Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122617\
Data File : BF101717.D
Acq On : 26 Dec 2017 16:00
Operator : SJ/JU
Sample : I6845-03DL 10X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WC-10257-01DL

Quant Time: Dec 26 16:35:49 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	141981	20.00	ng		0.00
21) Naphthalene-d8	8.07	136	544200	20.00	ng		0.00
38) Acenaphthene-d10	9.82	164	230635	20.00	ng		0.00
63) Phenanthrene-d10	11.32	188	366653	20.00	ng		0.00
75) Chrysene-d12	13.97	240	294457	20.00	ng		0.00
86) Perylene-d12	15.43	264	282166	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.43	112	125181	13.13	ng		0.02
7) Phenol-d6	6.43	99	142789	12.04	ng		0.00
23) Nitrobenzene-d5	7.36	82	112072	11.46	ng		0.00
41) 2,4,6-Tribromophenol	10.63	330	28987	13.04	ng		0.00
44) 2-Fluorobiphenyl	9.14	172	219398	14.76	ng		0.00
78) Terphenyl-d14	12.89	244	171450	14.04	ng		0.00
Target Compounds							Qvalue
10) Phenol	6.45	94	531309	39.297	ng		98
15) Benzyl Alcohol	7.05	79	111688	13.679	ng	#	1
17) 2-Methylphenol	7.05	107	264027	28.627	ng		99
18) Hexachloroethane	7.22	117	27529	6.852	ng	#	2
20) 3+4-Methylphenols	7.21	107	688314	70.426	ng		85
25) Isophorone	7.36	82	112072	5.715	ng	#	64
27) 2,4-Dimethylphenol	7.73	122	232282	29.414	ng		99
31) Naphthalene	8.10	128	2270526	82.875	ng		99
32) Benzoic acid	7.87	122	227326	43.598	ng	#	14
33) 4-Chloroaniline	8.10	127	313053	26.290	ng	#	36
37) 2-Methylnaphthalene	8.78	142	110070	6.166	ng		99
48) Acenaphthylene	9.69	152	154019	6.231	ng		99
50) 2,6-Dinitrotoluene	9.82	165	28705	7.613	ng	#	27
54) Dibenzofuran	10.03	168	42406	2.247	ng		98
56) 2,4-Dinitrotoluene	9.82	165	28705	6.757	ng	#	25
57) Fluorene	10.37	166	38083	2.385	ng		99
70) Phenanthrene	11.34	178	40865	2.004	ng		98
72) Carbazole	11.56	167	111135	5.699	ng		98

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

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Acq On : 26 Dec 2017 16:00
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Misc :
ALS Vial : 16 Sample Multiplier: 1

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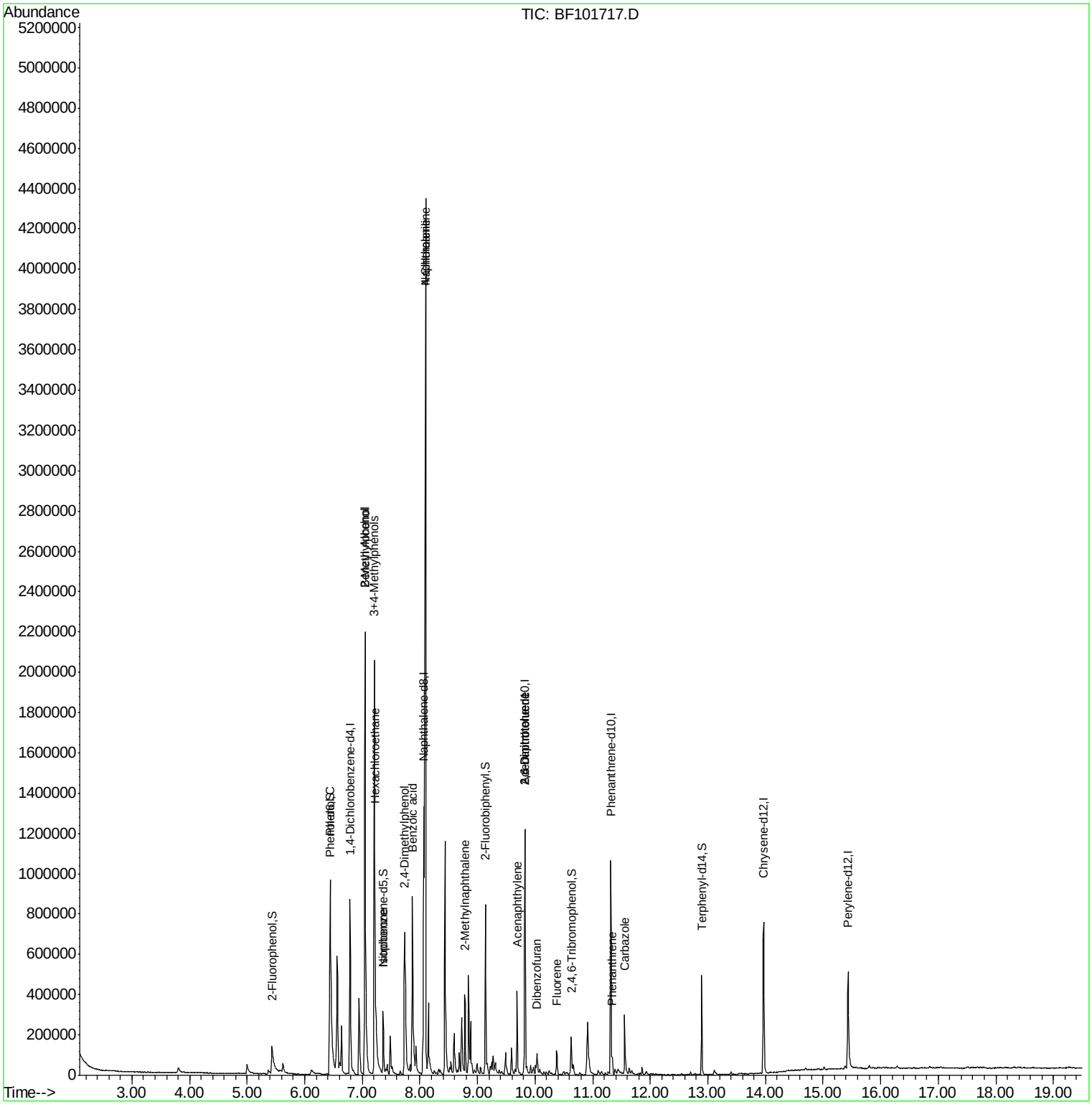
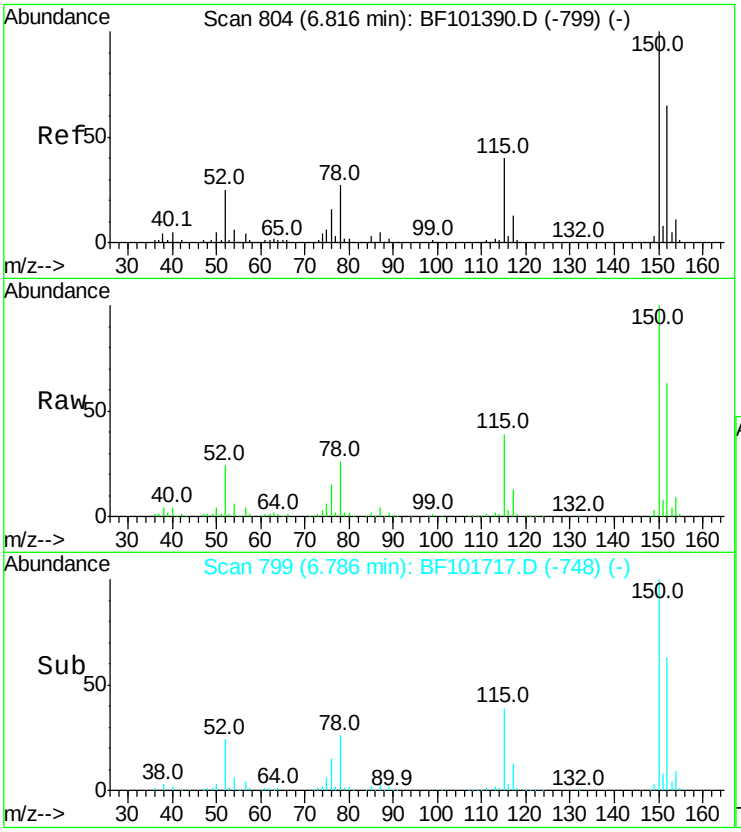


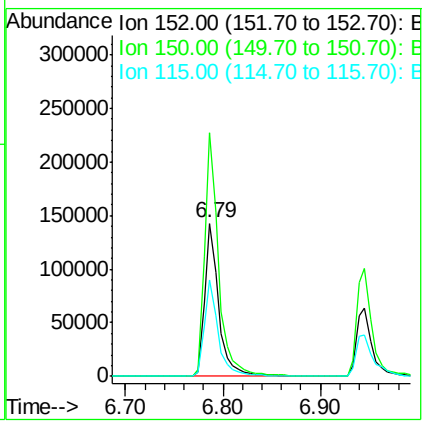


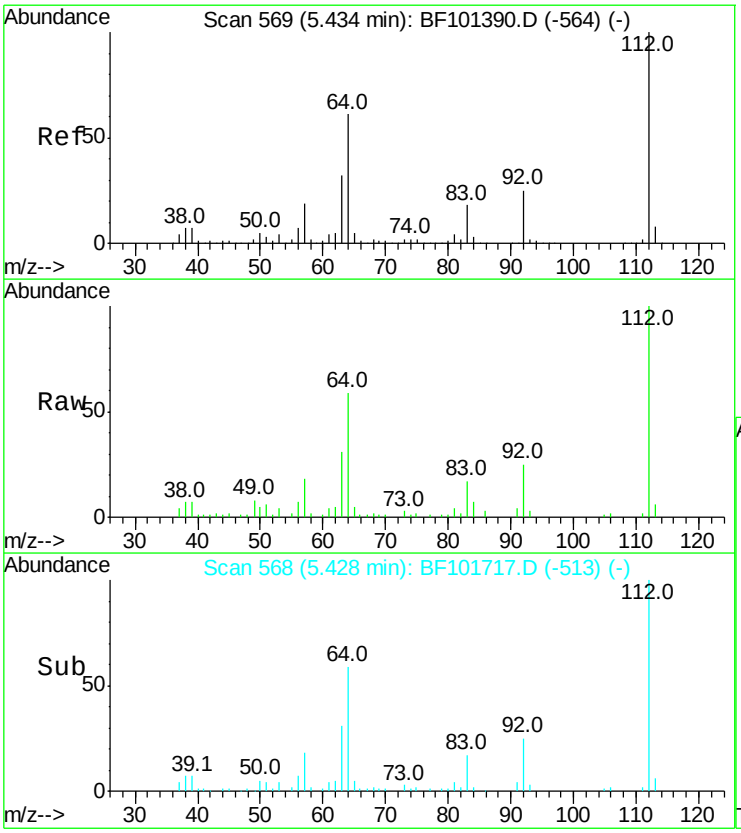
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 799
Delta R.T. -0.00 min
Lab File: BF101717.D
Acq: 26 Dec 2017 16:00

