

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092618\
 Data File : BF109346.D
 Acq On : 26 Sep 2018 19:29
 Operator : JU/SJ
 Sample : J4773-11
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CL-02-092518-A

Manual Integrations
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Quant Time: Sep 27 06:27:23 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	107151	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	417427	20.00	ng	0.00
38) Acenaphthene-d10	9.74	164	192749	20.00	ng	0.00
63) Phenanthrene-d10	11.22	188	311205	20.00	ng	0.00
75) Chrysene-d12	13.84	240	279902	20.00	ng	0.00
86) Perylene-d12	15.24	264	244088	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.31	112	405174	62.28	ng	0.00
7) Phenol-d6	6.34	99	533779	64.30	ng	-0.02
23) Nitrobenzene-d5	7.26	82	327705	46.34	ng	-0.02
41) 2,4,6-Tribromophenol	10.52	330	119445	62.86	ng	-0.01
44) 2-Fluorobiphenyl	9.06	172	590997	46.24	ng	-0.01
78) Terphenyl-d14	12.79	244	446447	39.14	ng	-0.01
Target Compounds						Qvalue
49) Dimethylphthalate	9.46	163	201240	14.355	ng	98
70) Phenanthrene	11.23	178	59073	3.802	ng	98
74) Fluoranthene	12.42	202	119575	7.201	ng	95
77) Pyrene	12.65	202	126425	6.302	ng	99
80) Benzo(a)anthracene	13.83	228	68000	4.033	ng	97
82) Chrysene	13.86	228	61826	3.700	ng	95
87) Benzo(b)fluoranthene	14.84	252	70367m	5.246	ng	
89) Benzo(a)pyrene	15.18	252	48875	4.044	ng	96
91) Benzo(g,h,i)perylene	16.99	276	22156	2.274	ng	91

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

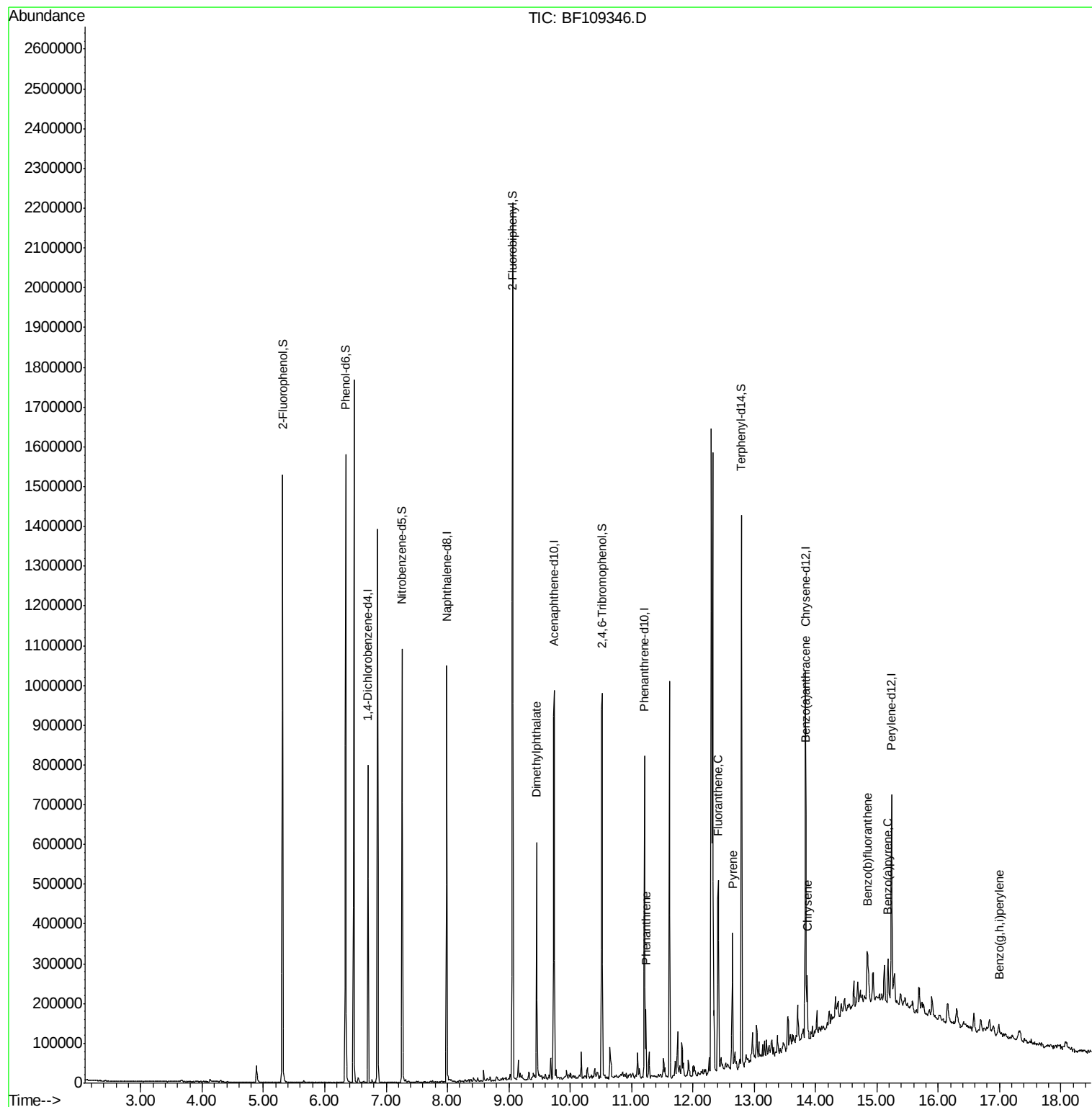
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092618\
Data File : BF109346.D
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Misc :
ALS Vial : 17 Sample Multiplier: 1

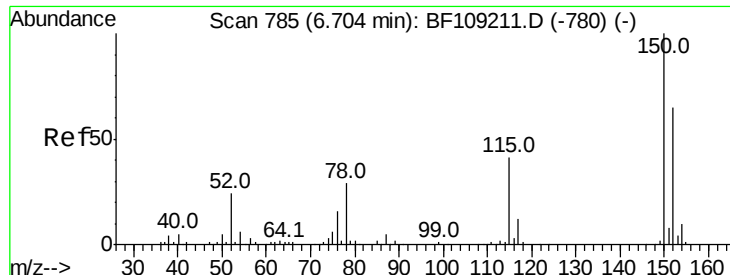
Instrument :
BNA_F
ClientSampleId :
CL-02-092518-A

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

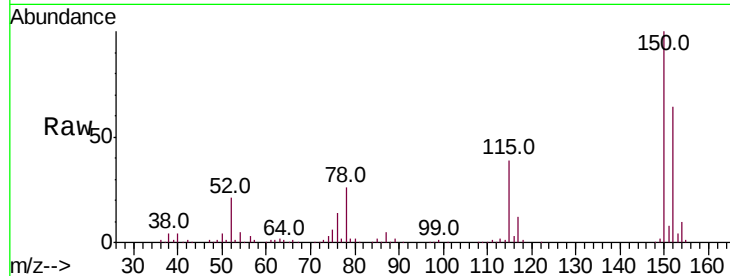
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.70 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF109346.D
Acq: 26 Sep 2018 19:29

Instrument :
BNA_F
ClientSampleId :
CL-02-092518-A

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.3	124.6	186.8
115	60.5	50.1	75.1

