

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101518\
 Data File : BF109898.D
 Acq On : 15 Oct 2018 23:56
 Operator : JU/SJ
 Sample : J5198-19 2X
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CL-02-101218-E

Manual Integrations
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Sohil
 10/16/2018 9:57:49 AM

Quant Time: Oct 16 09:09:42 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF101518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 15 18:09:48 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.98	152	194950	20.00	ng	0.00
21) Naphthalene-d8	8.26	136	654515	20.00	ng	0.00
39) Acenaphthene-d10	10.02	164	268443	20.00	ng	0.00
64) Phenanthrene-d10	11.51	188	558917	20.00	ng	0.00
76) Chrysene-d12	14.15	240	546118	20.00	ng	0.00
87) Perylene-d12	15.68	264	348700	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	570644	46.40	ng	0.00
7) Phenol-d6	6.59	99	651949	42.69	ng	0.00
23) Nitrobenzene-d5	7.53	82	344394	35.45	ng	-0.01
42) 2,4,6-Tribromophenol	10.80	330	119557	51.44	ng	0.00
45) 2-Fluorobiphenyl	9.33	172	551427	32.78	ng	0.00
79) Terphenyl-d14	13.09	244	669941	25.76	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.72	163	60361	3.176	ng	99
71) Phenanthrene	11.53	178	57872	2.000	ng	99
75) Fluoranthene	12.72	202	149155	5.160	ng	97
78) Pyrene	12.96	202	180311	4.495	ng	98
81) Benzo(a)anthracene	14.14	228	69440	2.159	ng	# 90
83) Chrysene	14.18	228	66301	2.165	ng	# 95
88) Benzo(b)fluoranthene	15.22	252	57535m	2.862	ng	
90) Benzo(a)pyrene	15.61	252	42712	2.310	ng	# 76

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

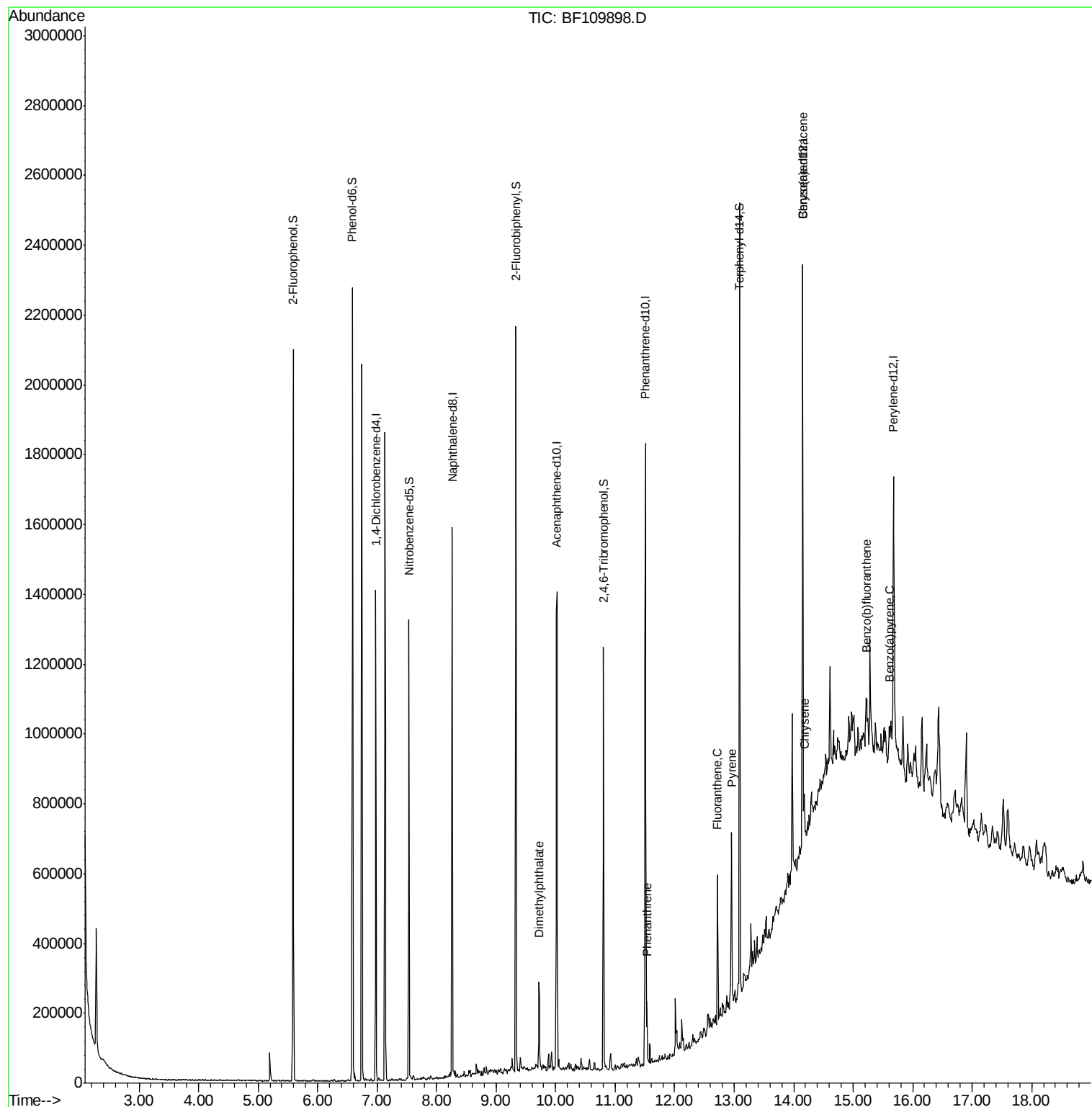
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101518\
Data File : BF109898.D
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Misc :
ALS Vial : 22 Sample Multiplier: 1

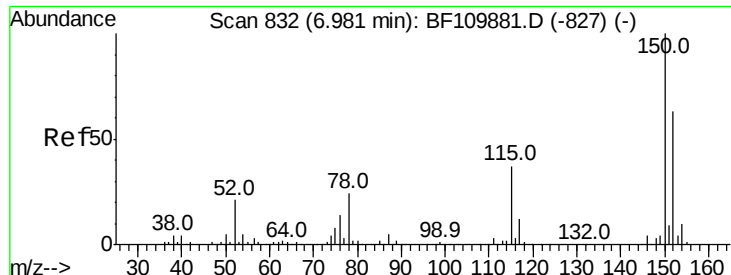
Instrument :
BNA_F
ClientSampleId :
CL-02-101218-E

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF101518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

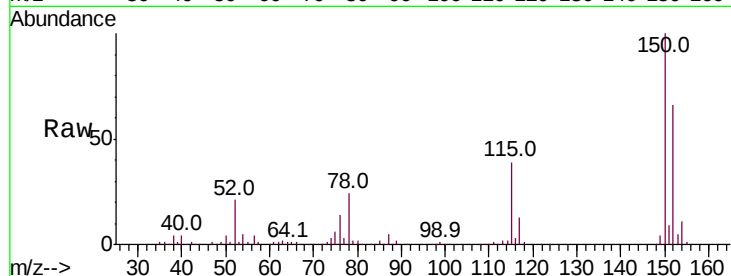
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.98 min Scan# 832
Delta R.T. -0.00 min
Lab File: BF109898.D
Acq: 15 Oct 2018 23:56

