Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111318\
Data File : BF110742.D
Acq On : 14 Nov 2018 1:51
Operator : JU/SJ
Sample : J5925-17 20X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-5-GW

Manual Integrations APPROVED
Sohil
11/14/2018 1:52:32 PM

Quant Time: Nov 14 07:08:58 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF110818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 13 12:43:10 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	71496	20.00	ng		0.00
21) Naphthalene-d8	8.23	136	261187	20.00	ng		0.00
39) Acenaphthene-d10	9.99	164	101096	20.00	ng		0.00
64) Phenanthrene-d10	11.48	188	168768	20.00	ng		0.00
76) Chrysene-d12	14.13	240	156631	20.00	ng		0.00
87) Perylene-d12	15.66	264	101239	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.57	112	8884	2.02	ng		0.01
7) Phenol-d6	6.58	99	7422	1.32	ng		0.00
23) Nitrobenzene-d5	7.51	82	13367	2.95	ng		0.00
42) 2,4,6-Tribromophenol	10.79	330	3752	3.68	ng		0.00
45) 2-Fluorobiphenyl	9.30	172	29613	4.18	ng		0.00
79) Terphenyl-d14	13.06	244	24257	2.90	ng		-0.01
Target Compounds							Qvalue
37) 2-Methylnaphthalene	8.95	142	477380	59.391	ng		99
38) 1-Methylnaphthalene	9.05	142	344511m	44.567	ng		
52) Acenaphthene	10.02	154	21565	3.487	ng	#	55
58) Fluorene	10.54	166	47779	6.876	ng	#	82
71) Phenanthrene	11.51	178	125833	13.917	ng		96

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

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Manual Integrations APPROVED
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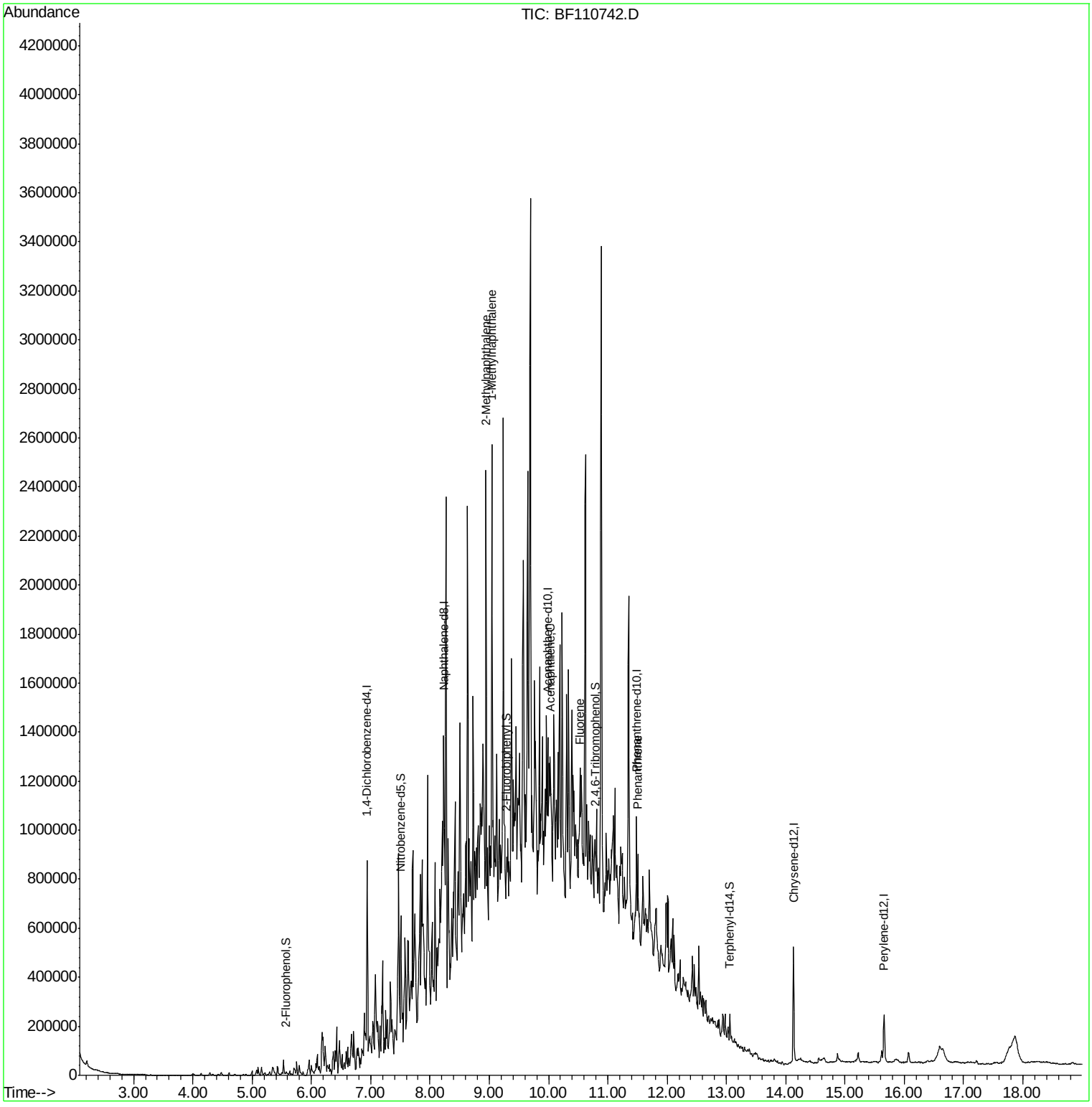
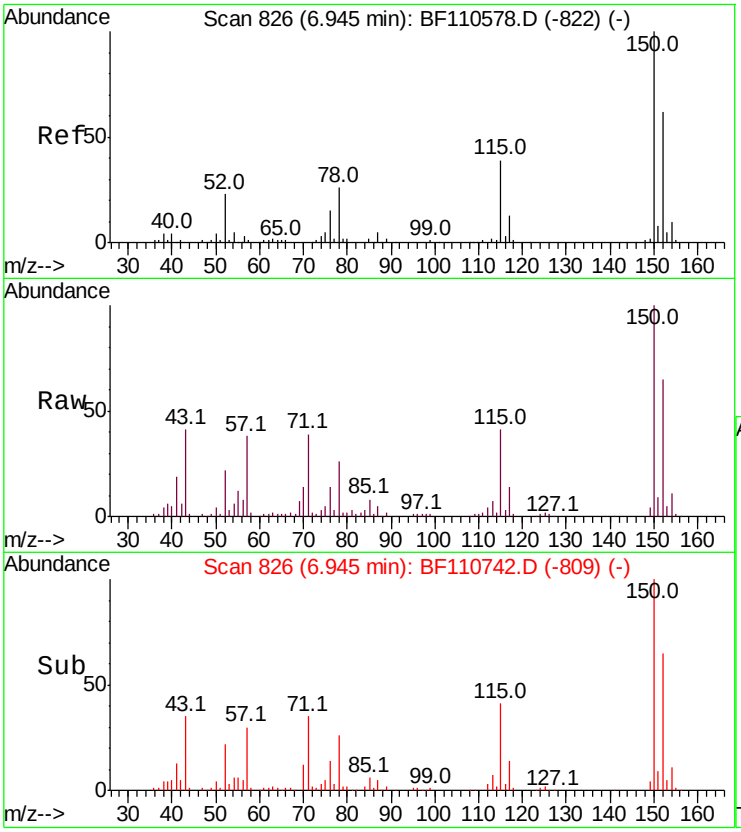
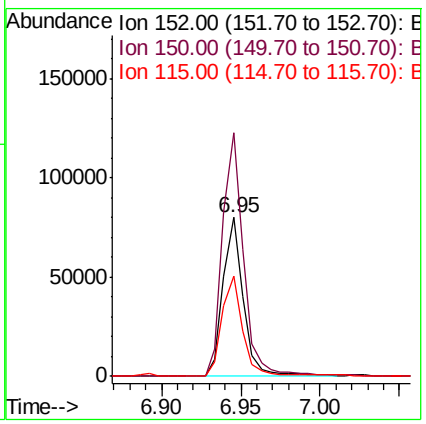




