Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122217\
Data File : BF101694.D
Acq On : 23 Dec 2017 10:50
Operator : SJ/JU
Sample : I6841-03
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-01-01

Manual Integrations APPROVED
Sohil
12/26/2017 1:37:58 PM

Quant Time: Dec 25 02:45:25 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 22 16:07:58 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	148509	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	559794	20.00	ng	0.00
38) Acenaphthene-d10	9.82	164	254782	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	454801	20.00	ng	0.00
75) Chrysene-d12	13.96	240	306239	20.00	ng	0.00
86) Perylene-d12	15.43	264	272061	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	1252265	125.61	ng	0.02
7) Phenol-d6	6.44	99	1423229	114.70	ng	0.00
23) Nitrobenzene-d5	7.36	82	983605	97.81	ng	0.00
41) 2,4,6-Tribromophenol	10.62	330	346414	141.10	ng	0.00
44) 2-Fluorobiphenyl	9.15	172	1598952	97.35	ng	0.00
78) Terphenyl-d14	12.90	244	1392650	109.63	ng	0.00
Target Compounds						Qvalue
10) Phenol	6.45	94	415604	29.388	ng	99
17) 2-Methylphenol	7.05	107	126943	13.159	ng	98
20) 3+4-Methylphenols	7.21	107	367037	35.903	ng	88
27) 2,4-Dimethylphenol	7.73	122	104571	12.873	ng	97
31) Naphthalene	8.10	128	3965600	140.713	ng	98
37) 2-Methylnaphthalene	8.78	142	313002	17.047	ng	99
45) 1,1'-Biphenyl	9.25	154	70588	3.124	ng	97
48) Acenaphthylene	9.69	152	82753	3.030	ng	97
51) Acenaphthene	9.86	154	89450	5.452	ng	99
54) Dibenzofuran	10.03	168	155335	7.450	ng	98
57) Fluorene	10.37	166	164272	9.314	ng	97
70) Phenanthrene	11.34	178	235368	9.306	ng	99
72) Carbazole	11.55	167	526416	21.763	ng	99

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

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122217\
Data File : BF101694.D
Acq On : 23 Dec 2017 10:50
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Misc :
ALS Vial : 44 Sample Multiplier: 1

Quant Time: Dec 25 02:45:25 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 22 16:07:58 2017
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
WC-01-01

Manual Integrations APPROVED
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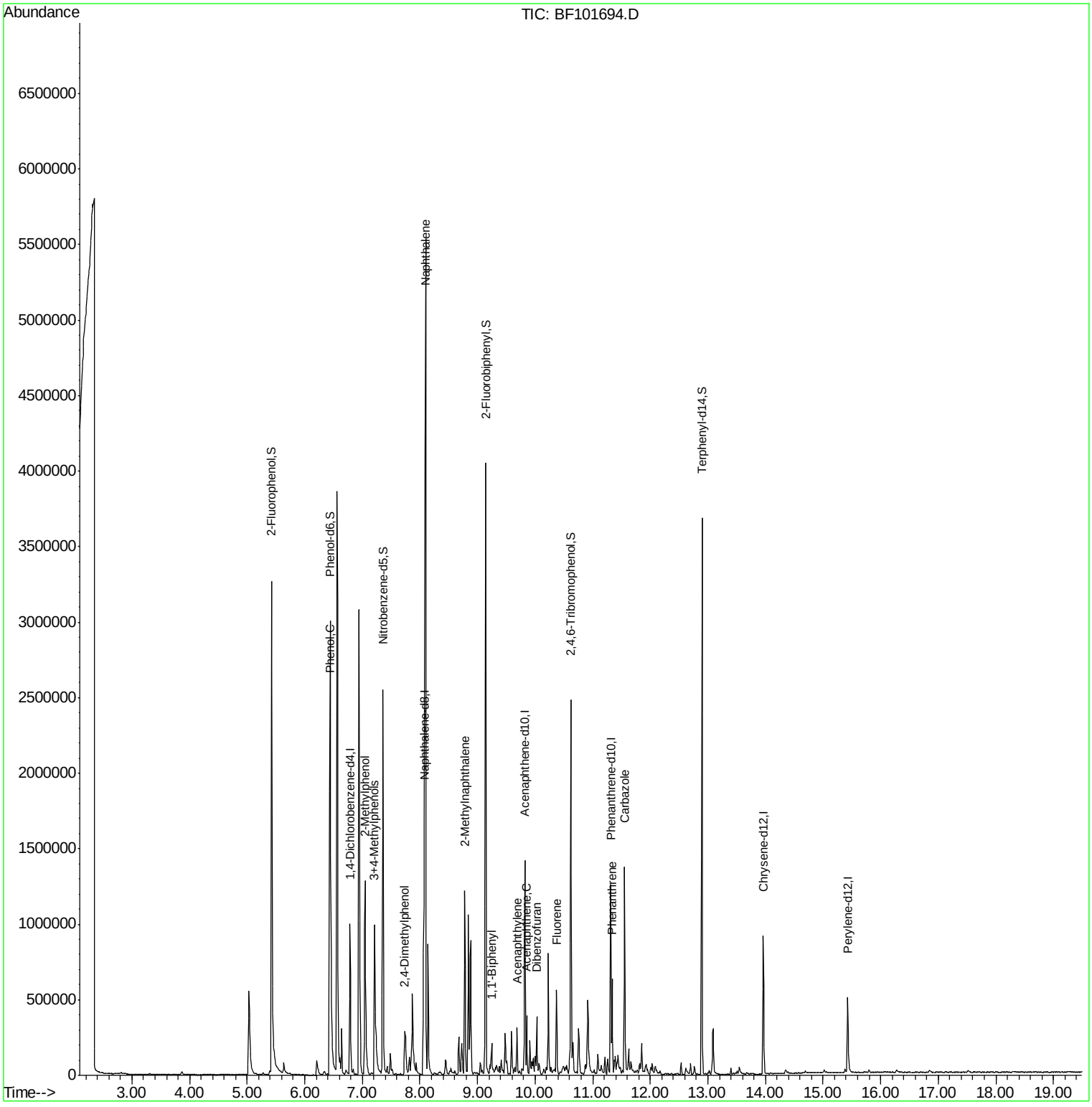
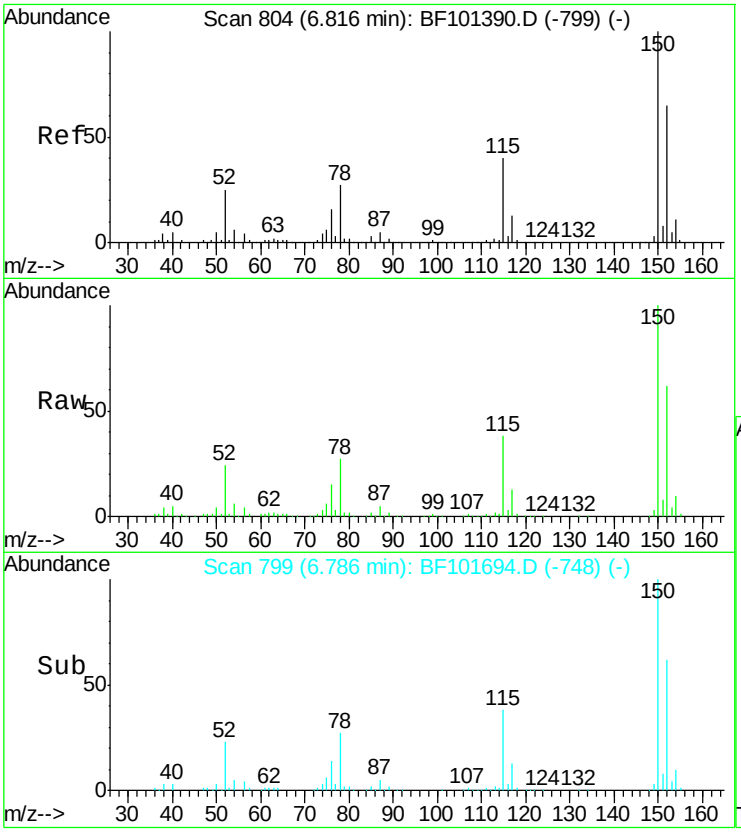
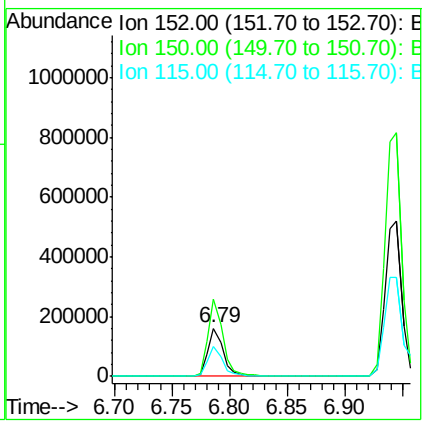




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 799
Delta R.T. -0.00 min
Lab File: BF101694.D
Acq: 23 Dec 2017 10:50

