

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100518\
 Data File : BF109619.D
 Acq On : 5 Oct 2018 20:07
 Operator : JU/SJ
 Sample : J5205-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TR-05-100418

Manual Integrations
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Quant Time: Oct 06 06:37:33 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	99000	20.00	ng	-0.01
21) Naphthalene-d8	7.98	136	401723	20.00	ng	-0.01
38) Acenaphthene-d10	9.73	164	182135	20.00	ng	-0.01
63) Phenanthrene-d10	11.21	188	297890	20.00	ng	0.00
75) Chrysene-d12	13.83	240	220889	20.00	ng	-0.01
86) Perylene-d12	15.24	264	223882	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	485794	80.82	ng	0.01
7) Phenol-d6	6.35	99	670092	87.37	ng	0.00
23) Nitrobenzene-d5	7.26	82	429978	63.18	ng	-0.02
41) 2,4,6-Tribromophenol	10.52	330	149652	83.35	ng	-0.02
44) 2-Fluorobiphenyl	9.06	172	794738	65.81	ng	-0.02
78) Terphenyl-d14	12.79	244	555001	61.66	ng	-0.02
Target Compounds						
10) Phenol	6.36	94	18257	2.102	ng	Qvalue # 47
49) Dimethylphthalate	9.45	163	77107	5.821	ng	99
70) Phenanthrene	11.23	178	160579	10.796	ng	99
71) Anthracene	11.29	178	40907	2.712	ng	98
74) Fluoranthene	12.42	202	259785	16.344	ng	95
77) Pyrene	12.64	202	225848	14.266	ng	99
80) Benzo(a)anthracene	13.83	228	101277	7.612	ng	98
82) Chrysene	13.86	228	101169	7.672	ng	97
85) Indeno(1,2,3-cd)pyrene	16.59	276	41508	3.883	ng	# 87
87) Benzo(b)fluoranthene	14.84	252	115293m	9.372	ng	
88) Benzo(k)fluoranthene	14.86	252	49571m	4.246	ng	
89) Benzo(a)pyrene	15.18	252	87279	7.873	ng	98
91) Benzo(a,h,i)perylene	16.99	276	40317m	4.511	ng	

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

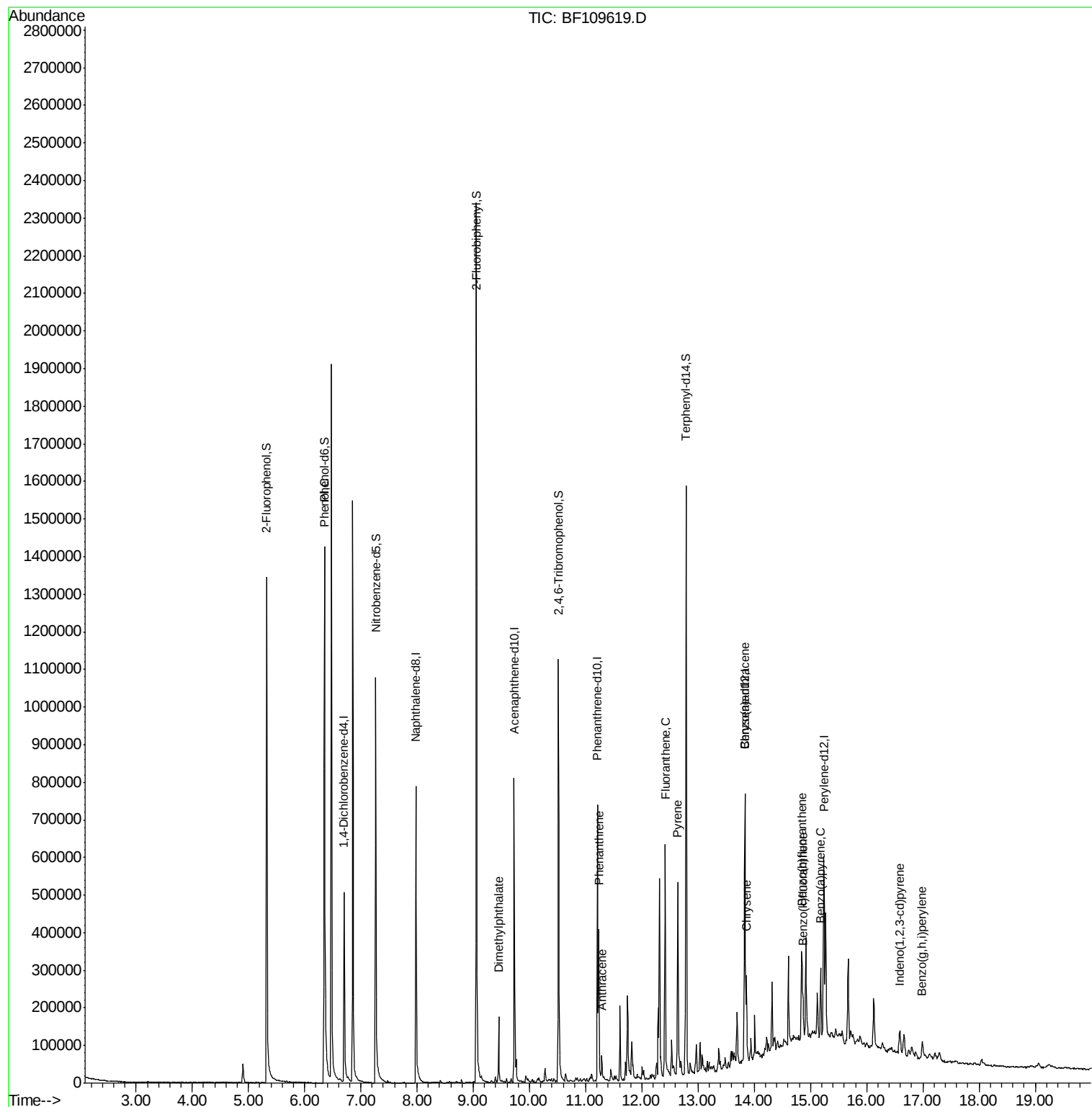
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100518\
Data File : BF109619.D
Acq On : 5 Oct 2018 20:07
Operator : JU/SJ
Sample : J5205-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

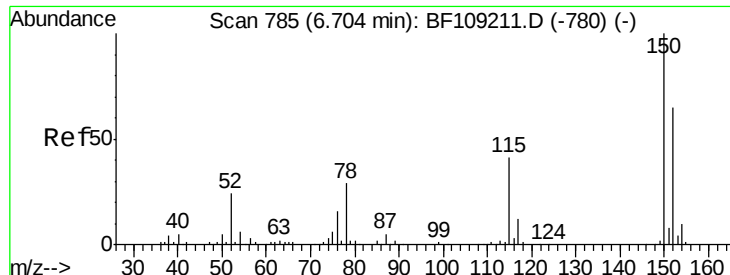
Instrument :
BNA_F
ClientSampleId :
TR-05-100418

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Quant Time: Oct 06 06:37:33 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF092218.M
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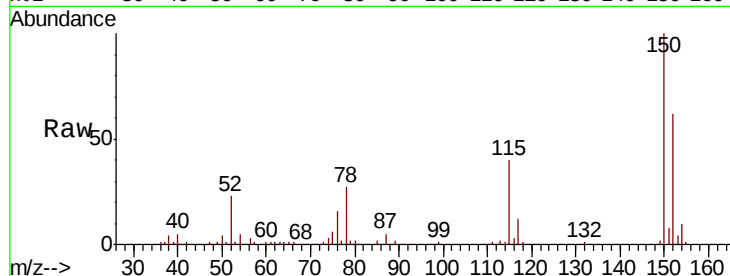
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.70 min Scan# 784
 Delta R.T. -0.01 min
 Lab File: BF109619.D
 Acq: 5 Oct 2018 20:07

Instrument :
 BNA_F
 ClientSampleId :
 TR-05-100418

Tot Ion	Ratio	Lower	Upper
152	100		
150	162.6	124.6	186.8
115	65.1	50.1	75.1

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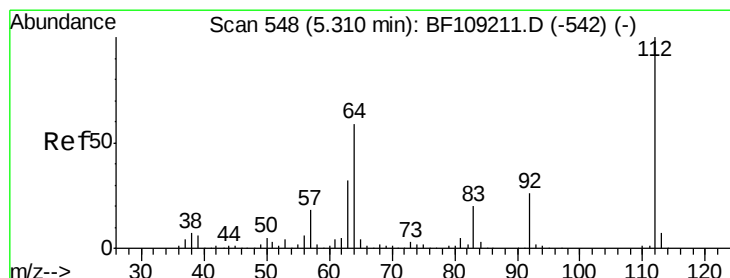
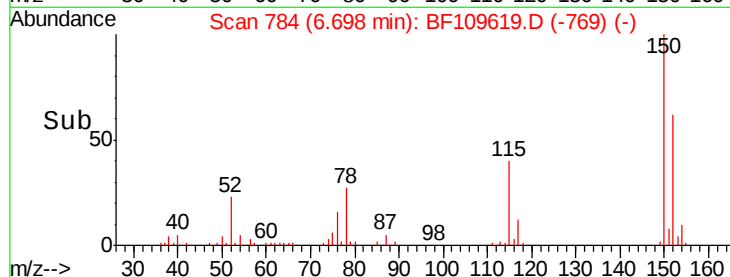
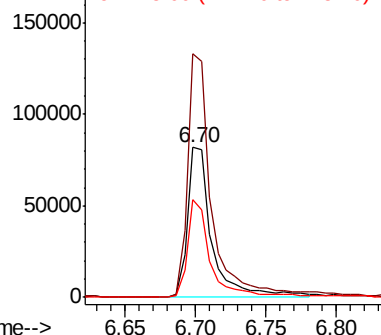


