

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101218\
 Data File : BF109846.D
 Acq On : 12 Oct 2018 20:56
 Operator : JU/SJ
 Sample : J5205-03 5X
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TR-04-101118

Manual Integrations
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 10/15/2018 10:28:38 AM

Quant Time: Oct 15 06:59:47 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF100818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 08 16:02:11 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.69	152	83956	20.00	ng	0.00
21) Naphthalene-d8	7.97	136	366015	20.00	ng	0.00
38) Acenaphthene-d10	9.72	164	159960	20.00	ng	0.00
63) Phenanthrene-d10	11.20	188	251191	20.00	ng	0.00
75) Chrysene-d12	13.83	240	186637	20.00	ng	0.00
86) Perylene-d12	15.23	264	165497	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.31	112	59355	12.55	ng	-0.01
7) Phenol-d6	6.35	99	106252	16.82	ng	-0.01
23) Nitrobenzene-d5	7.26	82	73299m	11.04	ng	0.00
41) 2,4,6-Tribromophenol	10.51	330	22507	12.91	ng	0.00
44) 2-Fluorobiphenyl	9.05	172	139172	11.98	ng	-0.01
78) Terphenyl-d14	12.78	244	99559	10.33	ng	0.00
Target Compounds						
70) Phenanthrene	11.22	178	73131	5.818	ng	Qvalue 100
74) Fluoranthene	12.41	202	124784	9.502	ng	98
77) Pyrene	12.64	202	102204	7.474	ng	98
80) Benzo(a)anthracene	13.82	228	53368	5.182	ng	95
82) Chrysene	13.86	228	51424	4.753	ng	95
85) Indeno(1,2,3-cd)pyrene	16.59	276	16607	2.145	ng	94
87) Benzo(b)fluoranthene	14.84	252	49145m	5.374	ng	
88) Benzo(k)fluoranthene	14.85	252	25741m	2.801	ng	
89) Benzo(a)pyrene	15.17	252	37389	4.505	ng	# 89
91) Benzo(g,h,i)perylene	16.99	276	17616	2.588	ng	# 90

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

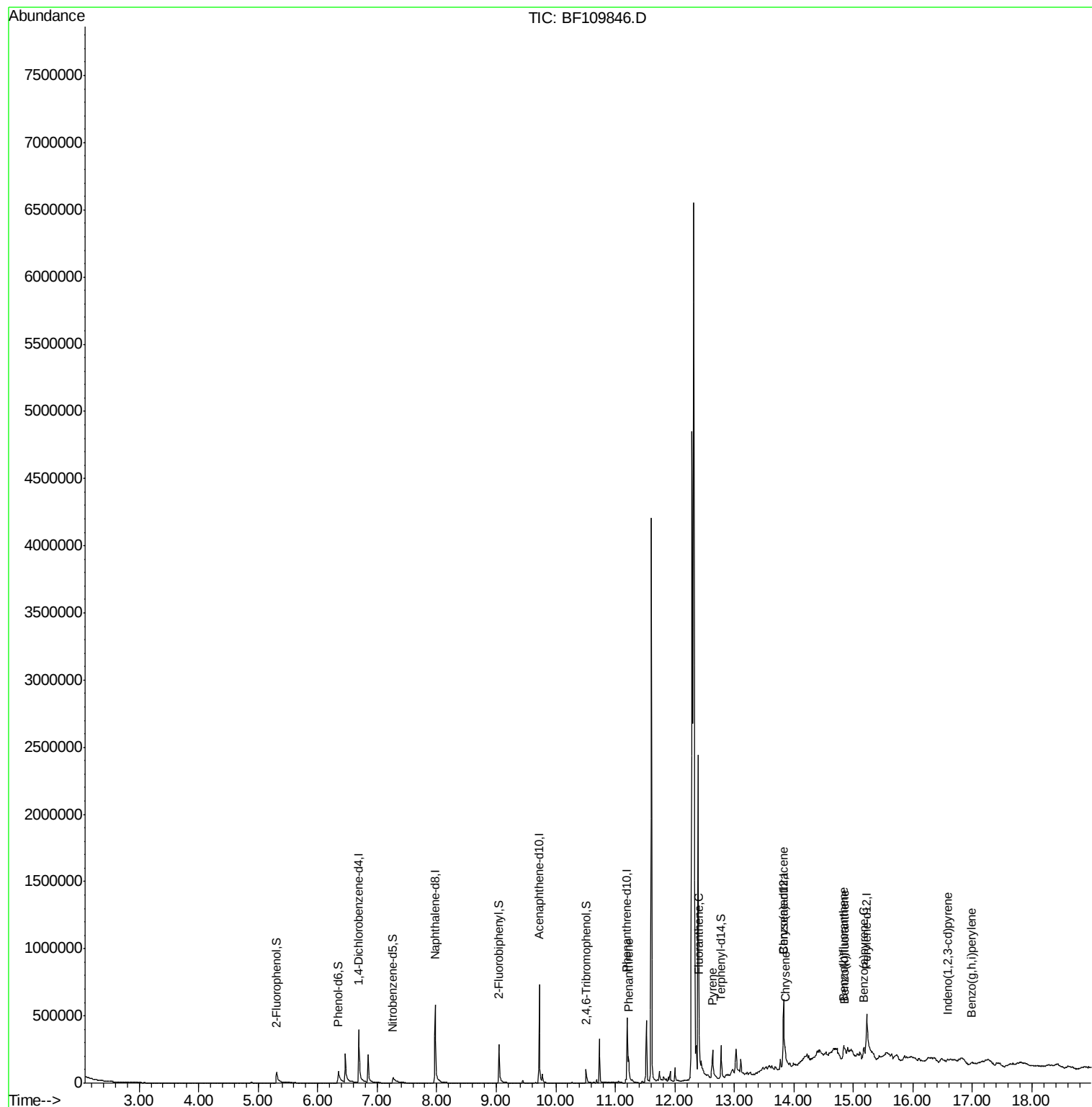
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101218\
Data File : BF109846.D
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Sample : J5205-03 5X
Misc :
ALS Vial : 22 Sample Multiplier: 1

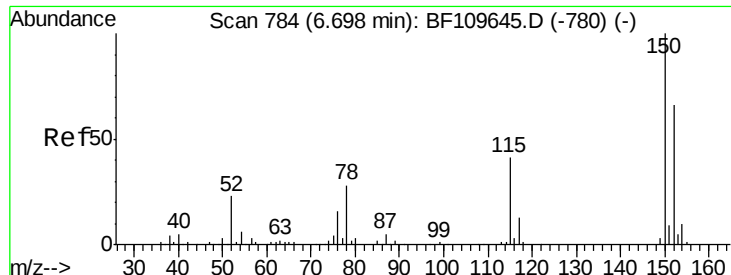
Instrument :
BNA_F
ClientSampleId :
TR-04-101118

Quant Time: Oct 15 06:59:47 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF100818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

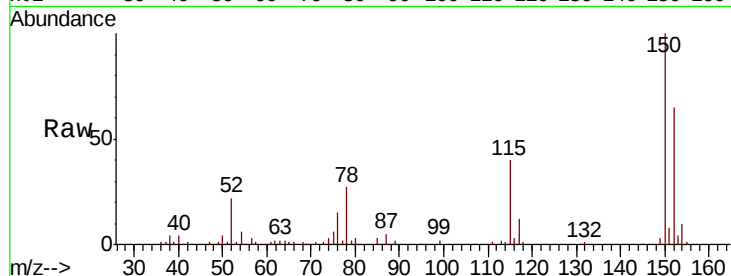
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.69 min Scan# 783
Delta R.T. -0.01 min
Lab File: BF109846.D
Acq: 12 Oct 2018 20:56

Instrument :
BNA_F
ClientSampleId :
TR-04-101118

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.3	122.7	184.1
115	60.7	49.1	73.7

