

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100518\
 Data File : BF109609.D
 Acq On : 5 Oct 2018 13:49
 Operator : JU/SJ
 Sample : J5150-01
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSSI-0926-S-10B

Manual Integrations
 APPROVED

Sohil
 10/8/2018 12:21:14 PM

Quant Time: Oct 05 15:21:45 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	93660	20.00	ng	0.00
21) Naphthalene-d8	7.98	136	382224	20.00	ng	-0.01
38) Acenaphthene-d10	9.73	164	184344	20.00	ng	-0.01
63) Phenanthrene-d10	11.21	188	328856	20.00	ng	0.00
75) Chrysene-d12	13.84	240	237077	20.00	ng	0.00
86) Perylene-d12	15.24	264	241916	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	472248	83.05	ng	0.01
7) Phenol-d6	6.36	99	633046	87.24	ng	0.00
23) Nitrobenzene-d5	7.26	82	412914	63.77	ng	-0.02
41) 2,4,6-Tribromophenol	10.52	330	128792	70.87	ng	-0.02
44) 2-Fluorobiphenyl	9.06	172	788993	64.55	ng	-0.02
78) Terphenyl-d14	12.79	244	639758	66.23	ng	-0.01
Target Compounds						
10) Phenol	6.37	94	24737	3.010	ng	81
49) Dimethylphthalate	9.45	163	74846	5.582	ng	99
74) Fluoranthene	12.42	202	72981	4.159	ng	96
77) Pyrene	12.64	202	62631	3.686	ng	99
80) Benzo(a)anthracene	13.83	228	30425	2.131	ng	97
82) Chrysene	13.86	228	29803	2.106	ng	98
87) Benzo(b)fluoranthene	14.84	252	42585m	3.204	ng	
89) Benzo(a)pyrene	15.18	252	28032	2.340	ng	95

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

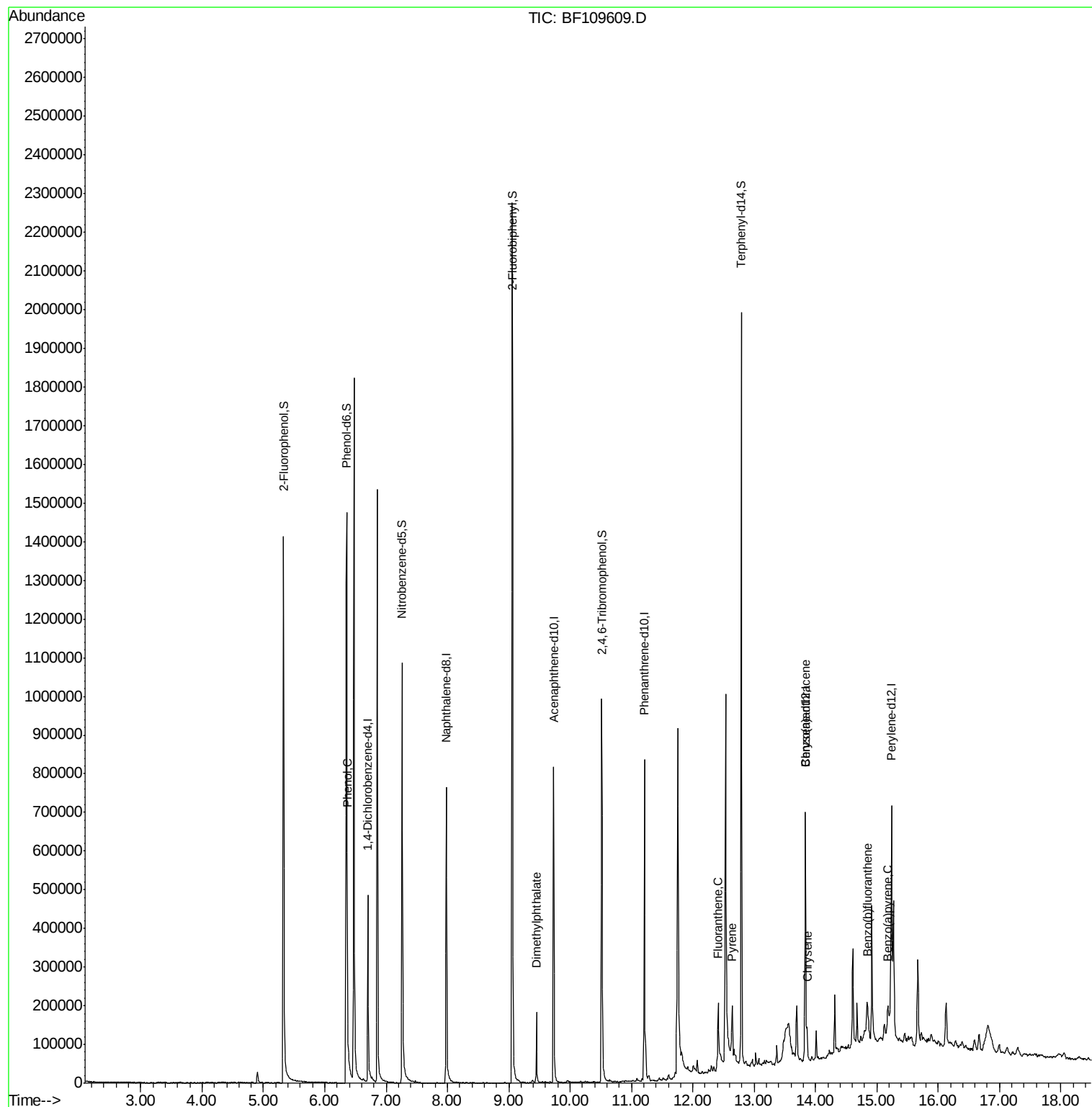
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100518\
Data File : BF109609.D
Acq On : 5 Oct 2018 13:49
Operator : JU/SJ
Sample : J5150-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

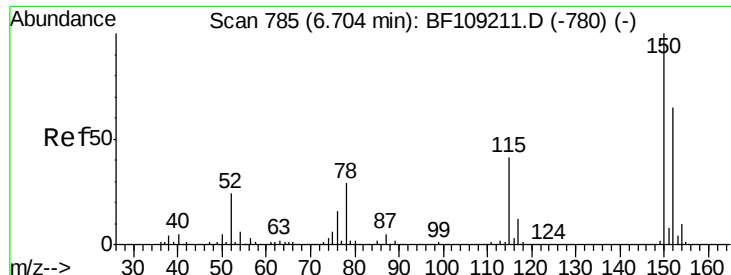
Instrument :
BNA_F
ClientSampleId :
SSSI-0926-S-10B

Manual Integrations
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10/8/2018 12:21:14 PM

Quant Time: Oct 05 15:21:45 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF092218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

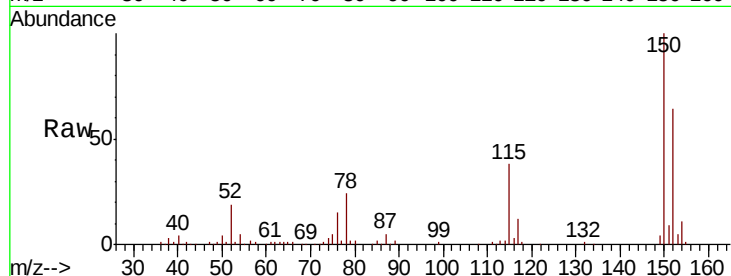
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.70 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF109609.D
Acq: 5 Oct 2018 13:49

Instrument :
BNA_F
ClientSampleId :
SSSI-0926-S-10B

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.8	124.6	186.8
115	59.0	50.1	75.1

