Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122617\
Data File : BF101709.D
Acq On : 26 Dec 2017 12:24
Operator : SJ/JU
Sample : I6835-03DL 5X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WC-4539-02DL

Quant Time: Dec 26 13:05:13 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	152453	20.00	ng		0.00
21) Naphthalene-d8	8.07	136	601079	20.00	ng		0.00
38) Acenaphthene-d10	9.82	164	290918	20.00	ng		0.00
63) Phenanthrene-d10	11.32	188	578441	20.00	ng		0.00
75) Chrysene-d12	13.96	240	529436	20.00	ng		0.00
86) Perylene-d12	15.43	264	464504	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.42	112	292578	28.59	ng		0.01
7) Phenol-d6	6.43	99	350295	27.50	ng		0.00
23) Nitrobenzene-d5	7.36	82	249567	23.11	ng		0.00
41) 2,4,6-Tribromophenol	10.62	330	100756	35.94	ng		0.00
44) 2-Fluorobiphenyl	9.14	172	483530	25.78	ng		0.00
78) Terphenyl-d14	12.89	244	576757	26.26	ng		0.00
Target Compounds							Qvalue
10) Phenol	6.45	94	331979	22.867	ng		99
17) 2-Methylphenol	7.05	107	162007	16.359	ng		99
18) Hexachloroethane	7.22	117	26787	6.209	ng	#	2
19) n-Nitroso-di-n-propylamine	7.36	70	31807	3.802	ng	#	84
20) 3+4-Methylphenols	7.21	107	403200	38.421	ng		84
25) Isophorone	7.36	82	249567	11.521	ng	#	64
27) 2,4-Dimethylphenol	7.73	122	160881	18.445	ng		99
31) Naphthalene	8.09	128	2508960	82.912	ng		98
32) Benzoic acid	7.87	122	147467	28.891	ng	#	14
33) 4-Chloroaniline	8.09	127	347144	26.394	ng	#	33
37) 2-Methylnaphthalene	8.79	142	117657	5.968	ng		99
48) Acenaphthylene	9.69	152	185749	5.957	ng		99
50) 2,6-Dinitrotoluene	9.82	165	37605	7.907	ng	#	26
54) Dibenzofuran	10.03	168	75686	3.179	ng		98
55) 4-Nitrophenol	10.03	139	27865	10.777	ng	#	10
56) 2,4-Dinitrotoluene	9.82	165	37605	7.018	ng	#	24
57) Fluorene	10.37	166	71621	3.556	ng		97
70) Phenanthrene	11.34	178	95078	2.956	ng		98
71) Anthracene	11.34	178	95078	2.894	ng		98
72) Carbazole	11.56	167	234964	7.638	ng		98

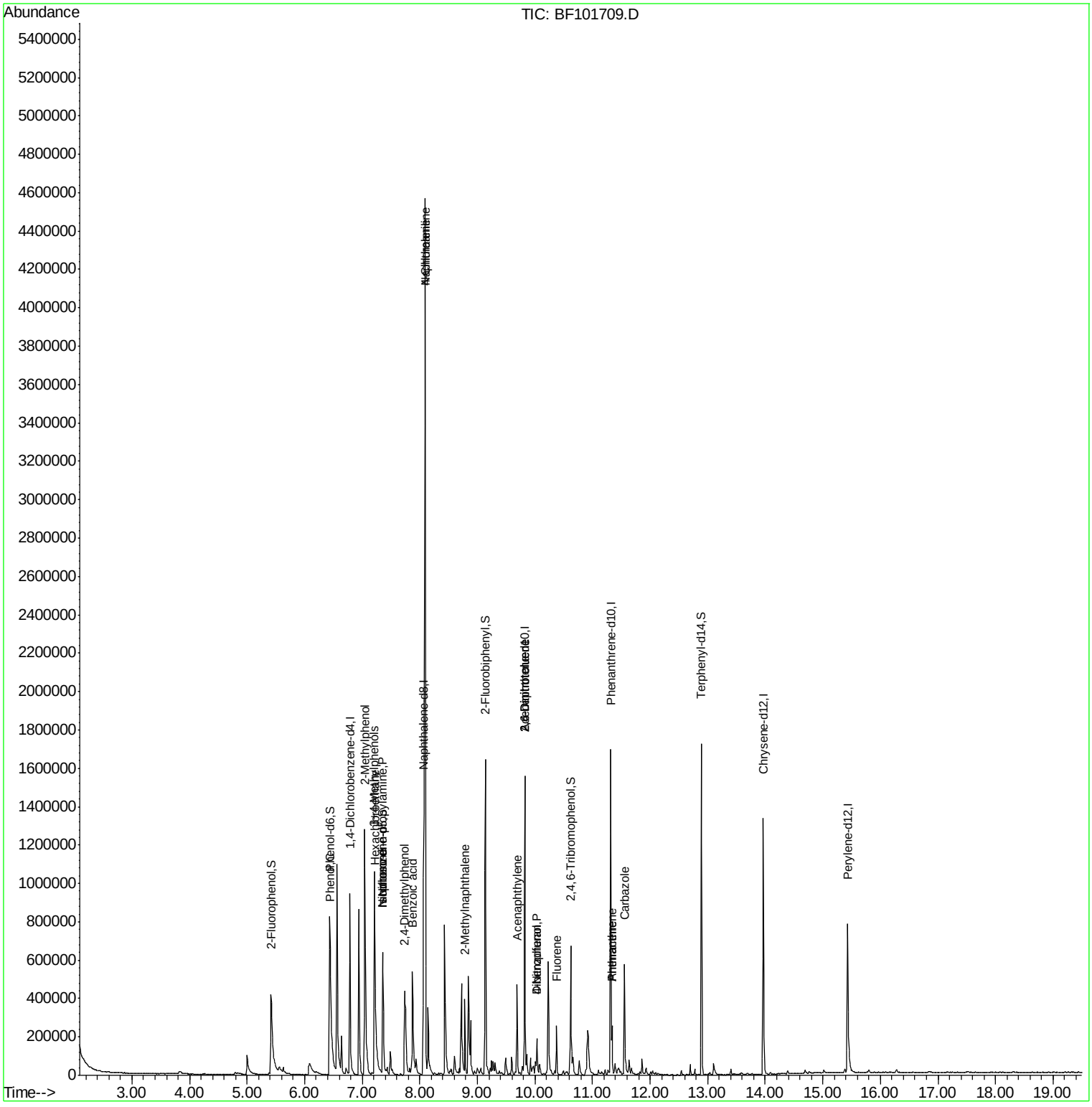
(#) = qualifier out of range (m) = manual integration (+) = signals summed

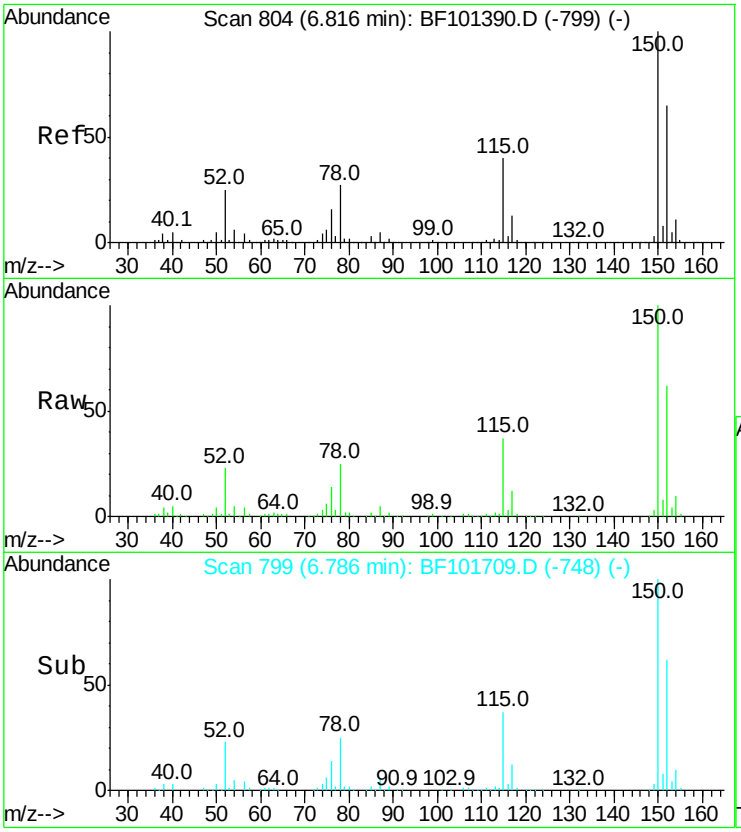
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122617\
Data File : BF101709.D
Acq On : 26 Dec 2017 12:24
Operator : SJ/JU
Sample : I6835-03DL 5X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-4539-02DL

Quant Time: Dec 26 13:05:13 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



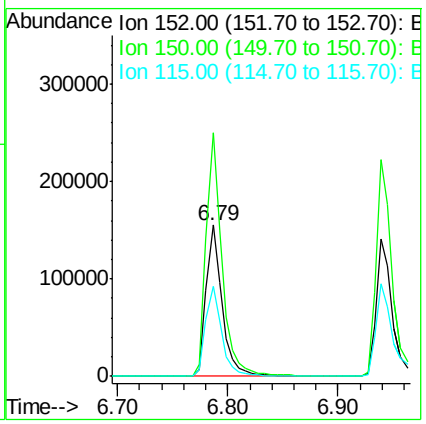


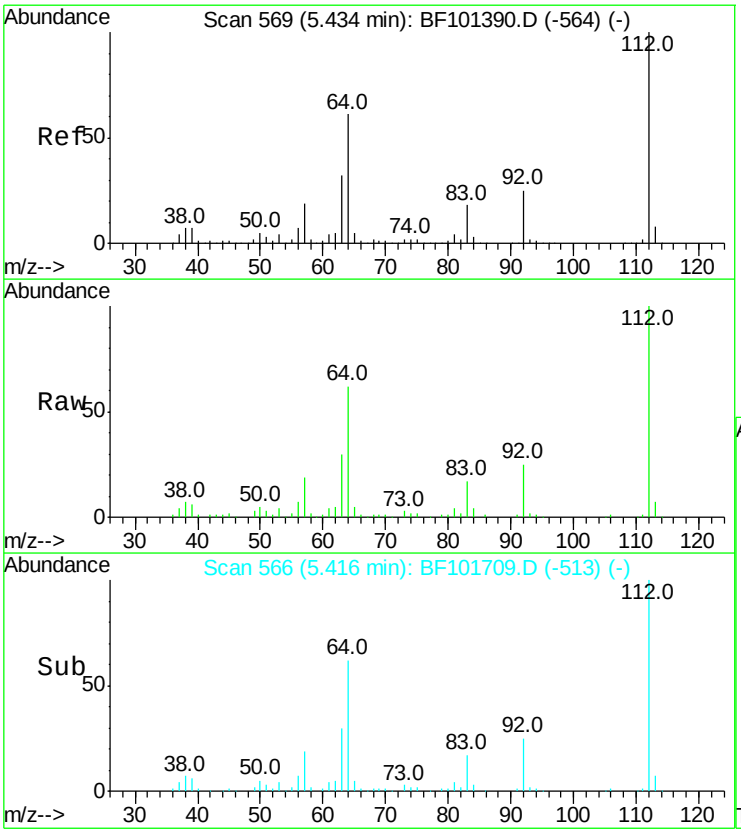
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 799
Delta R.T. -0.00 min
Lab File: BF101709.D
Acq: 26 Dec 2017 12:24