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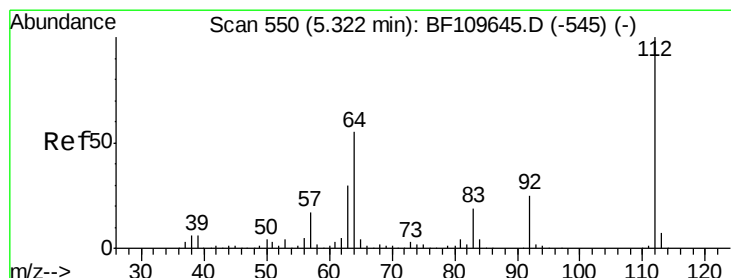
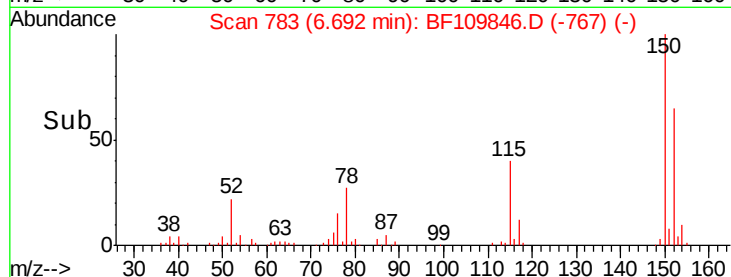
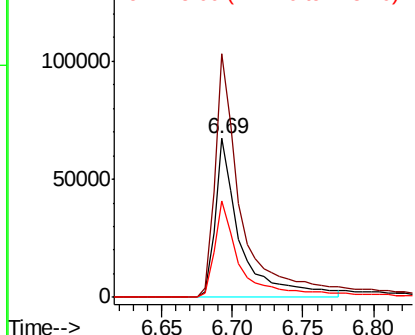


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

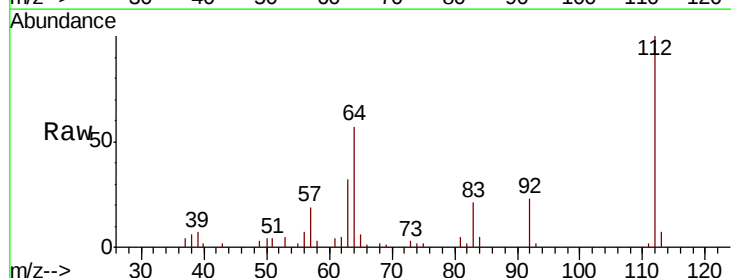
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 12.549 ng
RT: 5.31 min Scan# 548
Delta R.T. -0.01 min
Lab File: BF109846.D
Acq: 12 Oct 2018 20:56

Tgt Ion	Ratio	Lower	Upper
112	100		
64	57.3	44.1	66.1
63	31.7	23.7	35.5

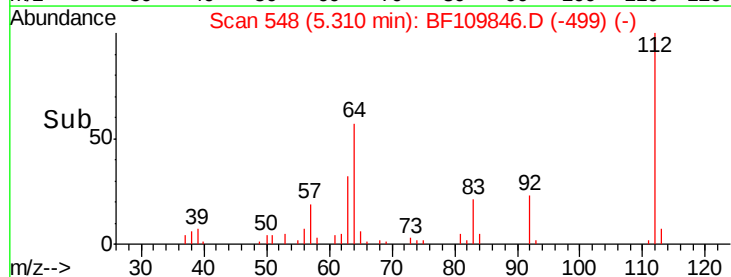
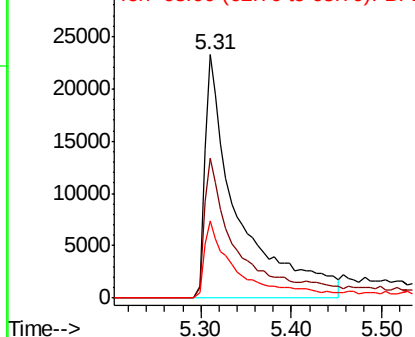


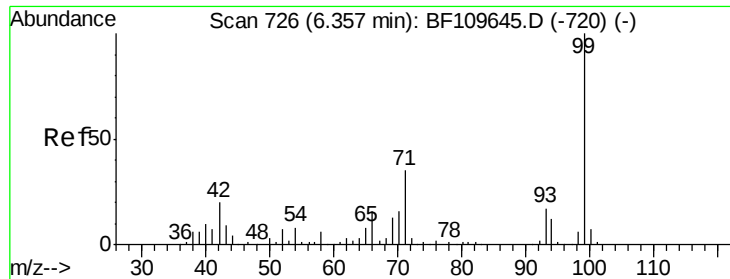
Abundance

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: 16.816 ng

RT: 6.35 min Scan# 724

Delta R.T. -0.01 min

Lab File: BF109846.D

Acq: 12 Oct 2018 20:56

Instrument :

BNA_F

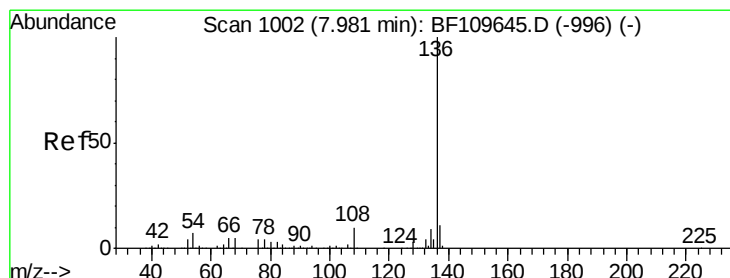
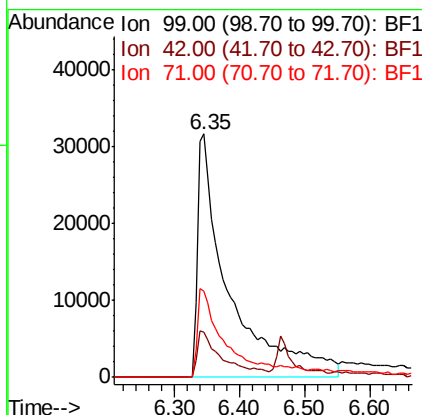
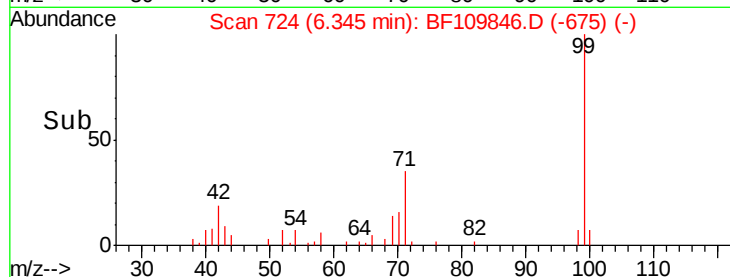
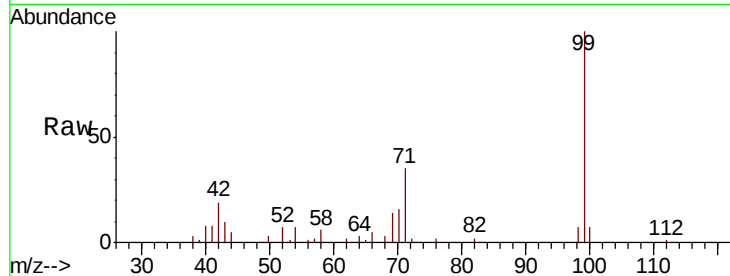
ClientSampleId :

TR-04-101118

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		106252		
42	18.6	15.8	23.6		
71	35.3	28.0	42.0		

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#21

Naphthalene-d8

Concen: 20.000 ng

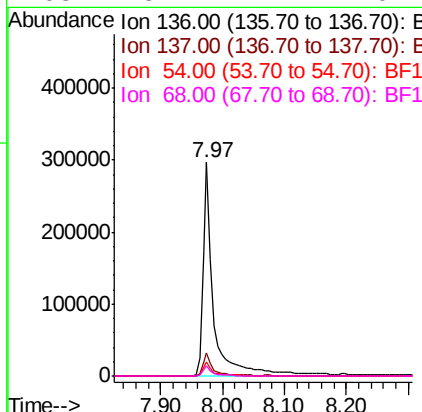
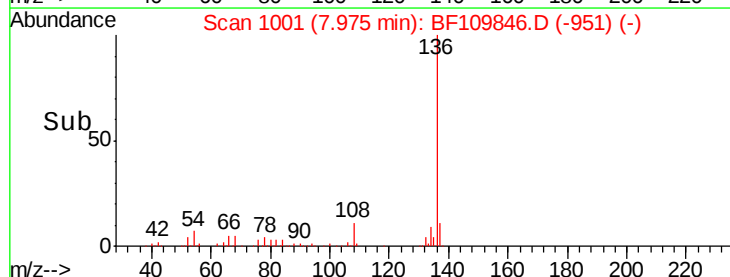
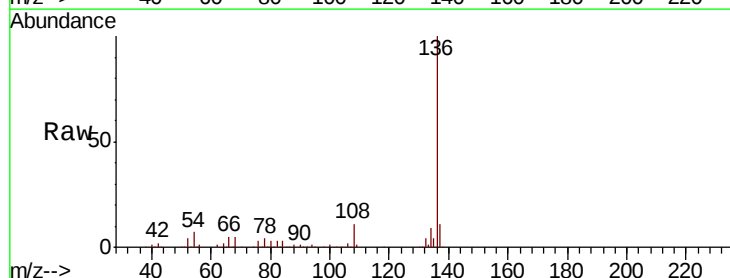
RT: 7.97 min Scan# 1001