Instrument :
BNA_F
ClientSampleId :
WC-10257-01DL

Tgt Ion:152 Resp: 141981

Ion	Ratio	Lower	Upper
152	100		
150	159.2	124.6	186.8
115	62.8	50.1	75.1

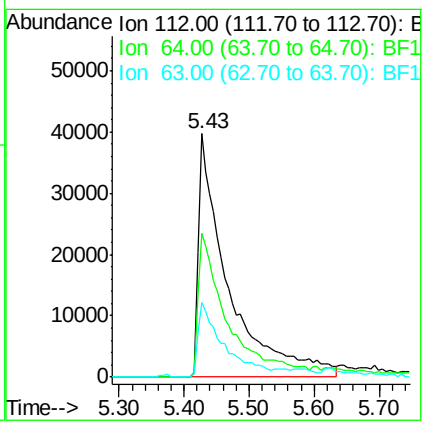


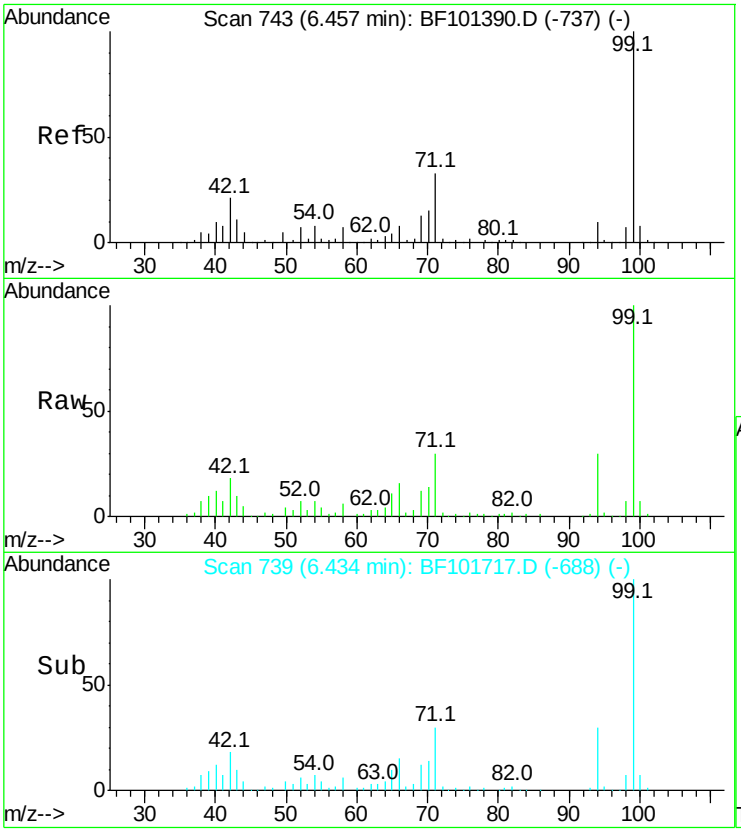


#5
2-Fluorophenol
Concen: 13.133 ng
RT: 5.43 min Scan# 568
Delta R.T. 0.02 min
Lab File: BF101717.D
Acq: 26 Dec 2017 16:00

Tgt Ion:112 Resp: 125181

Ion	Ratio	Lower	Upper
112	100		
64	58.8	47.9	71.9
63	30.6	23.7	35.5



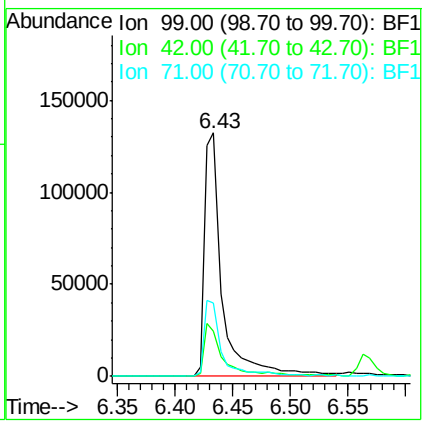


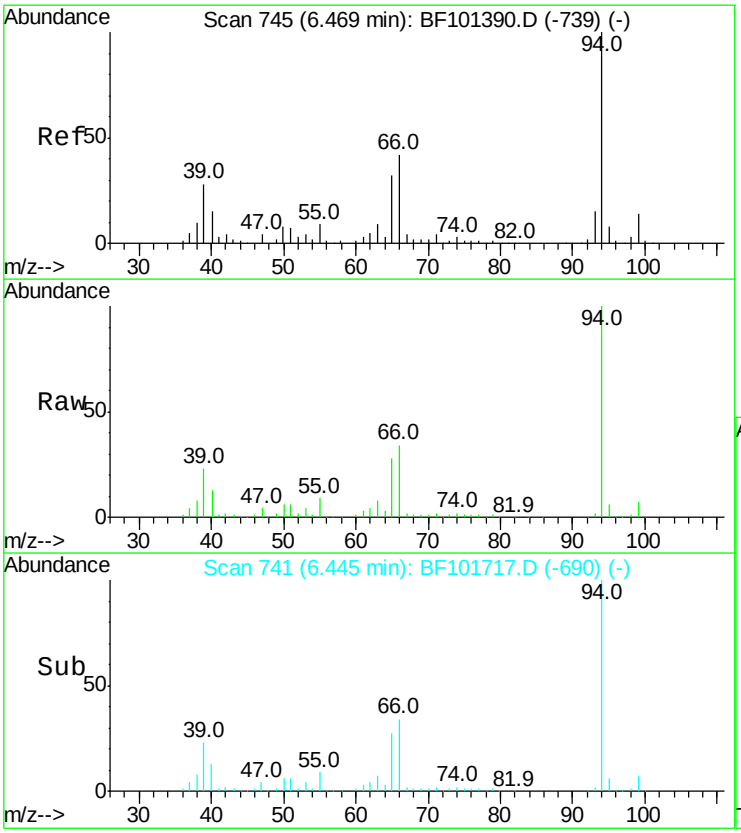
#7
Phenol-d6
Concen: 12.037 ng
RT: 6.43 min Scan# 739
Delta R.T. -0.00 min
Lab File: BF101717.D
Acq: 26 Dec 2017 16:00

Instrument :
BNA_F
ClientSampleId :
WC-10257-01DL

Tgt Ion: 99 Resp: 142789

Ion	Ratio	Lower	Upper
99	100		
42	18.3	14.5	21.7
71	30.2	25.4	38.0

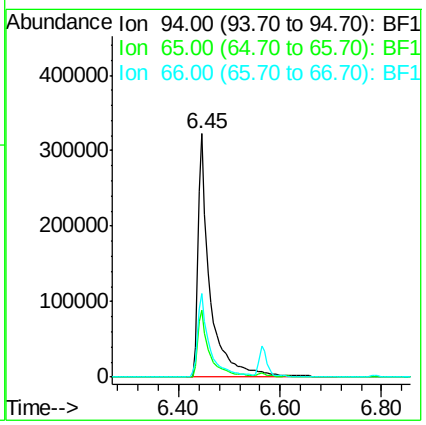


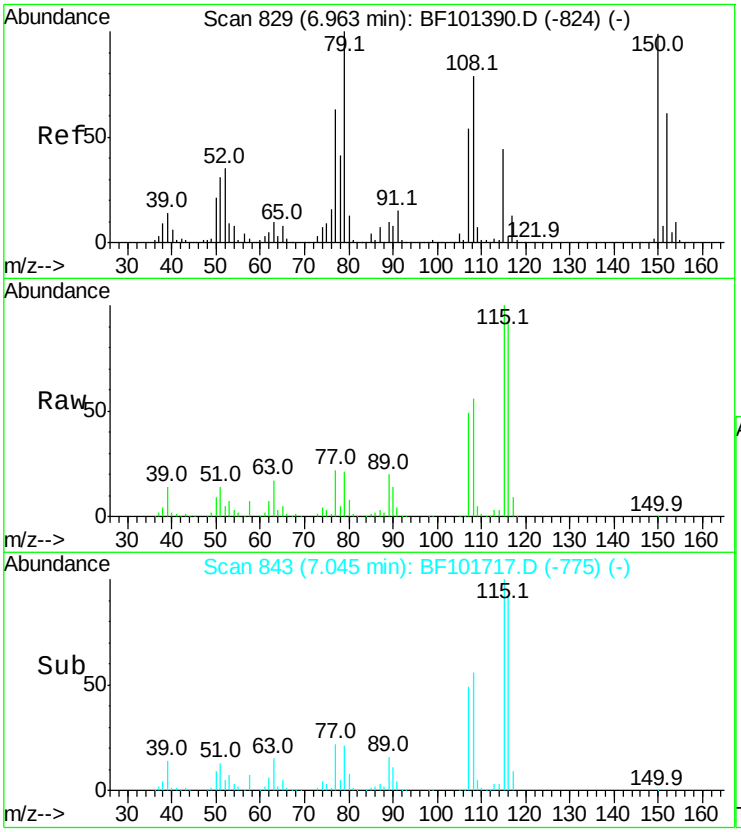


#10
Phenol
Concen: 39.297 ng
RT: 6.45 min Scan# 741
Delta R.T. -0.00 min
Lab File: BF101717.D
Acq: 26 Dec 2017 16:00

Tgt Ion: 94 Resp: 531309

Ion	Ratio	Lower	Upper
94	100		
65	27.6	7.9	47.9
66	34.2	16.2	56.2



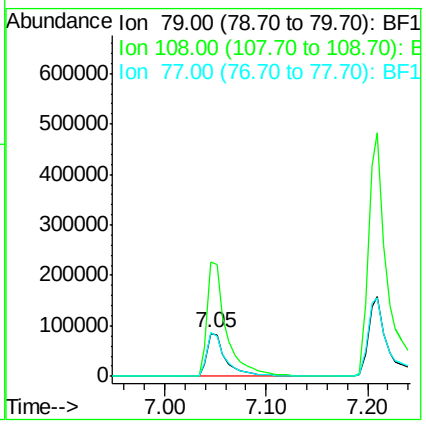


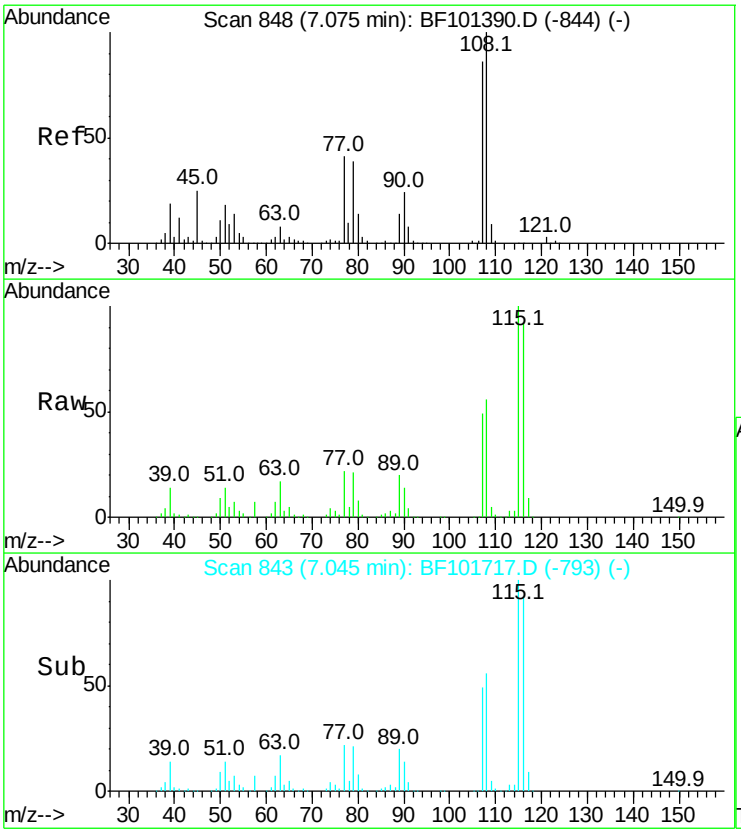
#15
Benzyl Alcohol
Concen: 13.679 ng
RT: 7.05 min Scan# 843
Delta R.T. 0.10 min
Lab File: BF101717.D
Acq: 26 Dec 2017 16:00