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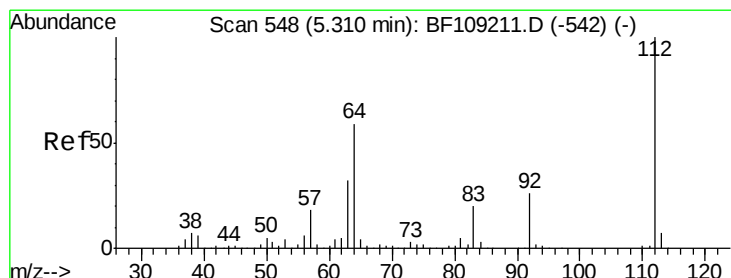
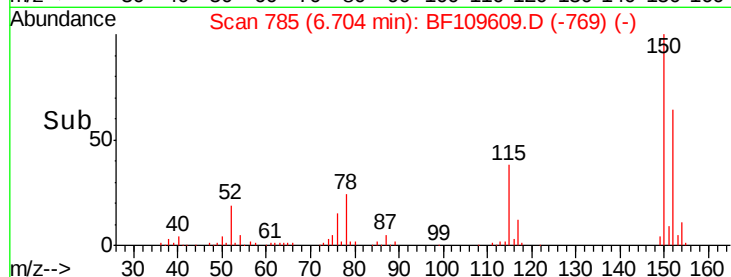
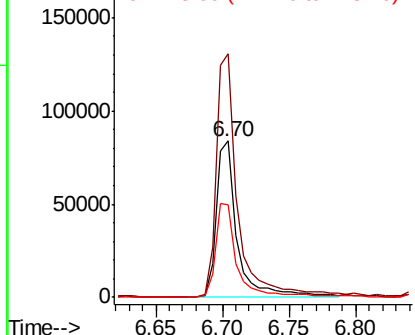


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

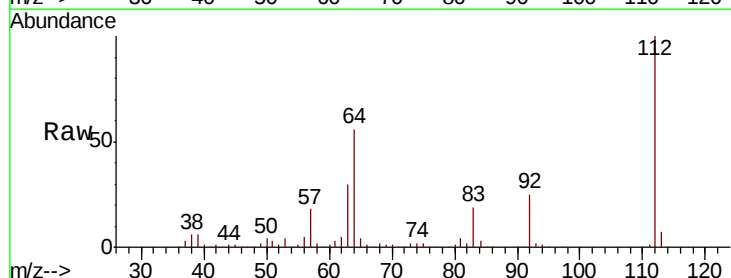
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 83.048 ng
RT: 5.33 min Scan# 551
Delta R.T. 0.01 min
Lab File: BF109609.D
Acq: 5 Oct 2018 13:49

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.4	47.9	71.9
63	29.8	23.7	35.5

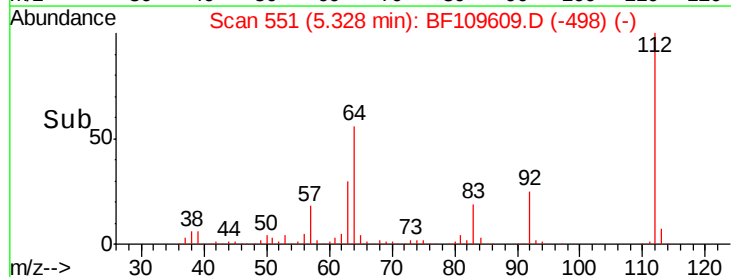
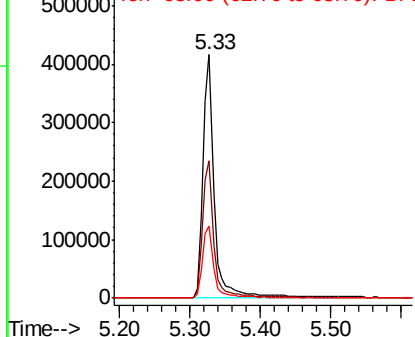


Abundance

Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 87.243 ng

RT: 6.36 min Scan# 726

Delta R.T. 0.00 min

Lab File: BF109609.D

Acq: 5 Oct 2018 13:49

Instrument :

BNA_F

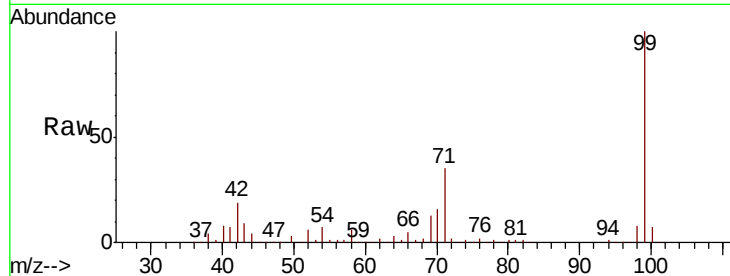
ClientSampleId :

SSSI-0926-S-10B

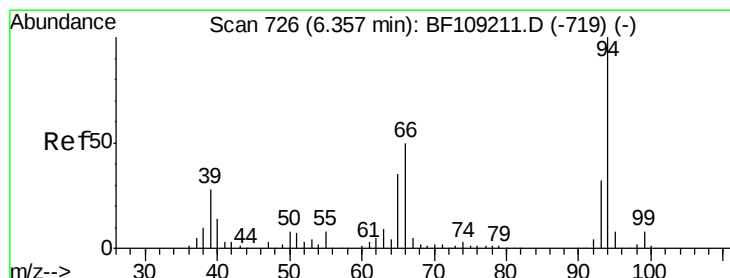
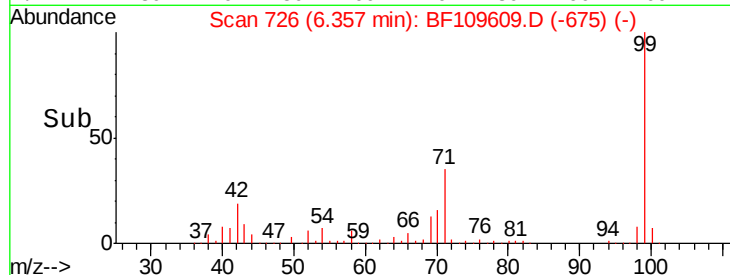
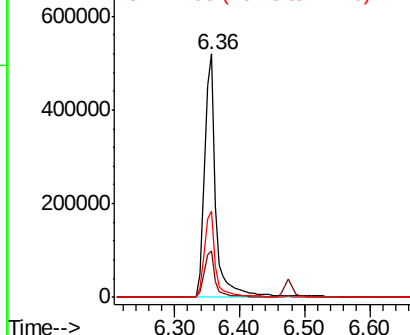
Tot Ion:	99	Resp:	633046
Ion	Ratio	Lower	Upper
99	100		
42	18.9	14.5	21.7
71	35.5	25.4	38.0

Manual Integrations
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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



#10

Phenol

Concen: 3.010 ng

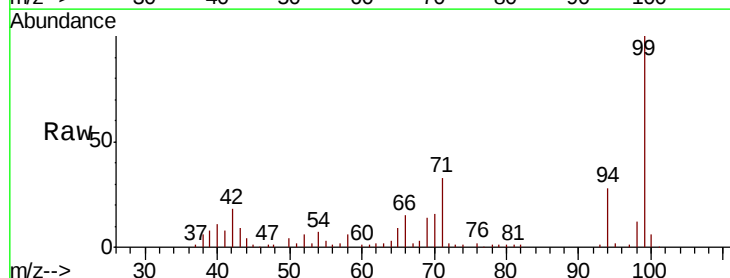
RT: 6.37 min Scan# 728

Delta R.T. -0.01 min

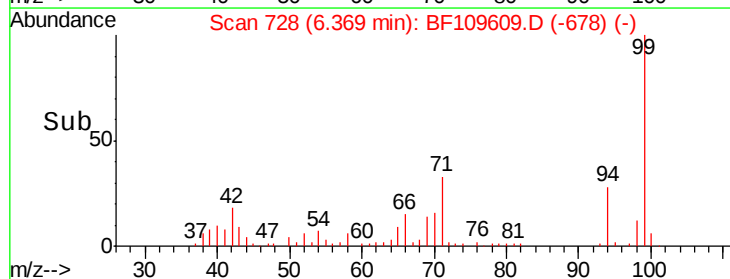
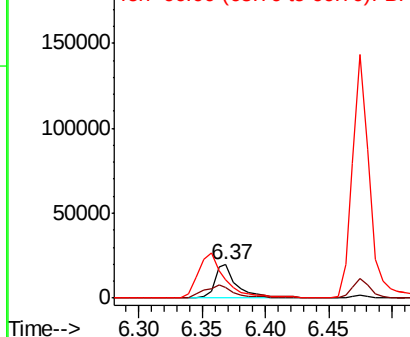
Lab File: BF109609.D