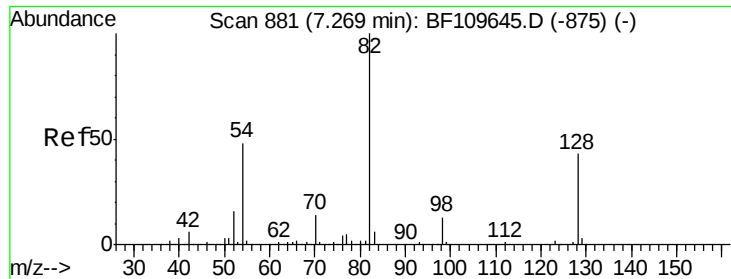
Delta R.T. -0.01 min

Lab File: BF109846.D

Acq: 12 Oct 2018 20:56

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
136	100		366015		
137	10.7	8.8	13.2		
54	6.6	5.4	8.2		
68	5.1	4.2	6.2		





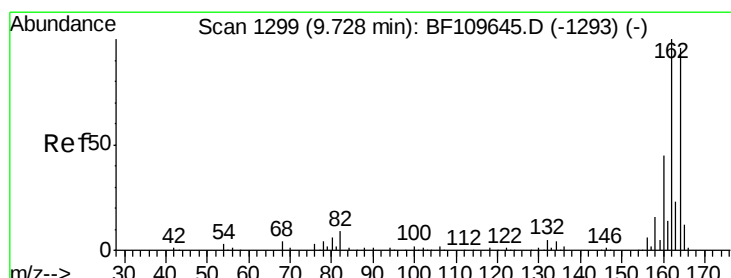
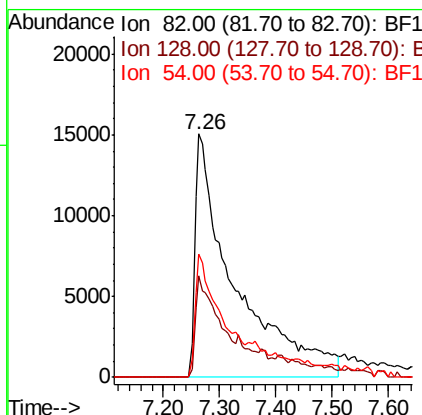
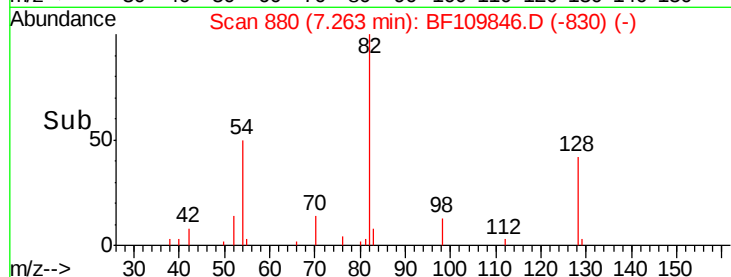
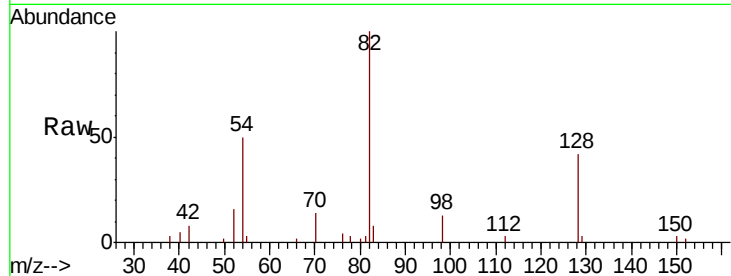
#23
 Nitrobenzene-d5
 Concen: 11.039 ng m
 RT: 7.26 min Scan# 880
 Delta R.T. -0.01 min
 Lab File: BF109846.D
 Acq: 12 Oct 2018 20:56

Instrument :
 BNA_F
 ClientSampleId :
 TR-04-101118

Tot Ion	82	Resp	73299
Ion Ratio	100	Lower	Upper
128	41.7	34.2	51.2
54	50.5	38.6	58.0

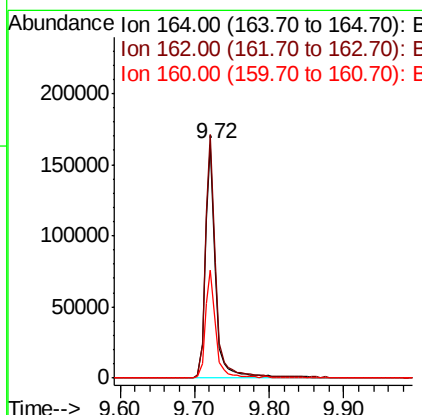
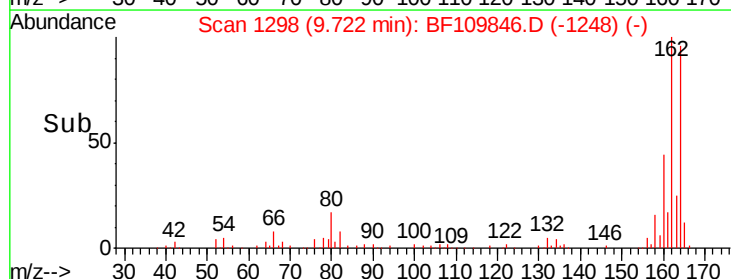
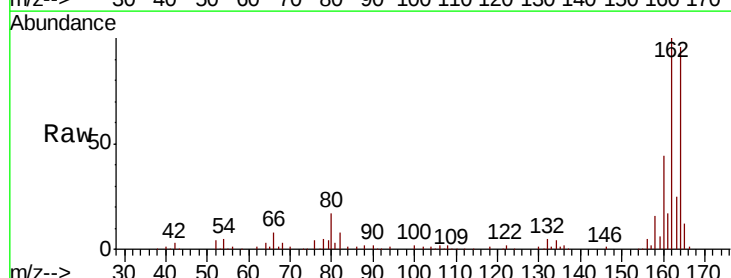
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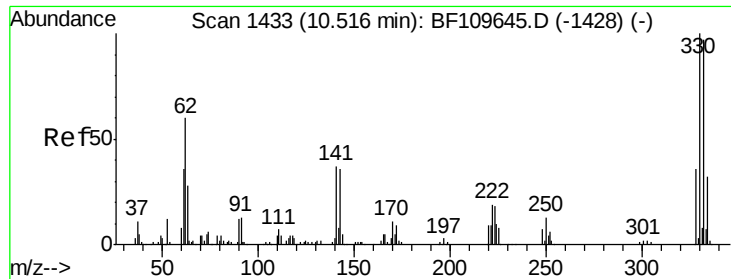
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#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.72 min Scan# 1298
 Delta R.T. -0.01 min
 Lab File: BF109846.D
 Acq: 12 Oct 2018 20:56

Tgt Ion	164	Resp	159960
Ion Ratio	100	Lower	Upper
162	104.2	83.0	124.6
160	46.2	37.0	55.6





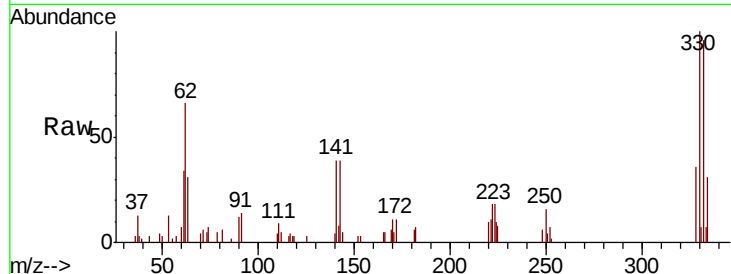
#41
 2,4,6-Tribromophenol
 Concen: 12.913 ng
 RT: 10.51 min Scan# 1432
 Delta R.T. -0.01 min
 Lab File: BF109846.D
 Acq: 12 Oct 2018 20:56

