Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100318\
Data File : BF109549.D
Acq On : 3 Oct 2018 16:33
Operator : JU/SJ
Sample : J5194-01 2X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HR-06-100218-A

Manual Integrations APPROVED
Sohil
10/4/2018 11:44:03 AM

Quant Time: Oct 04 09:36:48 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	95785	20.00	ng		0.00
21) Naphthalene-d8	7.99	136	293264	20.00	ng		0.00
38) Acenaphthene-d10	9.73	164	141691	20.00	ng		0.00
63) Phenanthrene-d10	11.21	188	241380	20.00	ng		0.00
75) Chrysene-d12	13.84	240	238219	20.00	ng		0.00
86) Perylene-d12	15.24	264	183863	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.31	112	247520	42.56	ng		0.00
7) Phenol-d6	6.34	99	334084	45.02	ng		-0.02
23) Nitrobenzene-d5	7.26	82	206274	41.52	ng		-0.02
41) 2,4,6-Tribromophenol	10.52	330	59093	42.31	ng		-0.02
44) 2-Fluorobiphenyl	9.06	172	323272	34.41	ng		-0.02
78) Terphenyl-d14	12.79	244	279615	28.81	ng		-0.01
Target Compounds							Qvalue
49) Dimethylphthalate	9.45	163	83525	8.105	ng	#	97
70) Phenanthrene	11.23	178	33360	2.768	ng		99
74) Fluoranthene	12.42	202	59345	4.608	ng		95
77) Pyrene	12.64	202	65757	3.852	ng		98
80) Benzo(a)anthracene	13.83	228	35200	2.453	ng	#	91
82) Chrysene	13.86	228	35735	2.513	ng	#	92
87) Benzo(b)fluoranthene	14.84	252	33664m	3.332	ng		
89) Benzo(a)pyrene	15.19	252	21224	2.331	ng	#	71

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

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BNA_F
ClientSampleId :
HR-06-100218-A

Manual Integrations APPROVED
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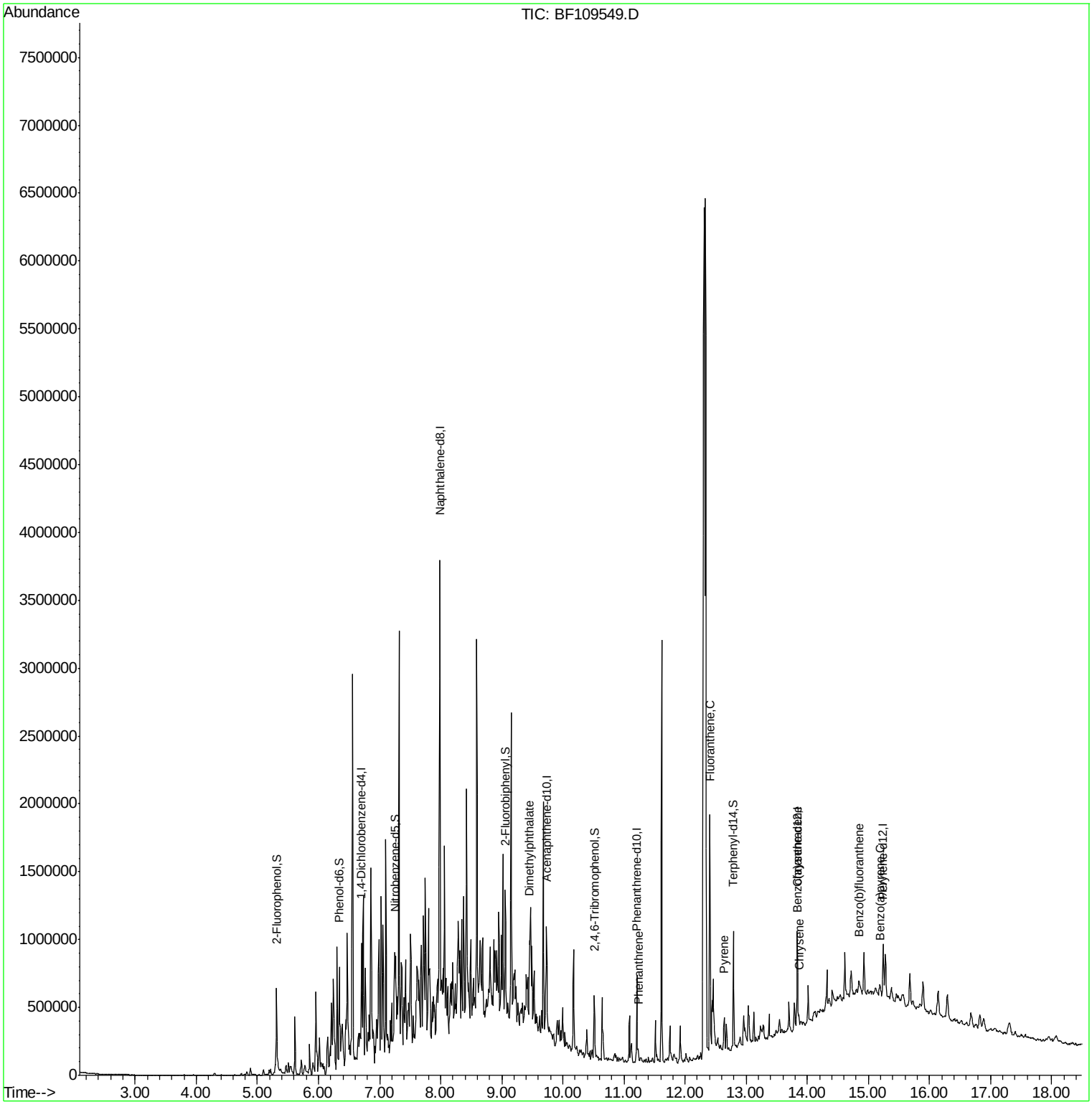
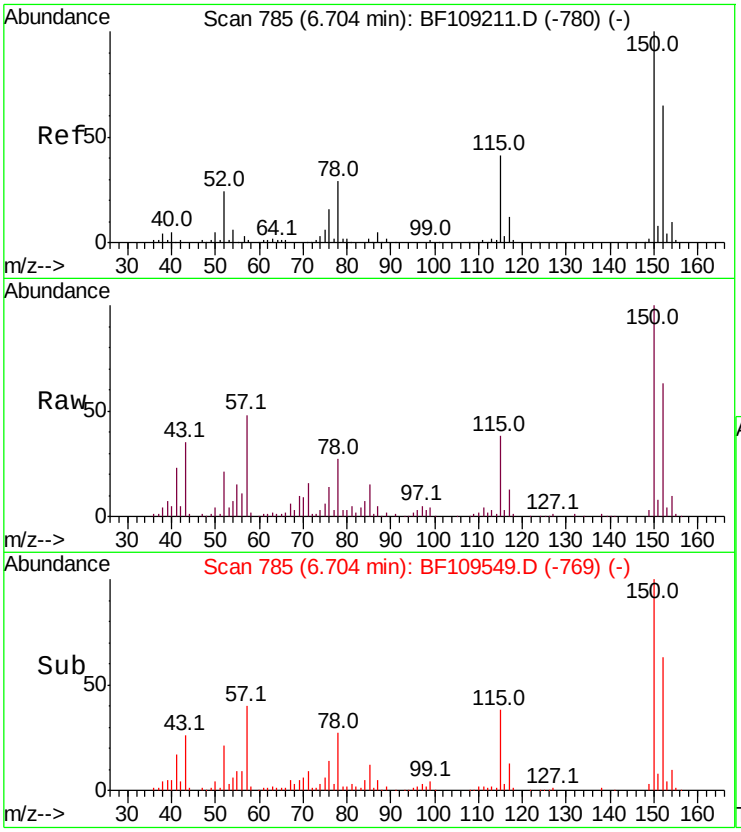
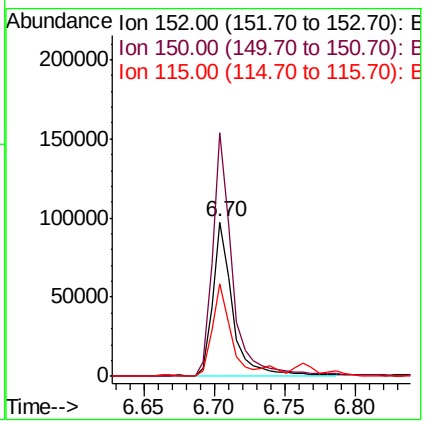