Instrument :
BNA_F
ClientSampleId :
WC-10257-01DL

Tgt Ion: 79 Resp: 111688

Ion	Ratio	Lower	Upper
79	100		
108	263.6	65.1	97.7#
77	102.1	50.6	75.8#

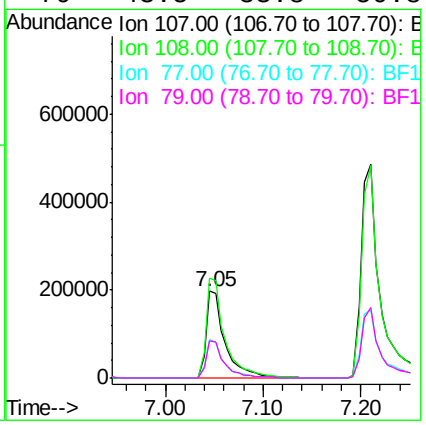


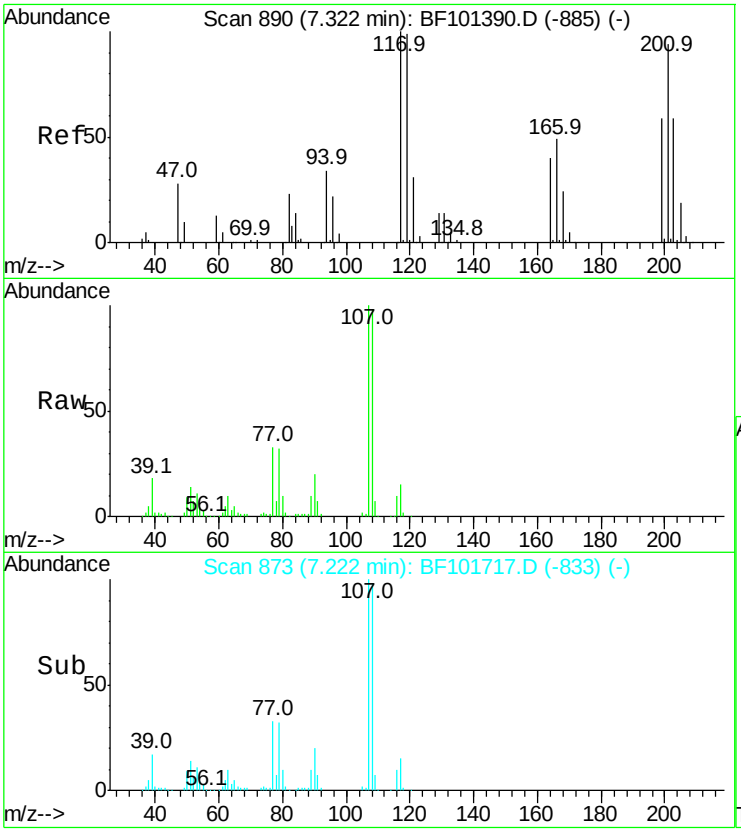


#17
2-Methylphenol
Concen: 28.627 ng
RT: 7.05 min Scan# 843
Delta R.T. -0.01 min
Lab File: BF101717.D
Acq: 26 Dec 2017 16:00

Tgt Ion:107 Resp: 264027

Ion	Ratio	Lower	Upper
107	100		
108	114.6	91.7	137.5
77	44.4	33.8	50.8
79	43.5	33.8	50.8



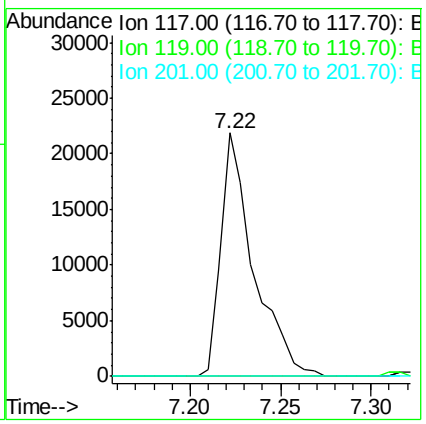


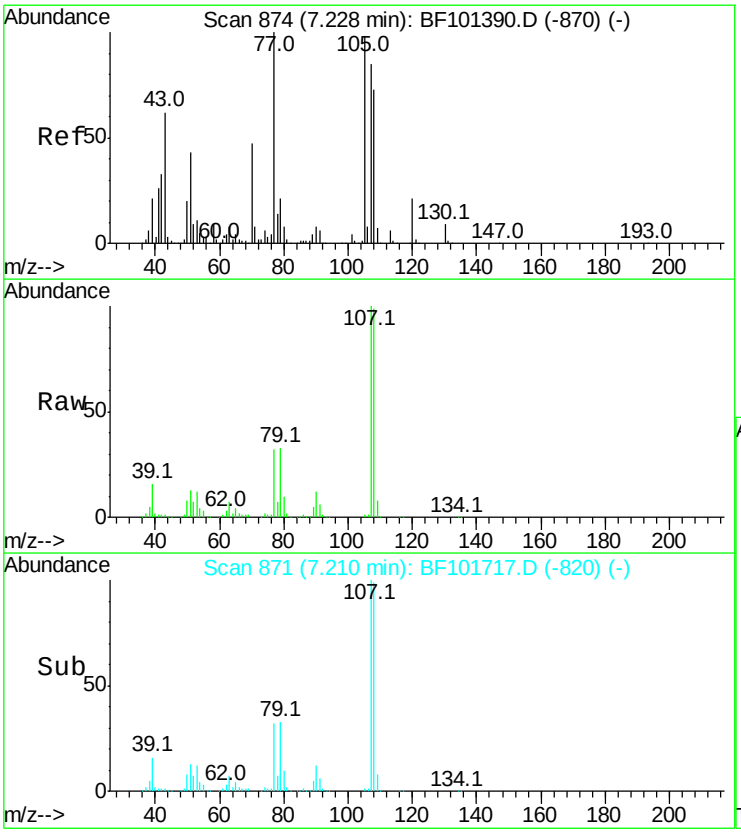
#18
Hexachloroethane
Concen: 6.852 ng
RT: 7.22 min Scan# 873
Delta R.T. -0.06 min
Lab File: BF101717.D
Acq: 26 Dec 2017 16:00

Instrument :
BNA_F
ClientSampleId :
WC-10257-01DL

Tgt Ion:117 Resp: 27529

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

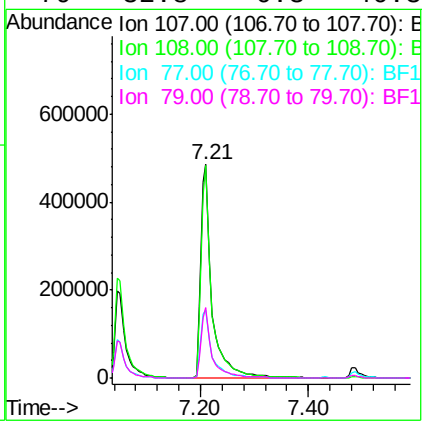


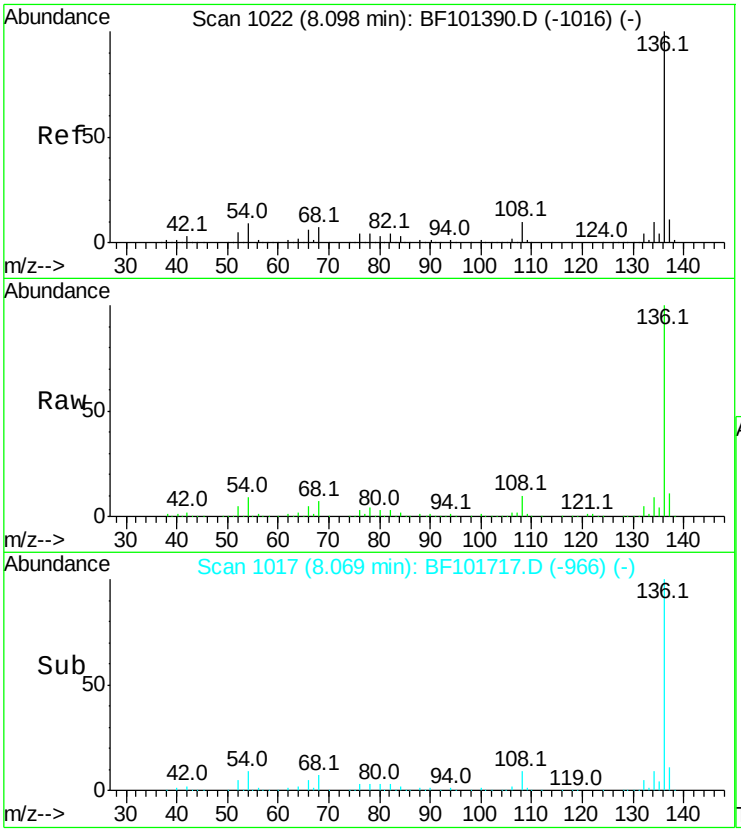


#20
3+4-Methylphenols
Concen: 70.426 ng
RT: 7.21 min Scan# 871
Delta R.T. -0.00 min
Lab File: BF101717.D
Acq: 26 Dec 2017 16:00

Tgt Ion:107 Resp: 688314

Ion	Ratio	Lower	Upper
107	100		
108	99.4	68.2	108.2
77	31.9	26.7	66.7
79	32.8	6.3	46.3



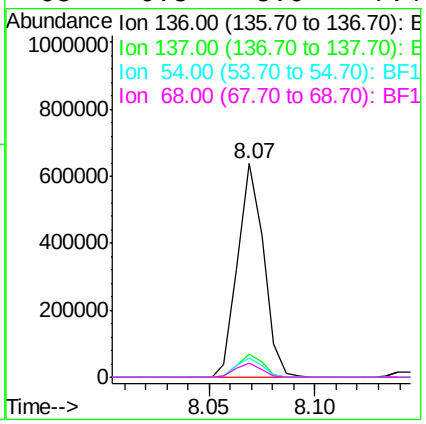


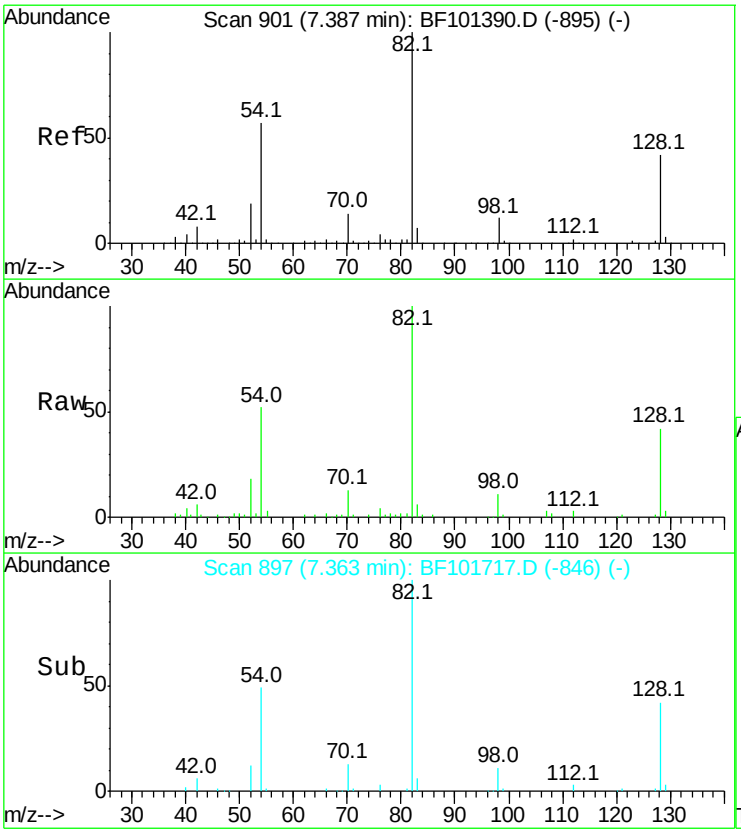
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1017
Delta R.T. -0.00 min
Lab File: BF101717.D
Acq: 26 Dec 2017 16:00

Instrument :
BNA_F
ClientSampleId :
WC-10257-01DL

Tgt Ion:136 Resp: 544200

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.9	13.3
54	9.0	6.6	9.8
68	6.8	5.0	7.4

