

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101818\
 Data File : BF109980.D
 Acq On : 19 Oct 2018 1:02
 Operator : JU/SJ
 Sample : J5570-02
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TS-07

Manual Integrations
 APPROVED

Sohil
 10/19/2018 12:15:03 PM

Quant Time: Oct 19 05:36:44 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF101518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 16 14:58:24 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	229103	20.00	ng	0.00
21) Naphthalene-d8	8.26	136	872265	20.00	ng	-0.01
39) Acenaphthene-d10	10.02	164	386096	20.00	ng	-0.01
64) Phenanthrene-d10	11.51	188	617949	20.00	ng	0.00
76) Chrysene-d12	14.15	240	432967	20.00	ng	-0.01
87) Perylene-d12	15.68	264	412376	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	1738374	120.28	ng	0.01
7) Phenol-d6	6.60	99	2199802	122.57	ng	0.00
23) Nitrobenzene-d5	7.54	82	1419518	109.63	ng	-0.01
42) 2,4,6-Tribromophenol	10.81	330	455613	136.30	ng	0.00
45) 2-Fluorobiphenyl	9.33	172	2107873	87.11	ng	0.00
79) Terphenyl-d14	13.10	244	1506687	73.08	ng	0.00
Target Compounds						
10) Phenol	6.62	94	245562	12.673	ng	Qvalue # 59
50) Dimethylphthalate	9.72	163	362916	13.275	ng	100
71) Phenanthrene	11.53	178	77592	2.425	ng	99
75) Fluoranthene	12.72	202	168489	5.272	ng	99
78) Pyrene	12.95	202	133825	4.208	ng	98
81) Benzo(a)anthracene	14.14	228	52125	2.044	ng	99
83) Chrysene	14.17	228	67407	2.777	ng	98
88) Benzo(b)fluoranthene	15.22	252	88485m	3.722	ng	
90) Benzo(a)pyrene	15.61	252	54162	2.477	ng	# 97

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

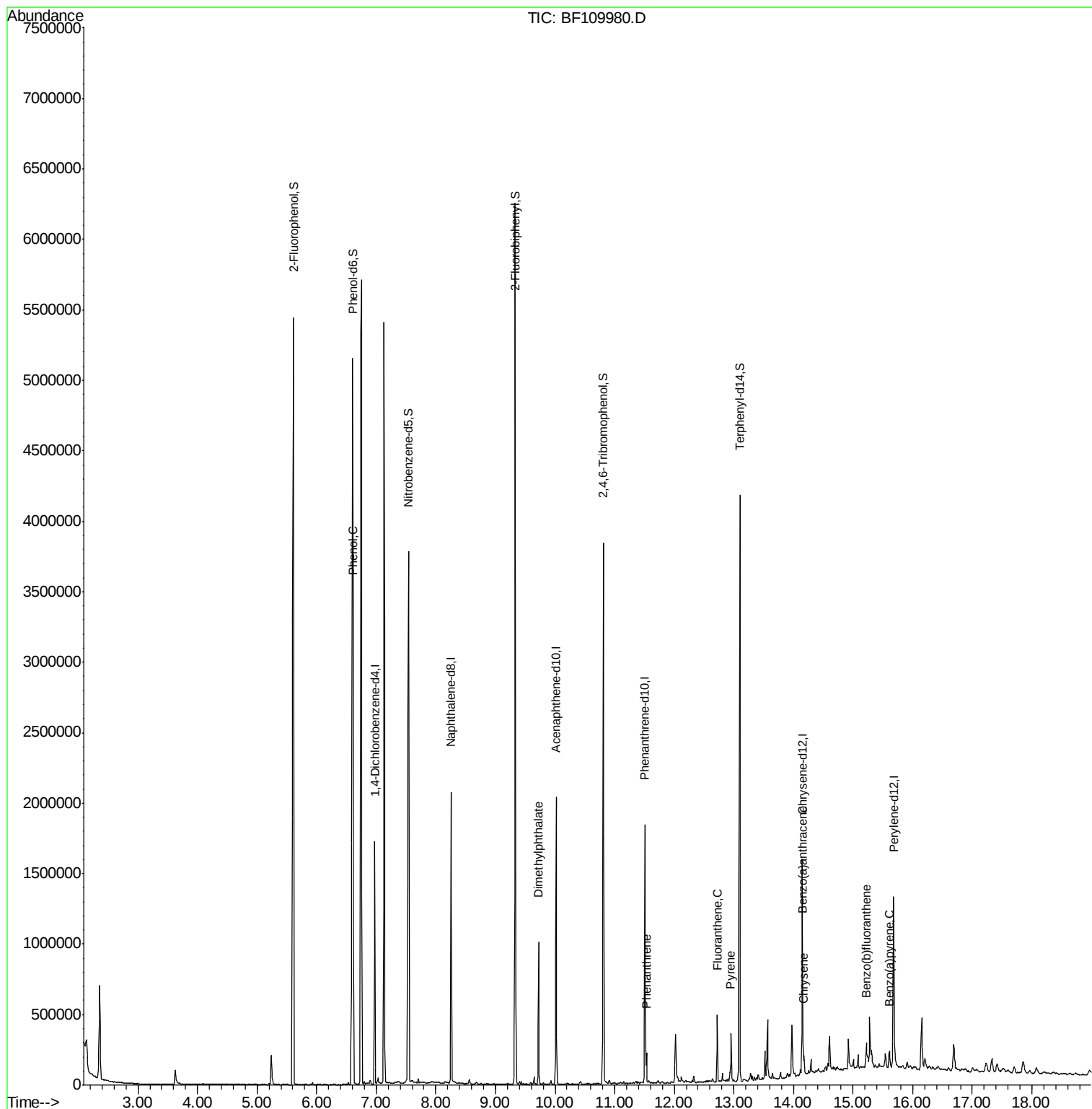
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101818\
Data File : BF109980.D
Acq On : 19 Oct 2018 1:02
Operator : JU/SJ
Sample : J5570-02
Misc :
ALS Vial : 17 Sample Multiplier: 1

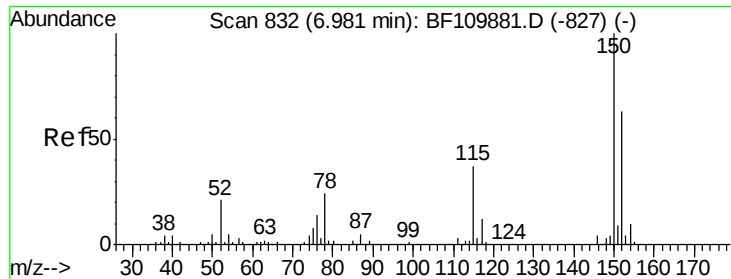
Instrument :
BNA_F
ClientSampleId :
TS-07

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Quant Time: Oct 19 05:36:44 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF101518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 16 14:58:24 2018
Response via : Initial Calibration





#1

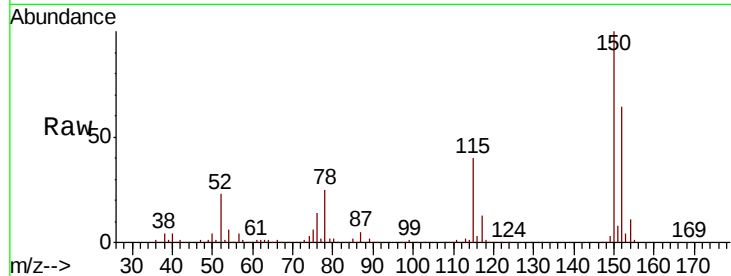
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 831
Delta R.T. -0.01 min
Lab File: BF109980.D
Acq: 19 Oct 2018 1:02

Instrument :
BNA_F
ClientSampled :
TS-07

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.9	122.7	184.1
115	62.8	49.1	73.7

