Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122617\
Data File : BF101716.D
Acq On : 26 Dec 2017 15:33
Operator : SJ/JU
Sample : I6844-03DL 10X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-9974103-01DL

Manual Integrations APPROVED
Sohil
12/27/2017 4:14:40 PM

Quant Time: Dec 26 16:05:29 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 26 10:48:01 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	142457	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	543164	20.00	ng	0.00
38) Acenaphthene-d10	9.82	164	227849	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	366995	20.00	ng	0.00
75) Chrysene-d12	13.97	240	290742	20.00	ng	0.00
86) Perylene-d12	15.43	264	286524	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	150676m	15.76	ng	0.02
7) Phenol-d6	6.43	99	158527	13.32	ng	0.00
23) Nitrobenzene-d5	7.36	82	113729	11.66	ng	0.00
41) 2,4,6-Tribromophenol	10.63	330	29870	13.61	ng	0.00
44) 2-Fluorobiphenyl	9.14	172	223518	15.22	ng	0.00
78) Terphenyl-d14	12.89	244	173108	14.35	ng	0.00
Target Compounds						Qvalue
10) Phenol	6.45	94	1092872	80.561	ng	99
17) 2-Methylphenol	7.05	107	240234	25.960	ng	100
20) 3+4-Methylphenols	7.21	107	768965	78.415	ng	87
27) 2,4-Dimethylphenol	7.73	122	140750	17.857	ng	98
31) Naphthalene	8.09	128	1579582	57.765	ng	99
37) 2-Methylnaphthalene	8.79	142	61213	3.436	ng	99
48) Acenaphthylene	9.69	152	72060	2.951	ng	99
72) Carbazole	11.56	167	79500	4.073	ng	99

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

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122617\
Data File : BF101716.D
Acq On : 26 Dec 2017 15:33
Operator : SJ/JU
Sample : I6844-03DL 10X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Dec 26 16:05:29 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 26 10:48:01 2017
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
WC-9974103-01DL

Manual Integrations APPROVED
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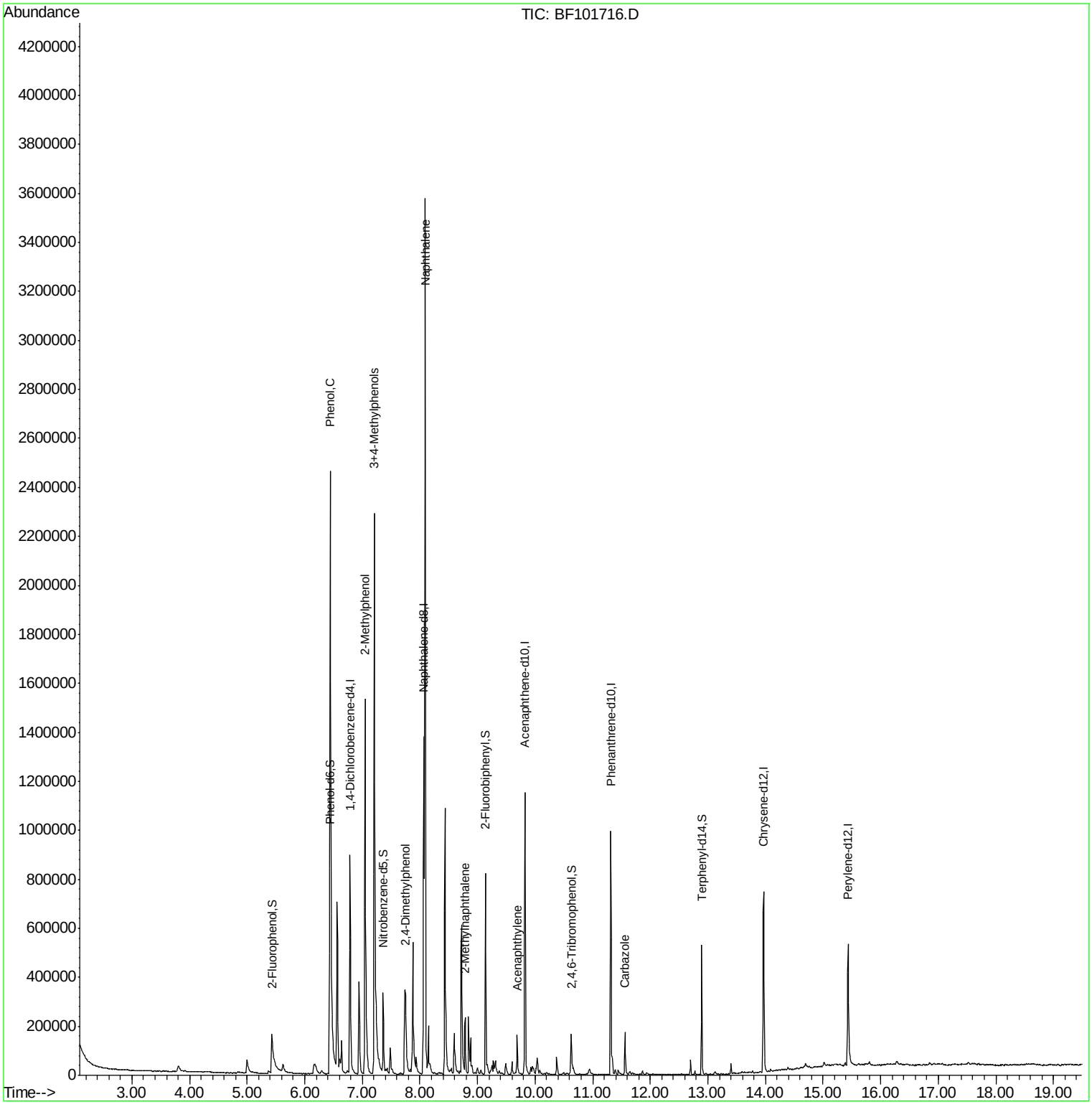
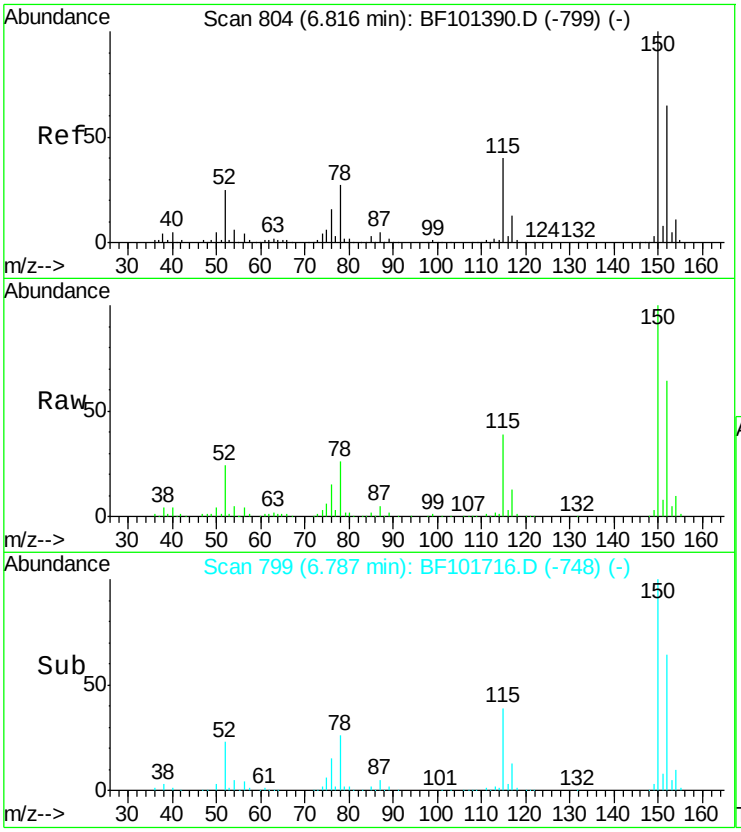
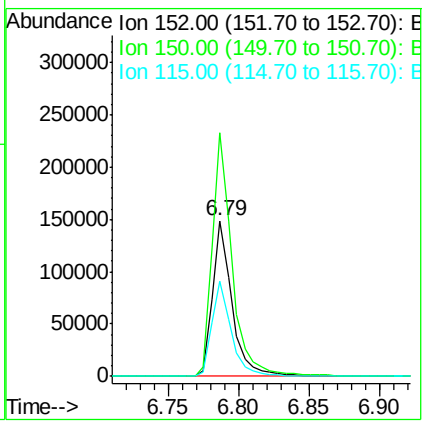