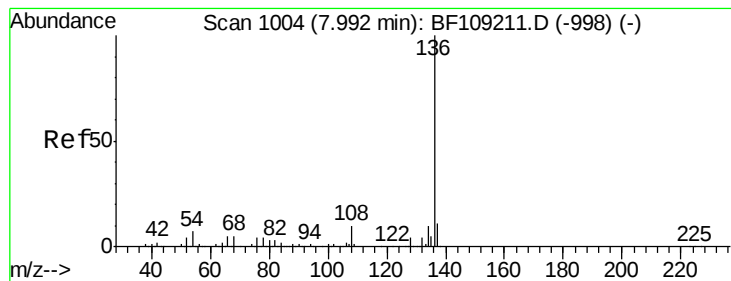
Acq: 5 Oct 2018 13:49

Tgt Ion:	94	Resp:	24737
Ion	Ratio	Lower	Upper
94	100		
65	31.3	7.9	47.9
66	53.1	16.2	56.2



Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1





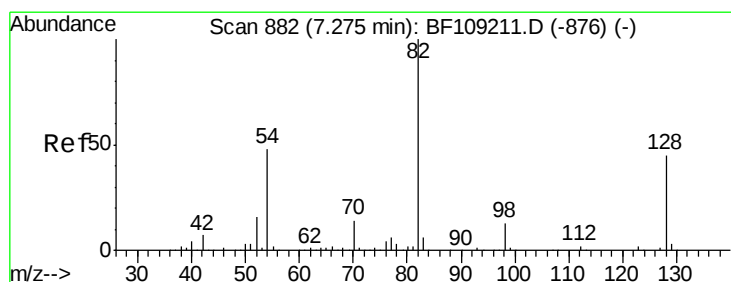
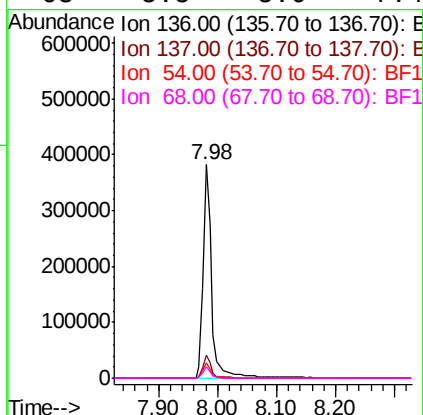
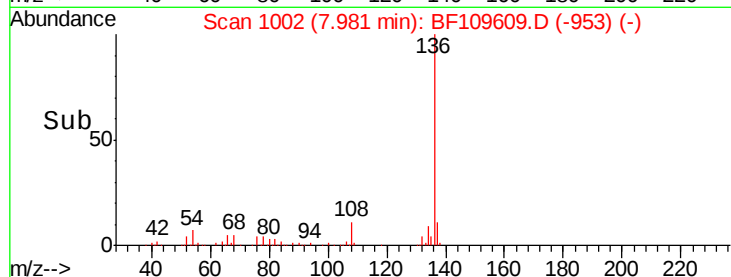
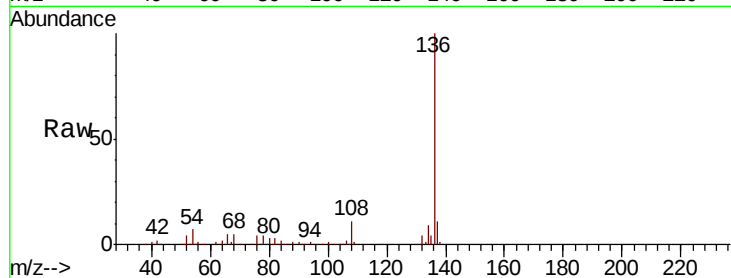
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.98 min Scan# 1002
Delta R.T. -0.01 min
Lab File: BF109609.D
Acq: 5 Oct 2018 13:49

Instrument :
BNA_F
ClientSampleId :
SSSI-0926-S-10B

Tot Ion	Ratio	Resp	Lower	Upper
136	100	382224		
137	10.8		8.9	13.3
54	7.0		6.6	9.8
68	5.5		5.0	7.4

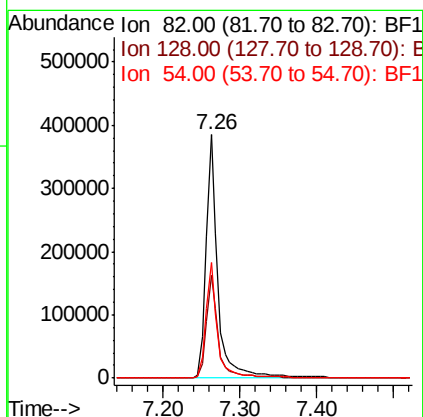
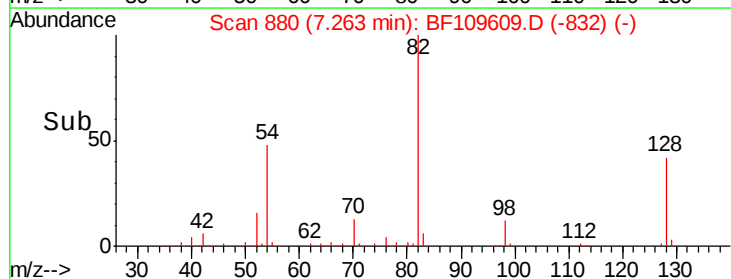
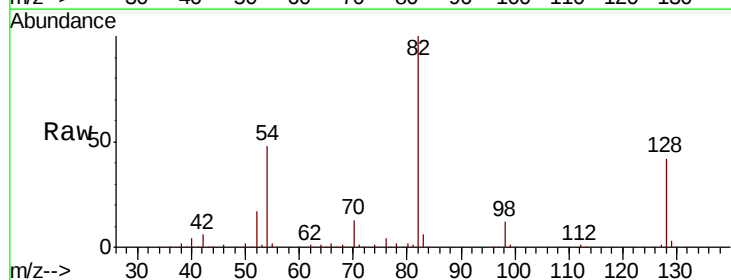
Manual Integrations
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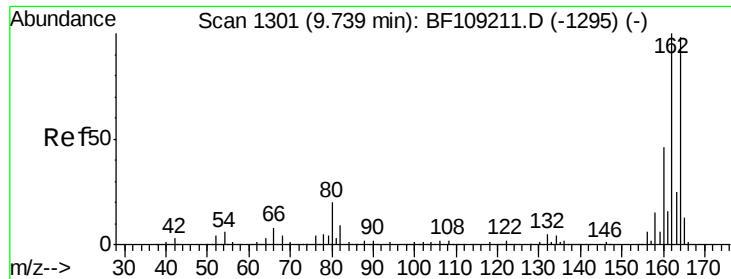
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#23
Nitrobenzene-d5
Concen: 63.771 ng
RT: 7.26 min Scan# 880
Delta R.T. -0.02 min
Lab File: BF109609.D
Acq: 5 Oct 2018 13:49

