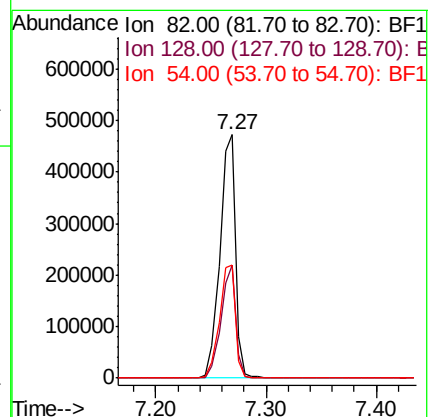
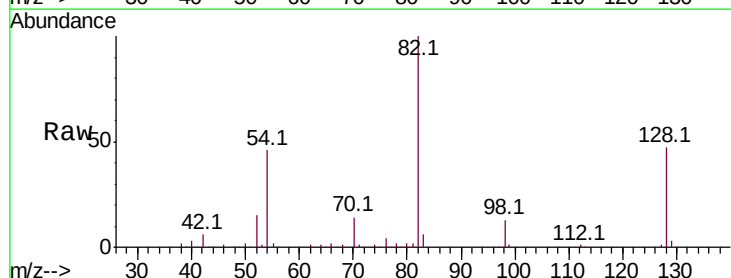
Manual Integrations
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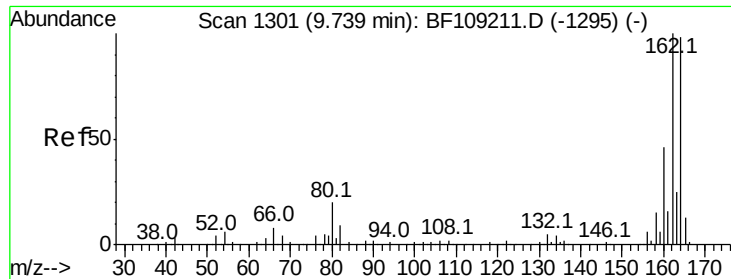
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#23
Nitrobenzene-d5
Concen: 69.395 ng
RT: 7.27 min Scan# 881
Delta R.T. -0.01 min
Lab File: BF109343.D
Acq: 26 Sep 2018 18:11

Tgt Ion	Ratio	Resp	Lower	Upper
82	100			
128	46.5	36.1	54.1	
54	46.5	41.4	62.2	





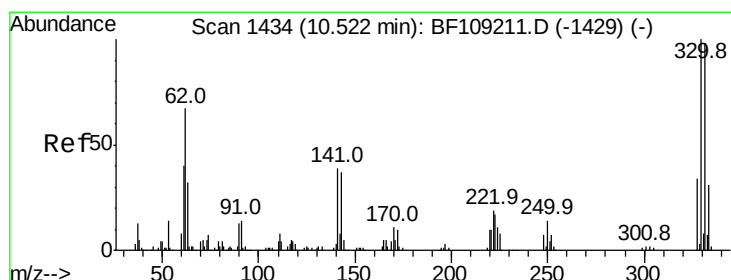
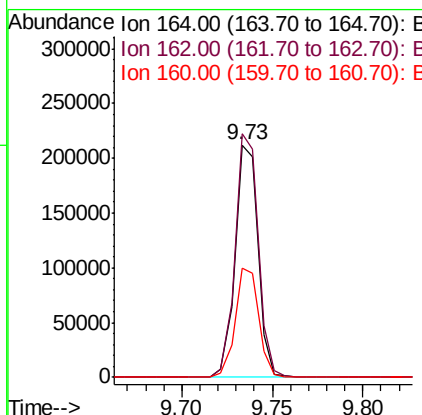
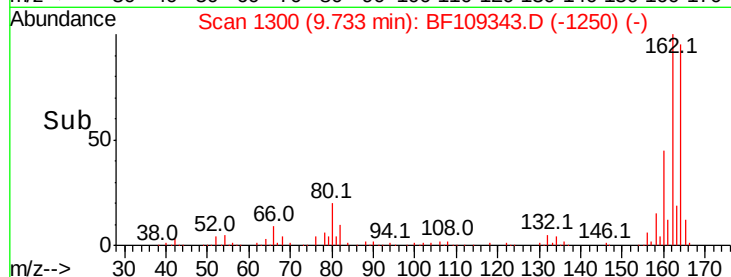
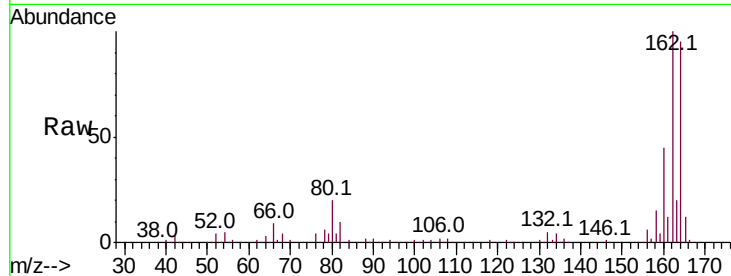
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.73 min Scan# 1300
Delta R.T. -0.01 min
Lab File: BF109343.D
Acq: 26 Sep 2018 18:11

Instrument :
BNA_F
ClientSampleId :
CS-RBR-200028

Tot Ion	Ratio	Resp	Lower	Upper
164	100	187549		
162	104.8	86.1	129.1	
160	46.7	38.3	57.5	