Instrument :
 BNA_F
 ClientSampleId :
 TR-04-101118

Tot Ion	Ratio	Lower	Upper
330	100		
332	91.7	77.1	115.7
141	34.8	27.0	40.4

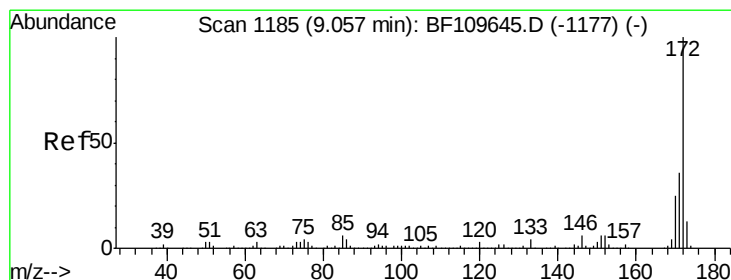
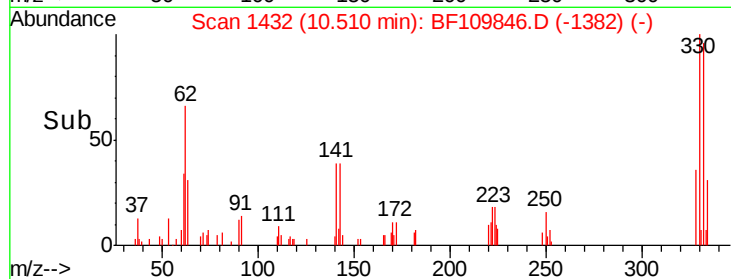
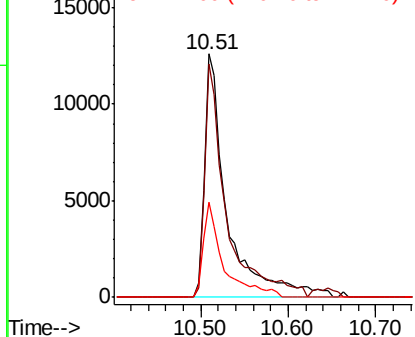
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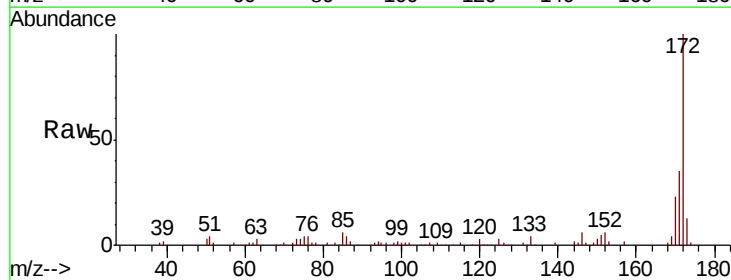
Abundance

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



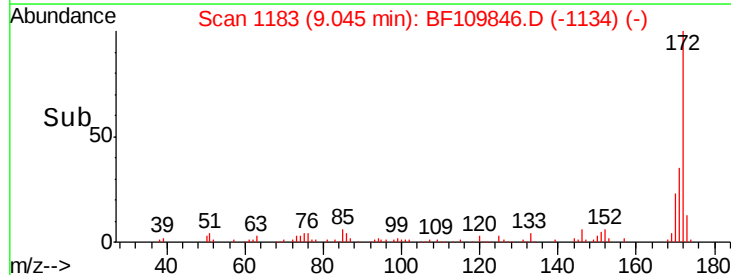
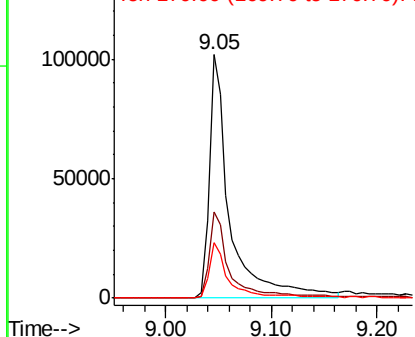
#44
 2-Fluorobiphenyl
 Concen: 11.983 ng
 RT: 9.05 min Scan# 1183
 Delta R.T. -0.01 min
 Lab File: BF109846.D
 Acq: 12 Oct 2018 20:56

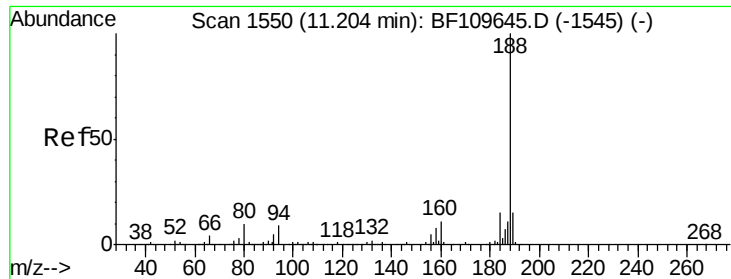
Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.2	28.6	43.0
170	22.6	19.7	29.5



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





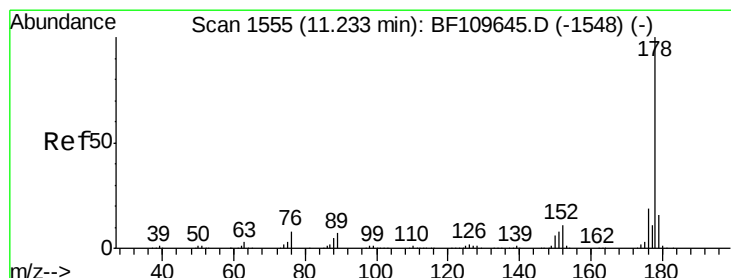
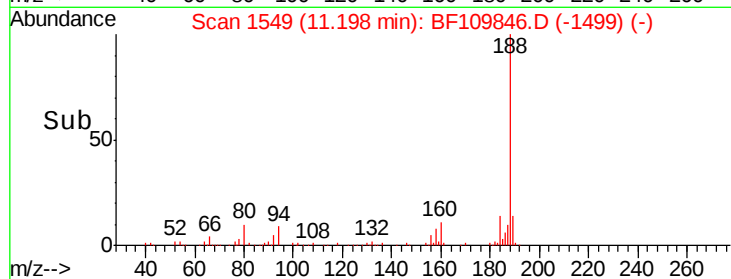
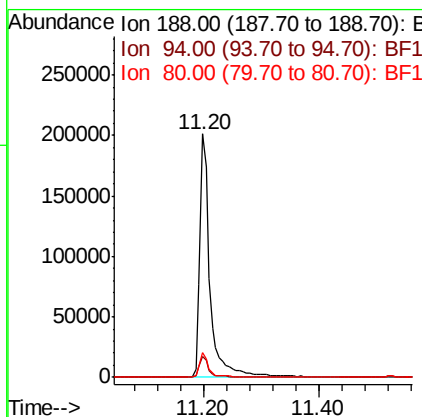
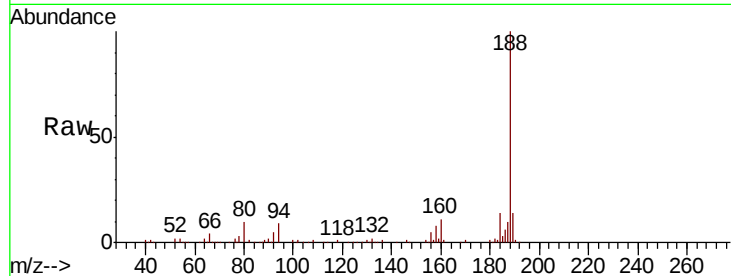
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.20 min Scan# 1549
Delta R.T. -0.01 min
Lab File: BF109846.D
Acq: 12 Oct 2018 20:56

Instrument :
BNA_F
ClientSampleId :
TR-04-101118

Tot Ion	Ratio	Resp	Lower	Upper
188	100	251191		
94	8.7		7.2	10.8
80	9.9		7.9	11.9

