Quantitation Report (Not Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF091417\
Data File : BF098542.D
Acq On : 14 Sep 2017 21:53
Operator : SJ/JU
Sample : I5160-06
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : G-8-2

Quant Time: Sep 15 05:02:12 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF091117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 12 02:14:50 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.65	152	137030	20.00	ng		-0.02
21) Naphthalene-d8	7.93	136	552336	20.00	ng		-0.02
38) Acenaphthene-d10	9.68	164	241558	20.00	ng		-0.02
63) Phenanthrene-d10	11.16	188	381059	20.00	ng		-0.02
75) Chrysene-d12	13.80	240	258570	20.00	ng		-0.02
86) Perylene-d12	15.20	264	298660	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.26	112	1192122	128.63	ng		-0.02
7) Phenol-d6	6.30	99	1467361	124.70	ng		-0.02
23) Nitrobenzene-d5	7.22	82	894347	90.27	ng		-0.02
41) 2,4,6-Tribromophenol	10.47	330	236204	146.51	ng		-0.02
44) 2-Fluorobiphenyl	9.01	172	1483805	104.11	ng		-0.02
78) Terphenyl-d14	12.74	244	913475	76.25	ng		-0.02
Target Compounds							Qvalue
10) Phenol	6.32	94	31850	2.330	ng		86
15) Benzyl Alcohol	6.80	79	17062	2.179	ng	#	35
19) n-Nitroso-di-n-propylamine	7.22	70	122485	16.548	ng	#	79
25) Isophorone	7.22	82	882152	44.008	ng	#	67
31) Naphthalene	7.95	128	106418	3.897	ng		99
32) Benzoic acid	7.76	122	3185	8.425	ng	#	45
37) 2-Methylnaphthalene	8.65	142	77085	4.661	ng		99
48) Acenaphthylene	9.54	152	51464	2.242	ng	#	95
49) Dimethylphthalate	9.40	163	214186	11.455	ng		99
53) 2,4-Dinitrophenol	9.96	184	1043	9.038	ng	#	4
54) Dibenzofuran	9.89	168	39444	2.052	ng	#	95
64) 4,6-Dinitro-2-methylphenol	10.50	198	1023	5.357	ng		95
66) 4-Bromophenyl-phenylether	10.47	248	18535	5.125	ng	#	1
70) Phenanthrene	11.19	178	449096	22.231	ng		98
71) Anthracene	11.24	178	118130	5.696	ng		98
72) Carbazole	11.40	167	55075	2.849	ng		96
74) Fluoranthene	12.37	202	806816	39.896	ng		99
77) Pyrene	12.60	202	707600	34.690	ng		98
80) Benzo(a)anthracene	13.79	228	449411	29.646	ng		98
82) Chrysene	13.82	228	437450	28.547	ng		97
85) Indeno(1,2,3-cd)pyrene	16.54	276	305673	28.432	ng	#	91
87) Benzo(b)fluoranthene	14.81	252	972818	51.804	ng		99
88) Benzo(k)fluoranthene	14.90	252	112222	6.401	ng		96
89) Benzo(a)pyrene	15.14	252	456944	27.313	ng		97
91) Benzo(g,h,i)perylene	16.94	276	279495	22.833	ng		96