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.70 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF109549.D
Acq: 3 Oct 2018 16:33

Tgt Ion:152 Resp: 95785

Ion	Ratio	Lower	Upper
152	100		
150	157.5	124.6	186.8
115	59.8	50.1	75.1



Instrument :
BNA_F
ClientSampleId :
HR-06-100218-A

Manual Integrations APPROVED
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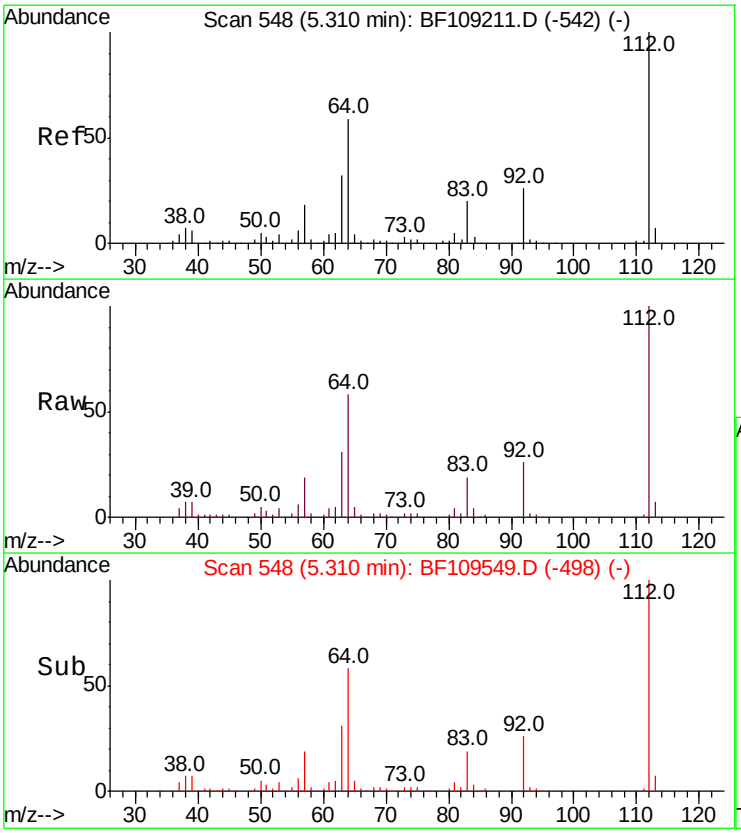
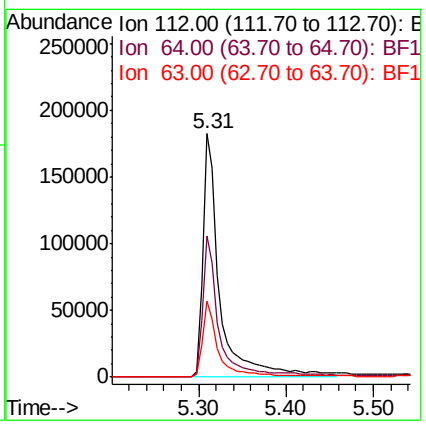
10/4/2018 11:44:03 AM

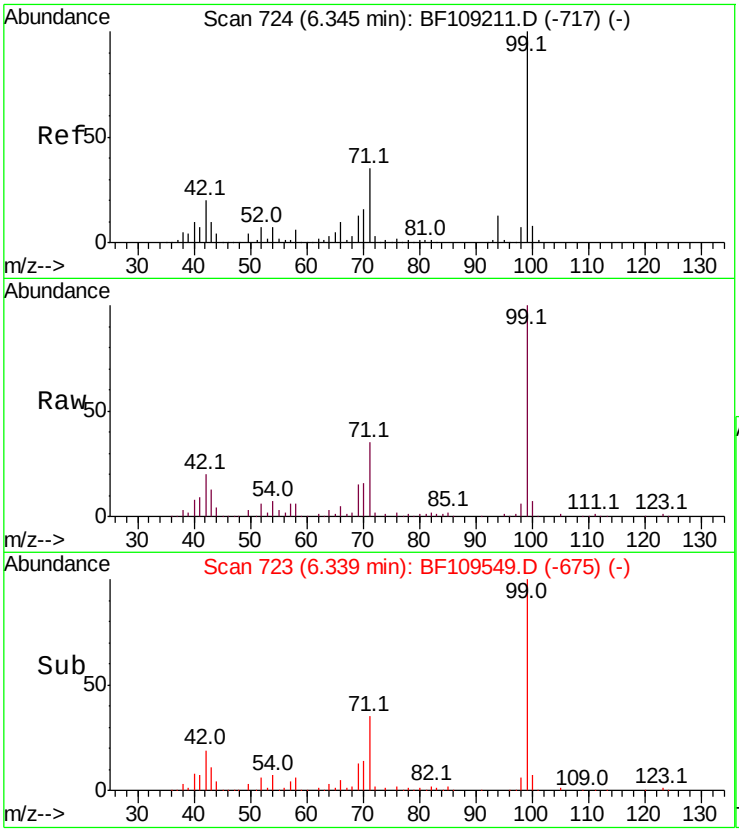


#5
2-Fluorophenol
Concen: 42.562 ng
RT: 5.31 min Scan# 548
Delta R.T. -0.01 min
Lab File: BF109549.D
Acq: 3 Oct 2018 16:33

Tgt Ion:112 Resp: 247520

Ion	Ratio	Lower	Upper
112	100		
64	58.1	47.9	71.9
63	31.0	23.7	35.5

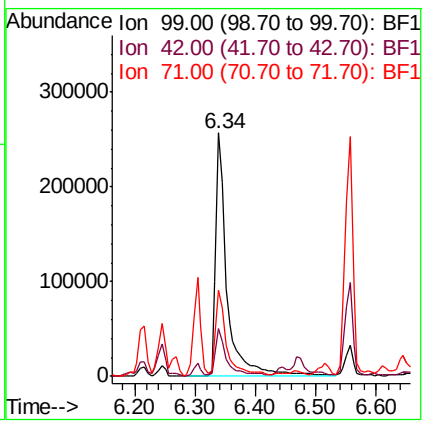




#7
Phenol-d6
Concen: 45.020 ng
RT: 6.34 min Scan# 723
Delta R.T. -0.02 min
Lab File: BF109549.D
Acq: 3 Oct 2018 16:33