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.95 min Scan# 826
Delta R.T. 0.00 min
Lab File: BF110742.D
Acq: 14 Nov 2018 1:51

Tgt Ion:152 Resp: 71496

Ion	Ratio	Lower	Upper
152	100		
150	153.3	122.7	184.1
115	63.3	49.1	73.7



Instrument :
BNA_F
ClientSampleId :
TP-5-GW

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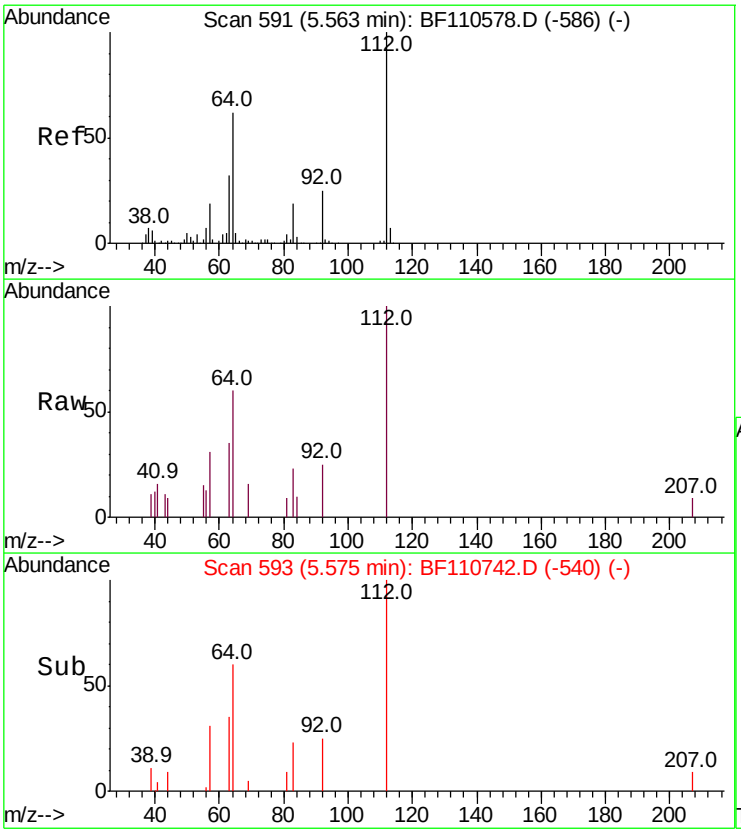
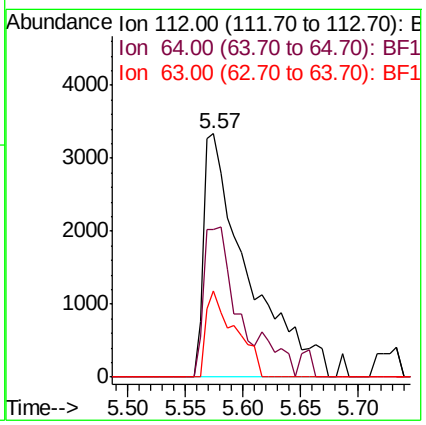
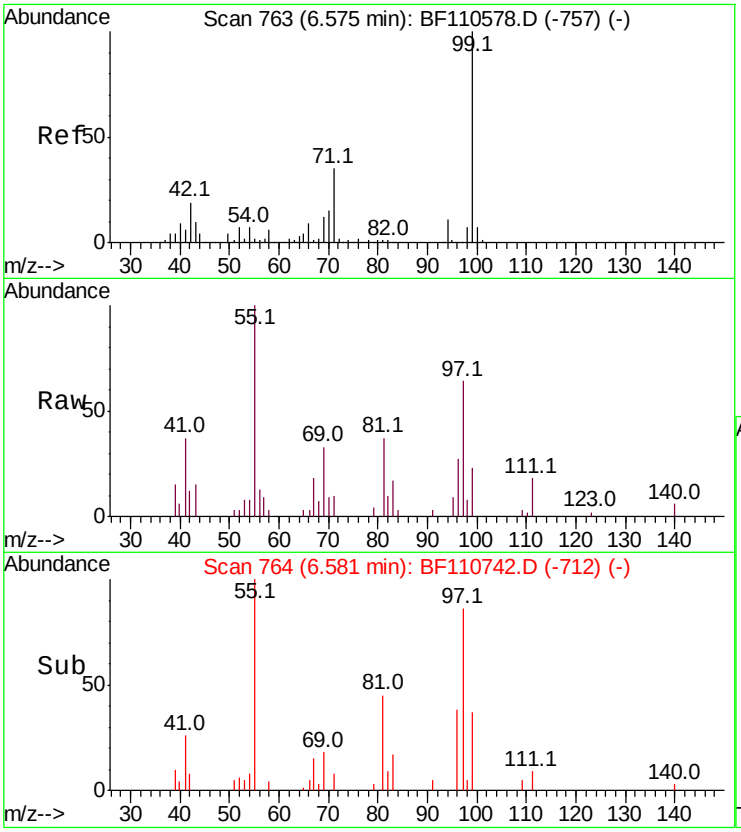


#5
2-Fluorophenol
Concen: 2.018 ng
RT: 5.57 min Scan# 593
Delta R.T. 0.01 min
Lab File: BF110742.D
Acq: 14 Nov 2018 1:51

Tgt Ion:112 Resp: 8884

Ion	Ratio	Lower	Upper
112	100		
64	60.4	44.1	66.1
63	35.2	23.7	35.5

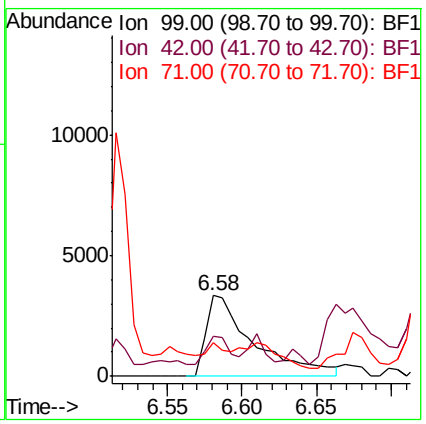




#7
Phenol-d6
Concen: 1.319 ng
RT: 6.58 min Scan# 764
Delta R.T. 0.01 min
Lab File: BF110742.D
Acq: 14 Nov 2018 1:51