Tgt Ion:152 Resp: 148509

Ion	Ratio	Lower	Upper
152	100		
150	161.3	124.6	186.8
115	61.7	50.1	75.1



Instrument :
BNA_F
ClientSampleId :
WC-01-01

Manual Integrations APPROVED
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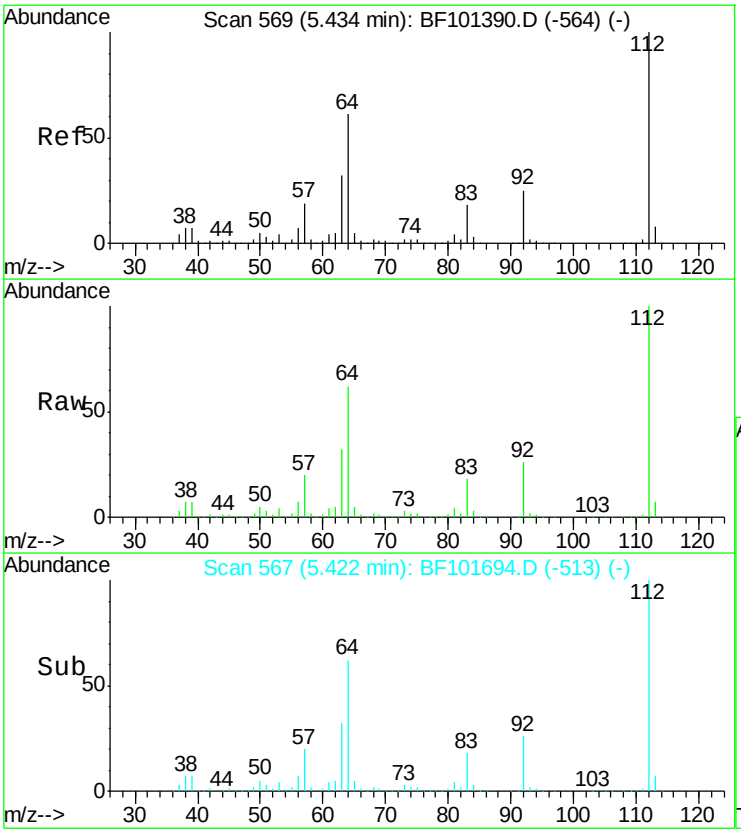
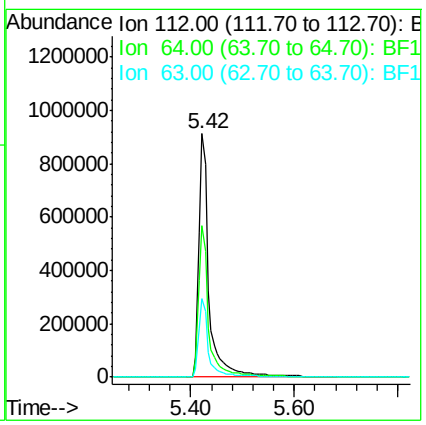
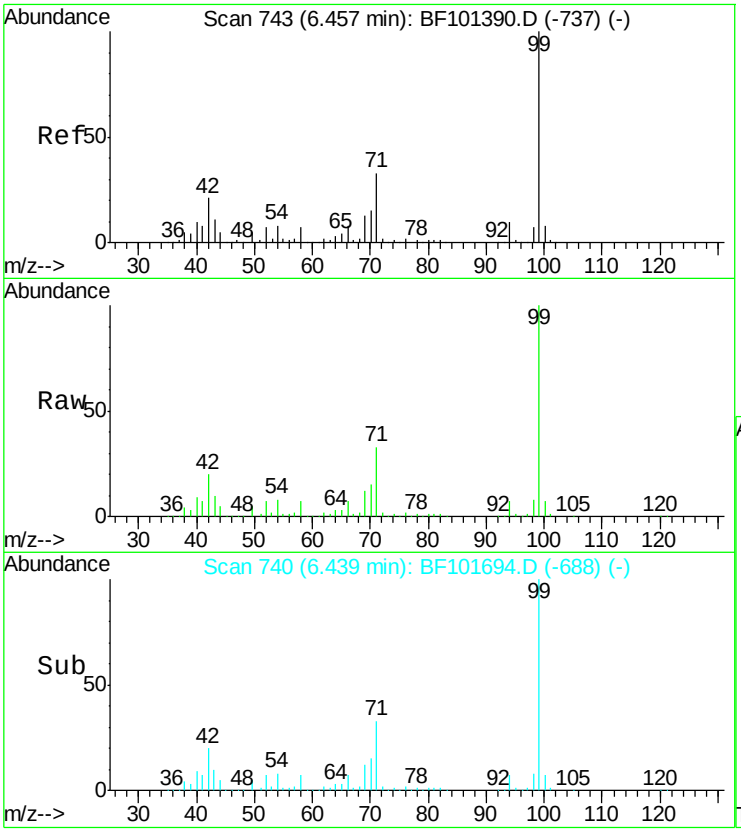


#5
2-Fluorophenol
Concen: 125.605 ng
RT: 5.42 min Scan# 567
Delta R.T. 0.02 min
Lab File: BF101694.D
Acq: 23 Dec 2017 10:50

Tgt Ion:112 Resp: 1252265

Ion	Ratio	Lower	Upper
112	100		
64	62.4	47.9	71.9
63	32.3	23.7	35.5

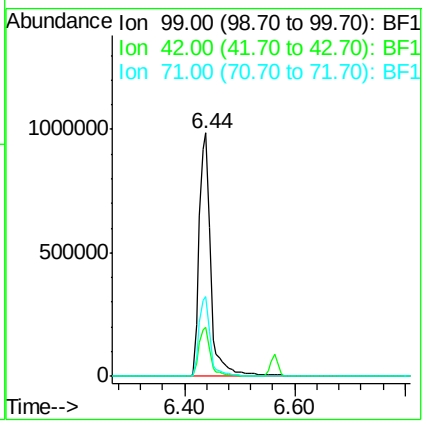




#7
Phenol-d6
Concen: 114.704 ng
RT: 6.44 min Scan# 740
Delta R.T. 0.01 min
Lab File: BF101694.D
Acq: 23 Dec 2017 10:50

Tgt Ion: 99 Resp: 1423229

Ion	Ratio	Lower	Upper
99	100		
42	20.0	14.5	21.7
71	32.9	25.4	38.0



Instrument :
BNA_F
ClientSampleId :
WC-01-01

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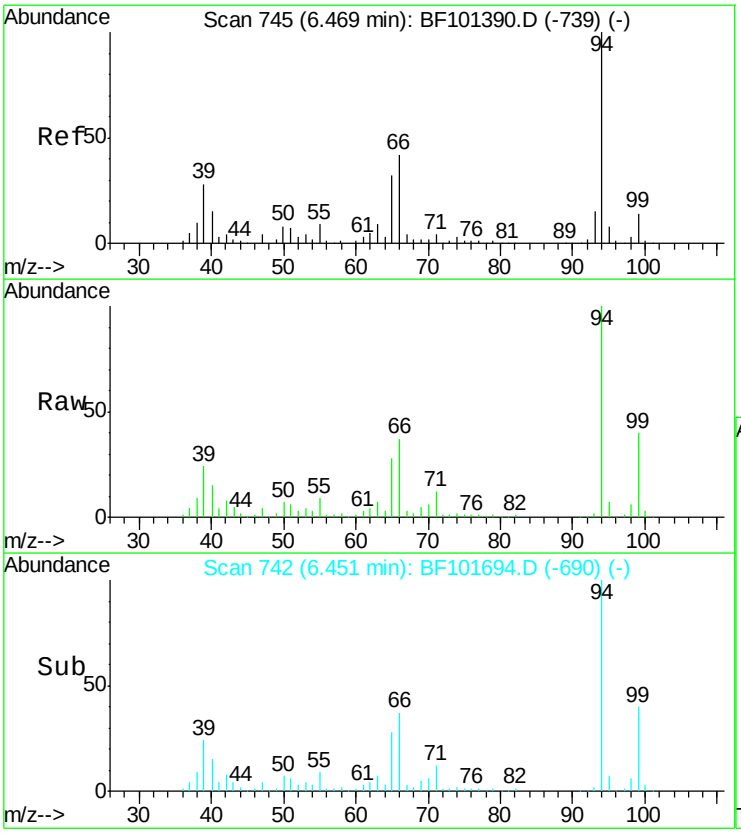
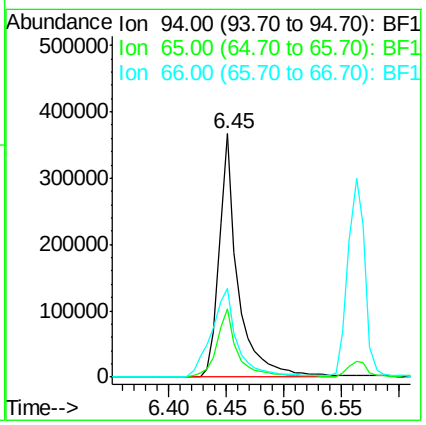
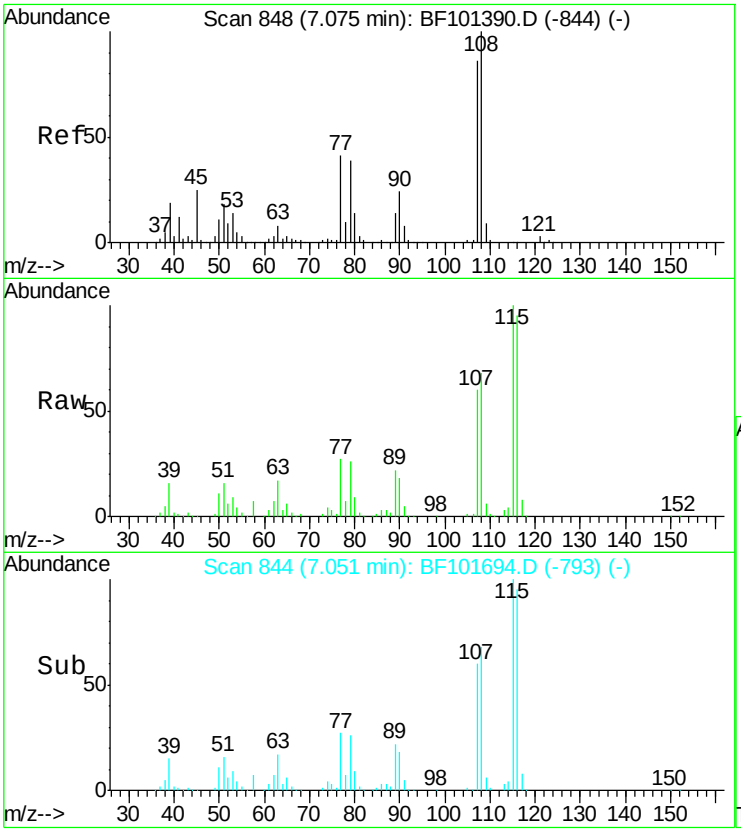


#10
Phenol
Concen: 29.388 ng
RT: 6.45 min Scan# 742
Delta R.T. 0.01 min
Lab File: BF101694.D
Acq: 23 Dec 2017 10:50