Abundance

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: 80.822 ng
 RT: 5.33 min Scan# 551
 Delta R.T. 0.01 min
 Lab File: BF109619.D
 Acq: 5 Oct 2018 20:07

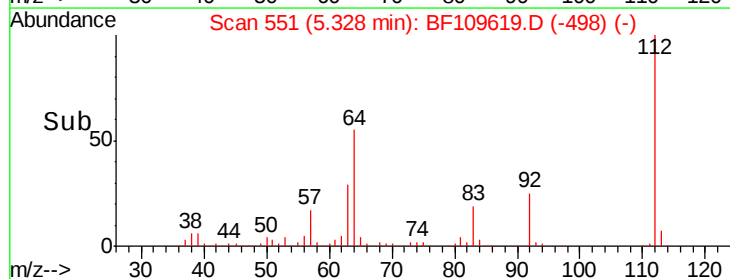
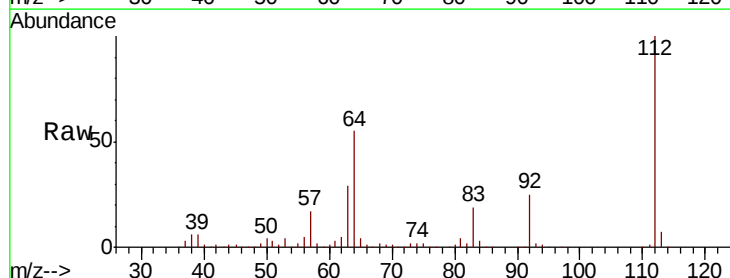
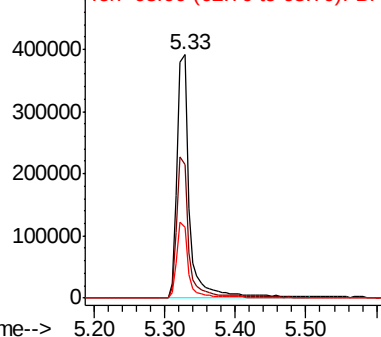
Tgt Ion	Ratio	Lower	Upper
112	100		
64	54.9	47.9	71.9
63	29.3	23.7	35.5

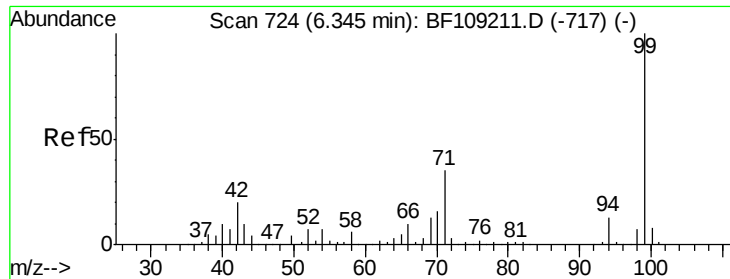
Abundance

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: 87.368 ng

RT: 6.35 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF109619.D

Acq: 5 Oct 2018 20:07

Instrument :

BNA_F

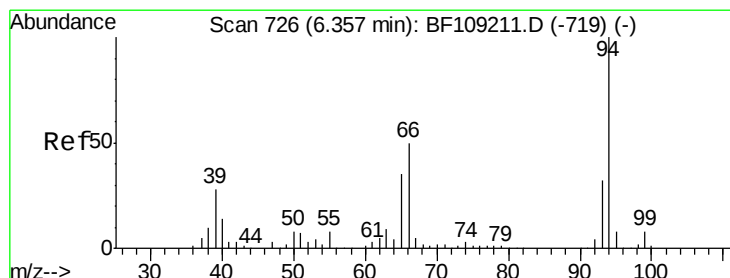
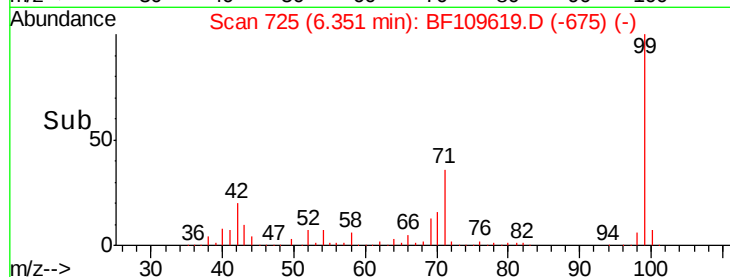
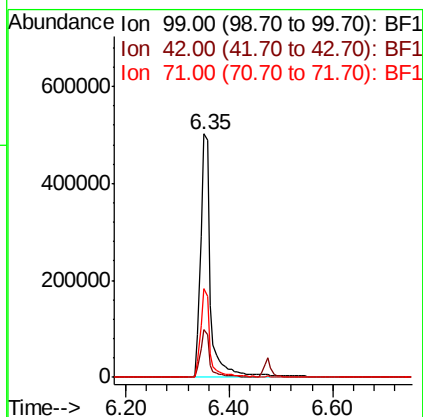
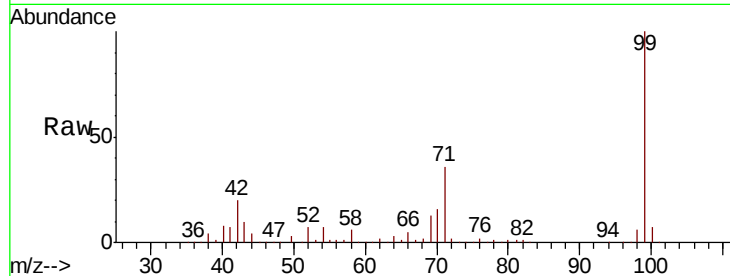
ClientSampleId :

TR-05-100418

Tot Ion:	99	Resp:	670092
Ion Ratio	Lower	Upper	
99	100		
42	19.8	14.5	21.7
71	36.4	25.4	38.0

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#10

Phenol

Concen: 2.102 ng

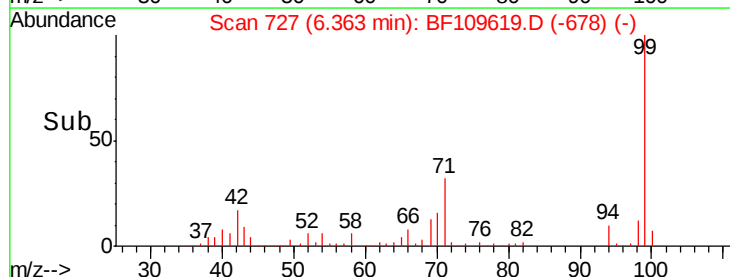
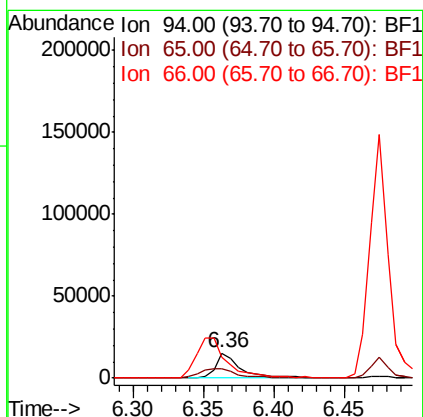
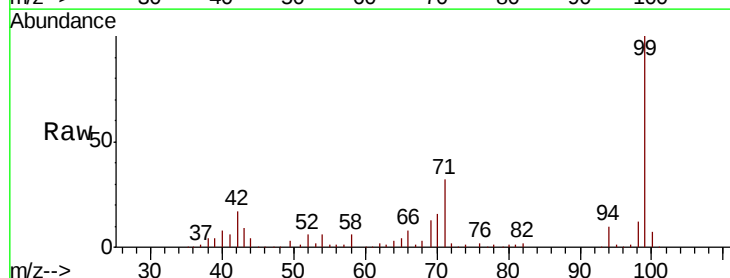
RT: 6.36 min Scan# 727

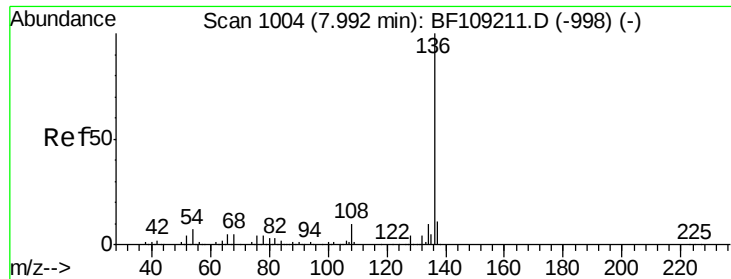
Delta R.T. -0.01 min

Lab File: BF109619.D

Acq: 5 Oct 2018 20:07

Tgt Ion:	94	Resp:	18257
Ion Ratio	Lower	Upper	
94	100		
65	37.6	7.9	47.9
66	83.3	16.2	56.2#