Tgt Ion: 99 Resp: 7422

Ion	Ratio	Lower	Upper
99	100		
42	50.6	15.8	23.6#
71	41.2	28.0	42.0



Instrument :
BNA_F
ClientSampleId :
TP-5-GW

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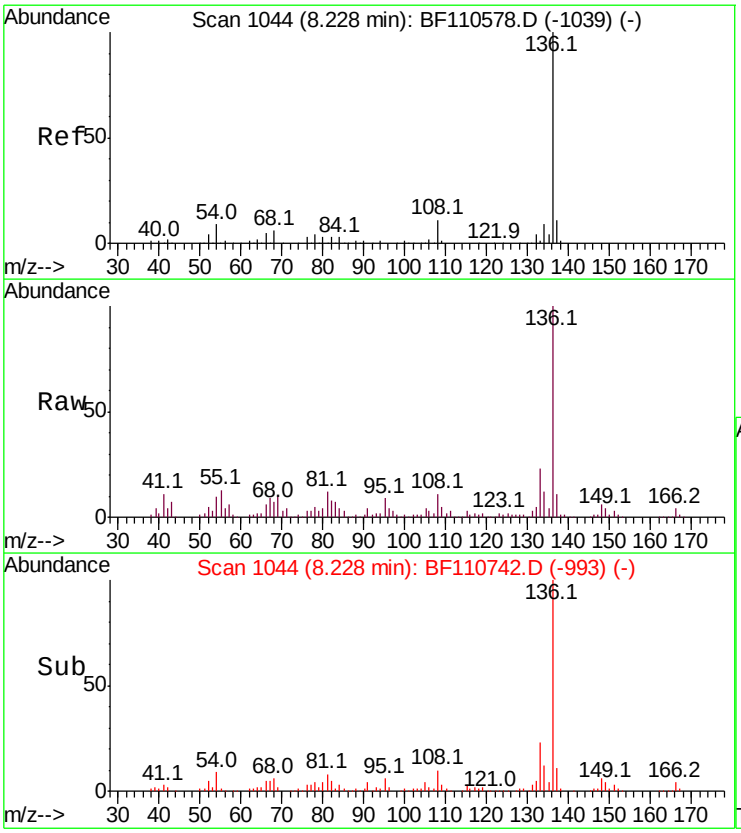
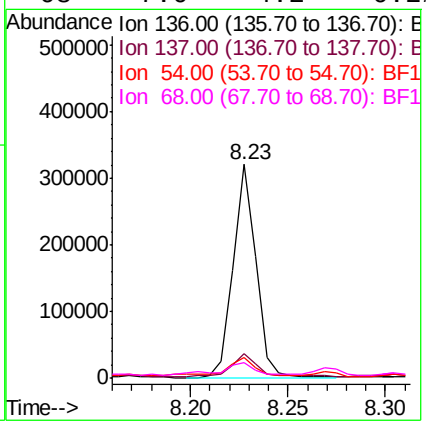
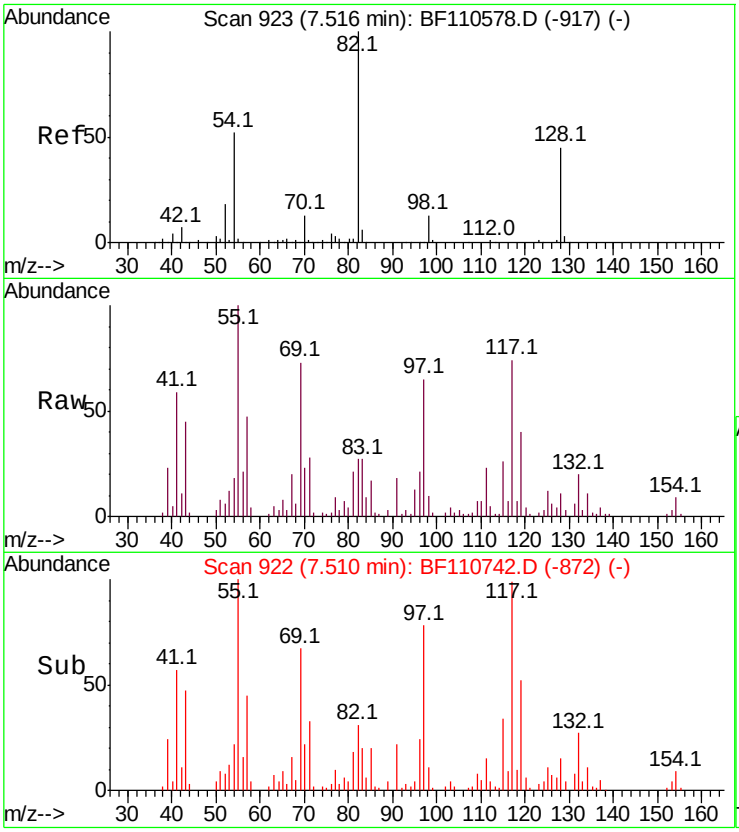


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.23 min Scan# 1044
Delta R.T. 0.00 min
Lab File: BF110742.D
Acq: 14 Nov 2018 1:51

Tgt Ion:136 Resp: 261187

Ion	Ratio	Lower	Upper
136	100		
137	11.5	8.8	13.2
54	9.7	5.4	8.2#
68	7.0	4.2	6.2#

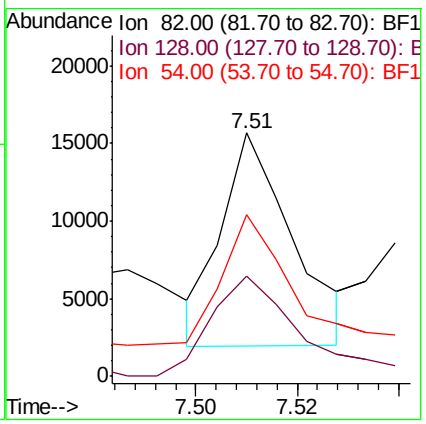




#23
Nitrobenzene-d5
Concen: 2.947 ng
RT: 7.51 min Scan# 922
Delta R.T. -0.01 min
Lab File: BF110742.D
Acq: 14 Nov 2018 1:51