Tgt Ion: 94 Resp: 415604

Ion	Ratio	Lower	Upper
94	100		
65	28.1	7.9	47.9
66	36.6	16.2	56.2

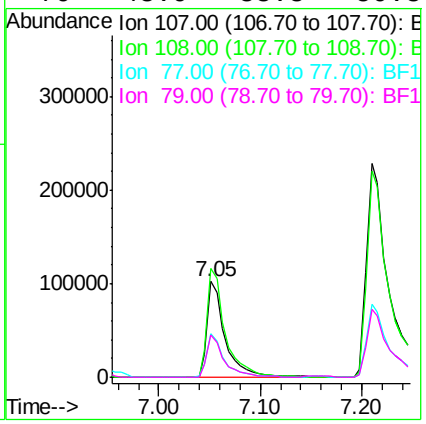




#17
2-Methylphenol
Concen: 13.159 ng
RT: 7.05 min Scan# 844
Delta R.T. -0.00 min
Lab File: BF101694.D
Acq: 23 Dec 2017 10:50

Tgt Ion:107 Resp: 126943

Ion	Ratio	Lower	Upper
107	100		
108	113.7	91.7	137.5
77	45.3	33.8	50.8
79	43.9	33.8	50.8



Instrument :
BNA_F
ClientSampleId :
WC-01-01

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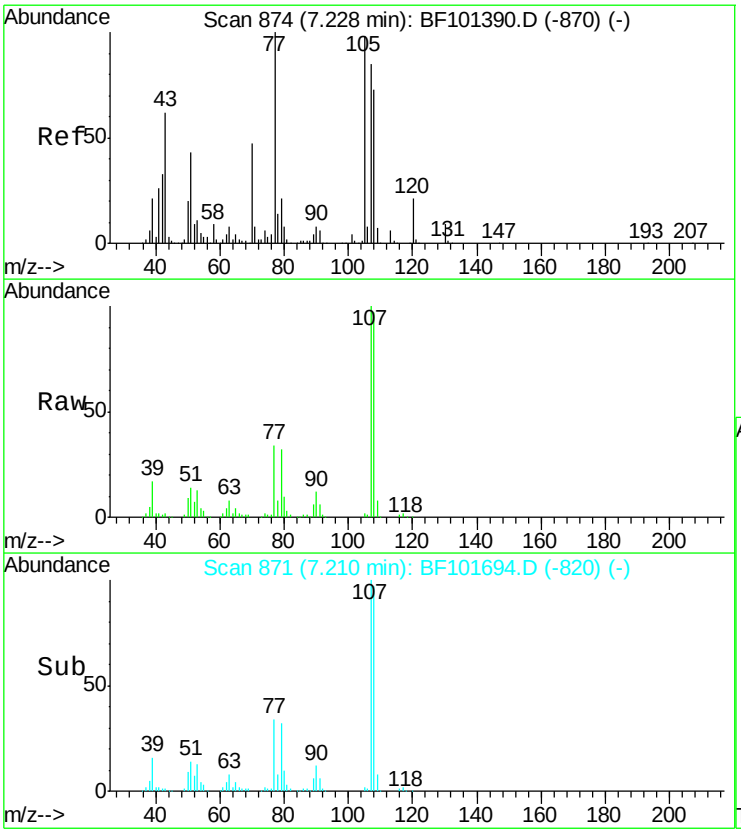
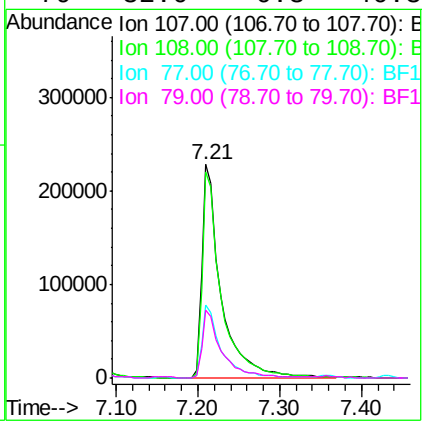
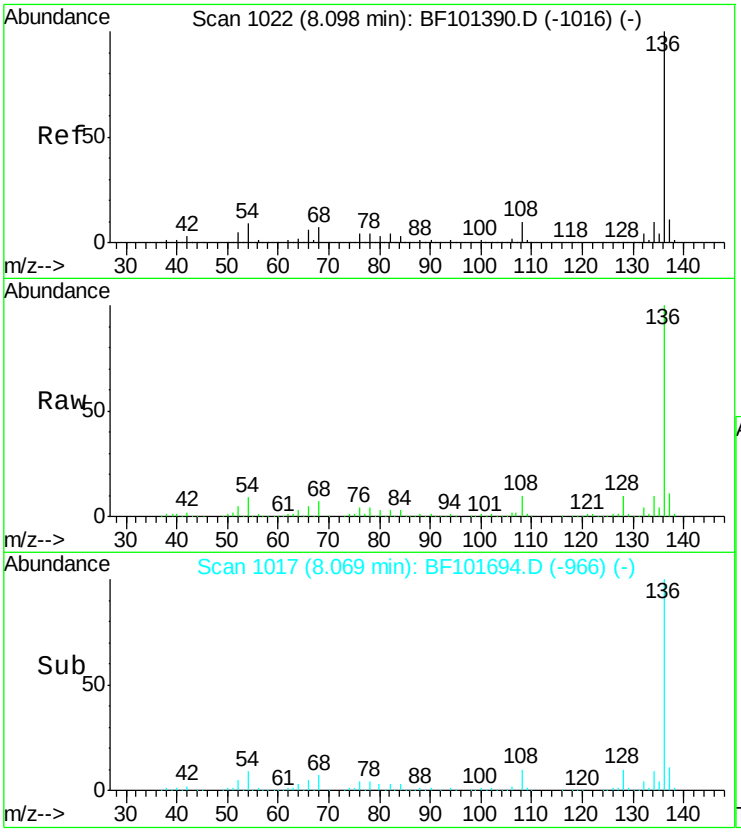


#20
3+4-Methylphenols
Concen: 35.903 ng
RT: 7.21 min Scan# 871
Delta R.T. -0.00 min
Lab File: BF101694.D
Acq: 23 Dec 2017 10:50

Tgt Ion:107 Resp: 367037

Ion	Ratio	Lower	Upper
107	100		
108	96.7	68.2	108.2
77	34.5	26.7	66.7
79	32.0	6.3	46.3

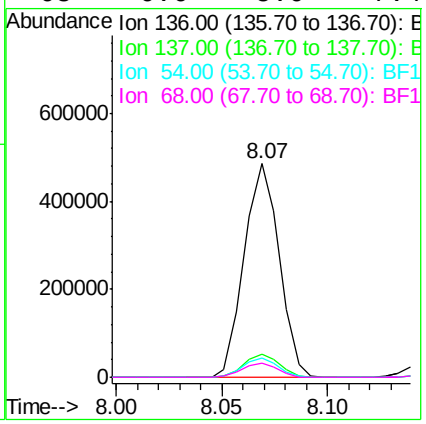




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1017
Delta R.T. -0.00 min
Lab File: BF101694.D
Acq: 23 Dec 2017 10:50

Tgt Ion:136 Resp: 559794

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.9	13.3
54	8.8	6.6	9.8
68	6.6	5.0	7.4



Instrument :
BNA_F
ClientSampleId :
WC-01-01

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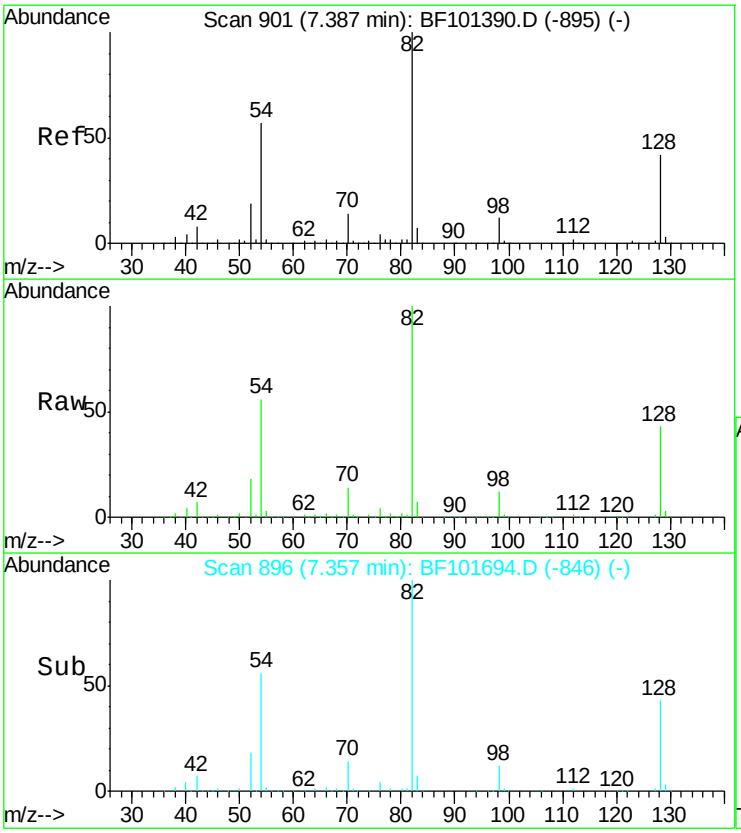
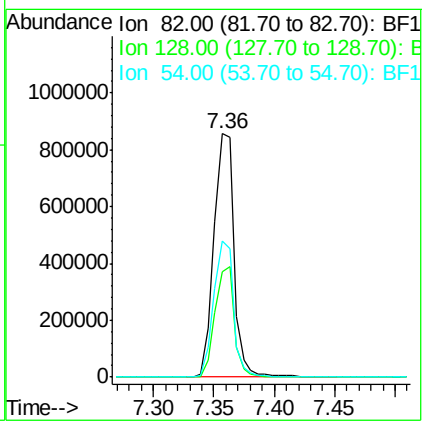
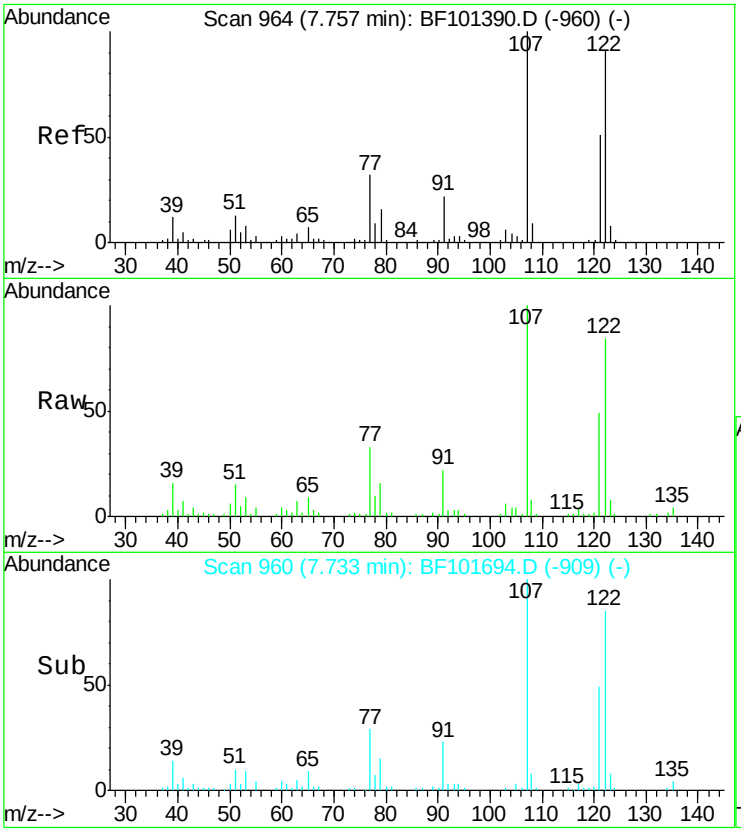