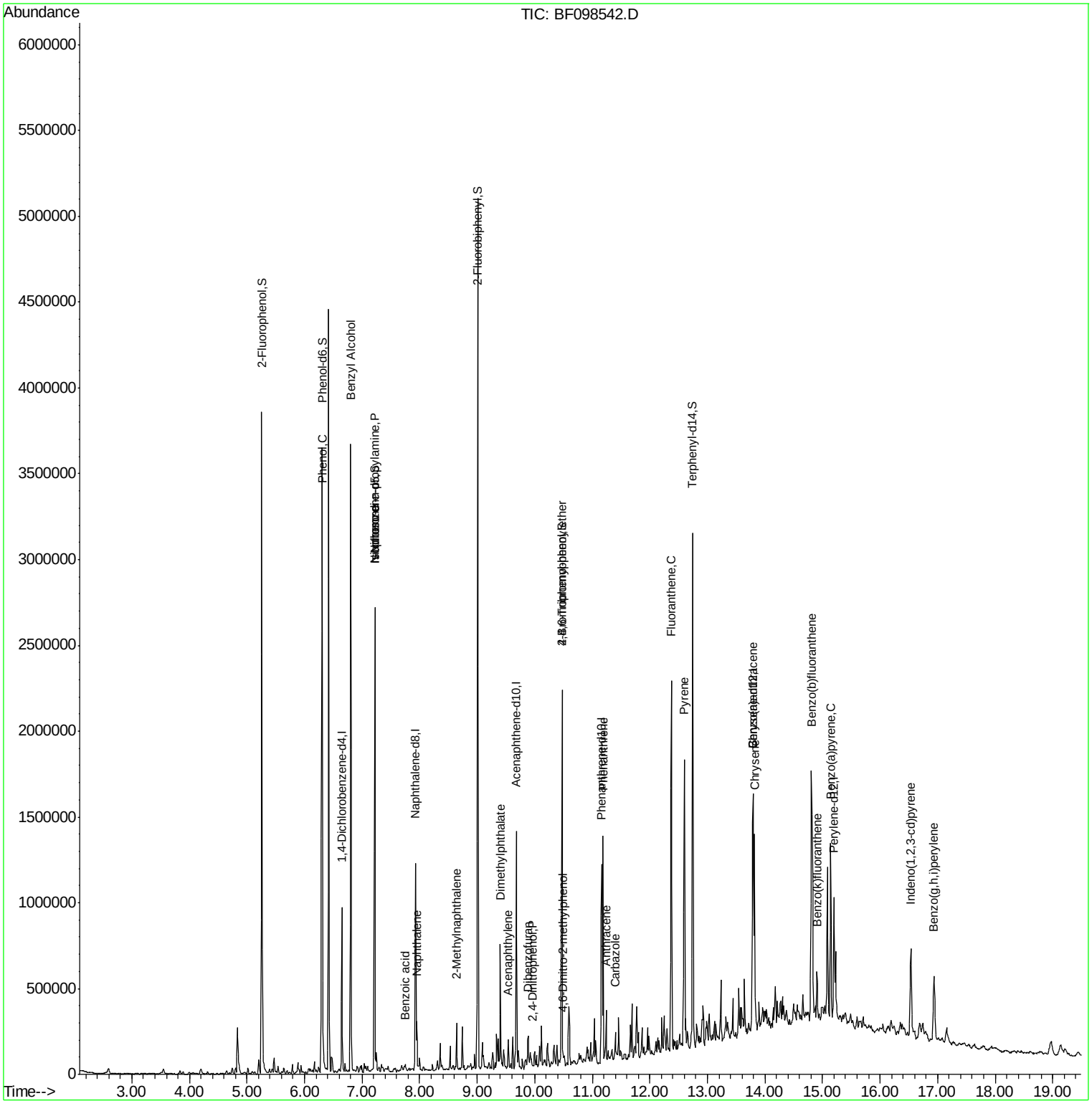
(#) = qualifier out of range (m) = manual integration (+) = signals summed

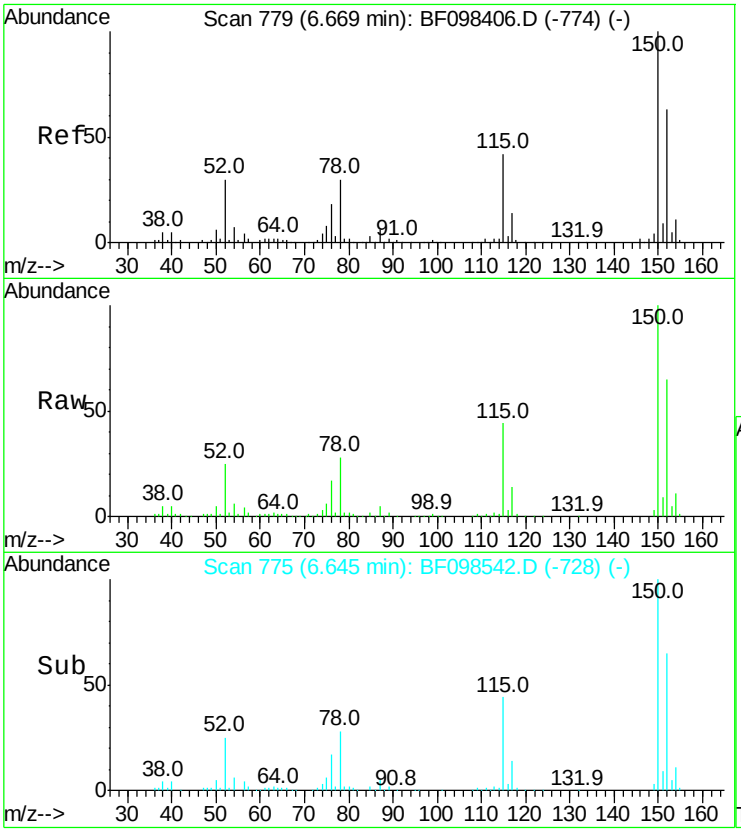
Quantitation Report (Not Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF091417\
Data File : BF098542.D
Acq On : 14 Sep 2017 21:53
Operator : SJ/JU
Sample : I5160-06
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : G-8-2