Instrument :
BNA_F
ClientSampleId :
CL-02-101218-E

Tot Ion	Ratio	Lower	Upper
152	100		
150	151.4	122.7	184.1
115	58.6	49.1	73.7

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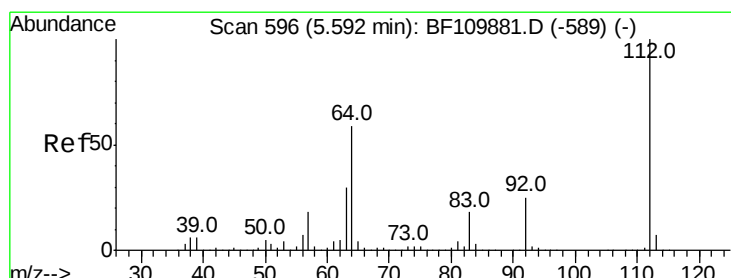
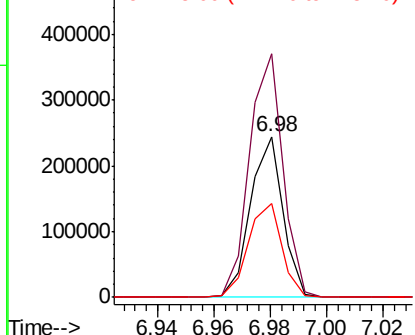
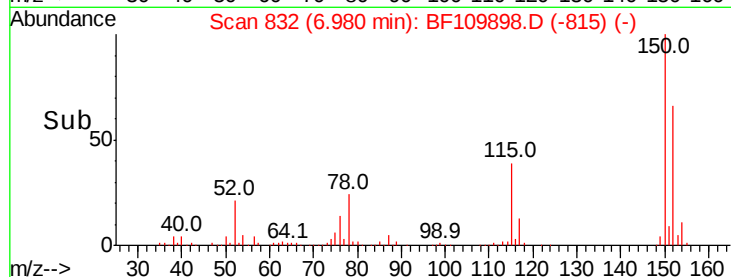


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

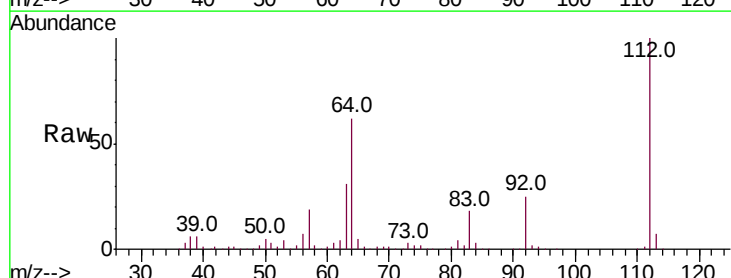
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 46.399 ng
RT: 5.59 min Scan# 595
Delta R.T. -0.01 min
Lab File: BF109898.D
Acq: 15 Oct 2018 23:56

Tgt Ion	Ratio	Lower	Upper
112	100		
64	61.9	44.1	66.1
63	31.1	23.7	35.5

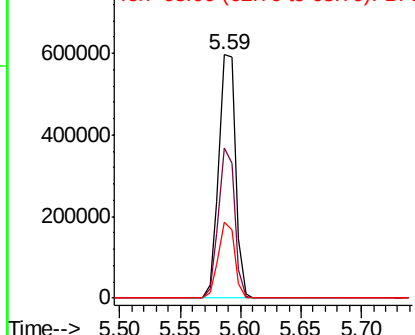
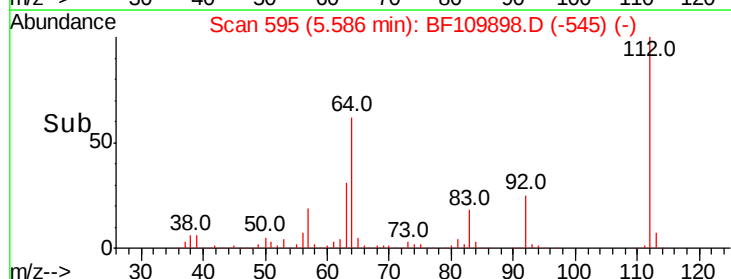


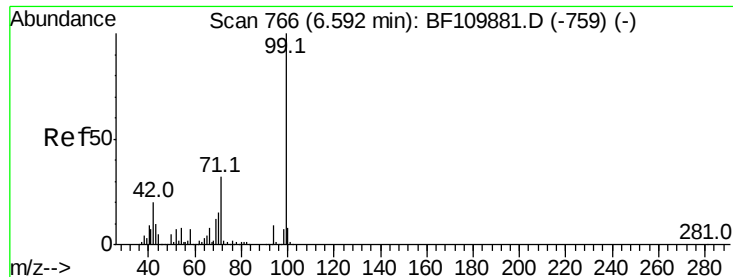
Abundance

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: 42.690 ng

RT: 6.59 min Scan# 765

Delta R.T. -0.01 min

Lab File: BF109898.D

Acq: 15 Oct 2018 23:56

Instrument :

BNA_F

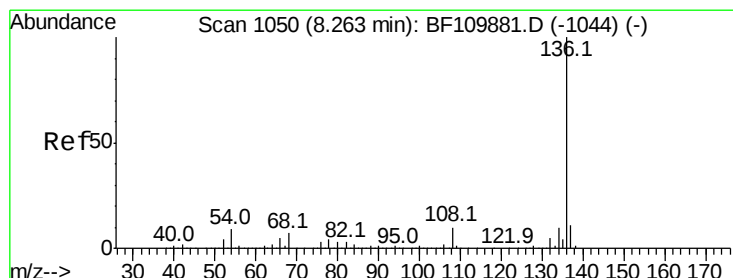
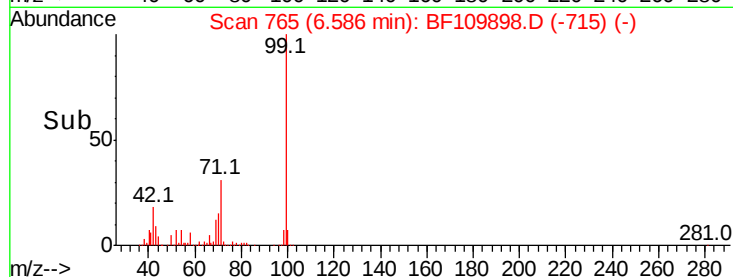
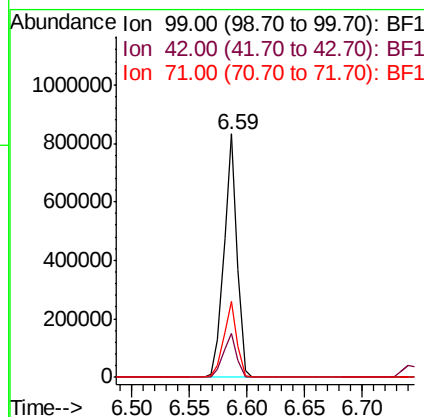
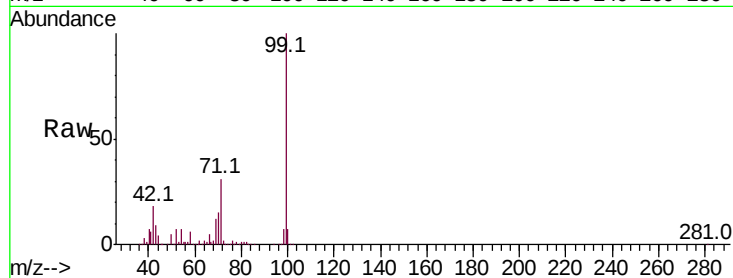
ClientSampleId :

CL-02-101218-E

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		651949		
42	18.0	15.8	23.6		
71	31.1	28.0	42.0		