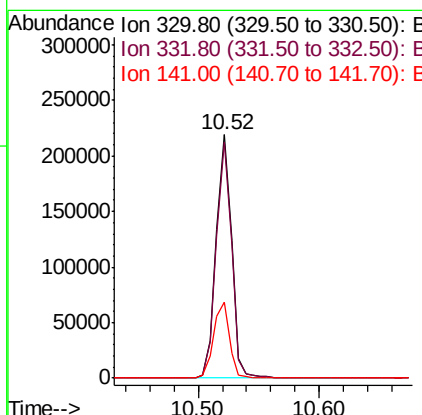
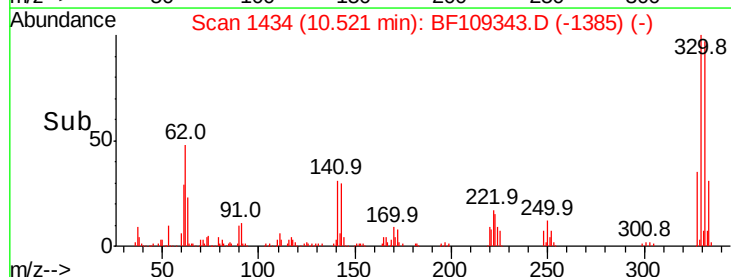
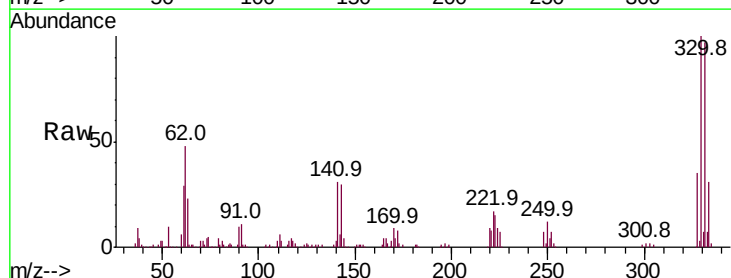
Manual Integrations
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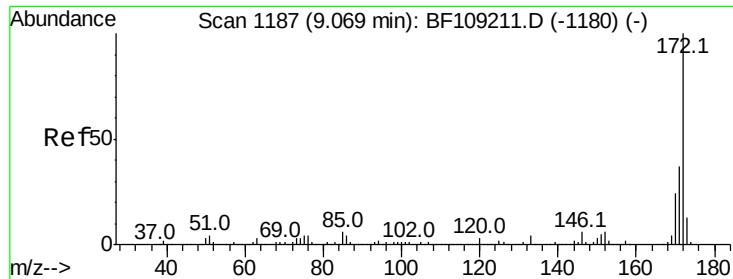
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#41
2,4,6-Tribromophenol
Concen: 103.747 ng
RT: 10.52 min Scan# 1434
Delta R.T. -0.01 min
Lab File: BF109343.D
Acq: 26 Sep 2018 18:11

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	191812		
332	96.7	77.0	115.6	
141	32.5	29.9	44.9	





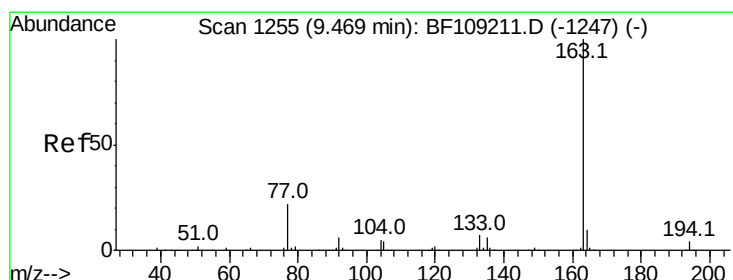
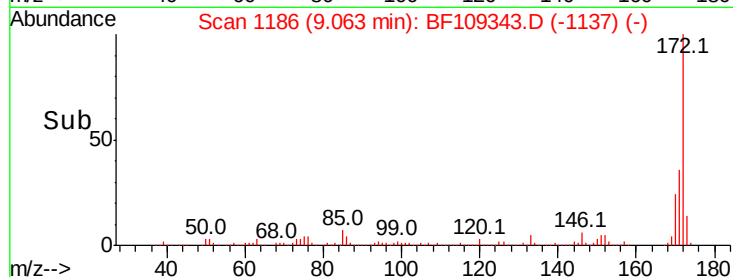
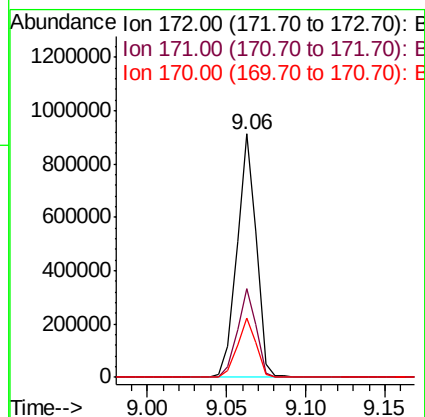
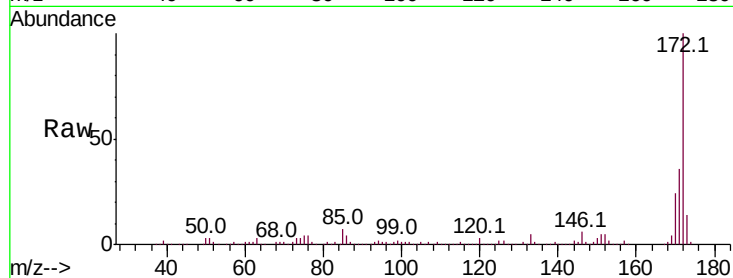
#44
2-Fluorobiphenyl
Concen: 61.611 ng
RT: 9.06 min Scan# 1186
Delta R.T. -0.01 min
Lab File: BF109343.D
Acq: 26 Sep 2018 18:11

Instrument :
BNA_F
ClientSampleId :
CS-RBR-200028

Tot Ion	Ratio	Resp	Lower	Upper
172	100	766158		
171	36.3		29.7	44.5
170	24.1		19.6	29.4

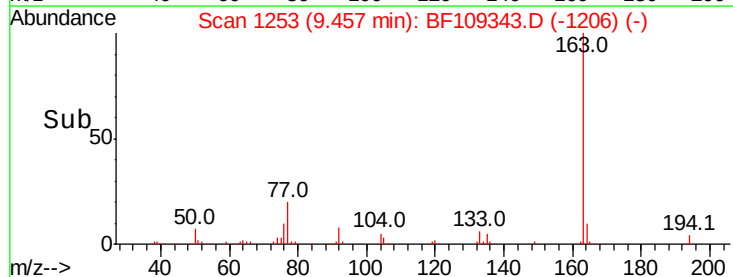
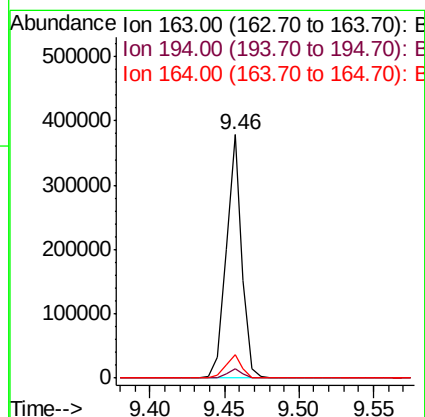
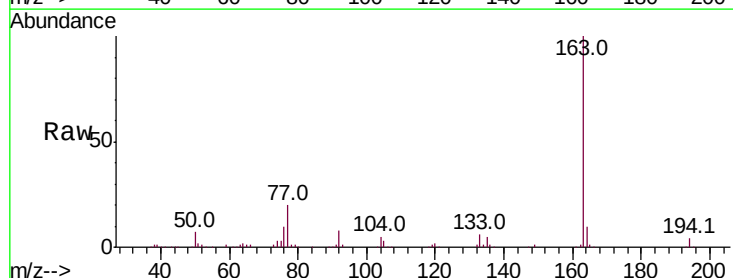
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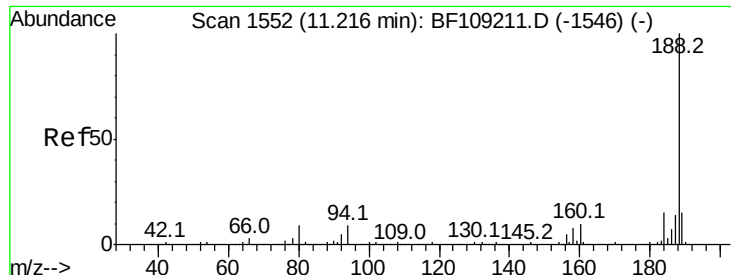
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#49
Dimethylphthalate
Concen: 20.372 ng
RT: 9.46 min Scan# 1253
Delta R.T. -0.02 min
Lab File: BF109343.D
Acq: 26 Sep 2018 18:11