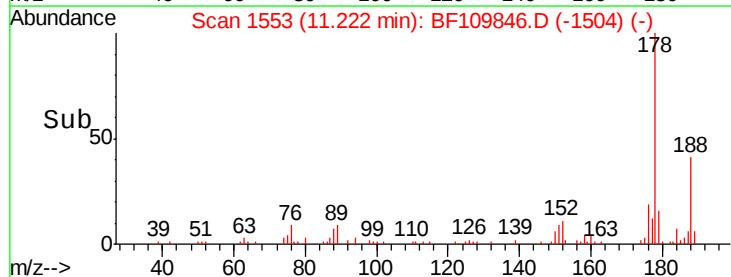
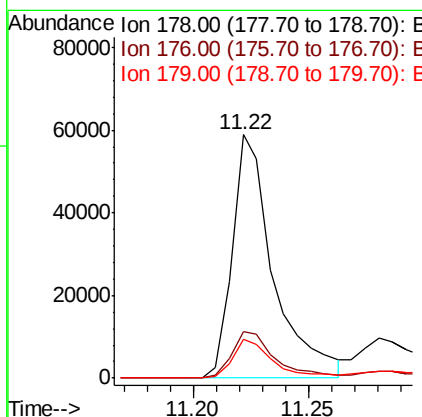
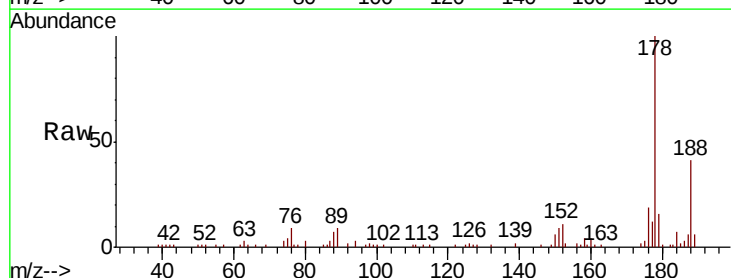
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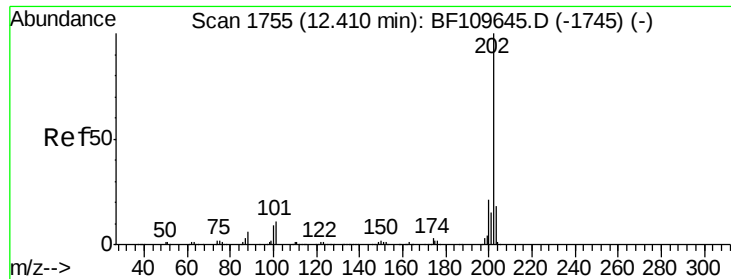
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#70
Phenanthrene
Concen: 5.818 ng
RT: 11.22 min Scan# 1553
Delta R.T. -0.01 min
Lab File: BF109846.D
Acq: 12 Oct 2018 20:56

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	73131		
176	19.3		15.5	23.3
179	15.7		12.5	18.7





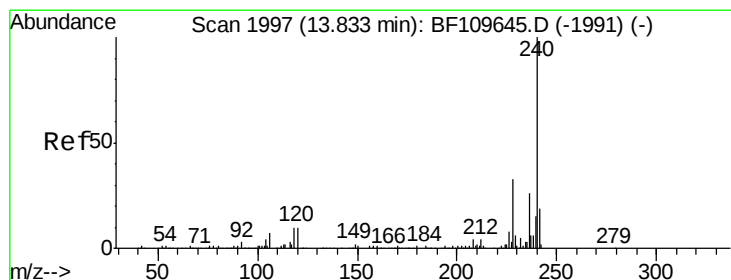
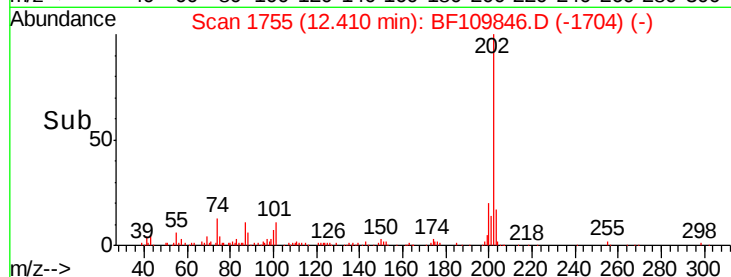
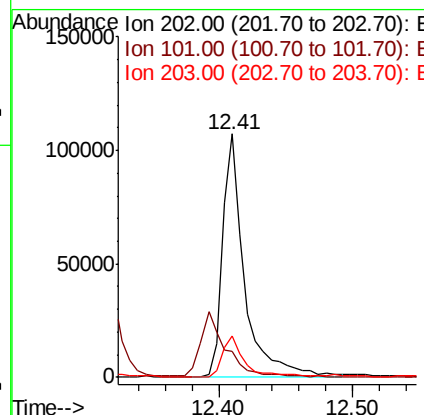
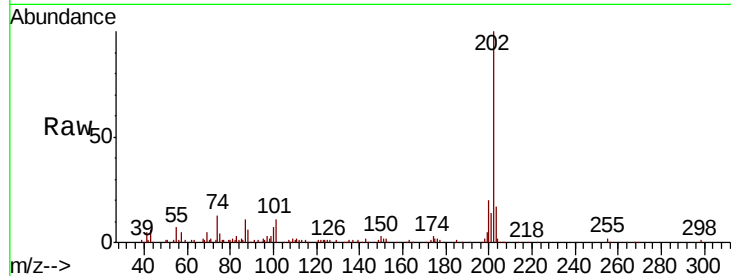
#74
Fluoranthene
Concen: 9.502 ng
RT: 12.41 min Scan# 1755
Delta R.T. 0.00 min
Lab File: BF109846.D
Acq: 12 Oct 2018 20:56

Instrument :
BNA_F
ClientSampleId :
TR-04-101118

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	10.5	0.0	31.4
203	16.9	0.0	37.7

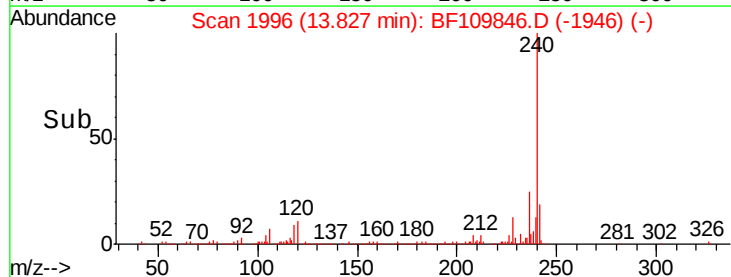
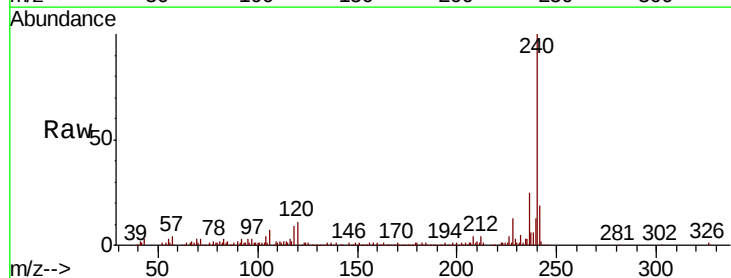
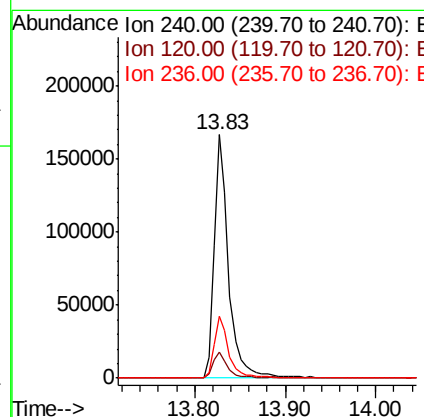
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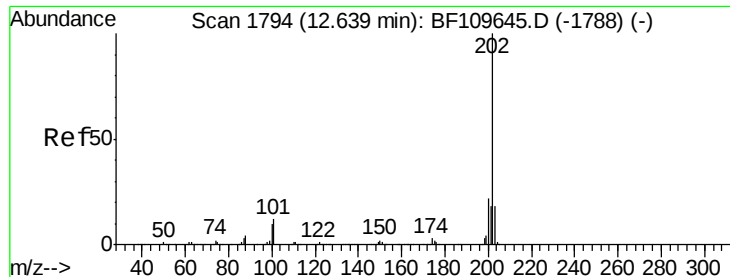
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#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.83 min Scan# 1996
Delta R.T. -0.01 min
Lab File: BF109846.D
Acq: 12 Oct 2018 20:56

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	10.6	8.3	12.5
236	25.4	21.2	31.8





#77

Pvrene

Concen: 7.474 ng

RT: 12.64 min Scan# 1794

Delta R.T. 0.00 min

Lab File: BF109846.D

Acq: 12 Oct 2018 20:56

Instrument :