Quant Time: Sep 15 05:02:12 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF091117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 12 02:14:50 2017
Response via : Initial Calibration



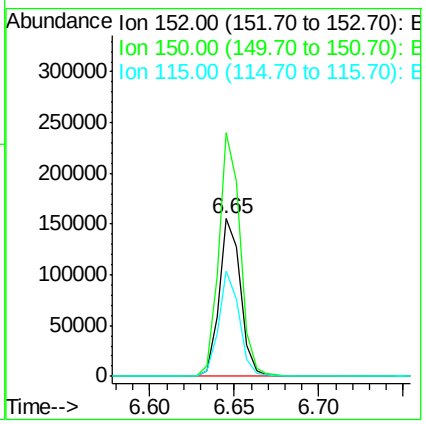


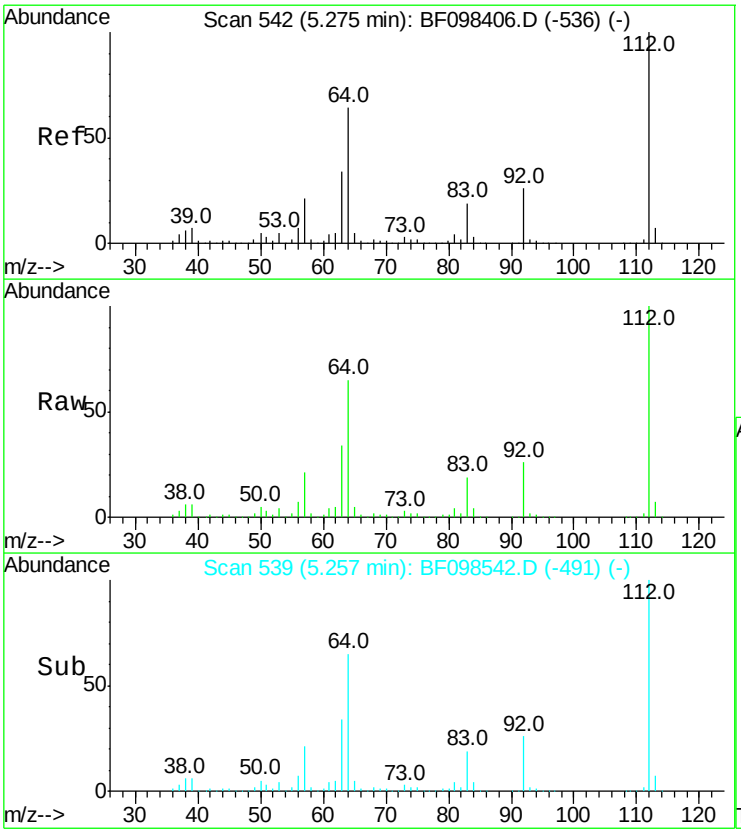
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.65 min Scan# 775
Delta R.T. -0.02 min
Lab File: BF098542.D
Acq: 14 Sep 2017 21:53