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	277902		
194	3.8		2.7	4.1
164	9.5		8.2	12.2





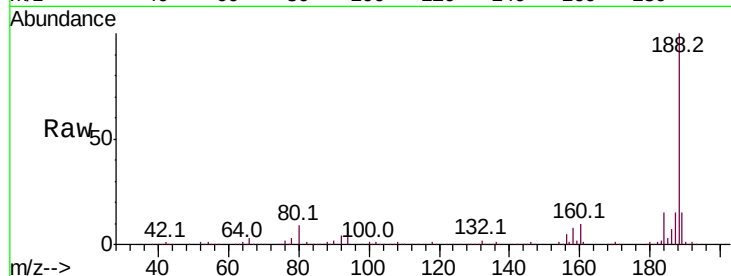
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.22 min Scan# 1552
Delta R.T. -0.00 min
Lab File: BF109343.D
Acq: 26 Sep 2018 18:11

Instrument :
BNA_F
ClientSampleId :
CS-RBR-200028

Tot Ion	Ratio	Resp	Lower	Upper
188	100	349773		
94	8.2		8.5	12.7#
80	8.7		9.2	13.8#

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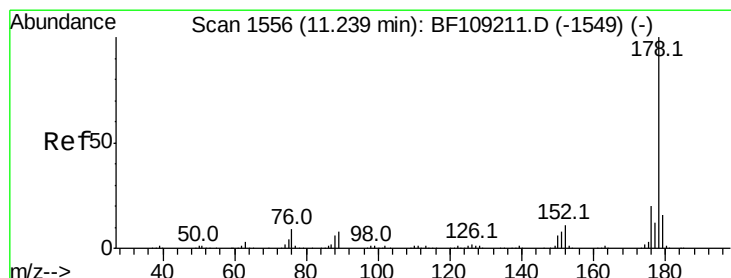
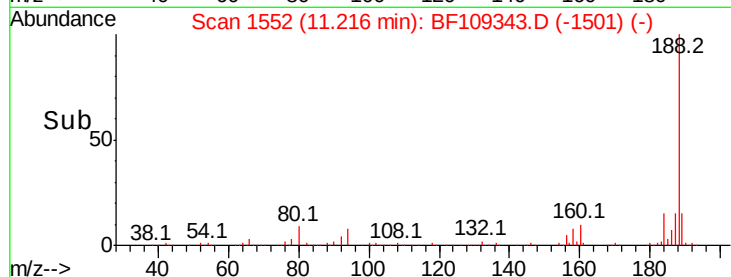
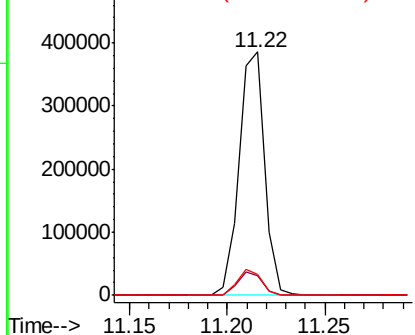


Abundance

Ion 188.00 (187.70 to 188.70): E

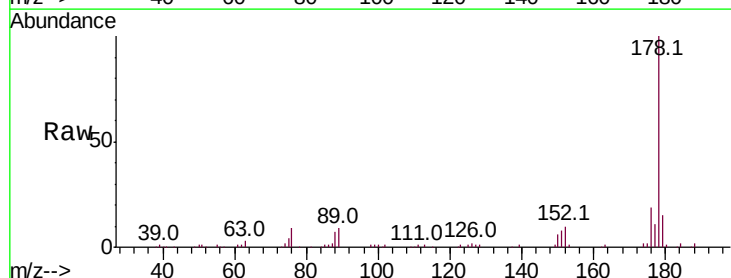
Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1



#70
Phenanthrene
Concen: 6.281 ng
RT: 11.23 min Scan# 1555
Delta R.T. -0.01 min
Lab File: BF109343.D
Acq: 26 Sep 2018 18:11

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	109691		
176	18.8		15.8	23.8
179	15.1		13.0	19.6

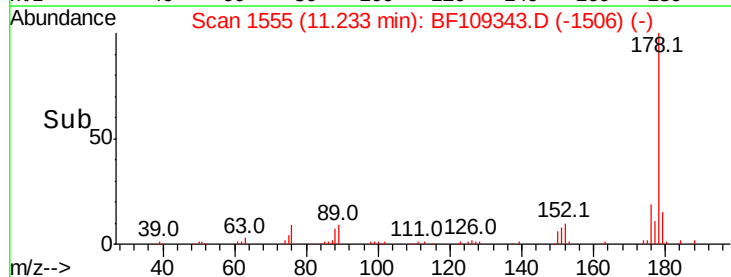
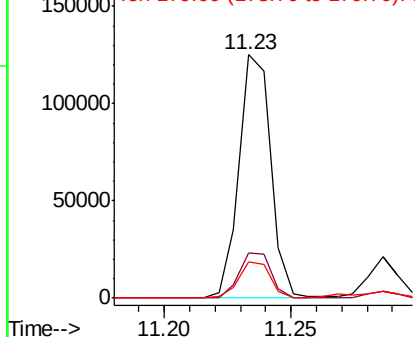


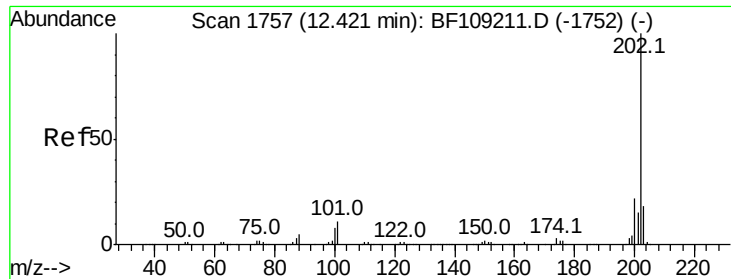
Abundance

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





#74

Fluoranthene

Concen: 9.040 ng

RT: 12.42 min Scan# 1757

Delta R.T. -0.01 min

Lab File: BF109343.D

Acq: 26 Sep 2018 18:11

Instrument :