Instrument :
BNA_F
ClientSampleId :
WC-4539-02DL

Tgt Ion:152 Resp: 152453

Ion	Ratio	Lower	Upper
152	100		
150	160.8	124.6	186.8
115	59.8	50.1	75.1

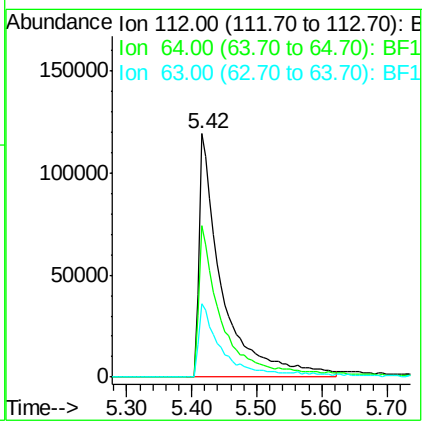


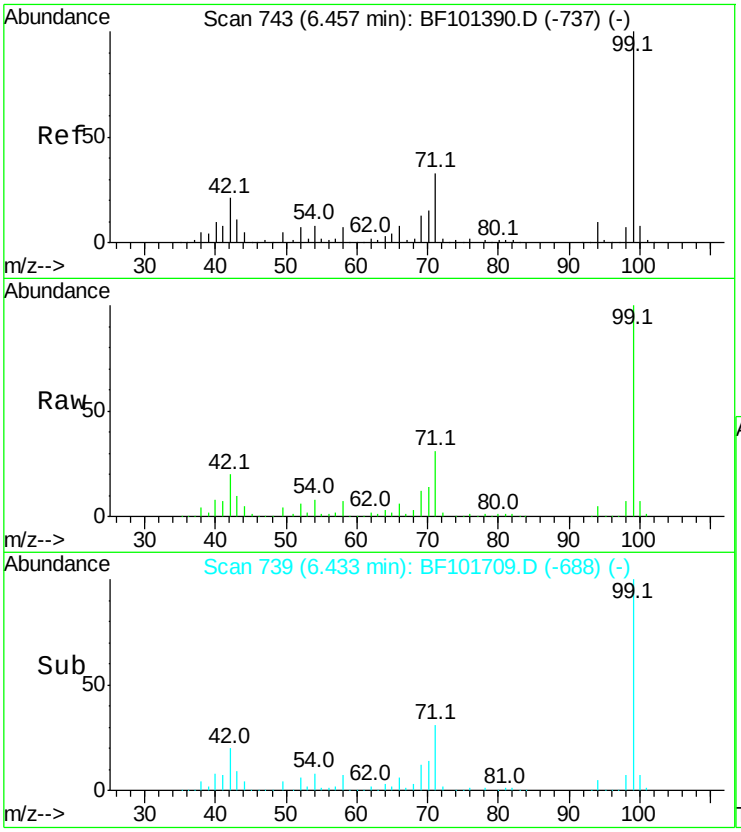


#5
2-Fluorophenol
Concen: 28.587 ng
RT: 5.42 min Scan# 566
Delta R.T. 0.01 min
Lab File: BF101709.D
Acq: 26 Dec 2017 12:24

Tgt Ion:112 Resp: 292578

Ion	Ratio	Lower	Upper
112	100		
64	62.2	47.9	71.9
63	30.2	23.7	35.5



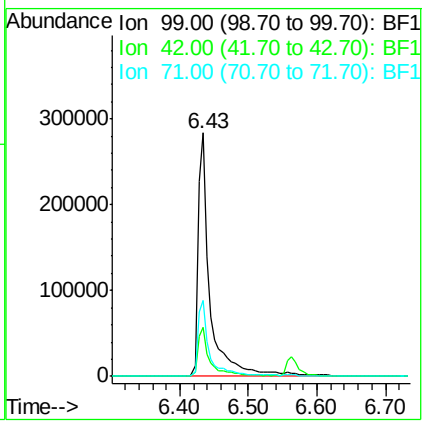


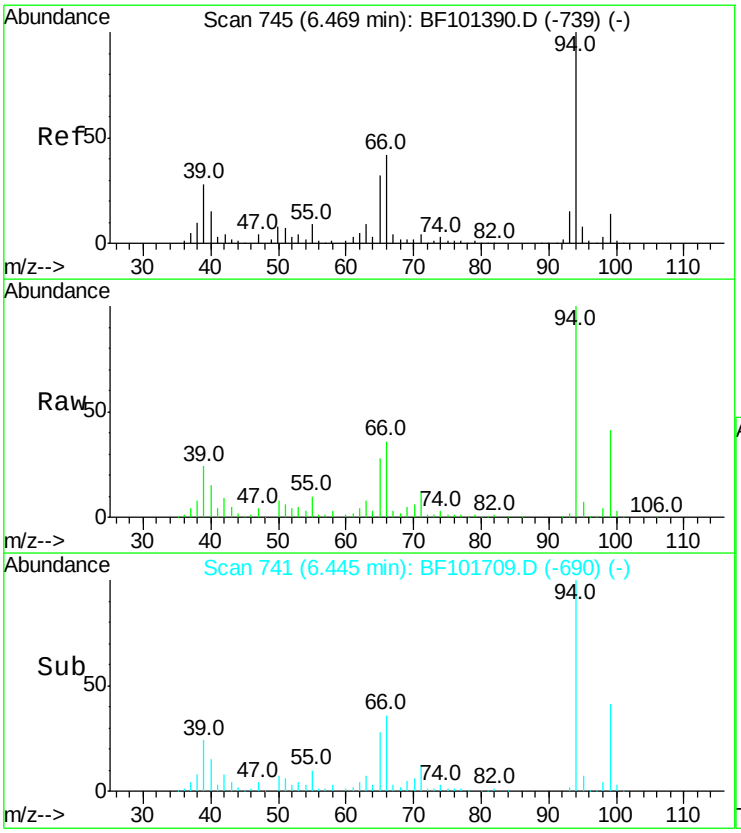
#7
Phenol-d6
Concen: 27.501 ng
RT: 6.43 min Scan# 739
Delta R.T. -0.00 min
Lab File: BF101709.D
Acq: 26 Dec 2017 12:24

Instrument :
BNA_F
ClientSampleId :
WC-4539-02DL

Tgt Ion: 99 Resp: 350295

Ion	Ratio	Lower	Upper
99	100		
42	20.0	14.5	21.7
71	31.1	25.4	38.0

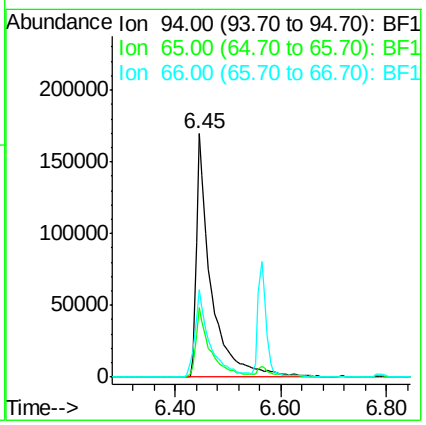


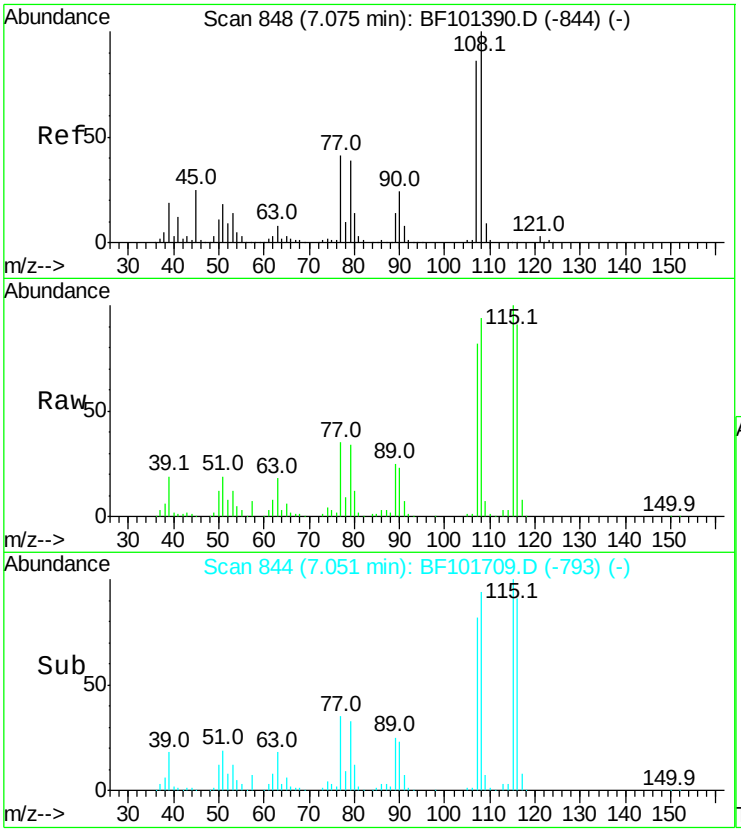


#10
Phenol
Concen: 22.867 ng
RT: 6.45 min Scan# 741
Delta R.T. -0.00 min
Lab File: BF101709.D
Acq: 26 Dec 2017 12:24

Tgt Ion: 94 Resp: 331979

Ion	Ratio	Lower	Upper
94	100		
65	28.5	7.9	47.9
66	35.8	16.2	56.2



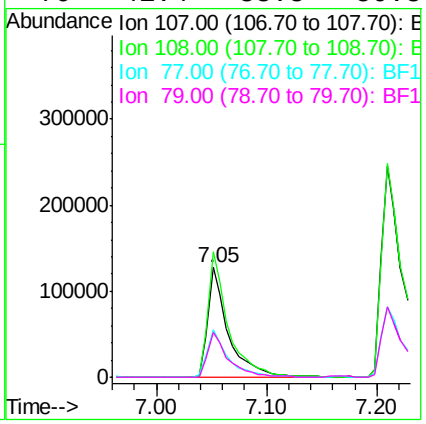


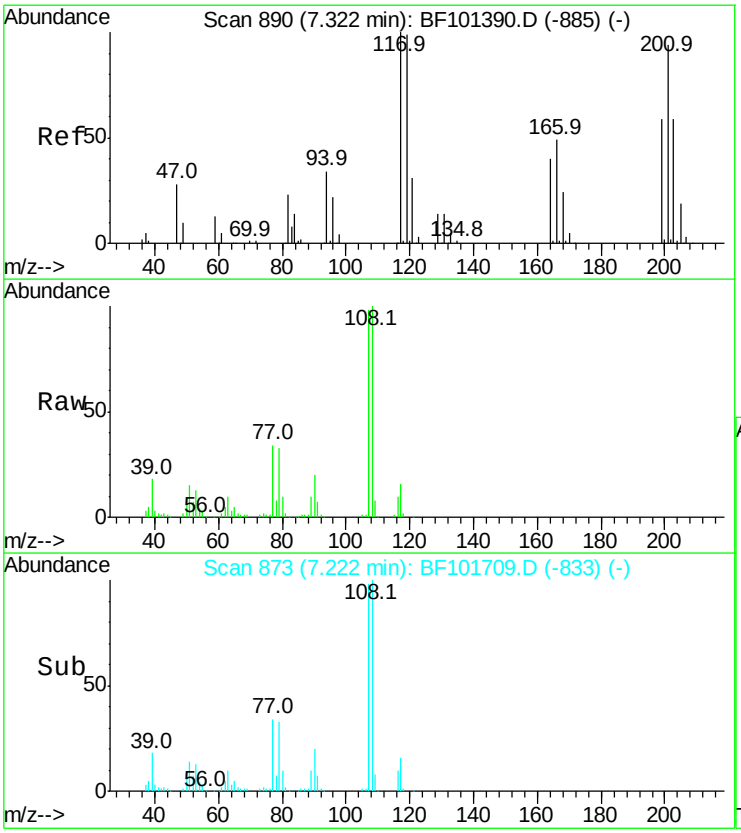
#17
2-Methylphenol
Concen: 16.359 ng
RT: 7.05 min Scan# 844
Delta R.T. -0.00 min
Lab File: BF101709.D
Acq: 26 Dec 2017 12:24

Instrument :
BNA_F
ClientSampleId :
WC-4539-02DL

Tgt Ion:107 Resp: 162007

Ion	Ratio	Lower	Upper
107	100		
108	114.4	91.7	137.5
77	43.1	33.8	50.8
79	41.4	33.8	50.8

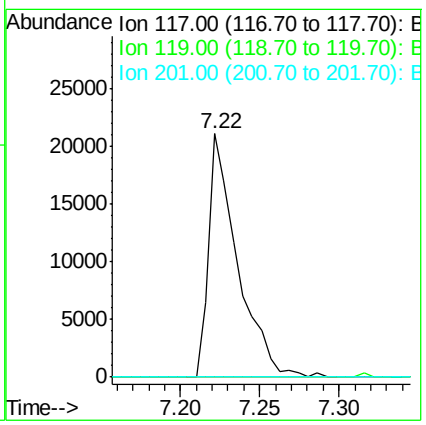


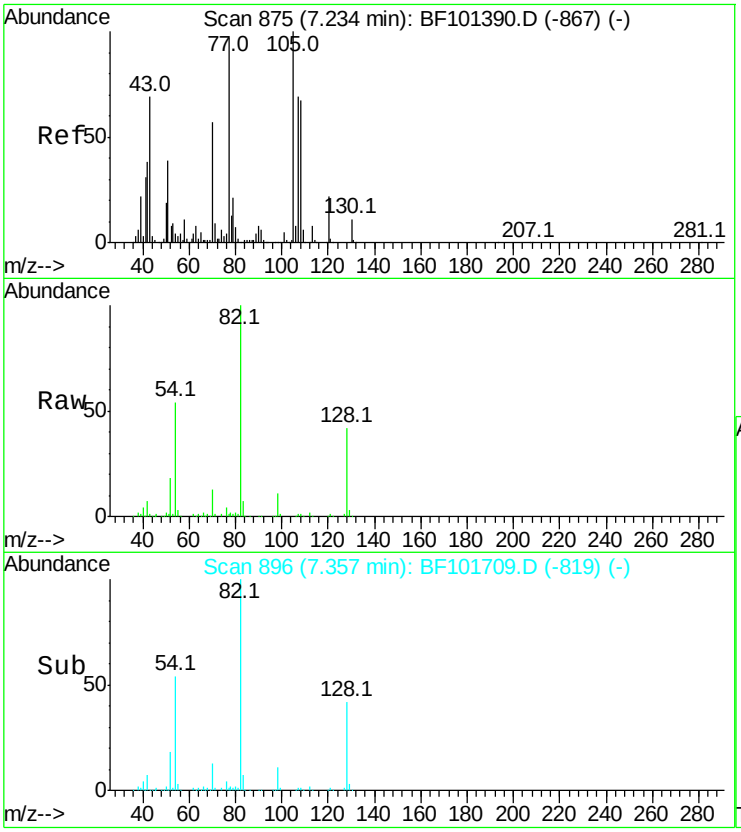


#18
Hexachloroethane
Concen: 6.209 ng
RT: 7.22 min Scan# 873
Delta R.T. -0.06 min
Lab File: BF101709.D
Acq: 26 Dec 2017 12:24