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#21

Naphthalene-d8

Concen: 20.000 ng

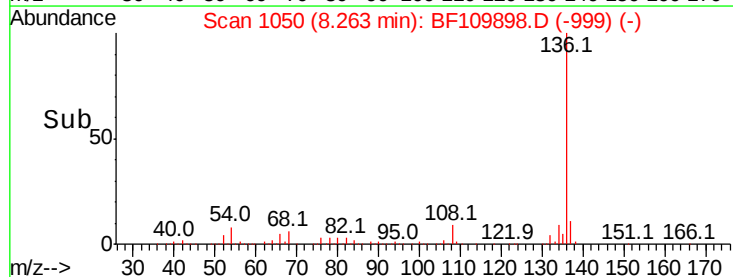
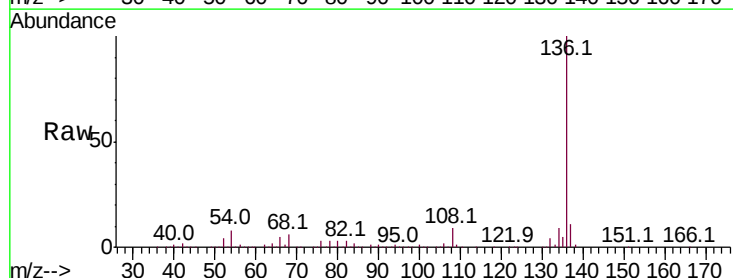
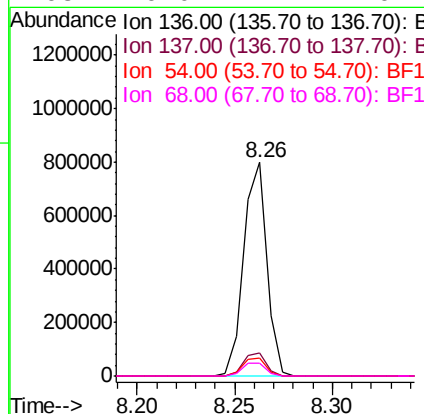
RT: 8.26 min Scan# 1050

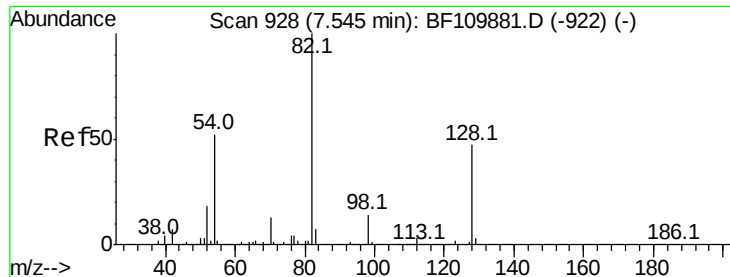
Delta R.T. -0.00 min

Lab File: BF109898.D

Acq: 15 Oct 2018 23:56

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
136	100		654515		
137	10.7	8.8	13.2		
54	8.2	5.4	8.2		
68	6.0	4.2	6.2		





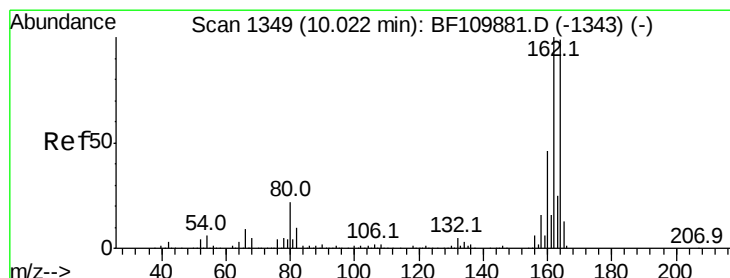
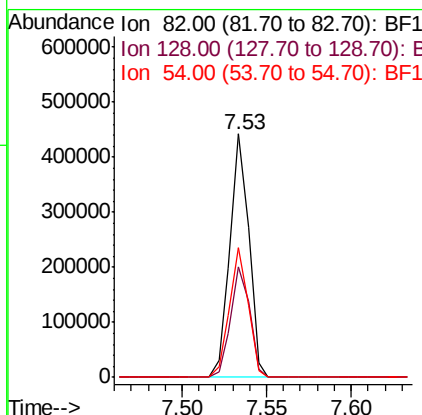
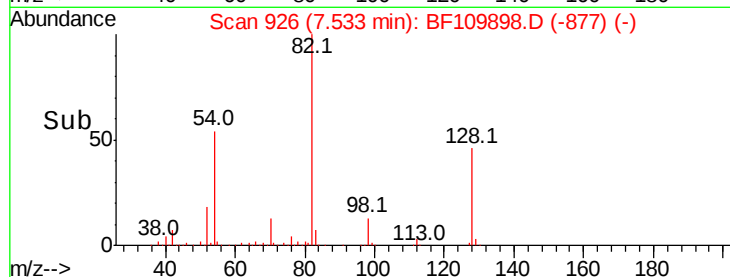
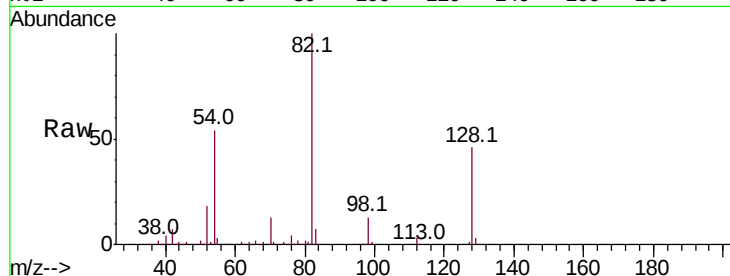
#23
 Nitrobenzene-d5
 Concen: 35.446 ng
 RT: 7.53 min Scan# 926
 Delta R.T. -0.01 min
 Lab File: BF109898.D
 Acq: 15 Oct 2018 23:56

Instrument :
 BNA_F
 ClientSampleId :
 CL-02-101218-E

Tot Ion	Ratio	Lower	Upper
82	100		
128	45.6	34.2	51.2
54	53.5	38.6	58.0

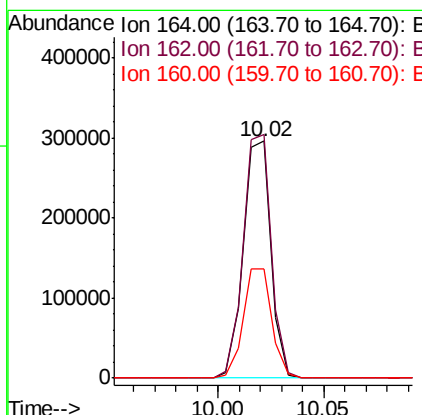
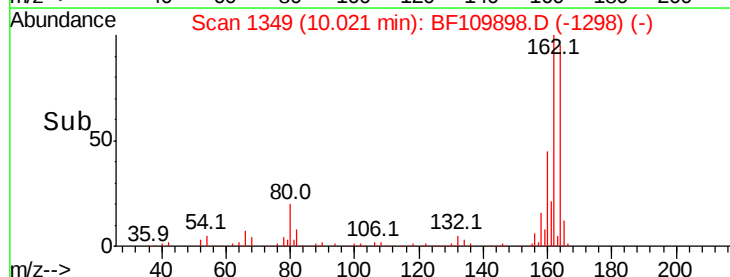
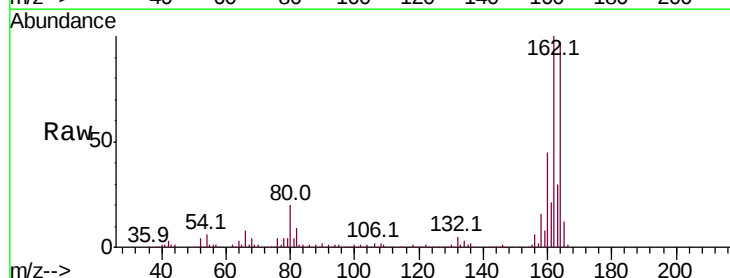
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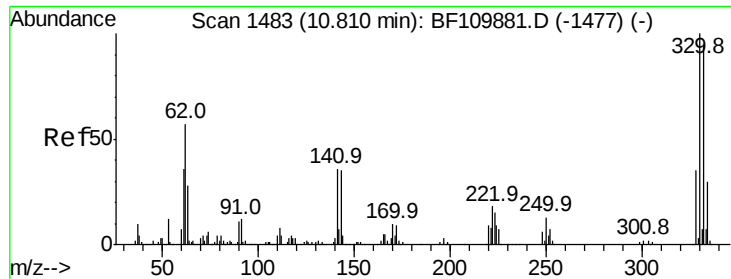
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#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.02 min Scan# 1349
 Delta R.T. -0.00 min
 Lab File: BF109898.D
 Acq: 15 Oct 2018 23:56