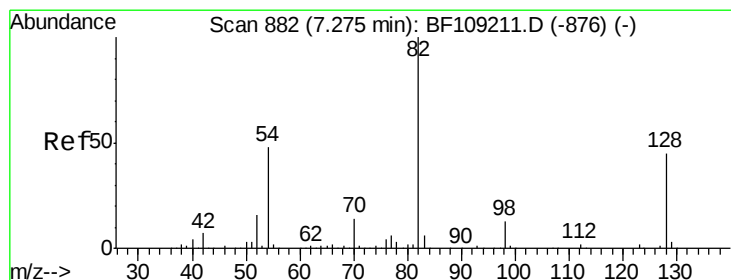
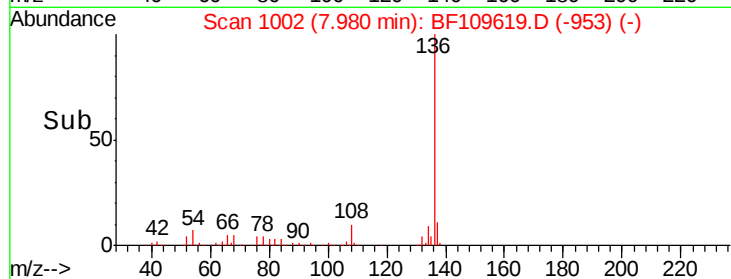
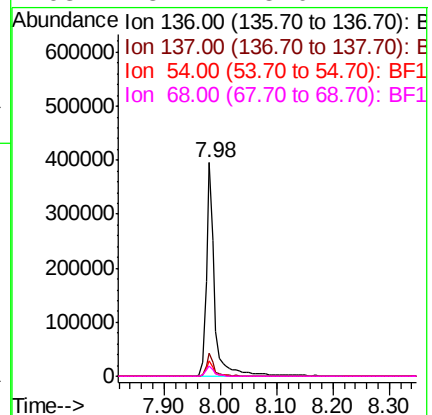
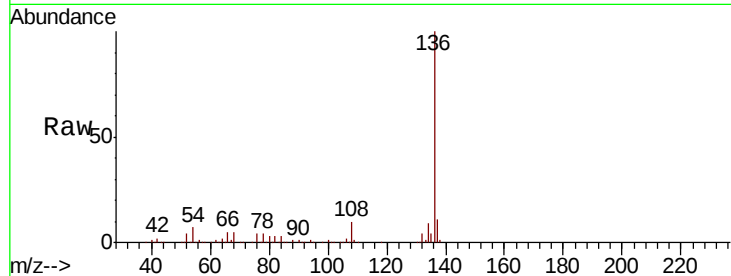
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.98 min Scan# 1002
Delta R.T. -0.01 min
Lab File: BF109619.D
Acq: 5 Oct 2018 20:07

Instrument :
BNA_F
ClientSampleId :
TR-05-100418

Tot Ion	Ratio	Resp	Lower	Upper
136	100	401723		
137	10.9		8.9	13.3
54	7.0		6.6	9.8
68	5.1		5.0	7.4

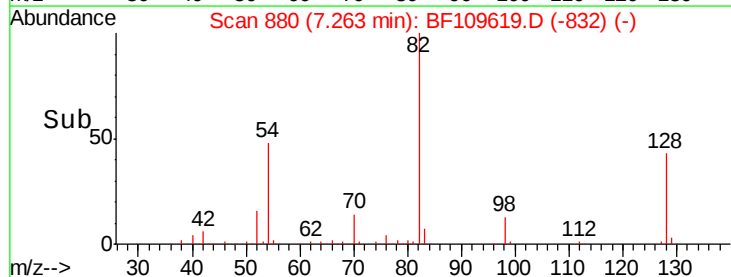
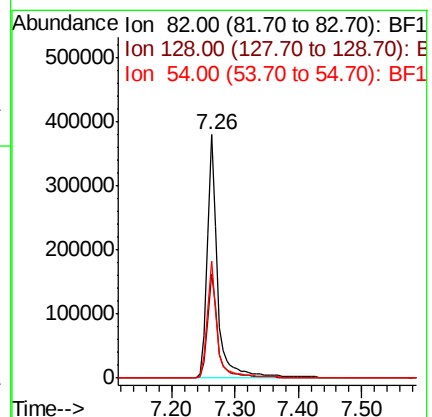
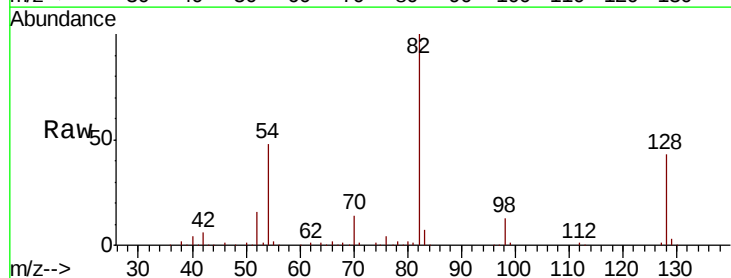
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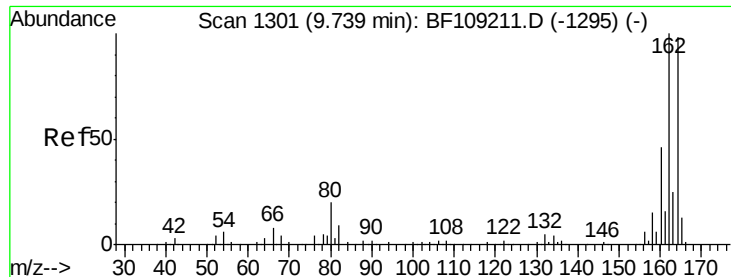
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#23
Nitrobenzene-d5
Concen: 63.183 ng
RT: 7.26 min Scan# 880
Delta R.T. -0.02 min
Lab File: BF109619.D
Acq: 5 Oct 2018 20:07

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	429978		
128	42.8		36.1	54.1
54	48.1		41.4	62.2





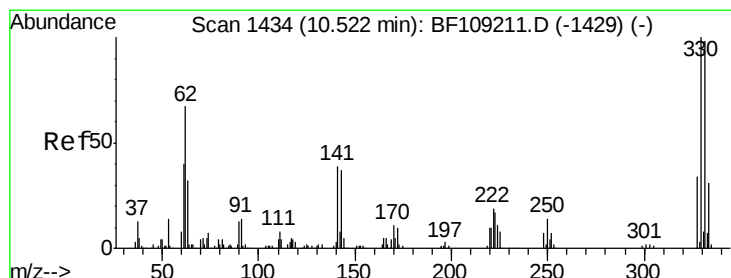
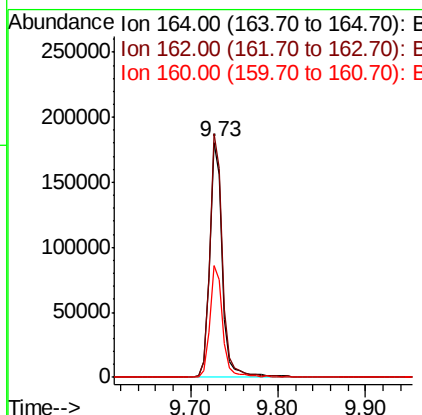
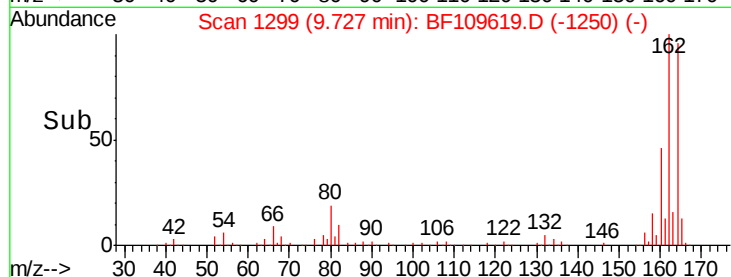
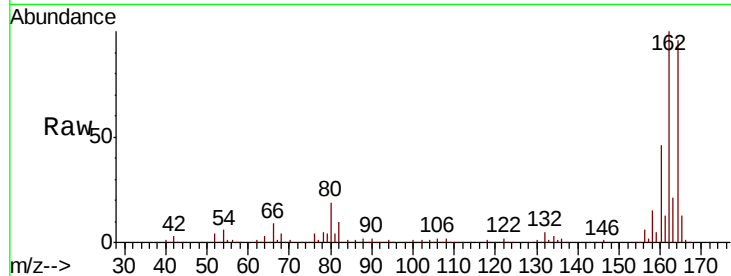
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.73 min Scan# 1299
 Delta R.T. -0.01 min
 Lab File: BF109619.D
 Acq: 5 Oct 2018 20:07

Instrument :
 BNA_F
 ClientSampleId :
 TR-05-100418

Tot Ion	Ratio	Lower	Upper
164	100		
162	103.6	86.1	129.1
160	47.5	38.3	57.5

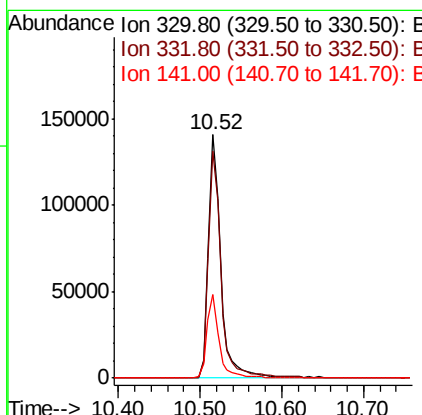
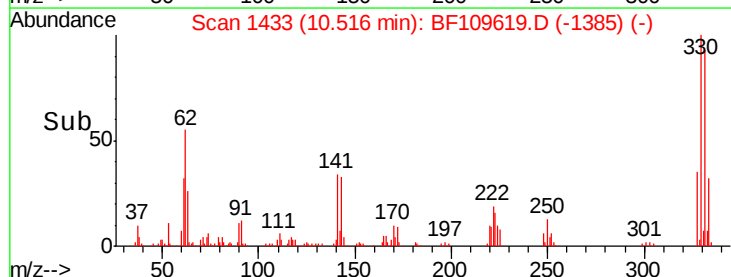
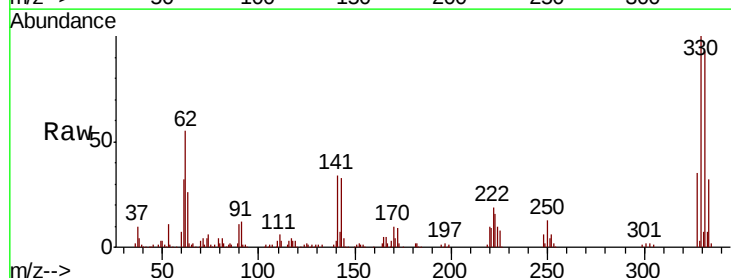
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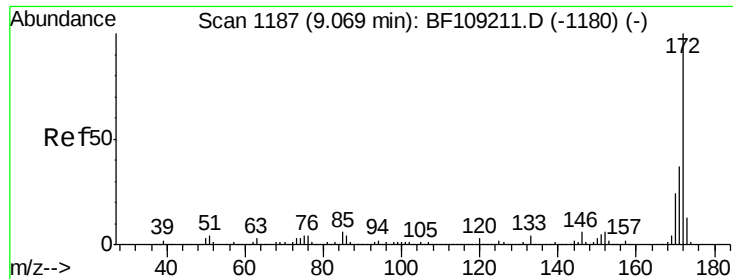
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#41
 2,4,6-Tribromophenol
 Concen: 83.350 ng
 RT: 10.52 min Scan# 1433
 Delta R.T. -0.02 min
 Lab File: BF109619.D
 Acq: 5 Oct 2018 20:07