BNA_F

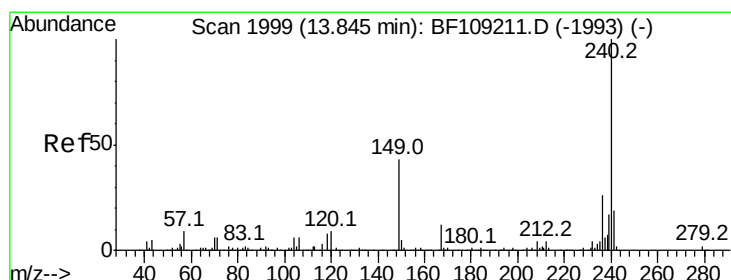
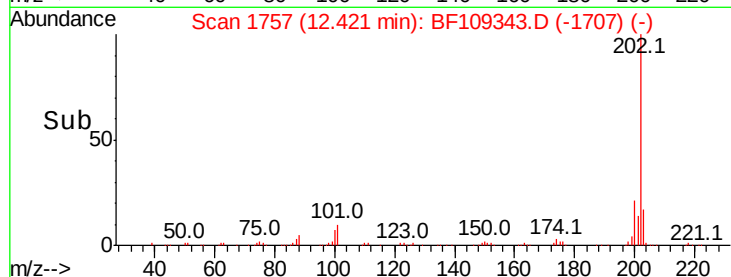
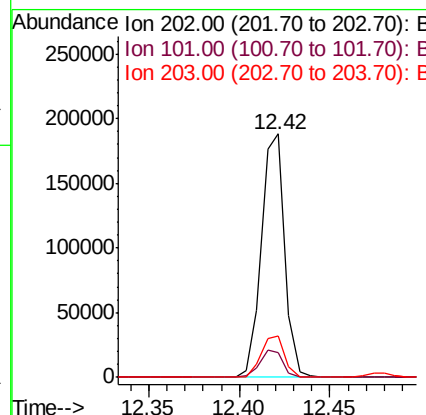
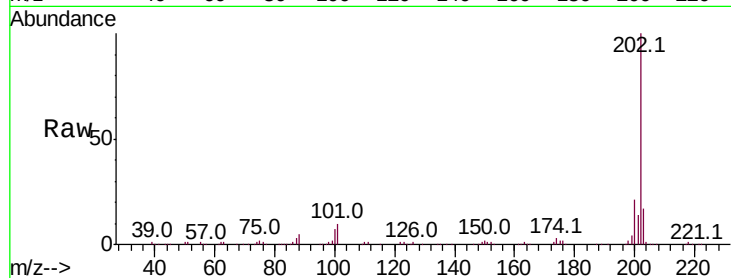
ClientSampleId :

CS-RBR-200028

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	10.2	0.0	34.1
203	17.1	0.0	38.1

Manual Integrations
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#75

Chrysene-d12

Concen: 20.000 ng

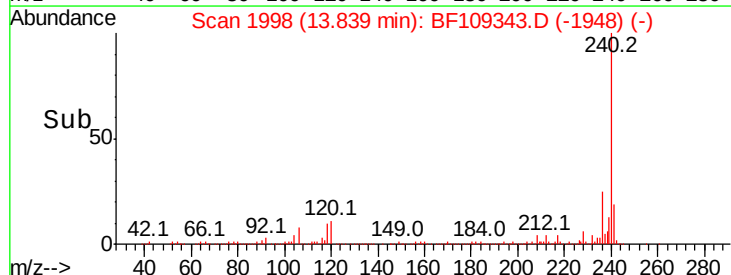
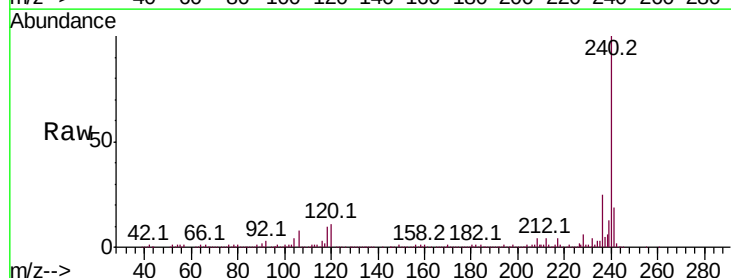
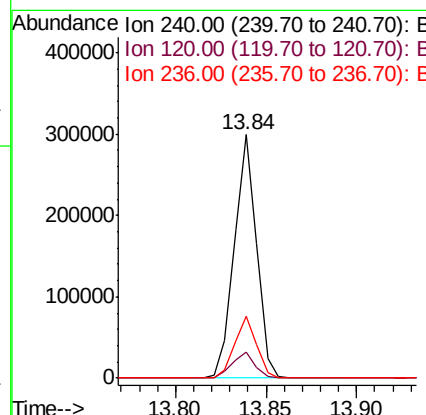
RT: 13.84 min Scan# 1998

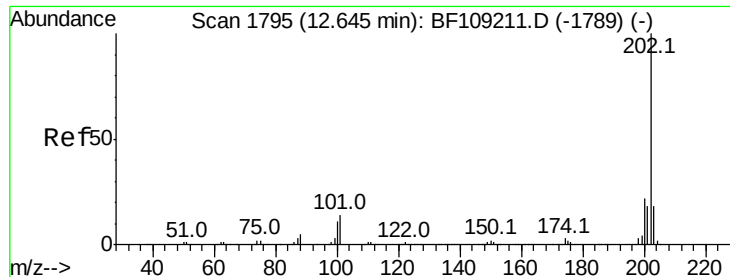
Delta R.T. -0.01 min

Lab File: BF109343.D

Acq: 26 Sep 2018 18:11

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	10.6	9.5	14.3
236	25.4	20.7	31.1