Tgt Ion: 99 Resp: 334084

Ion	Ratio	Lower	Upper
99	100		
42	19.8	14.5	21.7
71	35.5	25.4	38.0



Instrument :
BNA_F
ClientSampleId :
HR-06-100218-A

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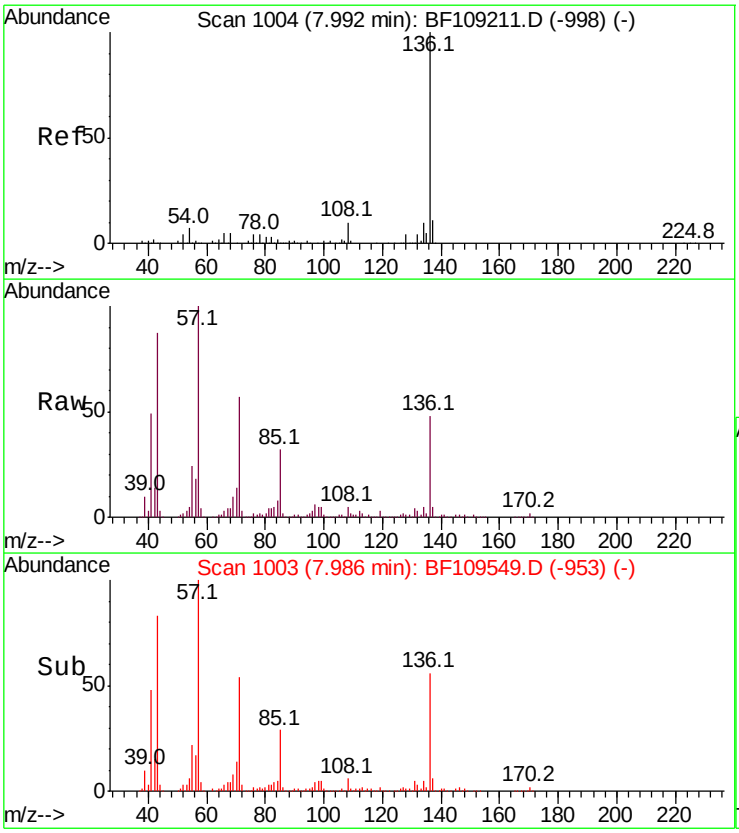
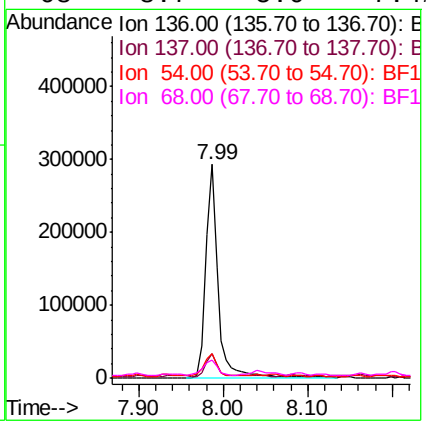
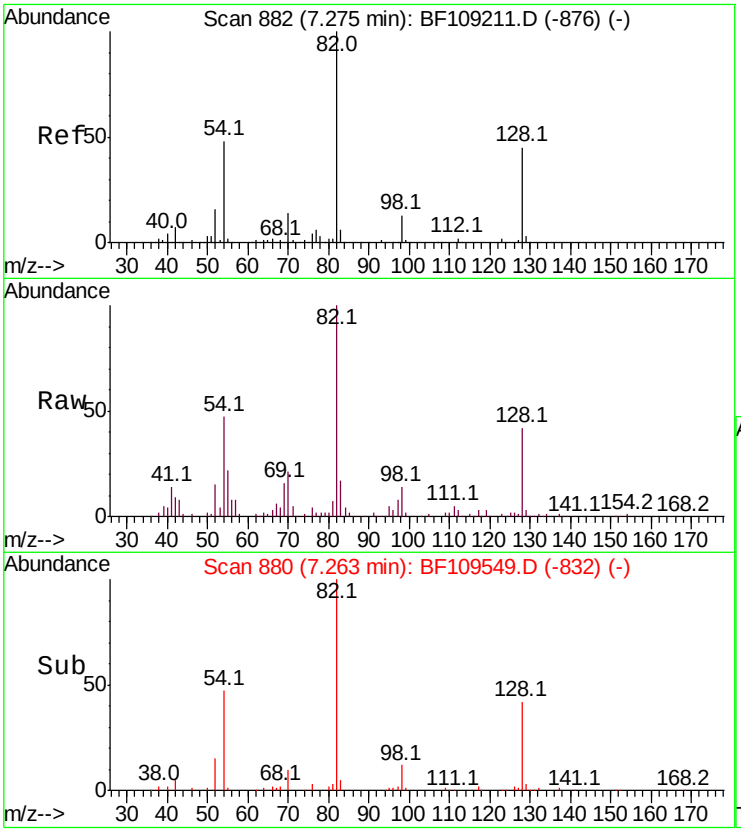


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.99 min Scan# 1003
Delta R.T. -0.01 min
Lab File: BF109549.D
Acq: 3 Oct 2018 16:33

Tgt Ion:136 Resp: 293264

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.9	13.3
54	11.3	6.6	9.8#
68	8.7	5.0	7.4#

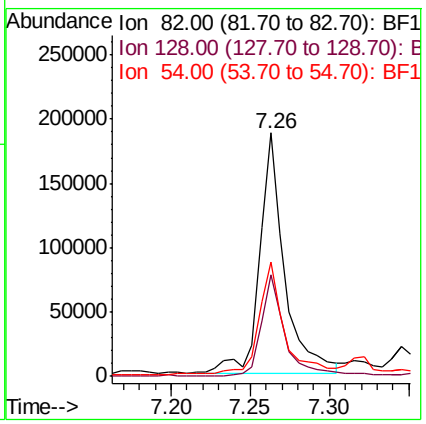




#23
Nitrobenzene-d5
Concen: 41.521 ng
RT: 7.26 min Scan# 880
Delta R.T. -0.02 min
Lab File: BF109549.D
Acq: 3 Oct 2018 16:33

Tgt Ion: 82 Resp: 206274

Ion	Ratio	Lower	Upper
82	100		
128	41.6	36.1	54.1
54	46.9	41.4	62.2



Instrument :
BNA_F
ClientSampleId :
HR-06-100218-A

Manual Integrations APPROVED
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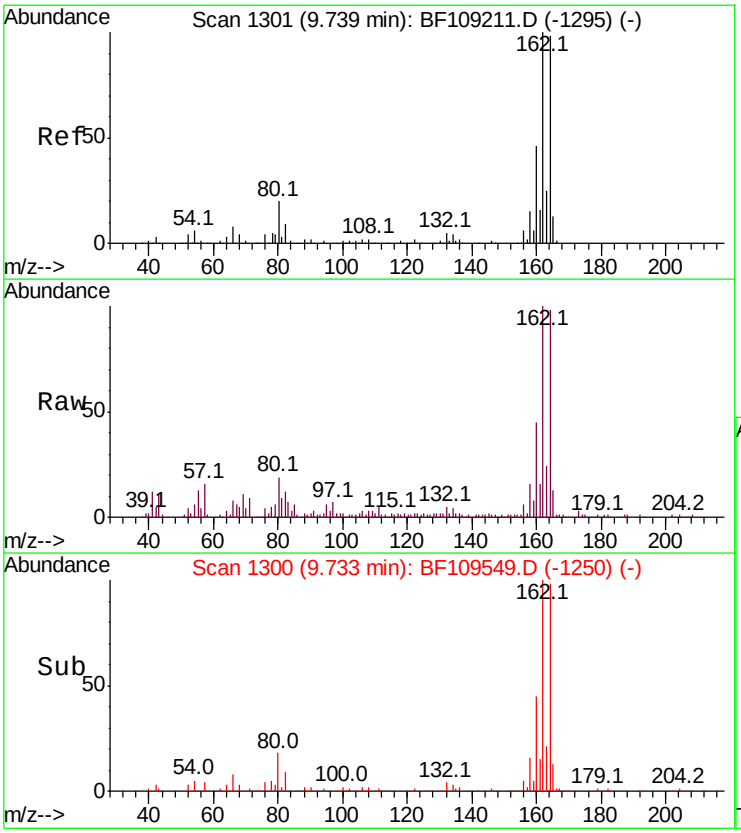
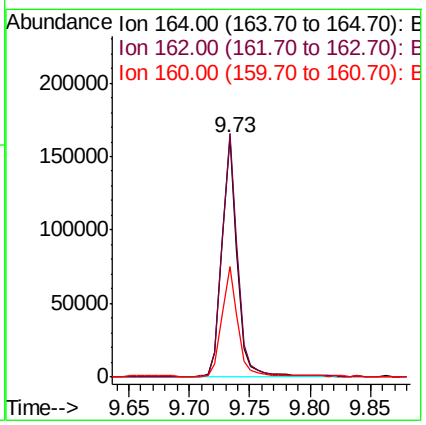
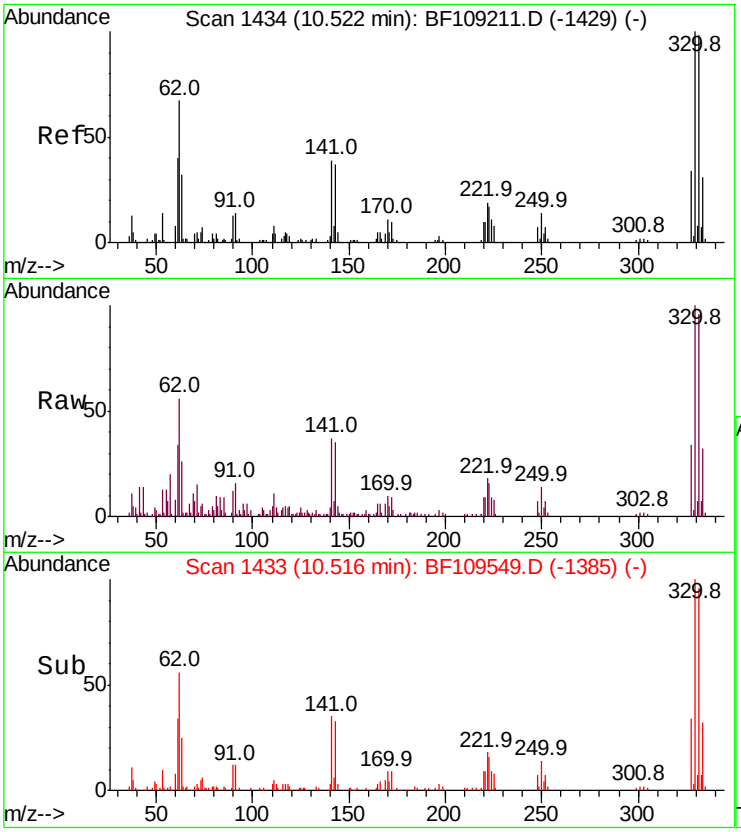