Instrument :
BNA_F
ClientSampleId :
G-8-2

Tgt Ion:152 Resp: 137030

Ion	Ratio	Lower	Upper
152	100		
150	154.4	126.2	189.2
115	67.2	52.2	78.2

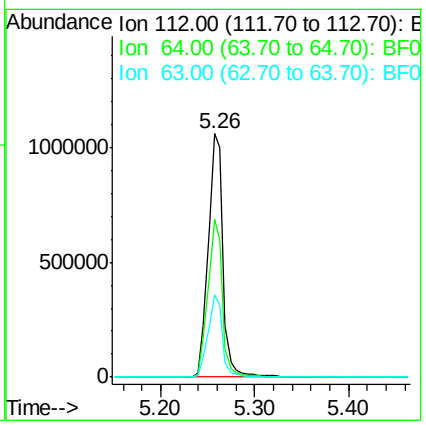


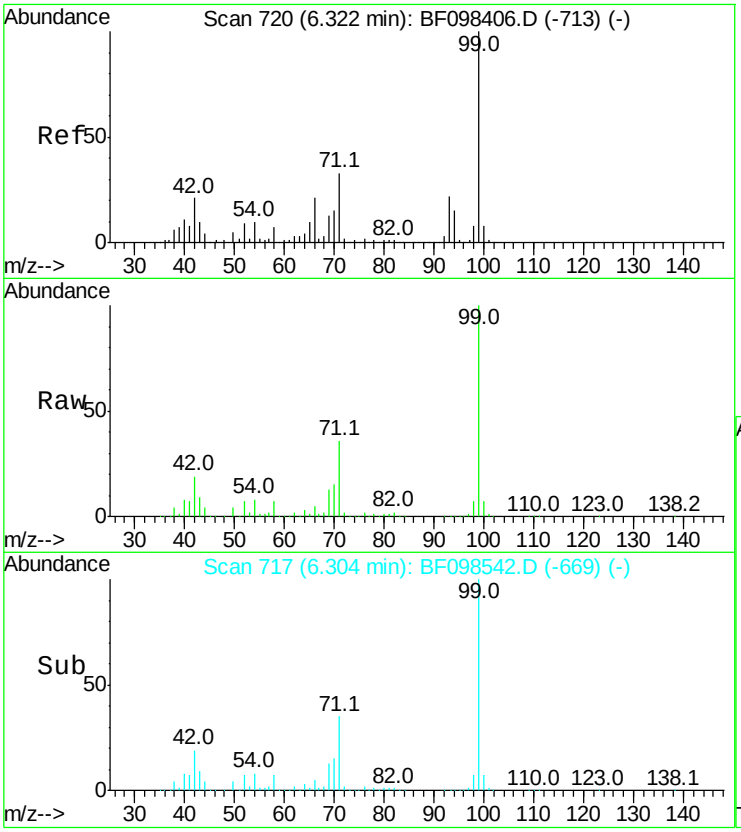


#5
2-Fluorophenol
Concen: 128.627 ng
RT: 5.26 min Scan# 539
Delta R.T. -0.02 min
Lab File: BF098542.D
Acq: 14 Sep 2017 21:53