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.1	77.0	115.6
141	34.3	29.9	44.9





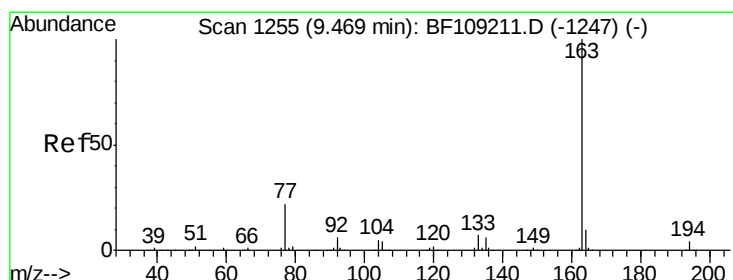
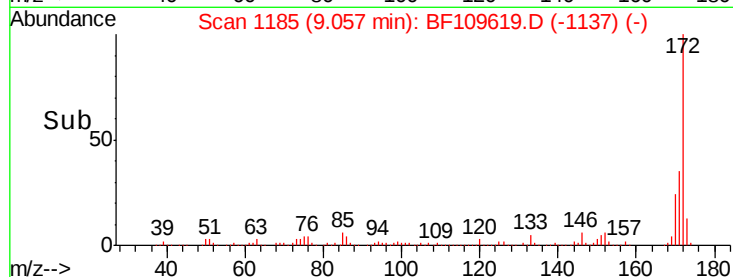
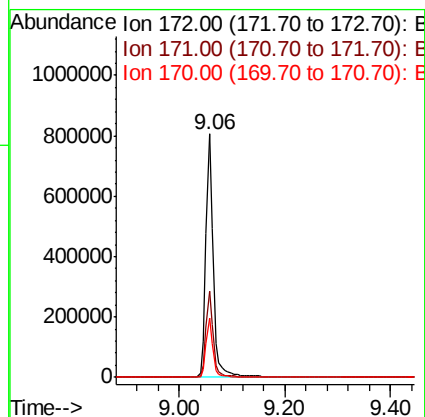
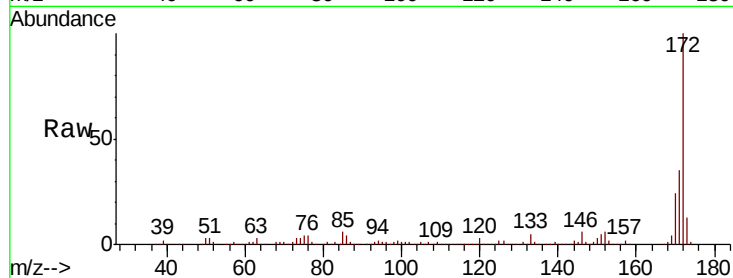
#44
2-Fluorobiphenyl
Concen: 65.809 ng
RT: 9.06 min Scan# 1185
Delta R.T. -0.02 min
Lab File: BF109619.D
Acq: 5 Oct 2018 20:07

Instrument :
BNA_F
ClientSampleId :
TR-05-100418

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.4	29.7	44.5
170	24.3	19.6	29.4

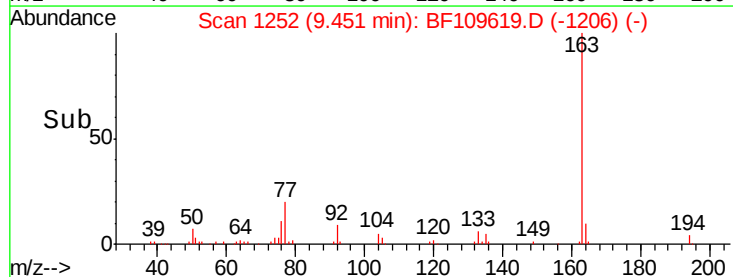
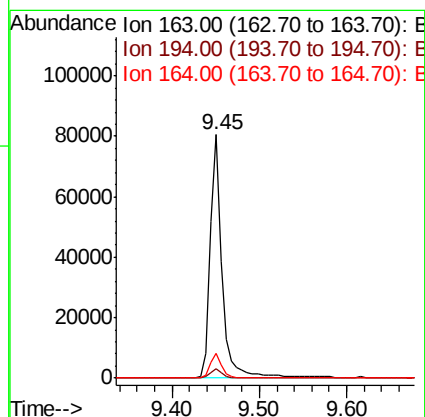
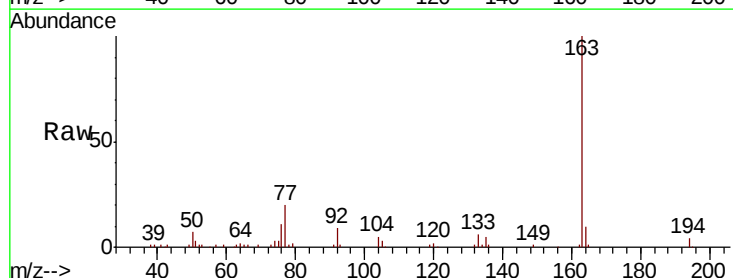
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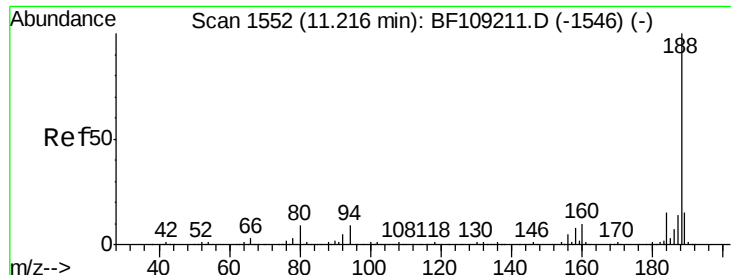
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#49
Dimethylphthalate
Concen: 5.821 ng
RT: 9.45 min Scan# 1252
Delta R.T. -0.03 min
Lab File: BF109619.D
Acq: 5 Oct 2018 20:07

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.9	2.7	4.1
164	9.9	8.2	12.2





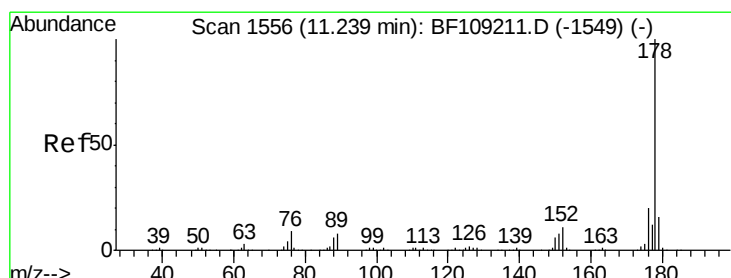
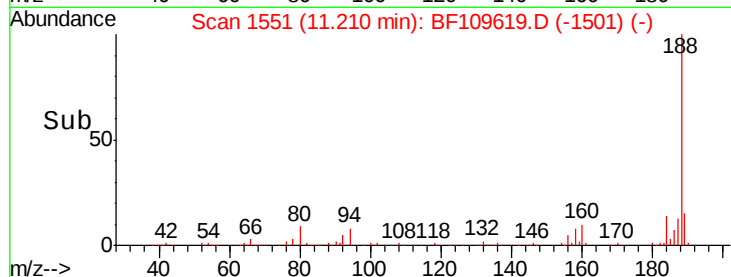
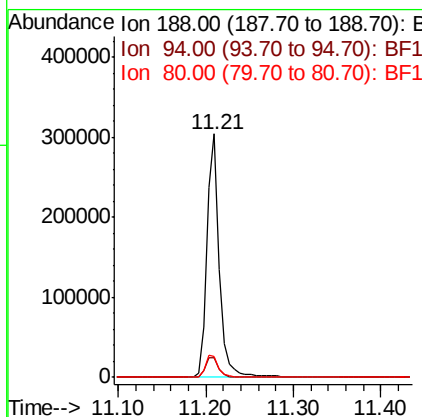
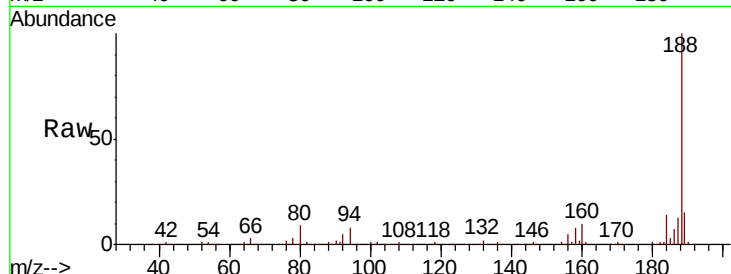
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.21 min Scan# 1551
Delta R.T. -0.01 min
Lab File: BF109619.D
Acq: 5 Oct 2018 20:07

Instrument :
BNA_F
ClientSampleId :
TR-05-100418

Tot Ion	Ratio	Resp	Lower	Upper
188	100	297890		
94	8.3		8.5	12.7#
80	8.8		9.2	13.8#