BNA_F

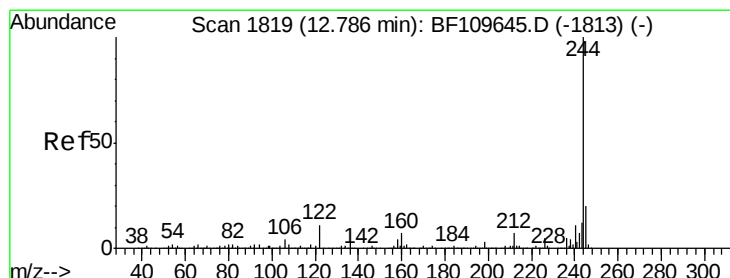
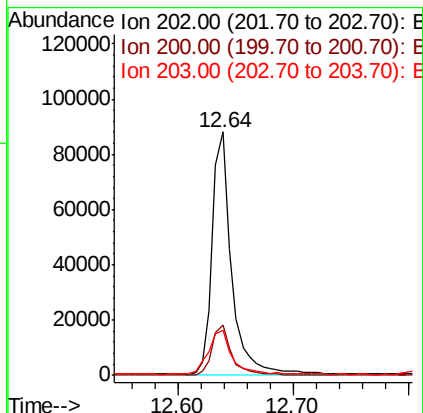
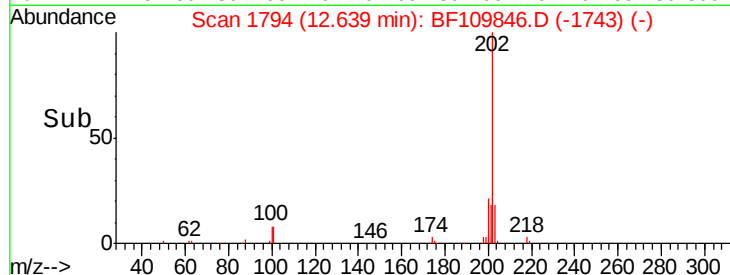
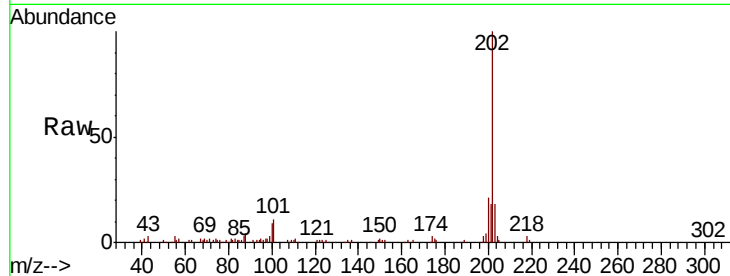
ClientSampleId :

TR-04-101118

Tot Ion:	202	Resp:	102204
Ion Ratio		Lower	Upper
202	100		
200	20.8	17.8	26.6
203	18.4	14.2	21.4

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#78

Terphenyl-d14

Concen: 10.326 ng

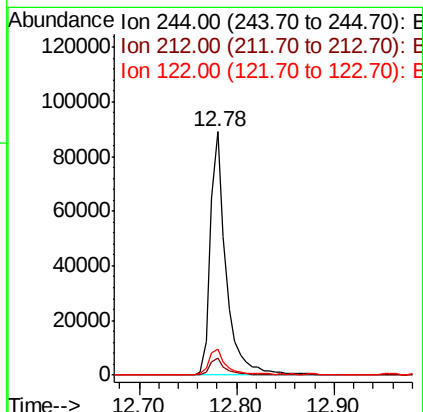
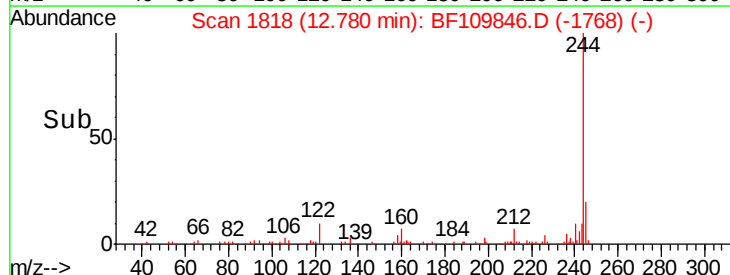
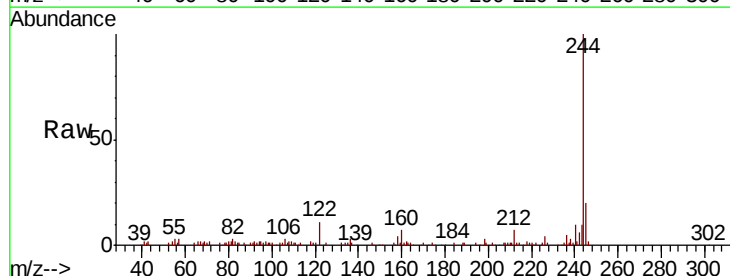
RT: 12.78 min Scan# 1818

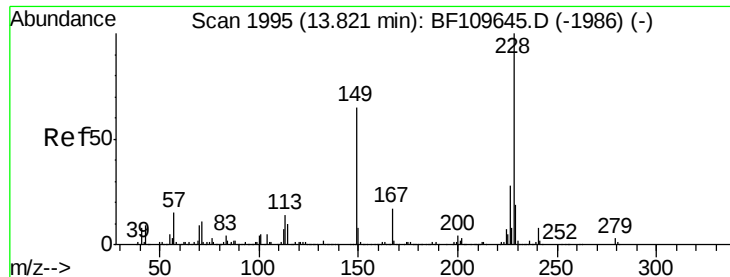
Delta R.T. -0.01 min

Lab File: BF109846.D

Acq: 12 Oct 2018 20:56

Tgt Ion:	244	Resp:	99559
Ion Ratio		Lower	Upper
244	100		
212	7.1	5.8	8.8
122	10.6	8.7	13.1





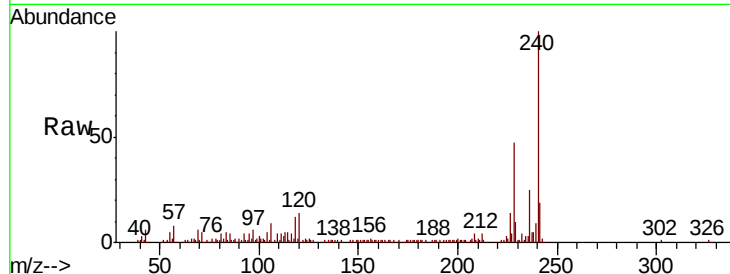
#80
Benzo(a)anthracene
Concen: 5.182 ng
RT: 13.82 min Scan# 1995
Delta R.T. 0.00 min
Lab File: BF109846.D
Acq: 12 Oct 2018 20:56

Instrument :
BNA_F
ClientSampleId :
TR-04-101118

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.3	22.1	33.1
229	22.1	15.6	23.4

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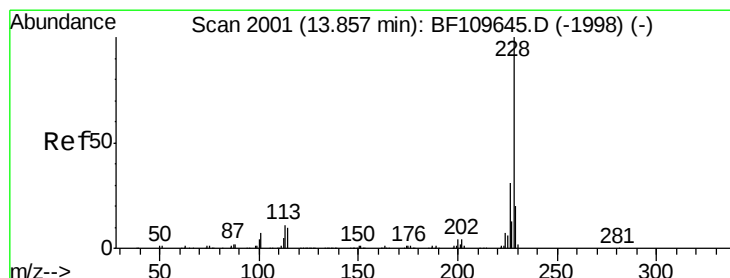
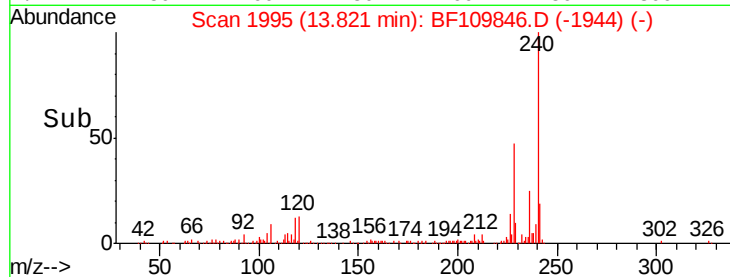
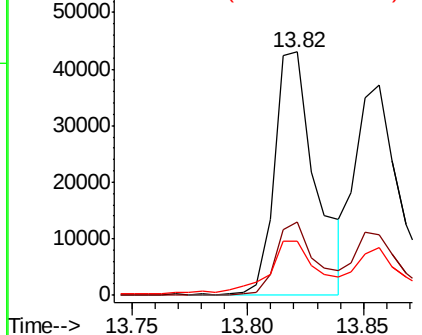


Abundance

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



#82
Chrysene
Concen: 4.753 ng
RT: 13.86 min Scan# 2001
Delta R.T. 0.00 min
Lab File: BF109846.D
Acq: 12 Oct 2018 20:56