#23
Nitrobenzene-d5
Concen: 97.809 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.01 min
Lab File: BF101694.D
Acq: 23 Dec 2017 10:50

Tgt Ion: 82 Resp: 983605

Ion	Ratio	Lower	Upper
82	100		
128	43.2	36.1	54.1
54	55.8	41.4	62.2

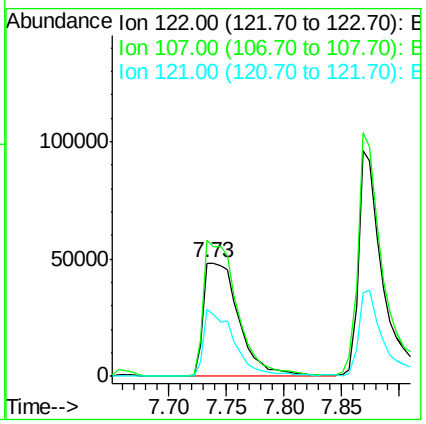




#27
2,4-Dimethylphenol
Concen: 12.873 ng
RT: 7.73 min Scan# 960
Delta R.T. -0.00 min
Lab File: BF101694.D
Acq: 23 Dec 2017 10:50

Tgt Ion:122 Resp: 104571

Ion	Ratio	Lower	Upper
122	100		
107	119.4	91.2	136.8
121	59.0	47.2	70.8



Instrument :
BNA_F
ClientSampleId :
WC-01-01

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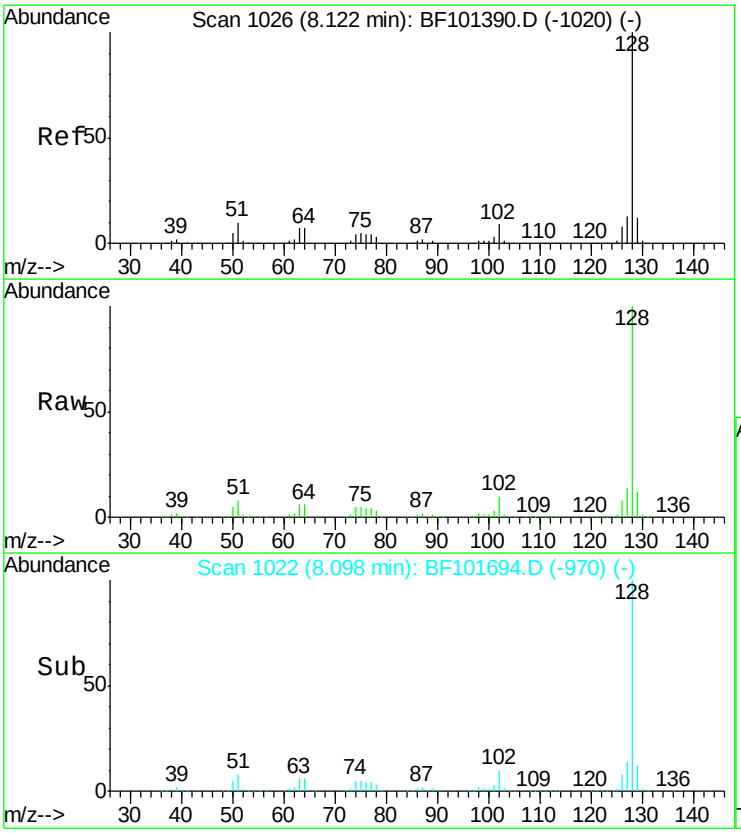
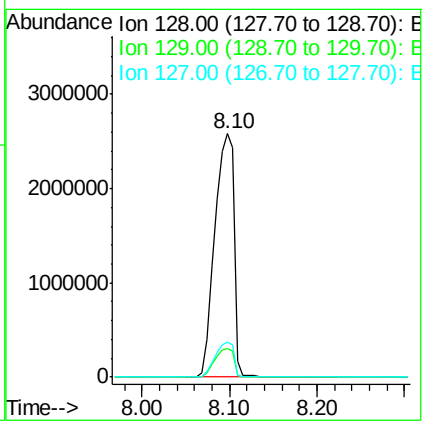
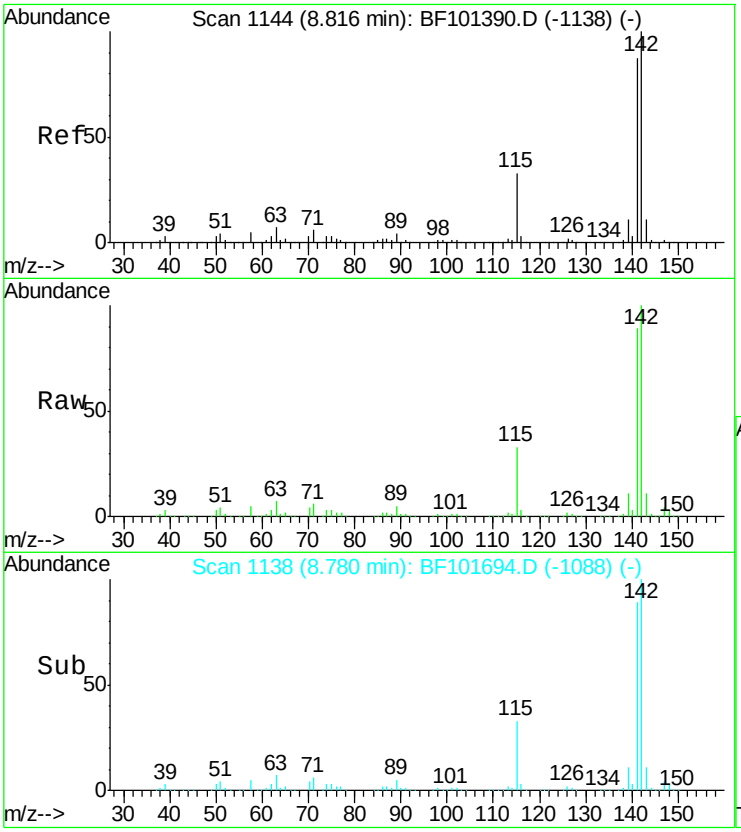


#31
Naphthalene
Concen: 140.713 ng
RT: 8.10 min Scan# 1022
Delta R.T. 0.01 min
Lab File: BF101694.D
Acq: 23 Dec 2017 10:50

Tgt Ion:128 Resp: 3965600

Ion	Ratio	Lower	Upper
128	100		
129	11.9	8.8	13.2
127	14.4	10.9	16.3

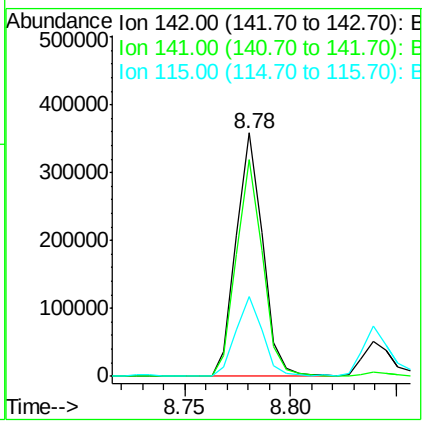




#37
2-Methylnaphthalene
Concen: 17.047 ng
RT: 8.78 min Scan# 1138
Delta R.T. -0.01 min
Lab File: BF101694.D
Acq: 23 Dec 2017 10:50