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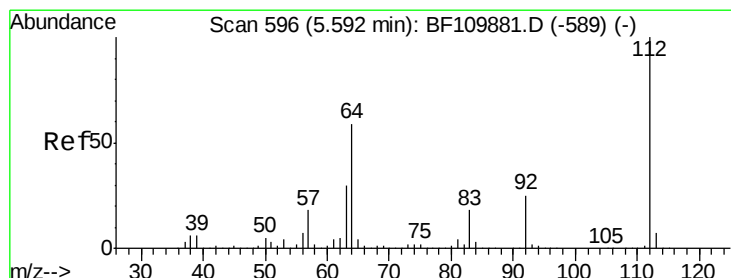
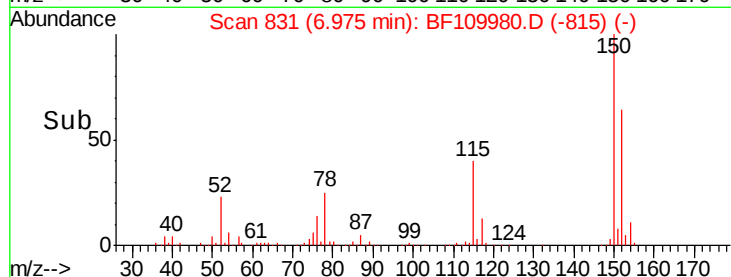
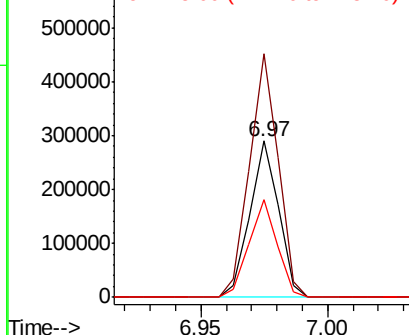


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

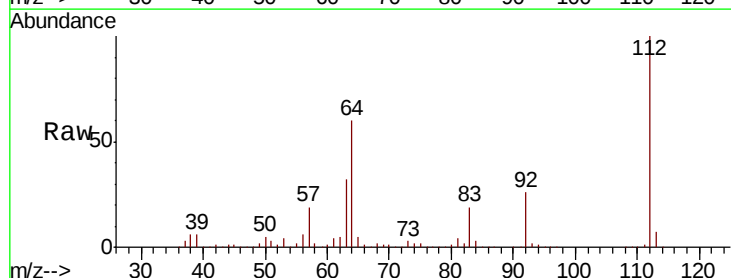
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 120.276 ng
RT: 5.61 min Scan# 599
Delta R.T. 0.01 min
Lab File: BF109980.D
Acq: 19 Oct 2018 1:02

Tgt Ion	Ratio	Lower	Upper
112	100		
64	59.9	44.1	66.1
63	32.0	23.7	35.5

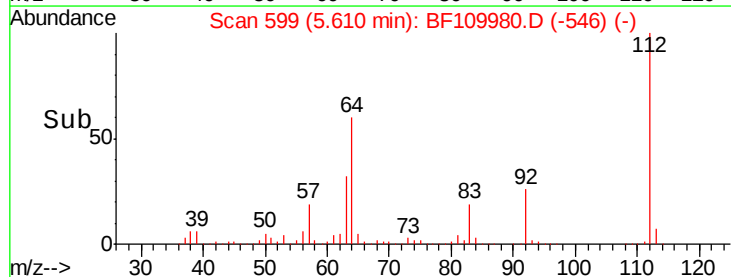
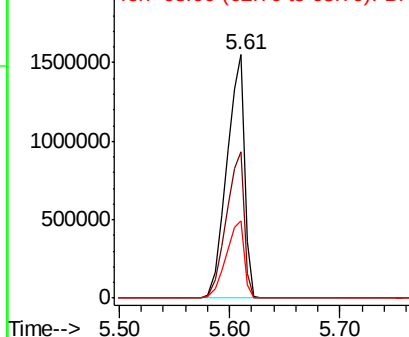


Abundance

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: 122.572 ng

RT: 6.60 min Scan# 768

Delta R.T. -0.00 min

Lab File: BF109980.D

Acq: 19 Oct 2018 1:02

Instrument :

BNA_F

ClientSampleId :

TS-07

Tot Ion: 99 Resp: 2199802

Ion Ratio Lower Upper

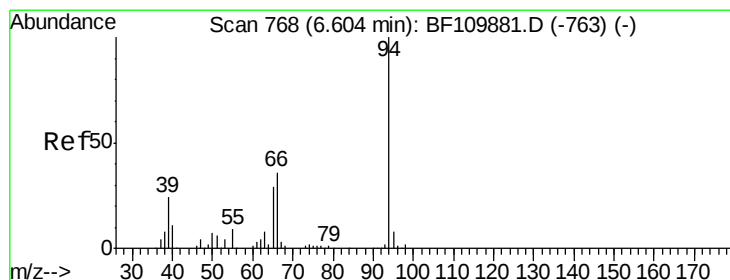
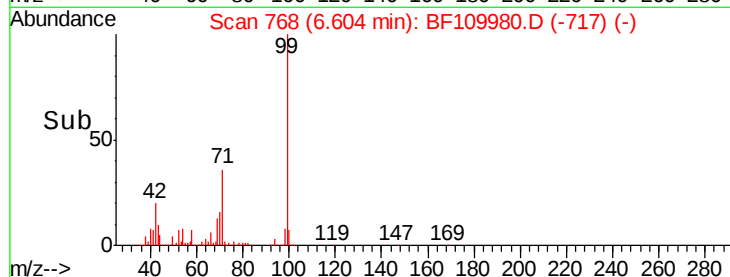
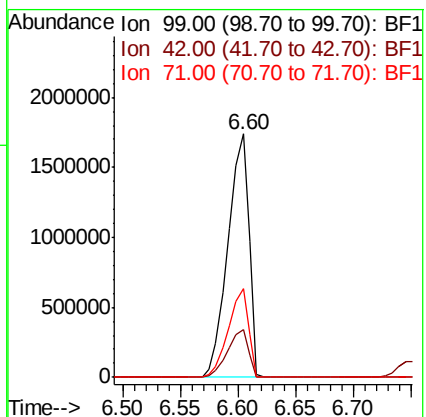
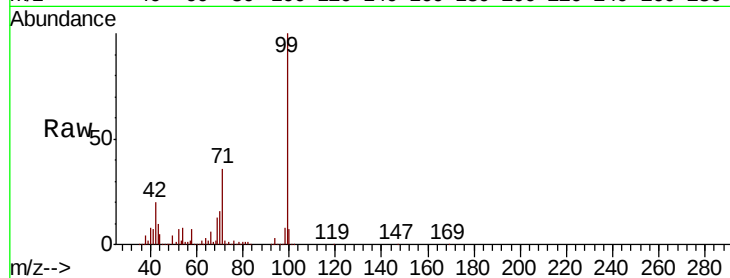
99 100

42 19.5 15.8 23.6

71 36.3 28.0 42.0

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#10

Phenol

Concen: 12.673 ng

RT: 6.62 min Scan# 770

Delta R.T. -0.00 min

Lab File: BF109980.D

Acq: 19 Oct 2018 1:02

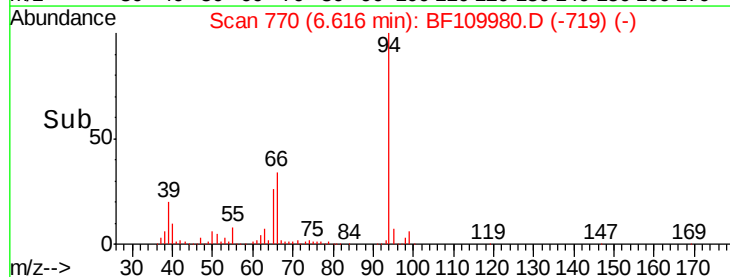
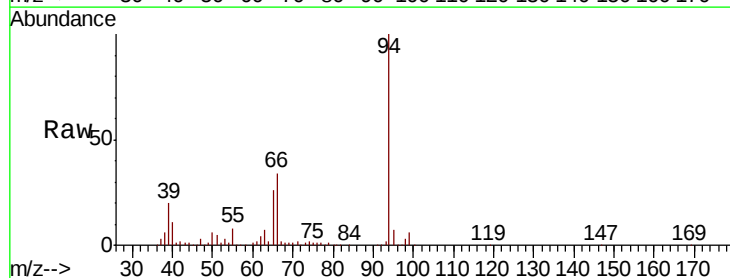
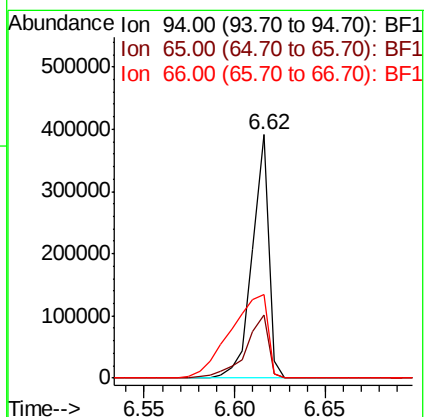
Tgt Ion: 94 Resp: 245562