Tgt Ion:117 Resp: 26787

Ion	Ratio	Lower	Upper
117	100		
119	0.0	75.8	113.8#
201	0.0	75.7	113.5#



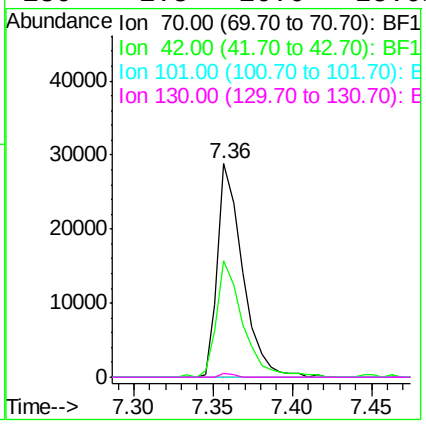


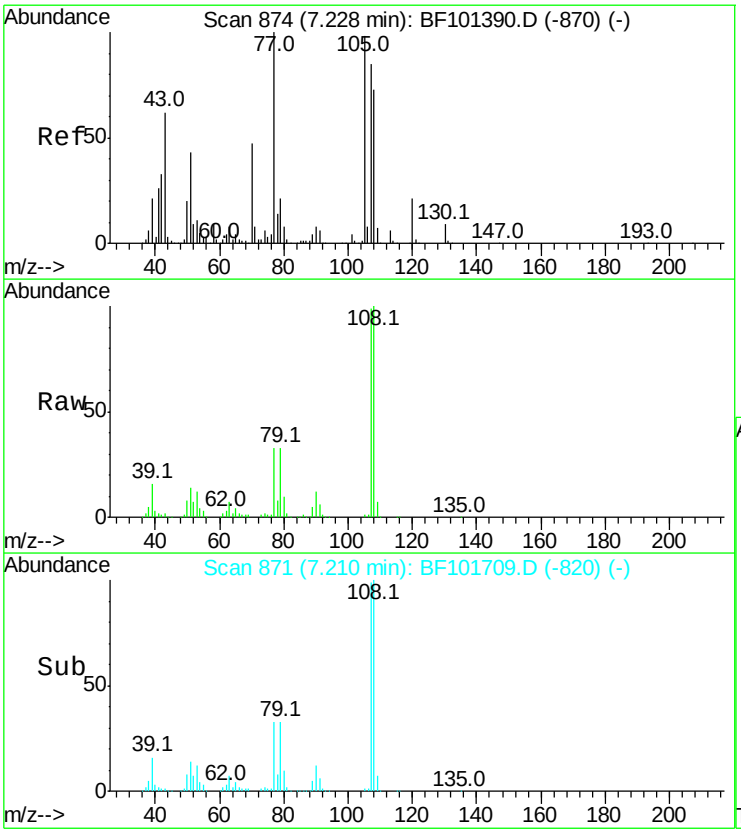
#19
n-Nitroso-di-n-propylamine
Concen: 3.802 ng
RT: 7.36 min Scan# 896
Delta R.T. 0.15 min
Lab File: BF101709.D
Acq: 26 Dec 2017 12:24

Instrument :
BNA_F
ClientSampleId :
WC-4539-02DL

Tgt Ion: 70 Resp: 31807

Ion	Ratio	Lower	Upper
70	100		
42	54.5	47.5	71.3
101	0.0	7.4	11.2#
130	1.8	16.6	25.0#

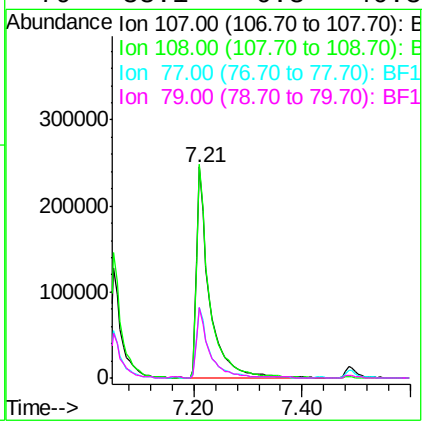


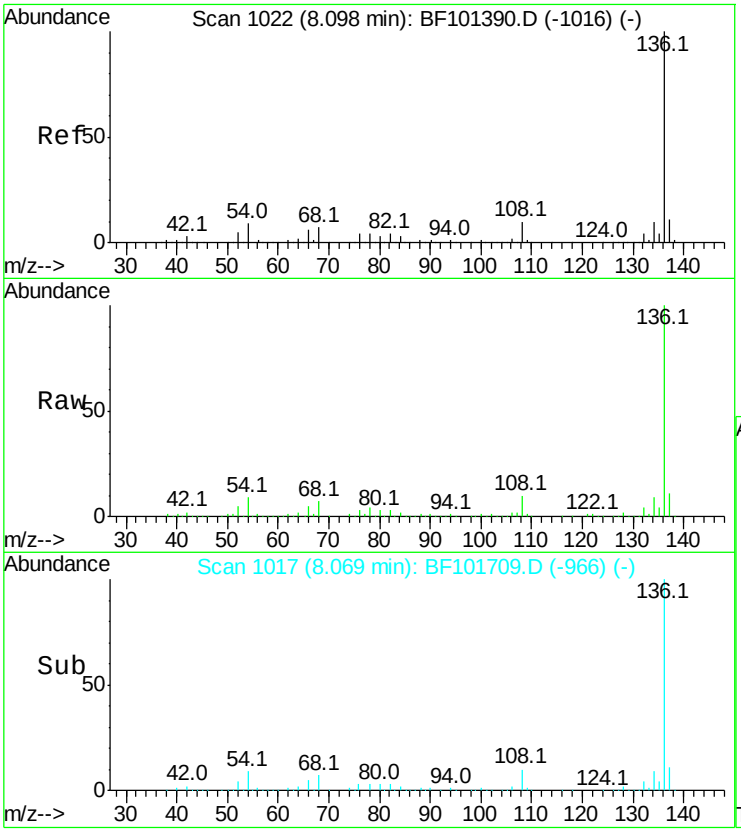


#20
3+4-Methylphenols
Concen: 38.421 ng
RT: 7.21 min Scan# 871
Delta R.T. -0.00 min
Lab File: BF101709.D
Acq: 26 Dec 2017 12:24

Tgt Ion:107 Resp: 403200

Ion	Ratio	Lower	Upper
107	100		
108	101.3	68.2	108.2
77	33.2	26.7	66.7
79	33.1	6.3	46.3



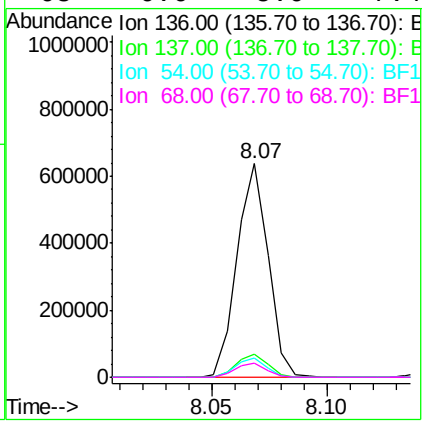


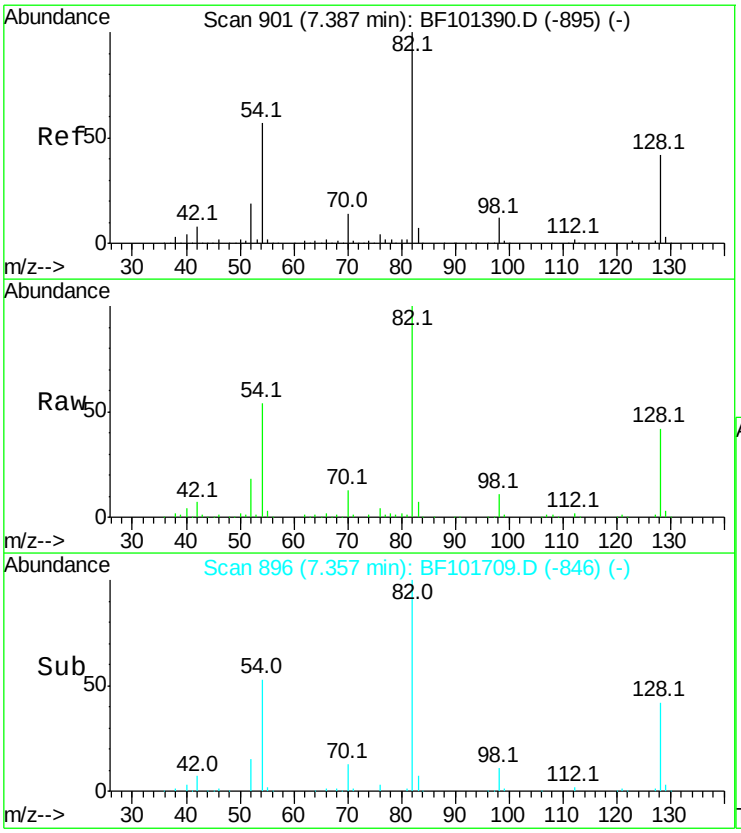
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1017
Delta R.T. -0.00 min
Lab File: BF101709.D
Acq: 26 Dec 2017 12:24

Instrument :
BNA_F
ClientSampleId :
WC-4539-02DL

Tgt Ion:136 Resp: 601079

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

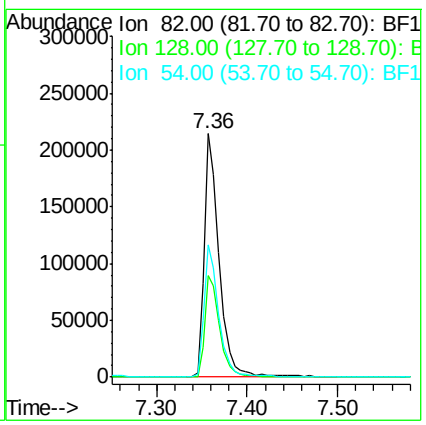


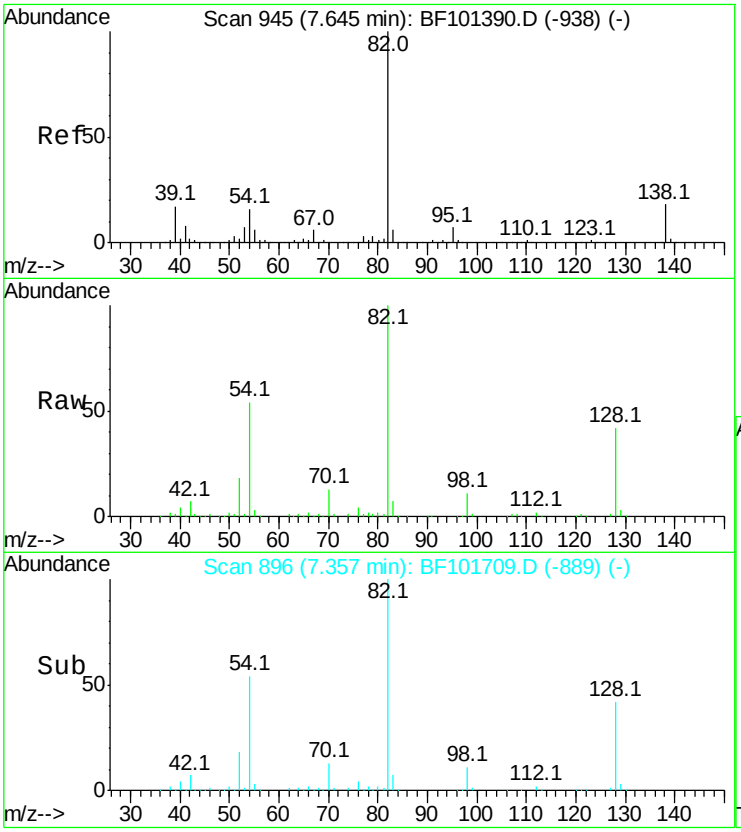


#23
Nitrobenzene-d5
Concen: 23.112 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.01 min
Lab File: BF101709.D
Acq: 26 Dec 2017 12:24