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 799
Delta R.T. -0.00 min
Lab File: BF101716.D
Acq: 26 Dec 2017 15:33

Tgt Ion:152 Resp: 142457

Ion	Ratio	Lower	Upper
152	100		
150	156.7	124.6	186.8
115	61.0	50.1	75.1



Instrument :
BNA_F
ClientSampleId :
WC-9974103-01DL

Manual Integrations APPROVED
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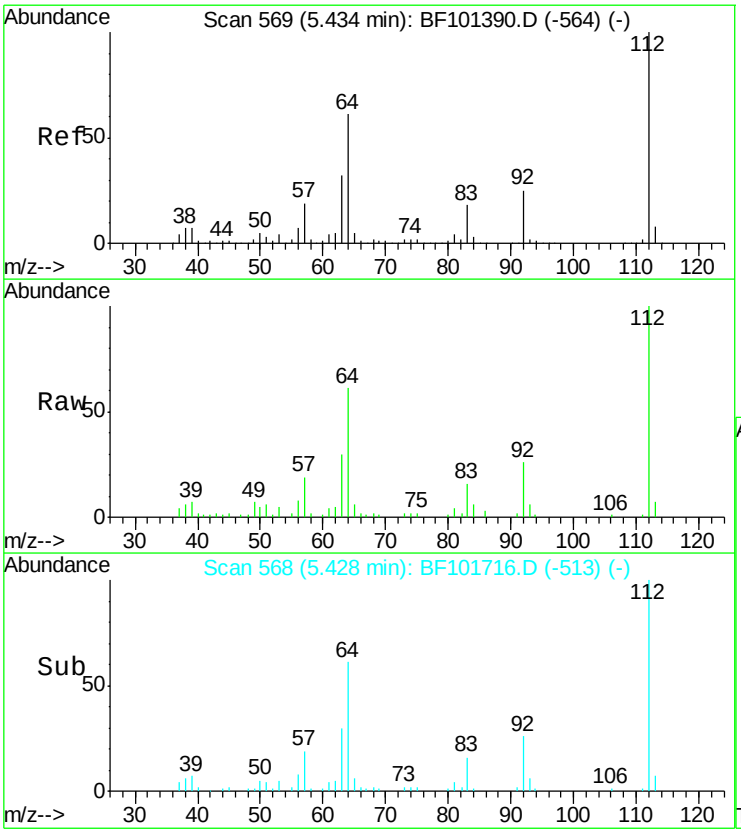
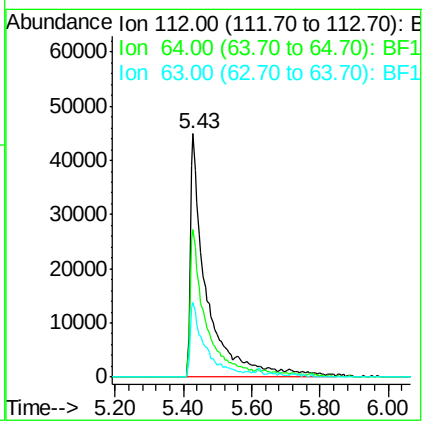
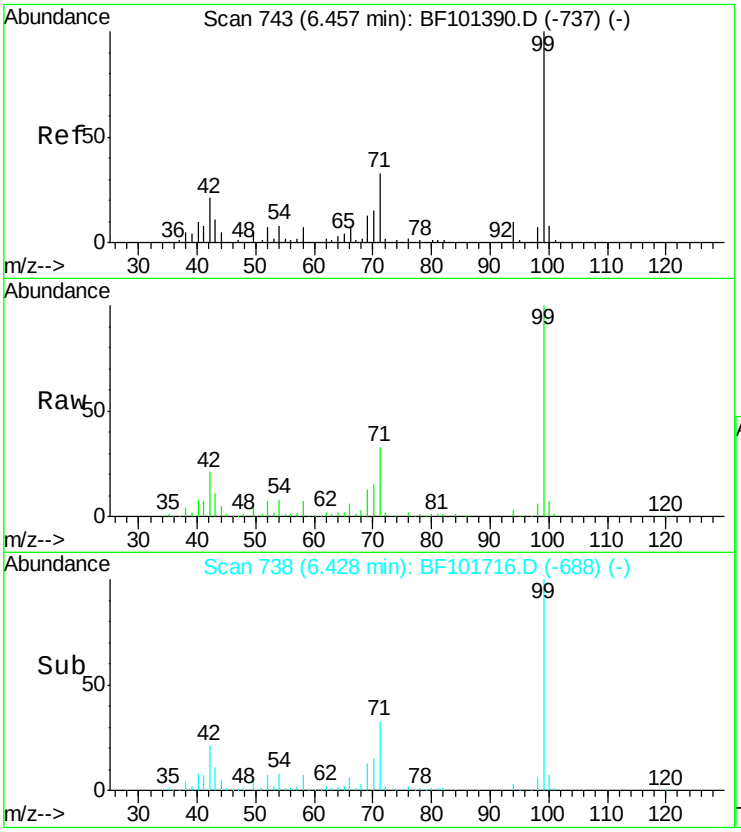


#5
2-Fluorophenol
Concen: 15.755 ng m
RT: 5.43 min Scan# 568
Delta R.T. 0.02 min
Lab File: BF101716.D
Acq: 26 Dec 2017 15:33

Tgt Ion:112 Resp: 150676

Ion	Ratio	Lower	Upper
112	100		
64	60.7	47.9	71.9
63	30.4	23.7	35.5

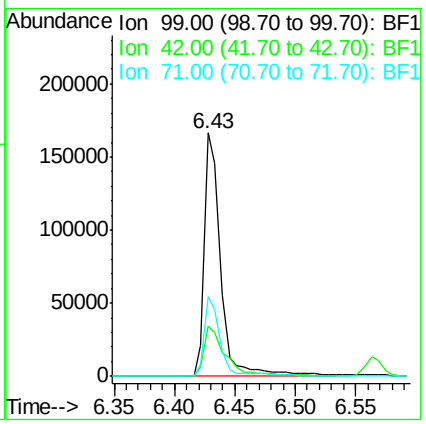




#7
Phenol-d6
Concen: 13.319 ng
RT: 6.43 min Scan# 738
Delta R.T. -0.01 min
Lab File: BF101716.D
Acq: 26 Dec 2017 15:33