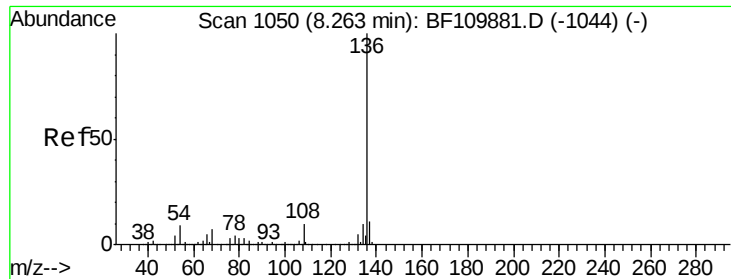
Ion Ratio Lower Upper

94 100

65 26.0 25.3 65.3

66 34.4 54.5 94.5#





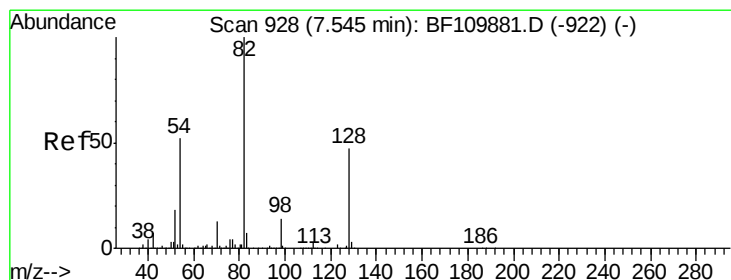
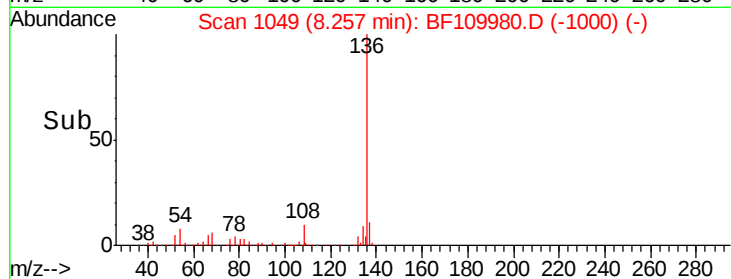
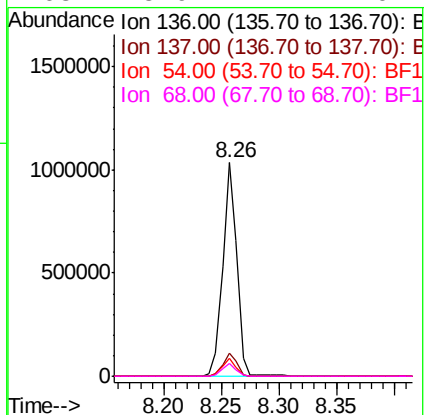
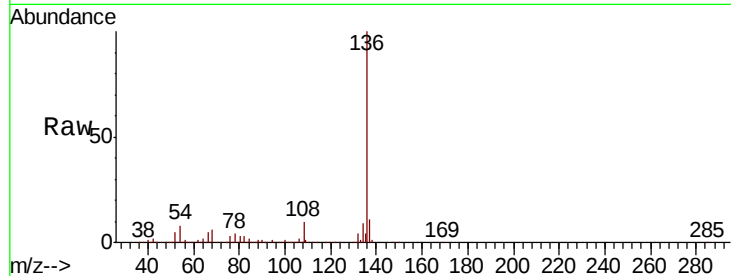
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.26 min Scan# 1049
Delta R.T. -0.01 min
Lab File: BF109980.D
Acq: 19 Oct 2018 1:02

Instrument :
BNA_F
ClientSampleId :
TS-07

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		872265		
137	10.7		8.8	13.2	
54	8.3		5.4	8.2#	
68	5.9		4.2	6.2	

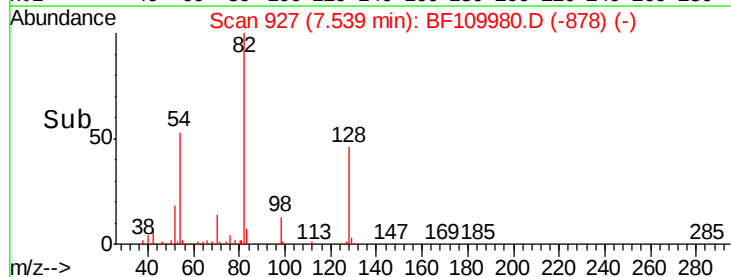
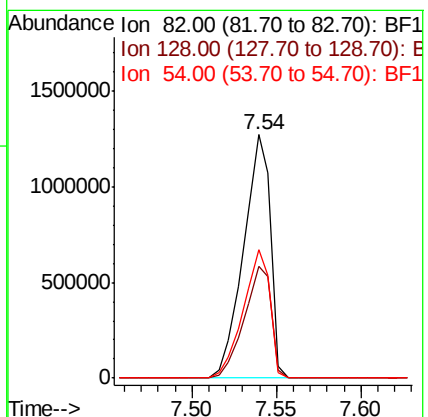
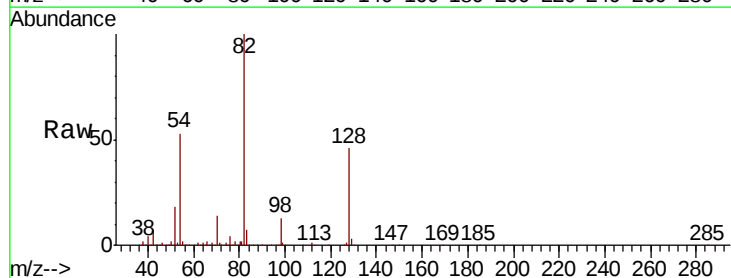
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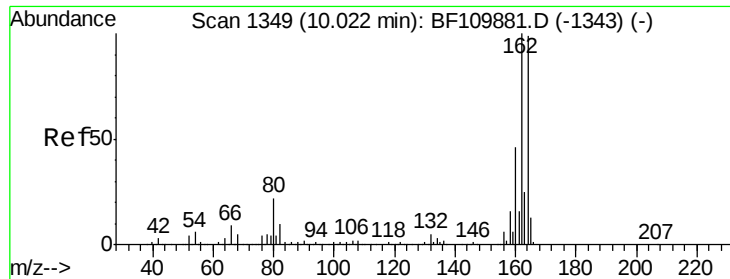
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#23
Nitrobenzene-d5
Concen: 109.628 ng
RT: 7.54 min Scan# 927
Delta R.T. -0.01 min
Lab File: BF109980.D
Acq: 19 Oct 2018 1:02

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
82	100		1419518		
128	45.8		34.2	51.2	
54	53.0		38.6	58.0	