Tgt Ion: 82 Resp: 249567

Ion	Ratio	Lower	Upper
82	100		
128	41.7	36.1	54.1
54	54.4	41.4	62.2



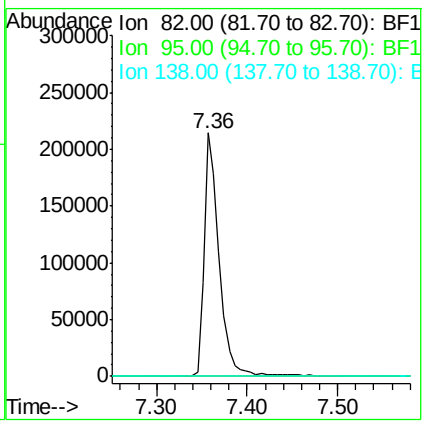


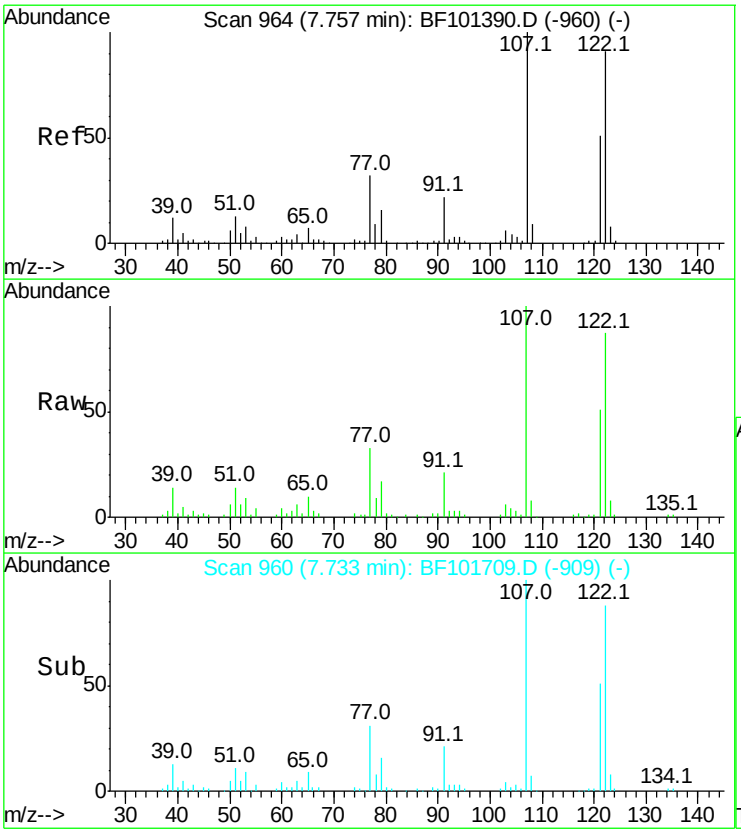
#25
Isophorone
Concen: 11.521 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.26 min
Lab File: BF101709.D
Acq: 26 Dec 2017 12:24

Instrument :
BNA_F
ClientSampleId :
WC-4539-02DL

Tgt Ion: 82 Resp: 249567

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.2	7.8#
138	0.0	14.9	22.3#

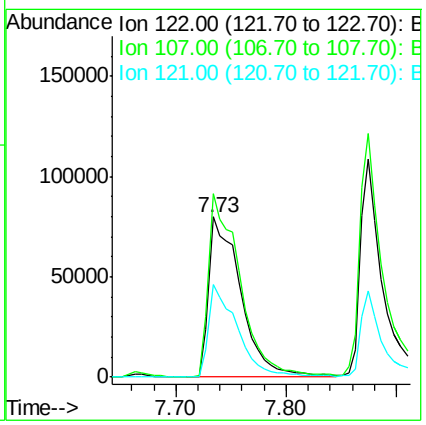


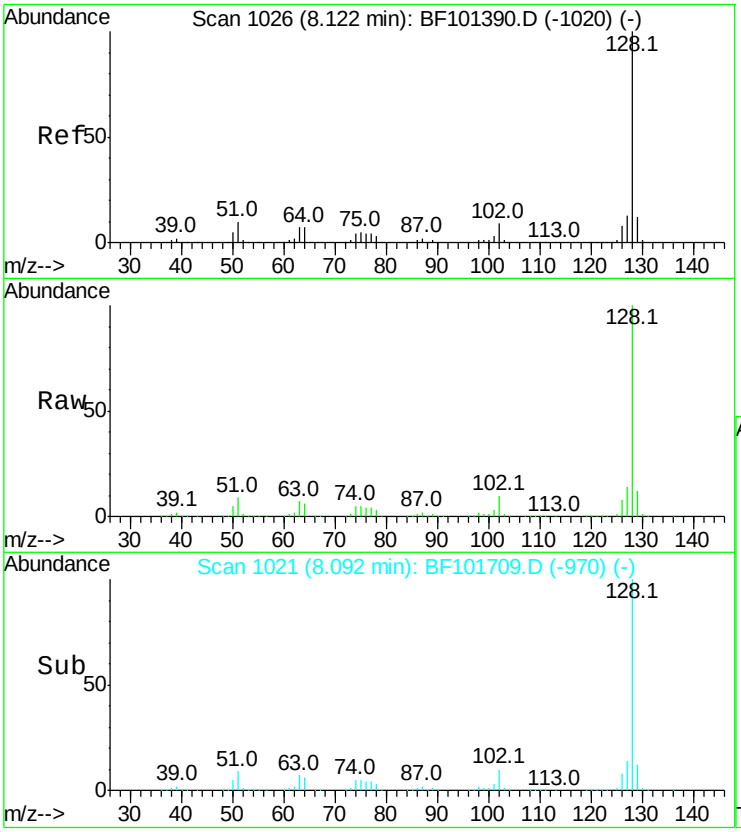


#27
2,4-Dimethylphenol
Concen: 18.445 ng
RT: 7.73 min Scan# 960
Delta R.T. -0.00 min
Lab File: BF101709.D
Acq: 26 Dec 2017 12:24

Tgt Ion:122 Resp: 160881

Ion	Ratio	Lower	Upper
122	100		
107	114.5	91.2	136.8
121	58.1	47.2	70.8



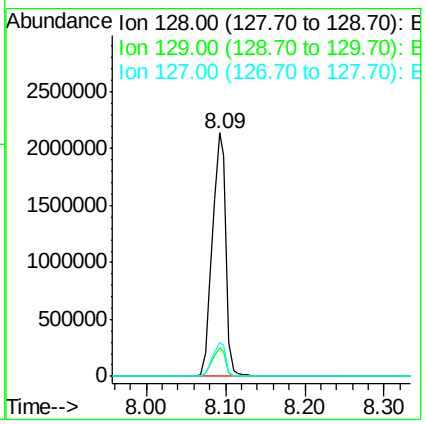


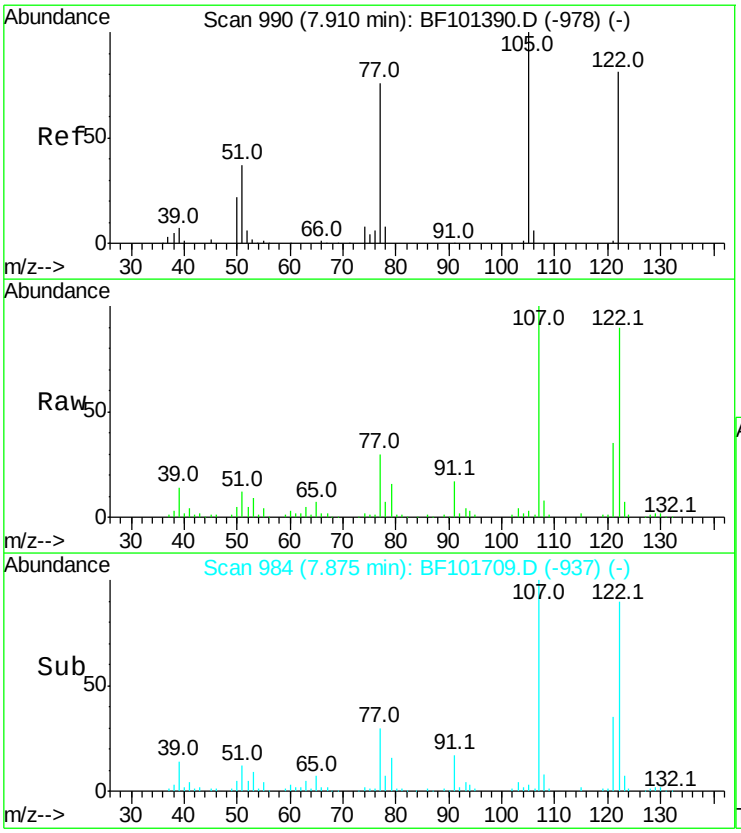
#31
Naphthalene
Concen: 82.912 ng
RT: 8.09 min Scan# 1021
Delta R.T. -0.00 min
Lab File: BF101709.D
Acq: 26 Dec 2017 12:24

Instrument :
BNA_F
ClientSampleId :
WC-4539-02DL

Tgt Ion:128 Resp: 2508960

Ion	Ratio	Lower	Upper
128	100		
129	11.8	8.8	13.2
127	14.1	10.9	16.3

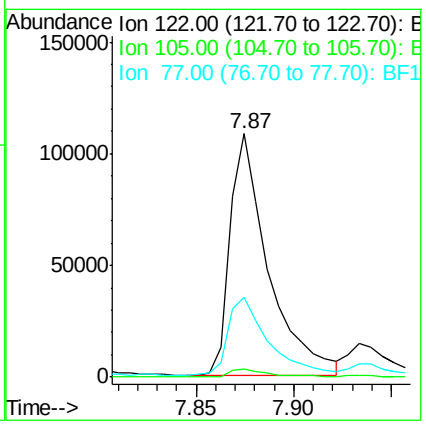


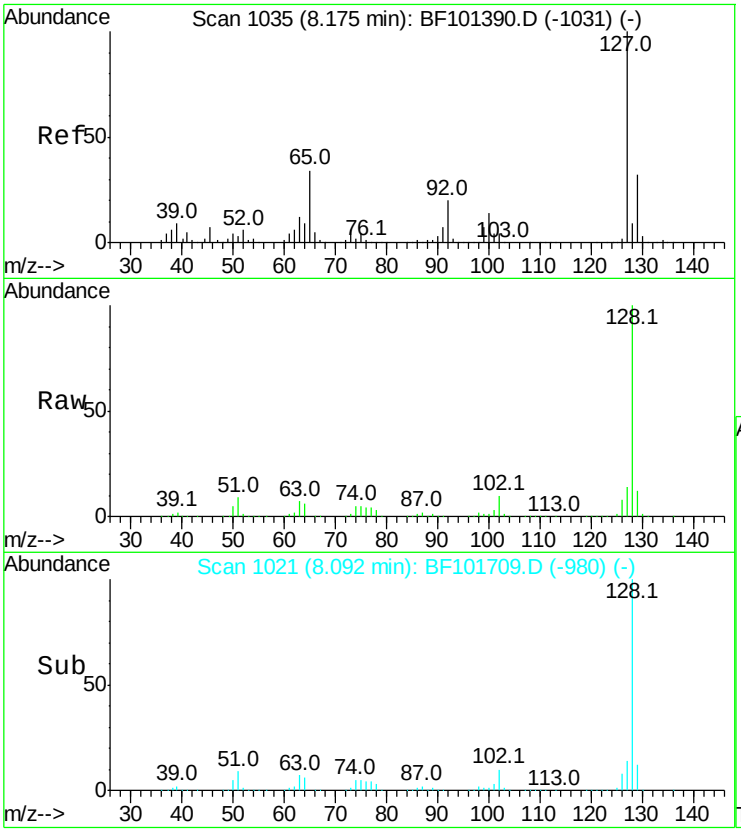


#32
Benzoic acid
Concen: 28.891 ng
RT: 7.87 min Scan# 984
Delta R.T. -0.02 min
Lab File: BF101709.D
Acq: 26 Dec 2017 12:24