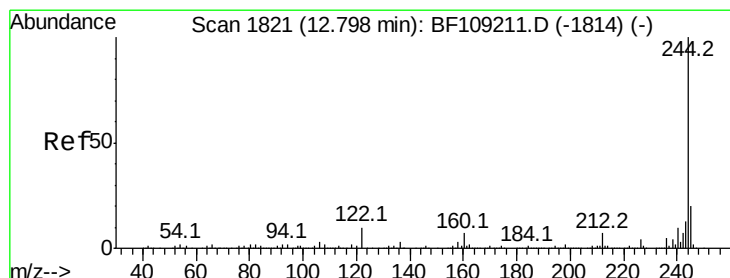
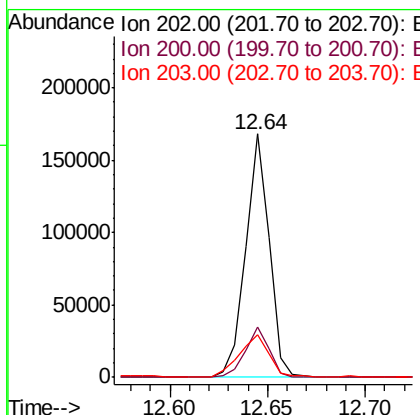
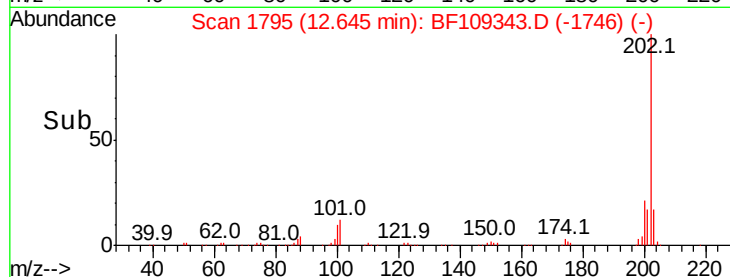
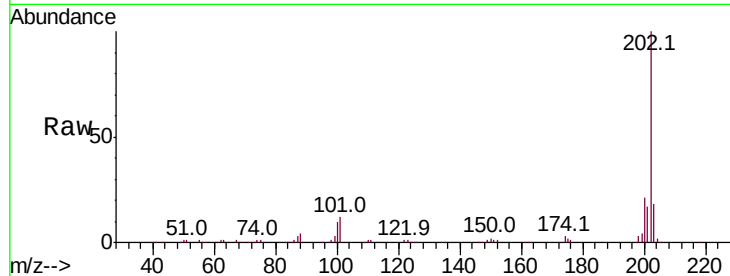
#77
Pvrene
Concen: 7.667 ng
RT: 12.64 min Scan# 1795
Delta R.T. -0.01 min
Lab File: BF109343.D
Acq: 26 Sep 2018 18:11

Instrument :
BNA_F
ClientSampleId :
CS-RBR-200028

Tot Ion	Ratio	Resp Lower	Upper
202	100		
200	20.7	17.4	26.2
203	17.5	14.3	21.5

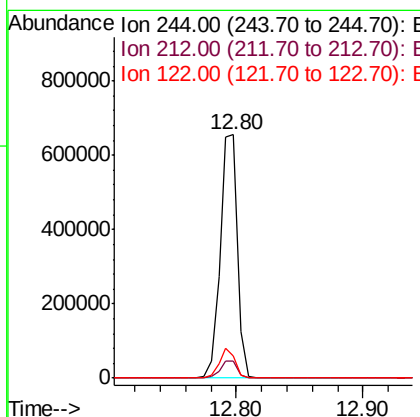
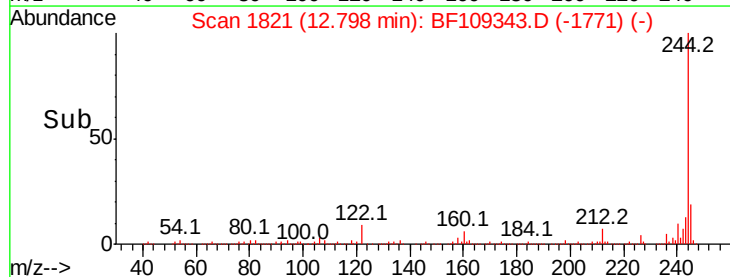
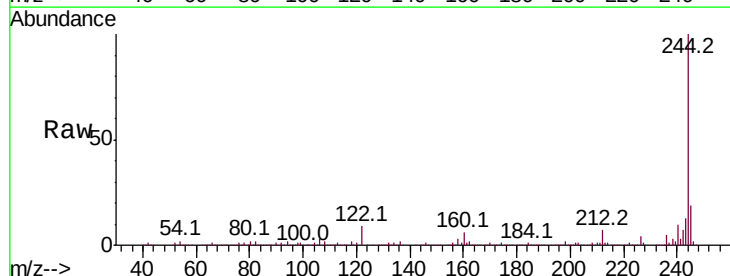
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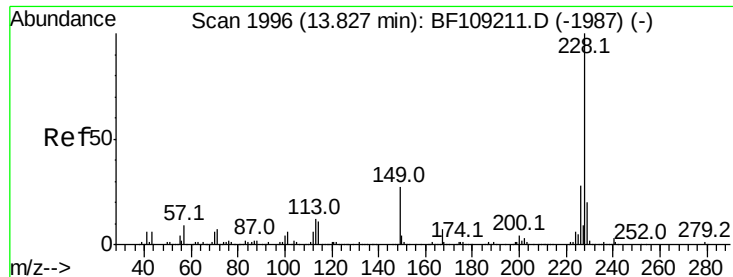
Sohil
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#78
Terphenyl-d14
Concen: 59.640 ng
RT: 12.80 min Scan# 1821
Delta R.T. -0.01 min
Lab File: BF109343.D
Acq: 26 Sep 2018 18:11