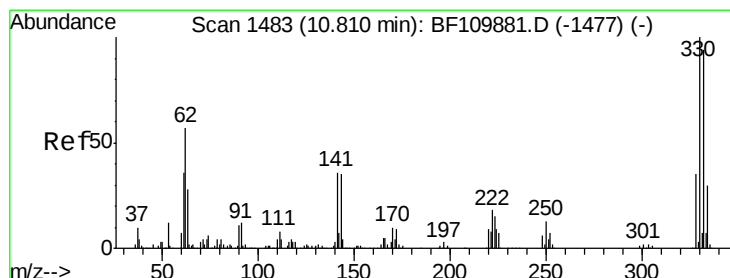
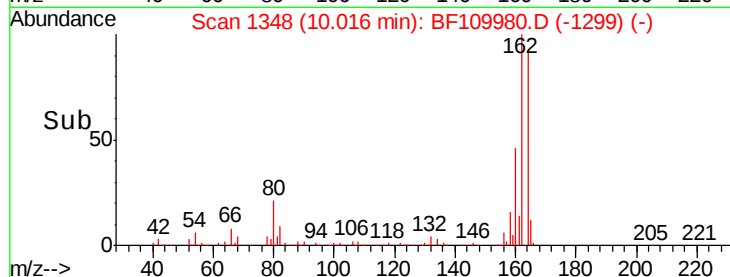
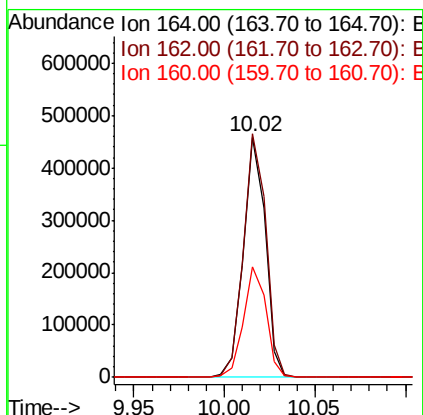
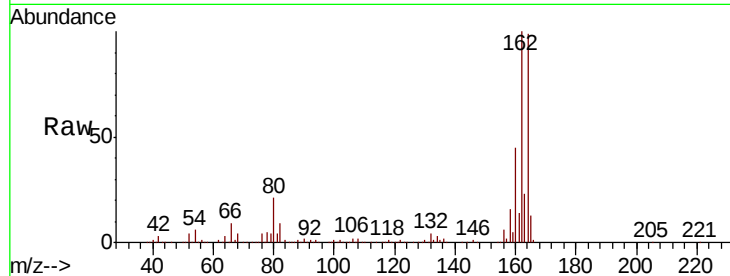
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.02 min Scan# 1348
 Delta R.T. -0.01 min
 Lab File: BF109980.D
 Acq: 19 Oct 2018 1:02

Instrument :
 BNA_F
 ClientSampleId :
 TS-07

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	101.4	83.0	124.6	
160	46.0	37.0	55.6	

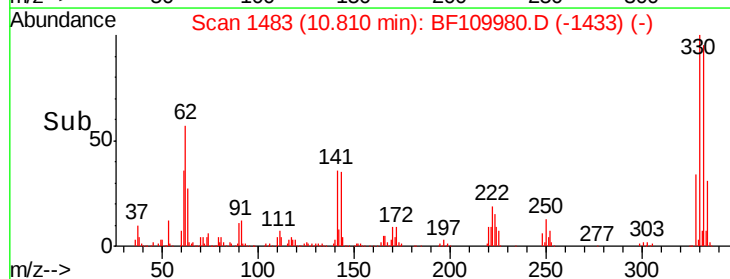
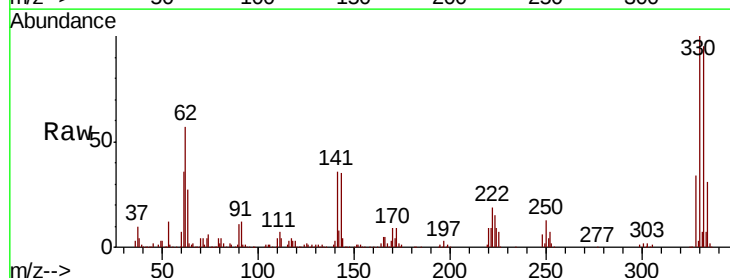
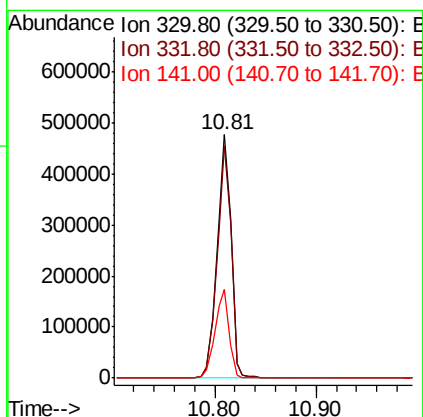
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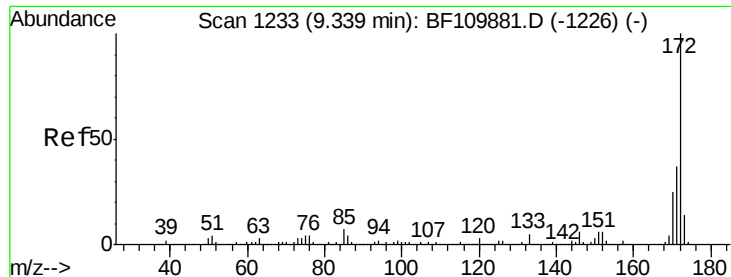
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#42
 2,4,6-Tribromophenol
 Concen: 136.300 ng
 RT: 10.81 min Scan# 1483
 Delta R.T. -0.01 min
 Lab File: BF109980.D
 Acq: 19 Oct 2018 1:02

Tgt Ion	Ratio	Resp	Lower	Upper
330	100			
332	95.5	77.1	115.7	
141	36.5	27.0	40.4	





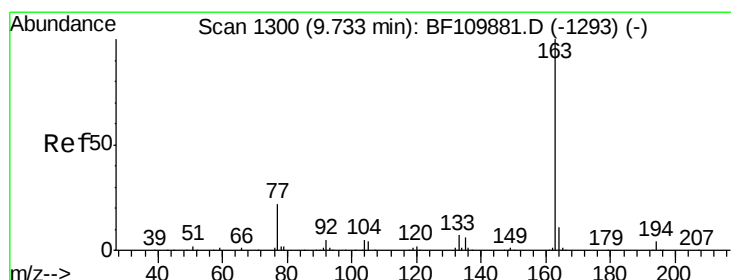
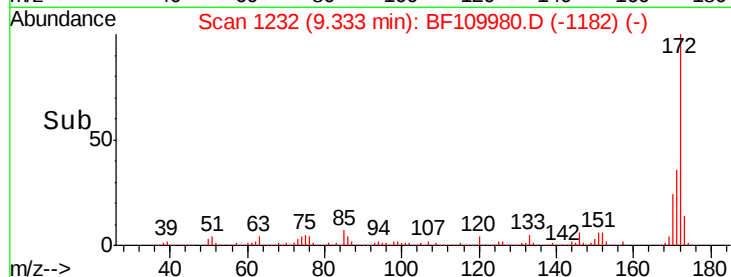
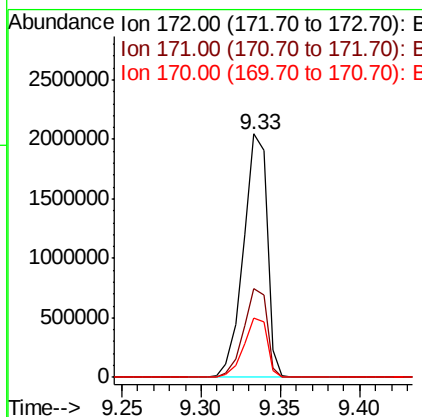
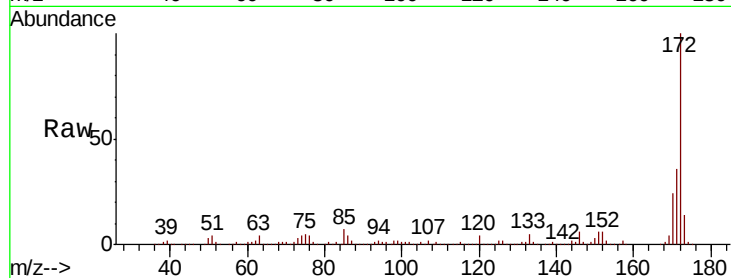
#45
2-Fluorobiphenyl
Concen: 87.114 ng
RT: 9.33 min Scan# 1232
Delta R.T. -0.01 min
Lab File: BF109980.D
Acq: 19 Oct 2018 1:02

Instrument :
BNA_F
ClientSampled :
TS-07

Tot Ion:172 Resp: 2107873
Ion Ratio Lower Upper
172 100
171 36.3 28.6 43.0
170 24.2 19.7 29.5