Tgt Ion: 99 Resp: 158527

Ion	Ratio	Lower	Upper
99	100		
42	20.6	14.5	21.7
71	33.0	25.4	38.0



Instrument :
BNA_F
ClientSampleId :
WC-9974103-01DL

Manual Integrations APPROVED
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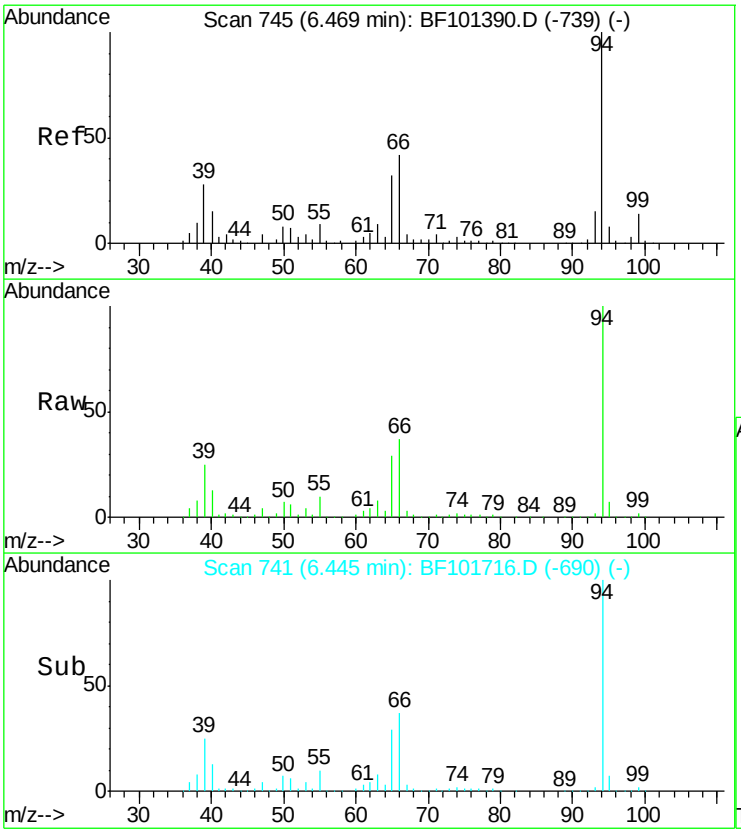
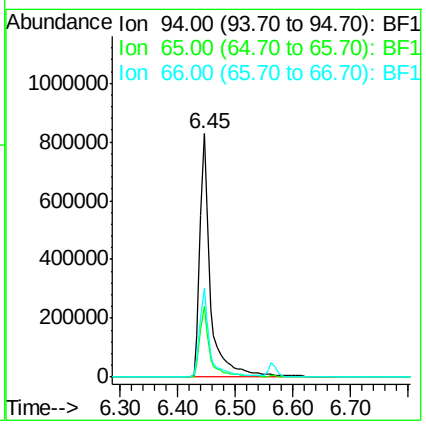
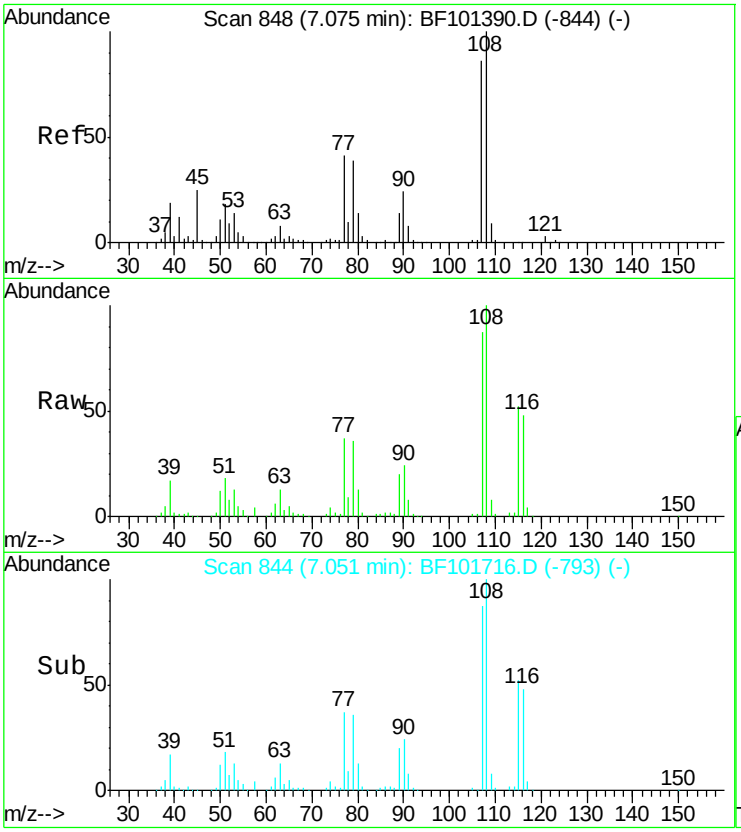


#10
Phenol
Concen: 80.561 ng
RT: 6.45 min Scan# 741
Delta R.T. -0.00 min
Lab File: BF101716.D
Acq: 26 Dec 2017 15:33

Tgt Ion: 94 Resp: 1092872

Ion	Ratio	Lower	Upper
94	100		
65	29.1	7.9	47.9
66	36.6	16.2	56.2

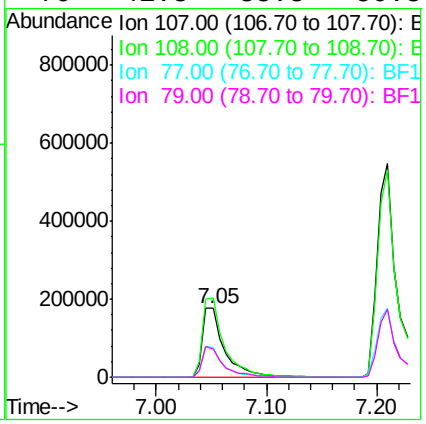




#17
2-Methylphenol
Concen: 25.960 ng
RT: 7.05 min Scan# 844
Delta R.T. -0.00 min
Lab File: BF101716.D
Acq: 26 Dec 2017 15:33

Tgt Ion:107 Resp: 240234

Ion	Ratio	Lower	Upper
107	100		
108	114.8	91.7	137.5
77	42.3	33.8	50.8
79	41.8	33.8	50.8



Instrument :
BNA_F
ClientSampleId :
WC-9974103-01DL

Manual Integrations APPROVED
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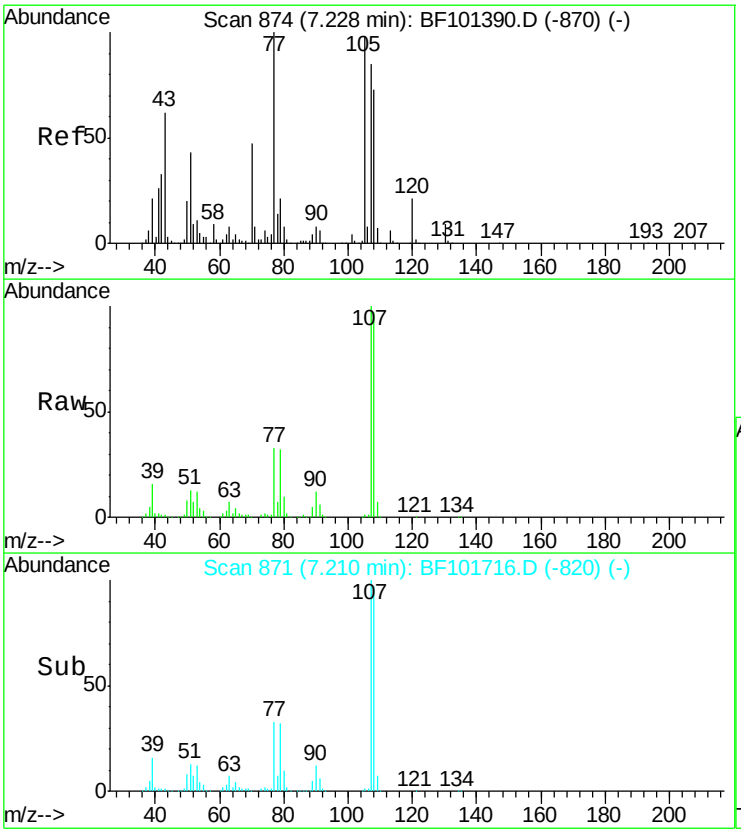
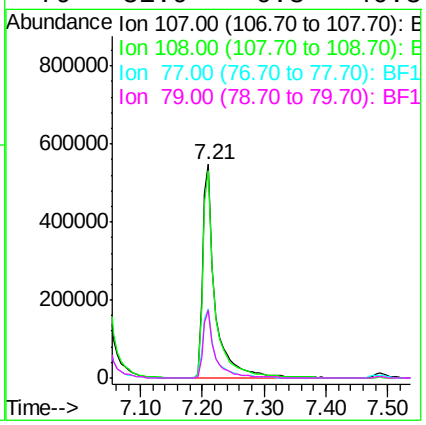
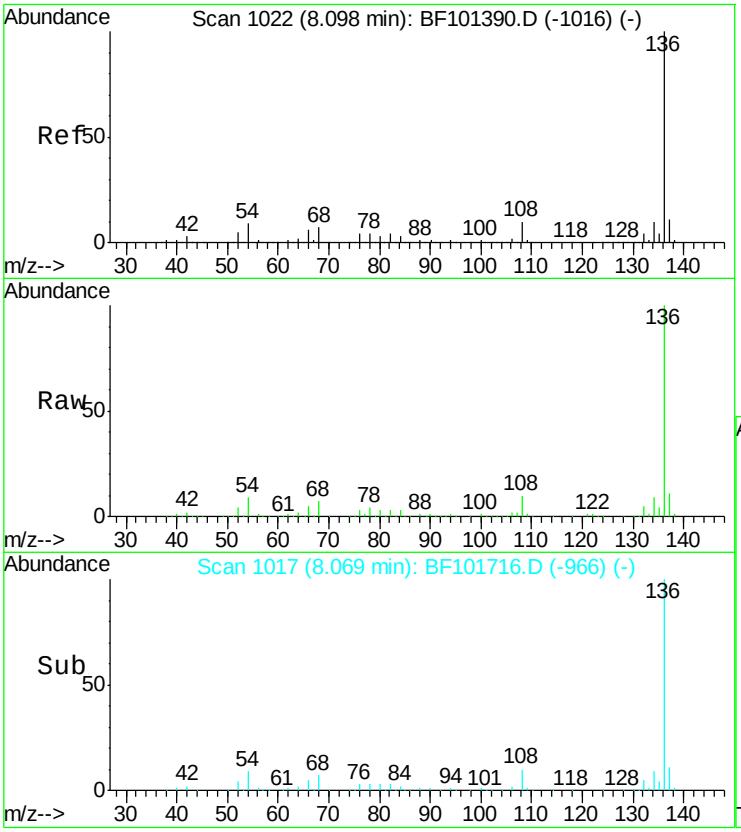