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.8	83.0	124.6
160	46.3	37.0	55.6





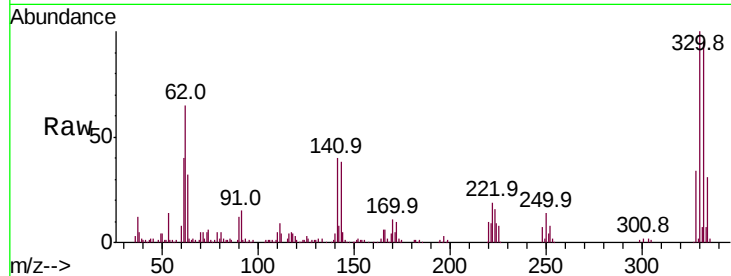
#42
 2,4,6-Tribromophenol
 Concen: 51.442 ng
 RT: 10.80 min Scan# 1482
 Delta R.T. -0.01 min
 Lab File: BF109898.D
 Acq: 15 Oct 2018 23:56

Instrument :
 BNA_F
 ClientSampleId :
 CL-02-101218-E

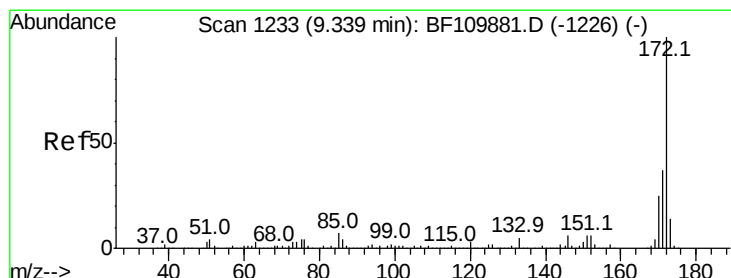
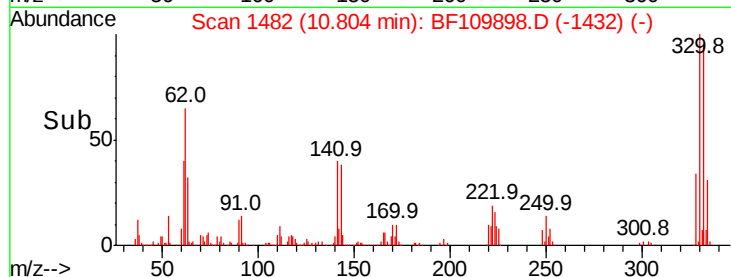
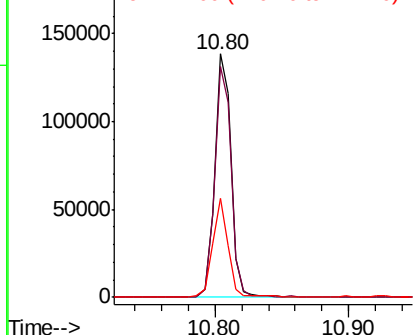
Tot Ion	Ratio	Resp	Lower	Upper
330	100	119557		
332	95.3	77.1	115.7	
141	38.9	27.0	40.4	

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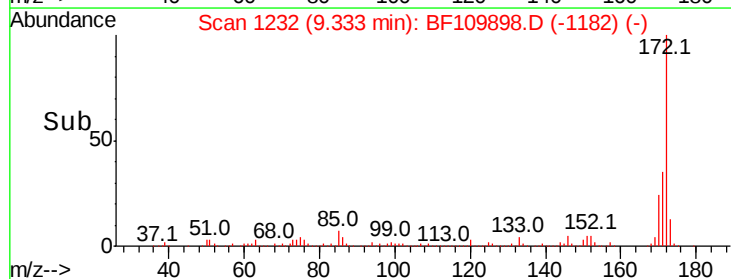
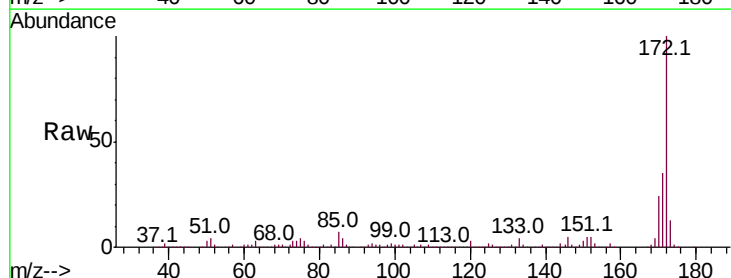
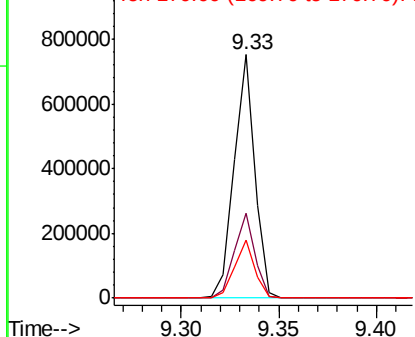
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

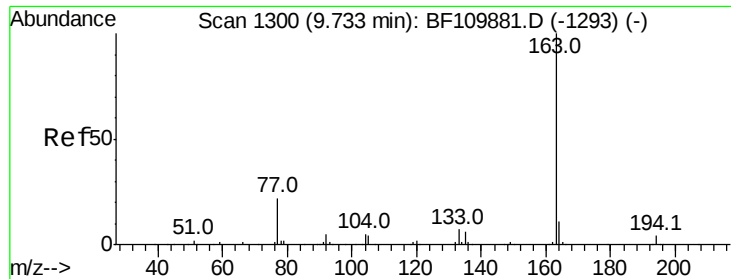


#45
 2-Fluorobiphenyl
 Concen: 32.777 ng
 RT: 9.33 min Scan# 1232
 Delta R.T. -0.01 min
 Lab File: BF109898.D
 Acq: 15 Oct 2018 23:56

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	551427		
171	35.0	28.6	43.0	
170	23.6	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





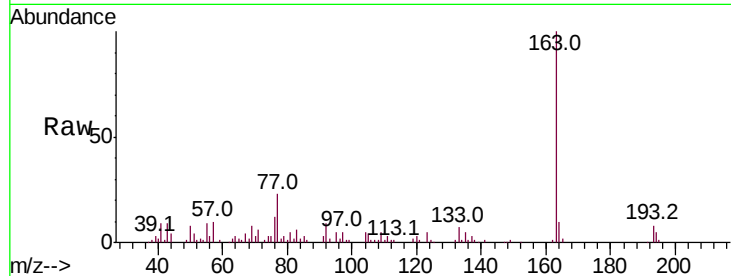
#50
 Dimethylphthalate
 Concen: 3.176 ng
 RT: 9.72 min Scan# 1298
 Delta R.T. -0.01 min
 Lab File: BF109898.D
 Acq: 15 Oct 2018 23:56

Instrument :
 BNA_F
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 CL-02-101218-E