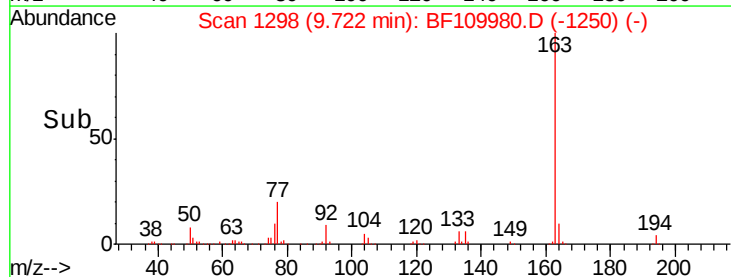
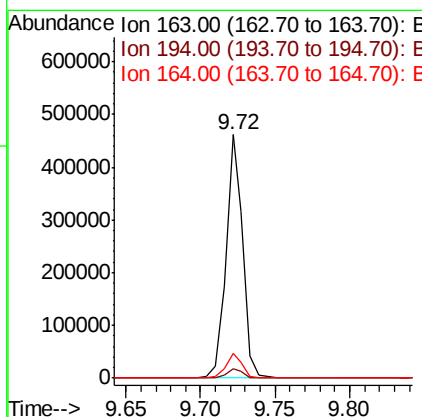
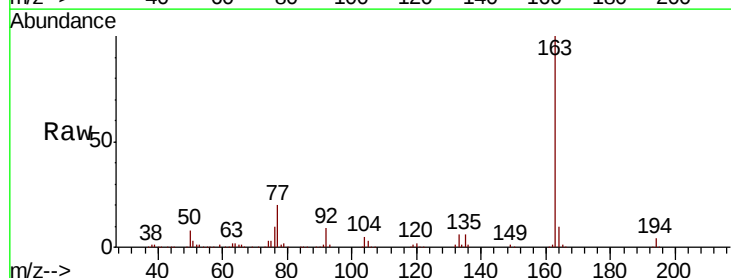
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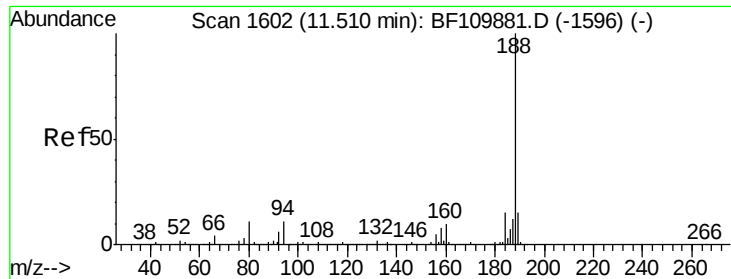
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#50
Dimethylphthalate
Concen: 13.275 ng
RT: 9.72 min Scan# 1298
Delta R.T. -0.02 min
Lab File: BF109980.D
Acq: 19 Oct 2018 1:02

Tgt Ion:163 Resp: 362916
Ion Ratio Lower Upper
163 100
194 3.7 3.2 4.8
164 10.0 8.1 12.1





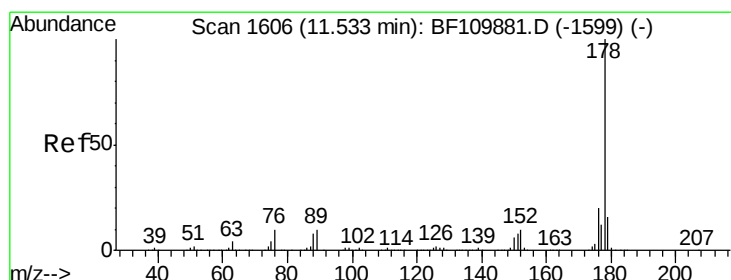
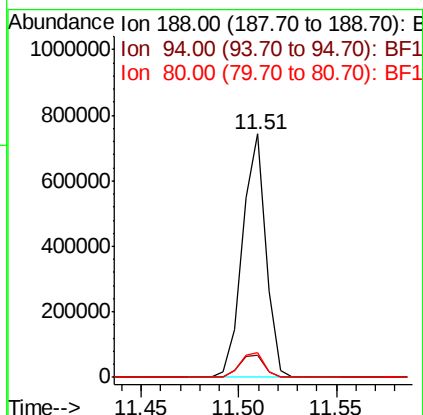
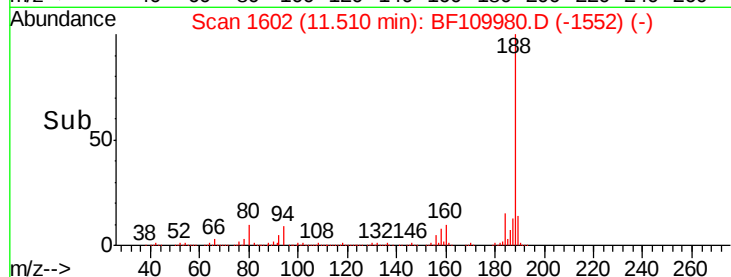
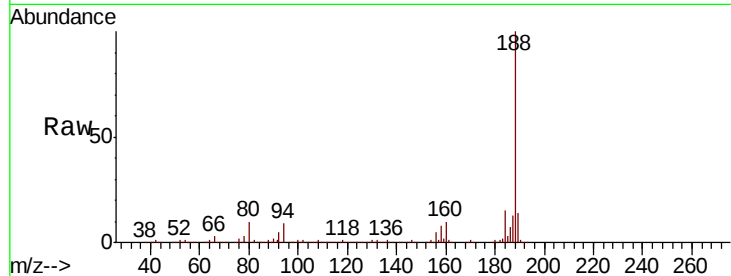
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.51 min Scan# 1602
Delta R.T. -0.01 min
Lab File: BF109980.D
Acq: 19 Oct 2018 1:02

Instrument :
BNA_F
ClientSampled :
TS-07

Tot Ion	Ratio	Resp	Lower	Upper
188	100	617949		
94	9.3		7.2	10.8
80	9.9		7.9	11.9

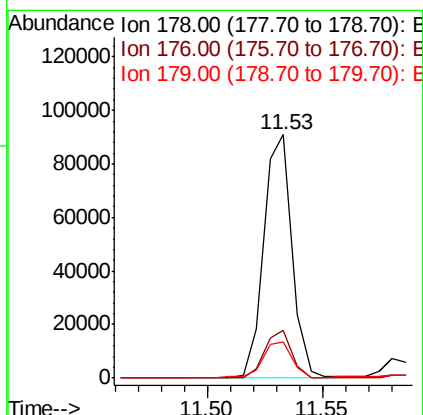
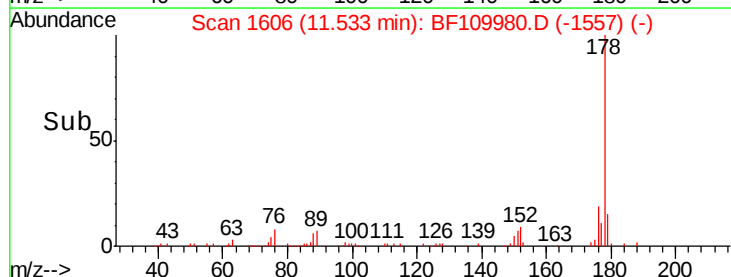
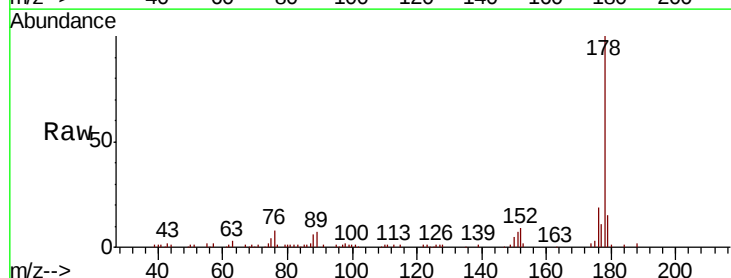
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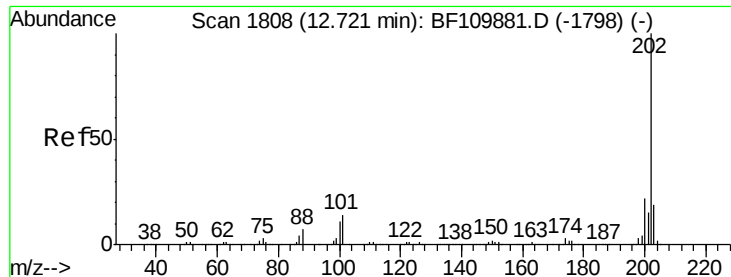
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#71
Phenanthrene
Concen: 2.425 ng
RT: 11.53 min Scan# 1606
Delta R.T. -0.01 min
Lab File: BF109980.D
Acq: 19 Oct 2018 1:02

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	77592		
176	19.4		15.5	23.3
179	14.7		12.5	18.7