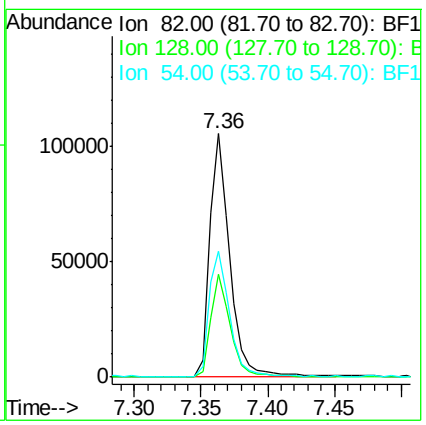


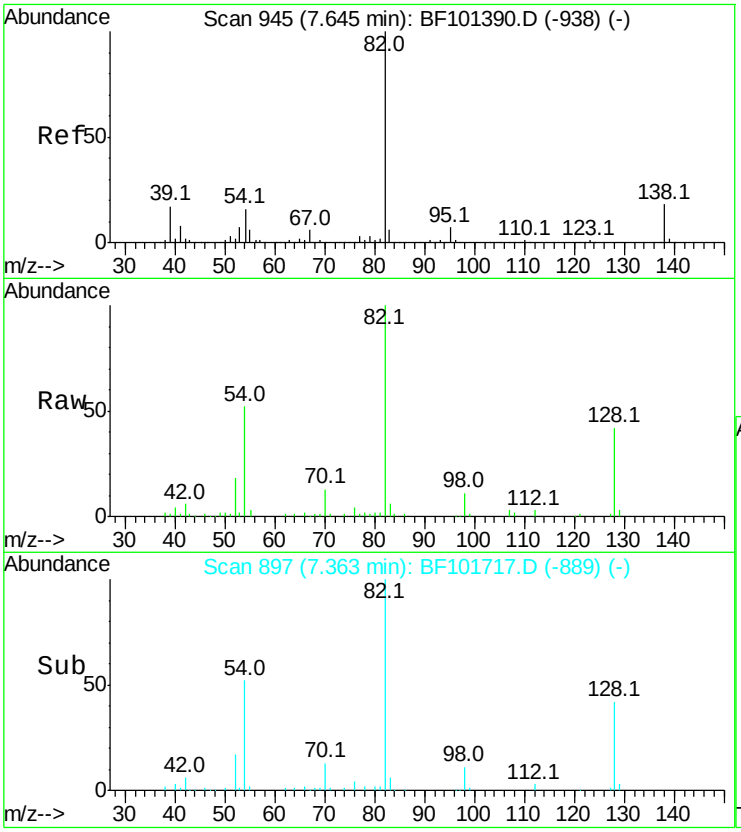


#23
Nitrobenzene-d5
Concen: 11.464 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.00 min
Lab File: BF101717.D
Acq: 26 Dec 2017 16:00

Tgt Ion: 82 Resp: 112072

Ion	Ratio	Lower	Upper
82	100		
128	42.0	36.1	54.1
54	51.8	41.4	62.2



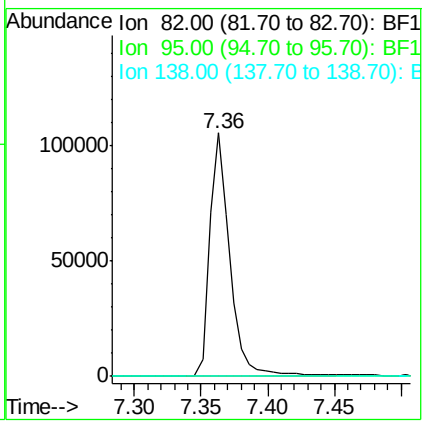


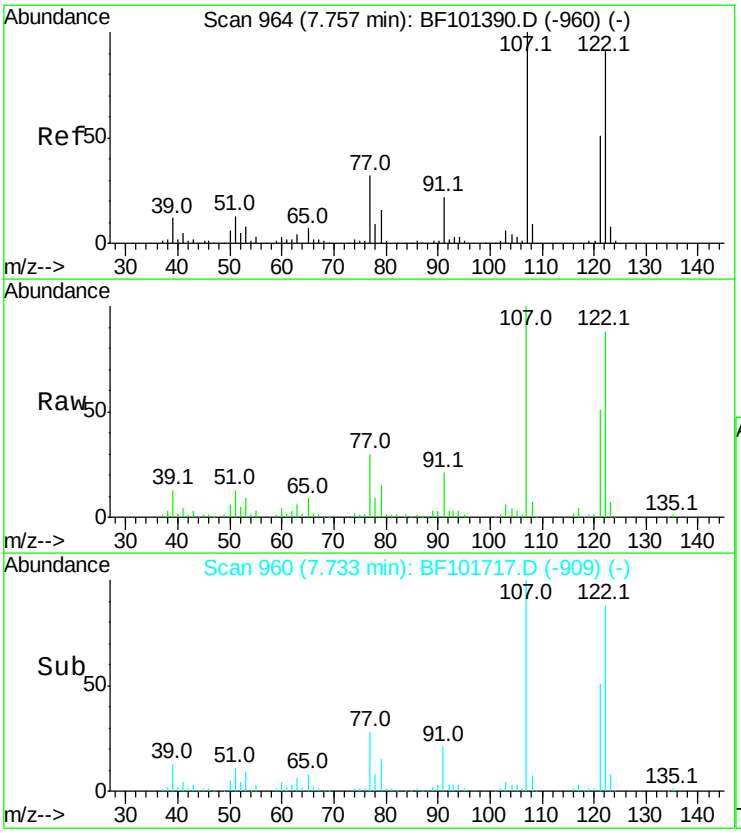
#25
Isophorone
Concen: 5.715 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.25 min
Lab File: BF101717.D
Acq: 26 Dec 2017 16:00

Instrument :
BNA_F
ClientSampleId :
WC-10257-01DL

Tgt Ion: 82 Resp: 112072

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

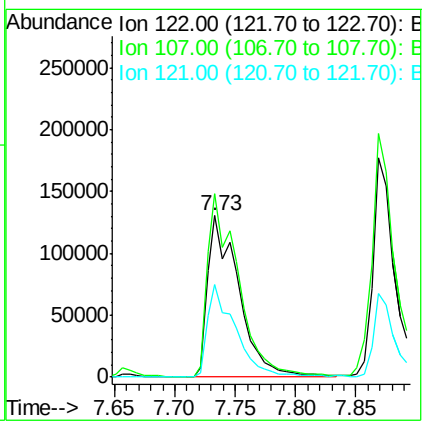


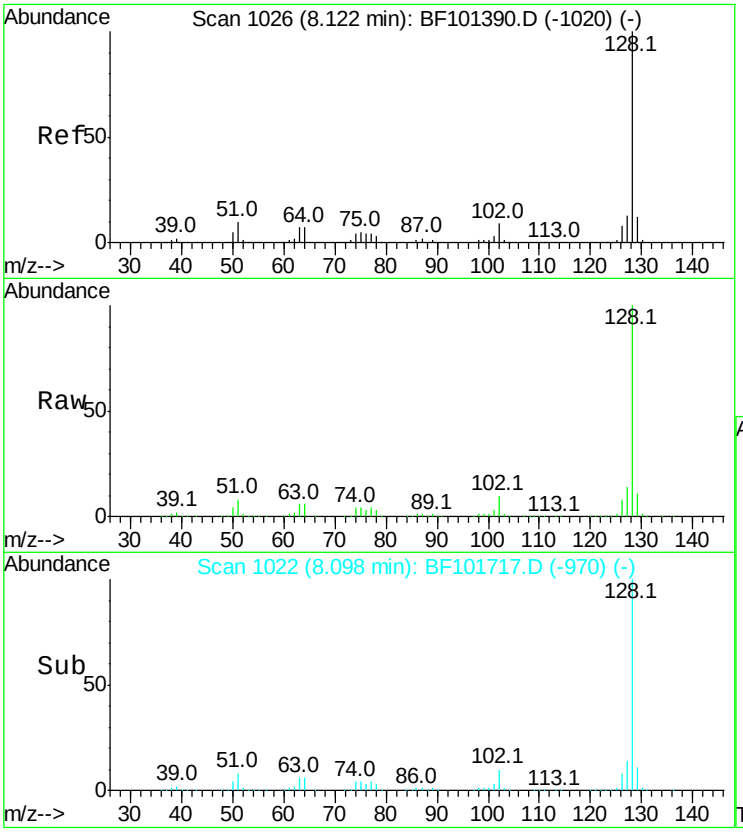


#27
2,4-Dimethylphenol
Concen: 29.414 ng
RT: 7.73 min Scan# 960
Delta R.T. -0.00 min
Lab File: BF101717.D
Acq: 26 Dec 2017 16:00

Tgt Ion:122 Resp: 232282

Ion	Ratio	Lower	Upper
122	100		
107	114.1	91.2	136.8
121	57.7	47.2	70.8



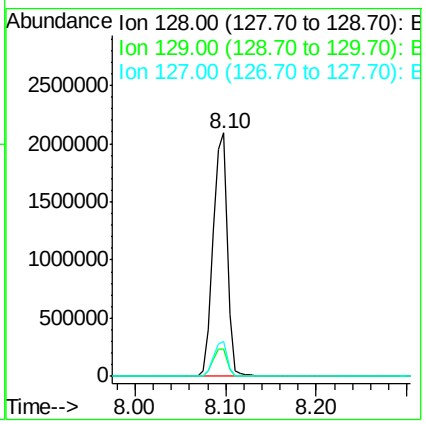


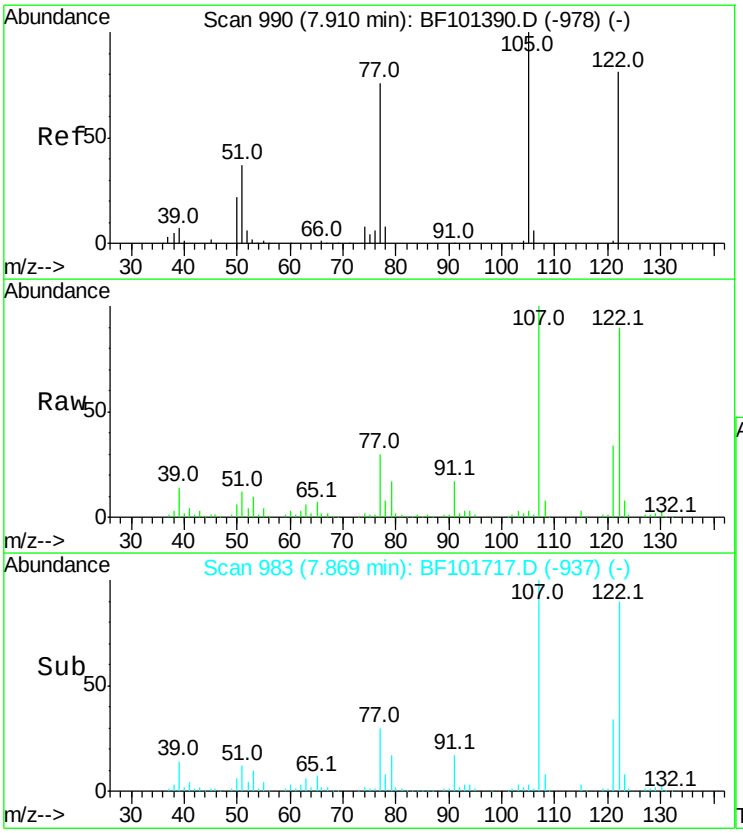
#31
Naphthalene
Concen: 82.875 ng
RT: 8.10 min Scan# 1022
Delta R.T. 0.01 min
Lab File: BF101717.D
Acq: 26 Dec 2017 16:00