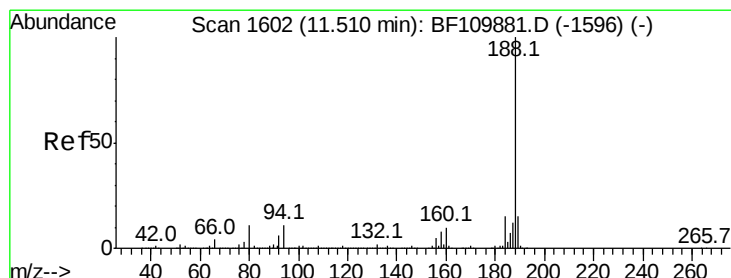
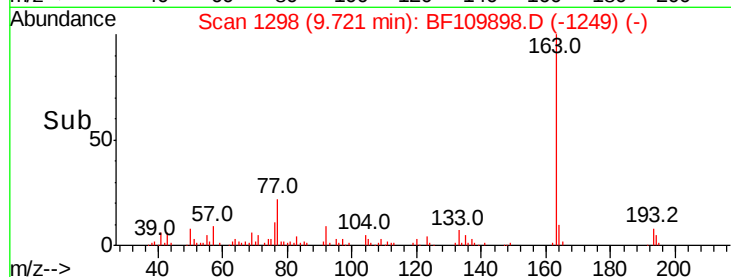
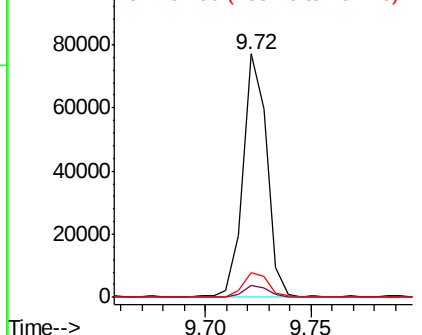
Tot Ion:	163	Resp:	60361
Ion Ratio	Lower	Upper	
163	100		
194	4.7	3.2	4.8
164	10.4	8.1	12.1

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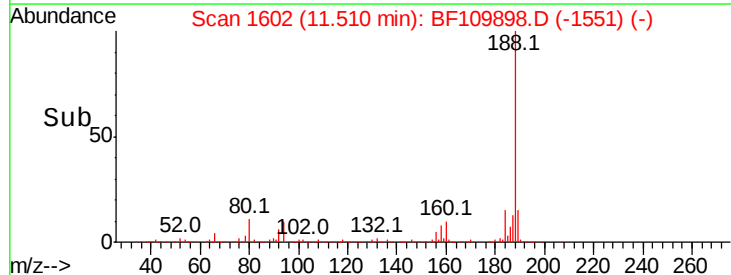
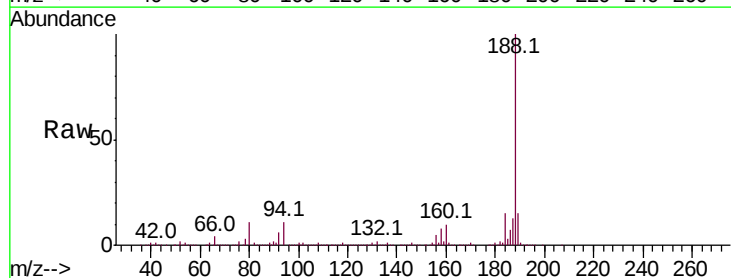
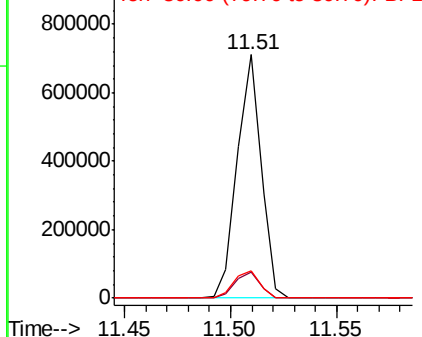
Abundance Ion 163.00 (162.70 to 163.70): E
 Ion 194.00 (193.70 to 194.70): E
 Ion 164.00 (163.70 to 164.70): E

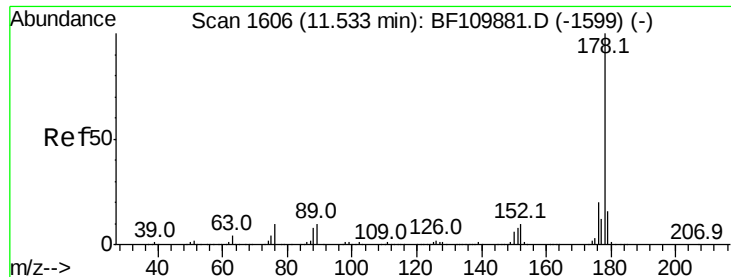


#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.51 min Scan# 1602
 Delta R.T. -0.00 min
 Lab File: BF109898.D
 Acq: 15 Oct 2018 23:56

Tgt Ion:	188	Resp:	558917
Ion Ratio	Lower	Upper	
188	100		
94	10.5	7.2	10.8
80	11.1	7.9	11.9

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





#71

Phenanthrene

Concen: 2.000 ng

RT: 11.53 min Scan# 1606

Delta R.T. -0.00 min

Lab File: BF109898.D

Acq: 15 Oct 2018 23:56

Instrument :

BNA_F

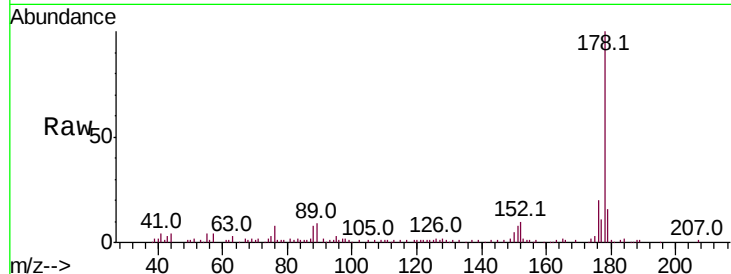
ClientSampleId :

CL-02-101218-E

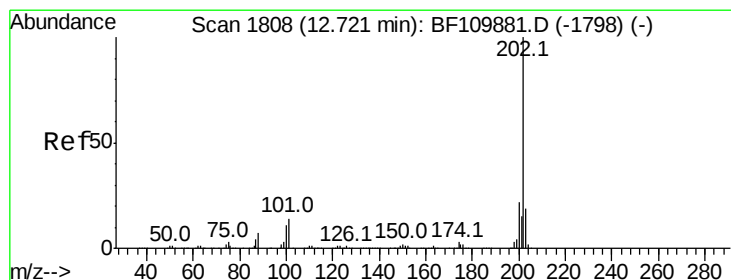
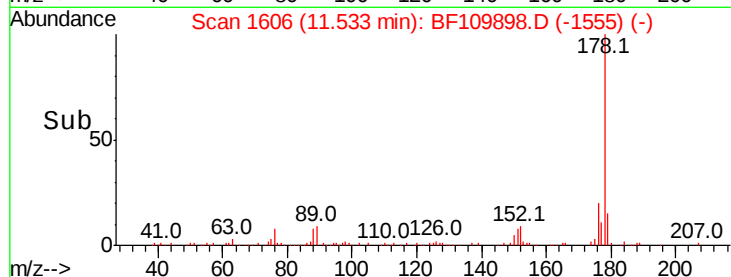
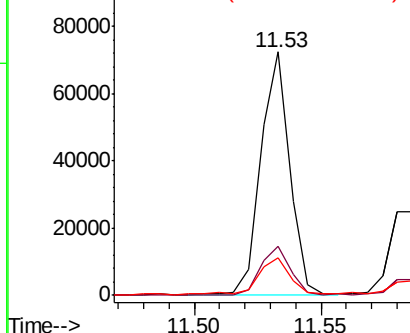
Tot Ion:	178	Resp:	57872
Ion Ratio	Lower	Upper	
178	100		
176	20.2	15.5	23.3
179	15.6	12.5	18.7

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Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E