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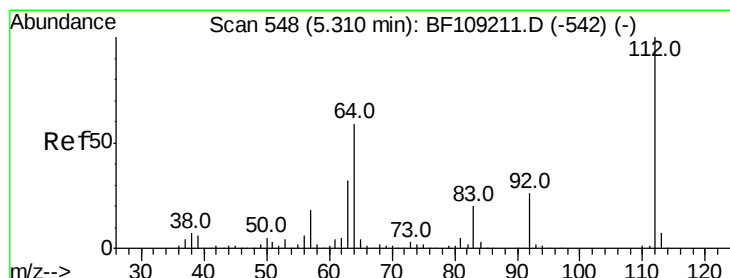
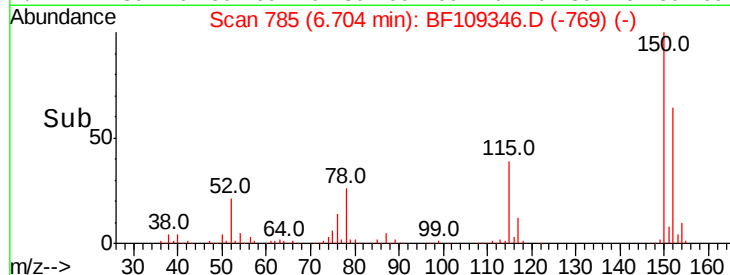
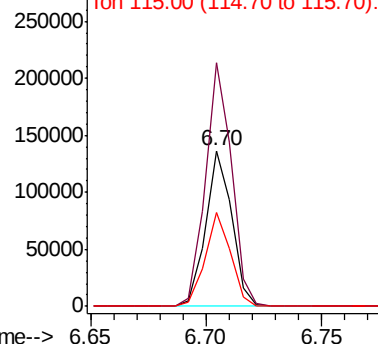


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

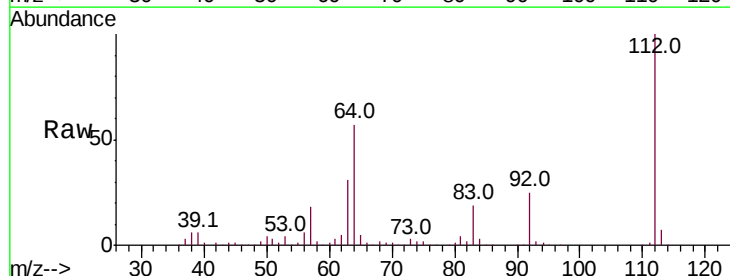
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 62.282 ng
RT: 5.31 min Scan# 548
Delta R.T. -0.01 min
Lab File: BF109346.D
Acq: 26 Sep 2018 19:29

Tgt Ion	Ratio	Lower	Upper
112	100		
64	57.2	47.9	71.9
63	30.6	23.7	35.5

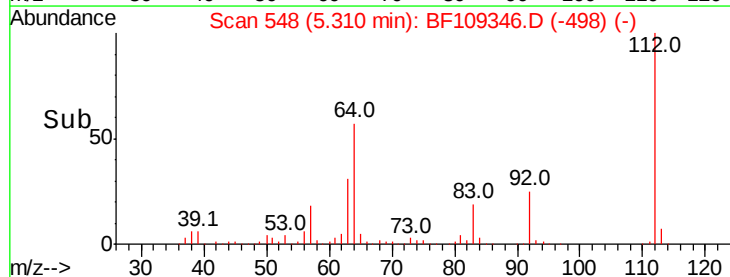
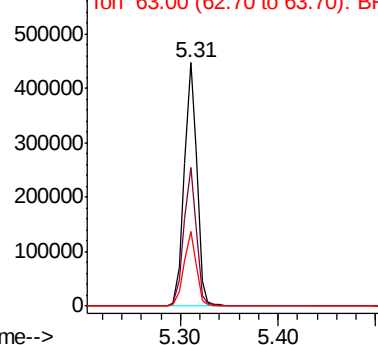


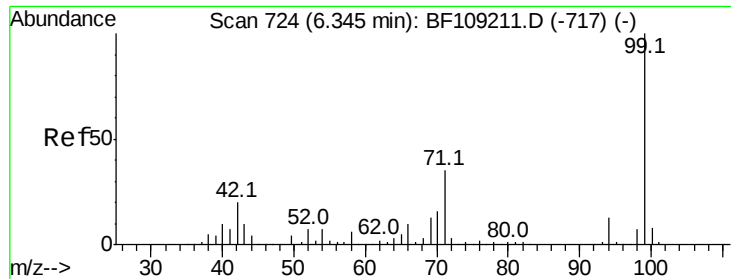
Abundance

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: 64.301 ng

RT: 6.34 min Scan# 723

Delta R.T. -0.02 min

Lab File: BF109346.D

Acq: 26 Sep 2018 19:29

Instrument :

BNA_F

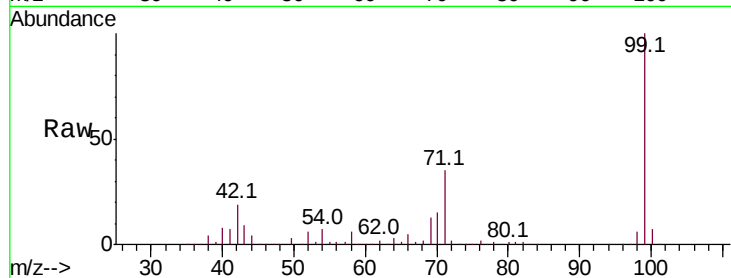
ClientSampleId :

CL-02-092518-A

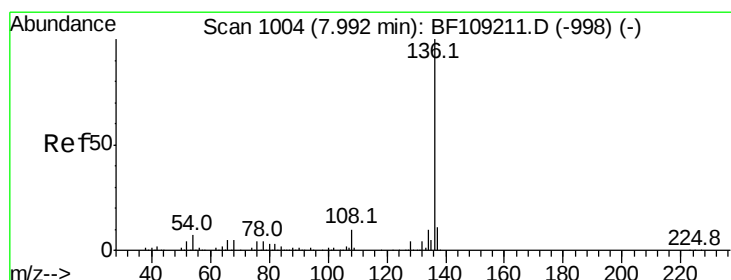
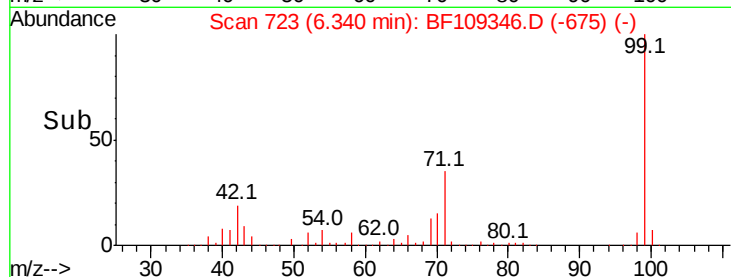
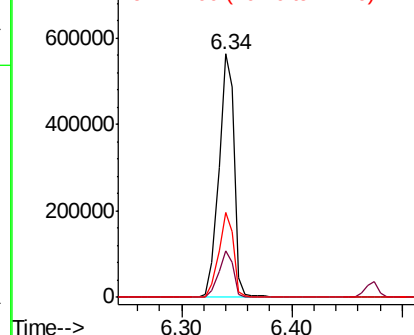
Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		533779		
42	19.1	14.5	21.7		
71	35.1	25.4	38.0		

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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: 7.99 min Scan# 1003

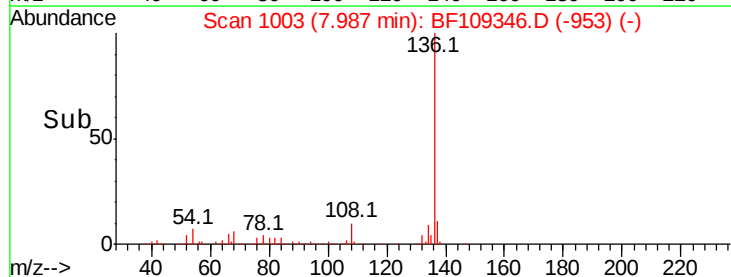
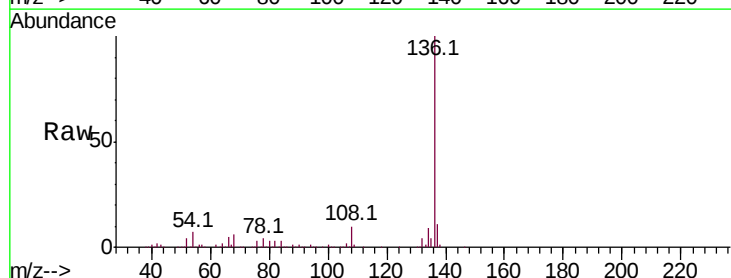
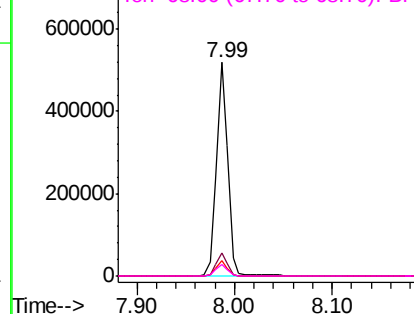
Delta R.T. -0.01 min