Instrument :
BNA_F
ClientSampleId :
WC-10257-01DL

Tgt Ion:128 Resp: 2270526

Ion	Ratio	Lower	Upper
128	100		
129	11.3	8.8	13.2
127	14.2	10.9	16.3

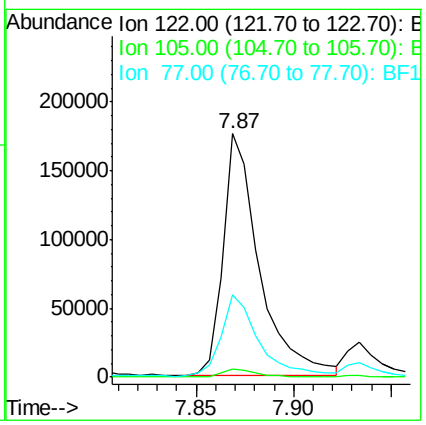


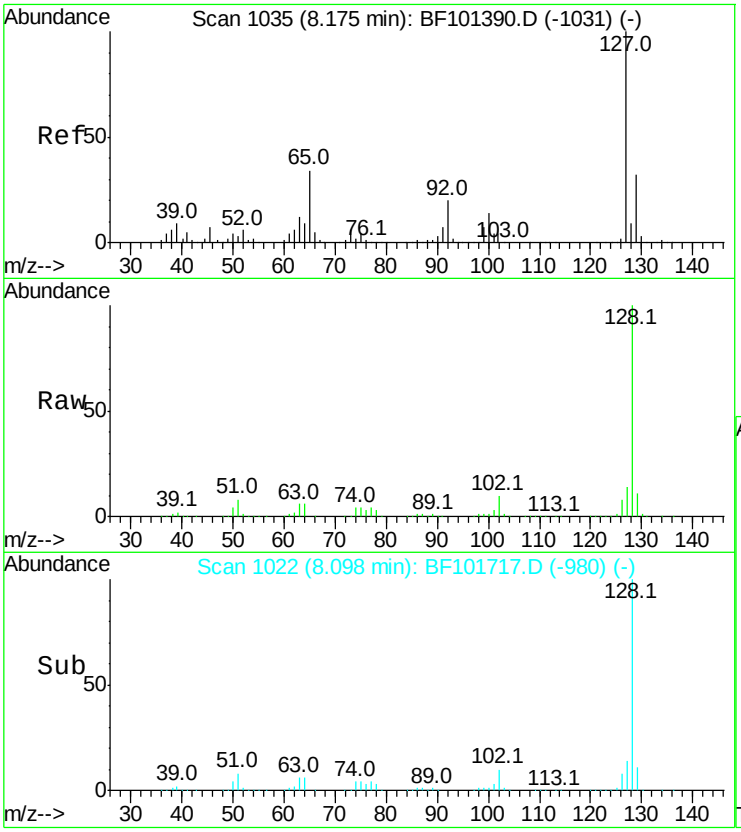


#32
Benzoic acid
Concen: 43.598 ng
RT: 7.87 min Scan# 983
Delta R.T. -0.03 min
Lab File: BF101717.D
Acq: 26 Dec 2017 16:00

Tgt Ion:122 Resp: 227326

Ion	Ratio	Lower	Upper
122	100		
105	3.2	101.1	141.1#
77	33.6	70.7	110.7#



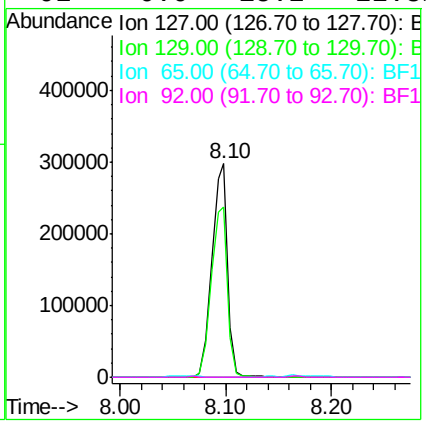


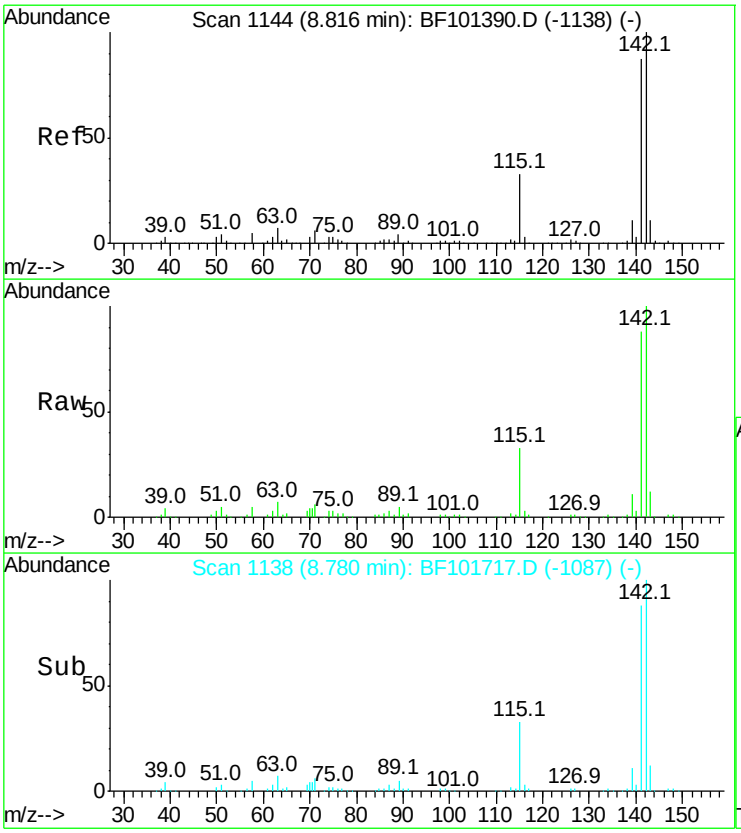
#33
4-Chloroaniline
Concen: 26.290 ng
RT: 8.10 min Scan# 1022
Delta R.T. -0.05 min
Lab File: BF101717.D
Acq: 26 Dec 2017 16:00

Instrument :
BNA_F
ClientSampleId :
WC-10257-01DL

Tgt Ion:127 Resp: 313053

Ion	Ratio	Lower	Upper
127	100		
129	79.6	25.9	38.9#
65	0.0	25.0	37.4#
92	0.0	15.2	22.8#

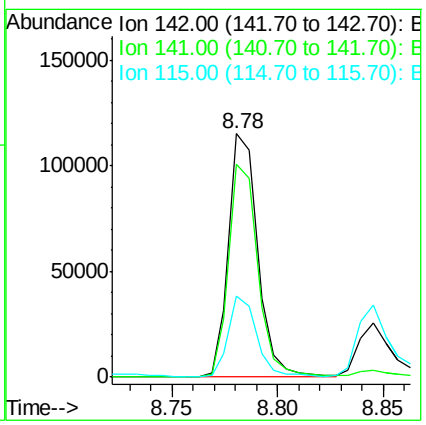


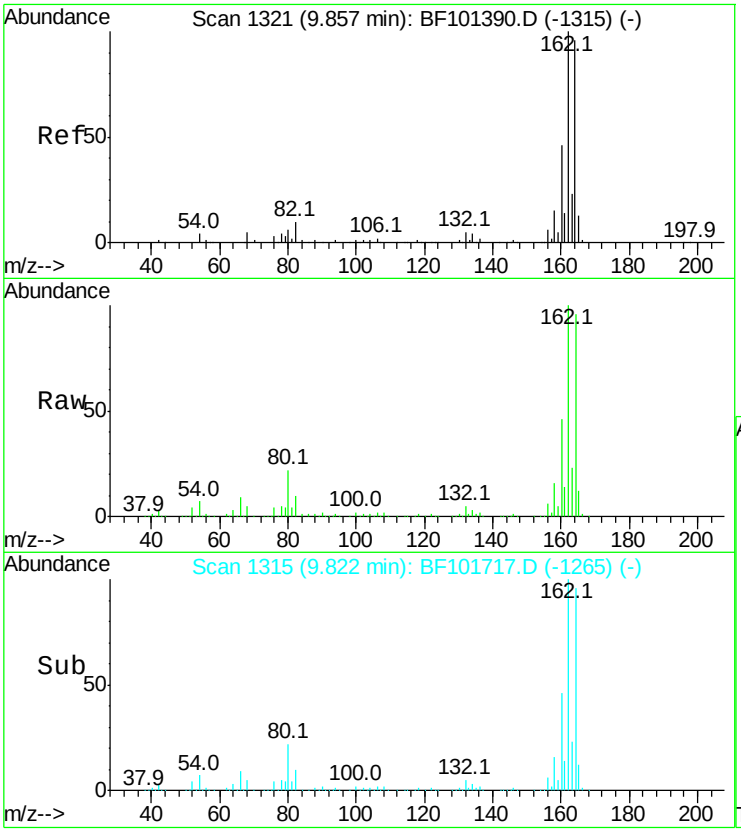


#37
2-Methylnaphthalene
Concen: 6.166 ng
RT: 8.78 min Scan# 1138
Delta R.T. -0.00 min
Lab File: BF101717.D
Acq: 26 Dec 2017 16:00

Tgt Ion:142 Resp: 110070

Ion	Ratio	Lower	Upper
142	100		
141	87.6	70.8	106.2
115	33.0	26.1	39.1

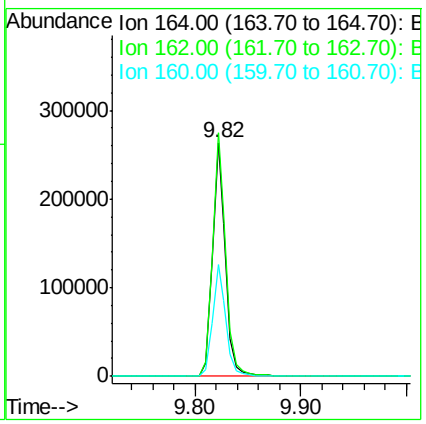




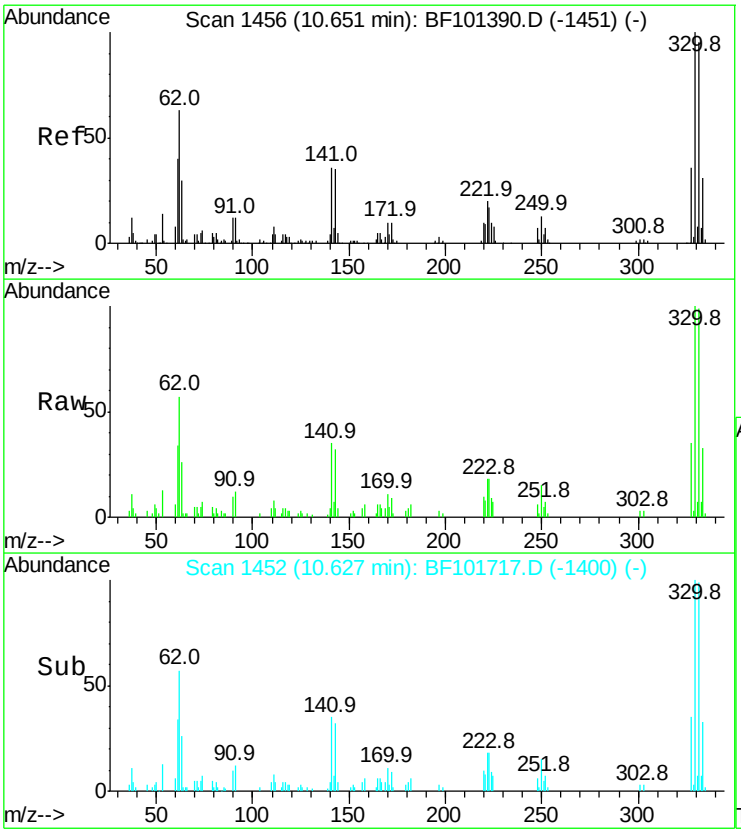
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.82 min Scan# 1315
Delta R.T. -0.01 min
Lab File: BF101717.D
Acq: 26 Dec 2017 16:00

Tgt Ion:164 Resp: 230635

Ion	Ratio	Lower	Upper
164	100		
162	104.1	86.1	129.1
160	47.8	38.3	57.5



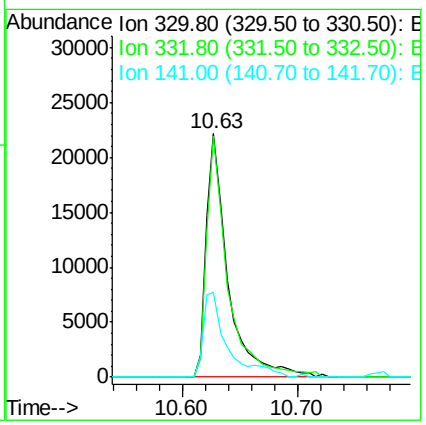
Instrument :
BNA_F
ClientSampleId :
WC-10257-01DL