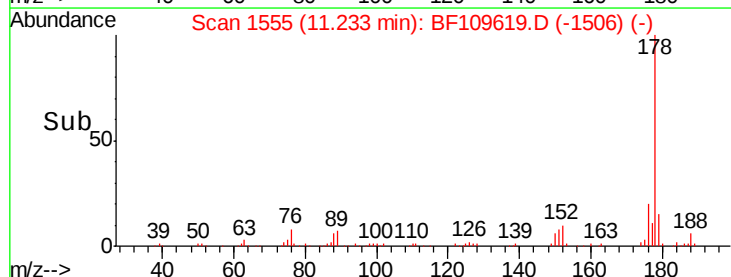
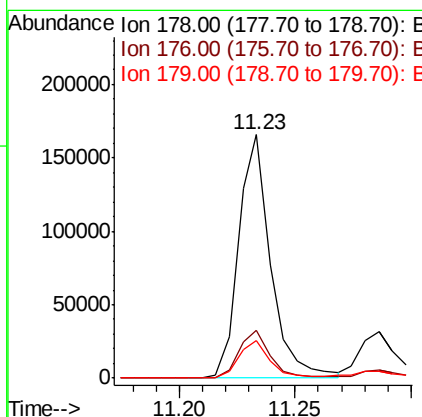
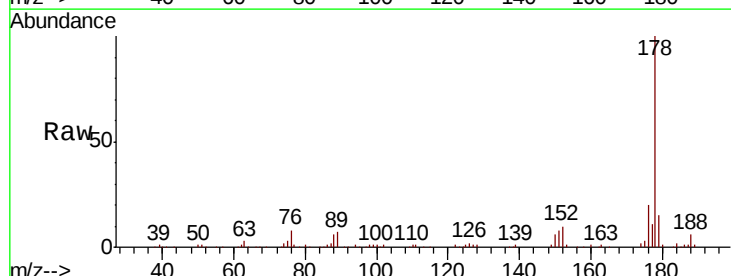
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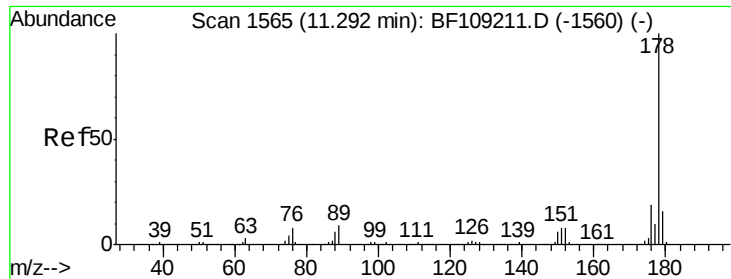
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#70
Phenanthrene
Concen: 10.796 ng
RT: 11.23 min Scan# 1555
Delta R.T. -0.01 min
Lab File: BF109619.D
Acq: 5 Oct 2018 20:07

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	160579		
176	19.6		15.8	23.8
179	15.3		13.0	19.6





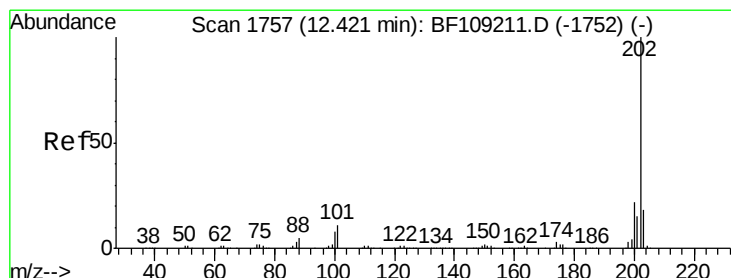
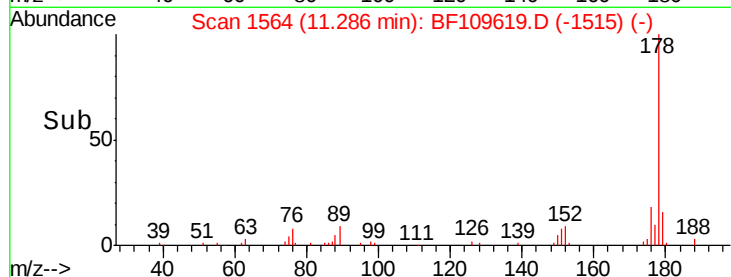
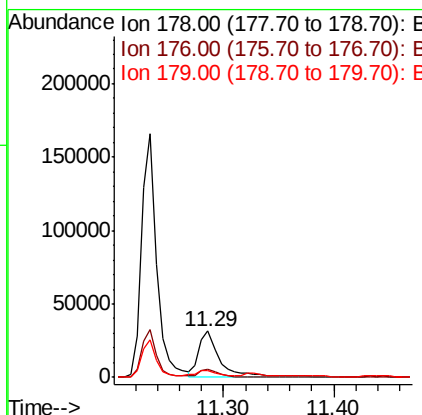
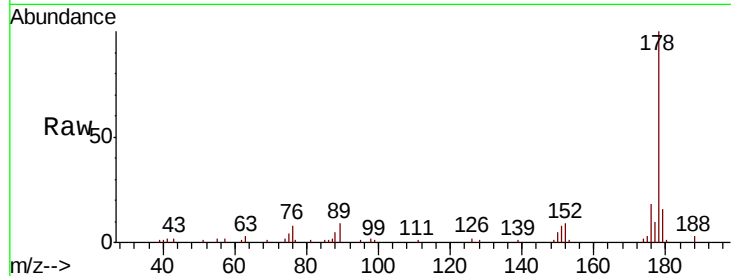
#71
 Anthracene
 Concen: 2.712 ng
 RT: 11.29 min Scan# 1564
 Delta R.T. -0.01 min
 Lab File: BF109619.D
 Acq: 5 Oct 2018 20:07

Instrument :
 BNA_F
 ClientSampleId :
 TR-05-100418

Tot Ion	Ratio	Lower	Upper
178	100		
176	17.7	15.4	23.2
179	15.8	12.6	19.0

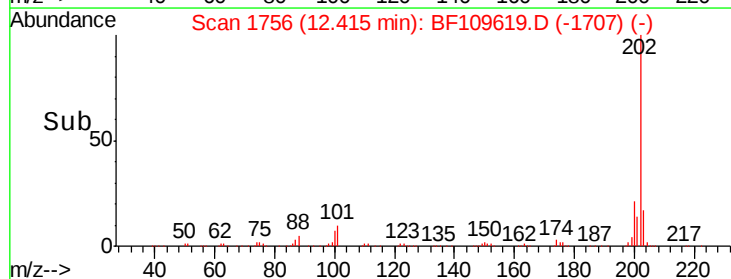
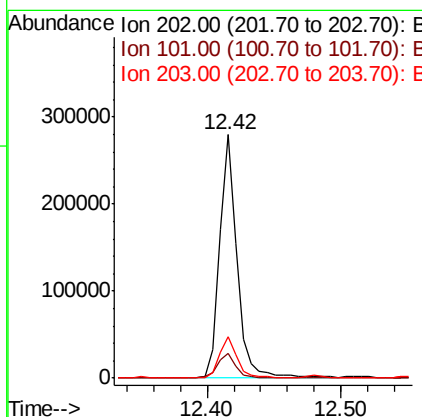
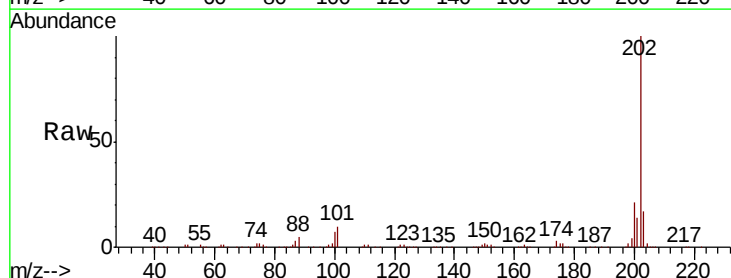
Manual Integrations
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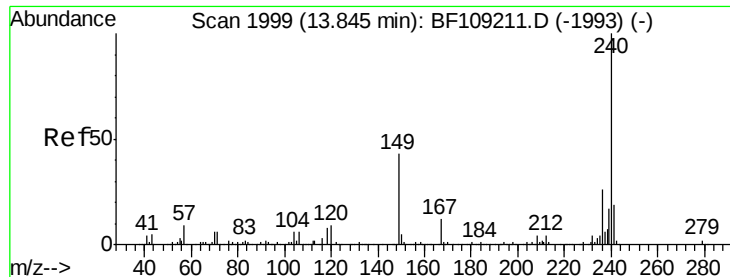
Sohil
 10/8/2018 12:21:23 PM



#74
 Fluoranthene
 Concen: 16.344 ng
 RT: 12.42 min Scan# 1756
 Delta R.T. -0.01 min
 Lab File: BF109619.D
 Acq: 5 Oct 2018 20:07

Tgt Ion	Ratio	Lower	Upper
202	100		
101	10.4	0.0	34.1
203	17.1	0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.83 min Scan# 1997

Delta R.T. -0.01 min

Lab File: BF109619.D

Acq: 5 Oct 2018 20:07

Instrument :