Tgt Ion:112 Resp: 1192122

Ion	Ratio	Lower	Upper
112	100		
64	65.0	46.0	69.0
63	33.6	23.4	35.0



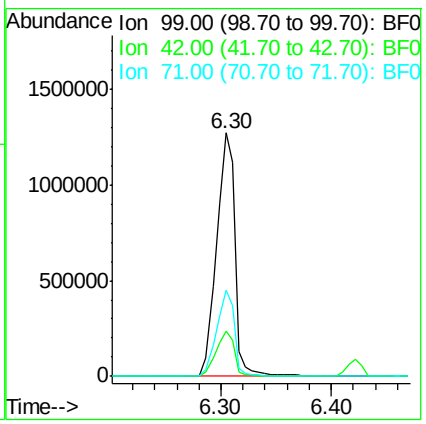


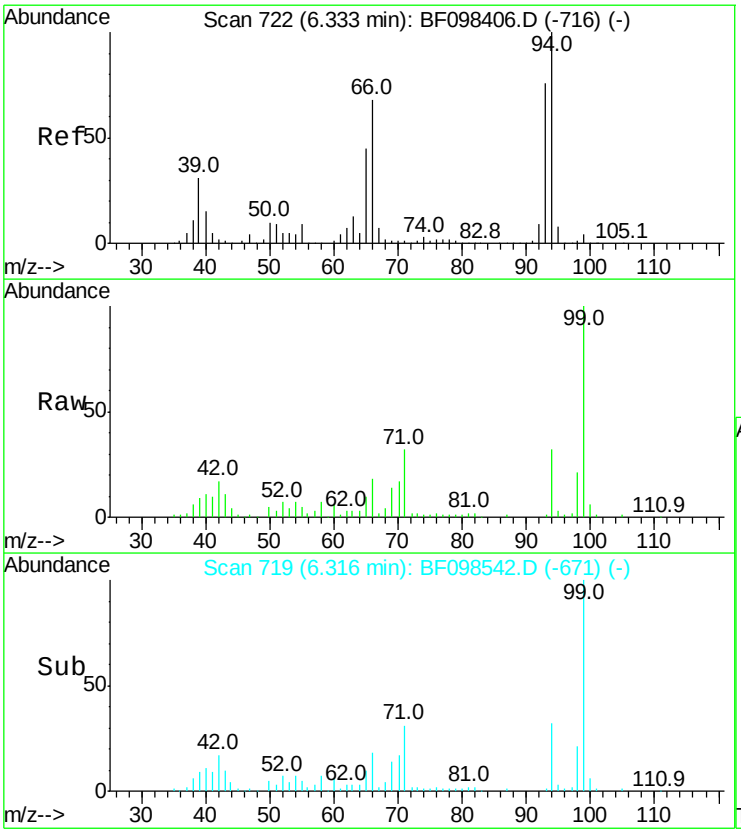
#7
Phenol-d6
Concen: 124.698 ng
RT: 6.30 min Scan# 717
Delta R.T. -0.02 min
Lab File: BF098542.D
Acq: 14 Sep 2017 21:53

Instrument :
BNA_F
ClientSampleId :
G-8-2

Tgt Ion: 99 Resp: 1467361

Ion	Ratio	Lower	Upper
99	100		
42	18.7	13.5	20.3
71	35.5	24.5	36.7

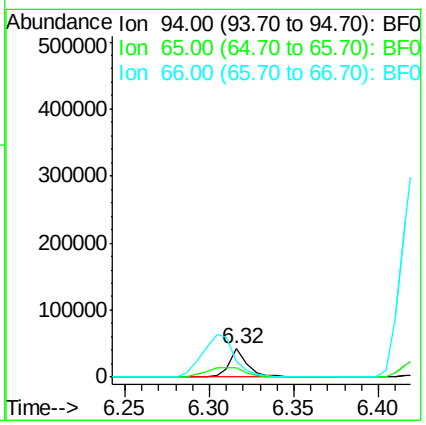


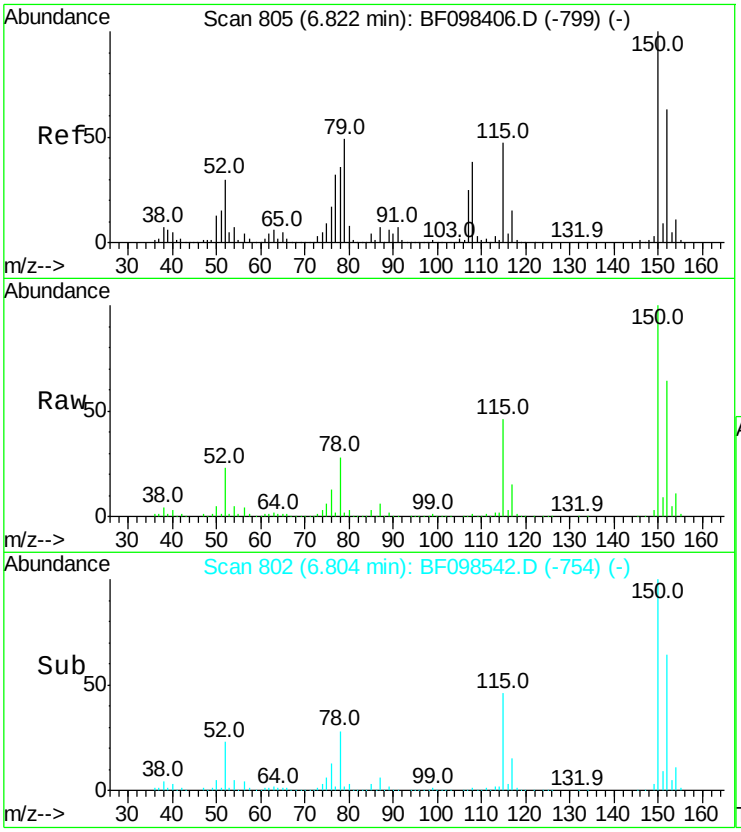


#10
Phenol
Concen: 2.330 ng
RT: 6.32 min Scan# 719
Delta R.T. -0.02 min
Lab File: BF098542.D
Acq: 14 Sep 2017 21:53