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	412914		
128	42.1		36.1	54.1
54	47.6		41.4	62.2





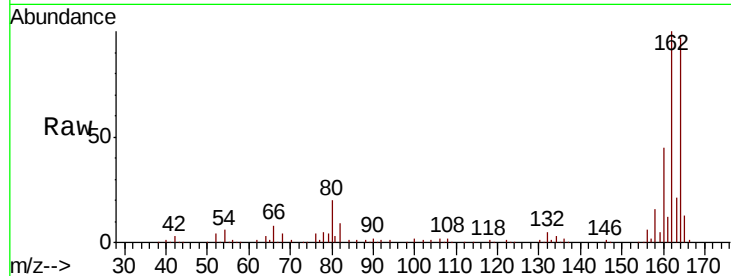
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.73 min Scan# 1299
Delta R.T. -0.01 min
Lab File: BF109609.D
Acq: 5 Oct 2018 13:49

Instrument :
BNA_F
ClientSampleId :
SSSI-0926-S-10B

Tot Ion	Ratio	Lower	Upper
164	100		
162	103.3	86.1	129.1
160	46.9	38.3	57.5

Manual Integrations
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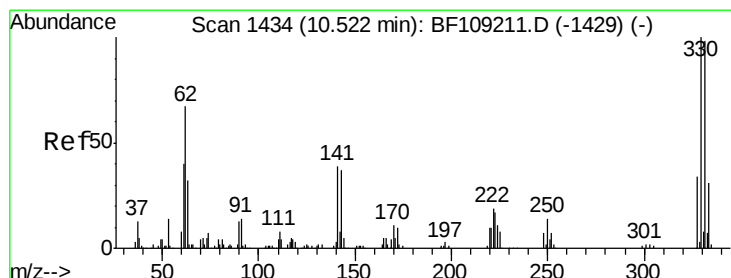
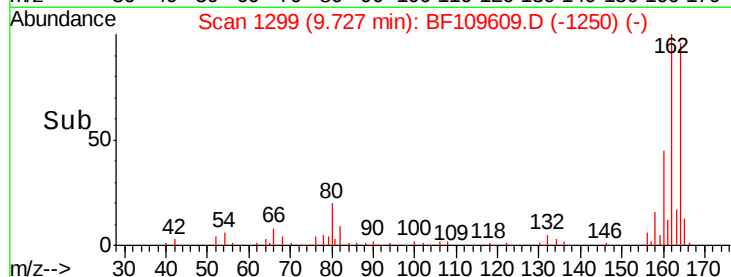
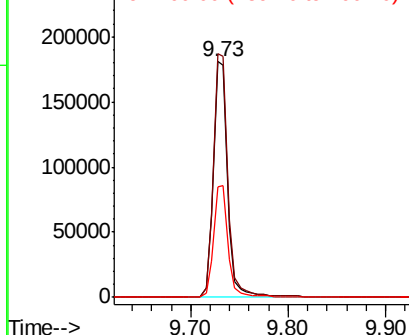


Abundance

Ion 164.00 (163.70 to 164.70): E

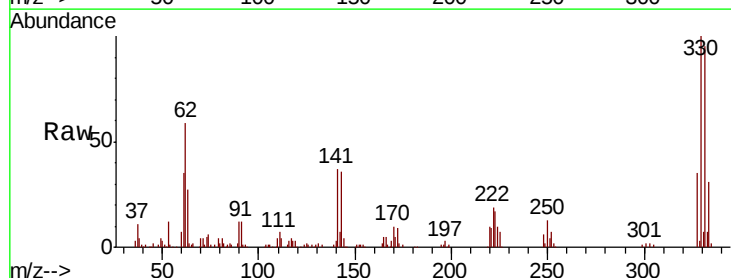
Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#41
2,4,6-Tribromophenol
Concen: 70.872 ng
RT: 10.52 min Scan# 1433
Delta R.T. -0.02 min
Lab File: BF109609.D
Acq: 5 Oct 2018 13:49

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.0	77.0	115.6
141	34.7	29.9	44.9

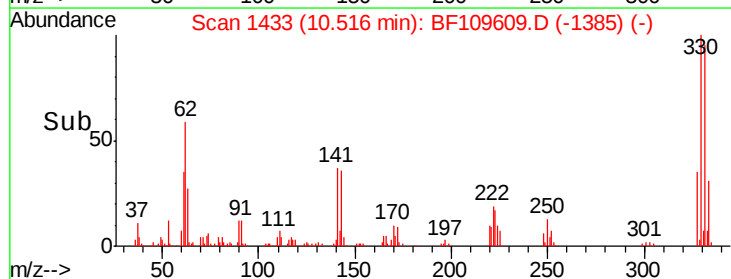
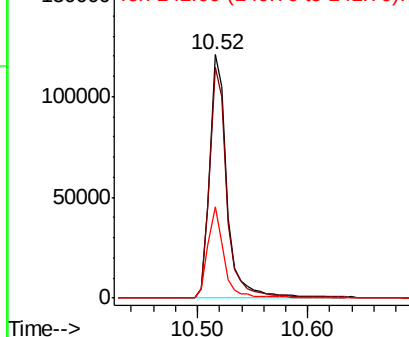


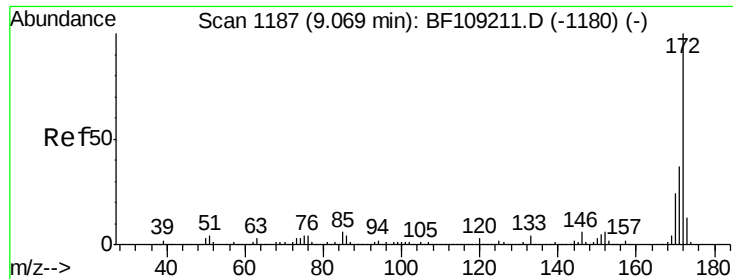
Abundance

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





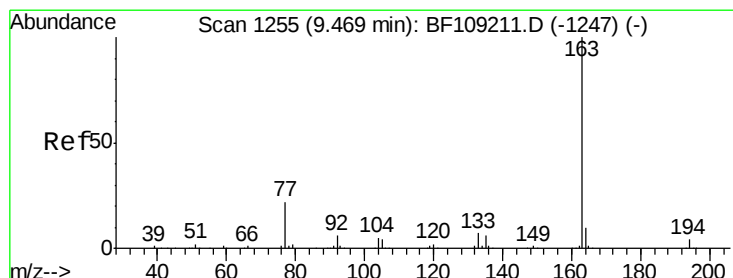
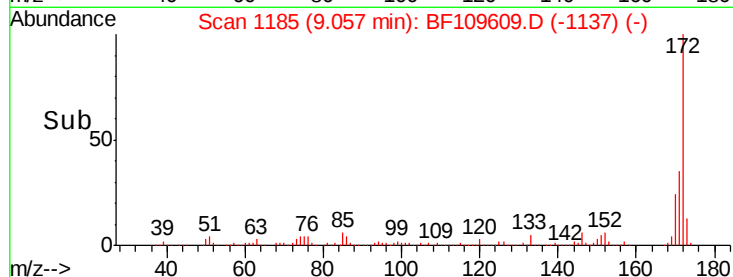
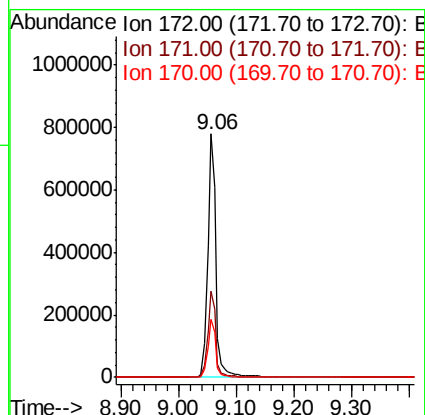
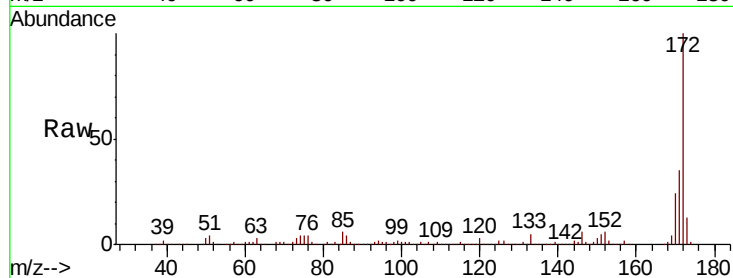
#44
2-Fluorobiphenyl
Concen: 64.551 ng
RT: 9.06 min Scan# 1185
Delta R.T. -0.02 min
Lab File: BF109609.D
Acq: 5 Oct 2018 13:49