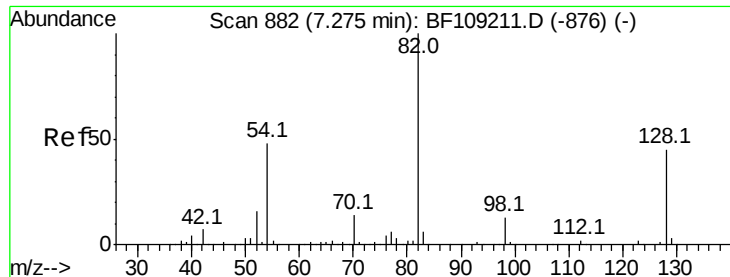
Lab File: BF109346.D

Acq: 26 Sep 2018 19:29

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
136	100		417427		
137	11.1	8.9	13.3		
54	7.1	6.6	9.8		
68	5.6	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





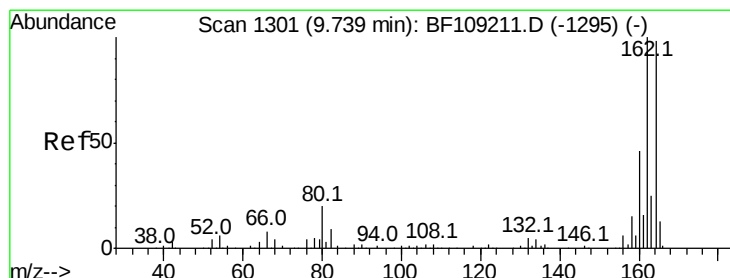
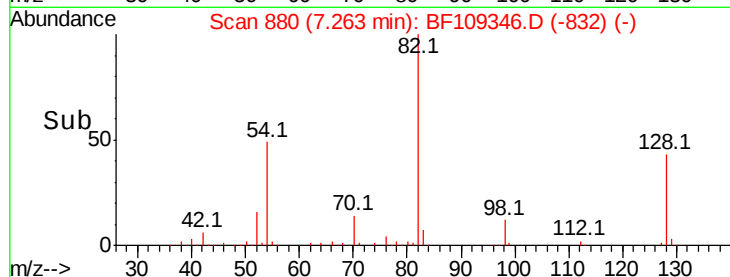
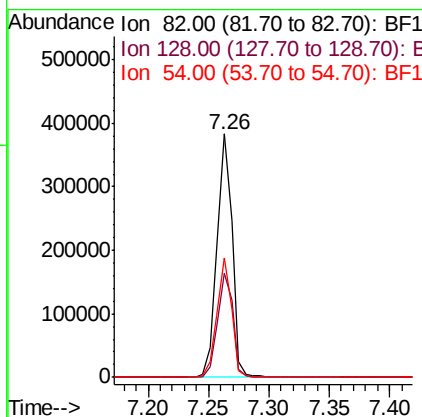
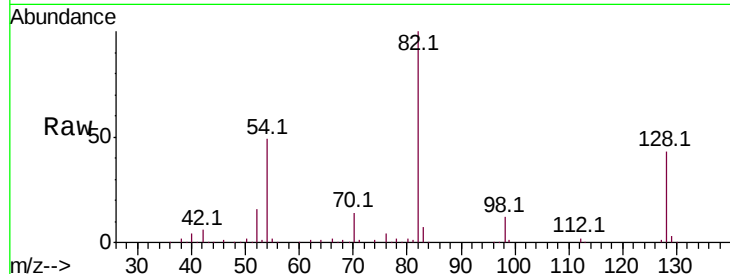
#23
 Nitrobenzene-d5
 Concen: 46.343 ng
 RT: 7.26 min Scan# 880
 Delta R.T. -0.02 min
 Lab File: BF109346.D
 Acq: 26 Sep 2018 19:29

Instrument :
 BNA_F
 ClientSampleId :
 CL-02-092518-A

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	42.6	36.1	54.1	
54	49.1	41.4	62.2	

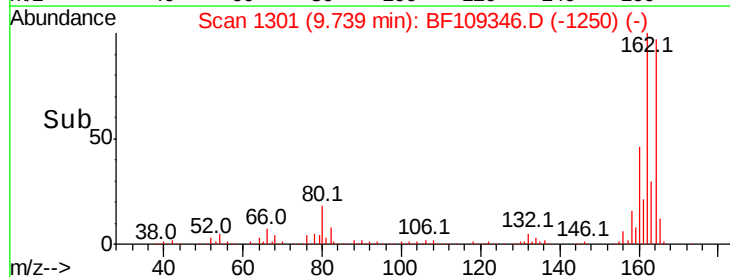
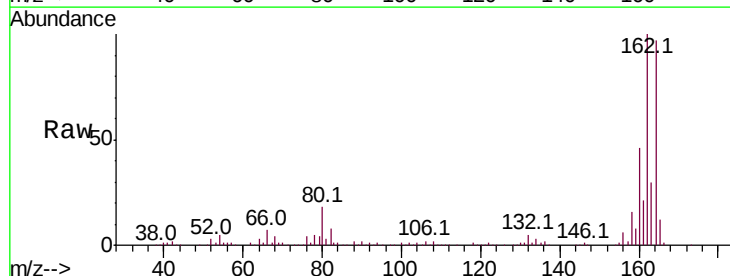
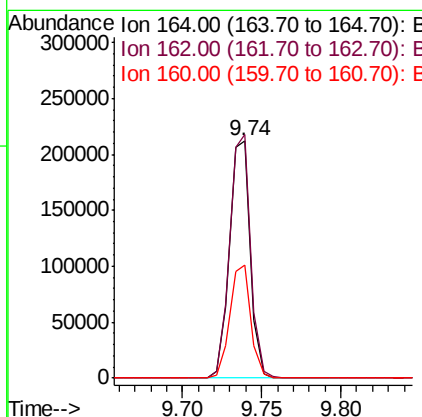
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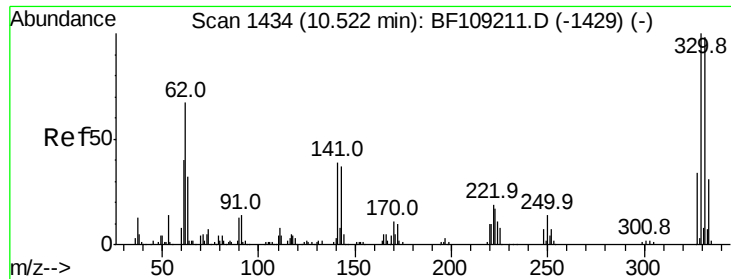
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#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.74 min Scan# 1301
 Delta R.T. 0.00 min
 Lab File: BF109346.D
 Acq: 26 Sep 2018 19:29

Tgt Ion	Ratio	Resp	Lower	Upper
164	100			
162	102.6	86.1	129.1	
160	47.5	38.3	57.5	





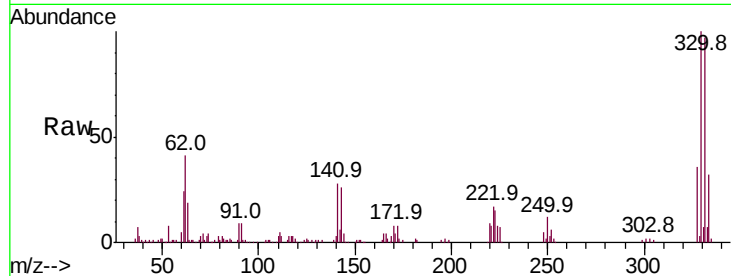
#41
 2,4,6-Tribromophenol
 Concen: 62.862 ng
 RT: 10.52 min Scan# 1434
 Delta R.T. -0.01 min
 Lab File: BF109346.D
 Acq: 26 Sep 2018 19:29

Instrument :
 BNA_F
 ClientSampleId :
 CL-02-092518-A

Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	96.8	77.0	115.6	
141	33.5	29.9	44.9	