Tgt Ion:122 Resp: 147467

Ion	Ratio	Lower	Upper
122	100		
105	3.4	101.1	141.1#
77	33.0	70.7	110.7#



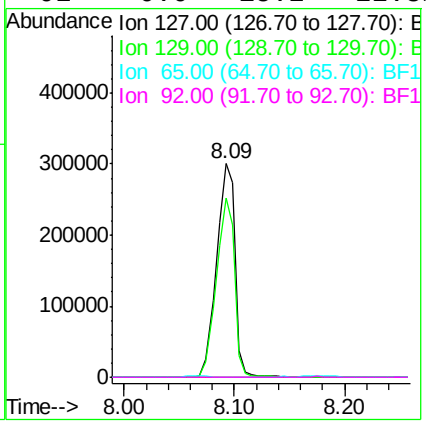


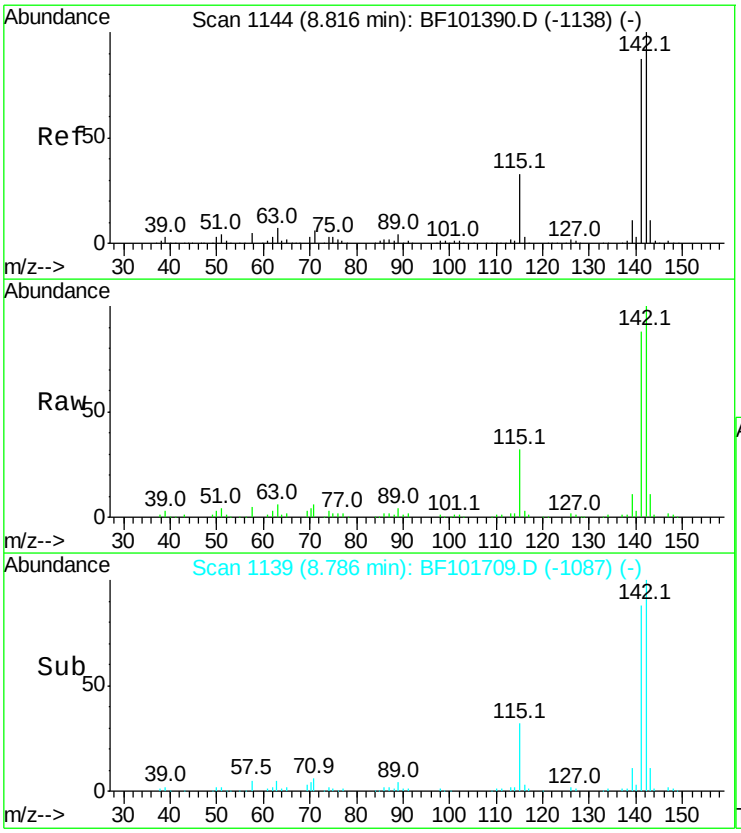
#33
4-Chloroaniline
Concen: 26.394 ng
RT: 8.09 min Scan# 1021
Delta R.T. -0.06 min
Lab File: BF101709.D
Acq: 26 Dec 2017 12:24

Instrument :
BNA_F
ClientSampleId :
WC-4539-02DL

Tgt Ion:127 Resp: 347144

Ion	Ratio	Lower	Upper
127	100		
129	83.8	25.9	38.9#
65	0.0	25.0	37.4#
92	0.0	15.2	22.8#

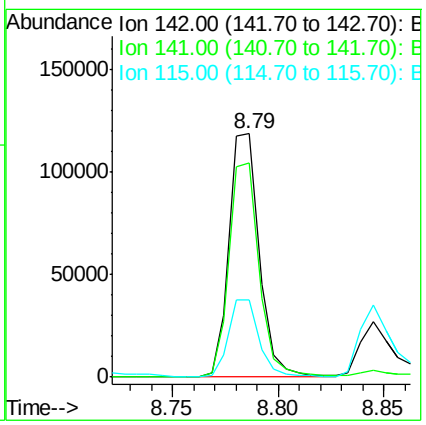


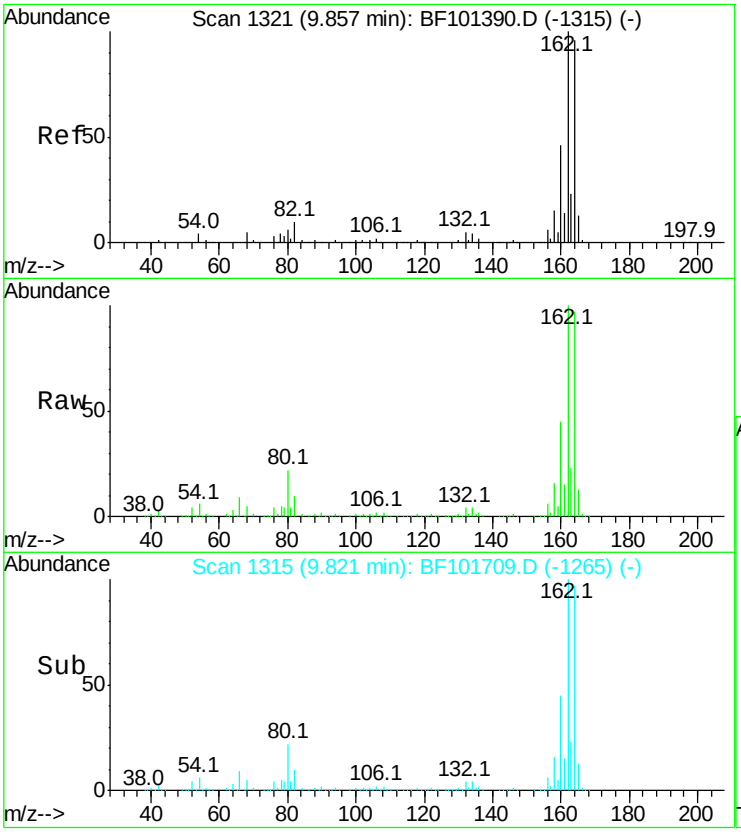


#37
2-Methylnaphthalene
Concen: 5.968 ng
RT: 8.79 min Scan# 1139
Delta R.T. 0.01 min
Lab File: BF101709.D
Acq: 26 Dec 2017 12:24

Tgt Ion:142 Resp: 117657

Ion	Ratio	Lower	Upper
142	100		
141	87.9	70.8	106.2
115	31.8	26.1	39.1



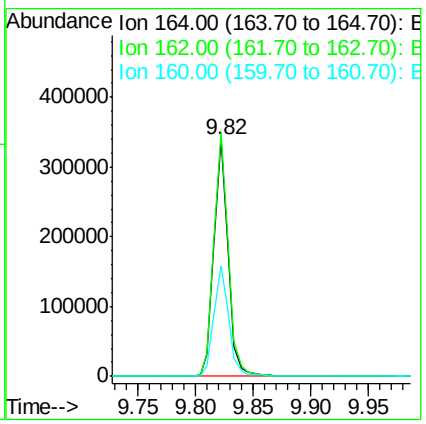


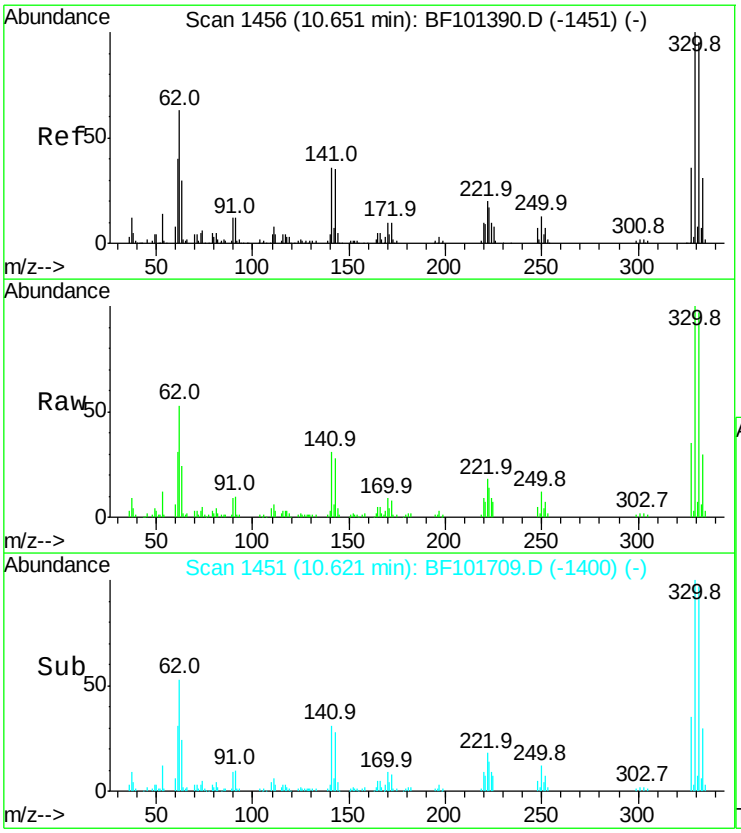
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.82 min Scan# 1315
Delta R.T. -0.01 min
Lab File: BF101709.D
Acq: 26 Dec 2017 12:24

Instrument :
BNA_F
ClientSampleId :
WC-4539-02DL

Tgt Ion:164 Resp: 290918

Ion	Ratio	Lower	Upper
164	100		
162	102.7	86.1	129.1
160	46.7	38.3	57.5

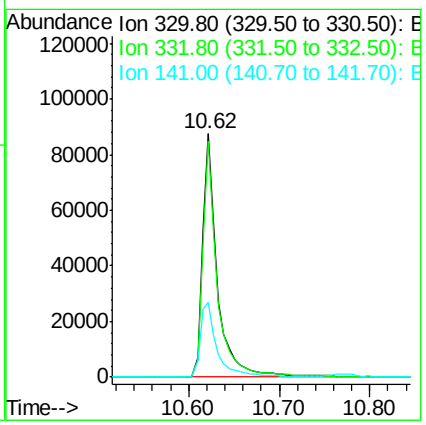


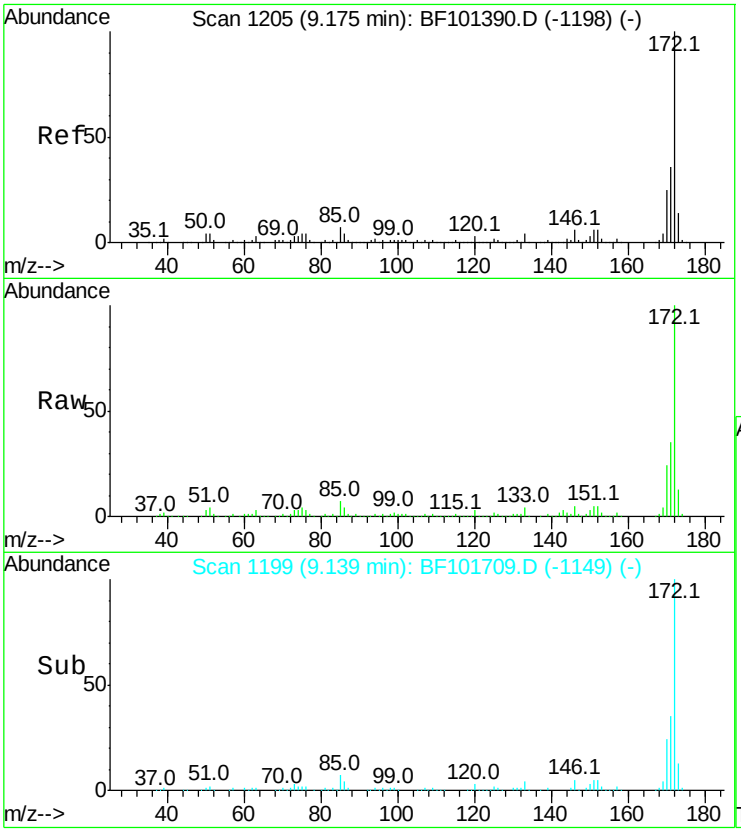


#41
2,4,6-Tribromophenol
Concen: 35.943 ng
RT: 10.62 min Scan# 1451
Delta R.T. -0.00 min
Lab File: BF101709.D
Acq: 26 Dec 2017 12:24