Tgt Ion	Ratio	Resp Lower	Upper
244	100		
212	6.7	5.4	8.0
122	9.3	11.0	16.4#





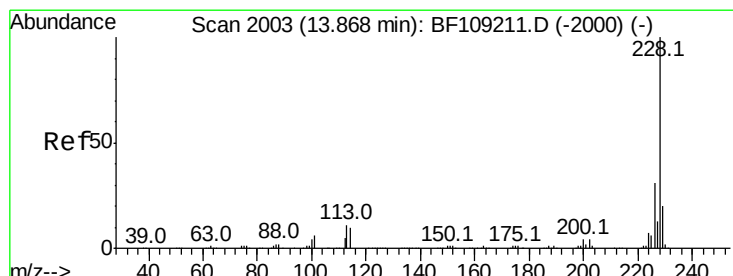
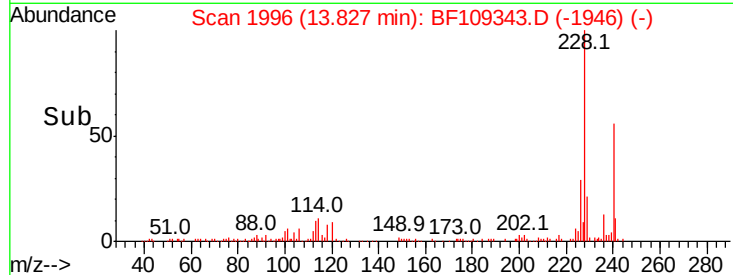
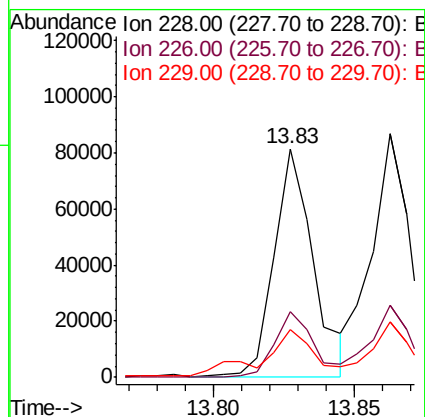
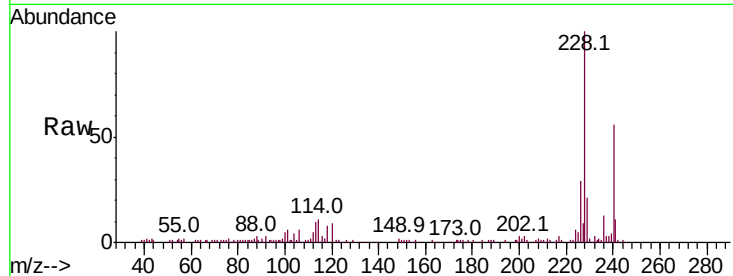
#80
Benzo(a)anthracene
Concen: 5.072 ng
RT: 13.83 min Scan# 1996
Delta R.T. -0.01 min
Lab File: BF109343.D
Acq: 26 Sep 2018 18:11

Instrument :
BNA_F
ClientSampleId :
CS-RBR-200028

Tot Ion:228	Resp:	78398
Ion Ratio	Lower	Upper
228 100		
226 28.6	22.6	33.8
229 20.7	15.8	23.6

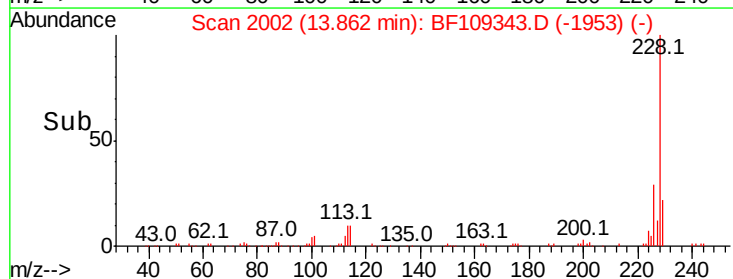
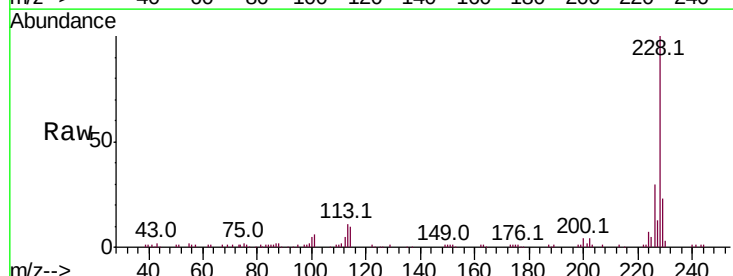
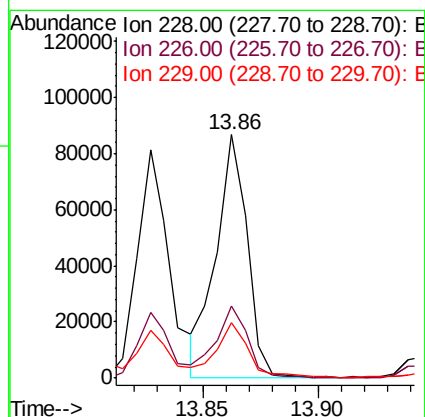
Manual Integrations
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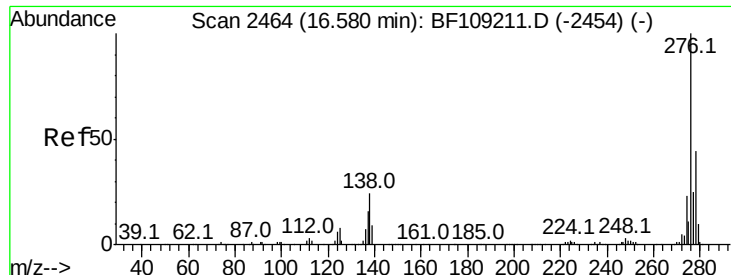
Sohil
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#82
Chrysene
Concen: 5.320 ng
RT: 13.86 min Scan# 2002
Delta R.T. -0.01 min
Lab File: BF109343.D
Acq: 26 Sep 2018 18:11

Tgt Ion:228	Resp:	81500
Ion Ratio	Lower	Upper
228 100		
226 29.6	25.0	37.6
229 22.7	16.2	24.4





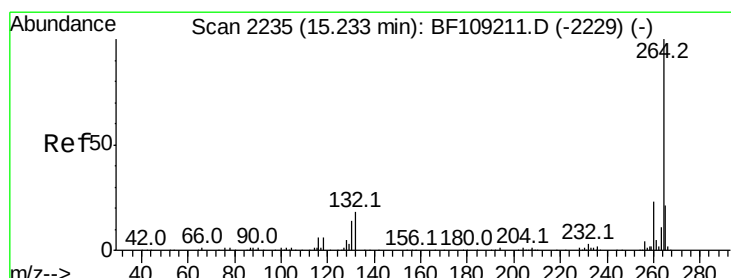
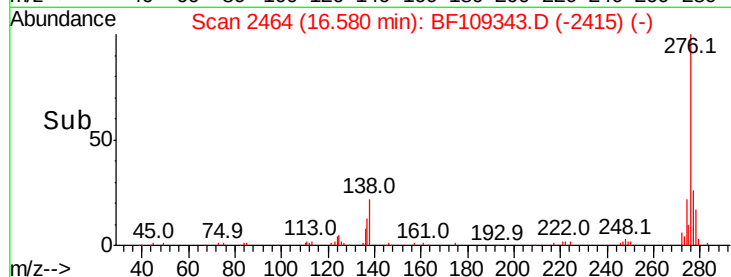
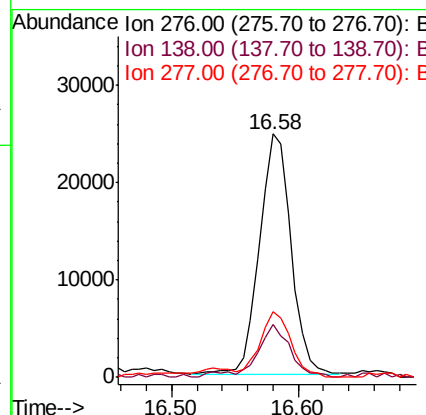
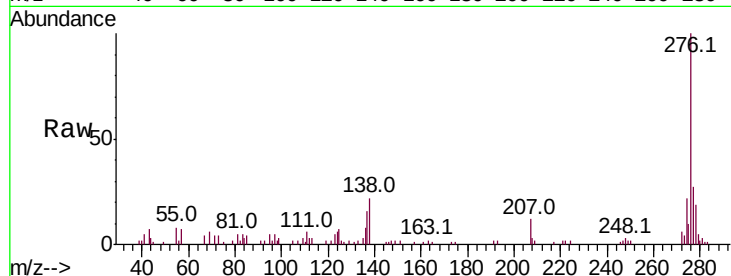
#85
Indeno(1,2,3-cd)pyrene
Concen: 3.458 ng/ml
RT: 16.58 min Scan# 2464
Delta R.T. -0.01 min
Lab File: BF109343.D
Acq: 26 Sep 2018 18:11