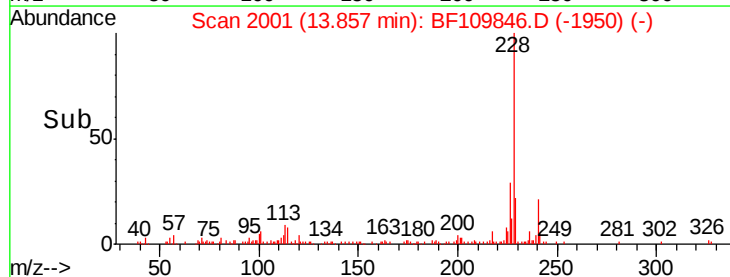
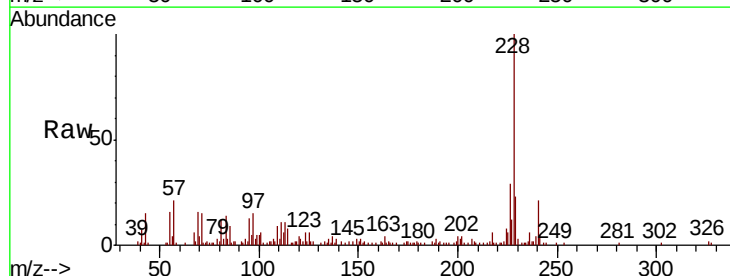
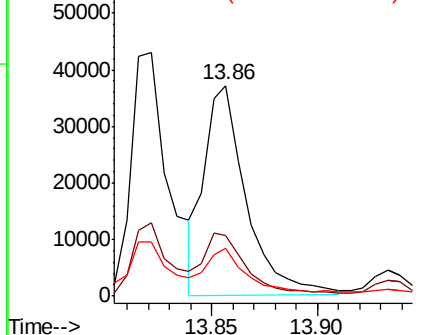
Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.9	24.7	37.1
229	22.7	15.9	23.9

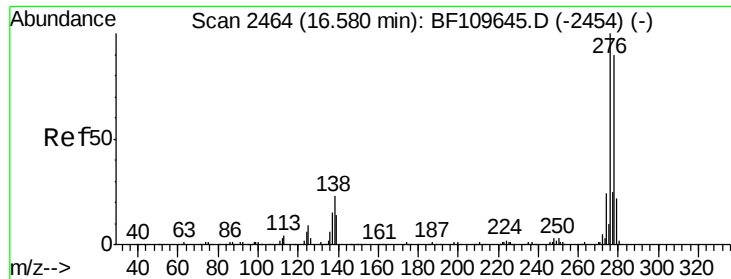
Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





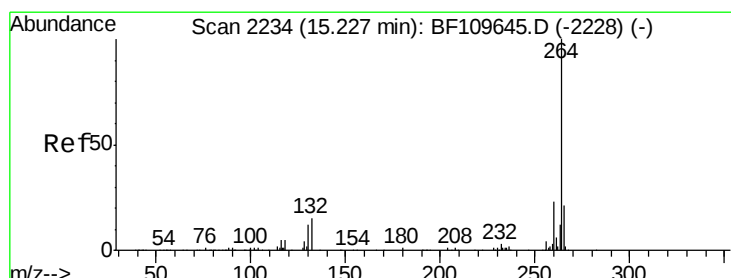
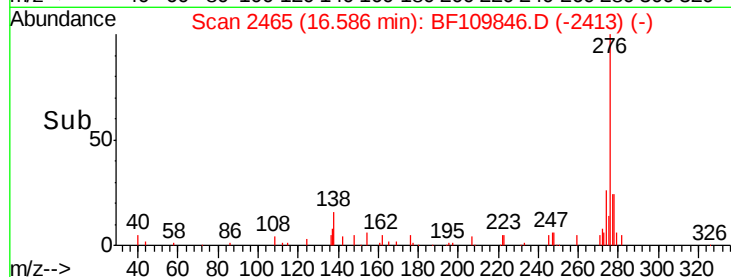
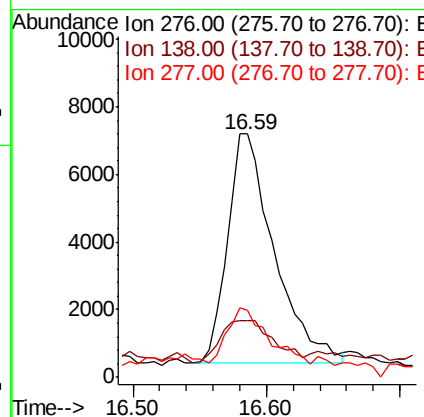
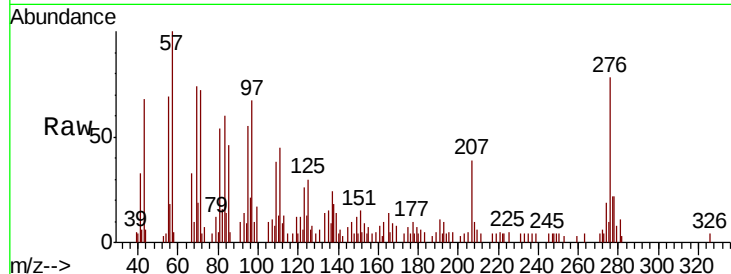
#85
Indeno(1,2,3-cd)pyrene
Concen: 2.145 ng
RT: 16.59 min Scan# 2465
Delta R.T. 0.01 min
Lab File: BF109846.D
Acq: 12 Oct 2018 20:56

Instrument :
BNA_F
ClientSampleId :
TR-04-101118

Tot Ion	Ratio	Lower	Upper
276	100		
138	21.1	18.5	27.7
277	21.1	20.0	30.0

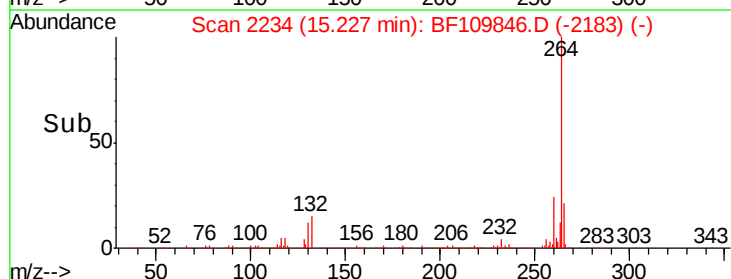
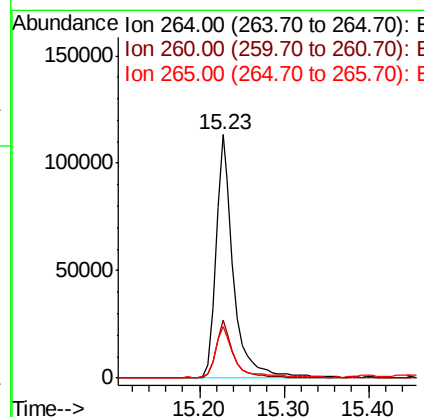
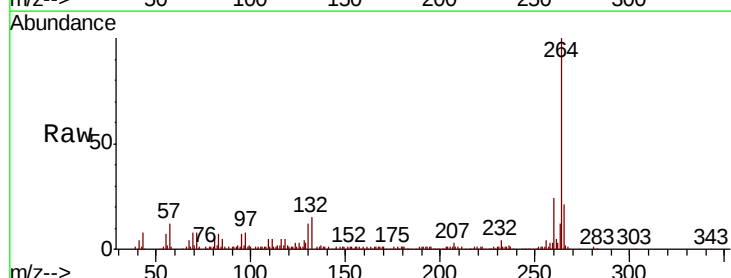
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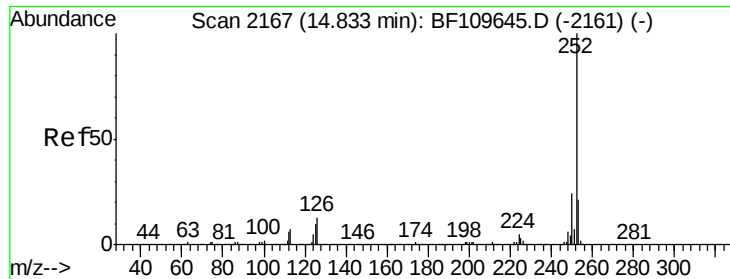
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#86
Perylene-d12
Concen: 20.000 ng
RT: 15.23 min Scan# 2234
Delta R.T. 0.00 min
Lab File: BF109846.D
Acq: 12 Oct 2018 20:56

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.0	18.7	28.1
265	21.3	16.7	25.1