Tgt Ion:142 Resp: 313002

Ion	Ratio	Lower	Upper
142	100		
141	89.1	70.8	106.2
115	32.9	26.1	39.1



Instrument :
BNA_F
ClientSampleId :
WC-01-01

Manual Integrations APPROVED
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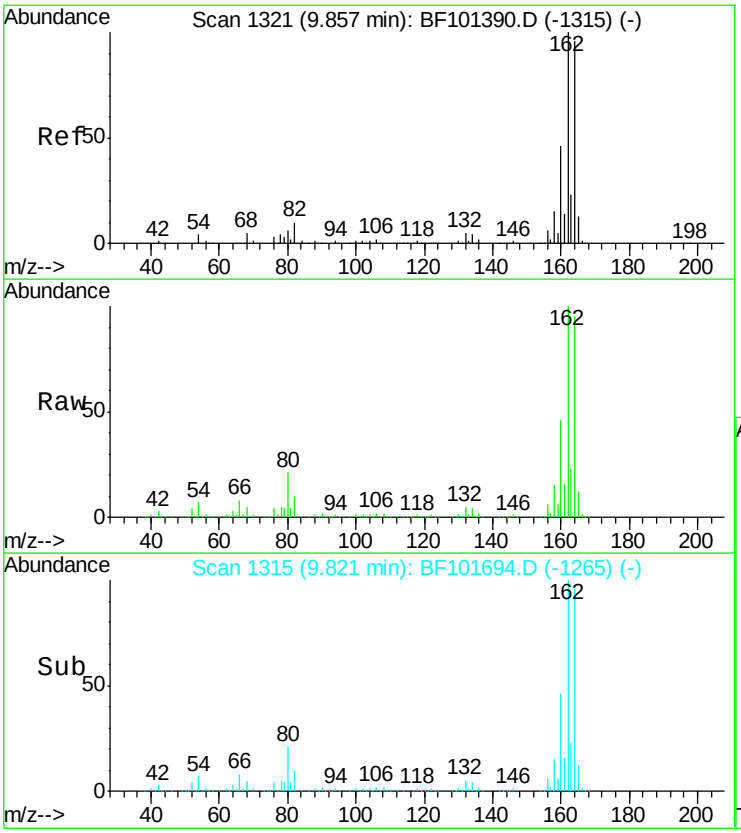
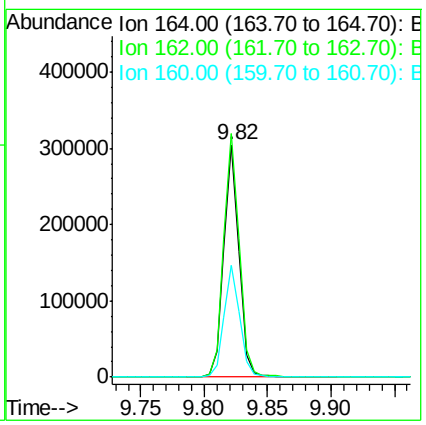
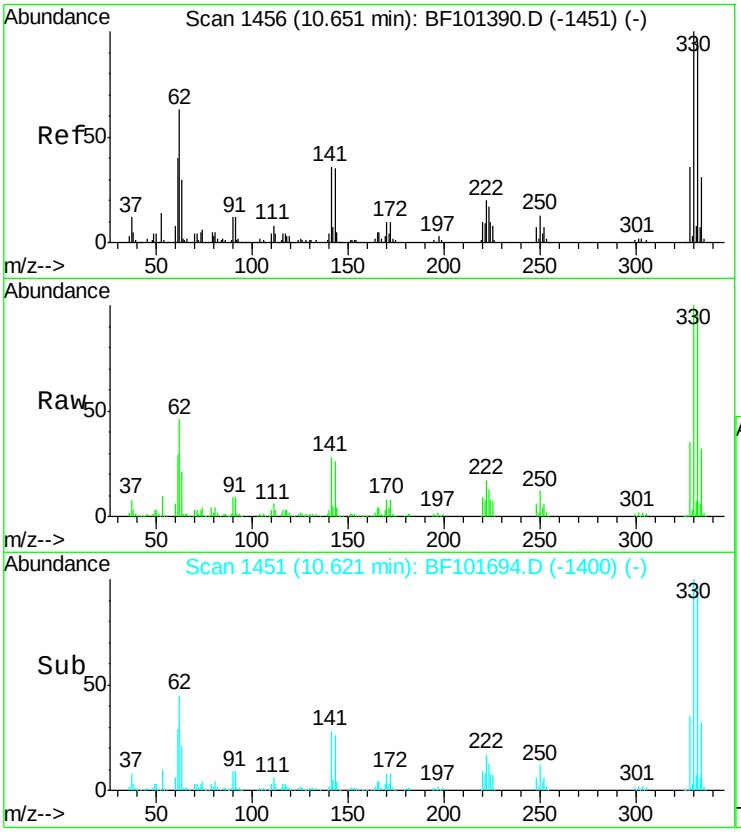


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.82 min Scan# 1315
Delta R.T. -0.01 min
Lab File: BF101694.D
Acq: 23 Dec 2017 10:50

Tgt Ion:164 Resp: 254782

Ion	Ratio	Lower	Upper
164	100		
162	104.8	86.1	129.1
160	48.2	38.3	57.5

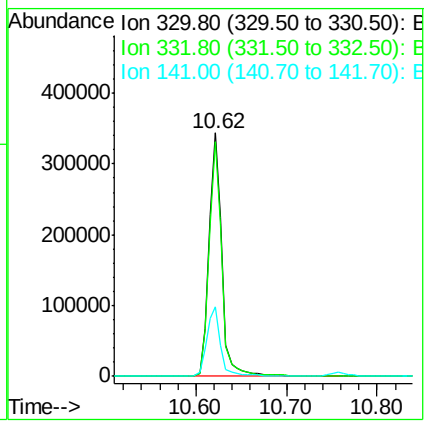




#41
2,4,6-Tribromophenol
Concen: 141.104 ng
RT: 10.62 min Scan# 1451
Delta R.T. -0.00 min
Lab File: BF101694.D
Acq: 23 Dec 2017 10:50

Tgt Ion:330 Resp: 346414

Ion	Ratio	Lower	Upper
330	100		
332	96.0	77.0	115.6
141	31.0	29.9	44.9



Instrument :
BNA_F
ClientSampleId :
WC-01-01

Manual Integrations APPROVED
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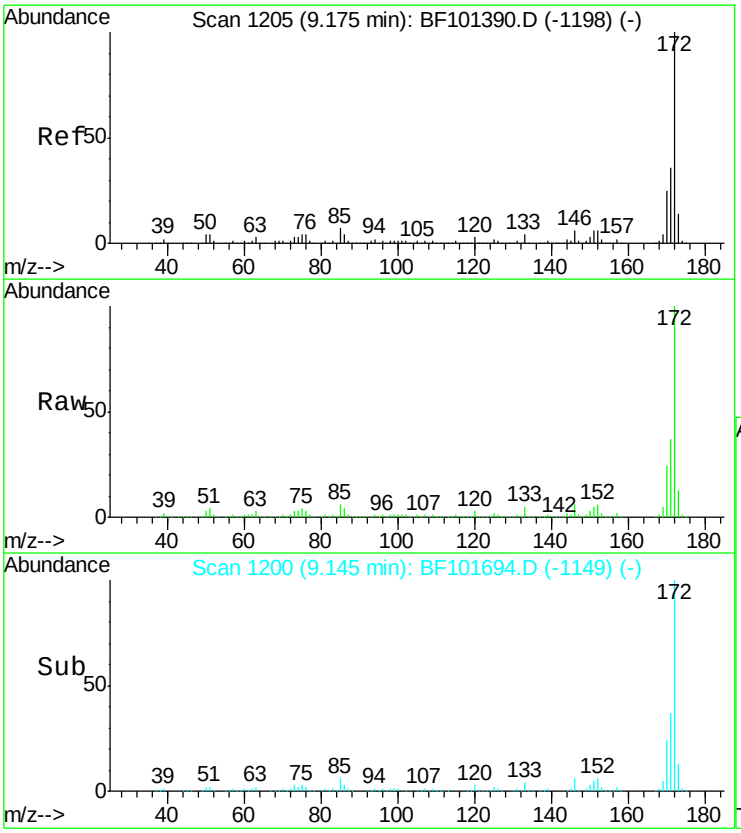
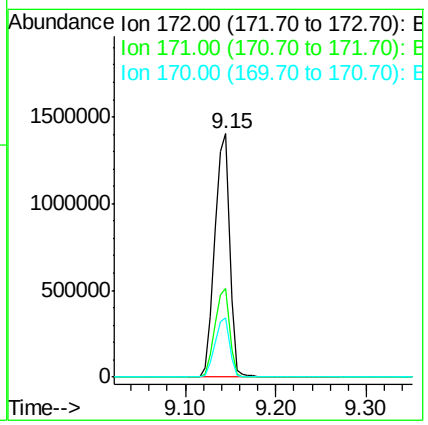
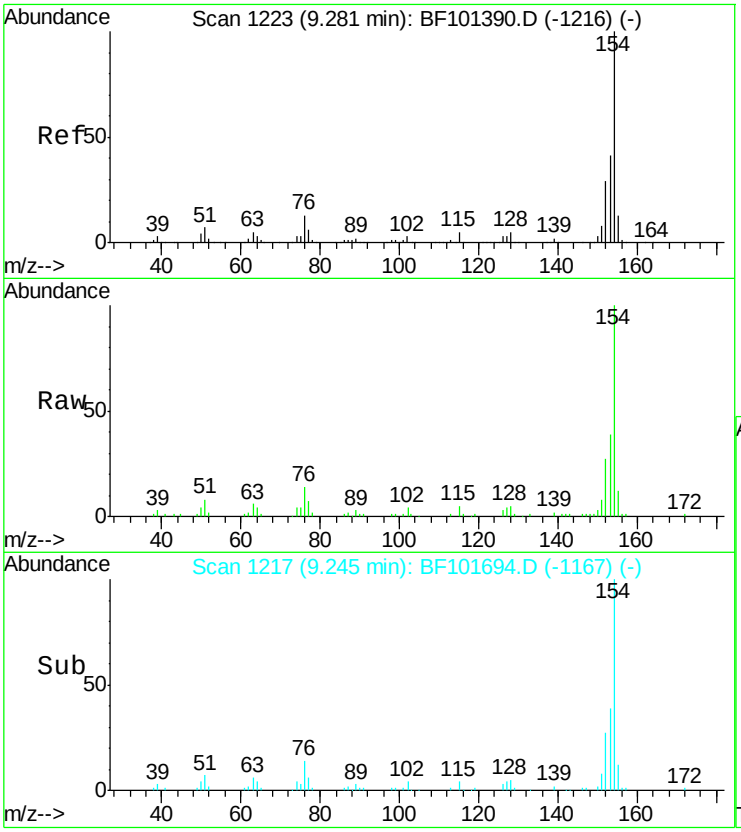


#44
2-Fluorobiphenyl
Concen: 97.352 ng
RT: 9.15 min Scan# 1200
Delta R.T. -0.00 min
Lab File: BF101694.D
Acq: 23 Dec 2017 10:50

Tgt Ion:172 Resp: 1598952

Ion	Ratio	Lower	Upper
172	100		
171	36.6	29.7	44.5
170	24.3	19.6	29.4

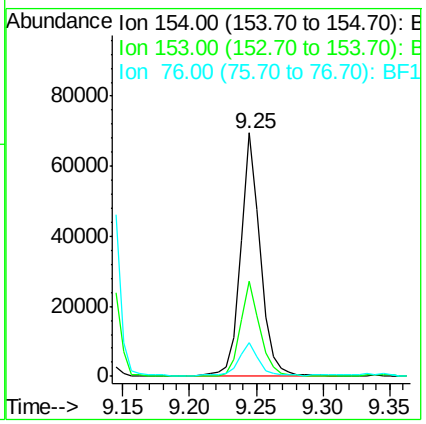




#45
1,1'-Biphenyl
Concen: 3.124 ng
RT: 9.25 min Scan# 1217
Delta R.T. -0.01 min
Lab File: BF101694.D
Acq: 23 Dec 2017 10:50