#20
3+4-Methylphenols
Concen: 78.415 ng
RT: 7.21 min Scan# 871
Delta R.T. -0.00 min
Lab File: BF101716.D
Acq: 26 Dec 2017 15:33

Tgt Ion:107 Resp: 768965

Ion	Ratio	Lower	Upper
107	100		
108	97.1	68.2	108.2
77	32.7	26.7	66.7
79	31.9	6.3	46.3

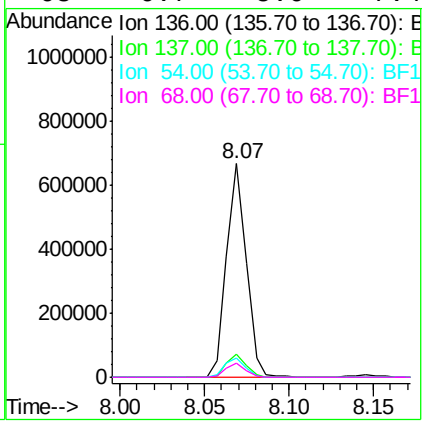




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1017
Delta R.T. -0.00 min
Lab File: BF101716.D
Acq: 26 Dec 2017 15:33

Tgt Ion:136 Resp: 543164

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	9.0	6.6	9.8
68	6.7	5.0	7.4



Instrument :
BNA_F
ClientSampleId :
WC-9974103-01DL

Manual Integrations APPROVED
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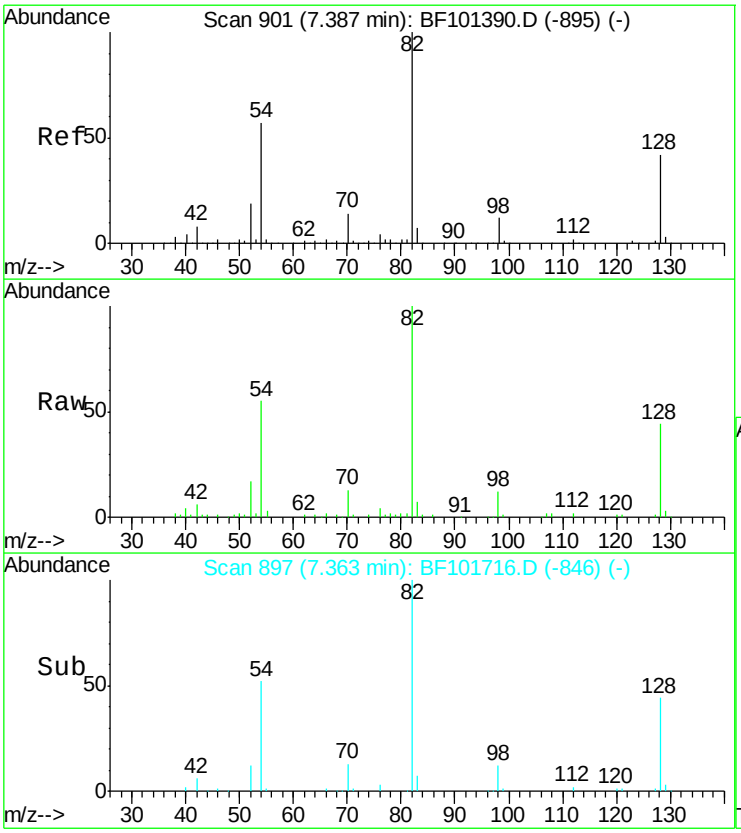
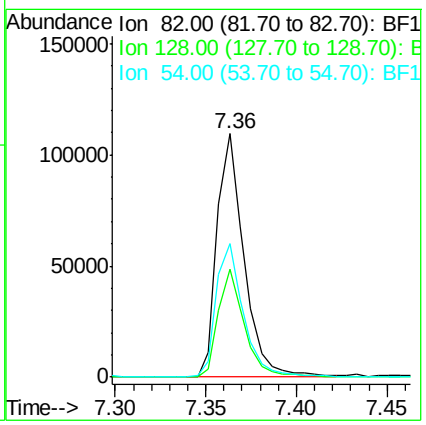
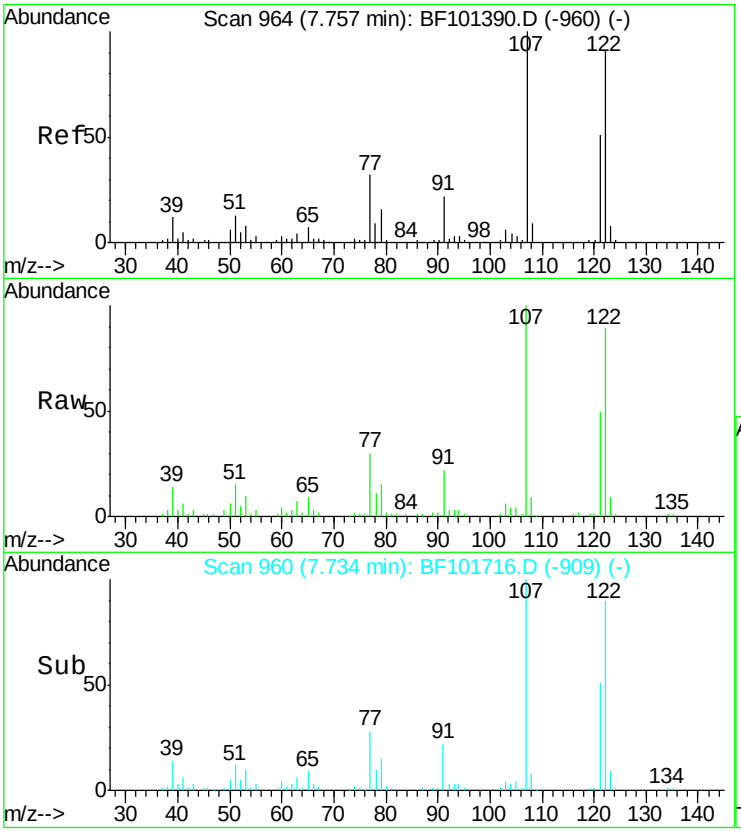


#23
Nitrobenzene-d5
Concen: 11.655 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.00 min
Lab File: BF101716.D
Acq: 26 Dec 2017 15:33

Tgt Ion: 82 Resp: 113729

Ion	Ratio	Lower	Upper
82	100		
128	44.2	36.1	54.1
54	54.9	41.4	62.2

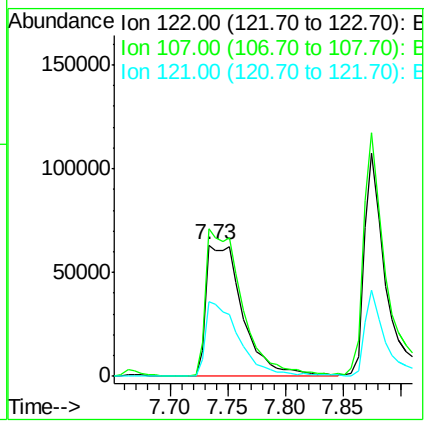




#27
2,4-Dimethylphenol
Concen: 17.857 ng
RT: 7.73 min Scan# 960
Delta R.T. -0.00 min
Lab File: BF101716.D
Acq: 26 Dec 2017 15:33