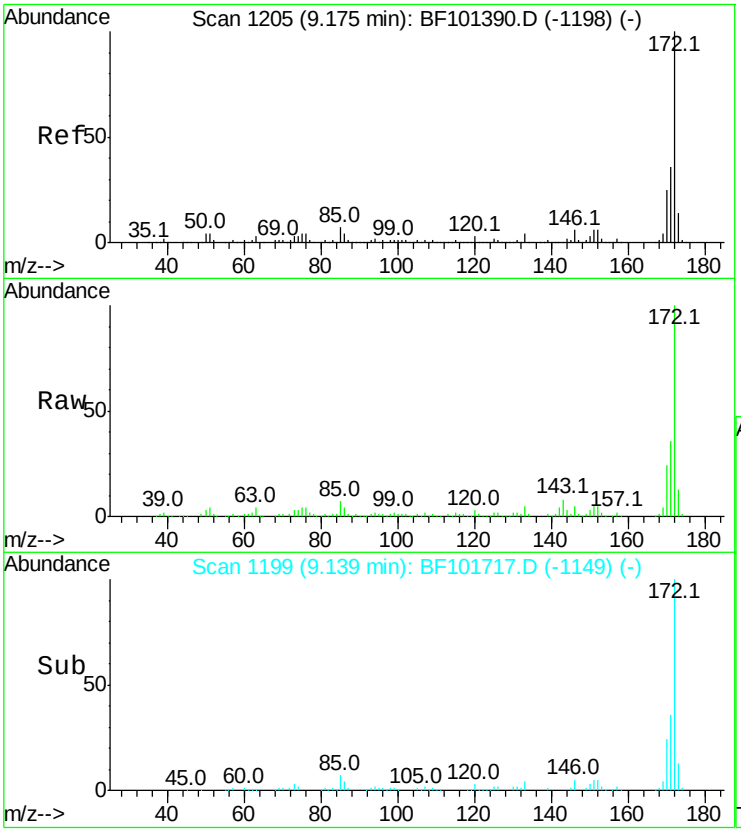


#41
2,4,6-Tribromophenol
Concen: 13.043 ng
RT: 10.63 min Scan# 1452
Delta R.T. 0.01 min
Lab File: BF101717.D
Acq: 26 Dec 2017 16:00

Tgt Ion:330 Resp: 28987

Ion	Ratio	Lower	Upper
330	100		
332	96.1	77.0	115.6
141	38.4	29.9	44.9



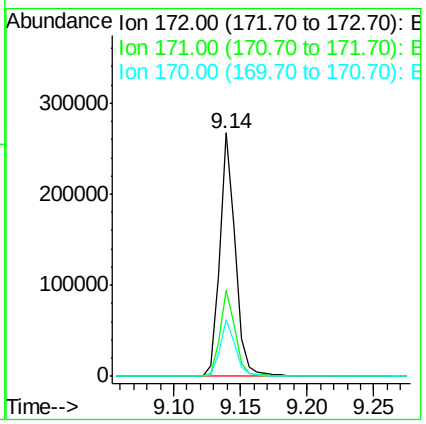


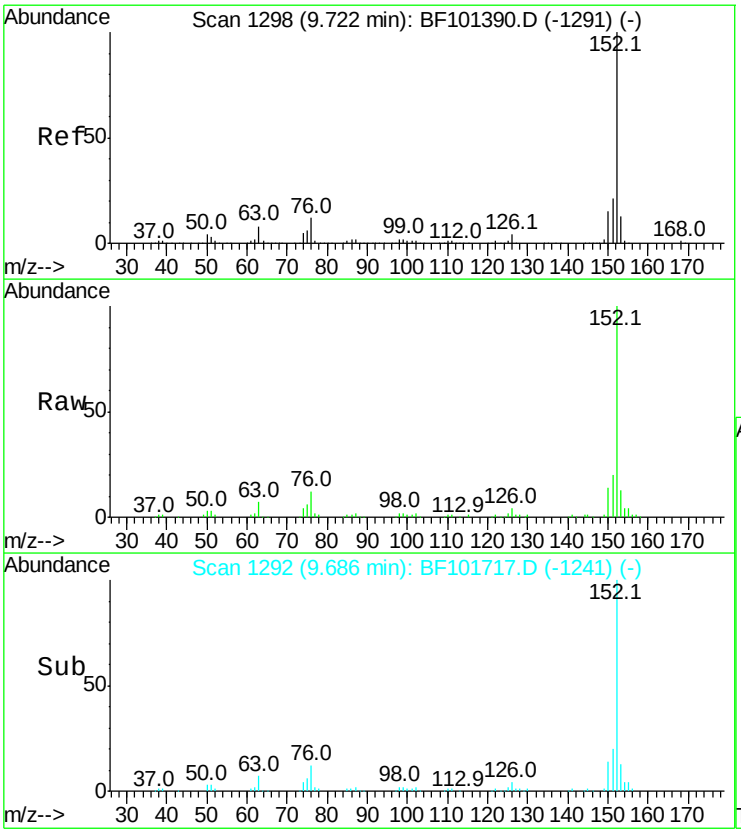
#44
2-Fluorobiphenyl
Concen: 14.757 ng
RT: 9.14 min Scan# 1199
Delta R.T. -0.01 min
Lab File: BF101717.D
Acq: 26 Dec 2017 16:00

Instrument :
BNA_F
ClientSampleId :
WC-10257-01DL

Tgt Ion:172 Resp: 219398

Ion	Ratio	Lower	Upper
172	100		
171	35.6	29.7	44.5
170	23.5	19.6	29.4

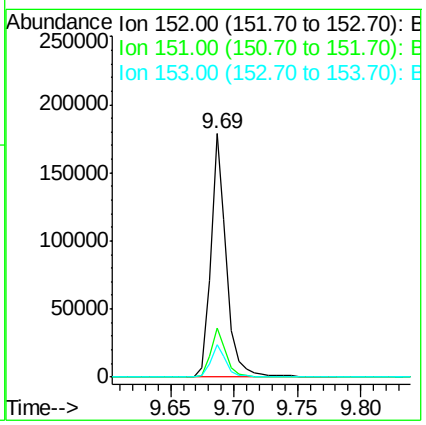


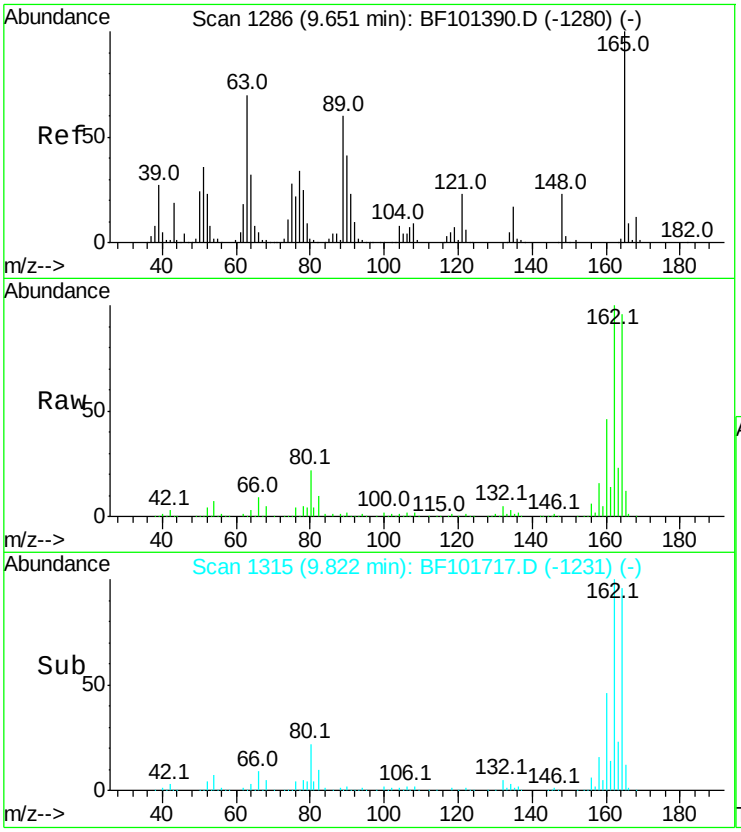


#48
Acenaphthylene
Concen: 6.231 ng
RT: 9.69 min Scan# 1292
Delta R.T. -0.00 min
Lab File: BF101717.D
Acq: 26 Dec 2017 16:00

Tgt Ion:152 Resp: 154019

Ion	Ratio	Lower	Upper
152	100		
151	20.0	16.3	24.5
153	13.4	10.7	16.1



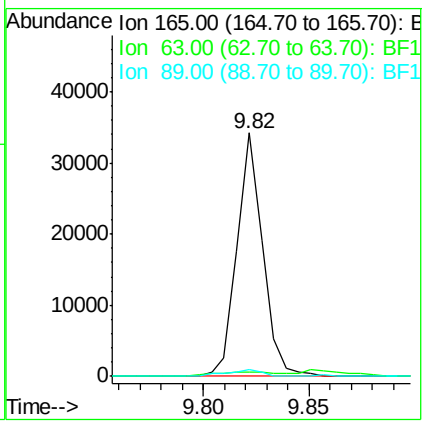


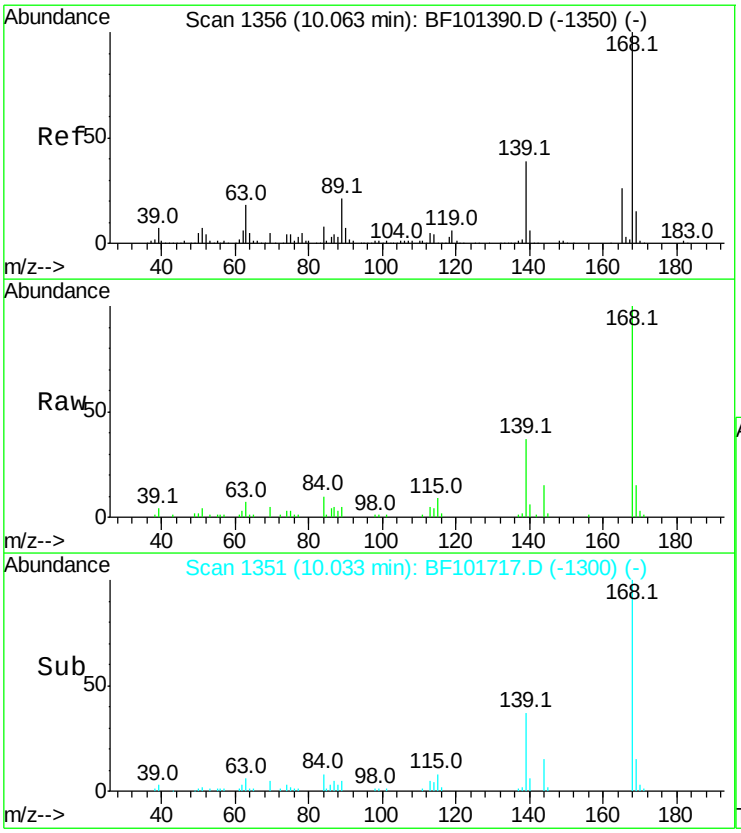
#50
2,6-Dinitrotoluene
Concen: 7.613 ng
RT: 9.82 min Scan# 1315
Delta R.T. 0.19 min
Lab File: BF101717.D
Acq: 26 Dec 2017 16:00