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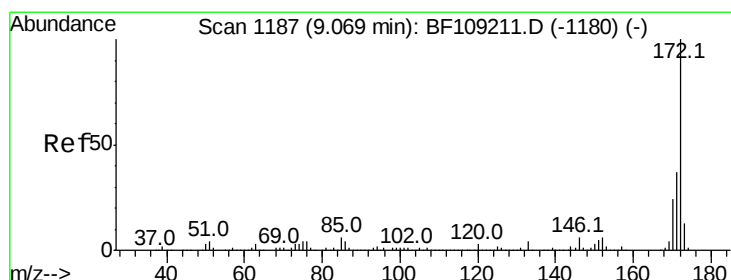
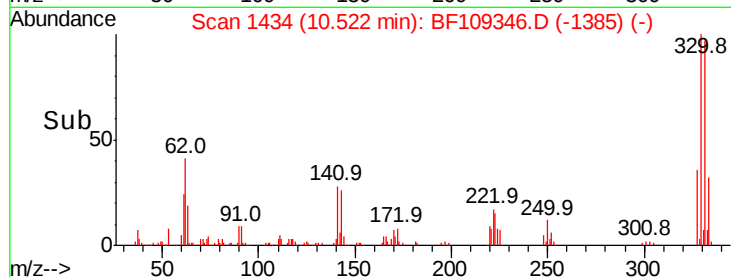
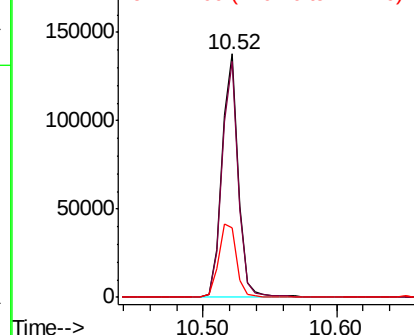


Abundance

Ion 329.80 (329.50 to 330.50): E

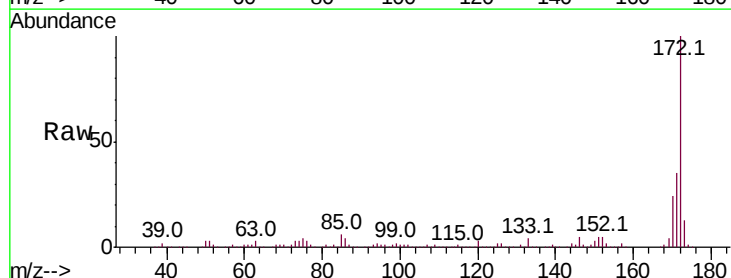
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 46.243 ng
 RT: 9.06 min Scan# 1186
 Delta R.T. -0.01 min
 Lab File: BF109346.D
 Acq: 26 Sep 2018 19:29

Tgt Ion	Ratio	Resp	Lower	Upper
172	100			
171	34.9	29.7	44.5	
170	23.7	19.6	29.4	

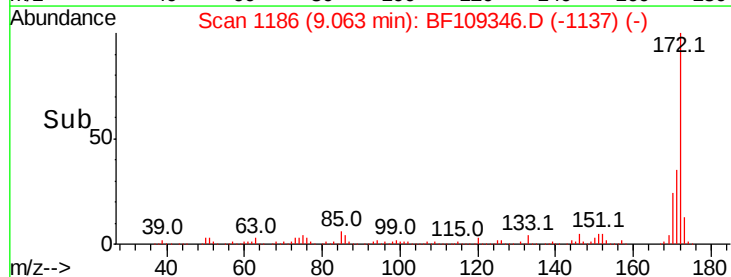
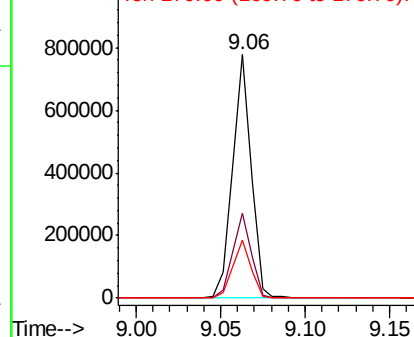


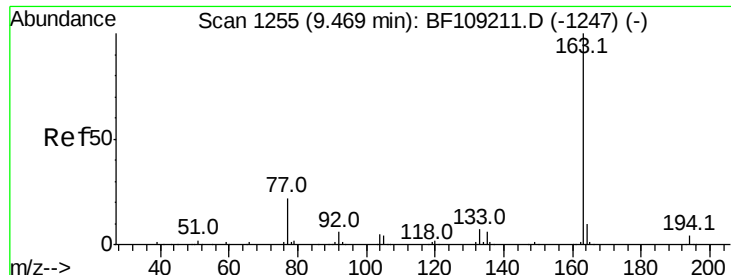
Abundance

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





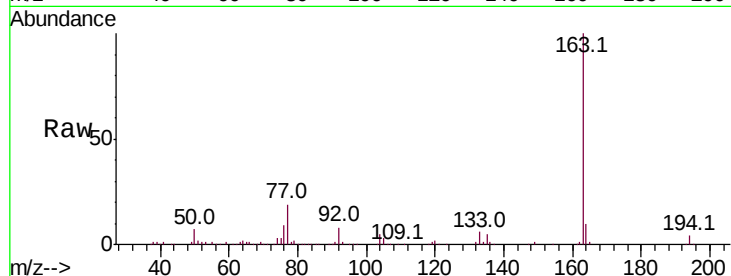
#49
Dimethylphthalate
Concen: 14.355 ng
RT: 9.46 min Scan# 1253
Delta R.T. -0.02 min
Lab File: BF109346.D
Acq: 26 Sep 2018 19:29

Instrument :
BNA_F
ClientSampleId :
CL-02-092518-A

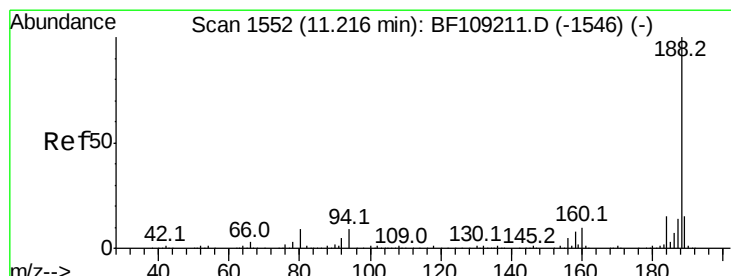
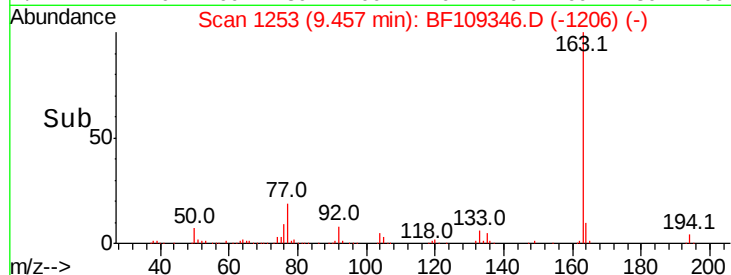
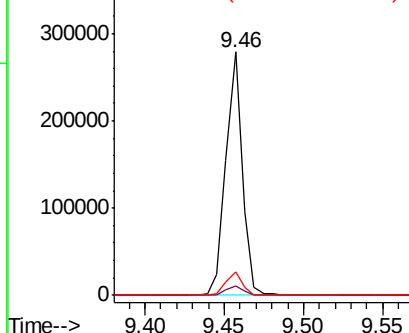
Tot Ion	Ratio	Resp	Lower	Upper
163	100	201240		
194	3.9	2.7	4.1	
164	9.6	8.2	12.2	