Tgt Ion:330 Resp: 100756

Ion	Ratio	Lower	Upper
330	100		
332	95.4	77.0	115.6
141	35.2	29.9	44.9



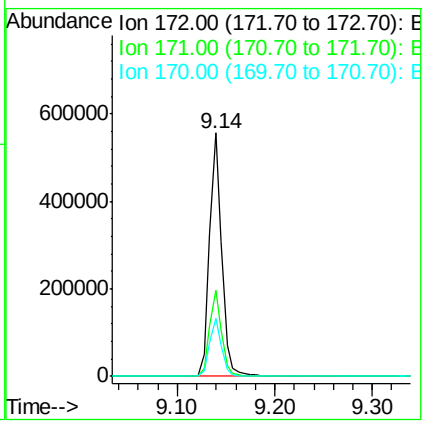


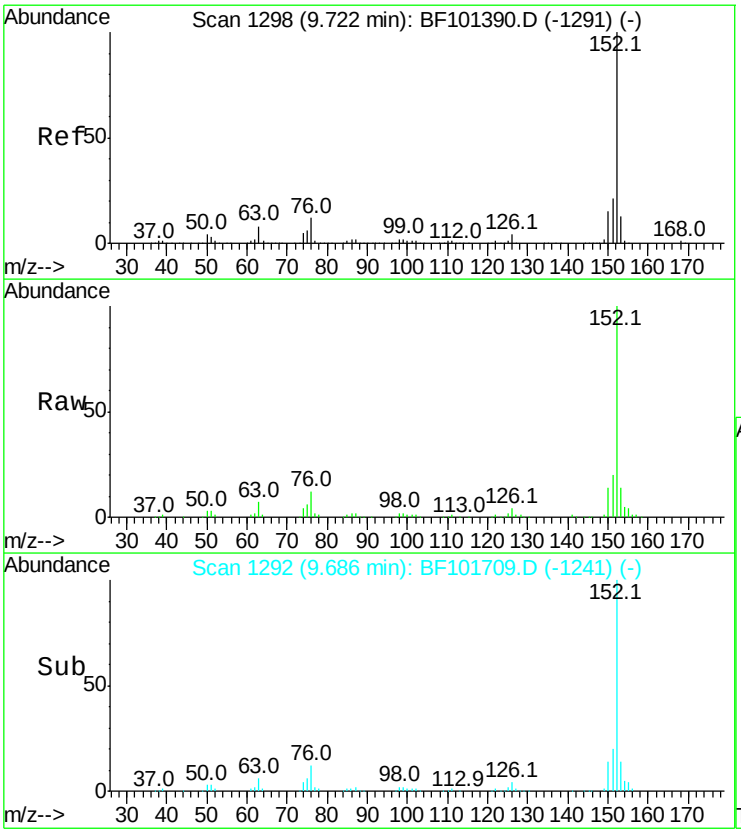
#44
2-Fluorobiphenyl
Concen: 25.783 ng
RT: 9.14 min Scan# 1199
Delta R.T. -0.01 min
Lab File: BF101709.D
Acq: 26 Dec 2017 12:24

Instrument :
BNA_F
ClientSampleId :
WC-4539-02DL

Tgt Ion:172 Resp: 483530

Ion	Ratio	Lower	Upper
172	100		
171	35.5	29.7	44.5
170	24.0	19.6	29.4

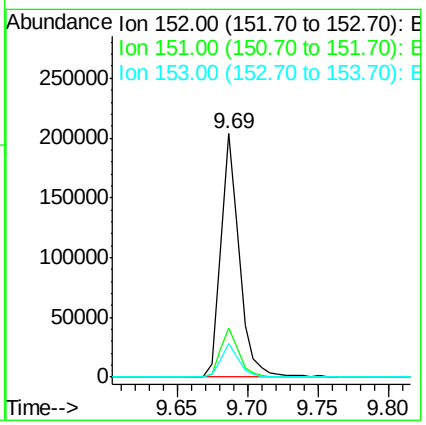


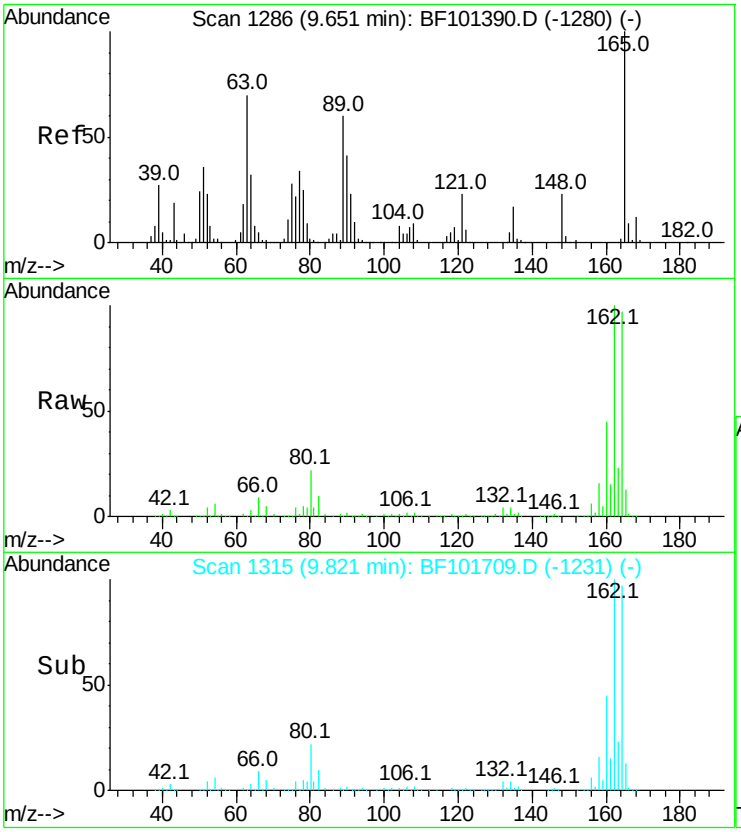


#48
Acenaphthylene
Concen: 5.957 ng
RT: 9.69 min Scan# 1292
Delta R.T. -0.00 min
Lab File: BF101709.D
Acq: 26 Dec 2017 12:24

Tgt Ion:152 Resp: 185749

Ion	Ratio	Lower	Upper
152	100		
151	20.4	16.3	24.5
153	14.1	10.7	16.1



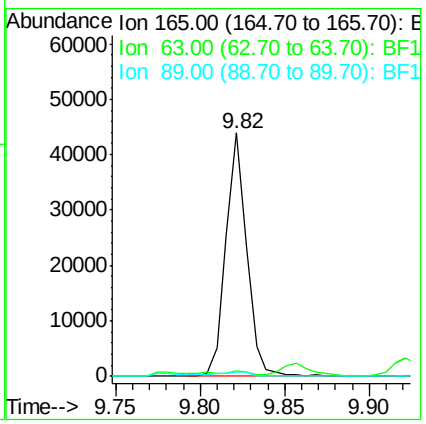


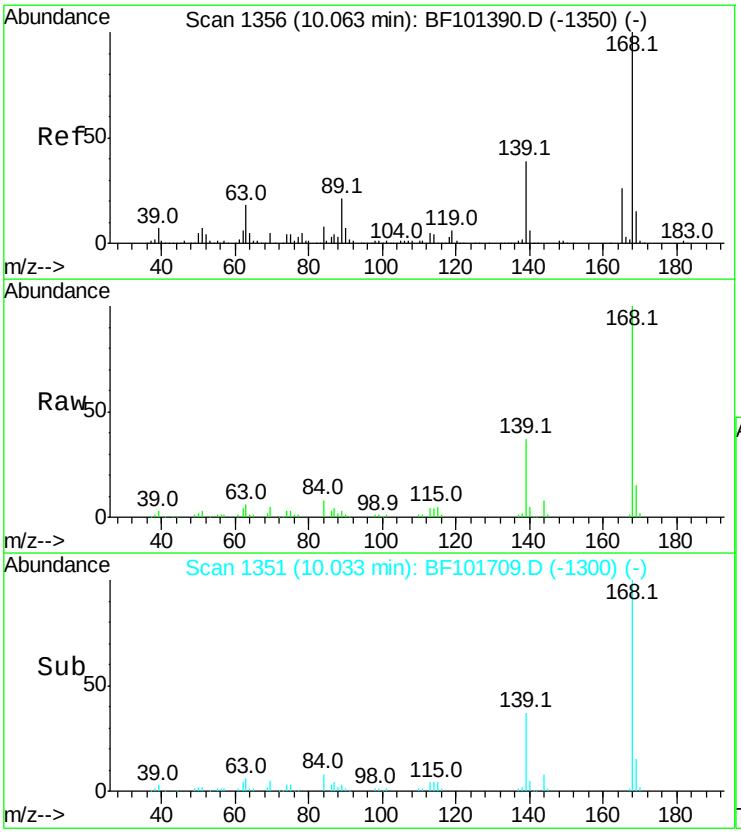
#50
2,6-Dinitrotoluene
Concen: 7.907 ng
RT: 9.82 min Scan# 1315
Delta R.T. 0.19 min
Lab File: BF101709.D
Acq: 26 Dec 2017 12:24

Instrument :
BNA_F
ClientSampleId :
WC-4539-02DL

Tgt Ion:165 Resp: 37605

Ion	Ratio	Lower	Upper
165	100		
63	2.0	44.7	67.1#
89	2.0	44.0	66.0#

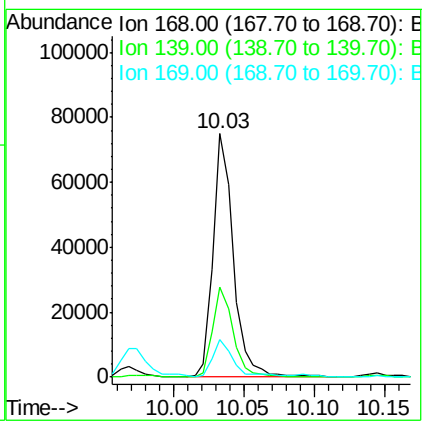


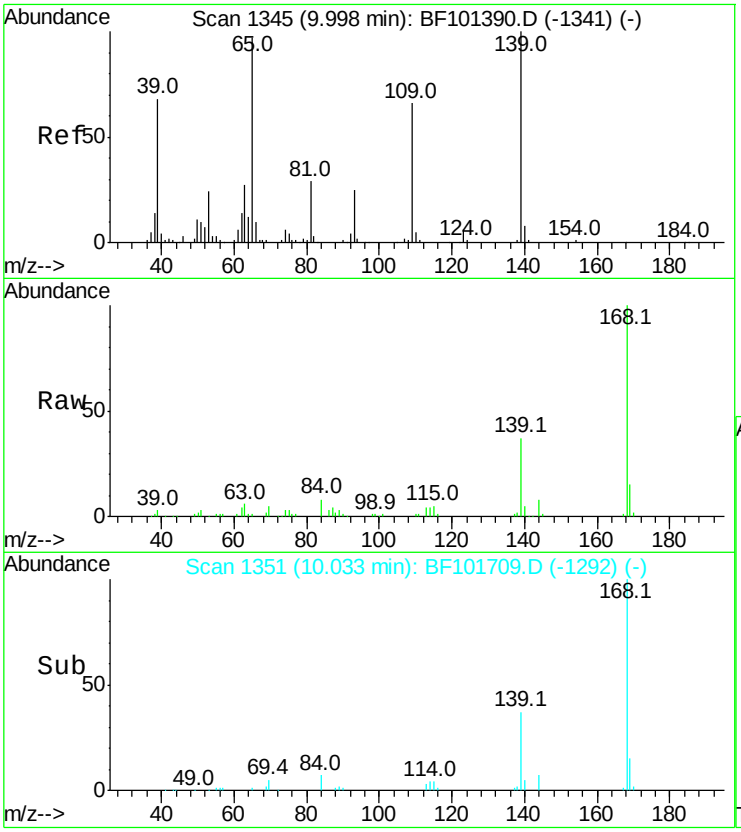


#54
Dibenzofuran
Concen: 3.179 ng
RT: 10.03 min Scan# 1351
Delta R.T. -0.00 min
Lab File: BF101709.D
Acq: 26 Dec 2017 12:24

Tgt Ion:168 Resp: 75686

Ion	Ratio	Lower	Upper
168	100		
139	36.8	30.1	45.1
169	15.4	10.9	16.3



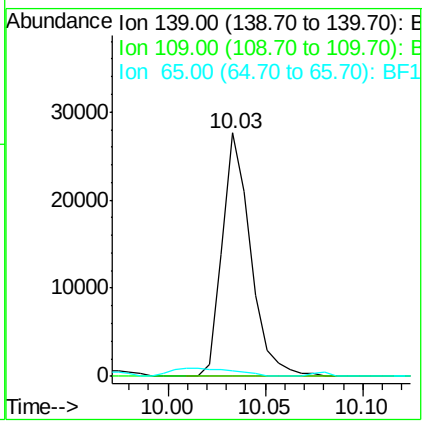


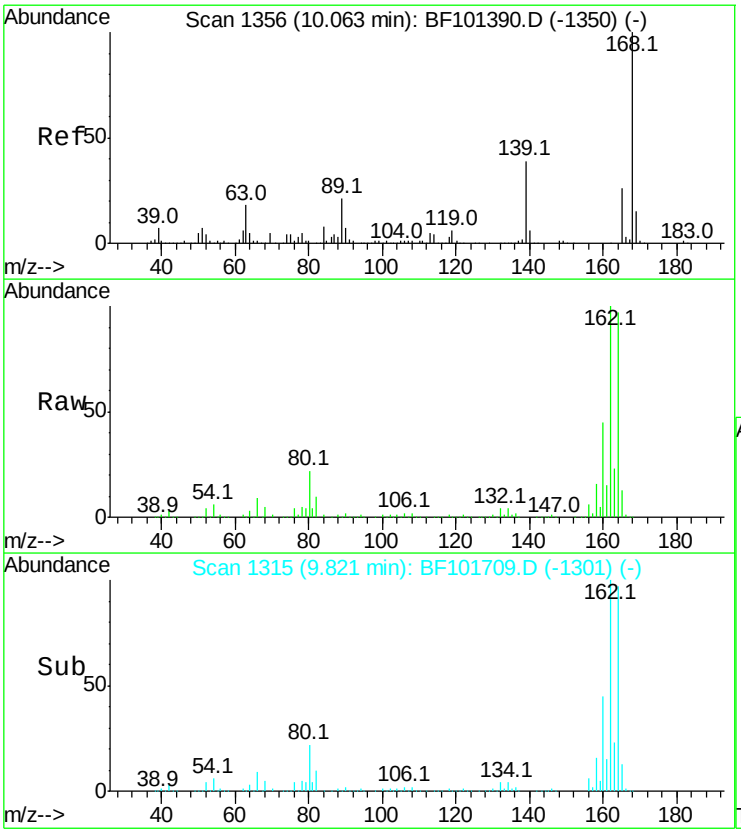
#55
4-Nitrophenol
Concen: 10.777 ng
RT: 10.03 min Scan# 1351
Delta R.T. 0.05 min
Lab File: BF101709.D
Acq: 26 Dec 2017 12:24