#75

Fluoranthene

Concen: 5.160 ng

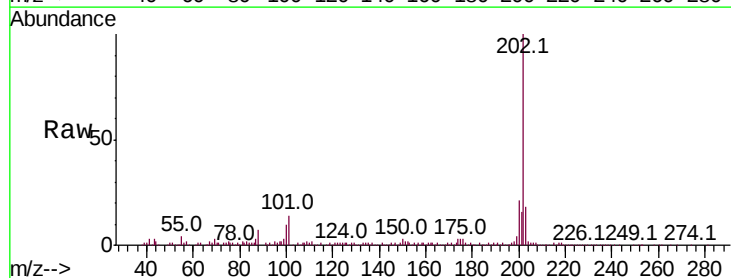
RT: 12.72 min Scan# 1808

Delta R.T. -0.00 min

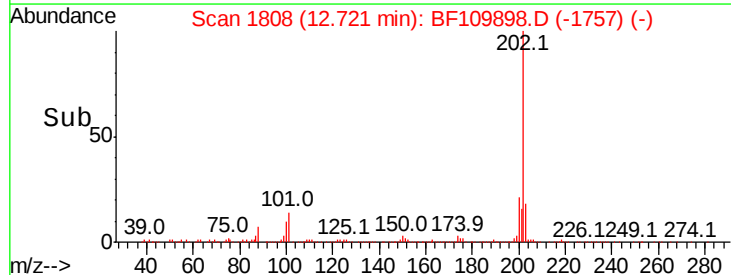
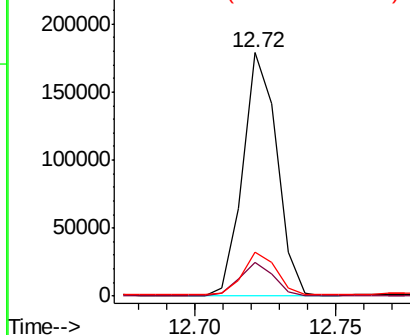
Lab File: BF109898.D

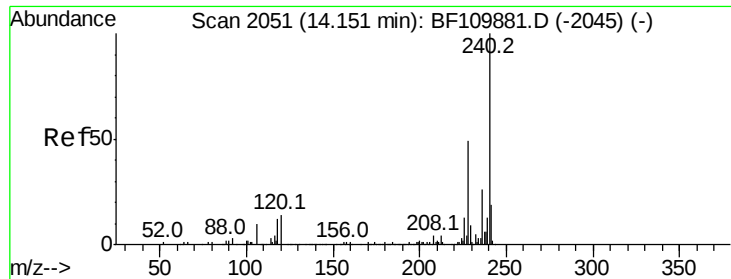
Acq: 15 Oct 2018 23:56

Tgt Ion:	202	Resp:	149155
Ion Ratio	Lower	Upper	
202	100		
101	14.1	0.0	31.4
203	18.0	0.0	37.7



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





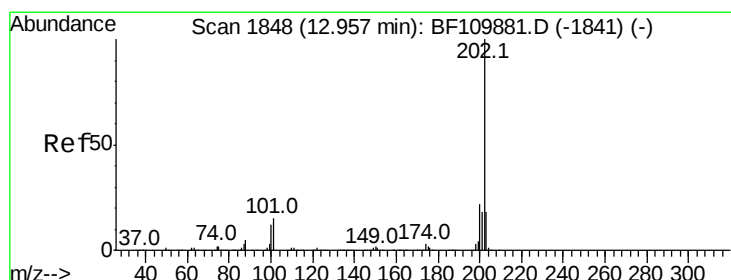
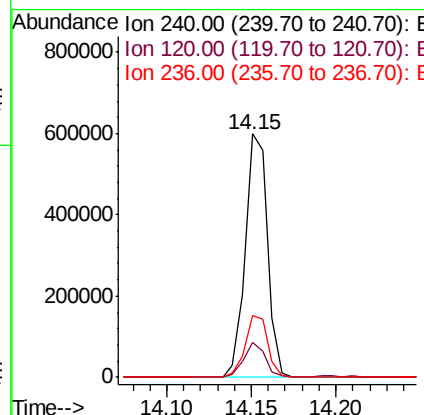
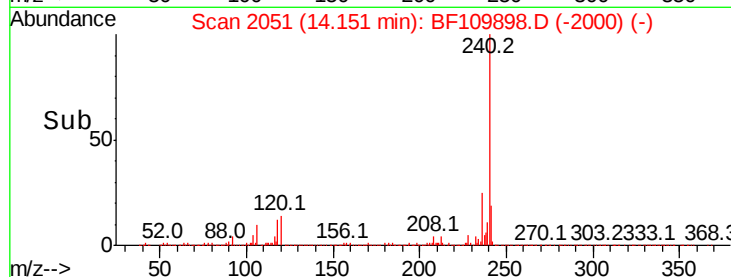
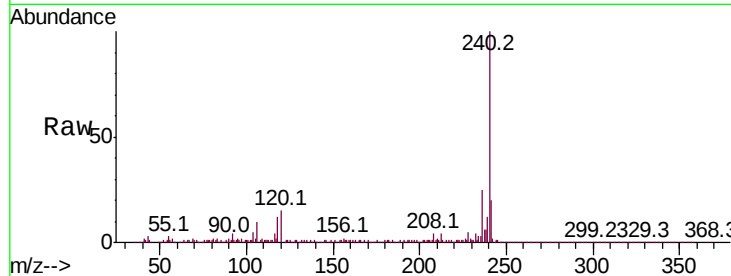
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.15 min Scan# 2051
Delta R.T. -0.00 min
Lab File: BF109898.D
Acq: 15 Oct 2018 23:56

Instrument :
BNA_F
ClientSampleId :
CL-02-101218-E

Tot Ion	Ratio	Resp	Lower	Upper
240	100			
120	14.6	8.3	12.5	
236	25.2	21.2	31.8	

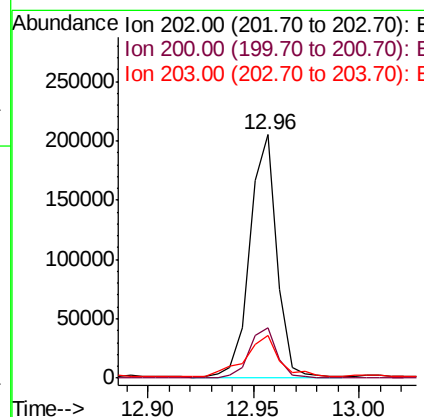
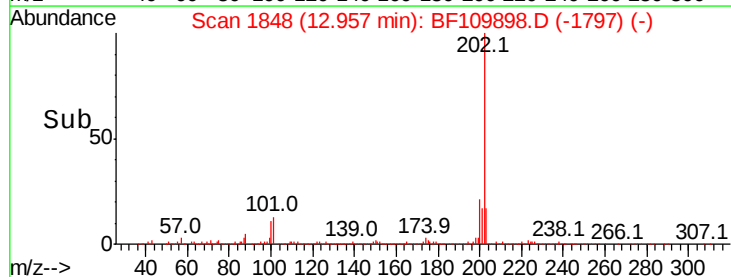
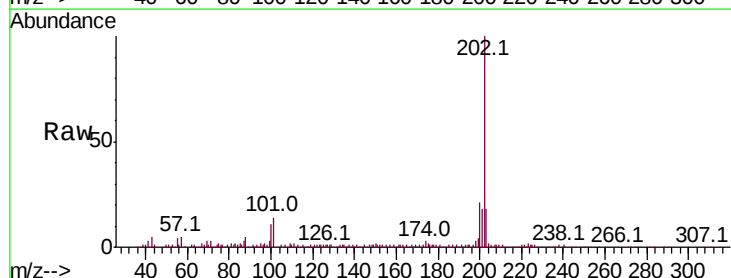
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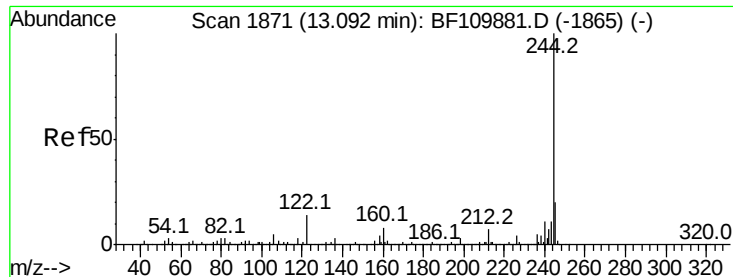
Sohil
10/16/2018 9:57:49 AM