Manual Integrations
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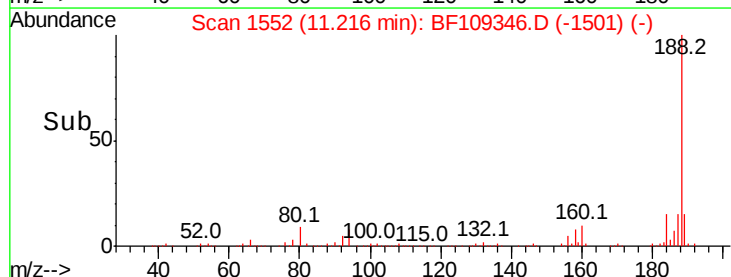
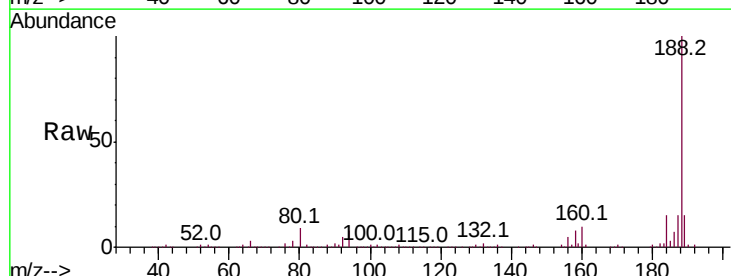
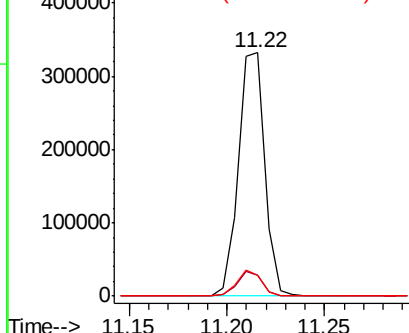
Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

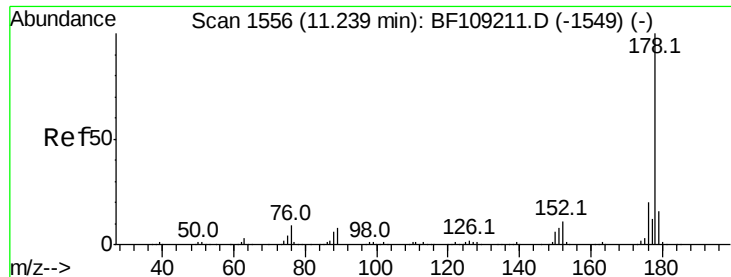


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.22 min Scan# 1552
Delta R.T. 0.00 min
Lab File: BF109346.D
Acq: 26 Sep 2018 19:29

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	311205		
94	8.4	8.5	12.7#	
80	8.8	9.2	13.8#	

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





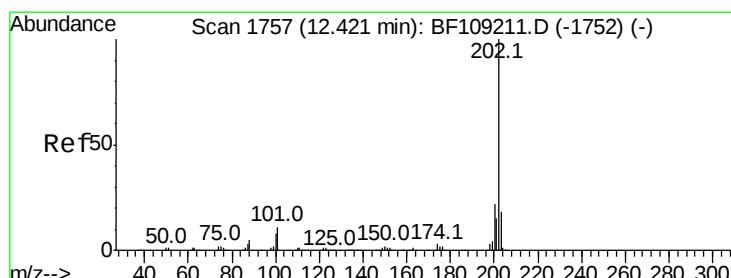
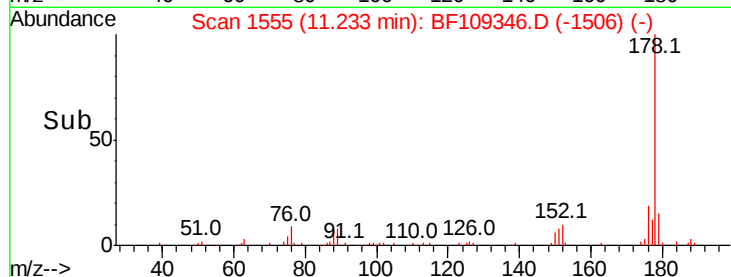
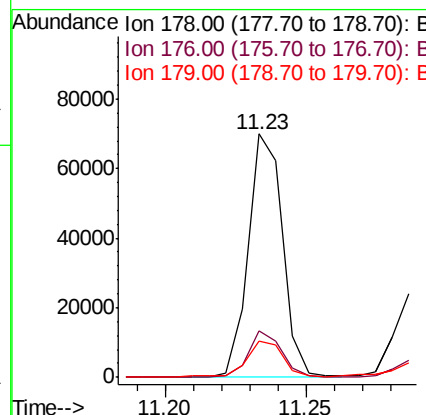
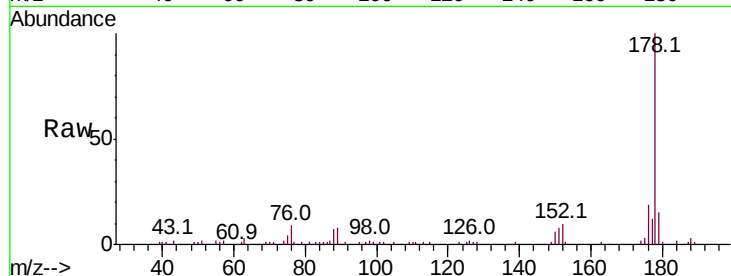
#70
Phenanthrene
Concen: 3.802 ng
RT: 11.23 min Scan# 1555
Delta R.T. -0.01 min
Lab File: BF109346.D
Acq: 26 Sep 2018 19:29

Instrument :
BNA_F
ClientSampleId :
CL-02-092518-A

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.8	23.8
179	15.1	13.0	19.6

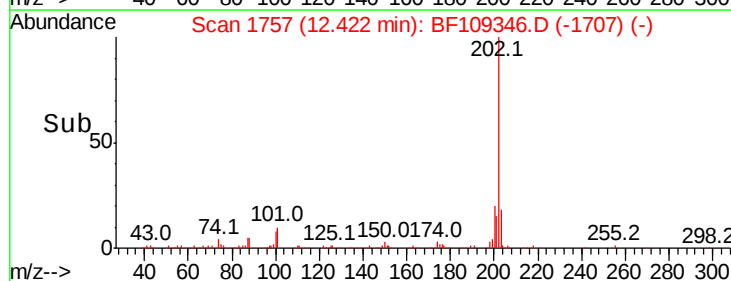
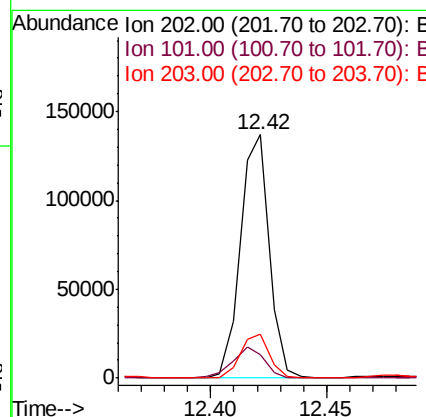
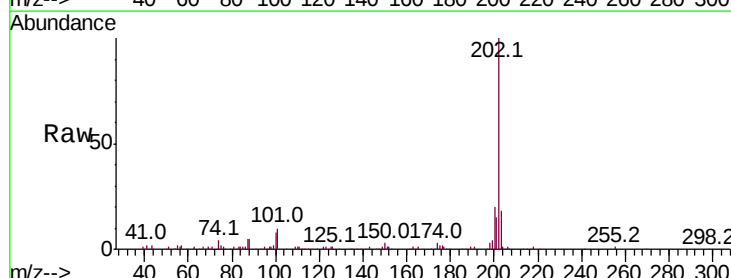
Manual Integrations
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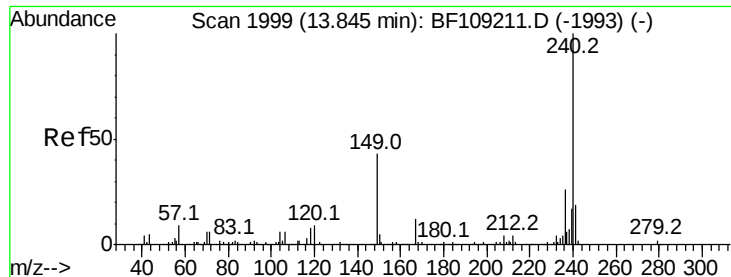
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#74
Fluoranthene
Concen: 7.201 ng
RT: 12.42 min Scan# 1757
Delta R.T. -0.01 min
Lab File: BF109346.D
Acq: 26 Sep 2018 19:29

Tgt Ion	Ratio	Lower	Upper
202	100		
101	9.7	0.0	34.1
203	17.8	0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.84 min Scan# 1998