#75

Fluoranthene

Concen: 5.272 ng

RT: 12.72 min Scan# 1808

Delta R.T. -0.01 min

Lab File: BF109980.D

Acq: 19 Oct 2018 1:02

Instrument :

BNA_F

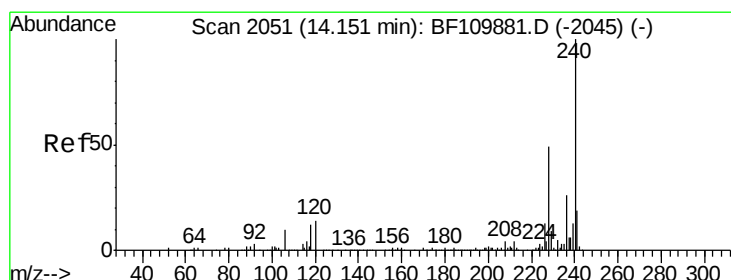
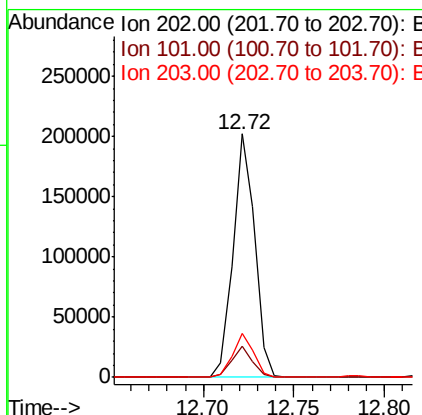
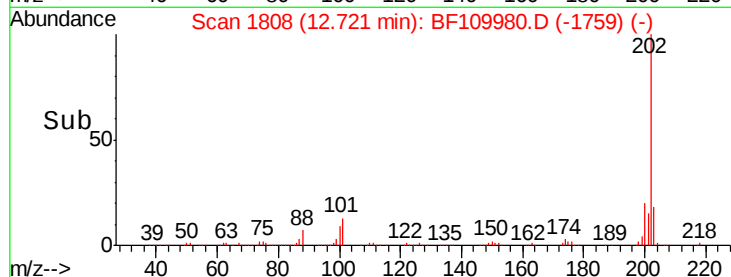
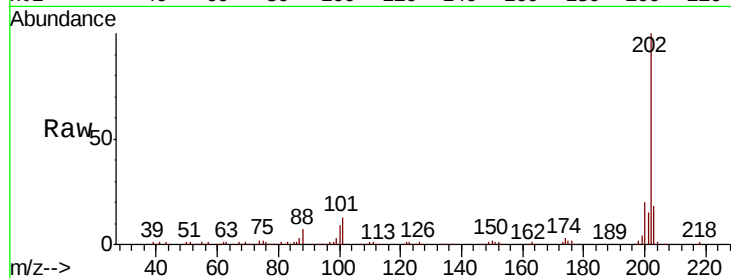
ClientSampled :

TS-07

Tot Ion	Ratio	Resp	Lower	Upper
202	100	168489		
101	12.6	0.0	31.4	
203	17.8	0.0	37.7	

Manual Integrations
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#76

Chrysene-d12

Concen: 20.000 ng

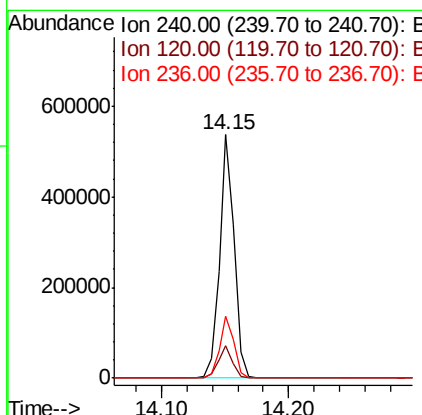
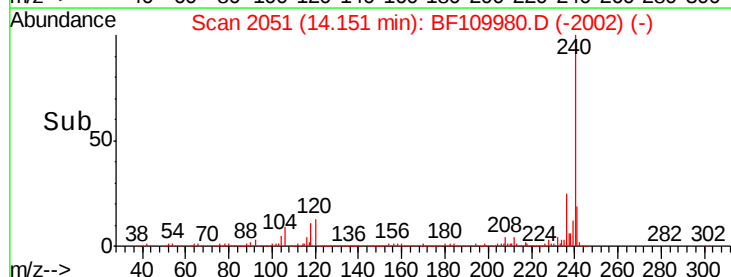
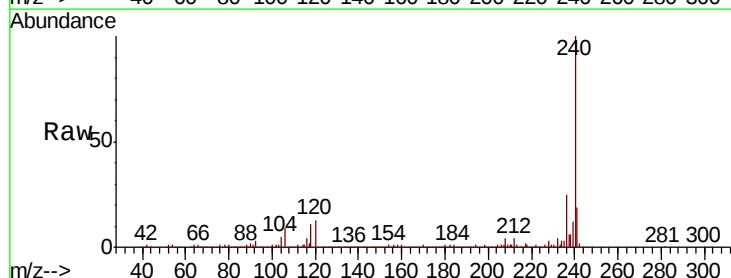
RT: 14.15 min Scan# 2051

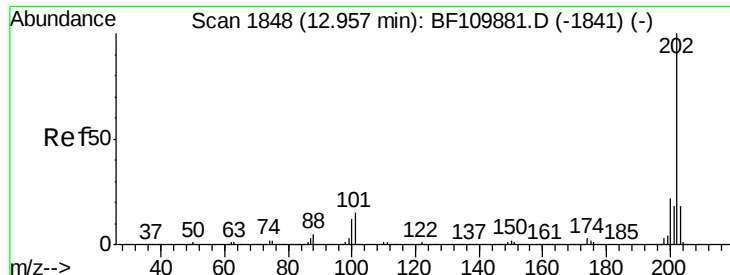
Delta R.T. -0.01 min

Lab File: BF109980.D

Acq: 19 Oct 2018 1:02

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	432967		
120	13.1	8.3	12.5#	
236	25.2	21.2	31.8	





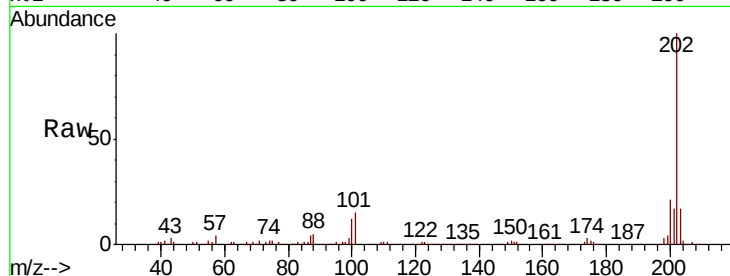
#78
Pvrene
Concen: 4.208 ng
RT: 12.95 min Scan# 1847
Delta R.T. -0.02 min
Lab File: BF109980.D
Acq: 19 Oct 2018 1:02

Instrument :
BNA_F
ClientSampleId :
TS-07

Tot Ion	Ratio	Resp Lower	Upper
202	100		
200	20.5	17.8	26.6
203	17.4	14.2	21.4

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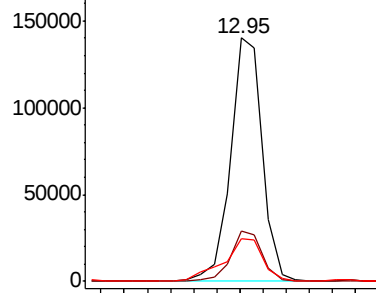


Abundance

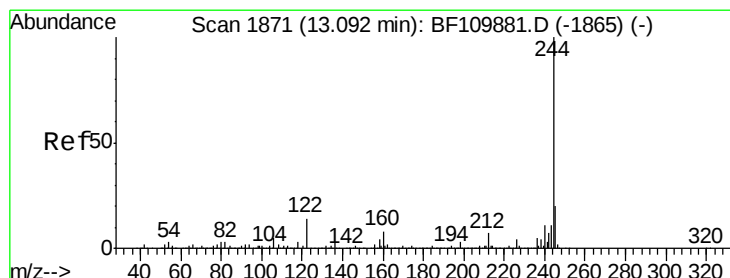
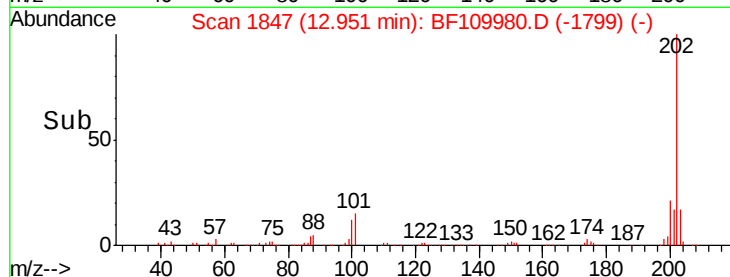
Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