BNA_F

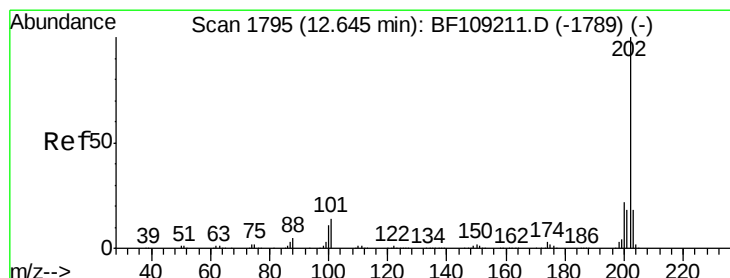
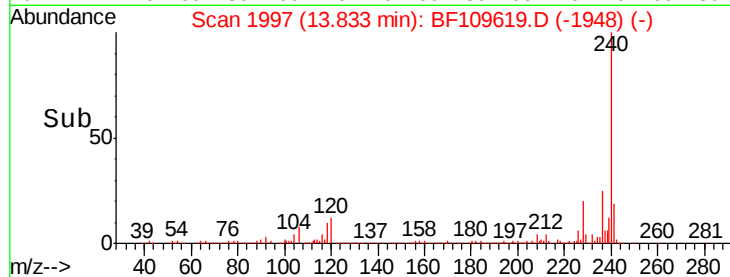
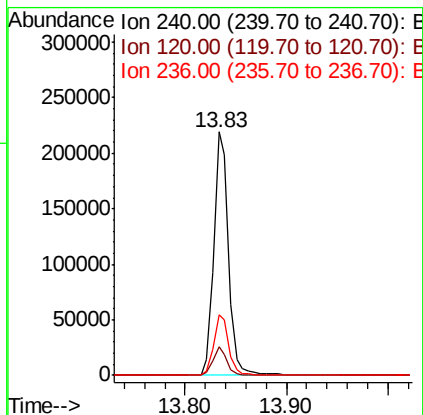
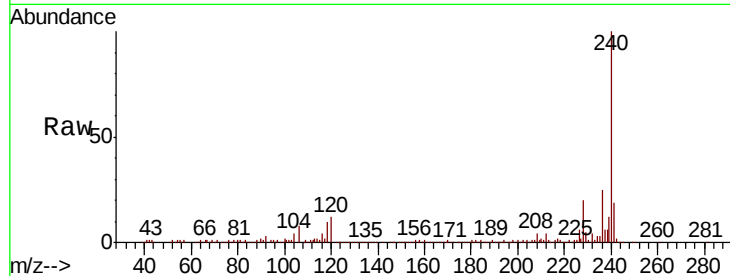
ClientSampleId :

TR-05-100418

Tot Ion:	240	Resp:	220889
Ion Ratio	Lower	Upper	
240	100		
120	11.8	9.5	14.3
236	25.1	20.7	31.1

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#77

Pyrene

Concen: 14.266 ng

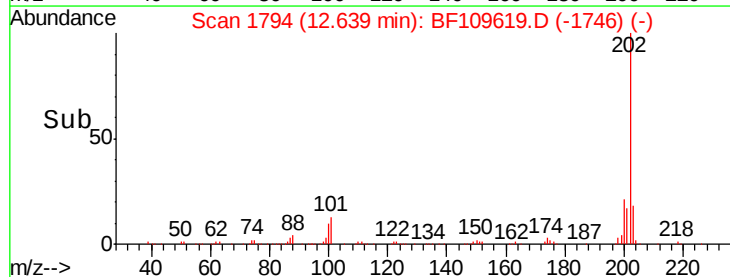
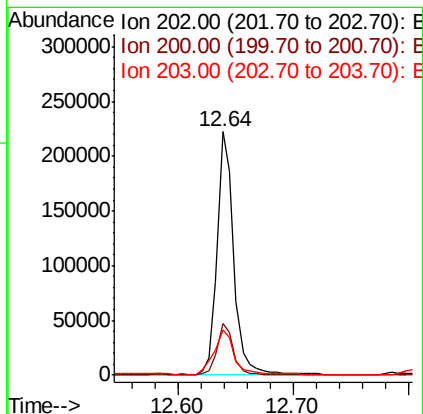
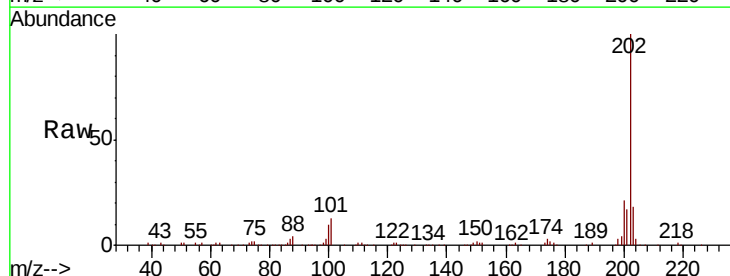
RT: 12.64 min Scan# 1794

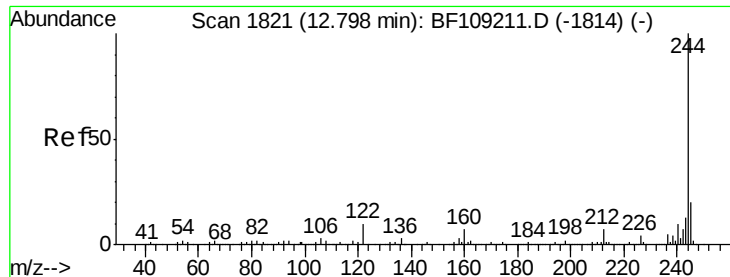
Delta R.T. -0.02 min

Lab File: BF109619.D

Acq: 5 Oct 2018 20:07

Tgt Ion:	202	Resp:	225848
Ion Ratio	Lower	Upper	
202	100		
200	21.3	17.4	26.2
203	18.4	14.3	21.5





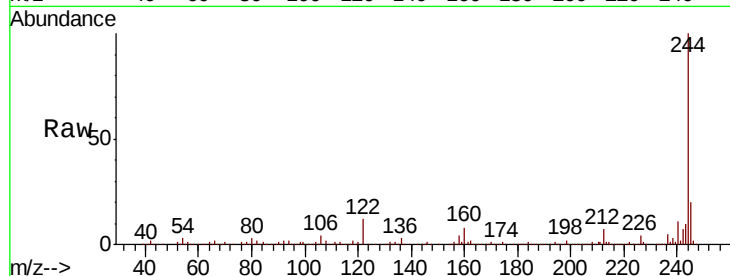
#78
 Terphenyl-d14
 Concen: 61.663 ng
 RT: 12.79 min Scan# 1819
 Delta R.T. -0.02 min
 Lab File: BF109619.D
 Acq: 5 Oct 2018 20:07

Instrument :
 BNA_F
 ClientSampleId :
 TR-05-100418

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.4	8.0
122	11.9	11.0	16.4

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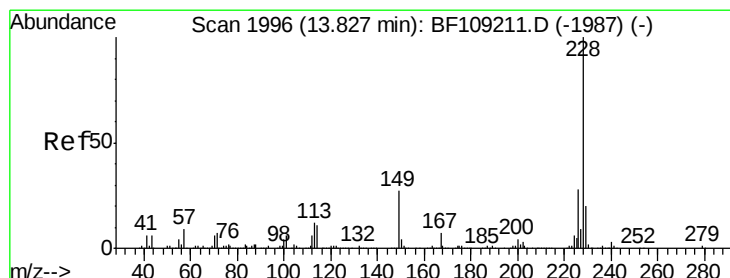
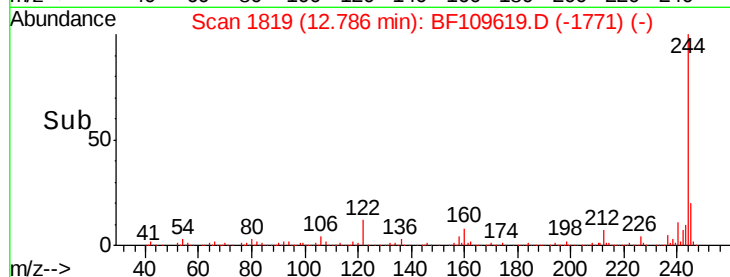
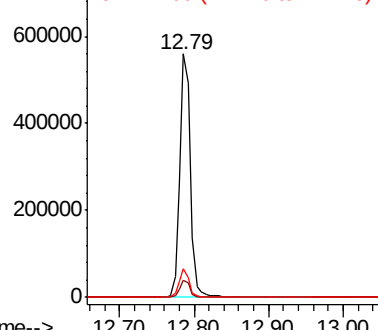


Abundance

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: 7.612 ng
 RT: 13.83 min Scan# 1996
 Delta R.T. -0.01 min
 Lab File: BF109619.D
 Acq: 5 Oct 2018 20:07

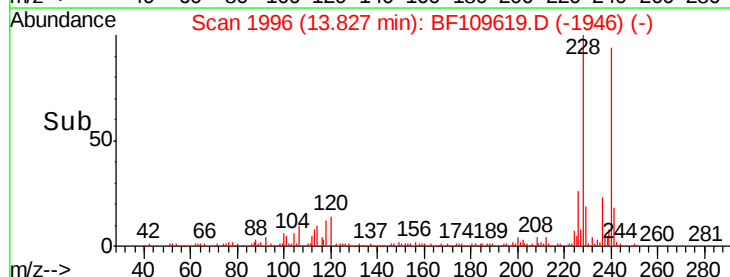
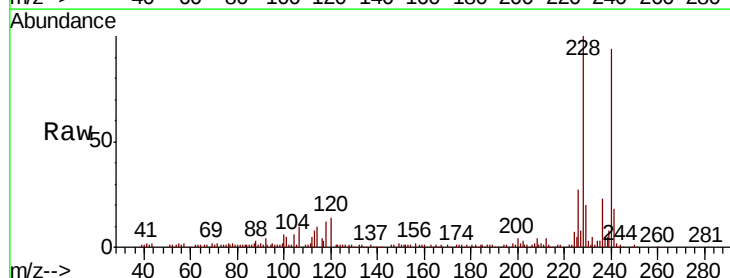
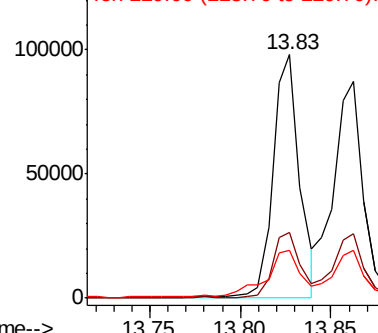
Tgt Ion	Ratio	Lower	Upper
228	100		
226	26.8	22.6	33.8
229	19.7	15.8	23.6