Delta R.T. -0.01 min

Lab File: BF109346.D

Acq: 26 Sep 2018 19:29

Instrument :

BNA_F

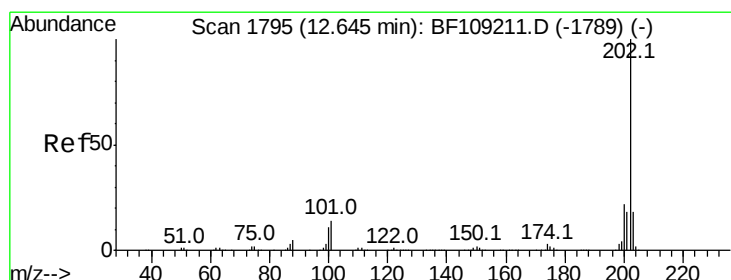
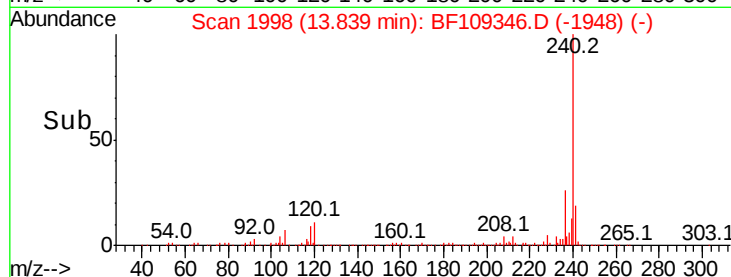
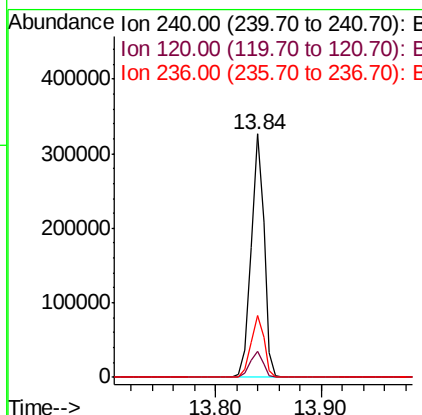
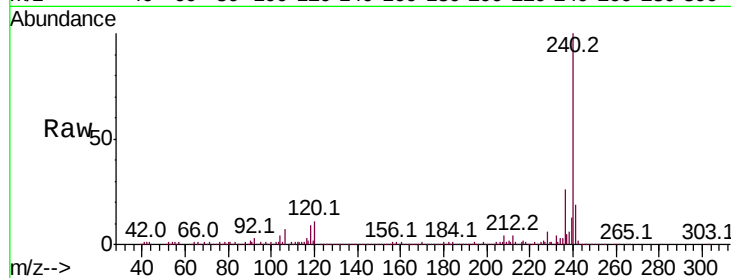
ClientSampleId :

CL-02-092518-A

Tot Ion:	240	Resp:	279902
Ion Ratio	Lower	Upper	
240	100		
120	10.8	9.5	14.3
236	25.6	20.7	31.1

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#77

Pyrene

Concen: 6.302 ng

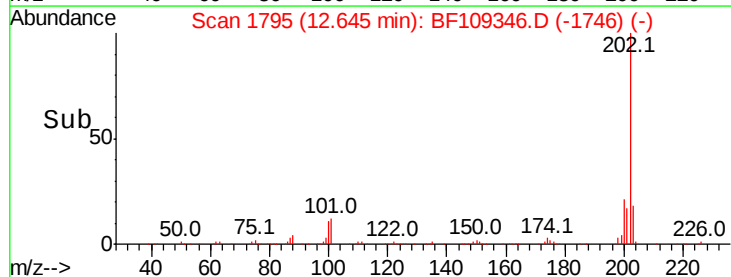
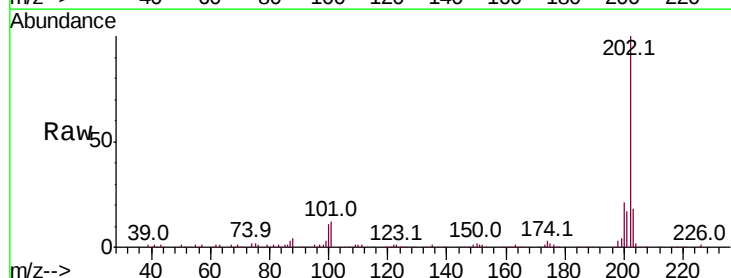
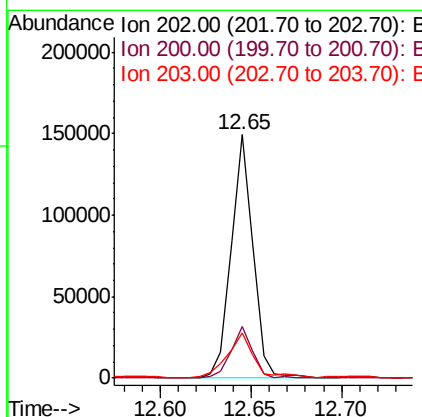
RT: 12.65 min Scan# 1795

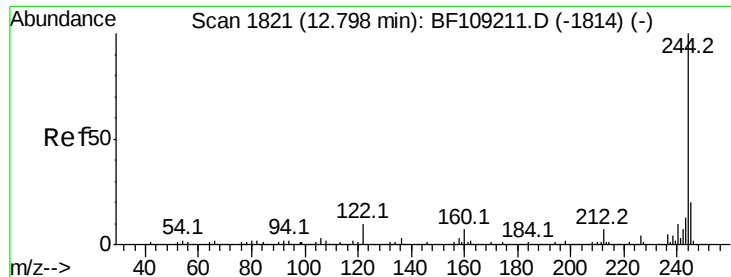
Delta R.T. -0.01 min

Lab File: BF109346.D

Acq: 26 Sep 2018 19:29

Tgt Ion:	202	Resp:	126425
Ion Ratio	Lower	Upper	
202	100		
200	21.0	17.4	26.2
203	18.4	14.3	21.5





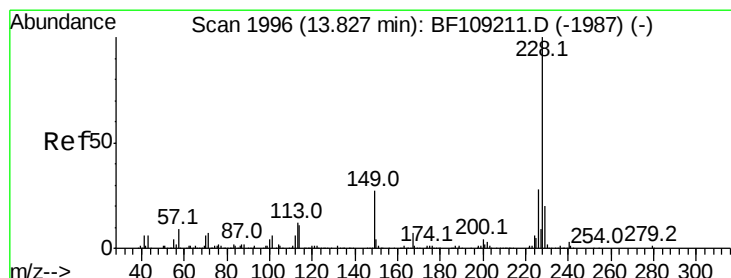
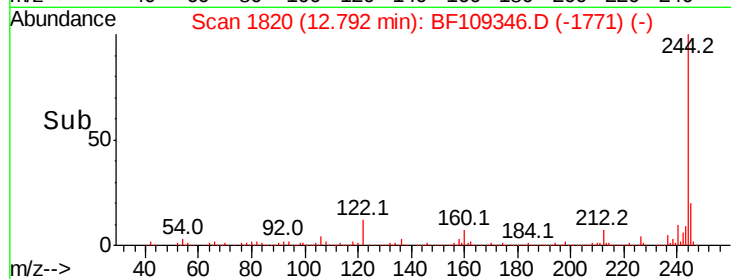
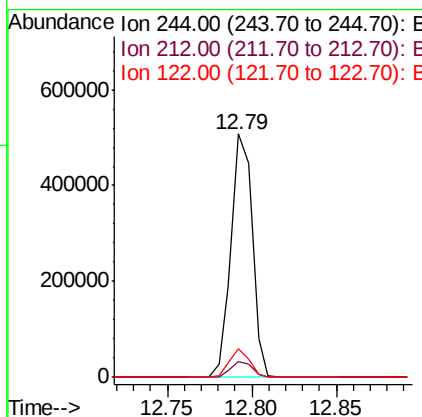
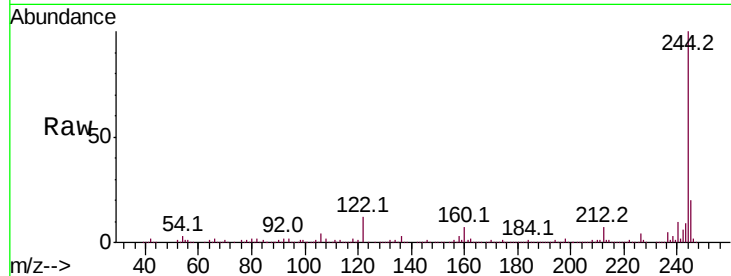
#78
 Terphenyl-d14
 Concen: 39.144 ng
 RT: 12.79 min Scan# 1820
 Delta R.T. -0.01 min
 Lab File: BF109346.D
 Acq: 26 Sep 2018 19:29