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.73 min Scan# 1300
Delta R.T. -0.01 min
Lab File: BF109549.D
Acq: 3 Oct 2018 16:33

Tgt Ion:164 Resp: 141691

Ion	Ratio	Lower	Upper
164	100		
162	101.8	86.1	129.1
160	46.1	38.3	57.5

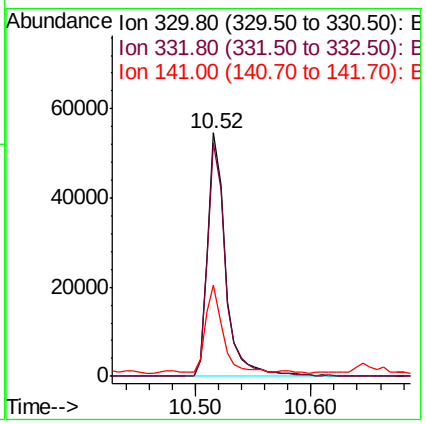




#41
2,4,6-Tribromophenol
Concen: 42.307 ng
RT: 10.52 min Scan# 1433
Delta R.T. -0.02 min
Lab File: BF109549.D
Acq: 3 Oct 2018 16:33

Tgt Ion:330 Resp: 59093

Ion	Ratio	Lower	Upper
330	100		
332	97.1	77.0	115.6
141	33.8	29.9	44.9



Instrument :
BNA_F
ClientSampleId :
HR-06-100218-A

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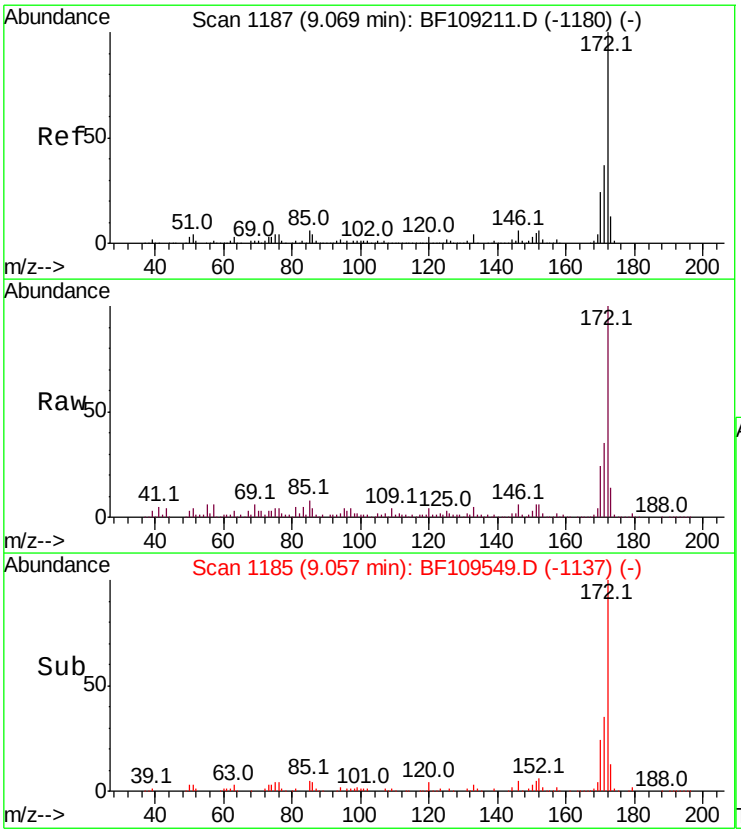
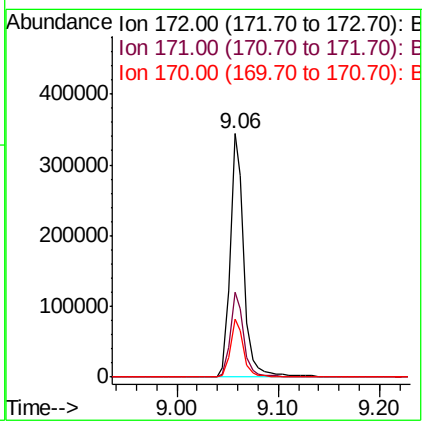
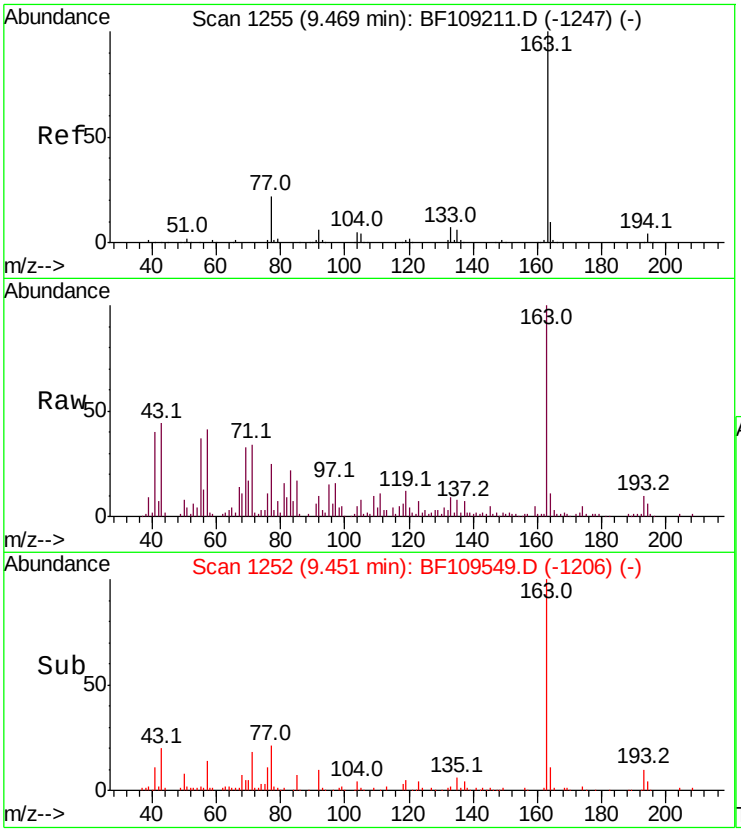


#44
2-Fluorobiphenyl
Concen: 34.410 ng
RT: 9.06 min Scan# 1185
Delta R.T. -0.02 min
Lab File: BF109549.D
Acq: 3 Oct 2018 16:33

Tgt Ion:172 Resp: 323272

Ion	Ratio	Lower	Upper
172	100		
171	34.8	29.7	44.5
170	23.7	19.6	29.4





#49
Dimethylphthalate
Concen: 8.105 ng
RT: 9.45 min Scan# 1252
Delta R.T. -0.03 min
Lab File: BF109549.D
Acq: 3 Oct 2018 16:33