Instrument :
BNA_F
ClientSampleId :
WC-10257-01DL

Tgt Ion:165 Resp: 28705

Ion	Ratio	Lower	Upper
165	100		
63	1.9	44.7	67.1#
89	2.9	44.0	66.0#

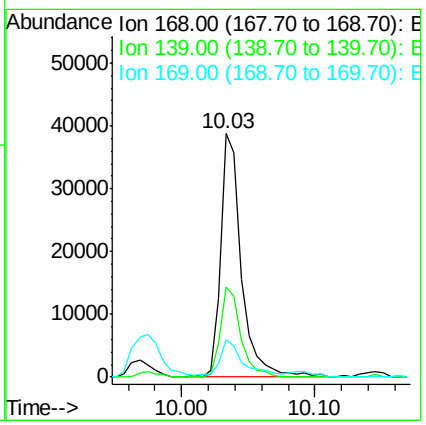


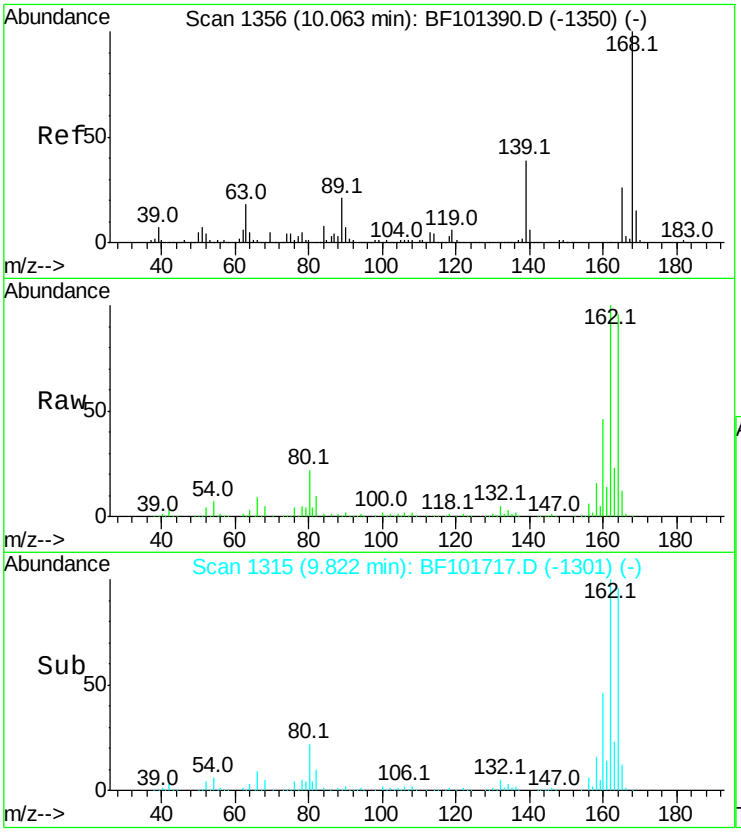


#54
Dibenzofuran
Concen: 2.247 ng
RT: 10.03 min Scan# 1351
Delta R.T. -0.00 min
Lab File: BF101717.D
Acq: 26 Dec 2017 16:00

Tgt Ion:168 Resp: 42406

Ion	Ratio	Lower	Upper
168	100		
139	36.9	30.1	45.1
169	15.2	10.9	16.3



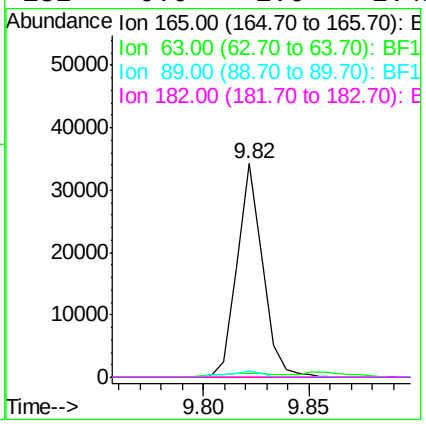


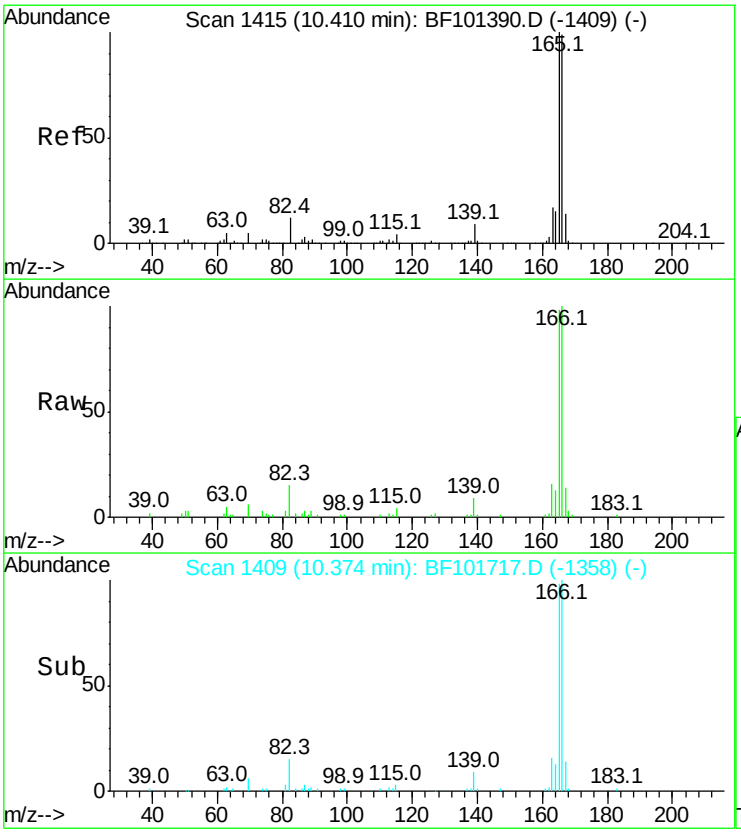
#56
2,4-Dinitrotoluene
Concen: 6.757 ng
RT: 9.82 min Scan# 1315
Delta R.T. -0.22 min
Lab File: BF101717.D
Acq: 26 Dec 2017 16:00

Instrument :
BNA_F
ClientSampleId :
WC-10257-01DL

Tgt Ion:165 Resp: 28705

Ion	Ratio	Lower	Upper
165	100		
63	1.9	36.4	54.6#
89	2.9	57.8	86.6#
182	0.0	1.6	2.4#

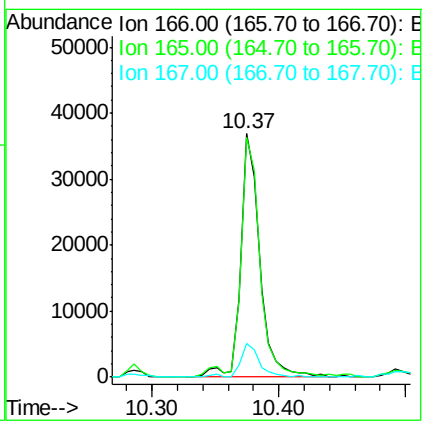


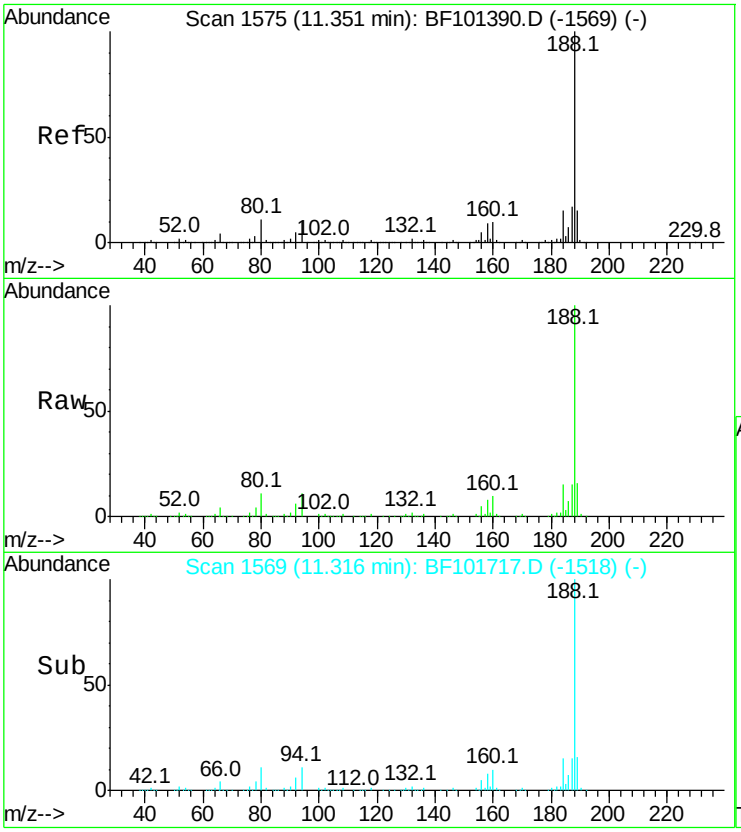


#57
Fluorene
Concen: 2.385 ng
RT: 10.37 min Scan# 1409
Delta R.T. -0.00 min
Lab File: BF101717.D
Acq: 26 Dec 2017 16:00

Tgt Ion:166 Resp: 38083

Ion	Ratio	Lower	Upper
166	100		
165	98.3	79.8	119.8
167	13.8	10.6	16.0



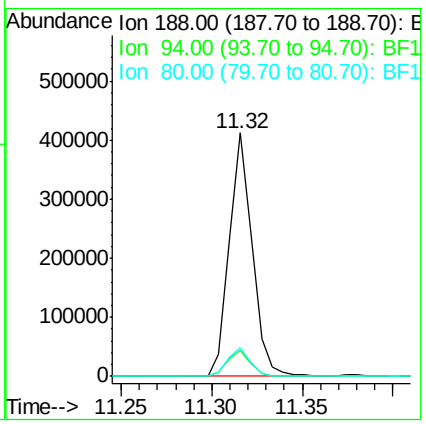


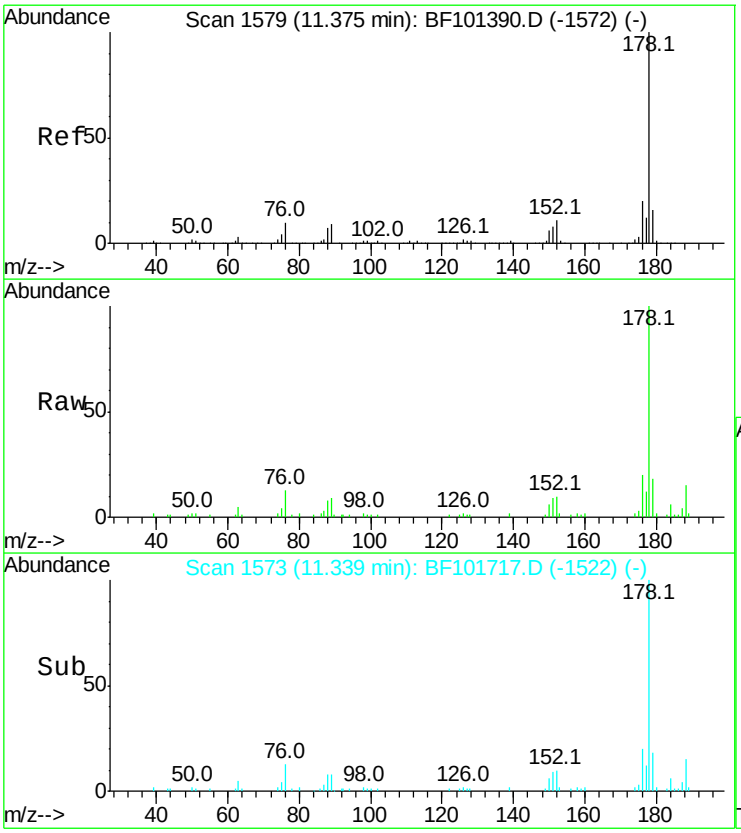
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1569
Delta R.T. -0.00 min
Lab File: BF101717.D
Acq: 26 Dec 2017 16:00