Tgt Ion: 82 Resp: 13367

Ion	Ratio	Lower	Upper
82	100		
128	41.4	34.2	51.2
54	66.4	38.6	58.0#



Instrument :
BNA_F
ClientSampleId :
TP-5-GW

Manual Integrations APPROVED
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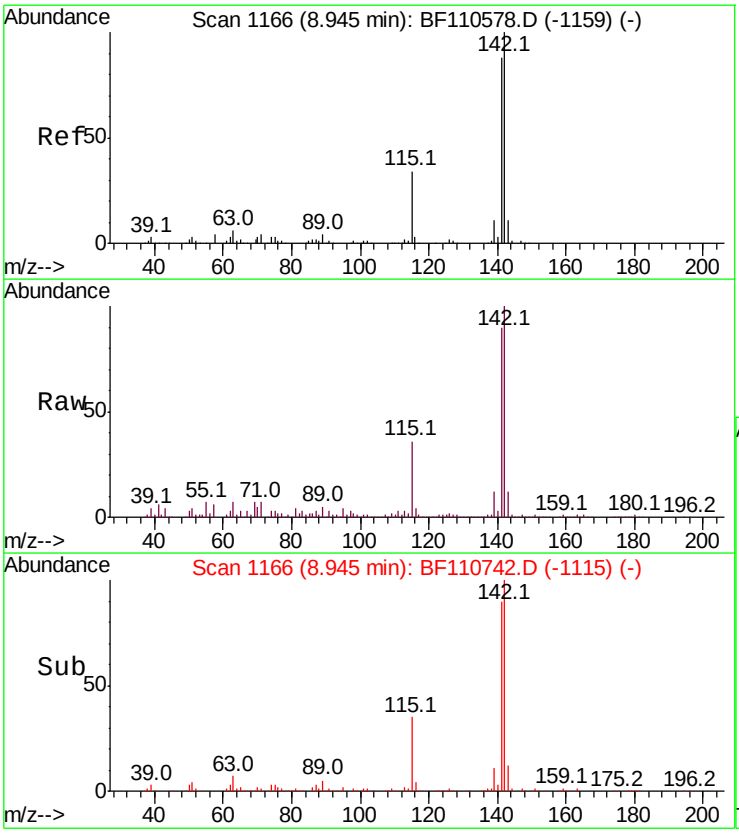
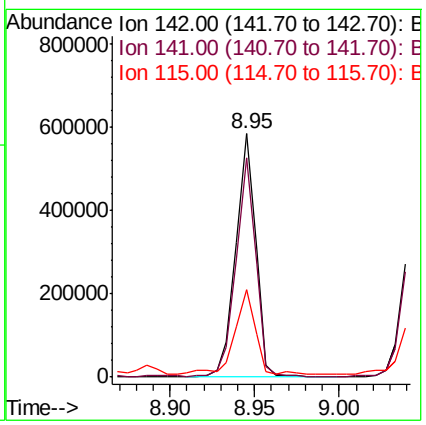
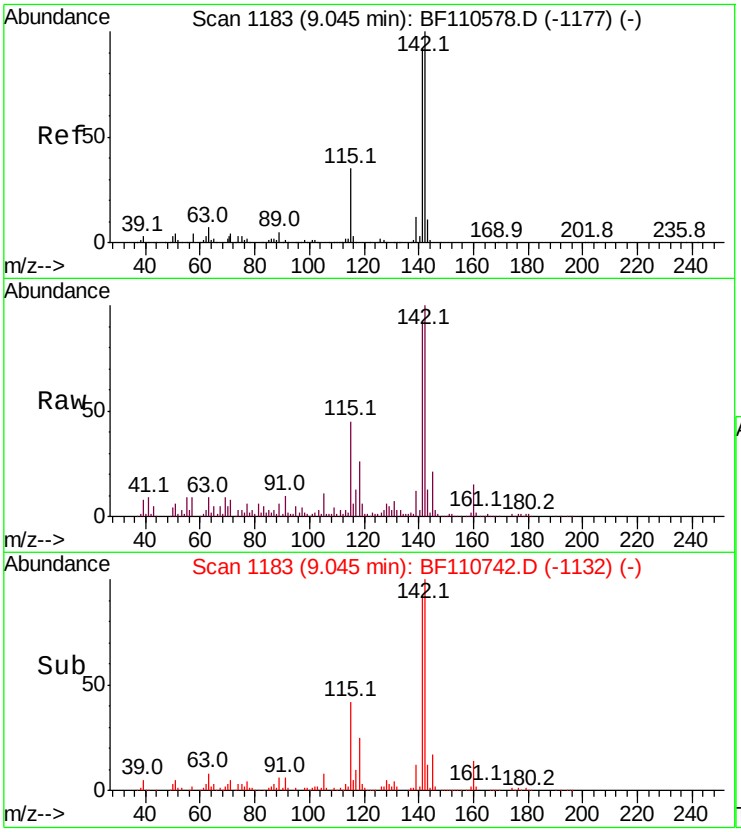


#37
2-Methylnaphthalene
Concen: 59.391 ng
RT: 8.95 min Scan# 1166
Delta R.T. 0.00 min
Lab File: BF110742.D
Acq: 14 Nov 2018 1:51

Tgt Ion:142 Resp: 477380

Ion	Ratio	Lower	Upper
142	100		
141	89.9	71.4	107.2
115	36.0	28.7	43.1

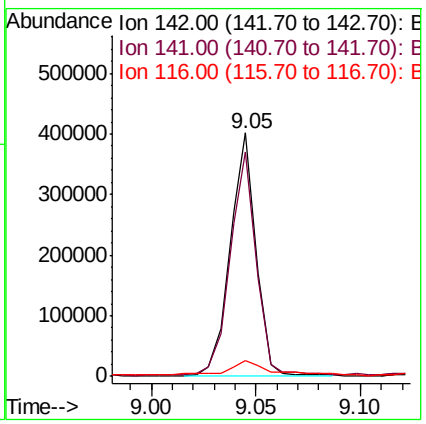




#38
1-Methylnaphthalene
Concen: 44.567 ng m
RT: 9.05 min Scan# 1183
Delta R.T. 0.00 min
Lab File: BF110742.D
Acq: 14 Nov 2018 1:51