Tgt Ion:154 Resp: 70588

Ion	Ratio	Lower	Upper
154	100		
153	38.9	21.3	61.3
76	13.6	0.0	34.0



Instrument :
BNA_F
ClientSampleId :
WC-01-01

Manual Integrations APPROVED
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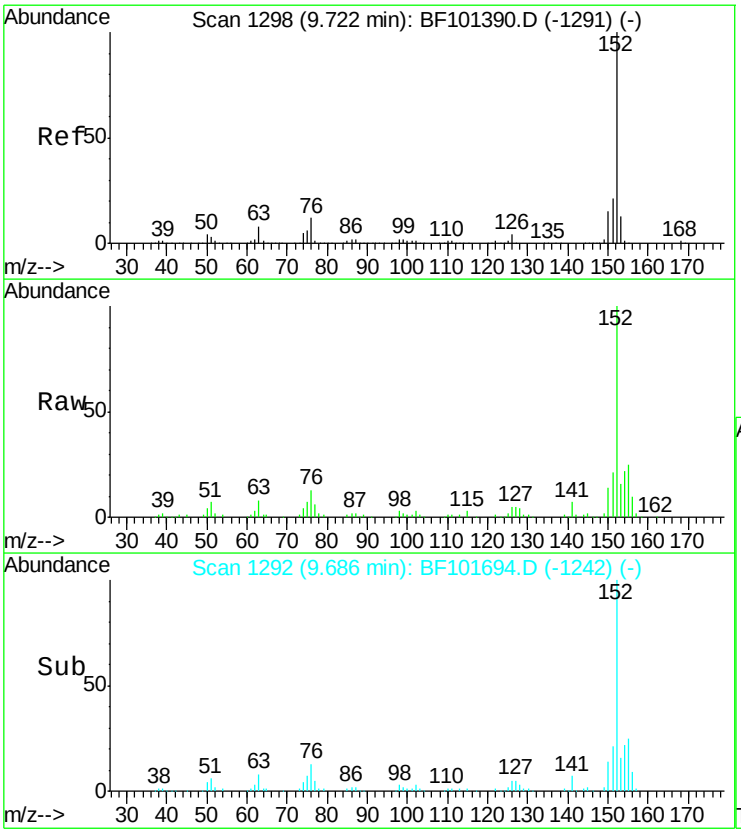
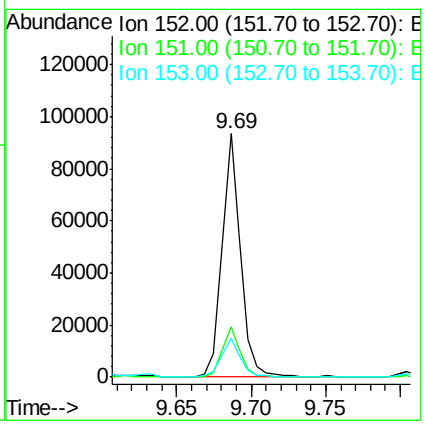
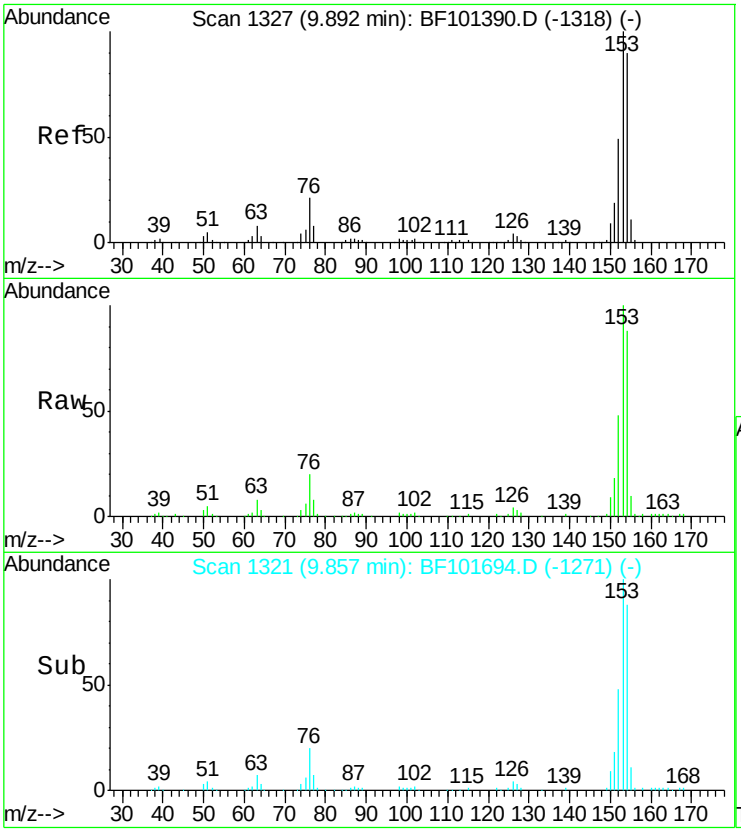


#48
Acenaphthylene
Concen: 3.030 ng
RT: 9.69 min Scan# 1292
Delta R.T. -0.01 min
Lab File: BF101694.D
Acq: 23 Dec 2017 10:50

Tgt Ion:152 Resp: 82753

Ion	Ratio	Lower	Upper
152	100		
151	20.6	16.3	24.5
153	15.7	10.7	16.1

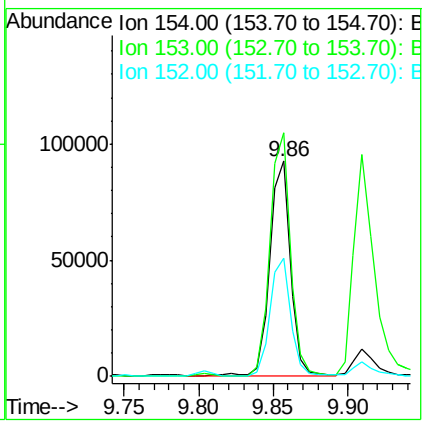




#51
Acenaphthene
Concen: 5.452 ng
RT: 9.86 min Scan# 1321
Delta R.T. -0.01 min
Lab File: BF101694.D
Acq: 23 Dec 2017 10:50

Tgt Ion:154 Resp: 89450

Ion	Ratio	Lower	Upper
154	100		
153	113.2	91.2	136.8
152	54.8	43.8	65.8



Instrument :
BNA_F
ClientSampleId :
WC-01-01

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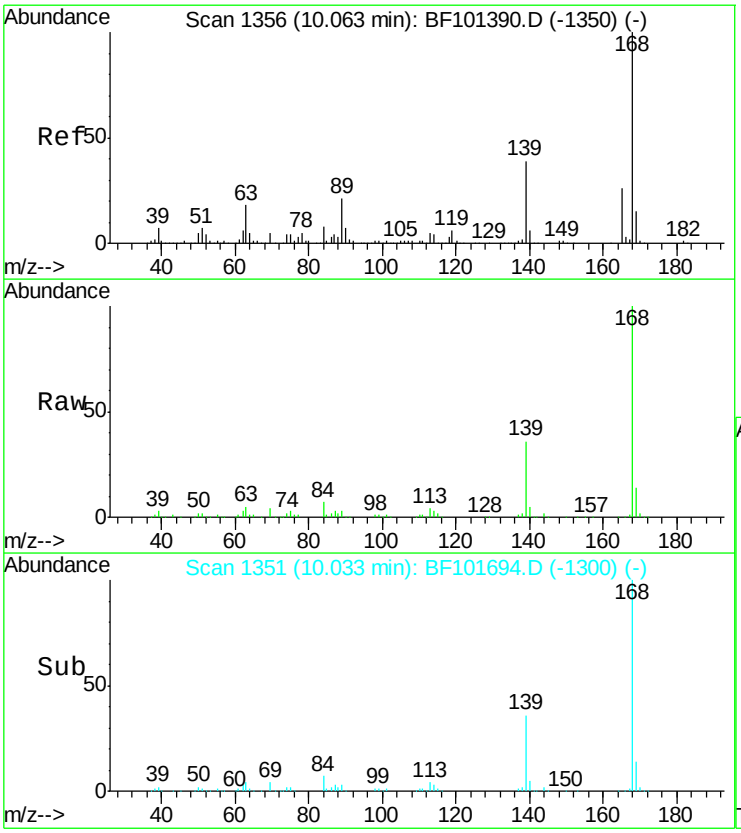
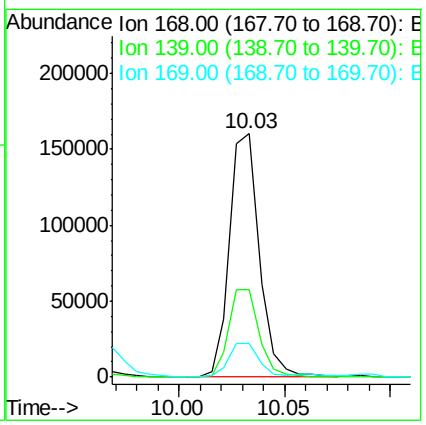
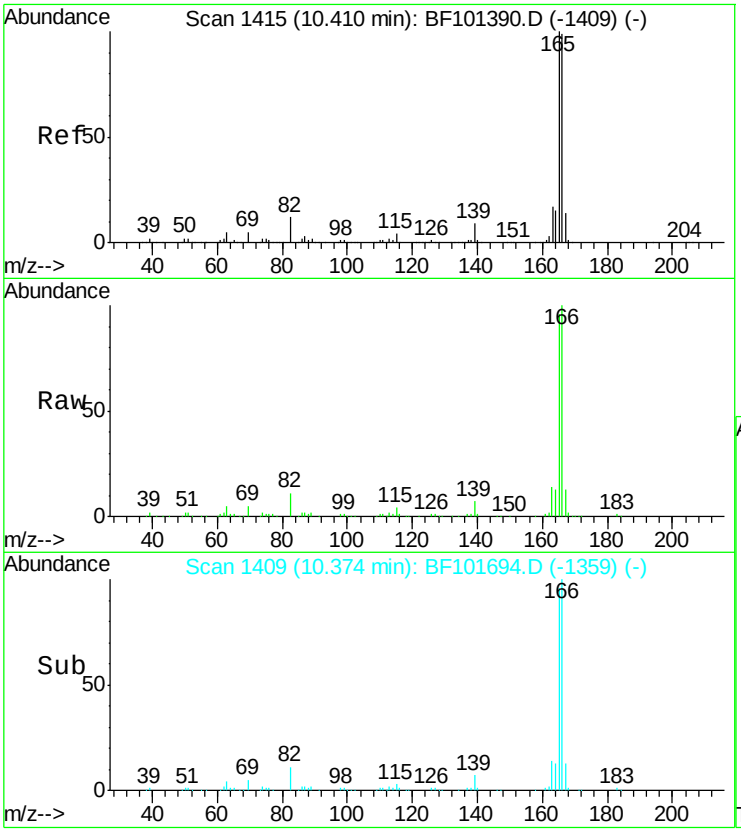