Instrument :
BNA_F
ClientSampleId :
CS-RBR-200028

Tot Ion	Ratio	Lower	Upper
276	100		
138	6.0	25.0	37.6#
277	5.5	20.1	30.1#

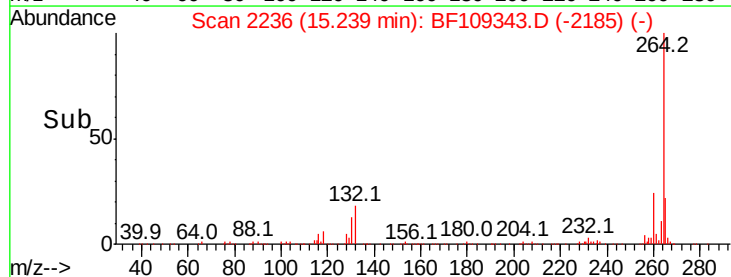
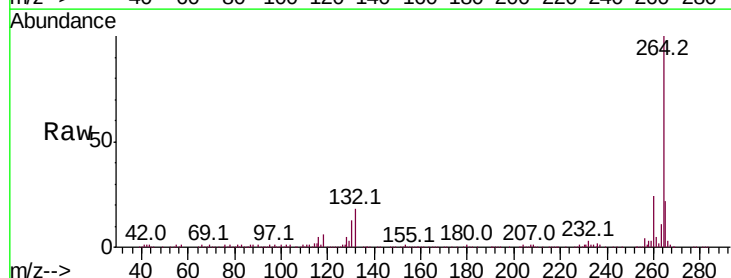
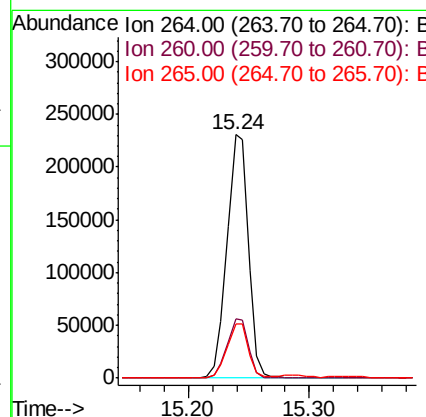
Manual Integrations
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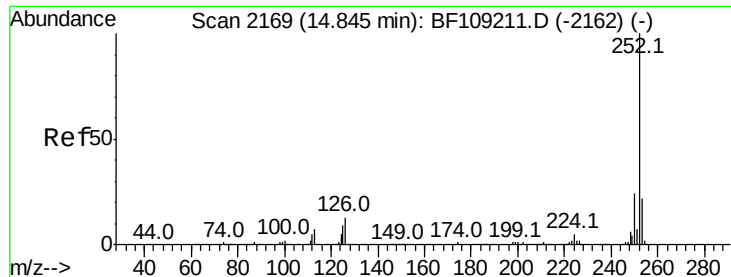
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#86
Perylene-d12
Concen: 20.000 ng
RT: 15.24 min Scan# 2236
Delta R.T. -0.00 min
Lab File: BF109343.D
Acq: 26 Sep 2018 18:11

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.2	28.8
265	22.3	17.5	26.3





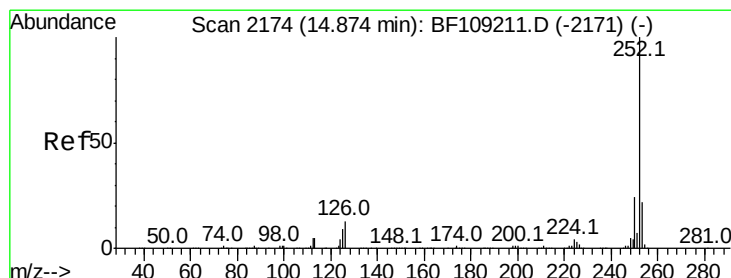
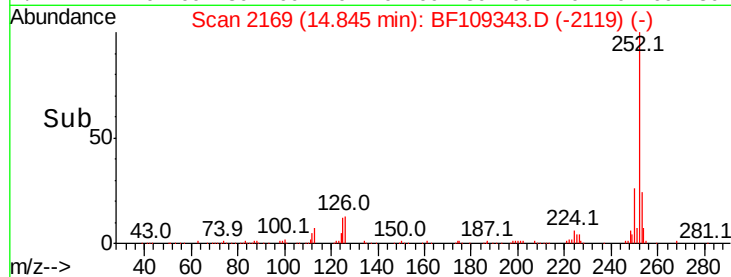
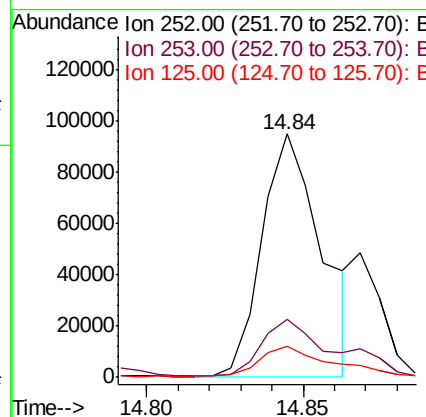
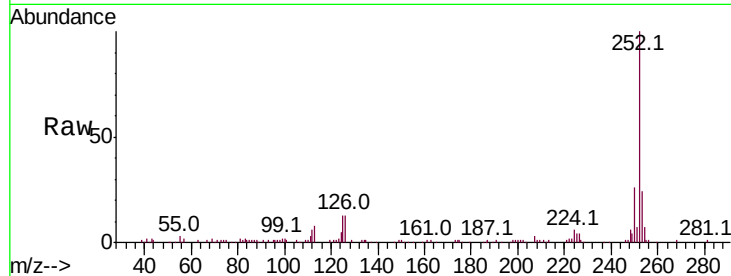
#87
Benzo(b)fluoranthene
Concen: 8.055 ng m
RT: 14.84 min Scan# 2169
Delta R.T. -0.01 min
Lab File: BF109343.D
Acq: 26 Sep 2018 18:11