Tgt Ion:163 Resp: 83525

Ion	Ratio	Lower	Upper
163	100		
194	6.0	2.7	4.1#
164	10.9	8.2	12.2

Instrument :
BNA_F
ClientSampleId :
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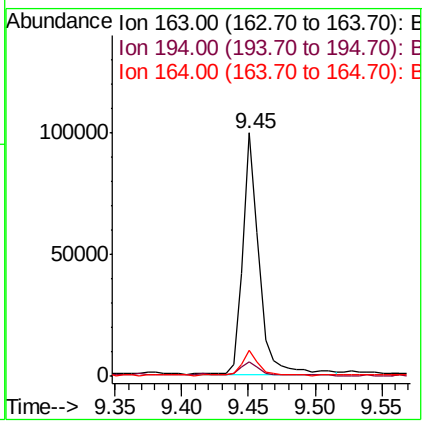
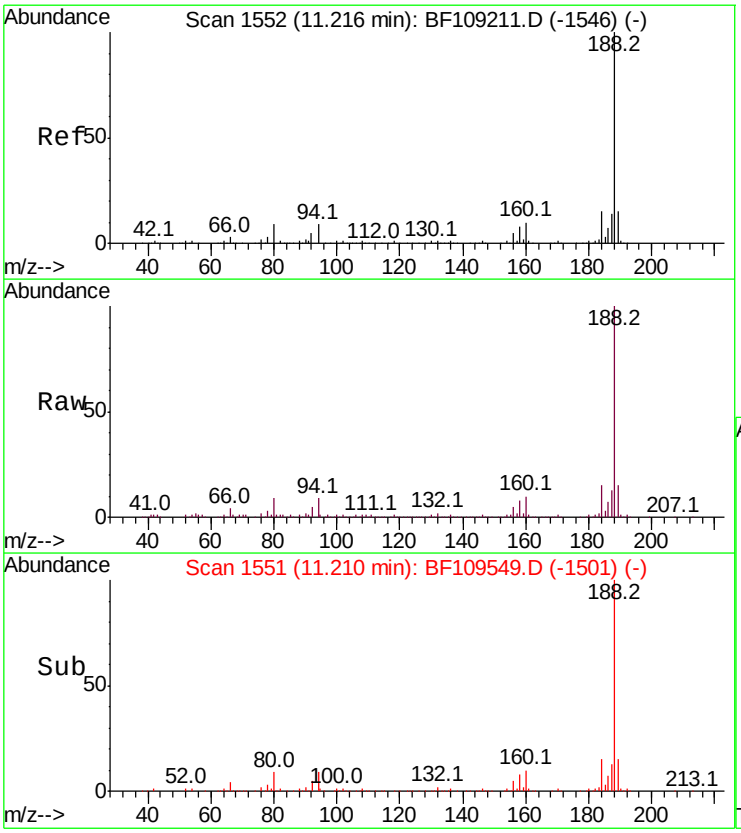
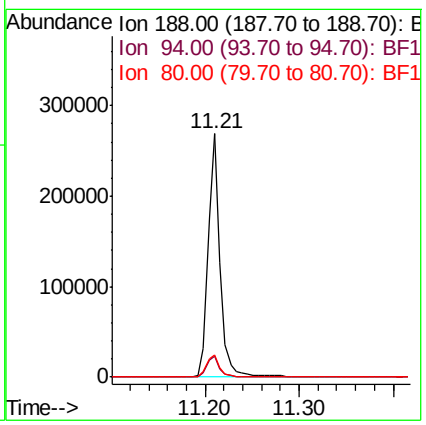


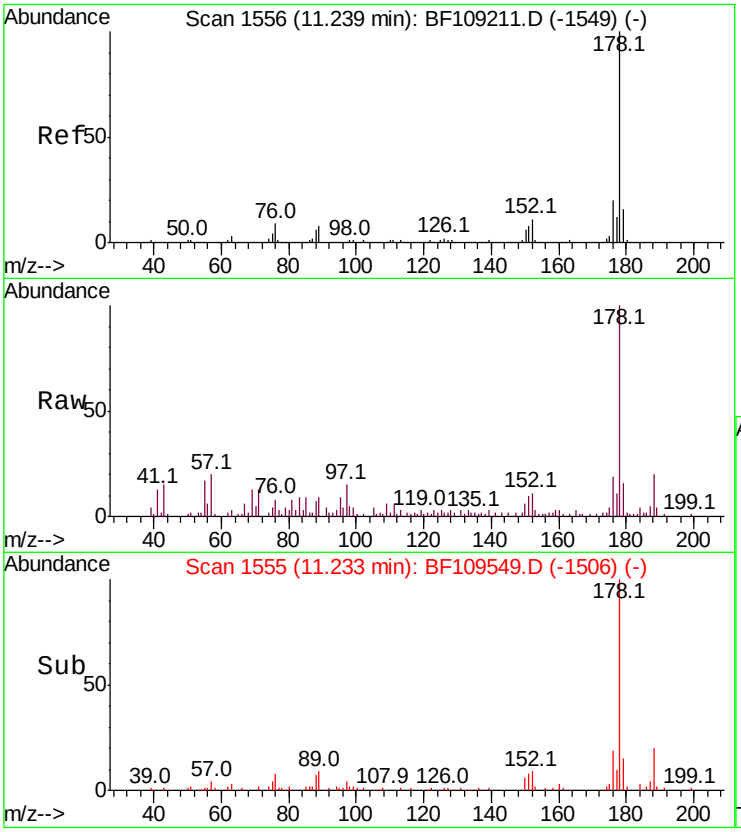


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.21 min Scan# 1551
Delta R.T. -0.01 min
Lab File: BF109549.D
Acq: 3 Oct 2018 16:33

Tgt Ion:188 Resp: 241380

Ion	Ratio	Lower	Upper
188	100		
94	8.8	8.5	12.7
80	9.1	9.2	13.8#

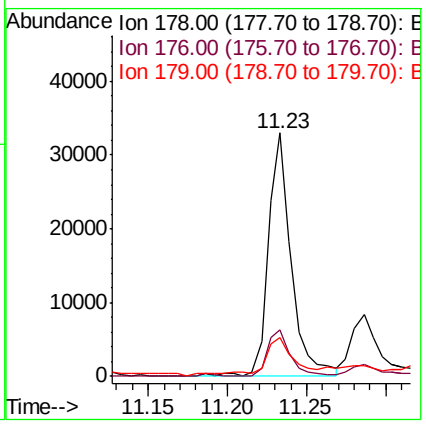




#70
Phenanthrene
Concen: 2.768 ng
RT: 11.23 min Scan# 1555
Delta R.T. -0.01 min
Lab File: BF109549.D
Acq: 3 Oct 2018 16:33