Tgt Ion:142 Resp: 344511

Ion	Ratio	Lower	Upper
142	100		
141	92.4	74.2	111.4
116	6.3	2.6	4.0#



Instrument :
BNA_F
ClientSampleId :
TP-5-GW

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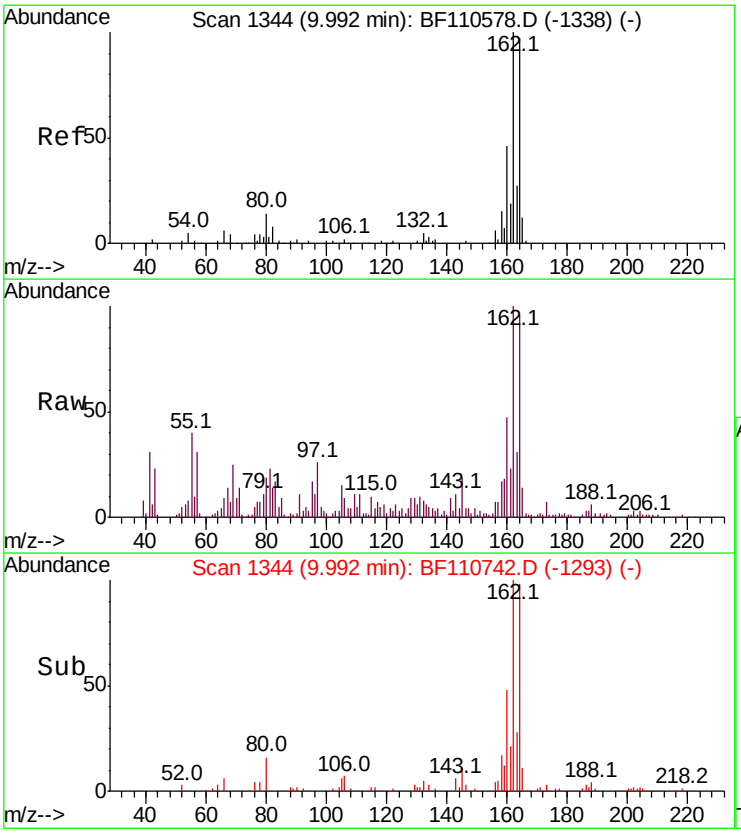
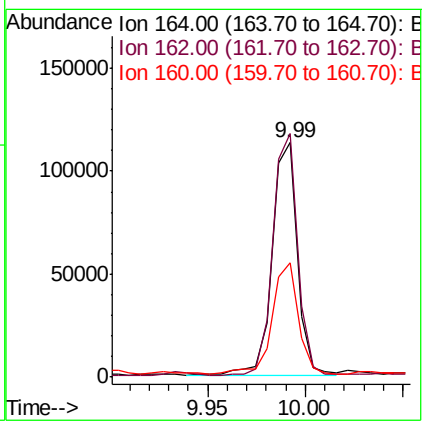
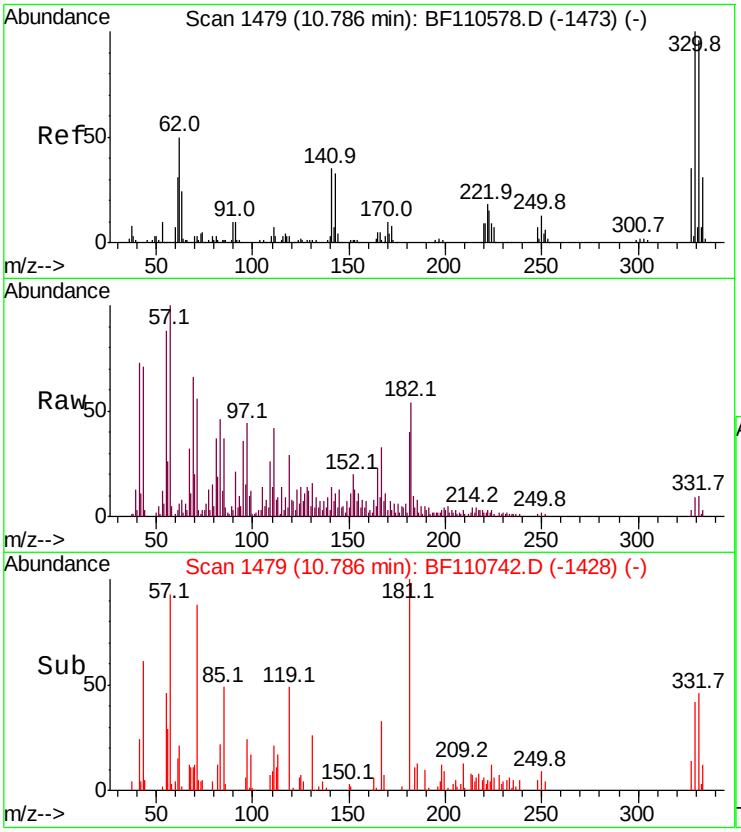


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.99 min Scan# 1344
Delta R.T. 0.00 min
Lab File: BF110742.D
Acq: 14 Nov 2018 1:51

Tgt Ion:164 Resp: 101096

Ion	Ratio	Lower	Upper
164	100		
162	103.8	83.0	124.6
160	49.0	37.0	55.6





#42
2,4,6-Tribromophenol
Concen: 3.683 ng
RT: 10.79 min Scan# 1479
Delta R.T. 0.00 min
Lab File: BF110742.D
Acq: 14 Nov 2018 1:51

Tgt Ion:330 Resp: 3752

Ion	Ratio	Lower	Upper
330	100		
332	101.5	77.1	115.7
141	42.5	27.0	40.4#

Instrument :
BNA_F
ClientSampleId :
TP-5-GW

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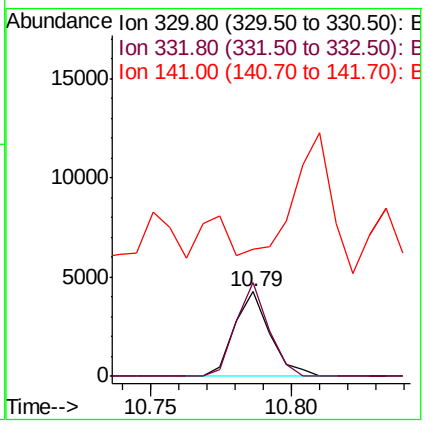
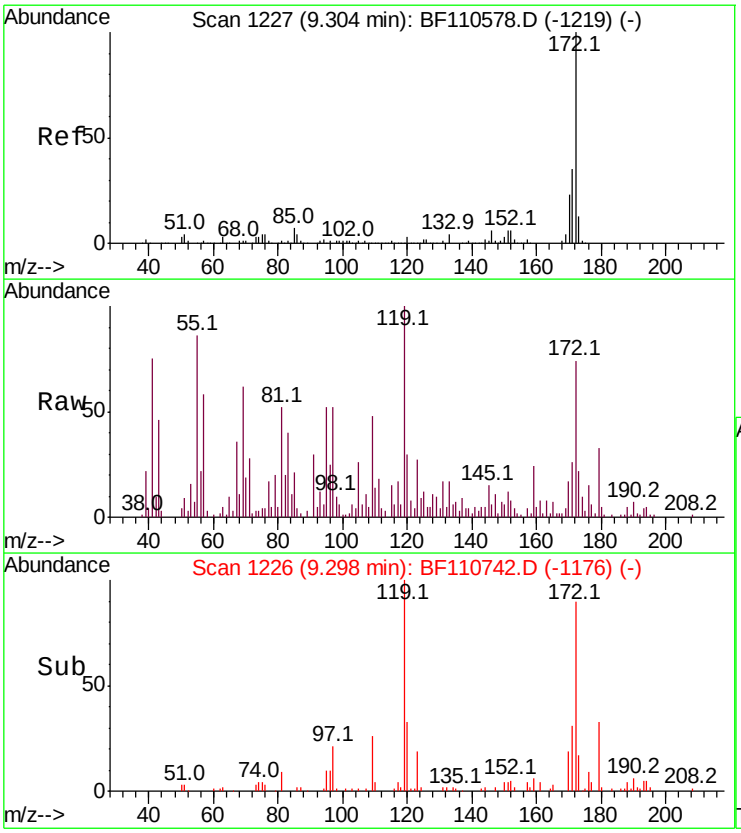
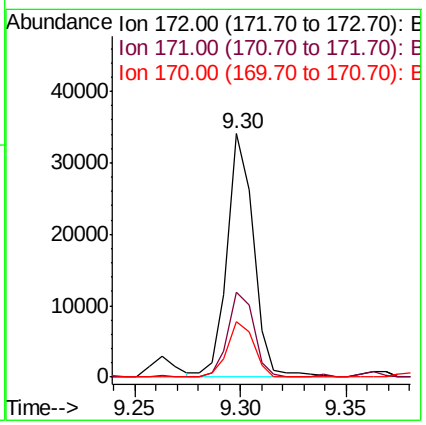