Instrument :
BNA_F
ClientSampleId :
SSSI-0926-S-10B

Tot Ion	Ratio	Resp Lower	Upper
172	100		
171	35.4	29.7	44.5
170	23.8	19.6	29.4

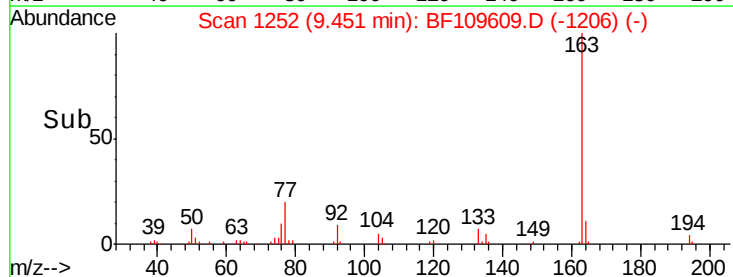
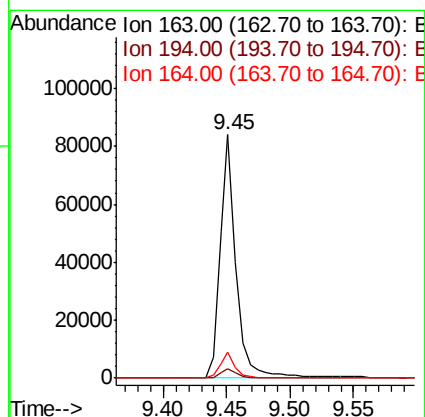
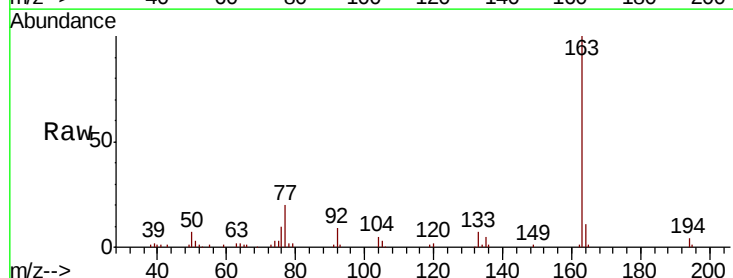
Manual Integrations
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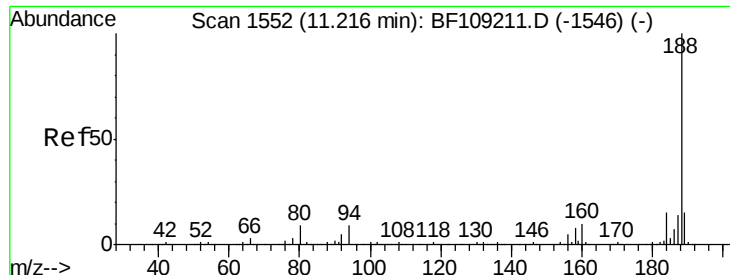
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#49
Dimethylphthalate
Concen: 5.582 ng
RT: 9.45 min Scan# 1252
Delta R.T. -0.03 min
Lab File: BF109609.D
Acq: 5 Oct 2018 13:49

Tgt Ion	Ratio	Resp Lower	Upper
163	100		
194	3.9	2.7	4.1
164	10.6	8.2	12.2





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.21 min Scan# 1551

Delta R.T. -0.01 min

Lab File: BF109609.D

Acq: 5 Oct 2018 13:49

Instrument :

BNA_F

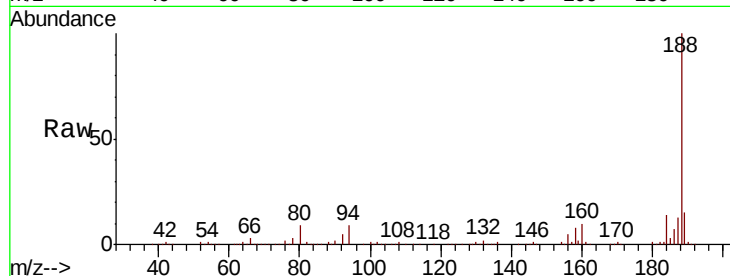
ClientSampleId :

SSSI-0926-S-10B

Tot Ion:	188	Resp:	328856
Ion Ratio	Lower	Upper	
188	100		
94	8.6	8.5	12.7
80	9.2	9.2	13.8

Manual Integrations
APPROVED

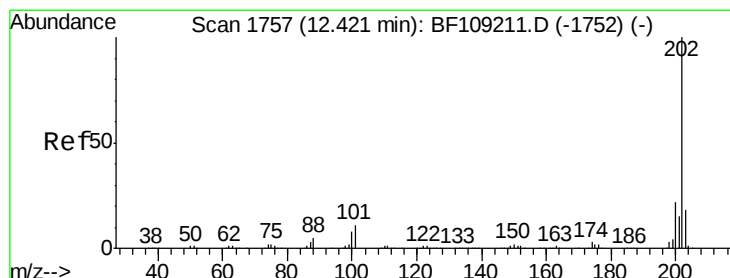
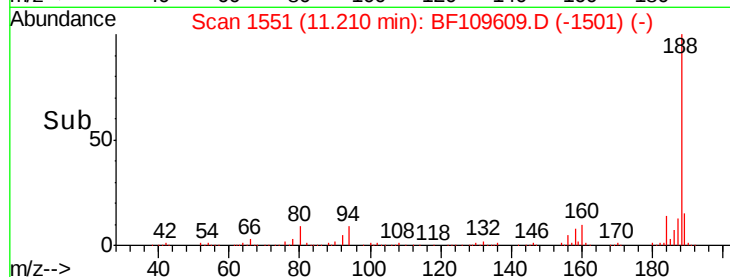
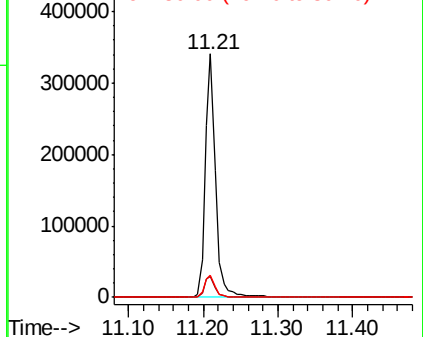
Sohil
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Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1