Tgt Ion:178 Resp: 33360

Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.8	23.8
179	16.2	13.0	19.6



Instrument :
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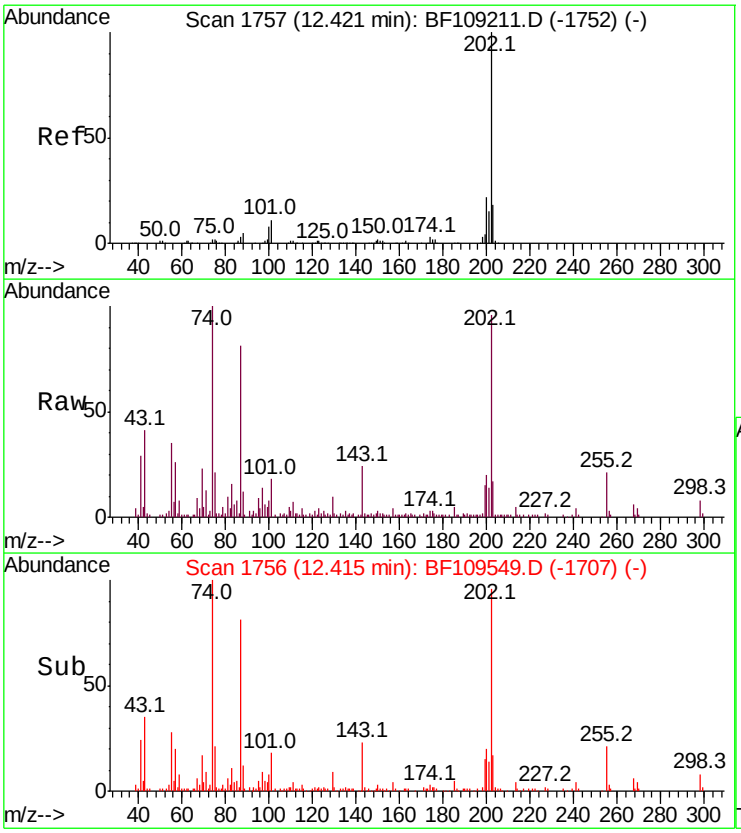
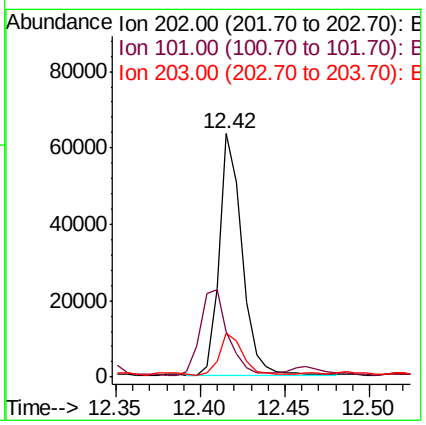
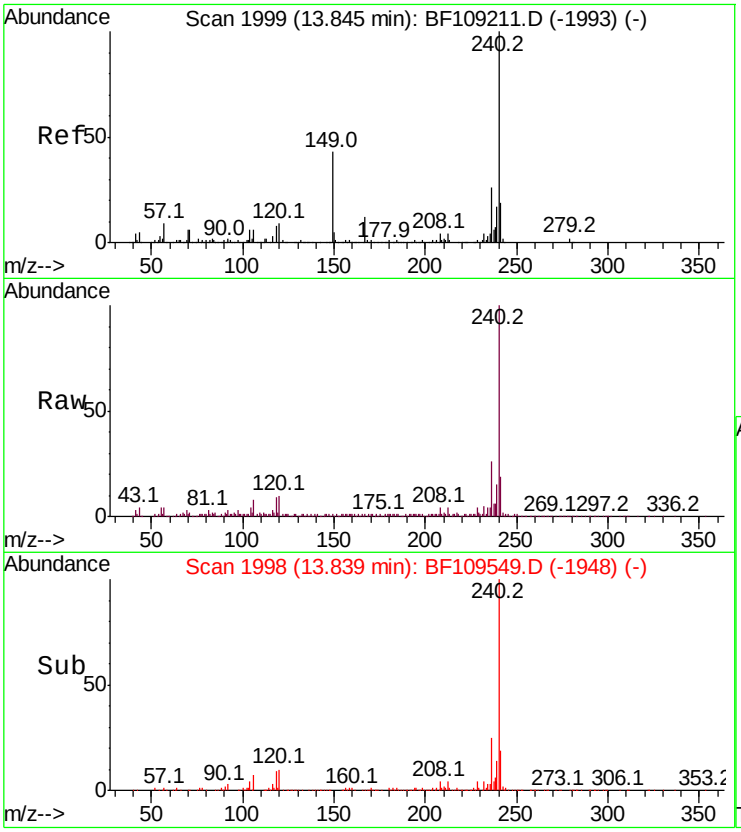


#74
Fluoranthene
Concen: 4.608 ng
RT: 12.42 min Scan# 1756
Delta R.T. -0.01 min
Lab File: BF109549.D
Acq: 3 Oct 2018 16:33

Tgt Ion:202 Resp: 59345

Ion	Ratio	Lower	Upper
202	100		
101	18.5	0.0	34.1
203	18.1	0.0	38.1

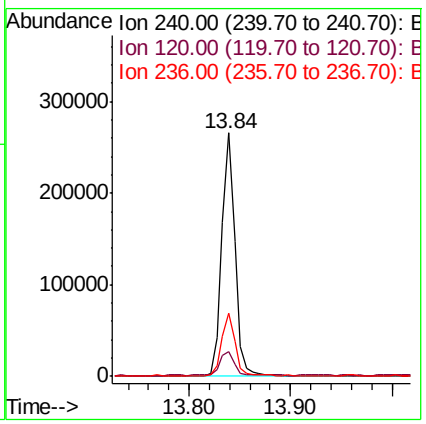




#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.84 min Scan# 1998
Delta R.T. -0.01 min
Lab File: BF109549.D
Acq: 3 Oct 2018 16:33

Tgt Ion:240 Resp: 238219

Ion	Ratio	Lower	Upper
240	100		
120	10.3	9.5	14.3
236	25.7	20.7	31.1



Instrument :
BNA_F
ClientSampleId :
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Manual Integrations APPROVED
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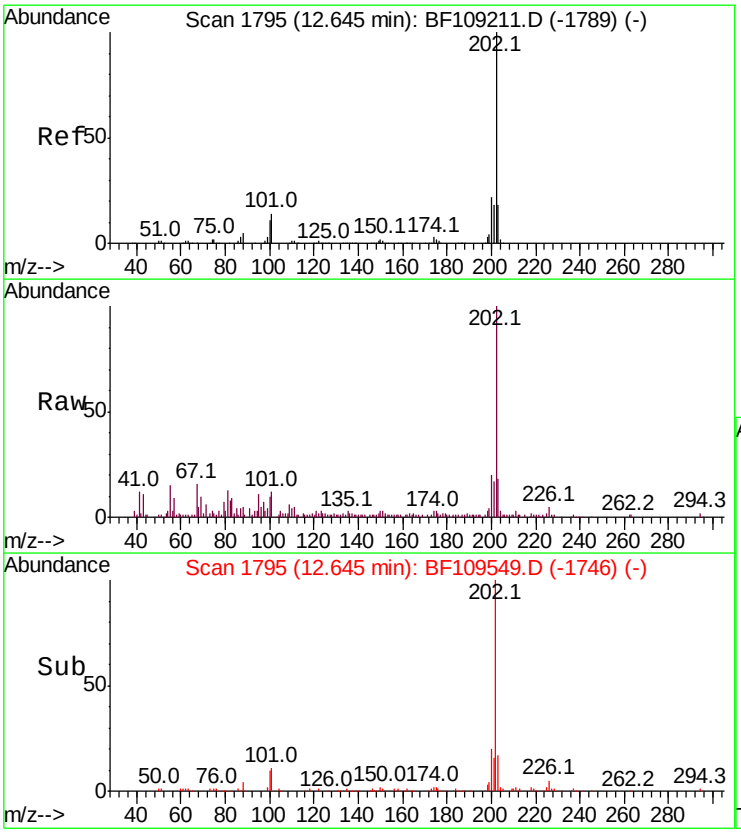
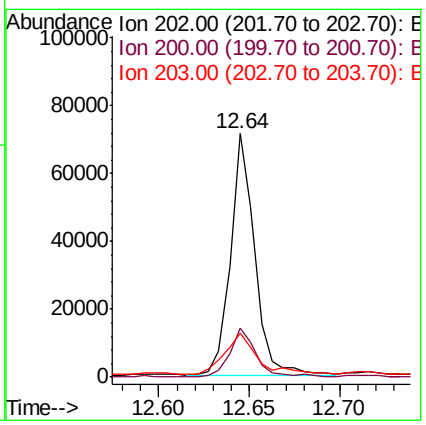
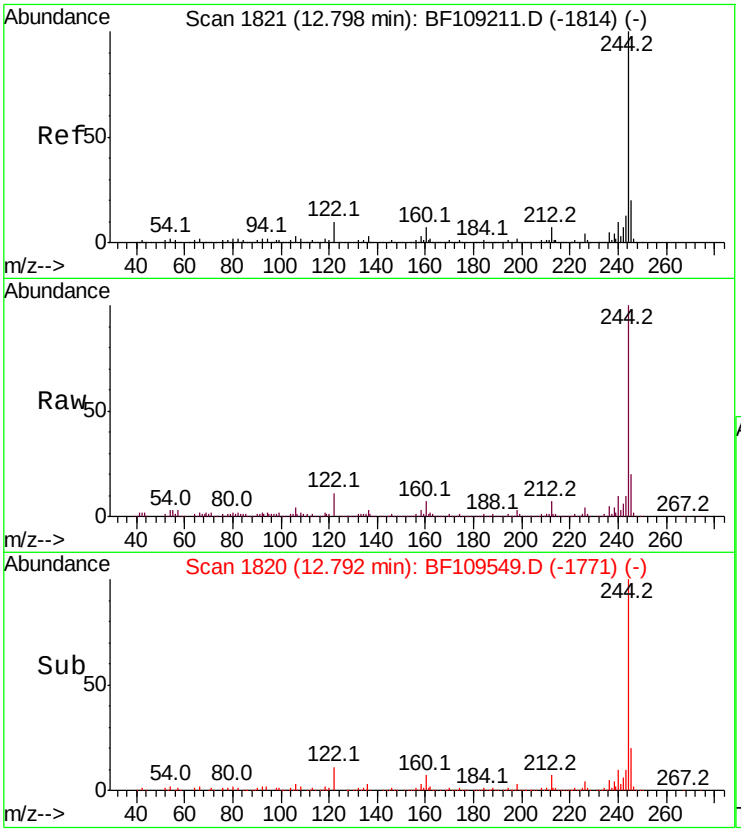