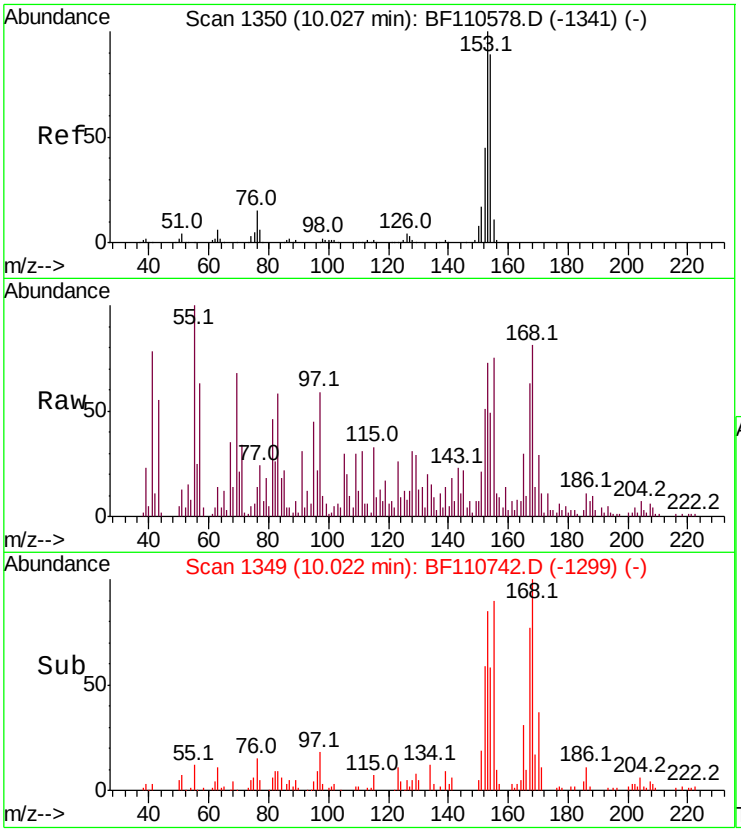


#45
2-Fluorobiphenyl
Concen: 4.183 ng
RT: 9.30 min Scan# 1226
Delta R.T. -0.01 min
Lab File: BF110742.D
Acq: 14 Nov 2018 1:51

Tgt Ion:172 Resp: 29613

Ion	Ratio	Lower	Upper
172	100		
171	34.6	28.6	43.0
170	22.8	19.7	29.5





#52
Acenaphthene
Concen: 3.487 ng
RT: 10.02 min Scan# 1349
Delta R.T. -0.01 min
Lab File: BF110742.D
Acq: 14 Nov 2018 1:51

Tgt Ion:154 Resp: 21565

Ion	Ratio	Lower	Upper
154	100		
153	148.0	90.1	135.1#
152	104.0	43.4	65.2#

Instrument :
BNA_F
ClientSampleId :
TP-5-GW

Manual Integrations APPROVED
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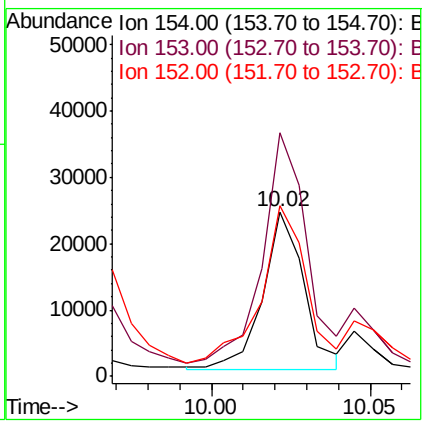
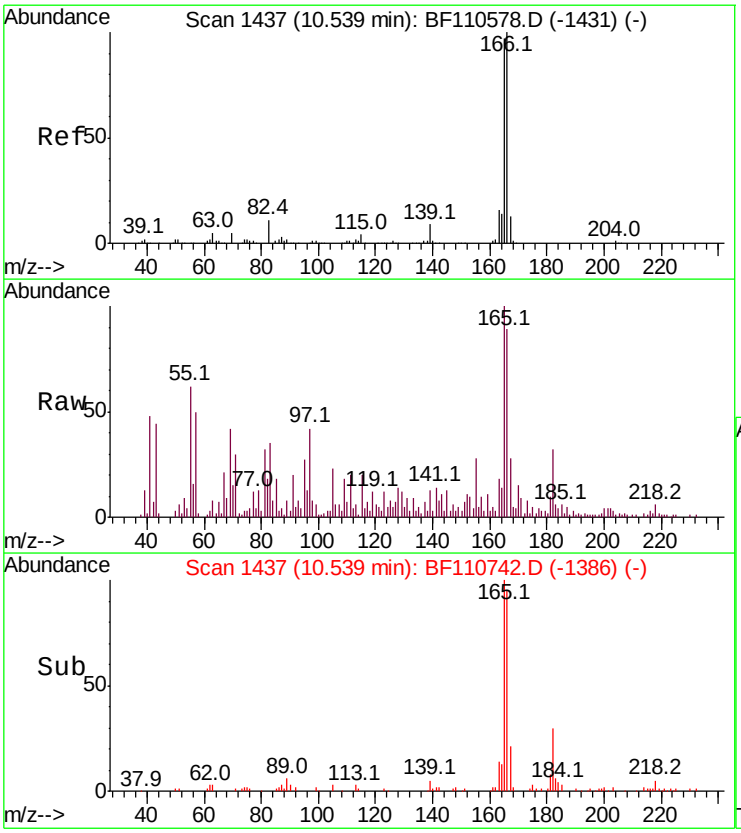
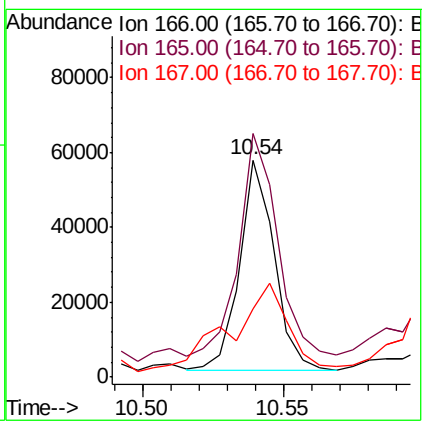