Tgt Ion:122 Resp: 140750

Ion	Ratio	Lower	Upper
122	100		
107	112.4	91.2	136.8
121	56.5	47.2	70.8



Instrument :
BNA_F
ClientSampleId :
WC-9974103-01DL

Manual Integrations APPROVED
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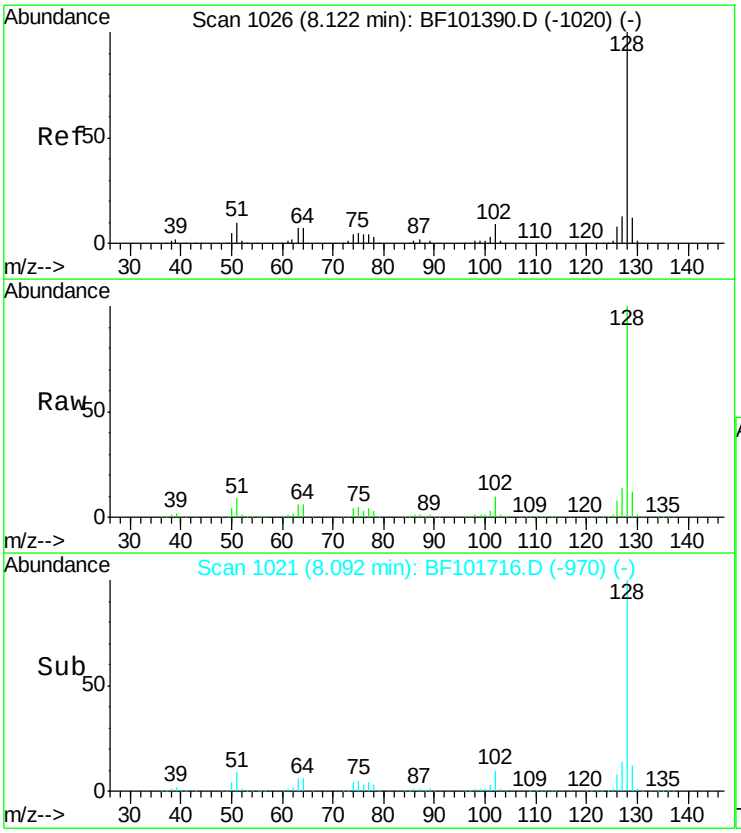
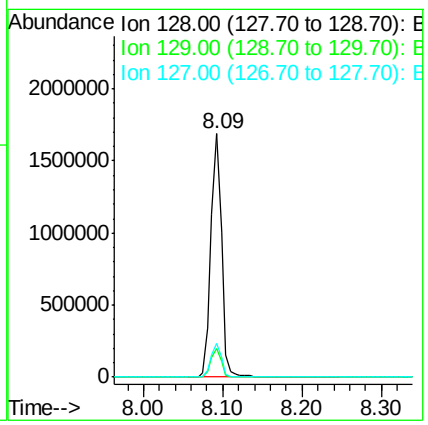
12/27/2017 4:14:40 PM

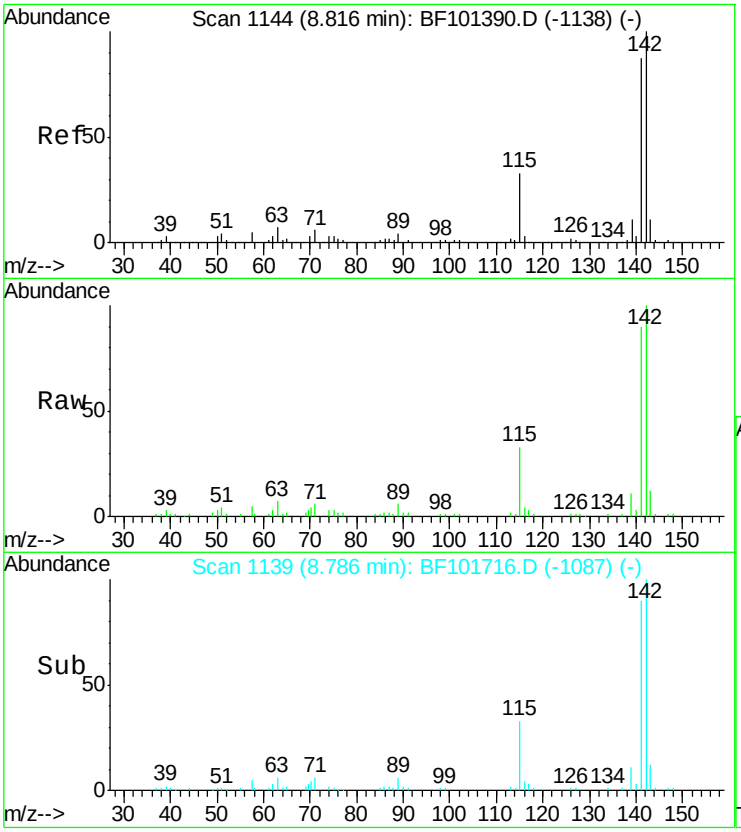


#31
Naphthalene
Concen: 57.765 ng
RT: 8.09 min Scan# 1021
Delta R.T. -0.00 min
Lab File: BF101716.D
Acq: 26 Dec 2017 15:33

Tgt Ion:128 Resp: 1579582

Ion	Ratio	Lower	Upper
128	100		
129	11.6	8.8	13.2
127	13.9	10.9	16.3

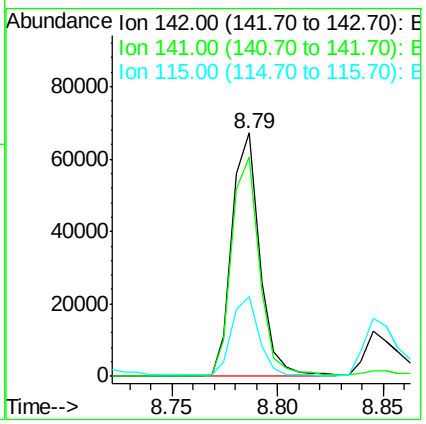




#37
2-Methylnaphthalene
Concen: 3.436 ng
RT: 8.79 min Scan# 1139
Delta R.T. 0.01 min
Lab File: BF101716.D
Acq: 26 Dec 2017 15:33