#77
Pyrene
Concen: 3.852 ng
RT: 12.64 min Scan# 1795
Delta R.T. -0.01 min
Lab File: BF109549.D
Acq: 3 Oct 2018 16:33

Tgt Ion:202 Resp: 65757

Ion	Ratio	Lower	Upper
202	100		
200	20.3	17.4	26.2
203	18.3	14.3	21.5

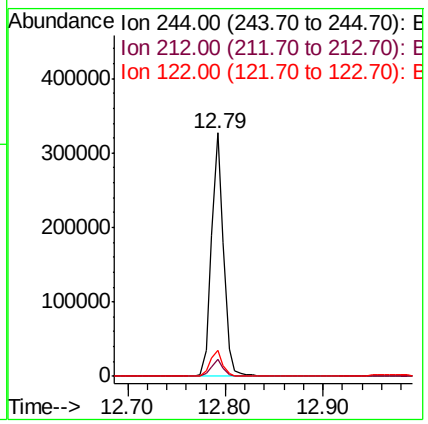




#78
Terphenyl-d14
Concen: 28.806 ng
RT: 12.79 min Scan# 1820
Delta R.T. -0.01 min
Lab File: BF109549.D
Acq: 3 Oct 2018 16:33

Tgt Ion:244 Resp: 279615

Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.4	8.0
122	10.9	11.0	16.4#



Instrument :
BNA_F
ClientSampleId :
HR-06-100218-A

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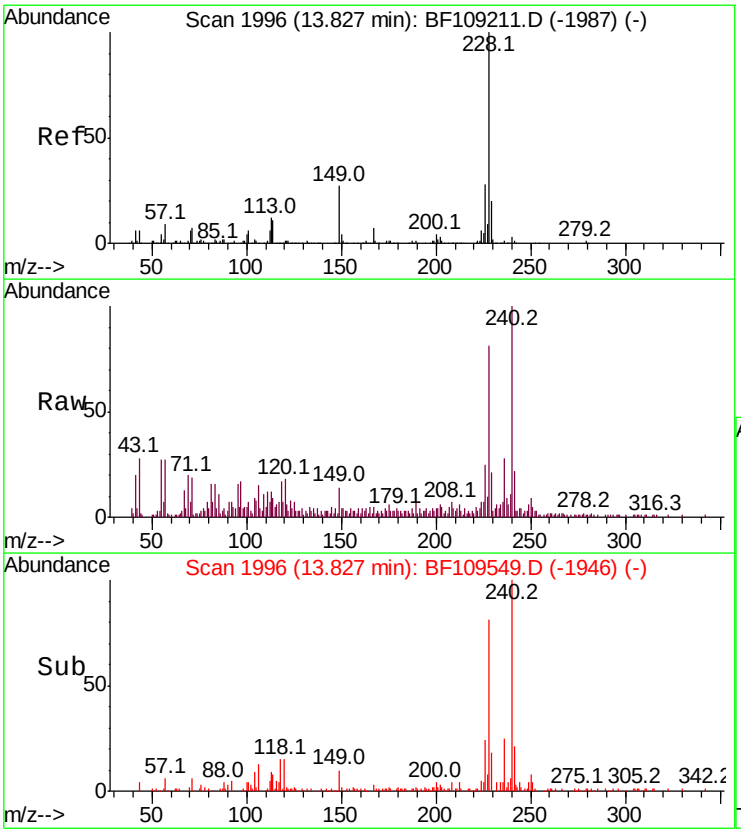
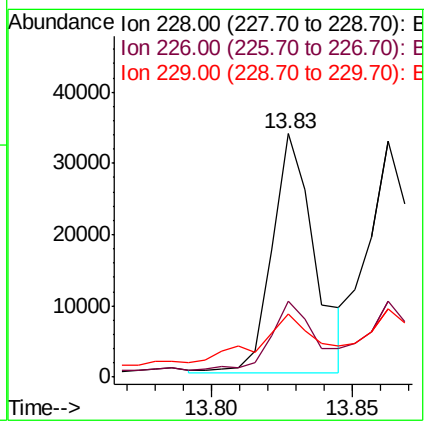
Sohil
10/4/2018 11:44:03 AM

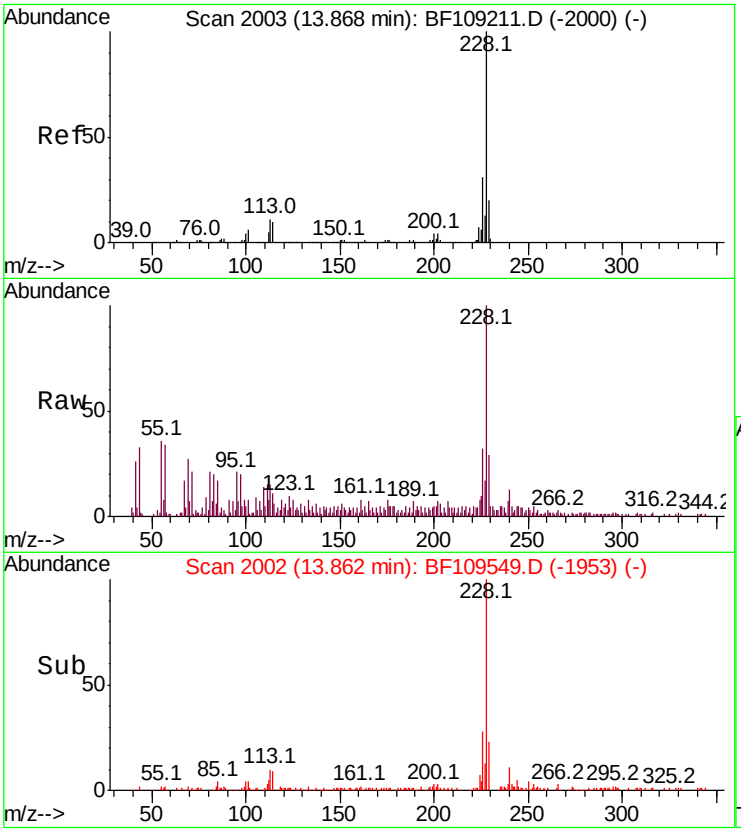


#80
Benzo(a)anthracene
Concen: 2.453 ng
RT: 13.83 min Scan# 1996
Delta R.T. -0.01 min
Lab File: BF109549.D
Acq: 3 Oct 2018 16:33

Tgt Ion:228 Resp: 35200

Ion	Ratio	Lower	Upper
228	100		
226	31.4	22.6	33.8
229	25.9	15.8	23.6#

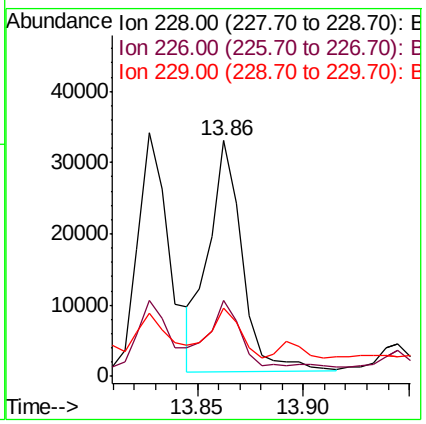




#82
Chrysene
Concen: 2.513 ng
RT: 13.86 min Scan# 2002
Delta R.T. -0.01 min
Lab File: BF109549.D
Acq: 3 Oct 2018 16:33