#54
Dibenzofuran
Concen: 7.450 ng
RT: 10.03 min Scan# 1351
Delta R.T. -0.00 min
Lab File: BF101694.D
Acq: 23 Dec 2017 10:50

Tgt Ion:168 Resp: 155335

Ion	Ratio	Lower	Upper
168	100		
139	36.0	30.1	45.1
169	14.1	10.9	16.3

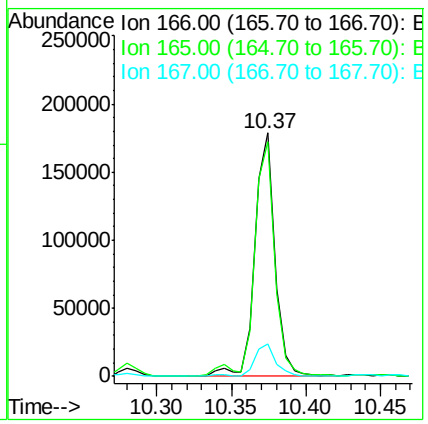




#57
Fluorene
Concen: 9.314 ng
RT: 10.37 min Scan# 1409
Delta R.T. -0.01 min
Lab File: BF101694.D
Acq: 23 Dec 2017 10:50

Tgt Ion:166 Resp: 164272

Ion	Ratio	Lower	Upper
166	100		
165	96.3	79.8	119.8
167	13.4	10.6	16.0



Instrument :
BNA_F
ClientSampleId :
WC-01-01

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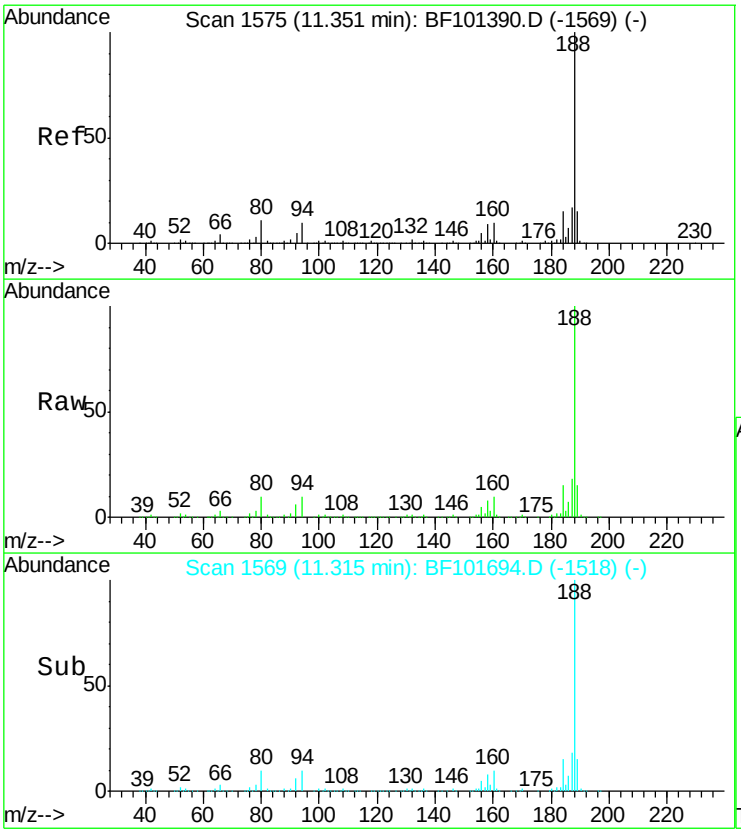
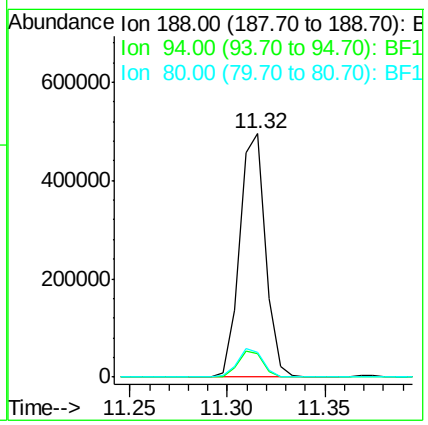
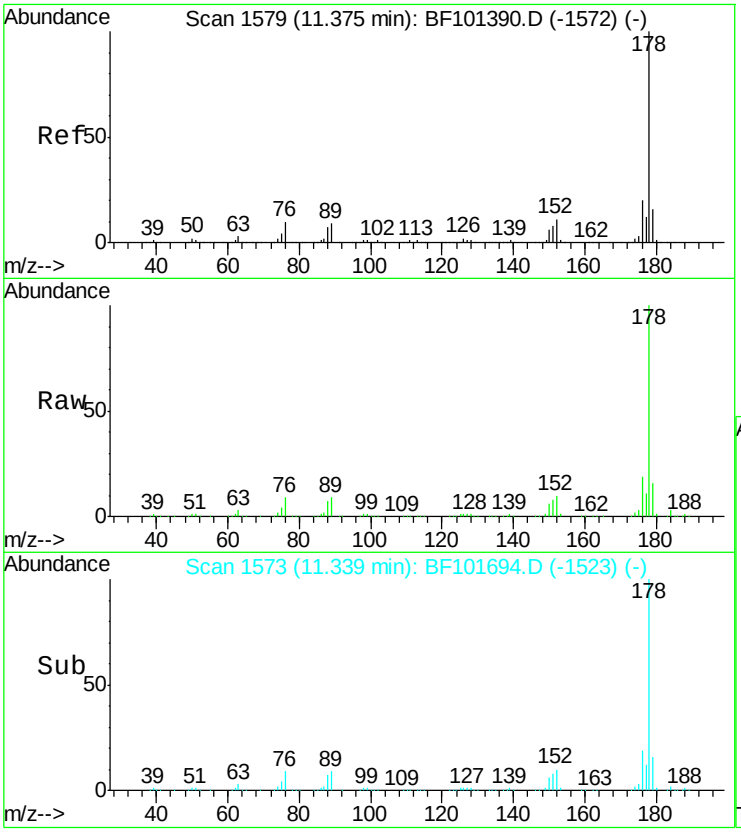


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1569
Delta R.T. -0.00 min
Lab File: BF101694.D
Acq: 23 Dec 2017 10:50

Tgt Ion:188 Resp: 454801

Ion	Ratio	Lower	Upper
188	100		
94	9.5	8.5	12.7
80	10.4	9.2	13.8

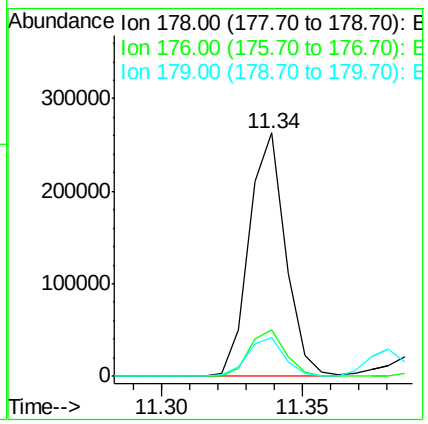




#70
Phenanthrene
Concen: 9.306 ng
RT: 11.34 min Scan# 1573
Delta R.T. -0.01 min
Lab File: BF101694.D
Acq: 23 Dec 2017 10:50

Tgt Ion:178 Resp: 235368

Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.8	23.8
179	15.8	13.0	19.6



Instrument :
BNA_F
ClientSampleId :
WC-01-01

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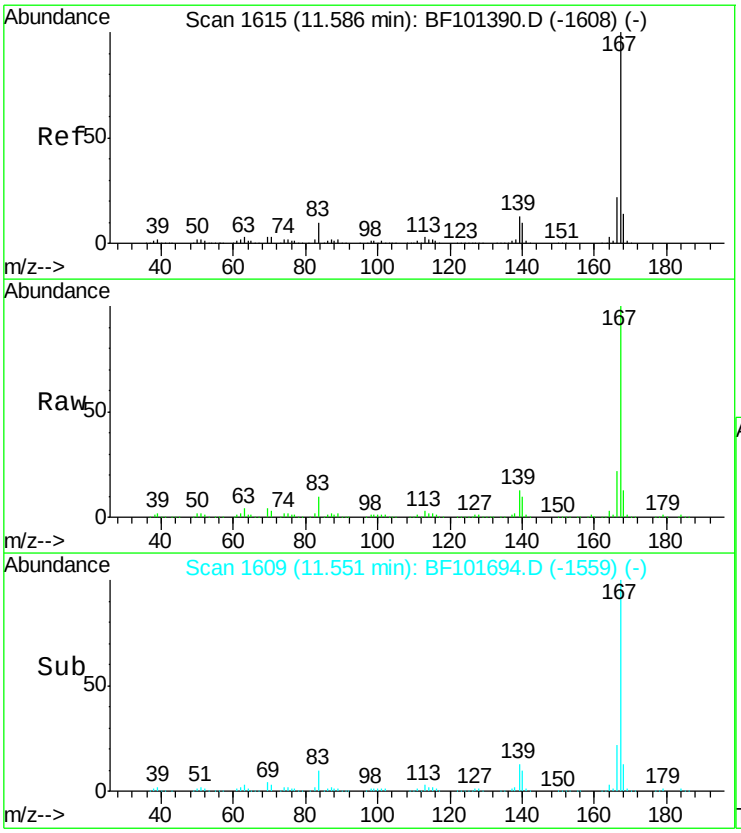
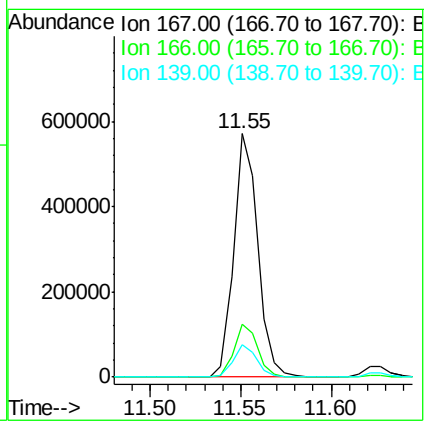
12/26/2017 1:37:58 PM