Tgt Ion:142 Resp: 61213

Ion	Ratio	Lower	Upper
142	100		
141	90.2	70.8	106.2
115	32.6	26.1	39.1



Instrument :
BNA_F
ClientSampleId :
WC-9974103-01DL

Manual Integrations APPROVED
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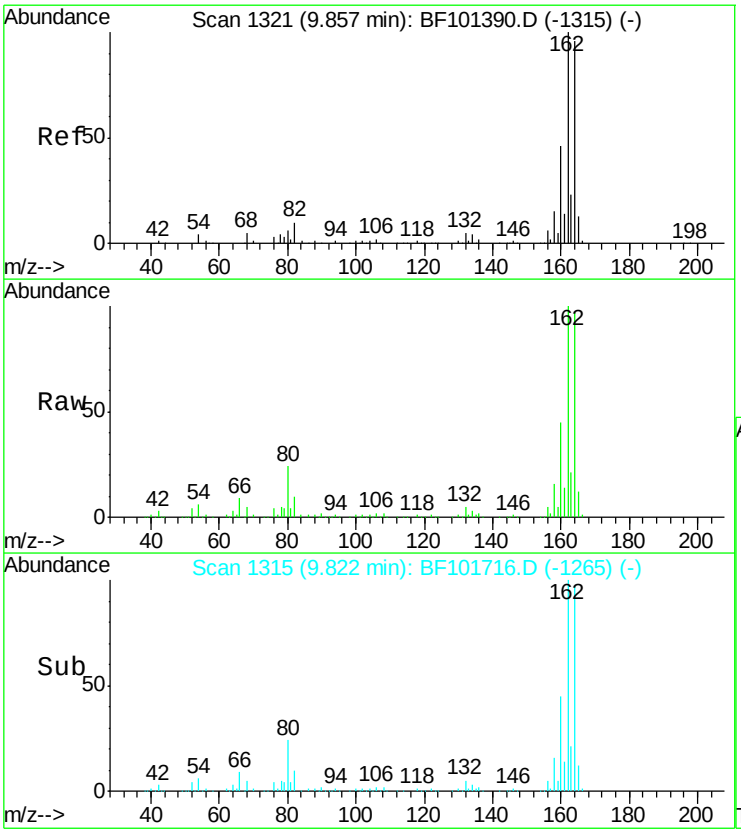
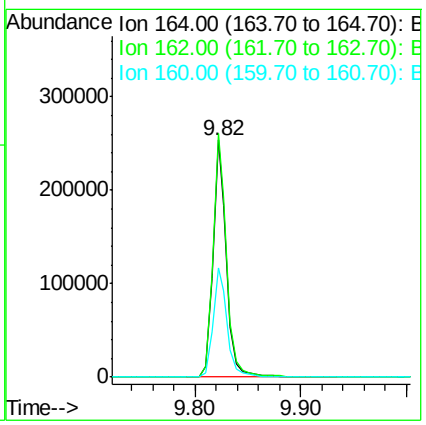
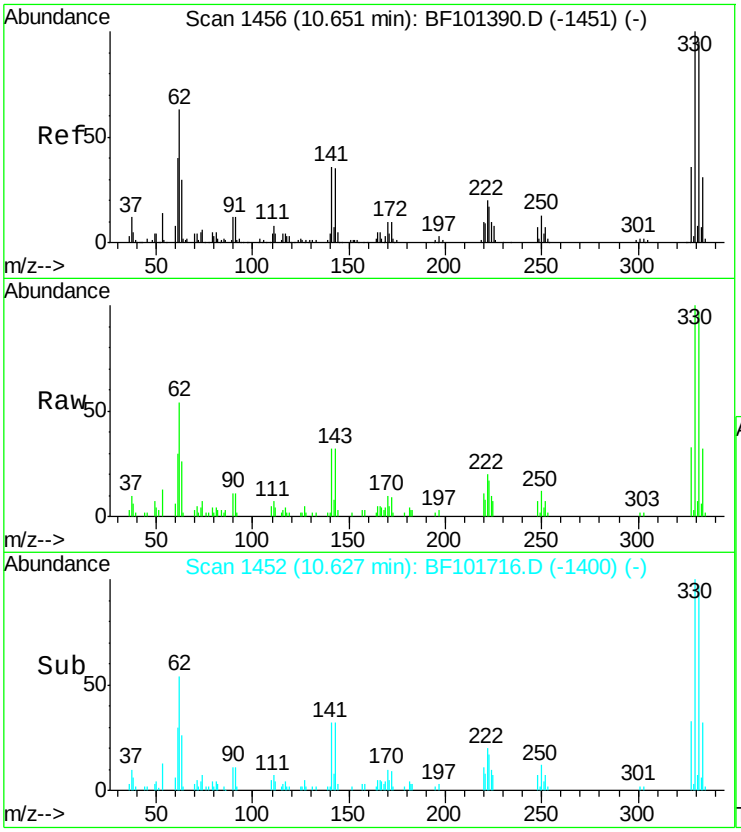


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.82 min Scan# 1315
Delta R.T. -0.01 min
Lab File: BF101716.D
Acq: 26 Dec 2017 15:33

Tgt Ion:164 Resp: 227849

Ion	Ratio	Lower	Upper
164	100		
162	102.9	86.1	129.1
160	46.0	38.3	57.5

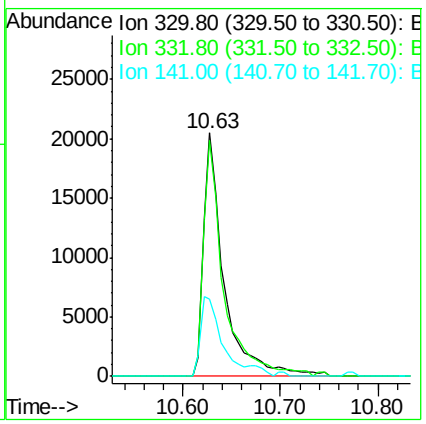




#41
2,4,6-Tribromophenol
Concen: 13.605 ng
RT: 10.63 min Scan# 1452
Delta R.T. 0.01 min
Lab File: BF101716.D
Acq: 26 Dec 2017 15:33

Tgt Ion:330 Resp: 29870

Ion	Ratio	Lower	Upper
330	100		
332	96.1	77.0	115.6
141	36.0	29.9	44.9



Instrument :
BNA_F
ClientSampleId :
WC-9974103-01DL

Manual Integrations APPROVED
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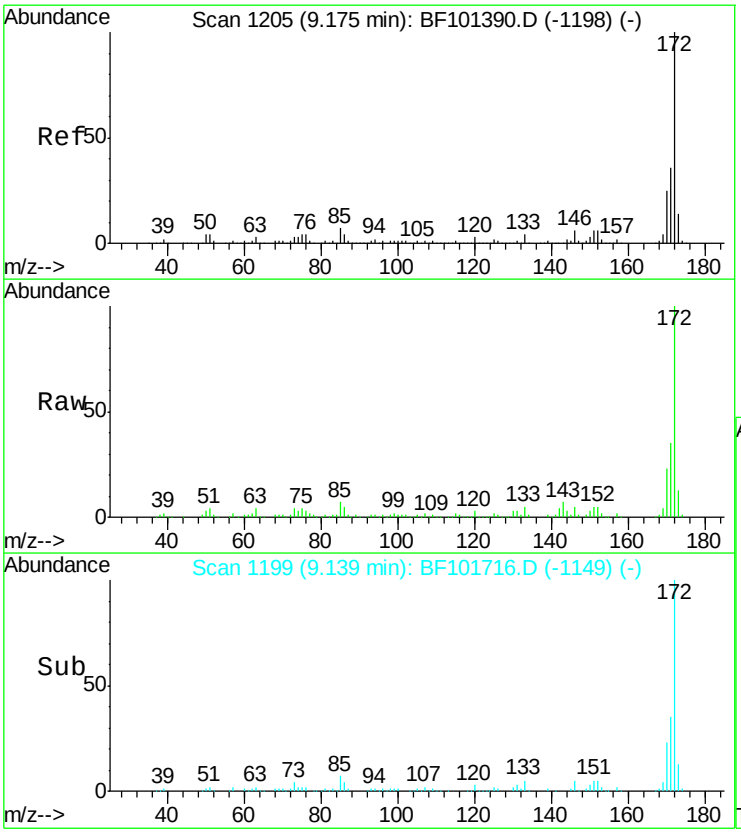
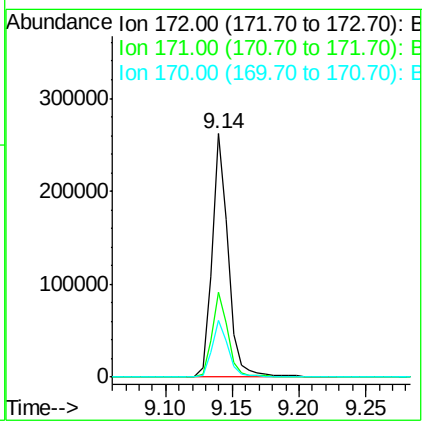
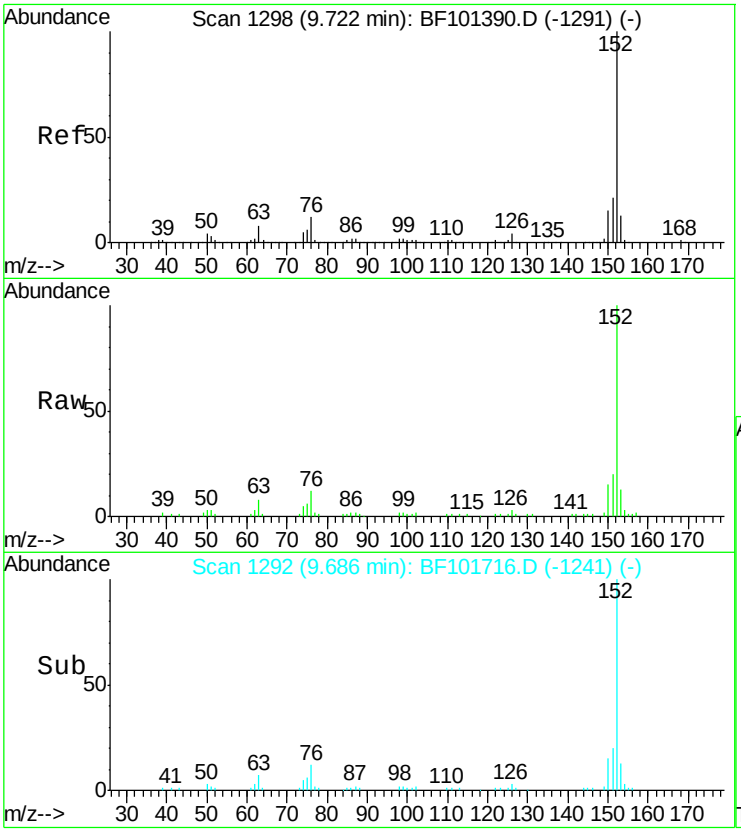