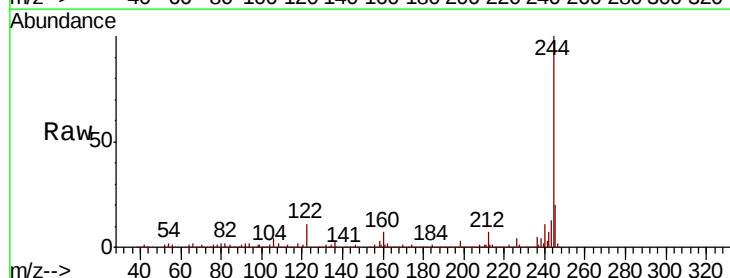


Time-->



#79
Terphenyl-d14
Concen: 73.076 ng
RT: 13.10 min Scan# 1872
Delta R.T. -0.01 min
Lab File: BF109980.D
Acq: 19 Oct 2018 1:02

Tgt Ion	Ratio	Resp Lower	Upper
244	100		
212	7.0	5.8	8.8
122	11.3	8.7	13.1

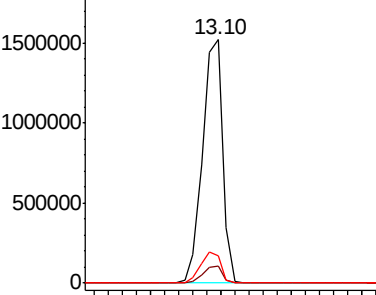


Abundance

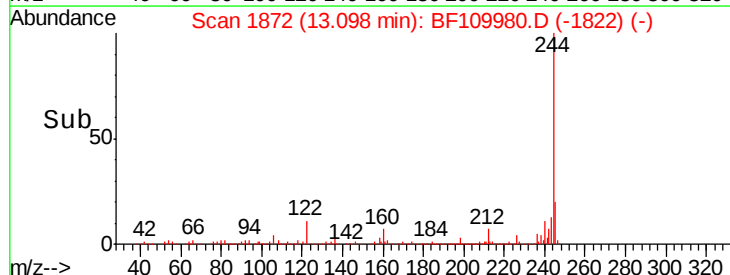
Ion 244.00 (243.70 to 244.70): E

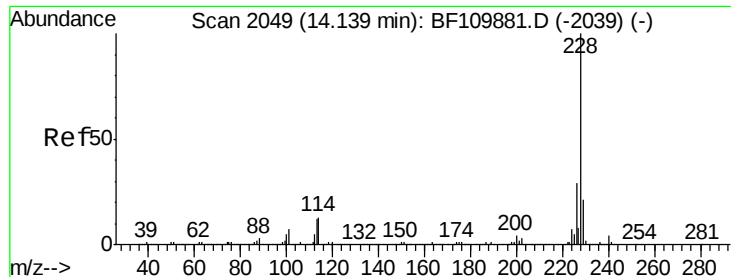
Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



Time-->





#81

Benzo(a)anthracene

Concen: 2.044 ng

RT: 14.14 min Scan# 2049

Delta R.T. -0.01 min

Lab File: BF109980.D

Acq: 19 Oct 2018 1:02

Instrument :

BNA_F

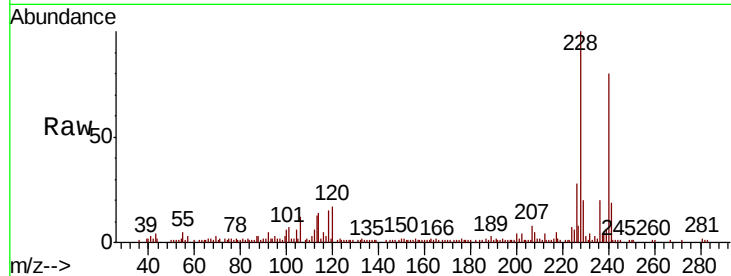
ClientSampled :

TS-07

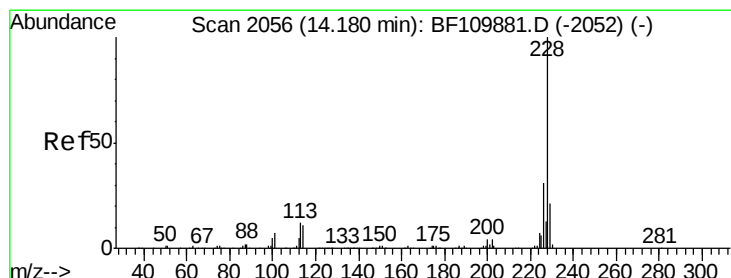
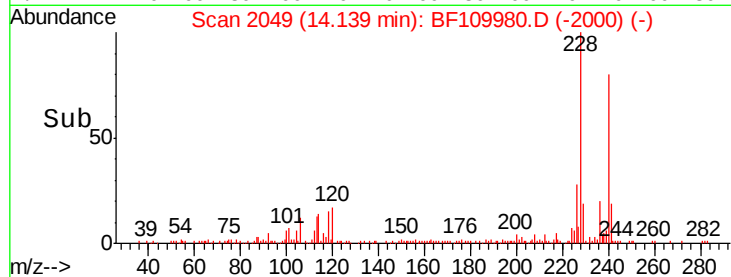
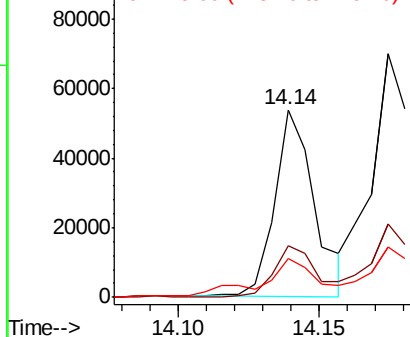
Tot Ion:	228	Resp:	52125
Ion Ratio	Lower	Upper	
228	100		
226	27.7	22.1	33.1
229	20.4	15.6	23.4

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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



#83

Chrysene

Concen: 2.777 ng

RT: 14.17 min Scan# 2055

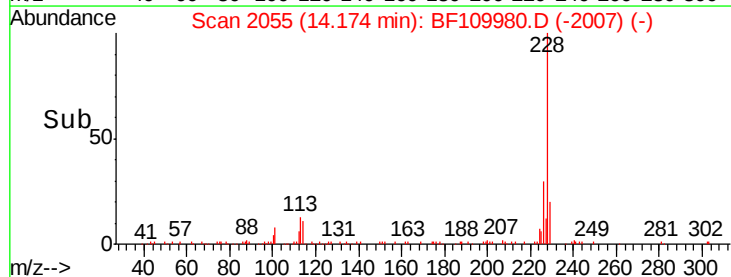
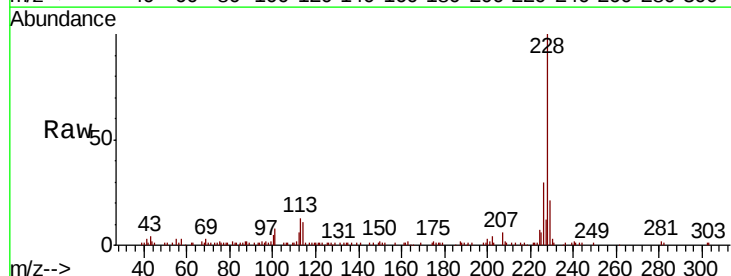
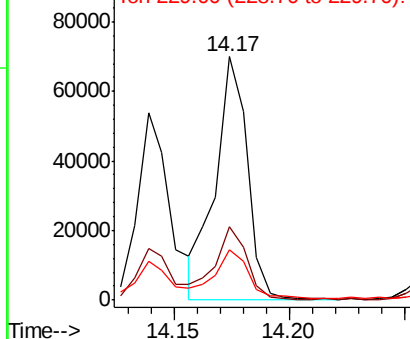
Delta R.T. -0.02 min