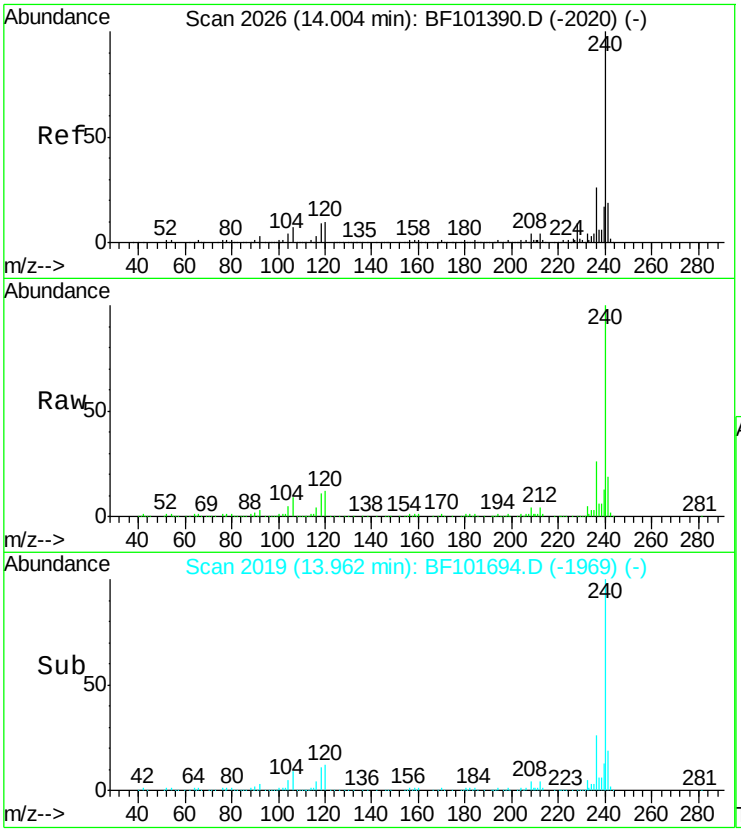


#72
Carbazole
Concen: 21.763 ng
RT: 11.55 min Scan# 1609
Delta R.T. -0.01 min
Lab File: BF101694.D
Acq: 23 Dec 2017 10:50

Tgt Ion:167 Resp: 526416

Ion	Ratio	Lower	Upper
167	100		
166	21.7	17.6	26.4
139	13.4	10.9	16.3

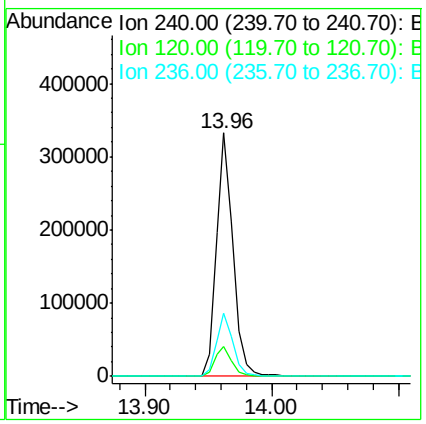




#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.96 min Scan# 2019
Delta R.T. -0.01 min
Lab File: BF101694.D
Acq: 23 Dec 2017 10:50

Tgt Ion:240 Resp: 306239

Ion	Ratio	Lower	Upper
240	100		
120	12.2	9.5	14.3
236	26.0	20.7	31.1



Instrument :
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ClientSampleId :
WC-01-01

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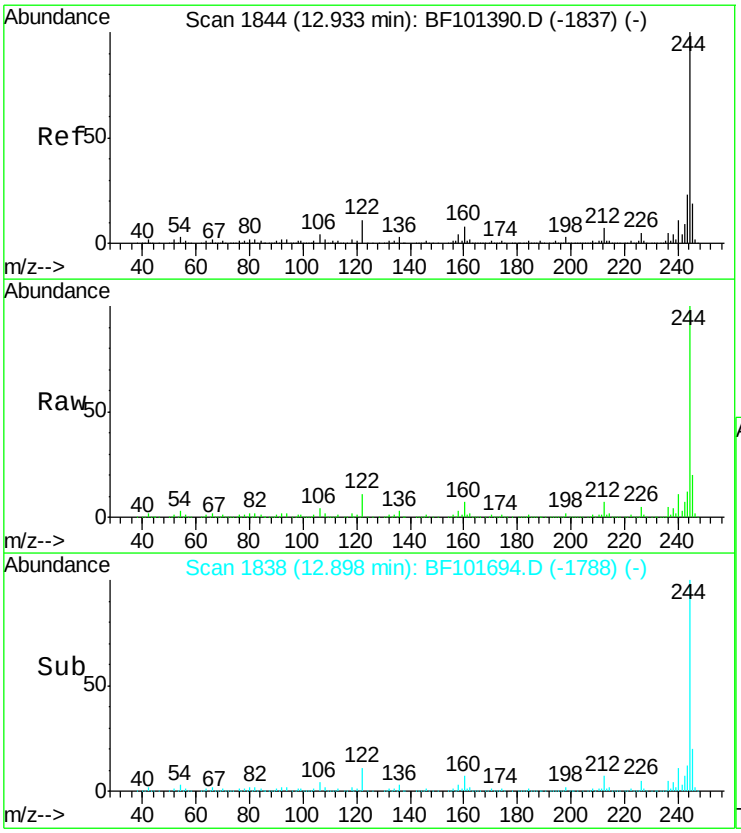
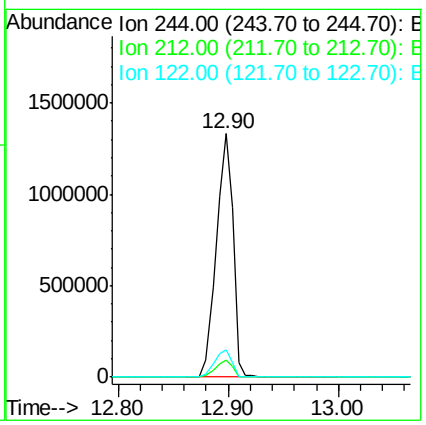
12/26/2017 1:37:58 PM

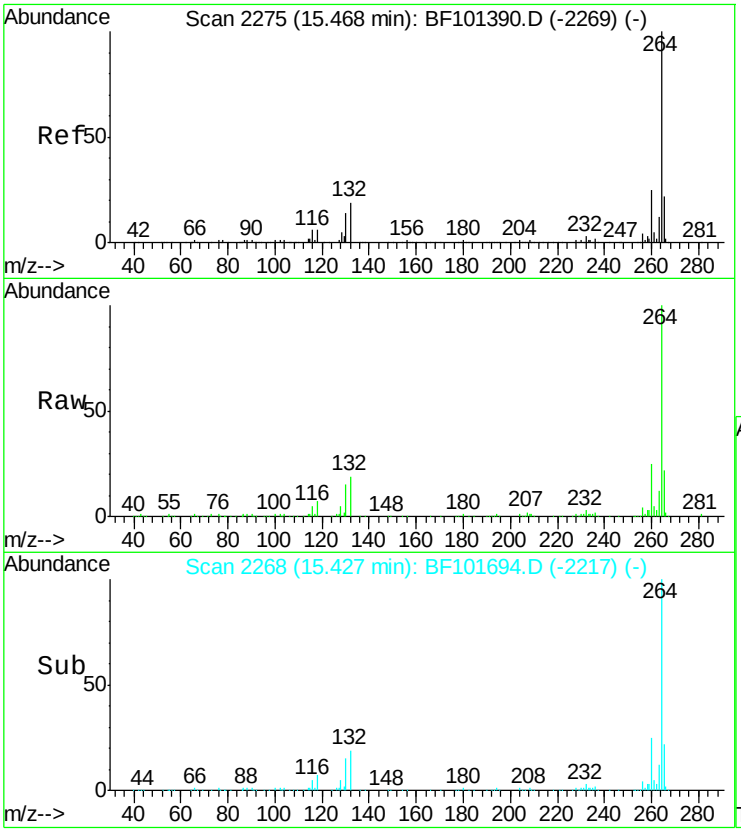


#78
Terphenyl-d14
Concen: 109.632 ng
RT: 12.90 min Scan# 1838
Delta R.T. -0.01 min
Lab File: BF101694.D
Acq: 23 Dec 2017 10:50

Tgt Ion:244 Resp: 1392650

Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.4	8.0
122	11.2	11.0	16.4

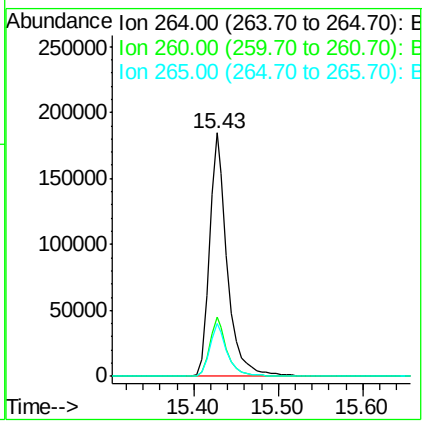




#86
Perylene-d12
Concen: 20.000 ng
RT: 15.43 min Scan# 2268
Delta R.T. -0.00 min
Lab File: BF101694.D
Acq: 23 Dec 2017 10:50

Tgt Ion:264 Resp: 272061

Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.2	28.8
265	21.7	17.5	26.3



Instrument :
BNA_F
ClientSampleId :
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