#44
2-Fluorobiphenyl
Concen: 15.218 ng
RT: 9.14 min Scan# 1199
Delta R.T. -0.01 min
Lab File: BF101716.D
Acq: 26 Dec 2017 15:33

Tgt Ion:172 Resp: 223518

Ion	Ratio	Lower	Upper
172	100		
171	34.9	29.7	44.5
170	23.2	19.6	29.4

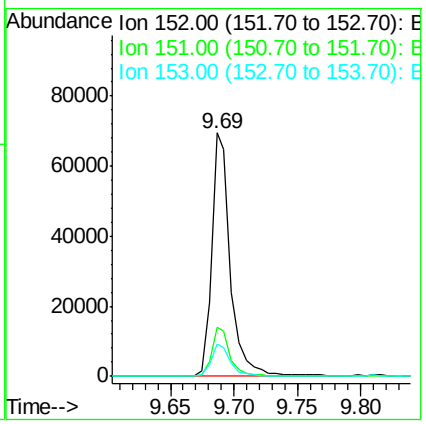




#48
Acenaphthylene
Concen: 2.951 ng
RT: 9.69 min Scan# 1292
Delta R.T. -0.00 min
Lab File: BF101716.D
Acq: 26 Dec 2017 15:33

Tgt Ion:152 Resp: 72060

Ion	Ratio	Lower	Upper
152	100		
151	20.1	16.3	24.5
153	13.2	10.7	16.1



Instrument :
BNA_F
ClientSampleId :
WC-9974103-01DL

Manual Integrations APPROVED
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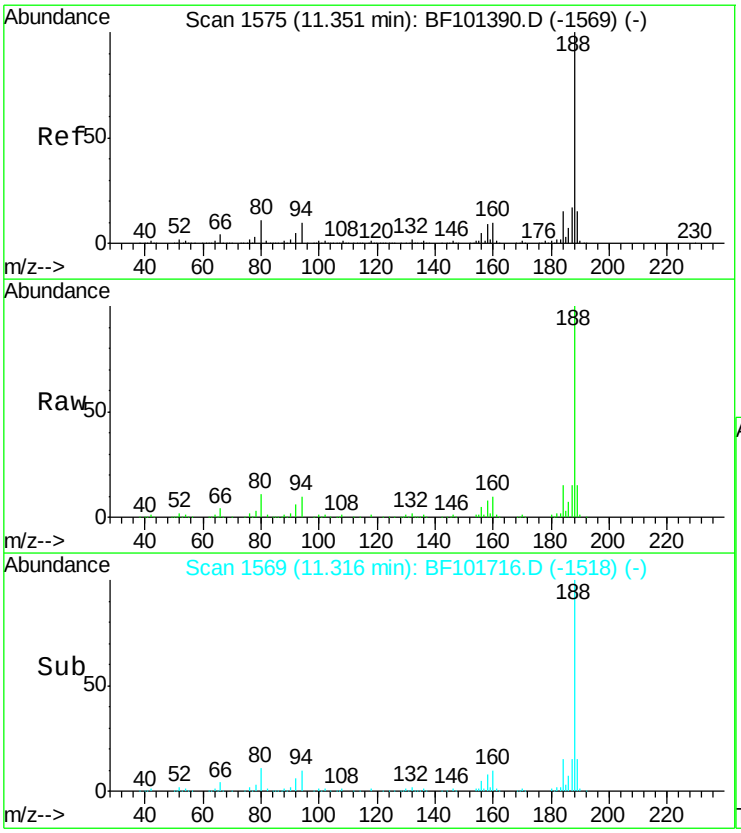
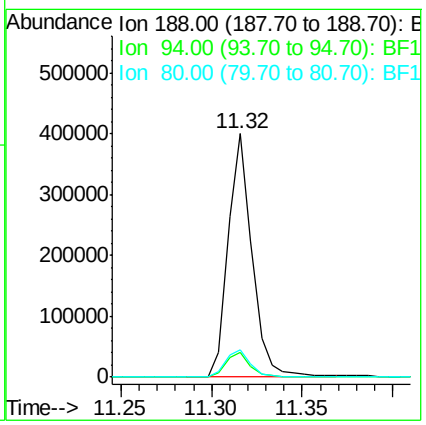
12/27/2017 4:14:40 PM

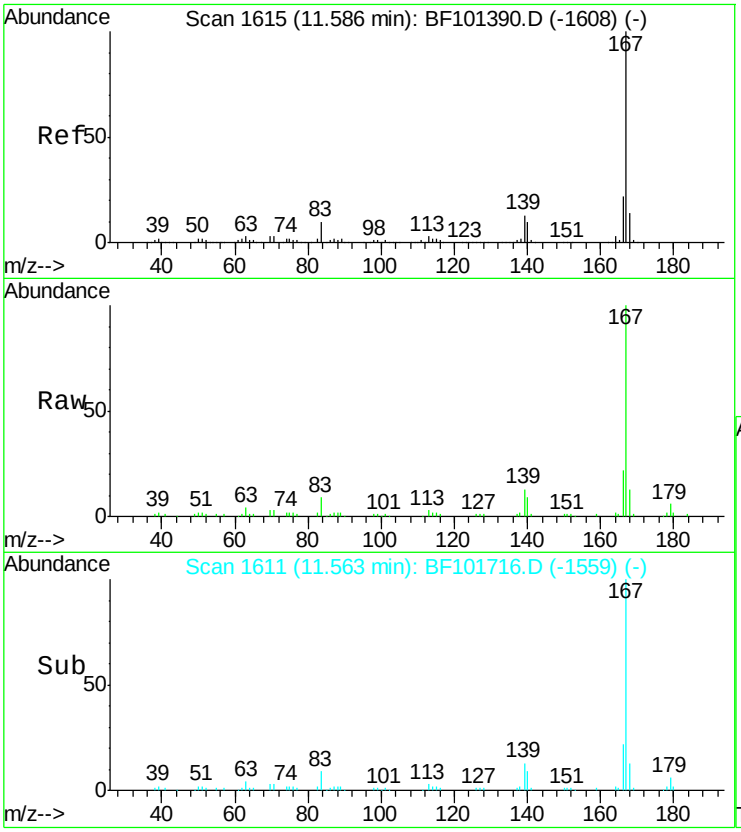


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1569
Delta R.T. -0.00 min
Lab File: BF101716.D
Acq: 26 Dec 2017 15:33

Tgt Ion:188 Resp: 366995

Ion	Ratio	Lower	Upper
188	100		
94	10.1	8.5	12.7
80	11.3	9.2	13.8

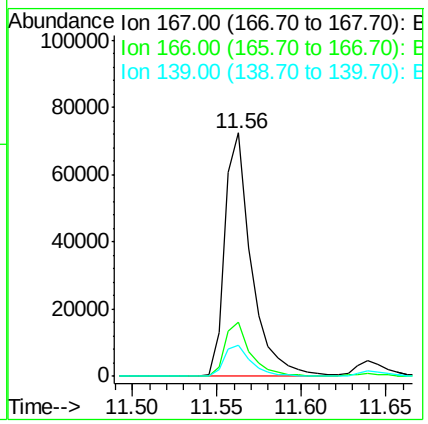




#72
Carbazole
Concen: 4.073 ng
RT: 11.56 min Scan# 1611
Delta R.T. 0.01 min
Lab File: BF101716.D
Acq: 26 Dec 2017 15:33