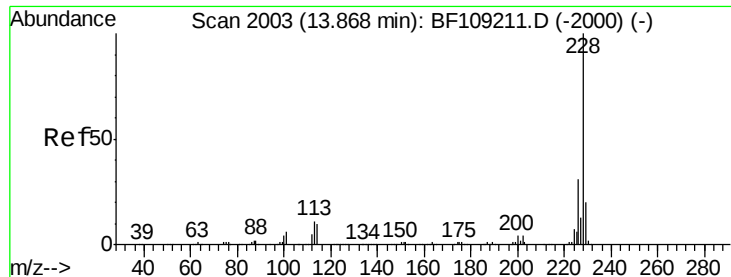
Abundance

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: 7.672 ng

RT: 13.86 min Scan# 2002

Delta R.T. -0.01 min

Lab File: BF109619.D

Acq: 5 Oct 2018 20:07

Instrument :

BNA_F

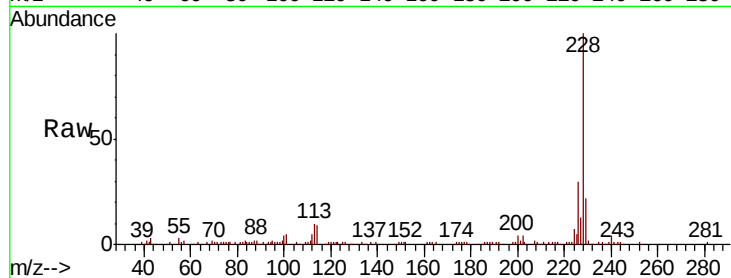
ClientSampleId :

TR-05-100418

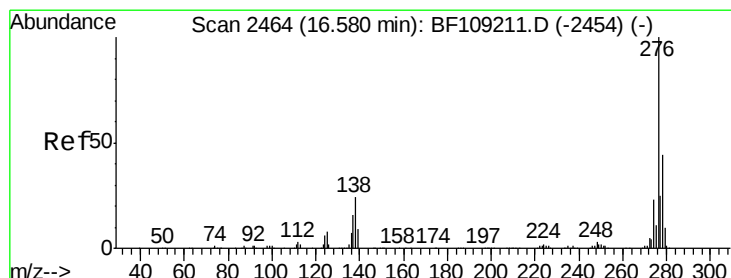
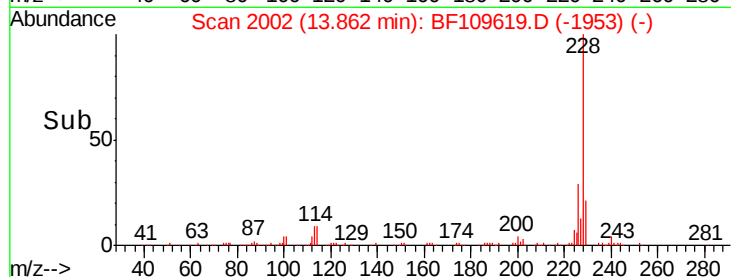
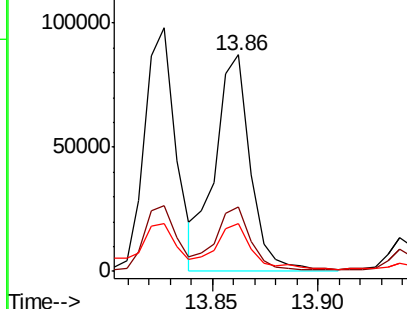
Tot Ion:	228	Resp:	101169
Ion Ratio		Lower	Upper
228	100		
226	29.7	25.0	37.6
229	21.9	16.2	24.4

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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



#85

Indeno(1,2,3-cd)pyrene

Concen: 3.883 ng

RT: 16.59 min Scan# 2465

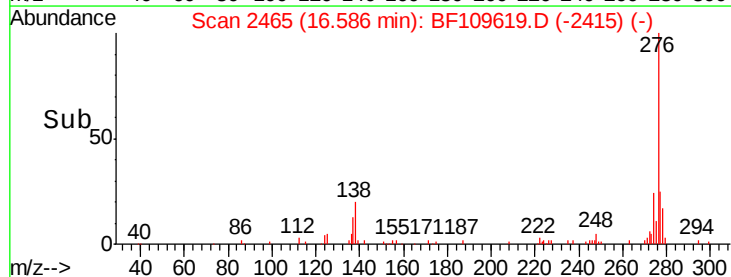
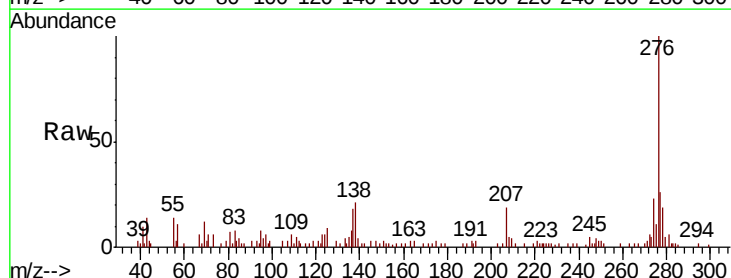
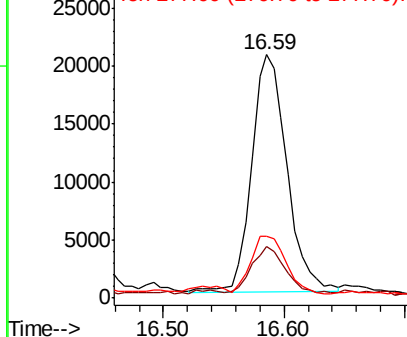
Delta R.T. -0.01 min

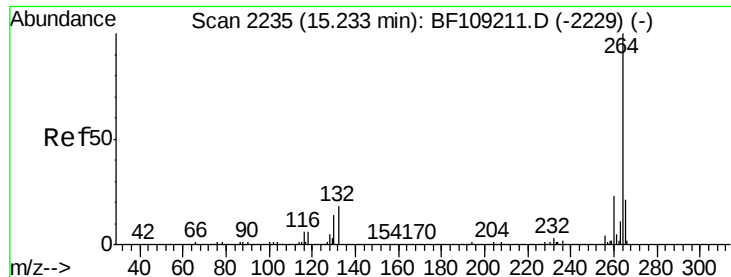
Lab File: BF109619.D

Acq: 5 Oct 2018 20:07

Tgt Ion:	276	Resp:	41508
Ion Ratio		Lower	Upper
276	100		
138	18.5	25.0	37.6#
277	25.1	20.1	30.1

Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E





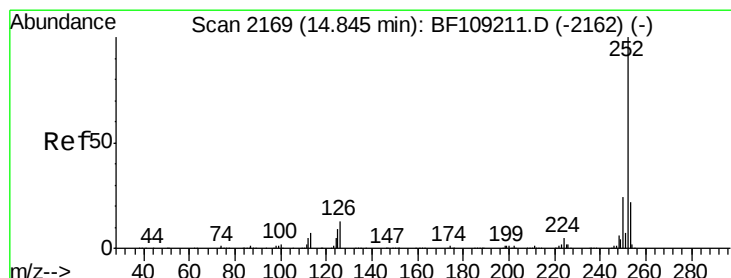
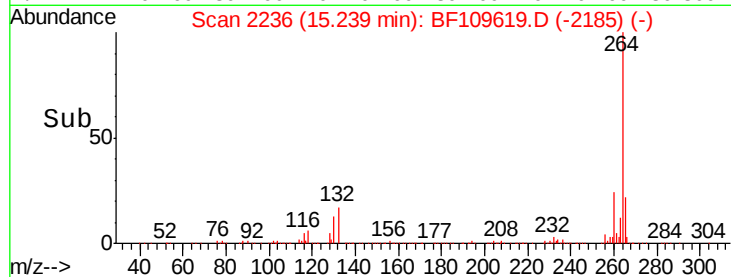
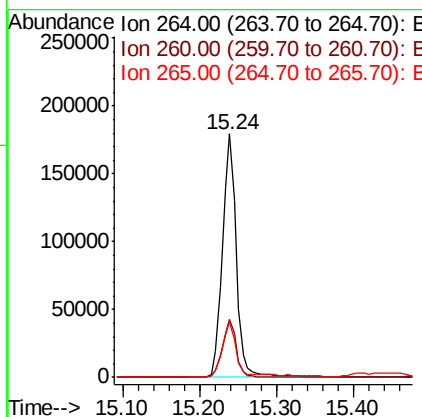
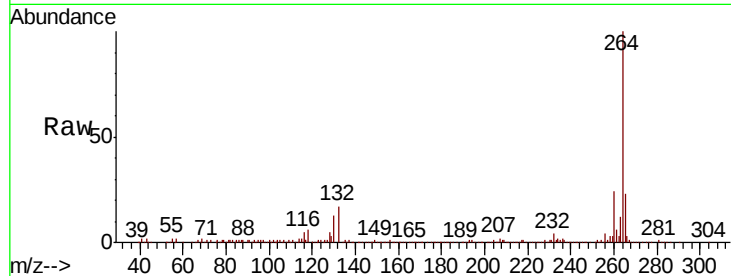
#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.24 min Scan# 2236
Delta R.T. -0.00 min
Lab File: BF109619.D
Acq: 5 Oct 2018 20:07