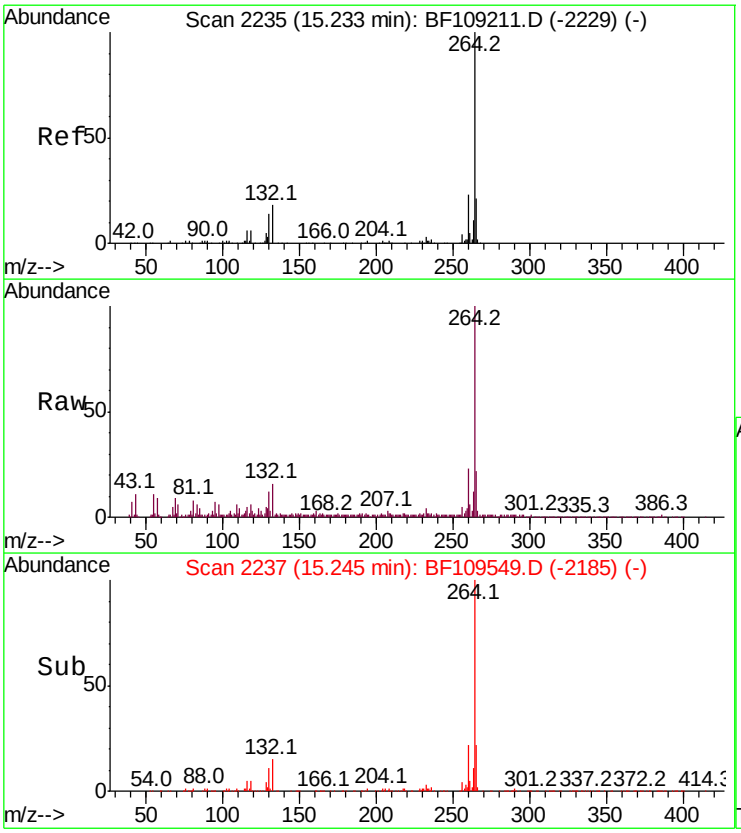
Tgt Ion:228 Resp: 35735

Ion	Ratio	Lower	Upper
228	100		
226	32.0	25.0	37.6
229	28.9	16.2	24.4#



Instrument :
BNA_F
ClientSampleId :
HR-06-100218-A

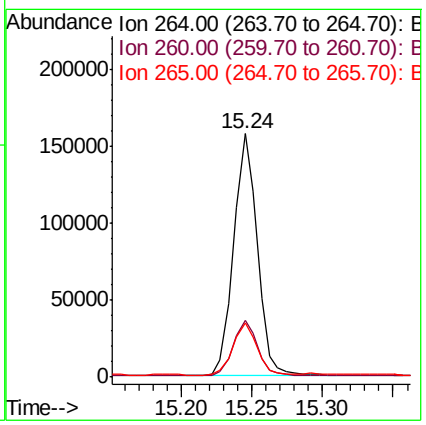
Manual Integrations APPROVED
Sohil
10/4/2018 11:44:03 AM

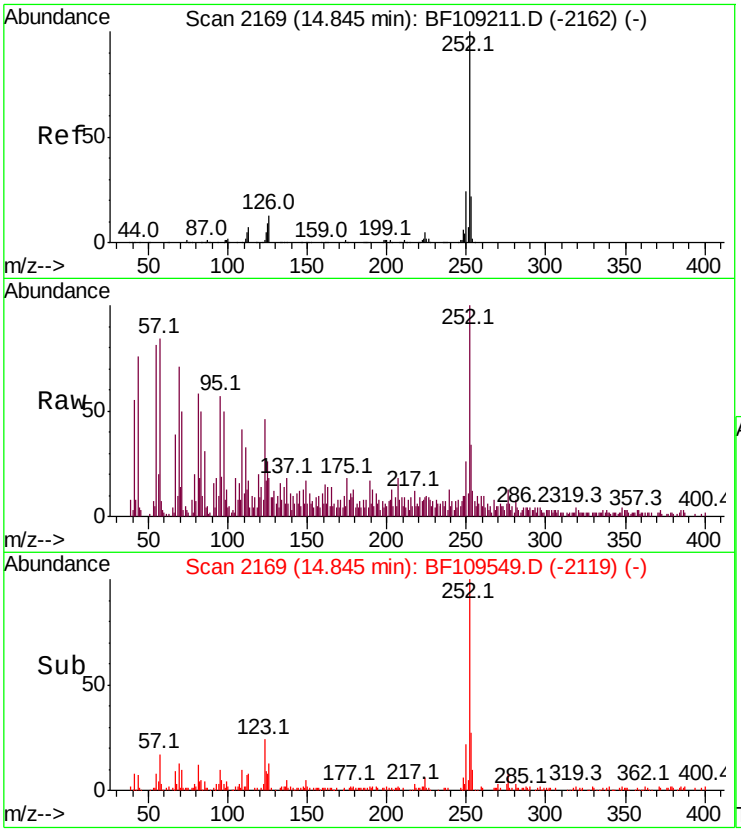


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.24 min Scan# 2237
Delta R.T. 0.01 min
Lab File: BF109549.D
Acq: 3 Oct 2018 16:33

Tgt Ion:264 Resp: 183863

Ion	Ratio	Lower	Upper
264	100		
260	23.1	19.2	28.8
265	22.4	17.5	26.3





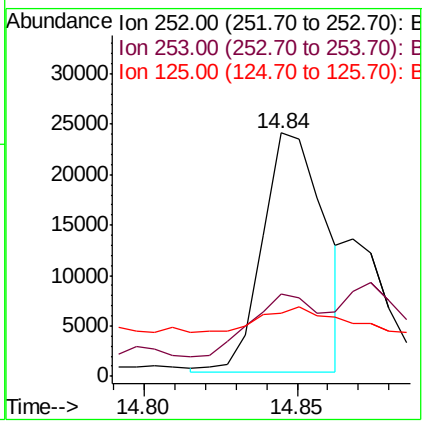
#87
Benzo(b)fluoranthene
Concen: 3.332 ng m
RT: 14.84 min Scan# 2169
Delta R.T. -0.01 min
Lab File: BF109549.D
Acq: 3 Oct 2018 16:33

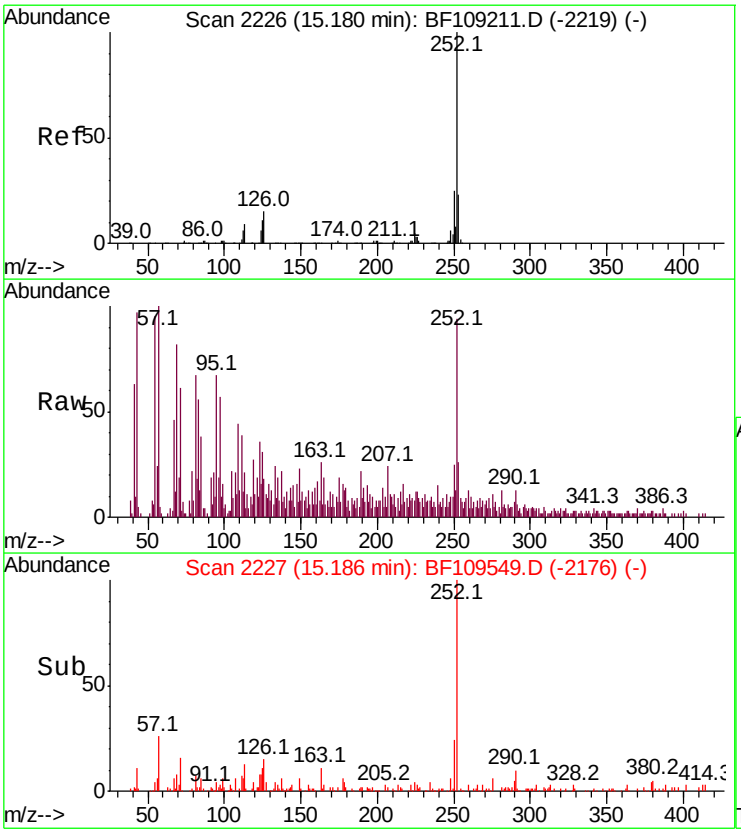
Tgt Ion:252 Resp: 33664

Ion	Ratio	Lower	Upper
252	100		
253	33.6	17.0	25.6#
125	25.7	9.0	13.6#

Instrument :
BNA_F
ClientSampleId :
HR-06-100218-A

Manual Integrations APPROVED
Sohil
10/4/2018 11:44:03 AM





#89
Benzo(a)pyrene
Concen: 2.331 ng
RT: 15.19 min Scan# 2227
Delta R.T. -0.00 min
Lab File: BF109549.D
Acq: 3 Oct 2018 16:33

Tgt Ion:252 Resp: 21224

Ion	Ratio	Lower	Upper
252	100		
253	28.3	17.1	25.7#
125	33.1	9.8	14.6#