#78
Pyrene
Concen: 4.495 ng
RT: 12.96 min Scan# 1848
Delta R.T. -0.00 min
Lab File: BF109898.D
Acq: 15 Oct 2018 23:56

Tgt Ion	Ratio	Resp	Lower	Upper
202	100			
200	20.7	17.8	26.6	
203	17.6	14.2	21.4	





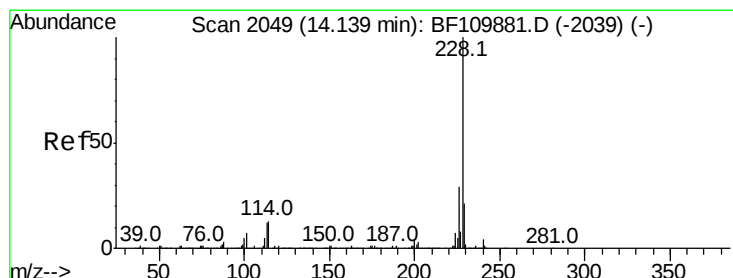
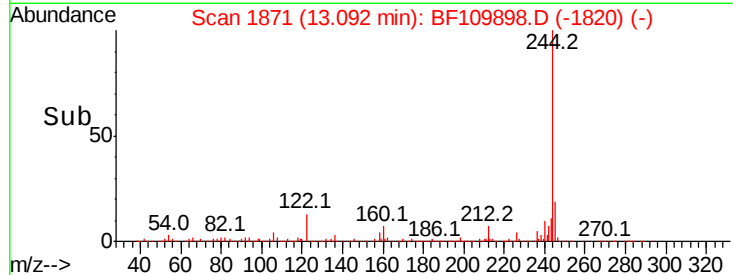
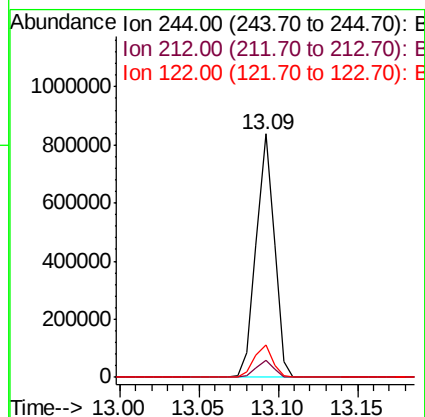
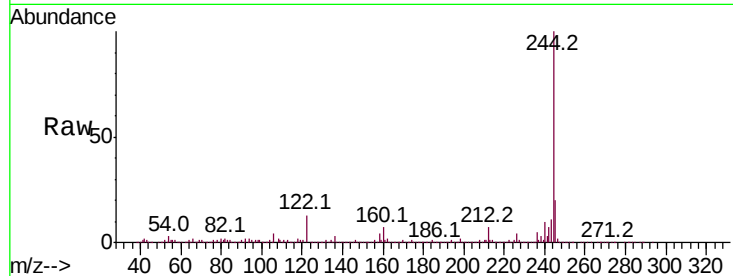
#79
 Terphenyl-d14
 Concen: 25.760 ng
 RT: 13.09 min Scan# 1871
 Delta R.T. -0.00 min
 Lab File: BF109898.D
 Acq: 15 Oct 2018 23:56

Instrument :
 BNA_F
 ClientSampleId :
 CL-02-101218-E

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.8	8.8
122	13.2	8.7	13.1#

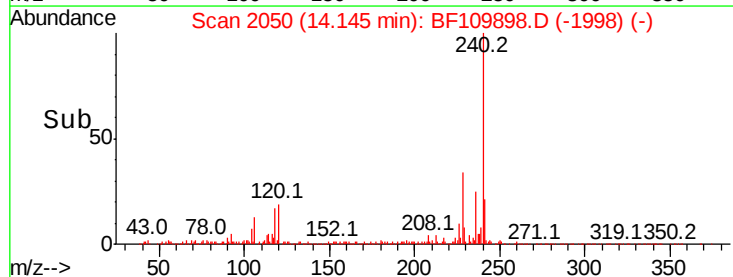
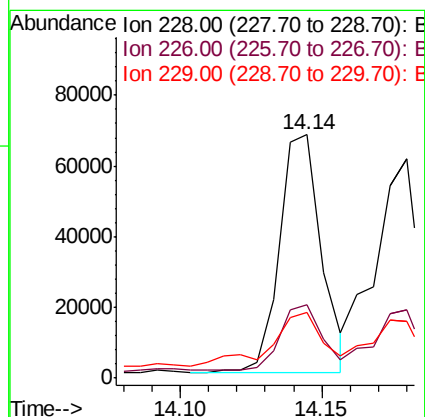
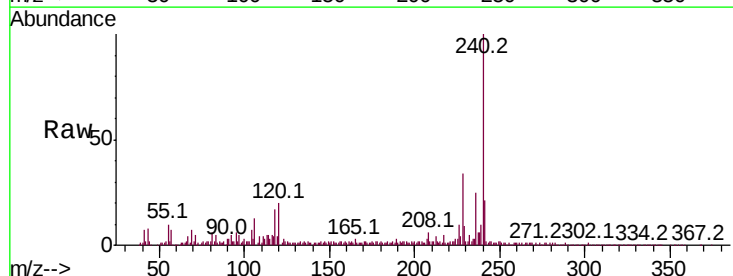
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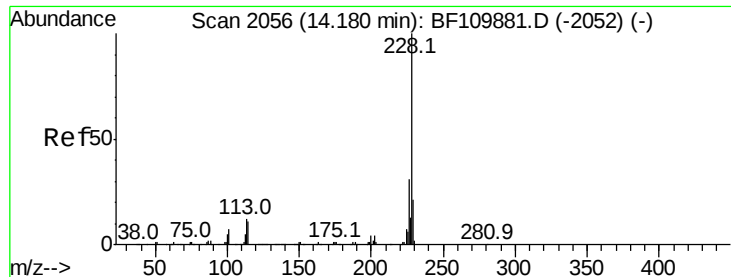
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#81
 Benzo(a)anthracene
 Concen: 2.159 ng
 RT: 14.14 min Scan# 2050
 Delta R.T. 0.01 min
 Lab File: BF109898.D
 Acq: 15 Oct 2018 23:56

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.2	22.1	33.1
229	27.1	15.6	23.4#





#83

Chrysene

Concen: 2.165 ng

RT: 14.18 min Scan# 2056

Delta R.T. -0.00 min

Lab File: BF109898.D

Acq: 15 Oct 2018 23:56

Instrument :

BNA_F

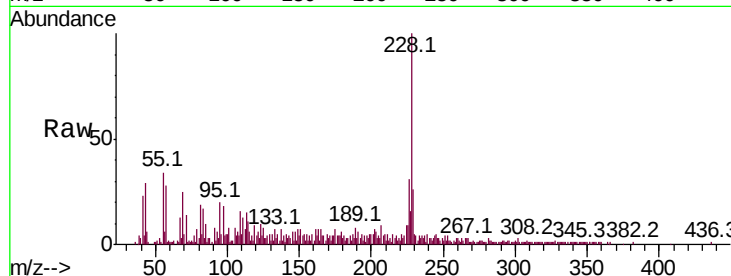
ClientSampleId :