Instrument :
BNA_F
ClientSampleId :
TR-05-100418

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.2	28.8
265	22.5	17.5	26.3

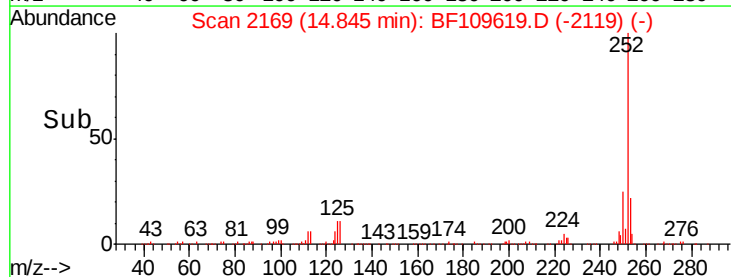
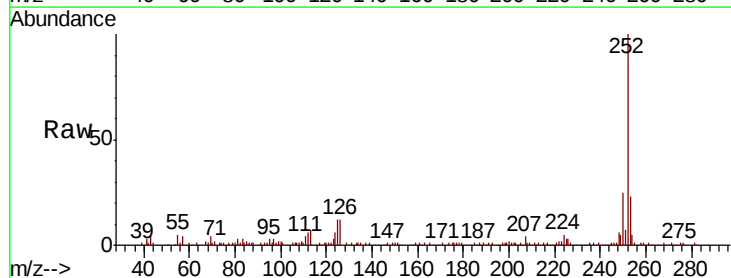
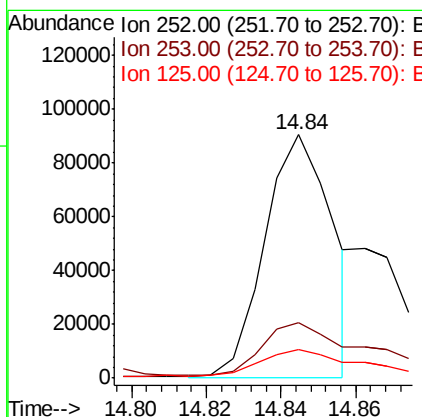
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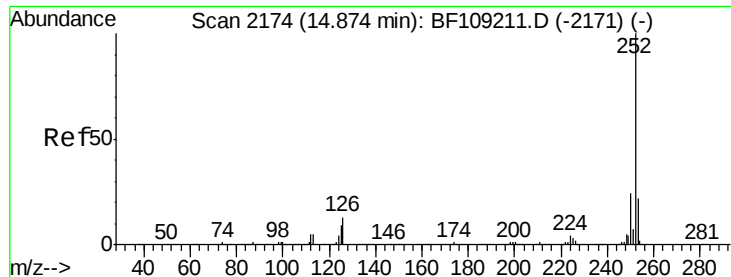
Sohil
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#87
Benzo(b)fluoranthene
Concen: 9.372 ng m
RT: 14.84 min Scan# 2169
Delta R.T. -0.01 min
Lab File: BF109619.D
Acq: 5 Oct 2018 20:07

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.0	25.6
125	11.9	9.0	13.6





#88

Benzo(k)fluoranthene

Concen: 4.246 ng

RT: 14.86 min Scan# 2172

Delta R.T. -0.02 min

Lab File: BF109619.D

Acq: 5 Oct 2018 20:07

Instrument :

BNA_F

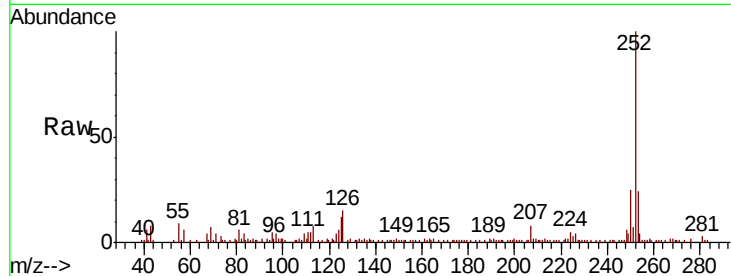
ClientSampleId :

TR-05-100418

Tot Ion:	252	Resp:	49571
Ion Ratio	Lower	Upper	
252	100		
253	23.7	17.9	26.9
125	12.3	10.2	15.2

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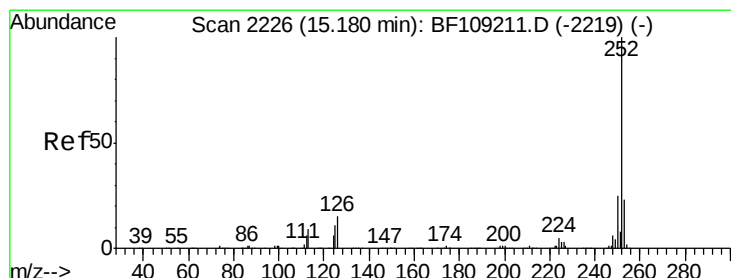
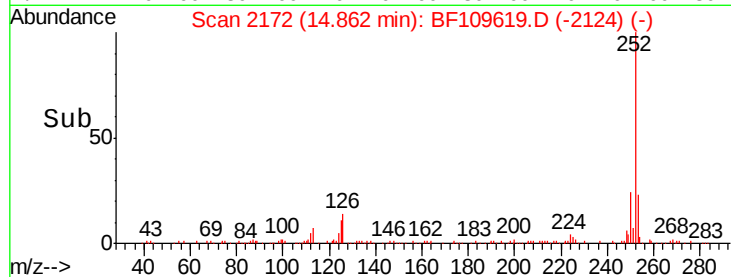
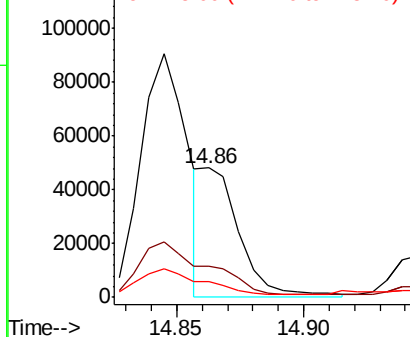


Abundance

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



#89

Benzo(a)pyrene

Concen: 7.873 ng

RT: 15.18 min Scan# 2226

Delta R.T. -0.01 min

Lab File: BF109619.D

Acq: 5 Oct 2018 20:07

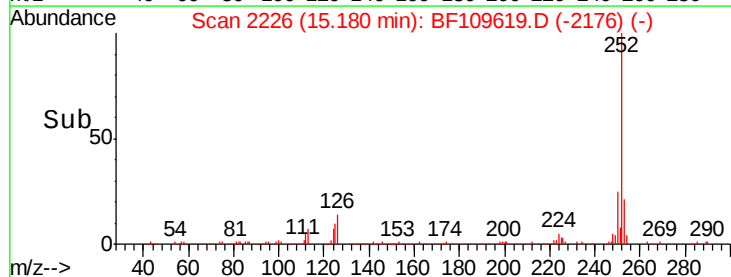
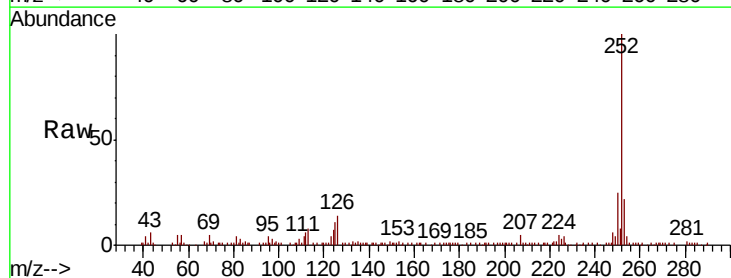
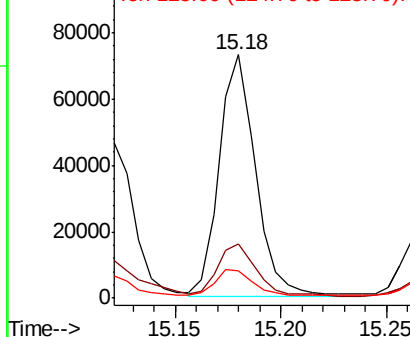
Tgt Ion:	252	Resp:	87279
Ion Ratio	Lower	Upper	
252	100		
253	22.5	17.1	25.7
125	11.3	9.8	14.6

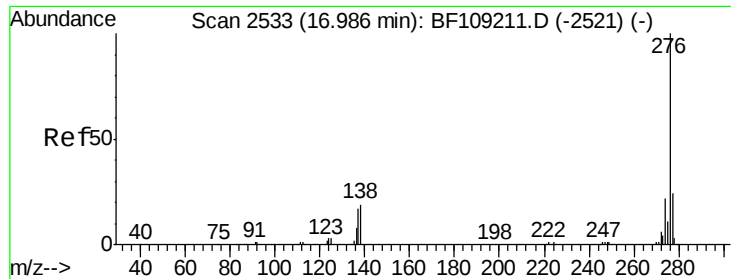
Abundance

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





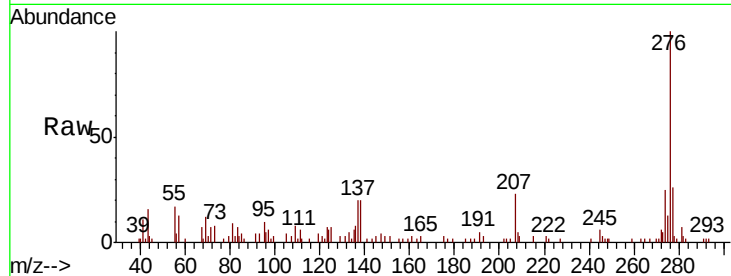
#91
 Benzo(a,h,i)perylene
 Concen: 4.511 ng/ml
 RT: 16.99 min Scan# 2534
 Delta R.T. -0.01 min
 Lab File: BF109619.D
 Acq: 5 Oct 2018 20:07

Instrument :
 BNA_F
 ClientSampleId :
 TR-05-100418

Tot Ion	Ratio	Lower	Upper
276	100		
277	26.3	17.9	26.9
138	20.1	21.8	32.8

Manual Integrations
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 10/8/2018 12:21:23 PM



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