#74

Fluoranthene

Concen: 4.159 ng

RT: 12.42 min Scan# 1756

Delta R.T. -0.01 min

Lab File: BF109609.D

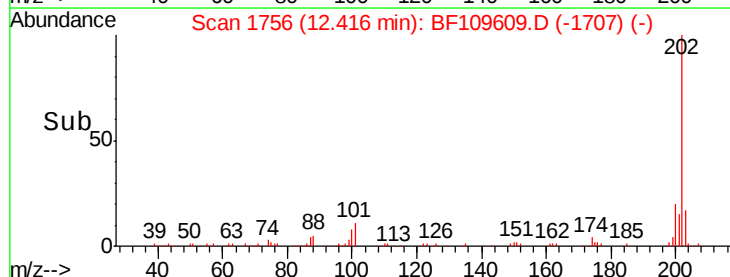
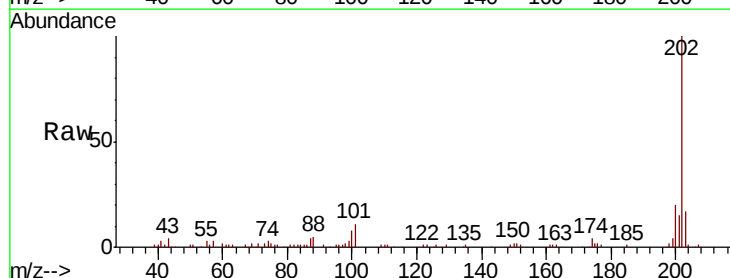
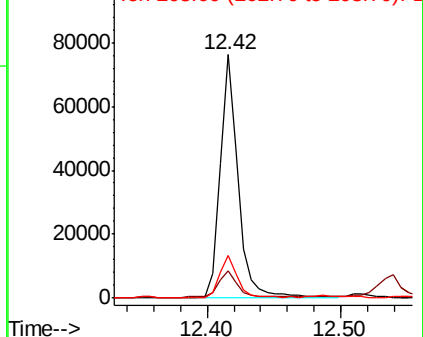
Acq: 5 Oct 2018 13:49

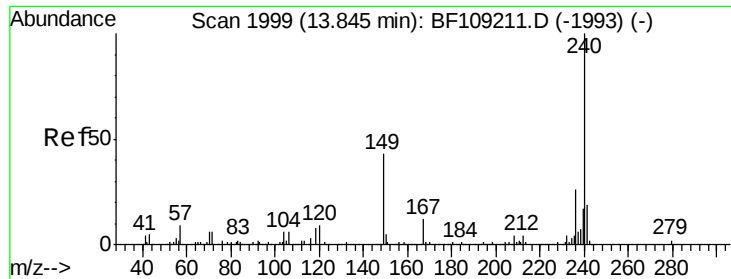
Tgt Ion:	202	Resp:	72981
Ion Ratio	Lower	Upper	
202	100		
101	11.1	0.0	34.1
203	17.4	0.0	38.1

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





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.84 min Scan# 1998

Delta R.T. -0.01 min

Lab File: BF109609.D

Acq: 5 Oct 2018 13:49

Instrument :

BNA_F

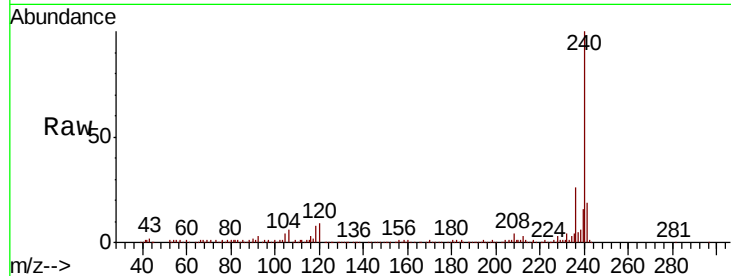
ClientSampleId :

SSSI-0926-S-10B

Tot Ion	Ratio	Lower	Upper
240	100		
120	9.4	9.5	14.3#
236	25.5	20.7	31.1

Manual Integrations
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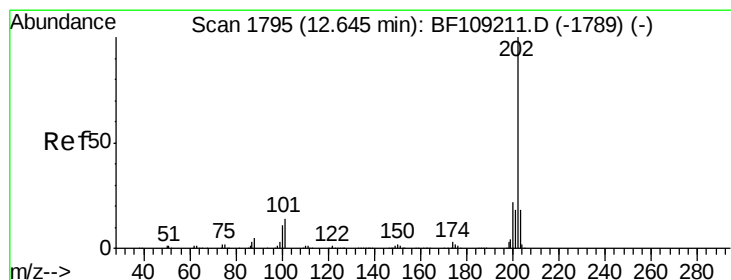
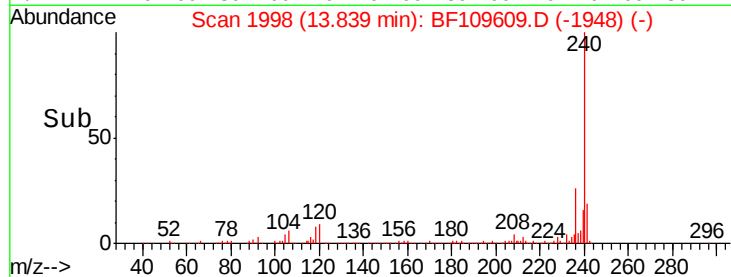
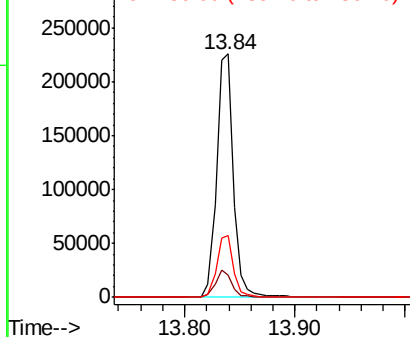


Abundance

Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#77

Pyrene

Concen: 3.686 ng

RT: 12.64 min Scan# 1795

Delta R.T. -0.01 min

Lab File: BF109609.D

Acq: 5 Oct 2018 13:49

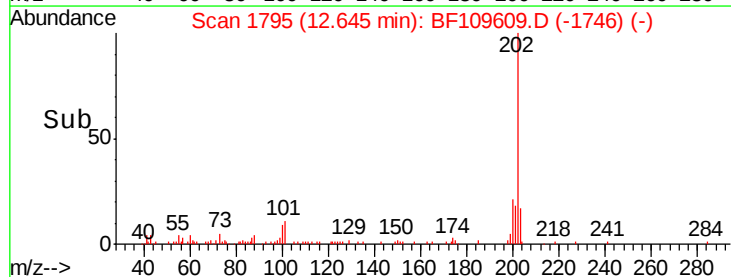
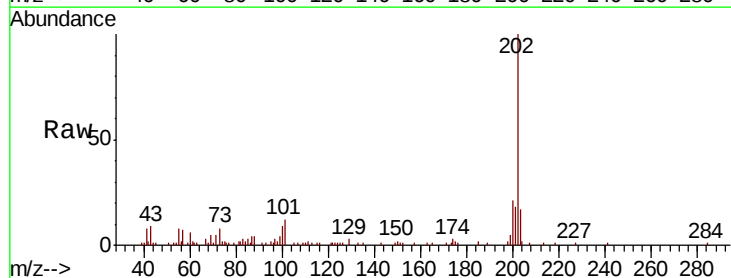
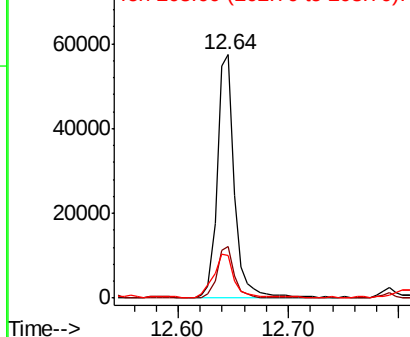
Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.2	17.4	26.2
203	17.3	14.3	21.5