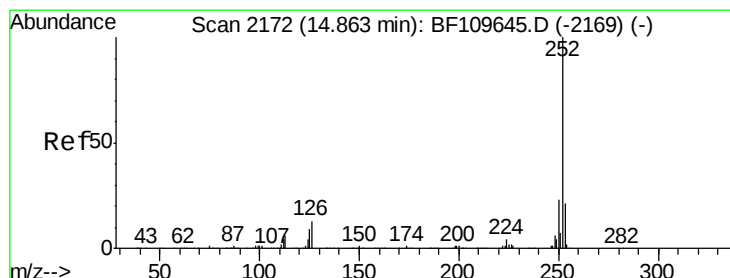
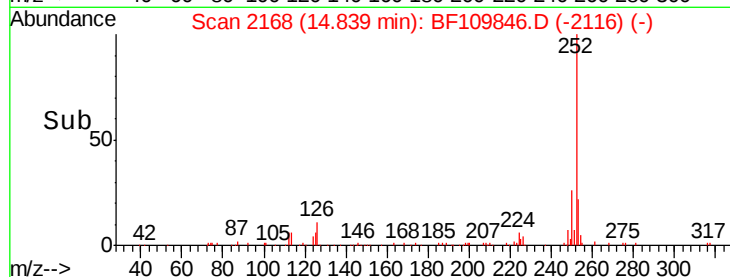
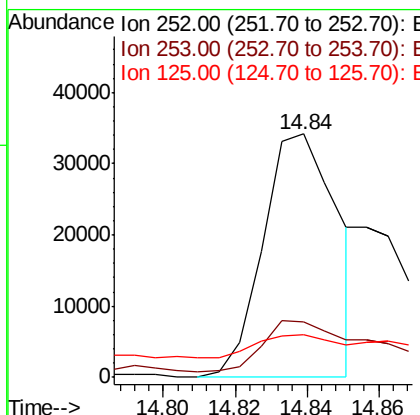
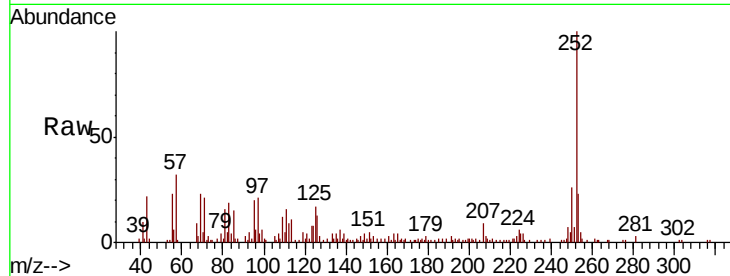
#87
Benzo(b)fluoranthene
Concen: 5.374 ng m
RT: 14.84 min Scan# 2168
Delta R.T. 0.01 min
Lab File: BF109846.D
Acq: 12 Oct 2018 20:56

Instrument :
BNA_F
ClientSampleId :
TR-04-101118

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.2	25.8
125	17.3	8.2	12.4

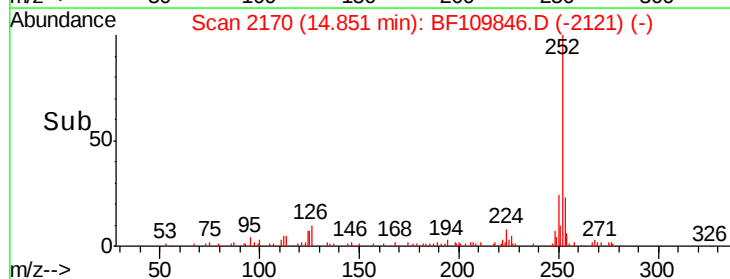
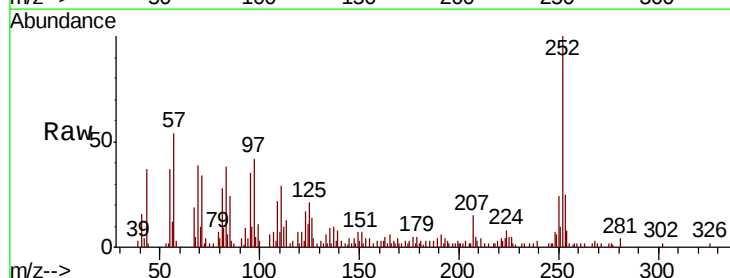
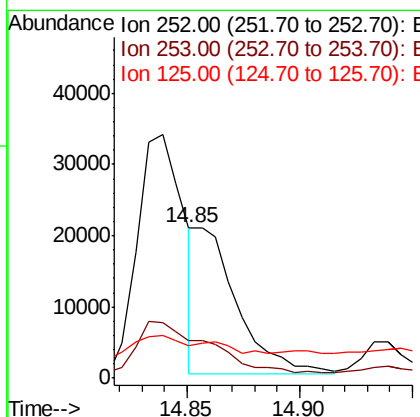
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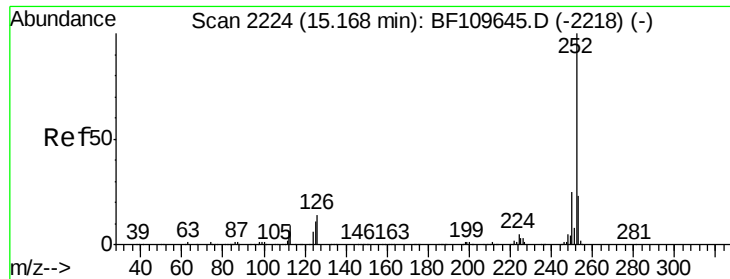
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#88
Benzo(k)fluoranthene
Concen: 2.801 ng m
RT: 14.85 min Scan# 2170
Delta R.T. -0.01 min
Lab File: BF109846.D
Acq: 12 Oct 2018 20:56

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.1	17.2	25.8
125	21.5	7.4	11.0





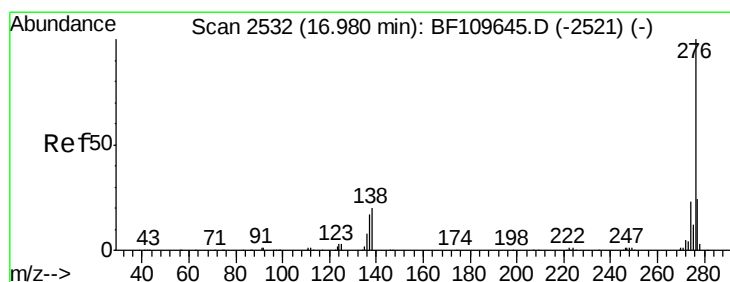
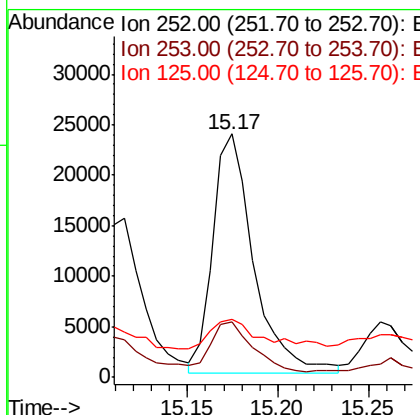
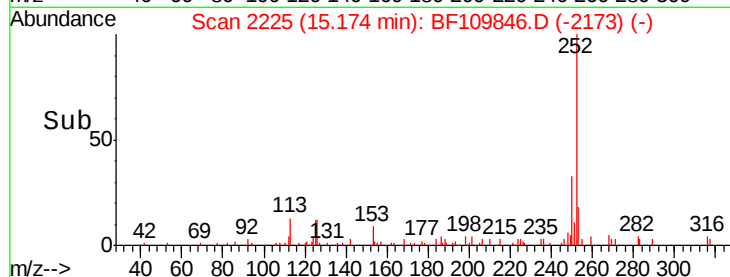
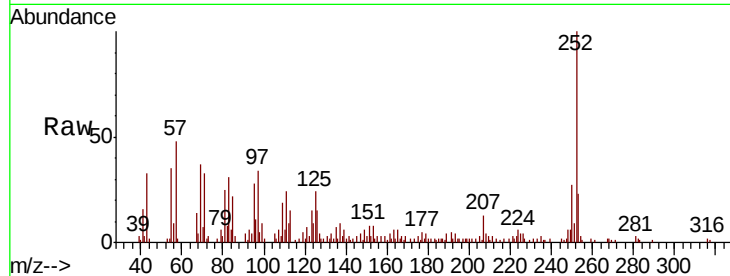
#89
Benzo(a)pyrene
Concen: 4.505 ng
RT: 15.17 min Scan# 2225
Delta R.T. 0.01 min
Lab File: BF109846.D
Acq: 12 Oct 2018 20:56

Instrument :
BNA_F
ClientSampleId :
TR-04-101118

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.7	18.2	27.4
125	23.6	9.0	13.6

Manual Integrations
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#91
Benzo(g,h,i)perylene
Concen: 2.588 ng
RT: 16.99 min Scan# 2533
Delta R.T. 0.01 min
Lab File: BF109846.D
Acq: 12 Oct 2018 20:56

Tgt Ion	Ratio	Lower	Upper
276	100		
277	27.5	18.8	28.2
138	25.5	16.0	24.0