CL-02-101218-E

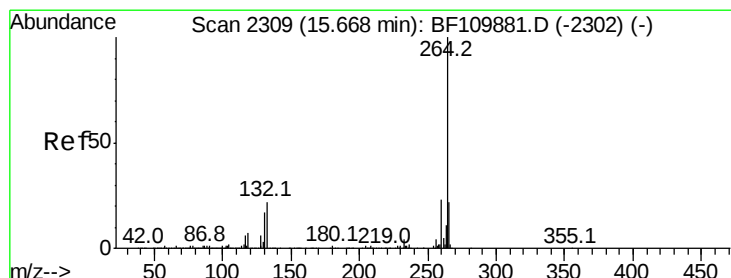
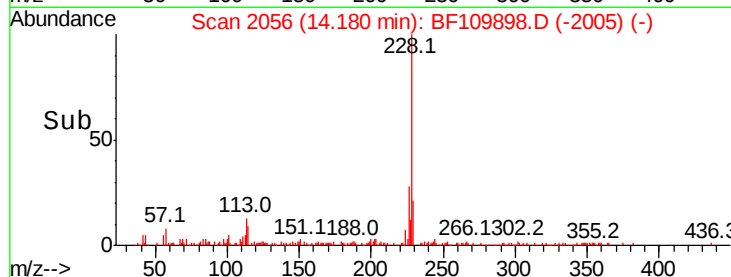
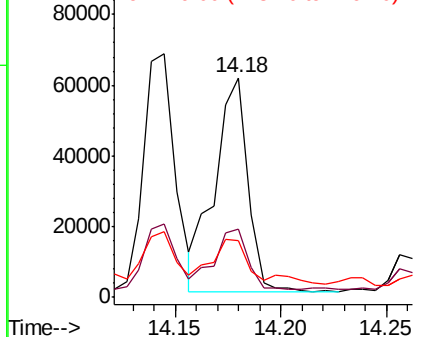
Tot Ion:	228	Resp:	66301
Ion Ratio	Lower	Upper	
228	100		
226	31.0	24.7	37.1
229	26.0	15.9	23.9

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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



#87

Perylene-d12

Concen: 20.000 ng

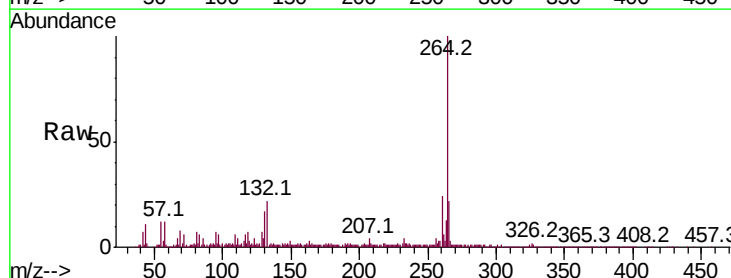
RT: 15.68 min Scan# 2311

Delta R.T. 0.01 min

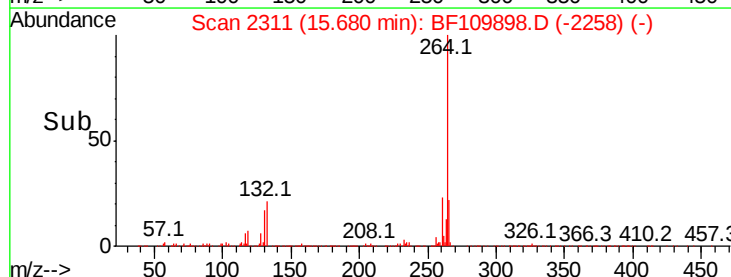
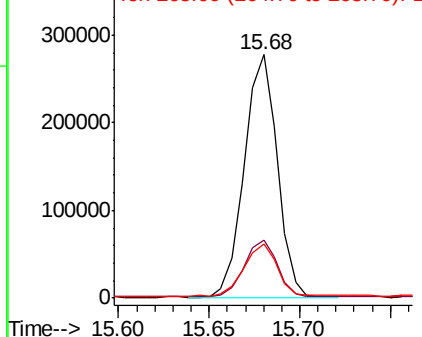
Lab File: BF109898.D

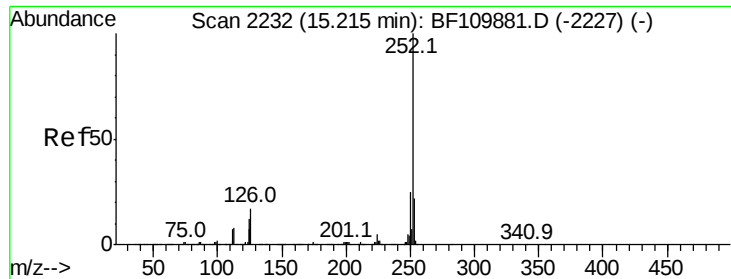
Acq: 15 Oct 2018 23:56

Tgt Ion:	264	Resp:	348700
Ion Ratio	Lower	Upper	
264	100		
260	23.8	18.7	28.1
265	22.3	16.7	25.1



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E





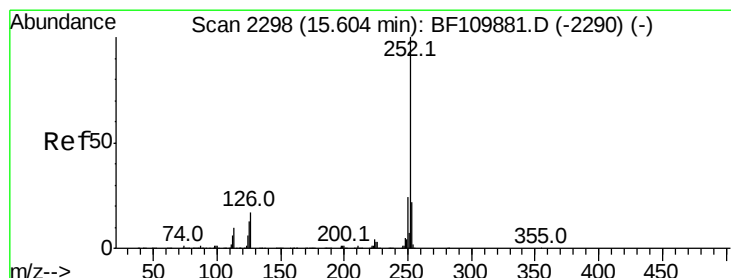
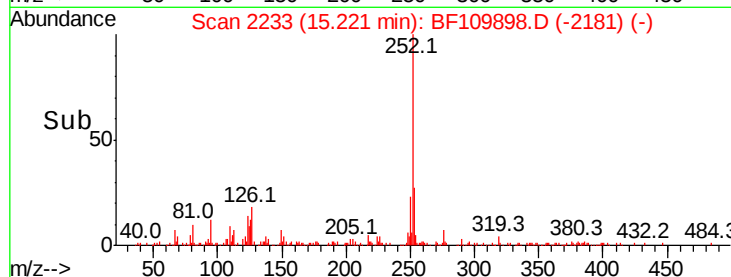
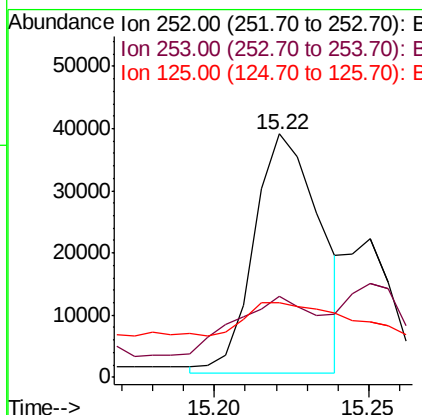
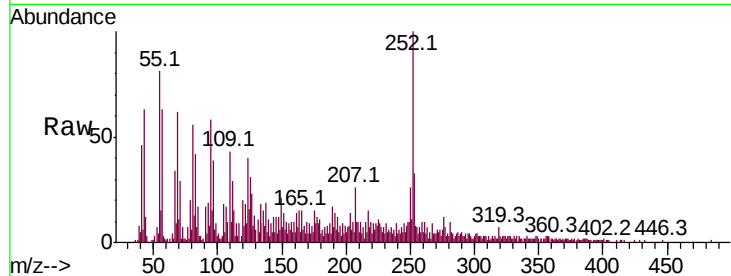
#88
Benzo(b)fluoranthene
Concen: 2.862 ng m
RT: 15.22 min Scan# 2233
Delta R.T. 0.01 min
Lab File: BF109898.D
Acq: 15 Oct 2018 23:56

Instrument :
BNA_F
ClientSampleId :
CL-02-101218-E

Tot Ion	Ratio	Lower	Upper
252	100		
253	33.4	17.2	25.8#
125	30.9	8.2	12.4#

Manual Integrations
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#90
Benzo(a)pyrene
Concen: 2.310 ng
RT: 15.61 min Scan# 2299
Delta R.T. 0.01 min
Lab File: BF109898.D
Acq: 15 Oct 2018 23:56

Tgt Ion	Ratio	Lower	Upper
252	100		
253	27.2	18.2	27.4
125	32.3	9.0	13.6#