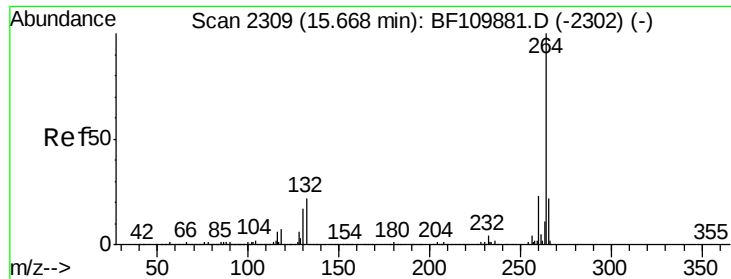
Lab File: BF109980.D

Acq: 19 Oct 2018 1:02

Tgt Ion:	228	Resp:	67407
Ion Ratio	Lower	Upper	
228	100		
226	30.0	24.7	37.1
229	20.8	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





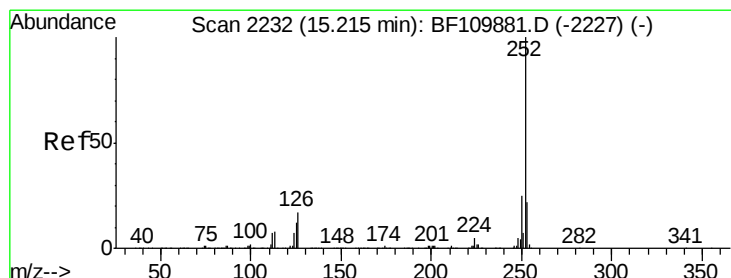
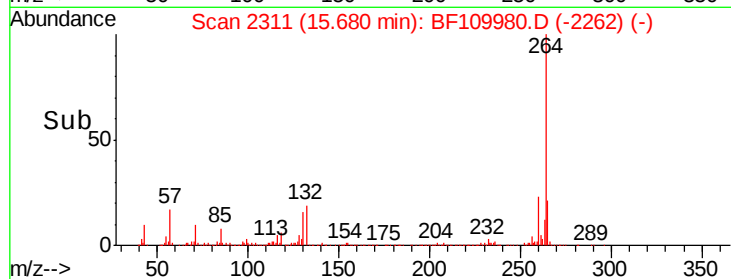
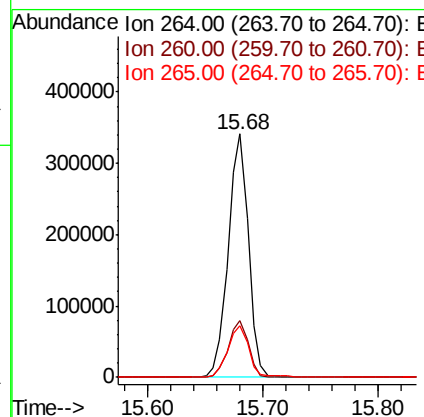
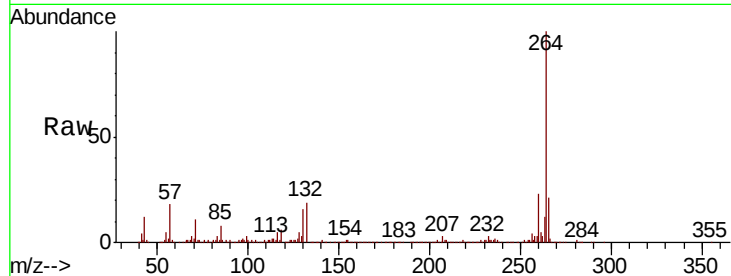
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.68 min Scan# 2311
Delta R.T. -0.01 min
Lab File: BF109980.D
Acq: 19 Oct 2018 1:02

Instrument :
BNA_F
ClientSampleId :
TS-07

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.3	18.7	28.1
265	21.1	16.7	25.1

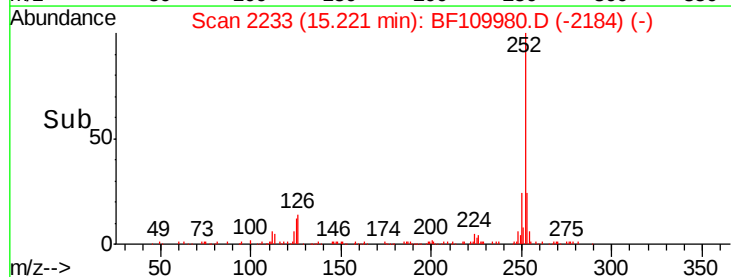
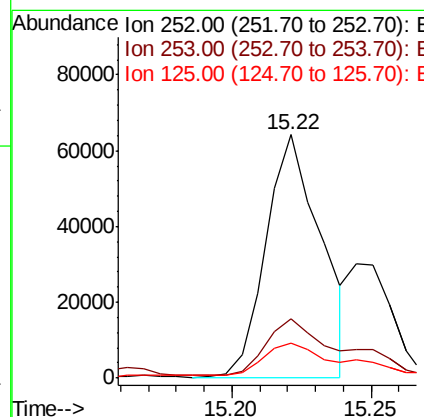
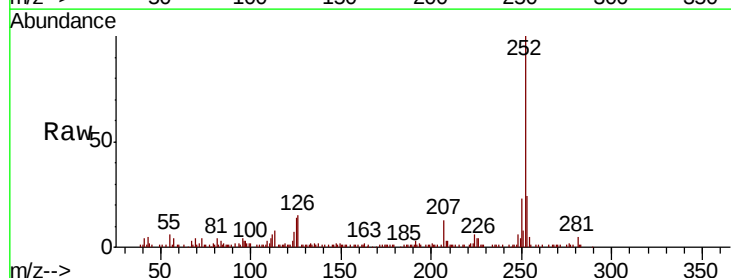
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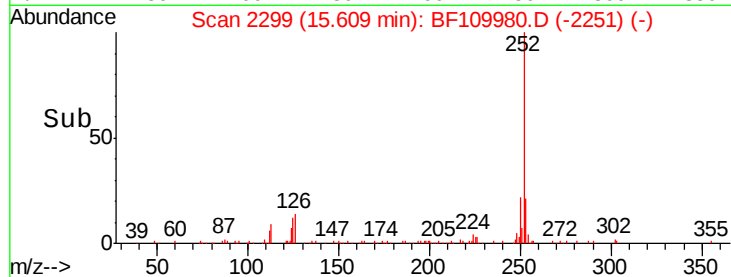
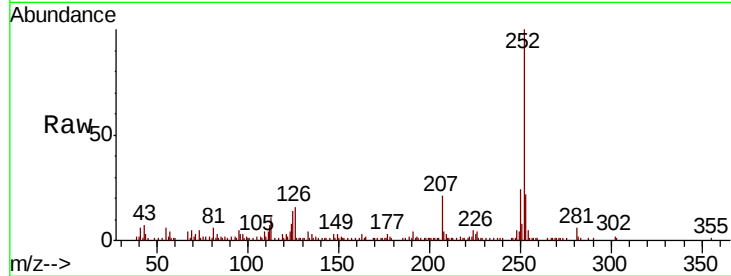
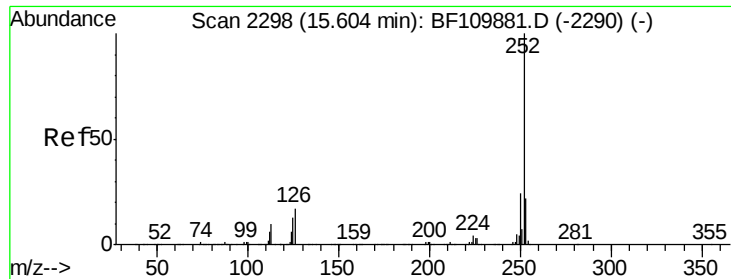
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#88
Benzo(b)fluoranthene
Concen: 3.722 ng m
RT: 15.22 min Scan# 2233
Delta R.T. -0.01 min
Lab File: BF109980.D
Acq: 19 Oct 2018 1:02

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.4	17.2	25.8
125	14.3	8.2	12.4#





#90
Benzo(a)pyrene
Concen: 2.477 ng
RT: 15.61 min Scan# 2299
Delta R.T. -0.02 min
Lab File: BF109980.D
Acq: 19 Oct 2018 1:02

Instrument :
BNA_F
ClientSampleId :
TS-07

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.2	27.4
125	14.2	9.0	13.6

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