Instrument :
BNA_F
ClientSampleId :
WC-4539-02DL

Tgt Ion:139 Resp: 27865

Ion	Ratio	Lower	Upper
139	100		
109	0.0	48.4	88.4#
65	2.4	72.6	112.6#

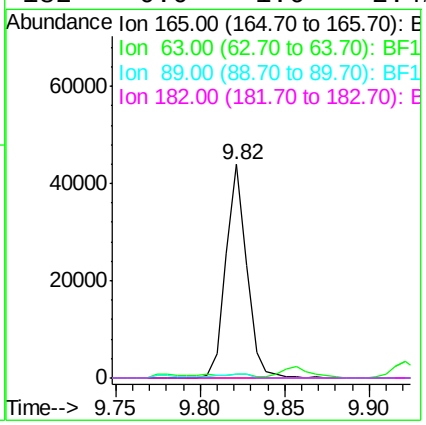


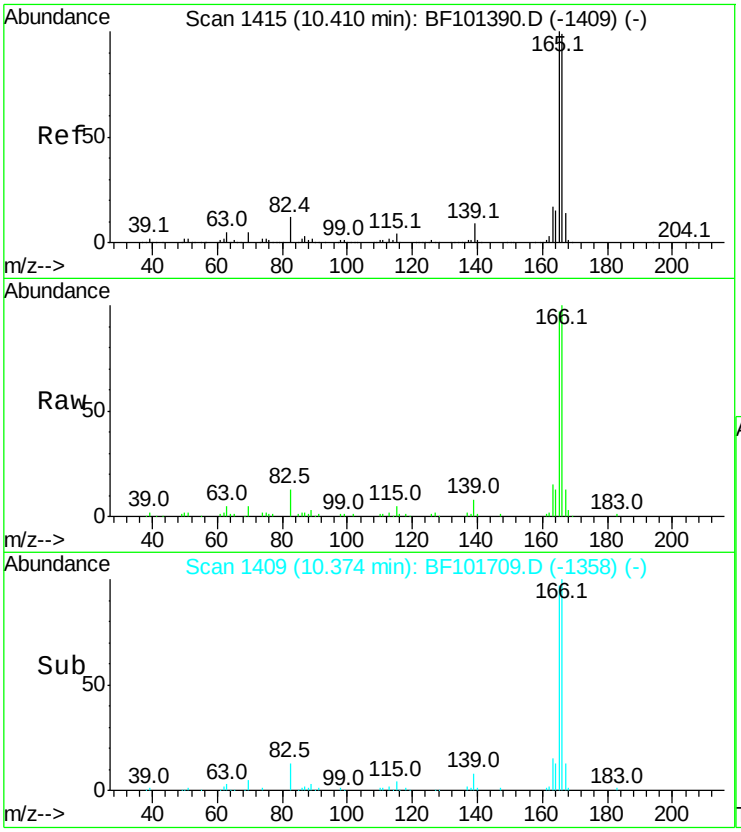


#56
2,4-Dinitrotoluene
Concen: 7.018 ng
RT: 9.82 min Scan# 1315
Delta R.T. -0.22 min
Lab File: BF101709.D
Acq: 26 Dec 2017 12:24

Tgt Ion:165 Resp: 37605

Ion	Ratio	Lower	Upper
165	100		
63	2.0	36.4	54.6#
89	2.0	57.8	86.6#
182	0.0	1.6	2.4#



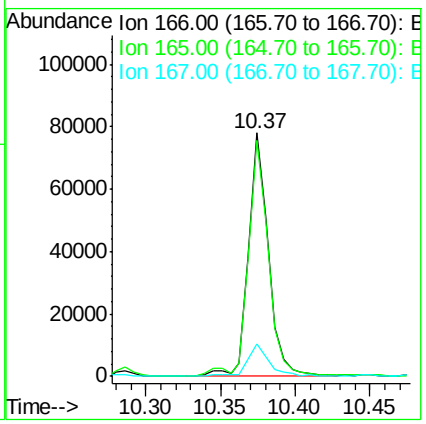


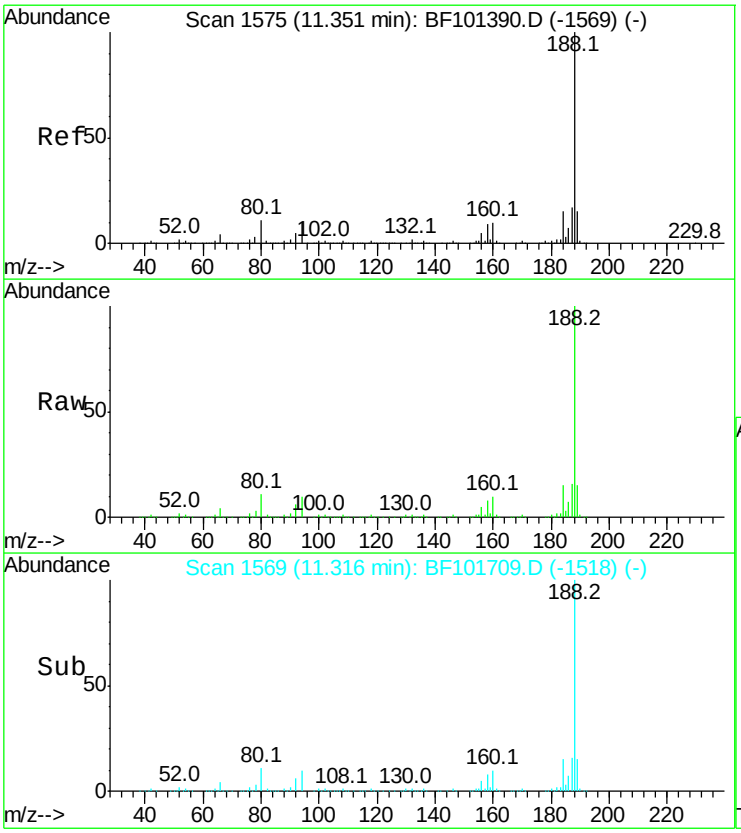
#57
Fluorene
Concen: 3.556 ng
RT: 10.37 min Scan# 1409
Delta R.T. -0.00 min
Lab File: BF101709.D
Acq: 26 Dec 2017 12:24

Instrument :
BNA_F
ClientSampleId :
WC-4539-02DL

Tgt Ion:166 Resp: 71621

Ion	Ratio	Lower	Upper
166	100		
165	96.8	79.8	119.8
167	13.3	10.6	16.0

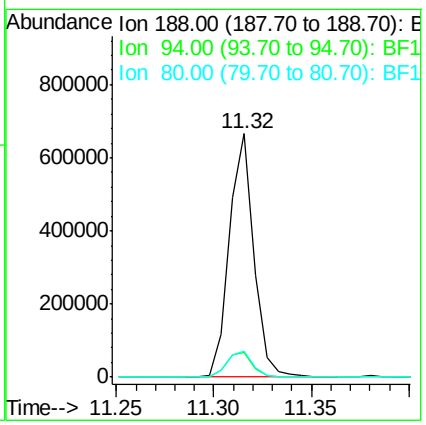


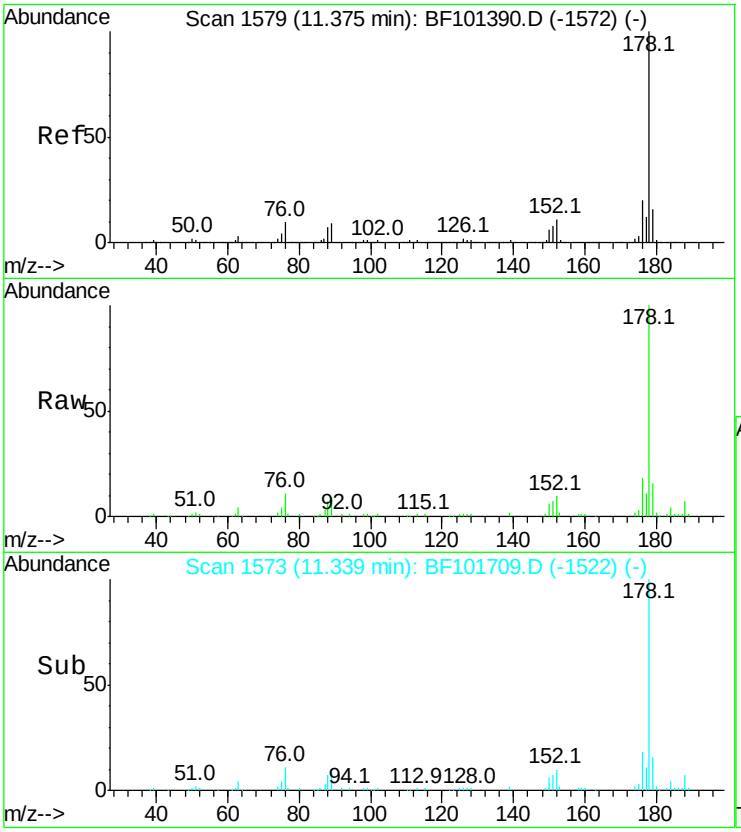


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1569
Delta R.T. -0.00 min
Lab File: BF101709.D
Acq: 26 Dec 2017 12:24

Tgt Ion:188 Resp: 578441

Ion	Ratio	Lower	Upper
188	100		
94	10.4	8.5	12.7
80	10.7	9.2	13.8



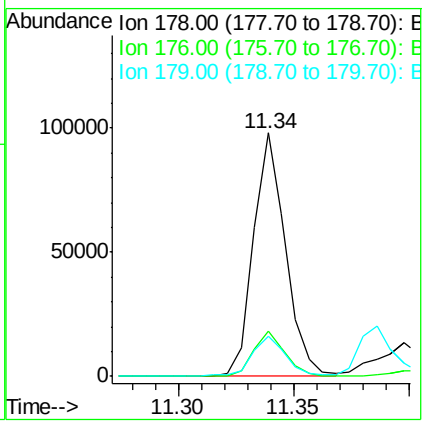


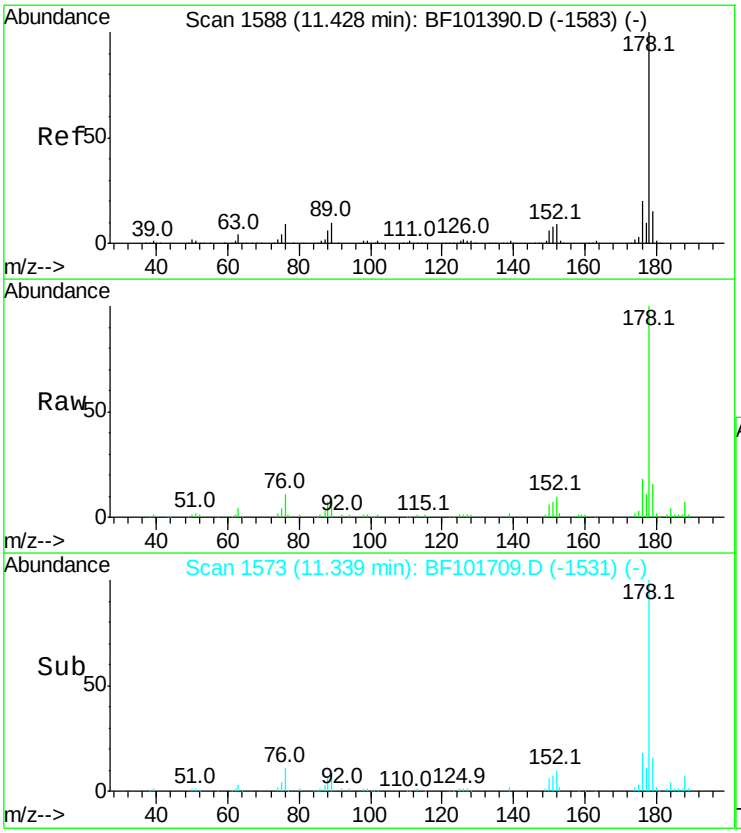
#70
Phenanthrene
Concen: 2.956 ng
RT: 11.34 min Scan# 1573
Delta R.T. -0.00 min
Lab File: BF101709.D
Acq: 26 Dec 2017 12:24