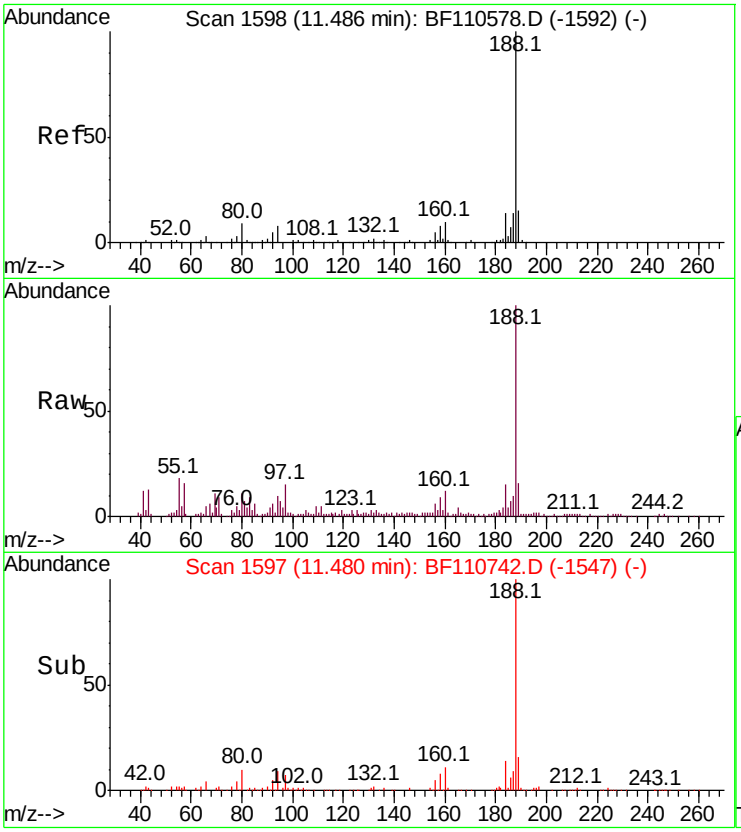


#58
Fluorene
Concen: 6.876 ng
RT: 10.54 min Scan# 1437
Delta R.T. 0.00 min
Lab File: BF110742.D
Acq: 14 Nov 2018 1:51

Tgt Ion:166 Resp: 47779

Ion	Ratio	Lower	Upper
166	100		
165	112.2	78.6	117.8
167	31.4	10.8	16.2#

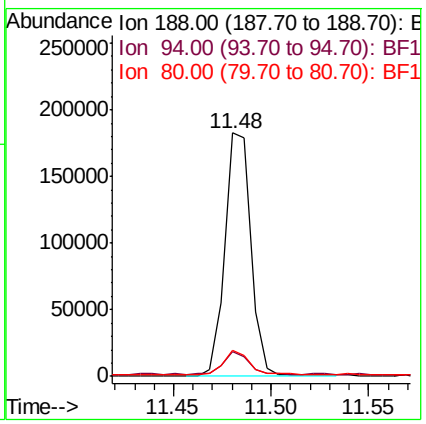




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.48 min Scan# 1597
Delta R.T. -0.01 min
Lab File: BF110742.D
Acq: 14 Nov 2018 1:51

Tgt Ion:188 Resp: 168768

Ion	Ratio	Lower	Upper
188	100		
94	10.3	7.2	10.8
80	10.9	7.9	11.9



Instrument :
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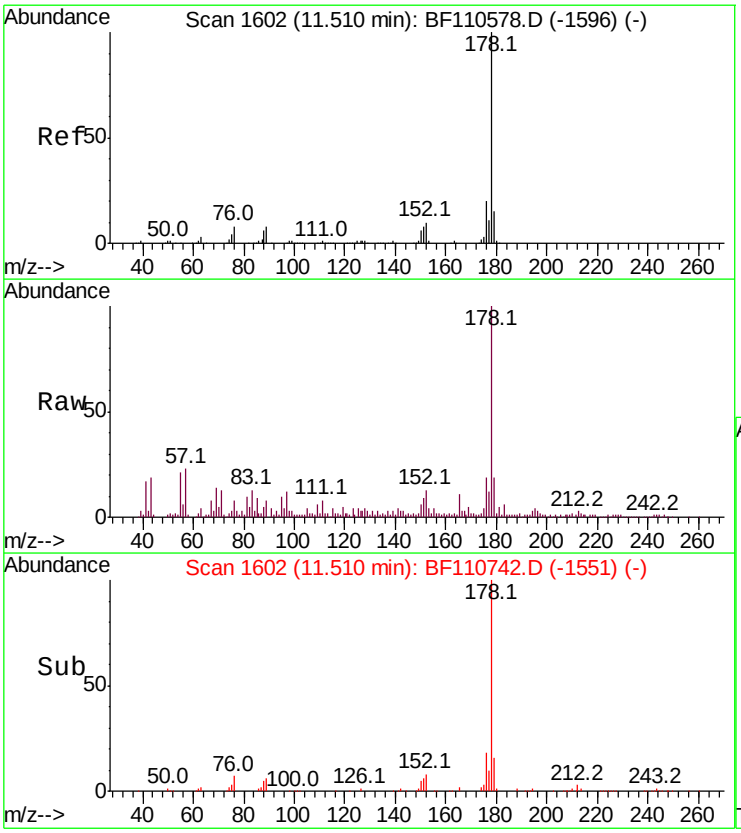
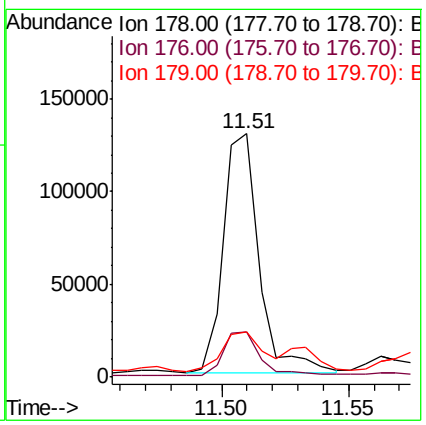
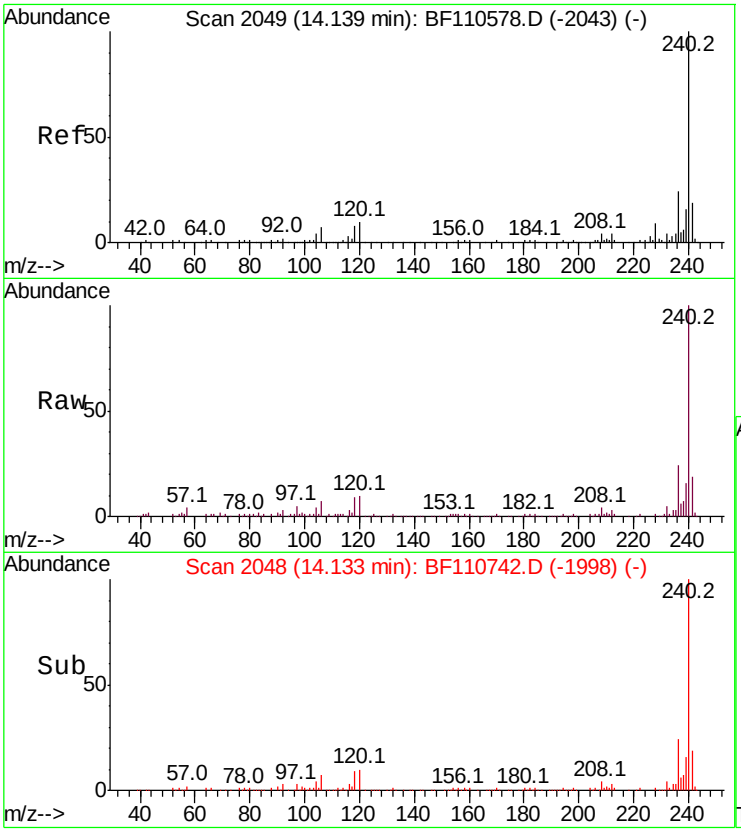


#71
Phenanthrene
Concen: 13.917 ng
RT: 11.51 min Scan# 1602
Delta R.T. 0.00 min
Lab File: BF110742.D
Acq: 14 Nov 2018 1:51