Instrument :
 BNA_F
 ClientSampleId :
 CL-02-092518-A

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.4	8.0
122	11.8	11.0	16.4

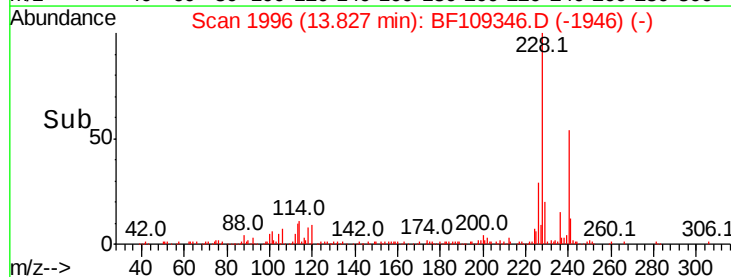
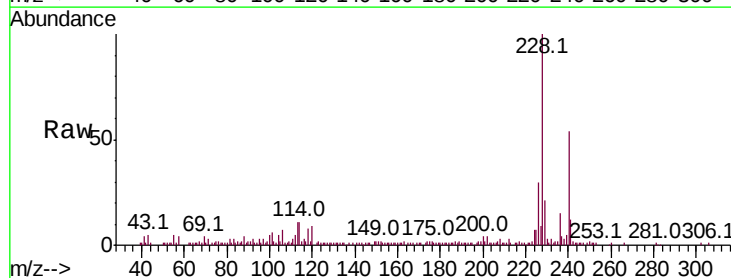
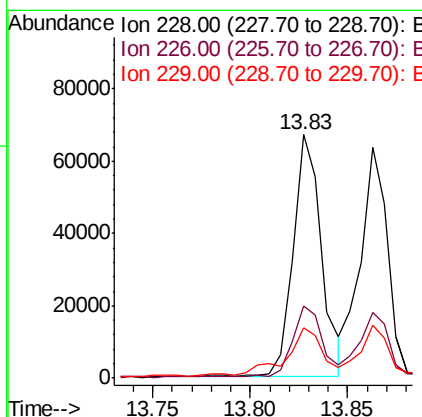
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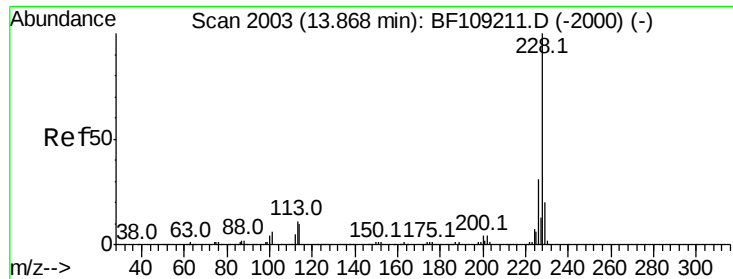
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#80
 Benzo(a)anthracene
 Concen: 4.033 ng
 RT: 13.83 min Scan# 1996
 Delta R.T. -0.01 min
 Lab File: BF109346.D
 Acq: 26 Sep 2018 19:29

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.6	22.6	33.8
229	20.8	15.8	23.6





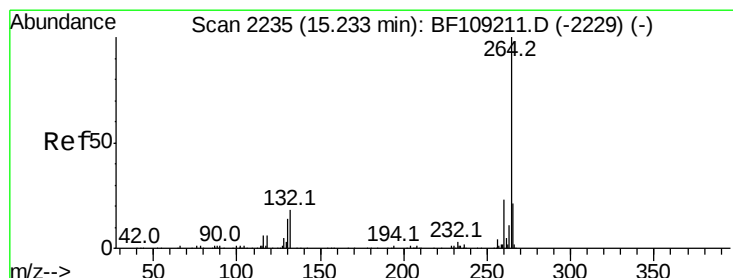
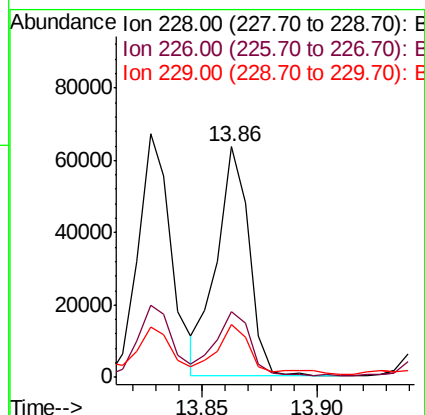
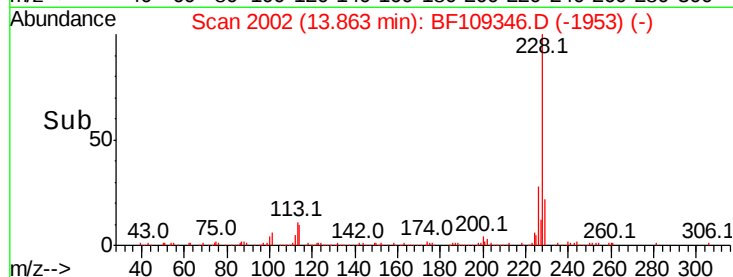
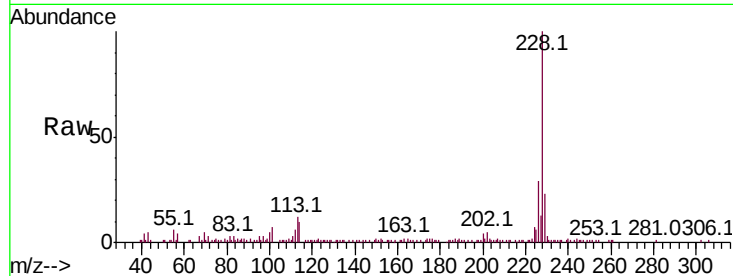
#82
Chrysene
Concen: 3.700 ng
RT: 13.86 min Scan# 2002
Delta R.T. -0.01 min
Lab File: BF109346.D
Acq: 26 Sep 2018 19:29

Instrument :
BNA_F
ClientSampleId :
CL-02-092518-A

Tot Ion:	228	Resp:	61826
Ion Ratio	Lower	Upper	
228	100		
226	28.6	25.0	37.6
229	22.9	16.2	24.4

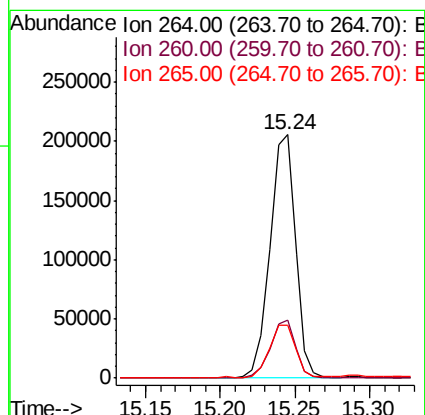
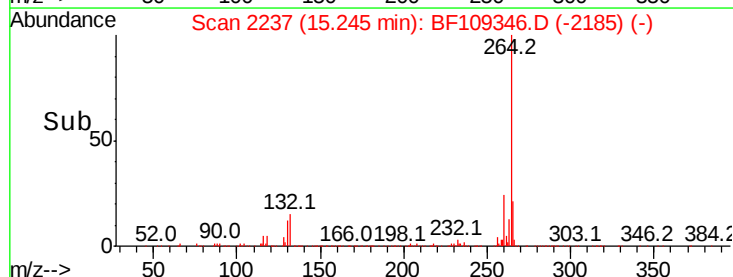
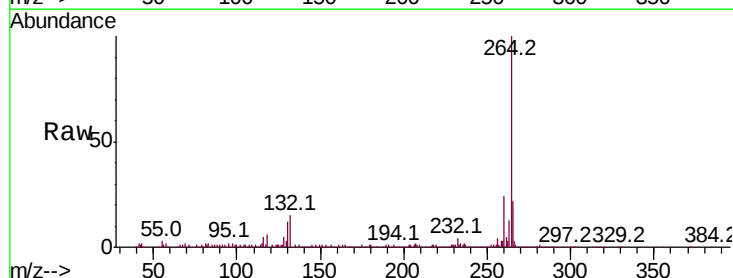
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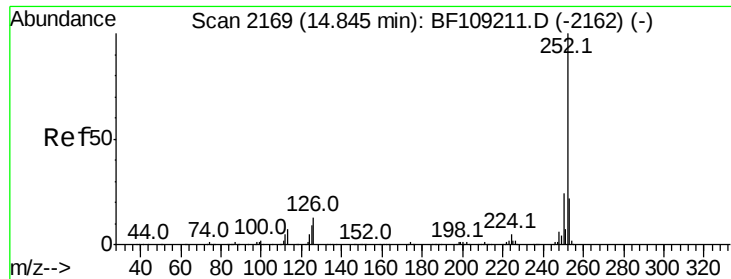
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#86
Perylene-d12
Concen: 20.000 ng
RT: 15.24 min Scan# 2237
Delta R.T. 0.01 min
Lab File: BF109346.D
Acq: 26 Sep 2018 19:29