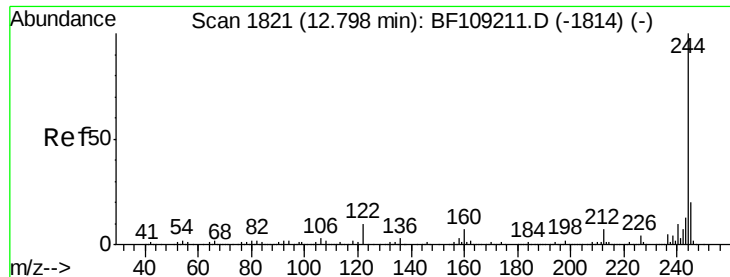
Abundance

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





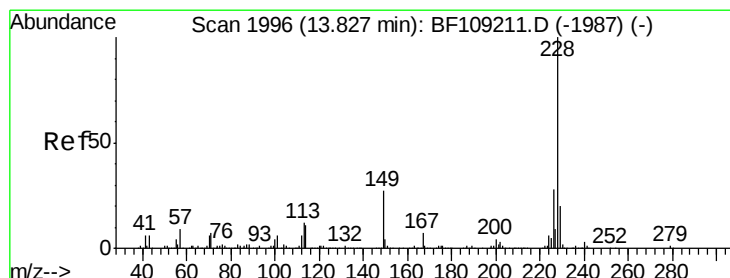
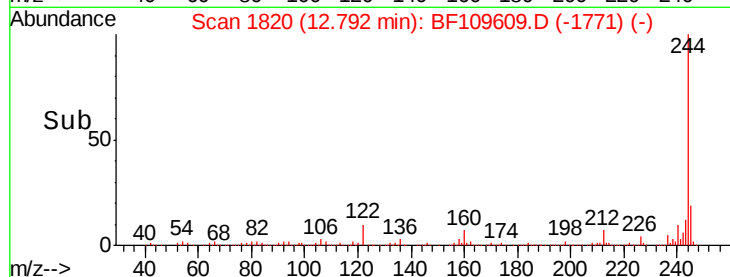
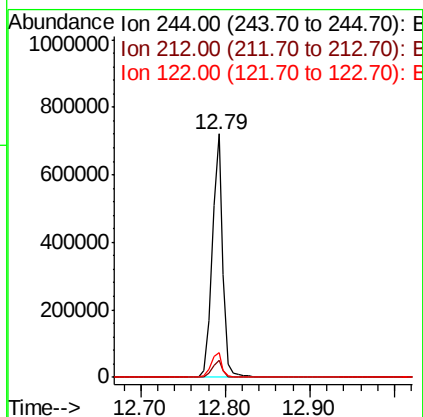
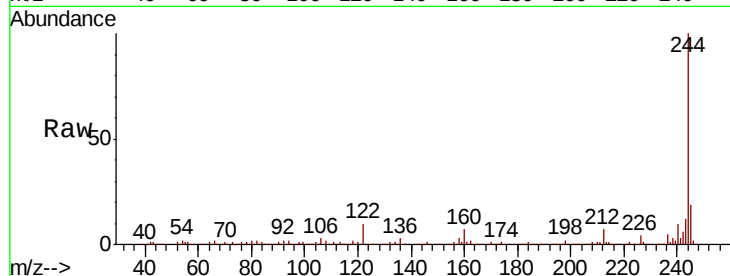
#78
 Terphenyl-d14
 Concen: 66.226 ng
 RT: 12.79 min Scan# 1820
 Delta R.T. -0.01 min
 Lab File: BF109609.D
 Acq: 5 Oct 2018 13:49

Instrument :
 BNA_F
 ClientSampleId :
 SSSI-0926-S-10B

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.4	8.0
122	10.4	11.0	16.4

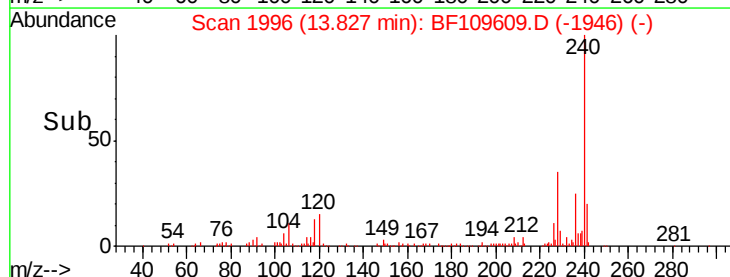
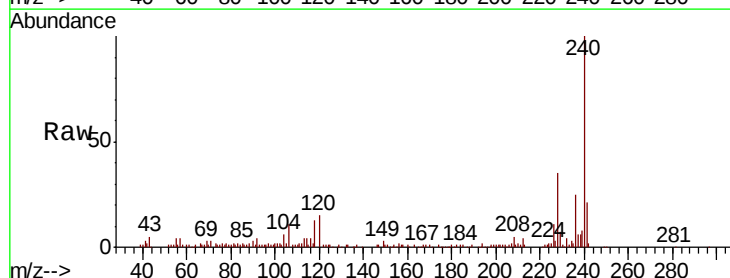
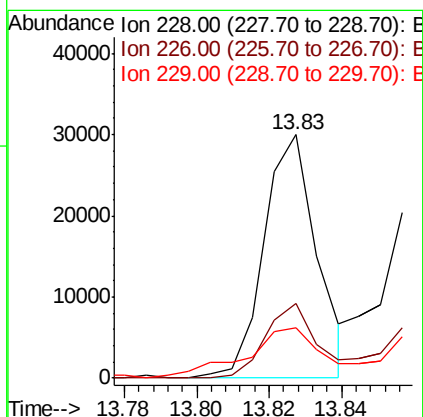
Manual Integrations
 APPROVED

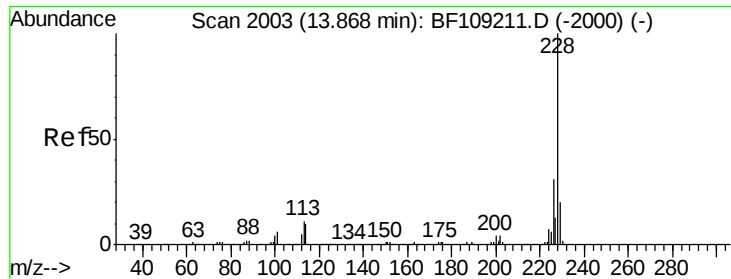
Sohil
 10/8/2018 12:21:14 PM



#80
 Benzo(a)anthracene
 Concen: 2.131 ng
 RT: 13.83 min Scan# 1996
 Delta R.T. -0.01 min
 Lab File: BF109609.D
 Acq: 5 Oct 2018 13:49

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.7	22.6	33.8
229	20.5	15.8	23.6





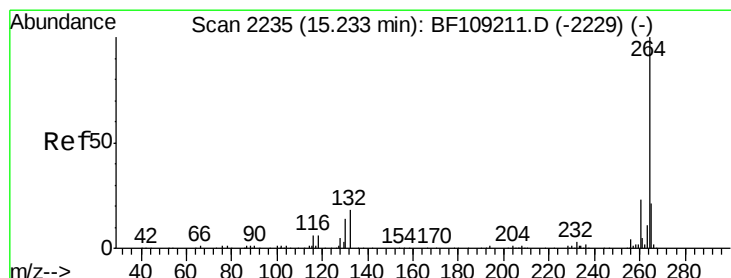
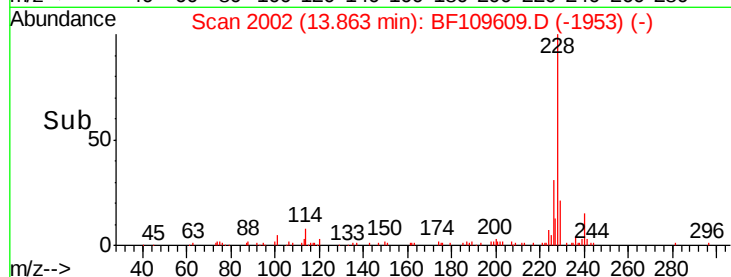
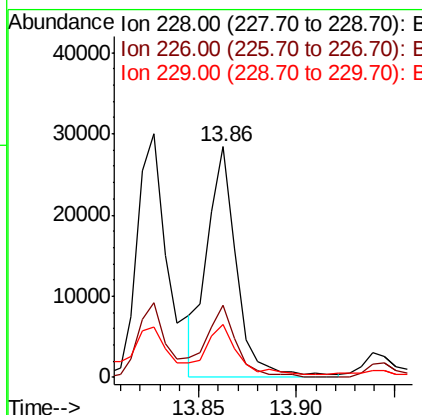
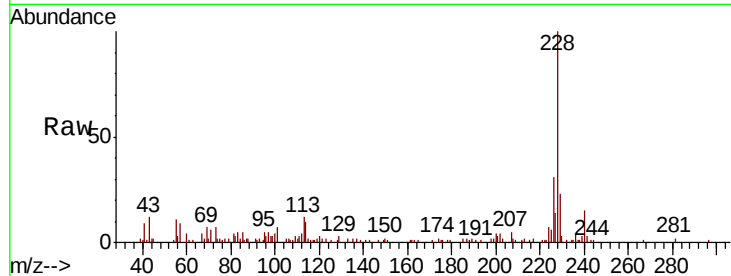
#82
Chrysene
Concen: 2.106 ng
RT: 13.86 min Scan# 2002
Delta R.T. -0.01 min
Lab File: BF109609.D
Acq: 5 Oct 2018 13:49