Instrument : BNA_F
ClientSampleId : WC-10257-01DL

Tgt Ion:188 Resp: 366653

Ion	Ratio	Lower	Upper
188	100		
94	10.9	8.5	12.7
80	11.5	9.2	13.8

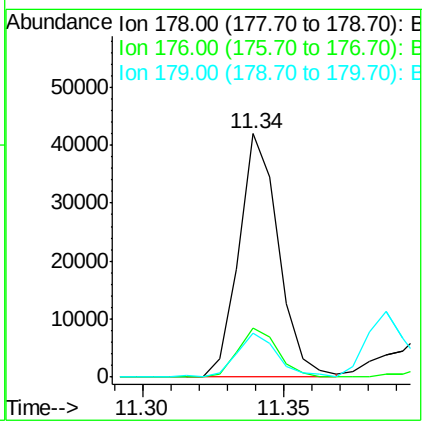


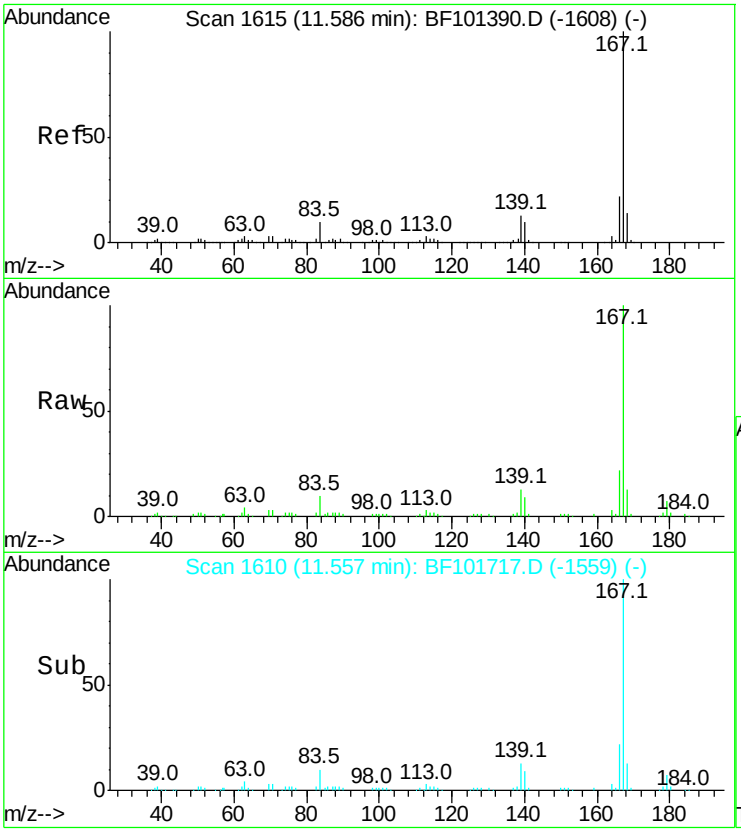


#70
Phenanthrene
Concen: 2.004 ng
RT: 11.34 min Scan# 1573
Delta R.T. -0.00 min
Lab File: BF101717.D
Acq: 26 Dec 2017 16:00

Tgt Ion:178 Resp: 40865

Ion	Ratio	Lower	Upper
178	100		
176	20.1	15.8	23.8
179	18.0	13.0	19.6



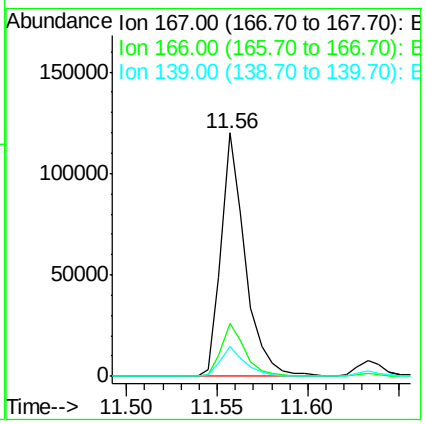


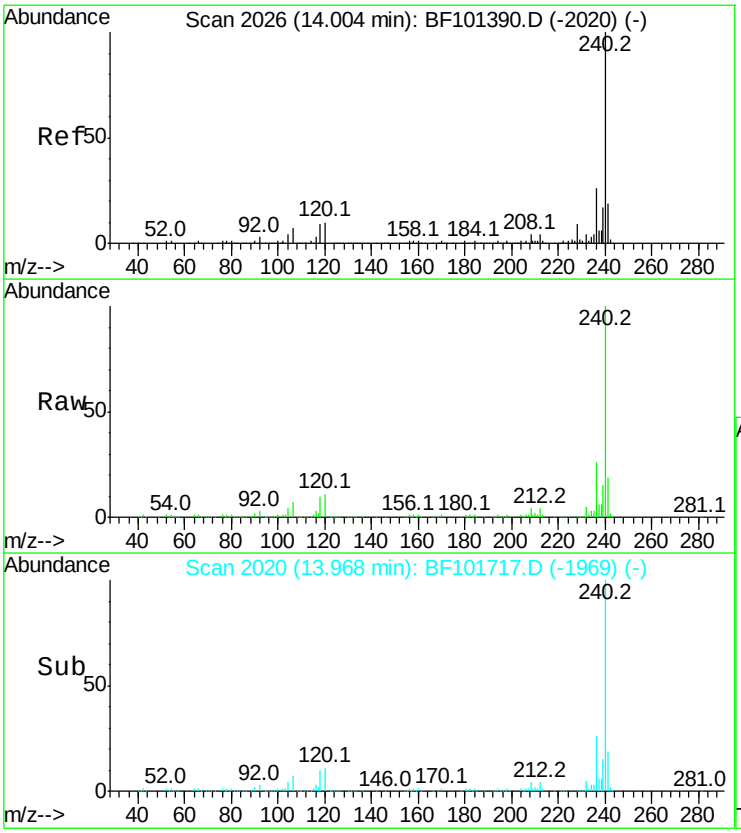
#72
Carbazole
Concen: 5.699 ng
RT: 11.56 min Scan# 1610
Delta R.T. -0.00 min
Lab File: BF101717.D
Acq: 26 Dec 2017 16:00

Instrument :
BNA_F
ClientSampleId :
WC-10257-01DL

Tgt Ion:167 Resp: 111135

Ion	Ratio	Lower	Upper
167	100		
166	21.6	17.6	26.4
139	12.5	10.9	16.3

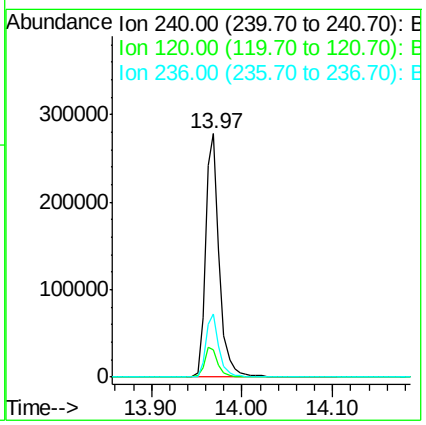


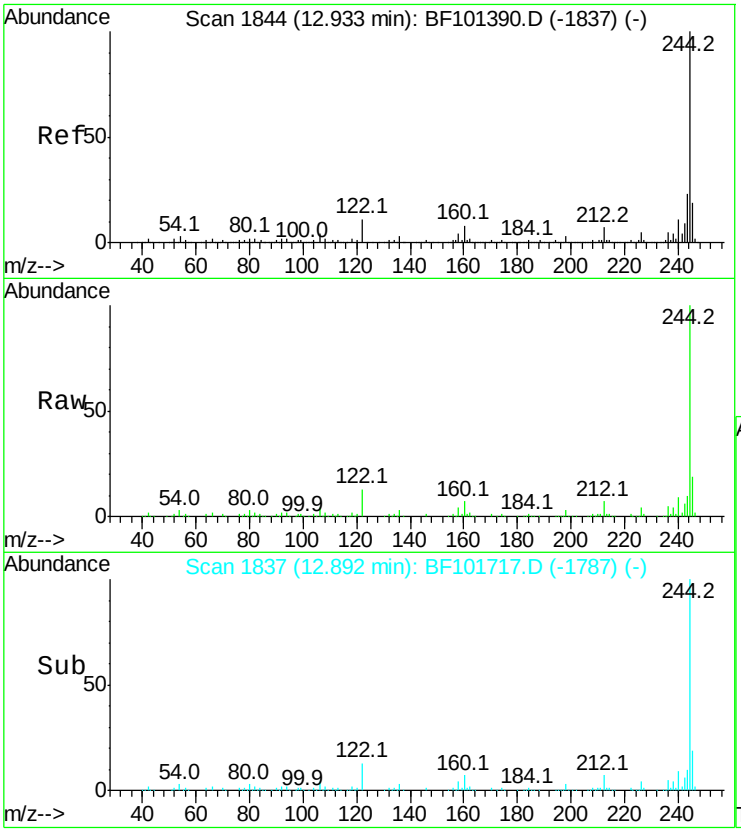


#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2020
Delta R.T. -0.00 min
Lab File: BF101717.D
Acq: 26 Dec 2017 16:00

Tgt Ion:240 Resp: 294457

Ion	Ratio	Lower	Upper
240	100		
120	11.3	9.5	14.3
236	26.0	20.7	31.1



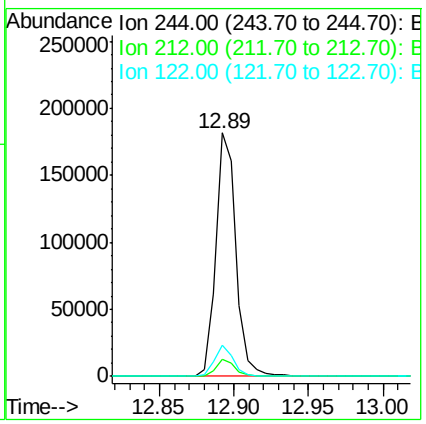


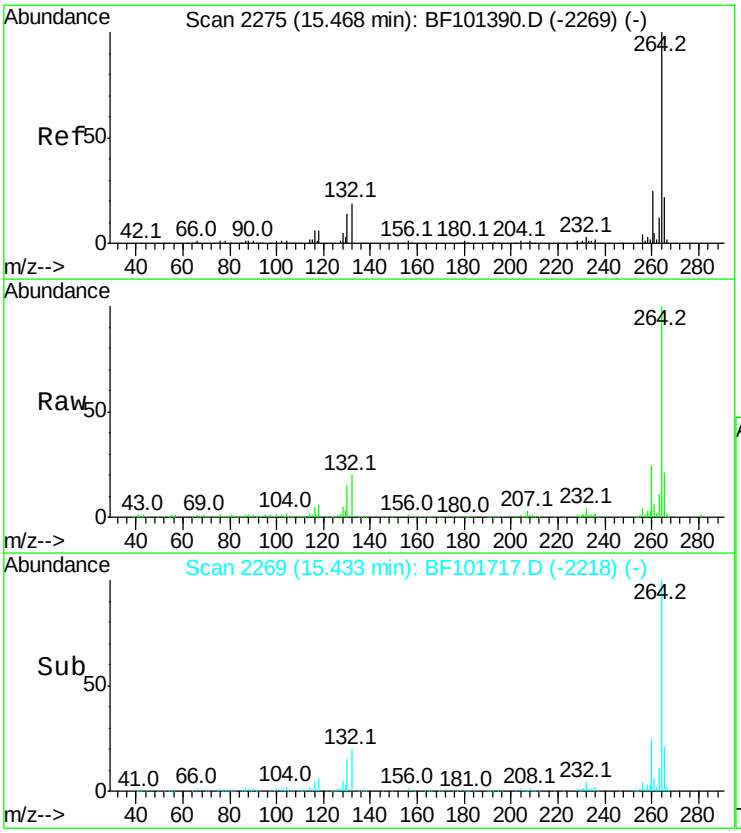
#78
Terphenyl-d14
Concen: 14.037 ng
RT: 12.89 min Scan# 1837
Delta R.T. -0.01 min
Lab File: BF101717.D
Acq: 26 Dec 2017 16:00

Instrument :
BNA_F
ClientSampleId :
WC-10257-01DL

Tgt Ion:244 Resp: 171450

Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.4	8.0
122	12.7	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: BF101717.D
Acq: 26 Dec 2017 16:00

Tgt Ion:264 Resp: 282166

Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.2	28.8
265	20.6	17.5	26.3