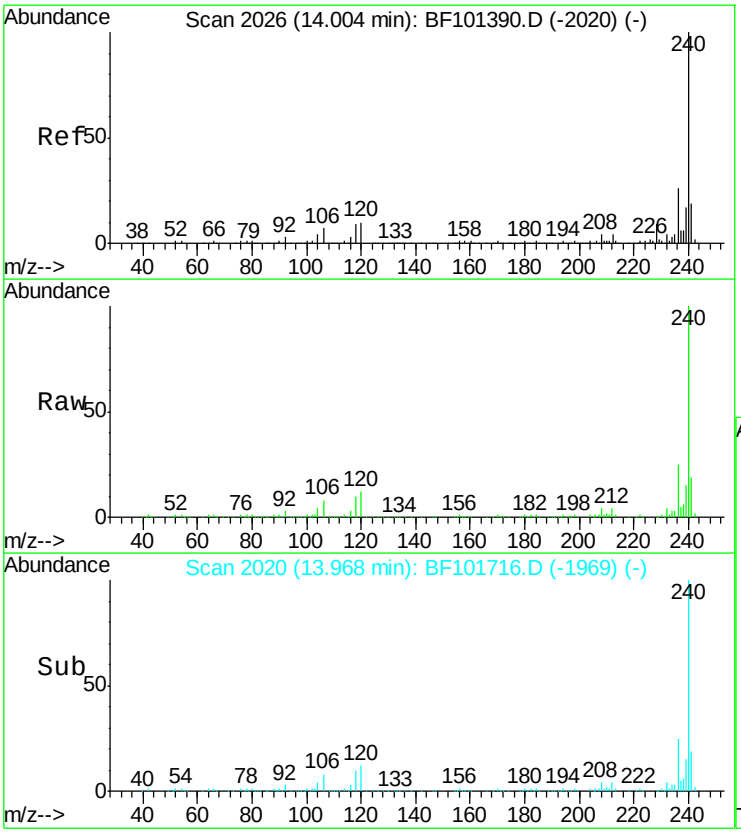
Tgt Ion:167 Resp: 79500

Ion	Ratio	Lower	Upper
167	100		
166	22.1	17.6	26.4
139	12.7	10.9	16.3



Instrument :
BNA_F
ClientSampleId :
WC-9974103-01DL

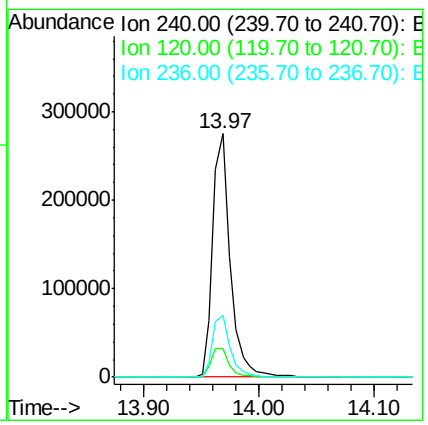
Manual Integrations APPROVED
Sohil
12/27/2017 4:14:40 PM

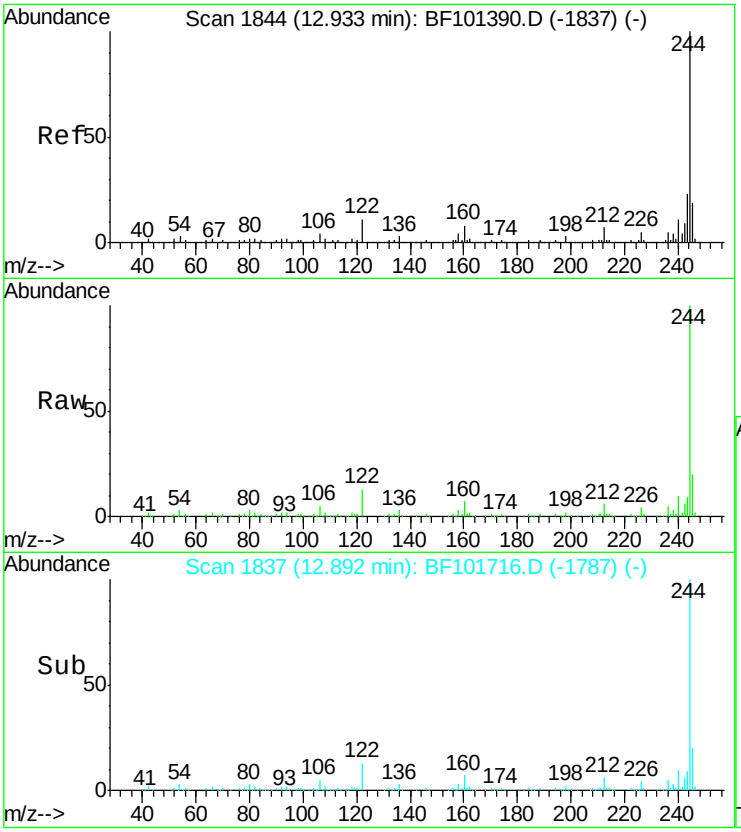


#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2020
Delta R.T. -0.00 min
Lab File: BF101716.D
Acq: 26 Dec 2017 15:33

Tgt Ion:240 Resp: 290742

Ion	Ratio	Lower	Upper
240	100		
120	11.6	9.5	14.3
236	25.3	20.7	31.1

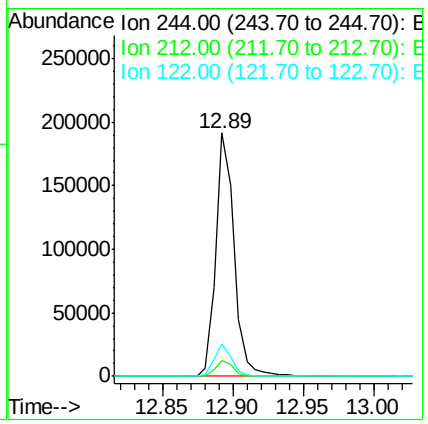




#78
Terphenyl-d14
Concen: 14.354 ng
RT: 12.89 min Scan# 1837
Delta R.T. -0.01 min
Lab File: BF101716.D
Acq: 26 Dec 2017 15:33

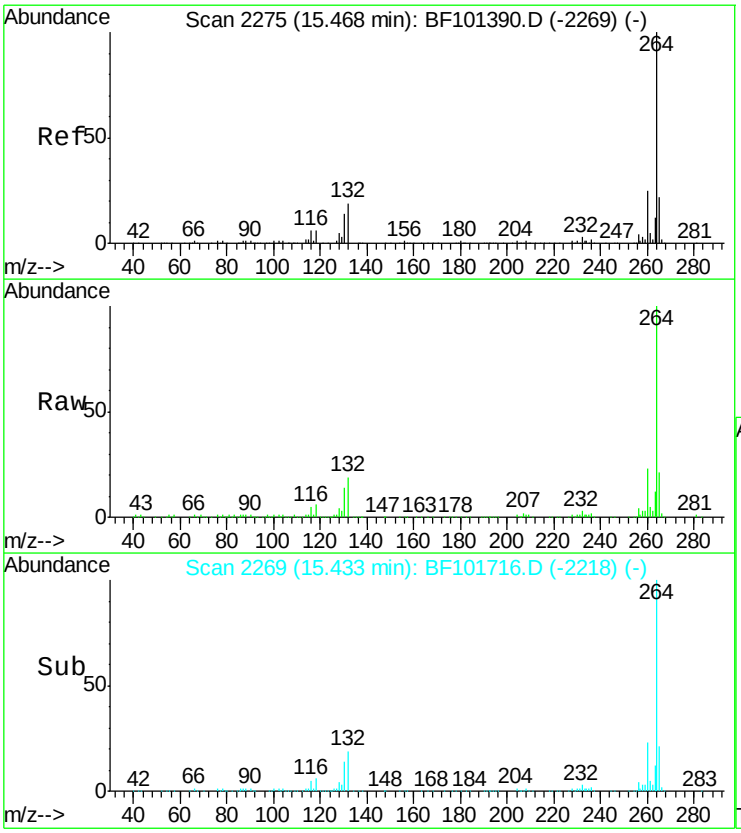
Tgt Ion:244 Resp: 173108

Ion	Ratio	Lower	Upper
244	100		
212	6.4	5.4	8.0
122	13.3	11.0	16.4



Instrument :
BNA_F
ClientSampleId :
WC-9974103-01DL

Manual Integrations APPROVED
Sohil
12/27/2017 4:14:40 PM



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.43 min Scan# 2269
Delta R.T. -0.00 min
Lab File: BF101716.D
Acq: 26 Dec 2017 15:33

Tgt Ion:264 Resp: 286524

Ion	Ratio	Lower	Upper
264	100		
260	22.9	19.2	28.8
265	20.7	17.5	26.3