Instrument :
BNA_F
ClientSampleId :
SSSI-0926-S-10B

Tot Ion	Ratio	Lower	Upper
228	100		
226	31.3	25.0	37.6
229	23.1	16.2	24.4

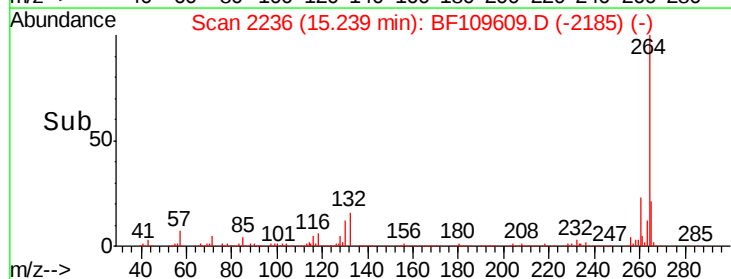
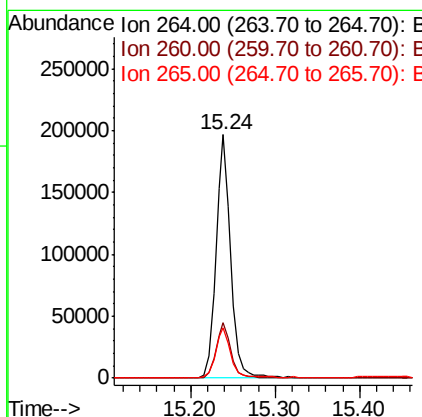
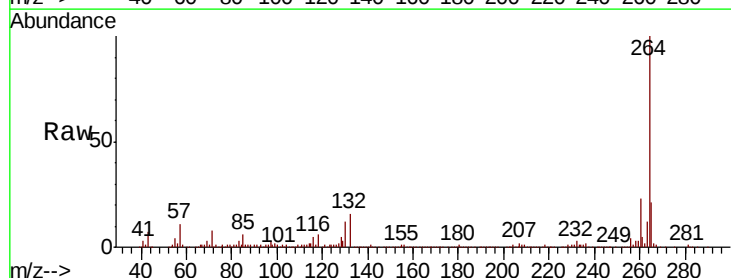
Manual Integrations
APPROVED

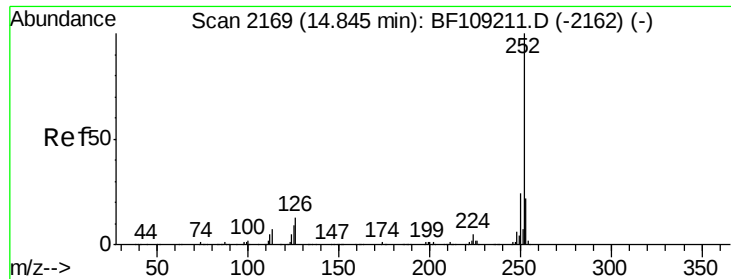
Sohil
10/8/2018 12:21:14 PM



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.24 min Scan# 2236
Delta R.T. 0.00 min
Lab File: BF109609.D
Acq: 5 Oct 2018 13:49

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.9	19.2	28.8
265	20.9	17.5	26.3





#87

Benzo(b)fluoranthene

Concen: 3.204 ng m

RT: 14.84 min Scan# 2169

Delta R.T. -0.01 min

Lab File: BF109609.D

Acq: 5 Oct 2018 13:49

Instrument :

BNA_F

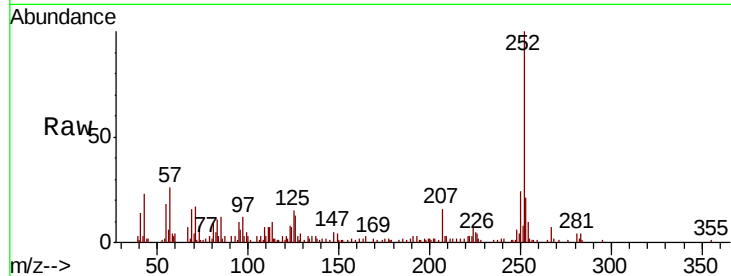
ClientSampled :

SSSI-0926-S-10B

Tot Ion:	252	Resp:	42585
Ion Ratio	Lower	Upper	
252	100		
253	21.2	17.0	25.6
125	15.0	9.0	13.6

Manual Integrations
APPROVED

Sohil
10/8/2018 12:21:14 PM

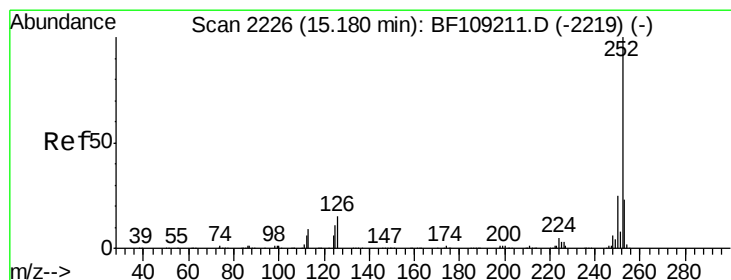
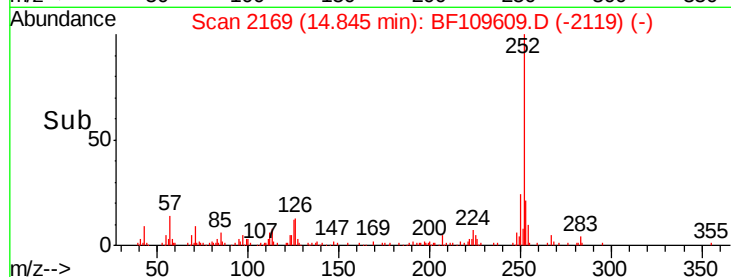
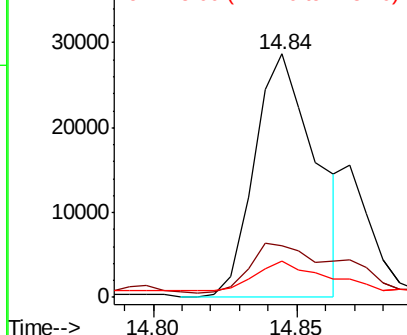


Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#89

Benzo(a)pyrene

Concen: 2.340 ng

RT: 15.18 min Scan# 2226

Delta R.T. -0.01 min

Lab File: BF109609.D

Acq: 5 Oct 2018 13:49

Tgt Ion:	252	Resp:	28032
Ion Ratio	Lower	Upper	
252	100		
253	23.8	17.1	25.7
125	14.4	9.8	14.6

Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