Tgt Ion:	264	Resp:	244088
Ion Ratio	Lower	Upper	
264	100		
260	24.0	19.2	28.8
265	21.6	17.5	26.3





#87

Benzo(b)fluoranthene

Concen: 5.246 ng

RT: 14.84 min Scan# 2169

Delta R.T. -0.01 min

Lab File: BF109346.D

Acq: 26 Sep 2018 19:29

Instrument :

BNA_F

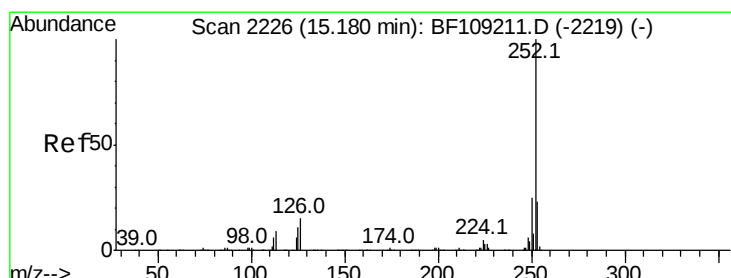
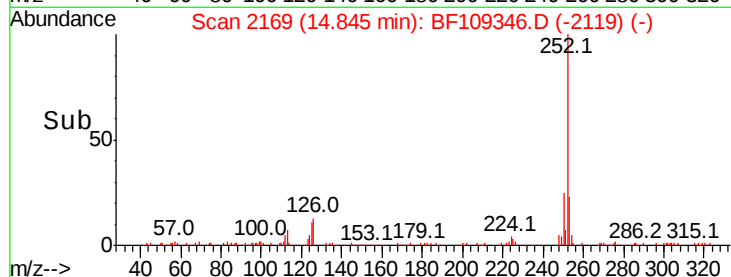
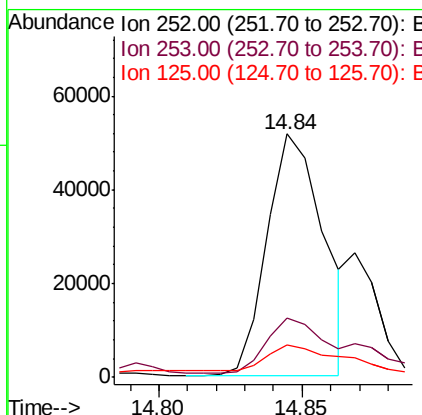
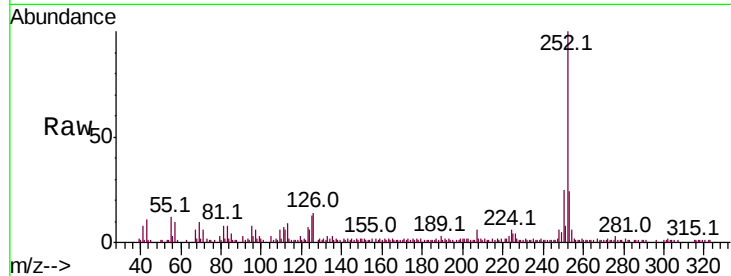
ClientSampleId :

CL-02-092518-A

Tot Ion:	252	Resp:	70367
Ion Ratio	Lower	Upper	
252	100		
253	24.5	17.0	25.6
125	13.3	9.0	13.6

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#89

Benzo(a)pyrene

Concen: 4.044 ng

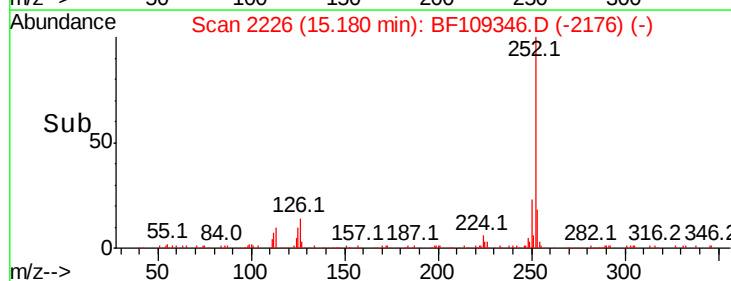
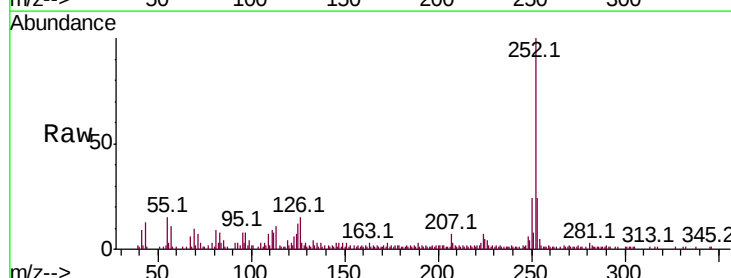
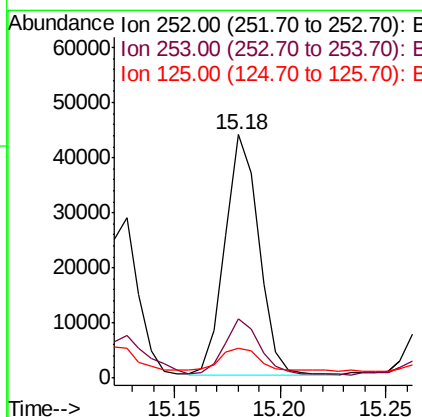
RT: 15.18 min Scan# 2226

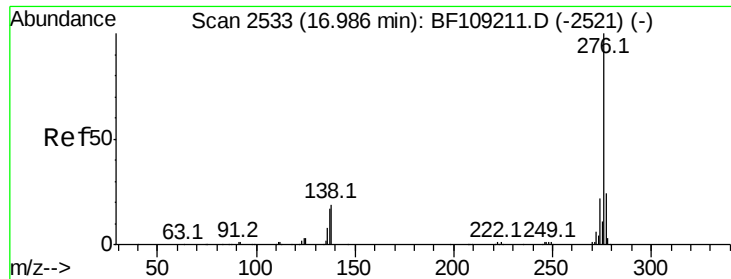
Delta R.T. -0.01 min

Lab File: BF109346.D

Acq: 26 Sep 2018 19:29

Tgt Ion:	252	Resp:	48875
Ion Ratio	Lower	Upper	
252	100		
253	24.3	17.1	25.7
125	12.4	9.8	14.6





#91
 Benzo(a,h,i)perylene
 Concen: 2.274 ng
 RT: 16.99 min Scan# 2534
 Delta R.T. -0.01 min
 Lab File: BF109346.D
 Acq: 26 Sep 2018 19:29

Instrument :
 BNA_F
 ClientSampleId :
 CL-02-092518-A

Tot Ion	Ratio	Lower	Upper
276	100		
277	26.5	17.9	26.9
138	22.1	21.8	32.8

Manual Integrations
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