Instrument :
BNA_F
ClientSampleId :
WC-4539-02DL

Tgt Ion:178 Resp: 95078

Ion	Ratio	Lower	Upper
178	100		
176	18.4	15.8	23.8
179	16.4	13.0	19.6

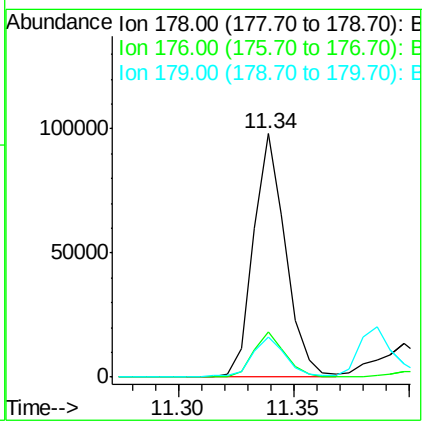


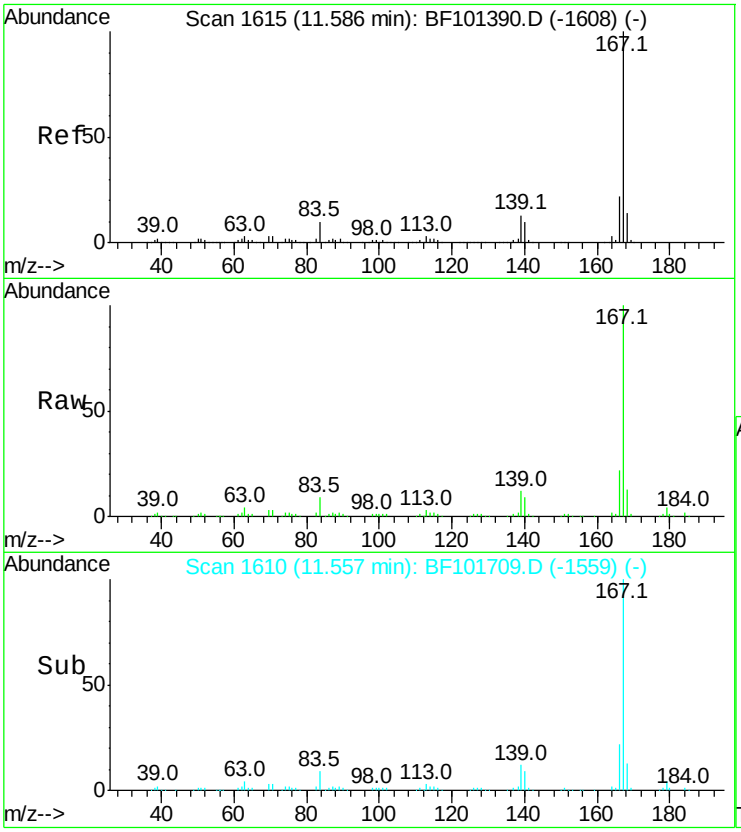


#71
Anthracene
Concen: 2.894 ng
RT: 11.34 min Scan# 1573
Delta R.T. -0.05 min
Lab File: BF101709.D
Acq: 26 Dec 2017 12:24

Tgt Ion:178 Resp: 95078

Ion	Ratio	Lower	Upper
178	100		
176	18.4	15.4	23.2
179	16.4	12.6	19.0



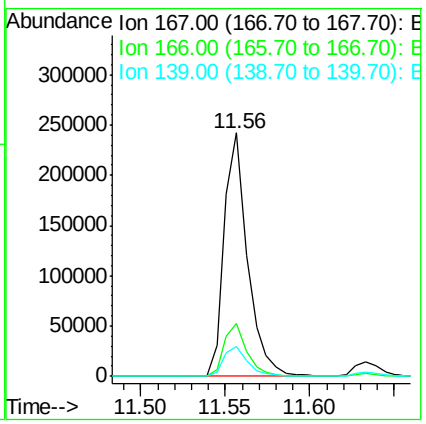


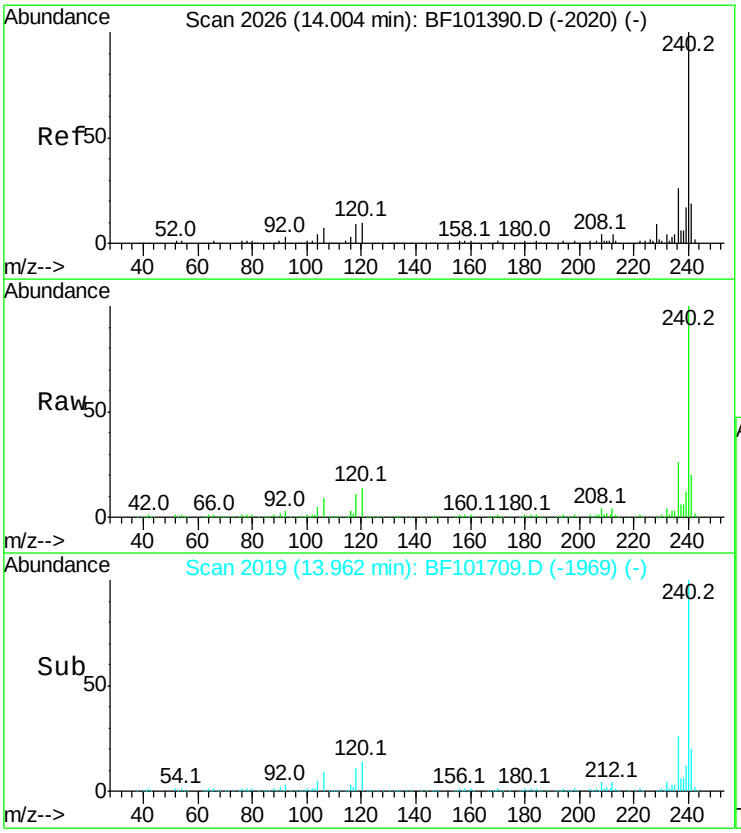
#72
Carbazole
Concen: 7.638 ng
RT: 11.56 min Scan# 1610
Delta R.T. -0.00 min
Lab File: BF101709.D
Acq: 26 Dec 2017 12:24

Instrument :
BNA_F
ClientSampleId :
WC-4539-02DL

Tgt Ion:167 Resp: 234964

Ion	Ratio	Lower	Upper
167	100		
166	21.7	17.6	26.4
139	12.3	10.9	16.3

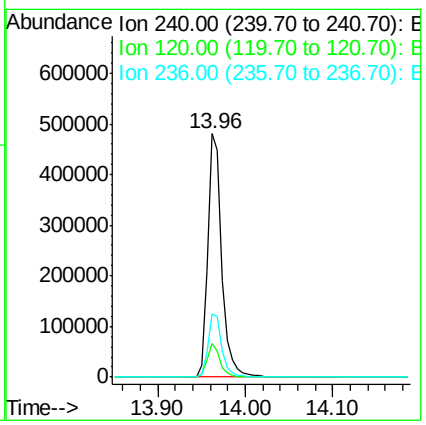


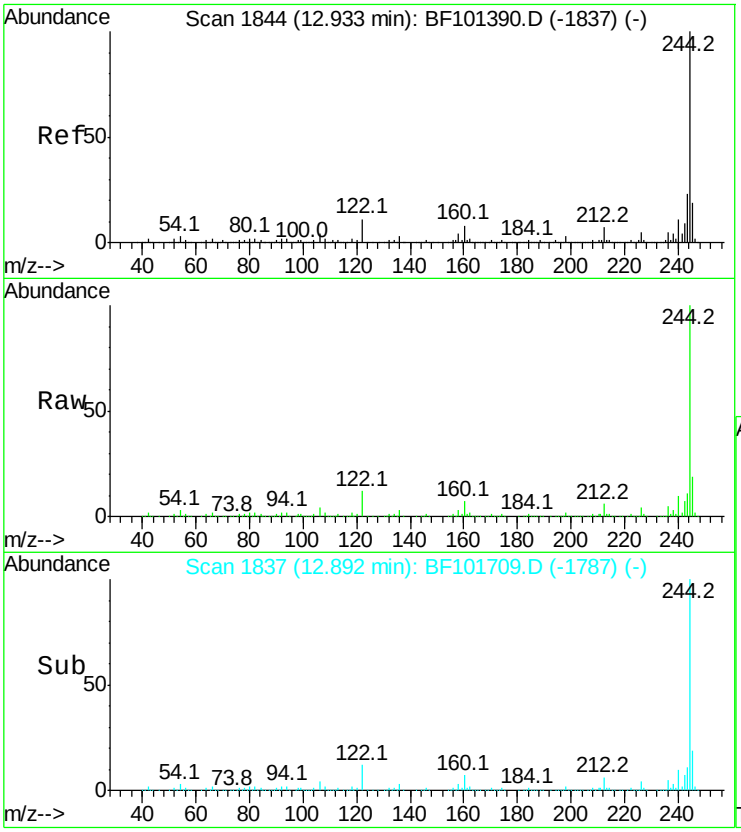


#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.96 min Scan# 2019
Delta R.T. -0.01 min
Lab File: BF101709.D
Acq: 26 Dec 2017 12:24

Tgt Ion:240 Resp: 529436

Ion	Ratio	Lower	Upper
240	100		
120	13.8	9.5	14.3
236	26.0	20.7	31.1



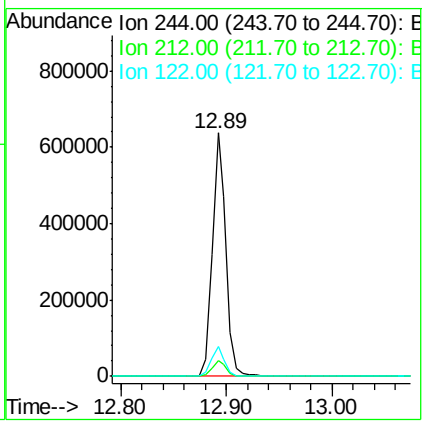


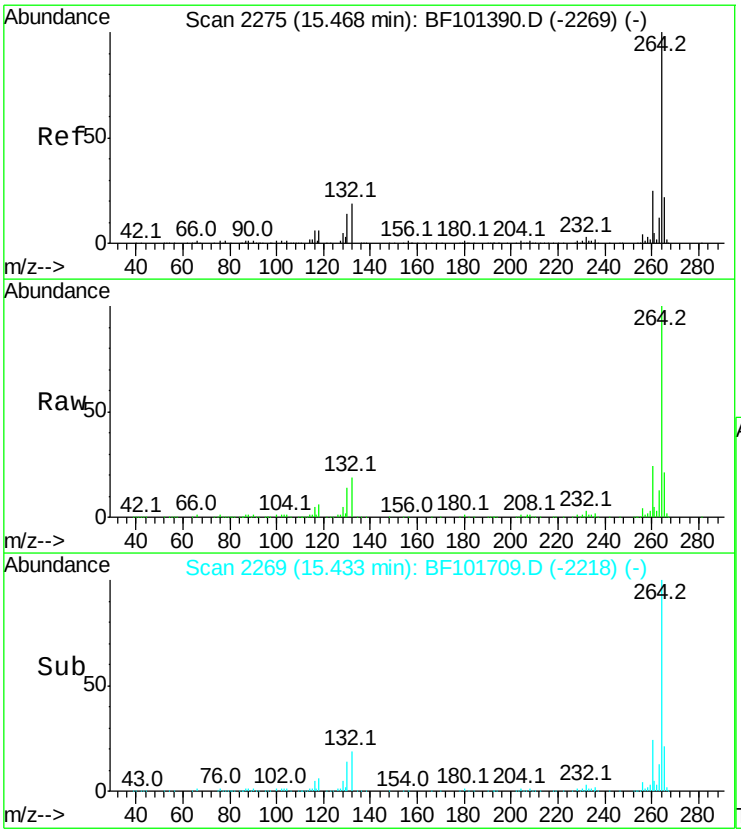
#78
Terphenyl-d14
Concen: 26.262 ng
RT: 12.89 min Scan# 1837
Delta R.T. -0.01 min
Lab File: BF101709.D
Acq: 26 Dec 2017 12:24

Instrument :
BNA_F
ClientSampleId :
WC-4539-02DL

Tgt Ion:244 Resp: 576757

Ion	Ratio	Lower	Upper
244	100		
212	6.5	5.4	8.0
122	12.1	11.0	16.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.43 min Scan# 2269
Delta R.T. -0.00 min
Lab File: BF101709.D
Acq: 26 Dec 2017 12:24

Tgt Ion:264 Resp: 464504

Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.2	28.8
265	21.0	17.5	26.3