Instrument :
BNA_F
ClientSampleId :
CS-RBR-200028

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.6	17.0	25.6
125	12.6	9.0	13.6

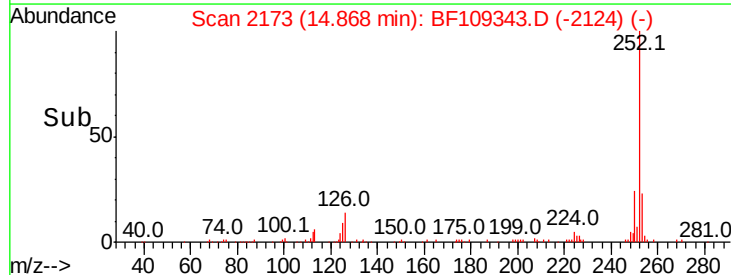
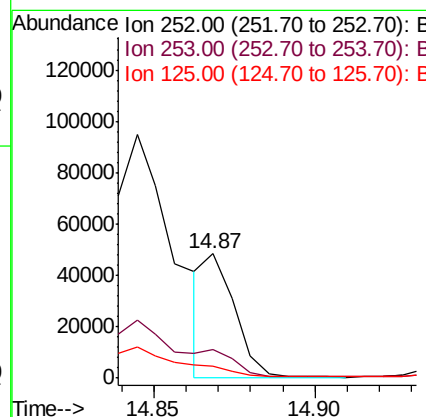
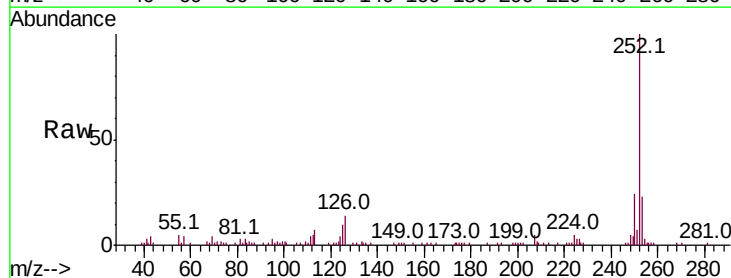
Manual Integrations
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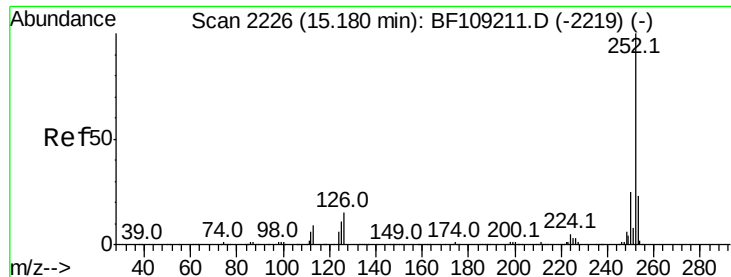
Sohil
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#88
Benzo(k)fluoranthene
Concen: 2.220 ng m
RT: 14.87 min Scan# 2173
Delta R.T. -0.01 min
Lab File: BF109343.D
Acq: 26 Sep 2018 18:11

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.4	17.9	26.9
125	9.9	10.2	15.2#





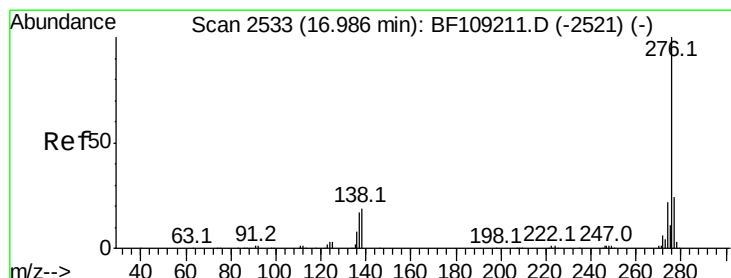
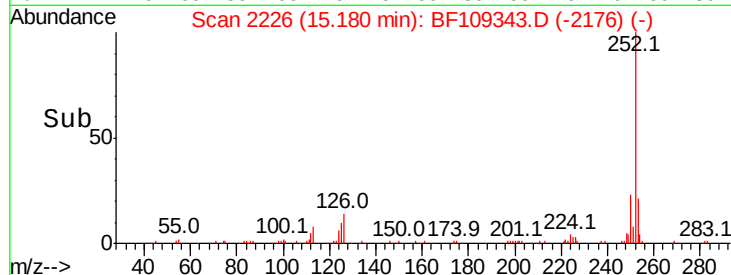
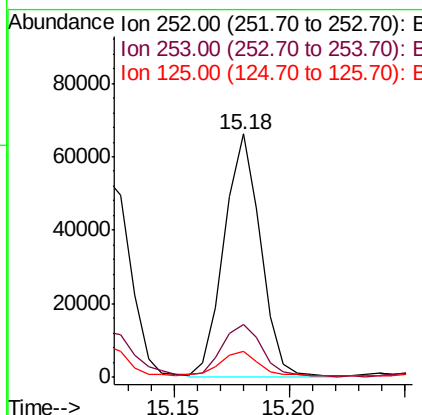
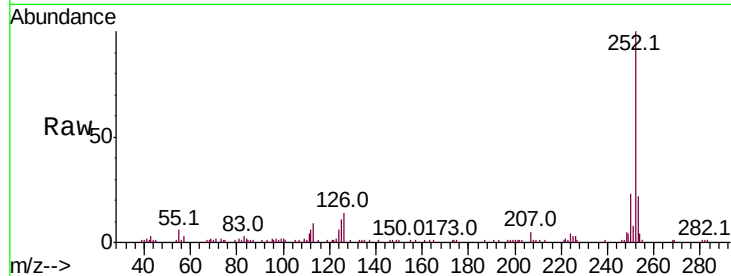
#89
Benzo(a)pyrene
Concen: 5.214 ng
RT: 15.18 min Scan# 2226
Delta R.T. -0.01 min
Lab File: BF109343.D
Acq: 26 Sep 2018 18:11

Instrument :
BNA_F
ClientSampleId :
CS-RBR-200028

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.1	25.7
125	10.9	9.8	14.6

Manual Integrations
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#91
Benzo(g,h,i)perylene
Concen: 3.393 ng
RT: 16.99 min Scan# 2533
Delta R.T. -0.01 min
Lab File: BF109343.D
Acq: 26 Sep 2018 18:11

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.8	17.9	26.9
138	21.8	21.8	32.8#