Tgt Ion:178 Resp: 125833

Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.5	23.3
179	18.5	12.5	18.7

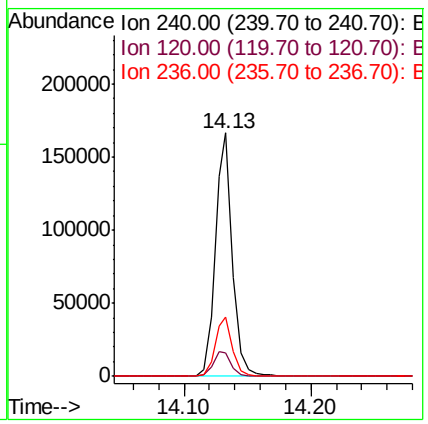




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.13 min Scan# 2048
Delta R.T. -0.01 min
Lab File: BF110742.D
Acq: 14 Nov 2018 1:51

Tgt Ion:240 Resp: 156631

Ion	Ratio	Lower	Upper
240	100		
120	9.9	8.3	12.5
236	24.1	21.2	31.8



Instrument :
BNA_F
ClientSampleId :
TP-5-GW

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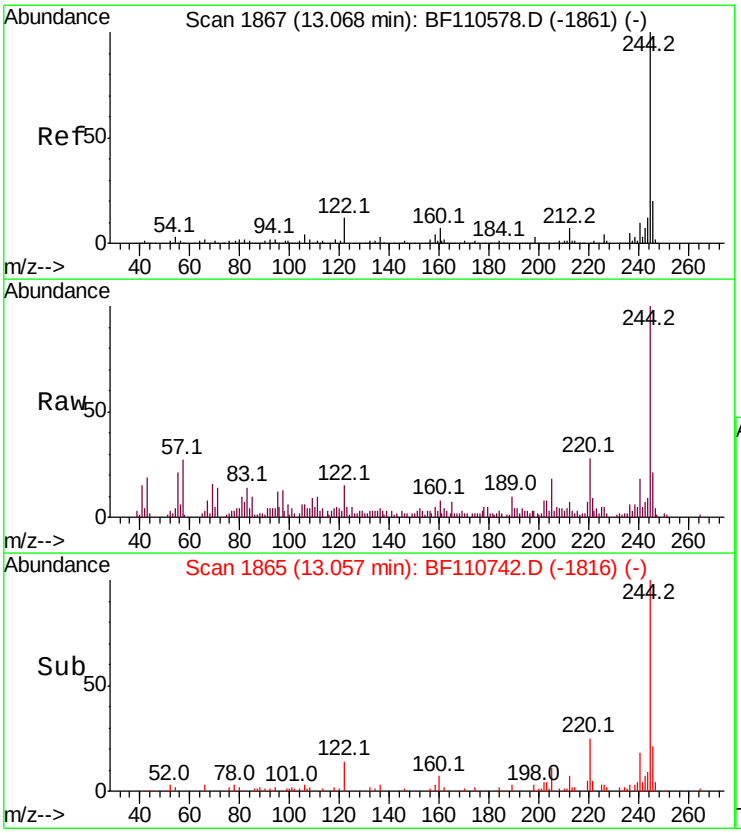
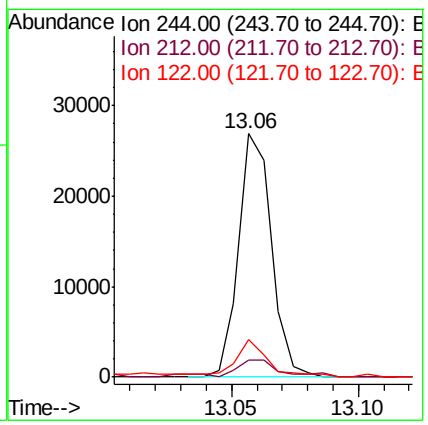
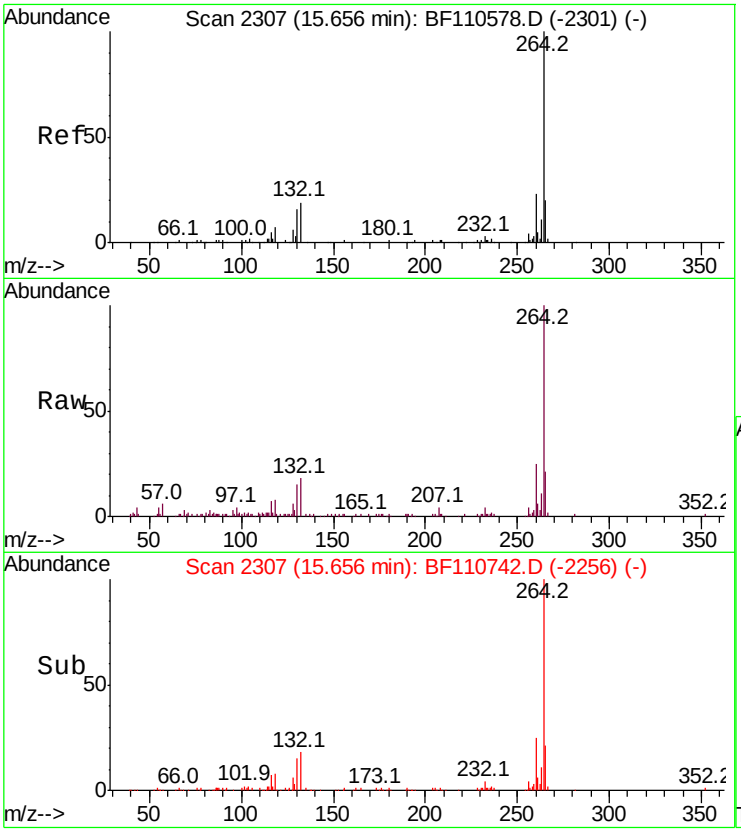


#79
Terphenyl-d14
Concen: 2.900 ng
RT: 13.06 min Scan# 1865
Delta R.T. -0.01 min
Lab File: BF110742.D
Acq: 14 Nov 2018 1:51

Tgt Ion:244 Resp: 24257

Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.8	8.8
122	15.2	8.7	13.1#

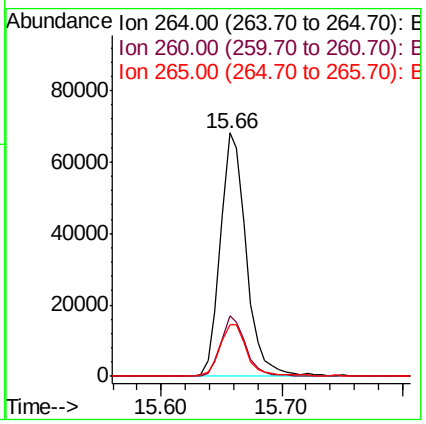




#87
Perylene-d12
Concen: 20.000 ng
RT: 15.66 min Scan# 2307
Delta R.T. 0.00 min
Lab File: BF110742.D
Acq: 14 Nov 2018 1:51

Tgt Ion:264 Resp: 101239

Ion	Ratio	Lower	Upper
264	100		
260	25.1	18.7	28.1
265	21.3	16.7	25.1



Instrument :
BNA_F
ClientSampleId :
TP-5-GW

Manual Integrations APPROVED
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