Tgt Ion: 94 Resp: 31850

Ion	Ratio	Lower	Upper
94	100		
65	32.2	9.9	49.9
66	56.1	23.1	63.1



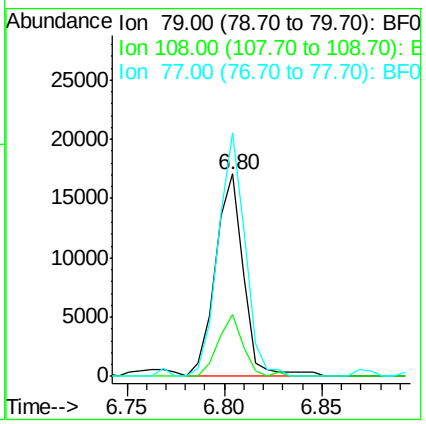


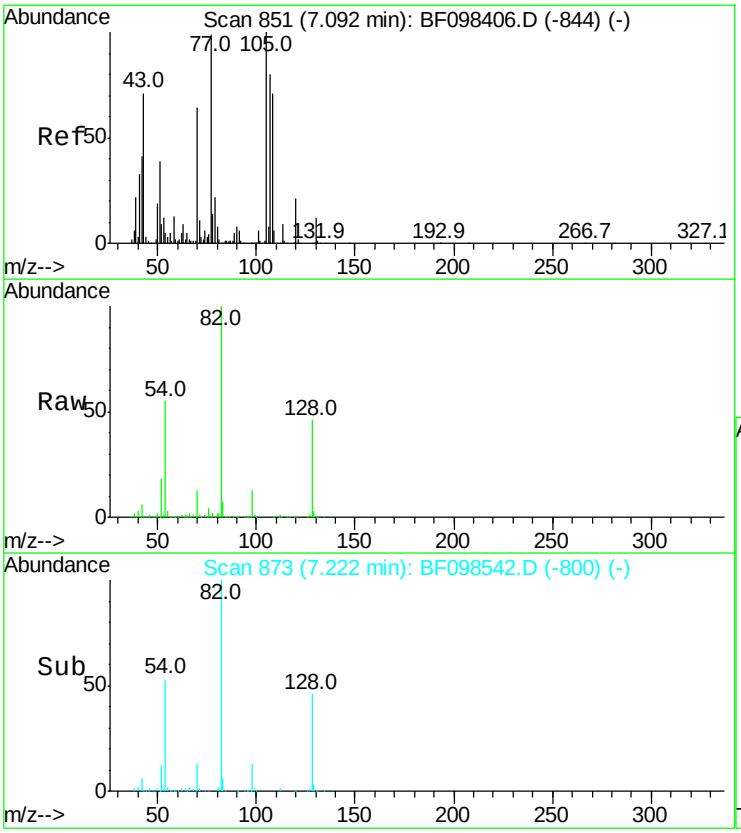
#15
Benzyl Alcohol
Concen: 2.179 ng
RT: 6.80 min Scan# 802
Delta R.T. -0.02 min
Lab File: BF098542.D
Acq: 14 Sep 2017 21:53

Instrument :
BNA_F
ClientSampleId :
G-8-2

Tgt Ion: 79 Resp: 17062

Ion	Ratio	Lower	Upper
79	100		
108	30.7	63.4	95.0#
77	120.4	49.2	73.8#

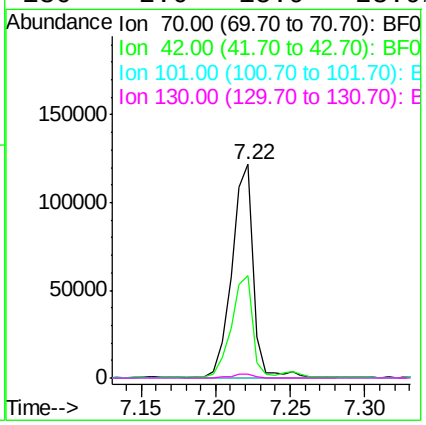


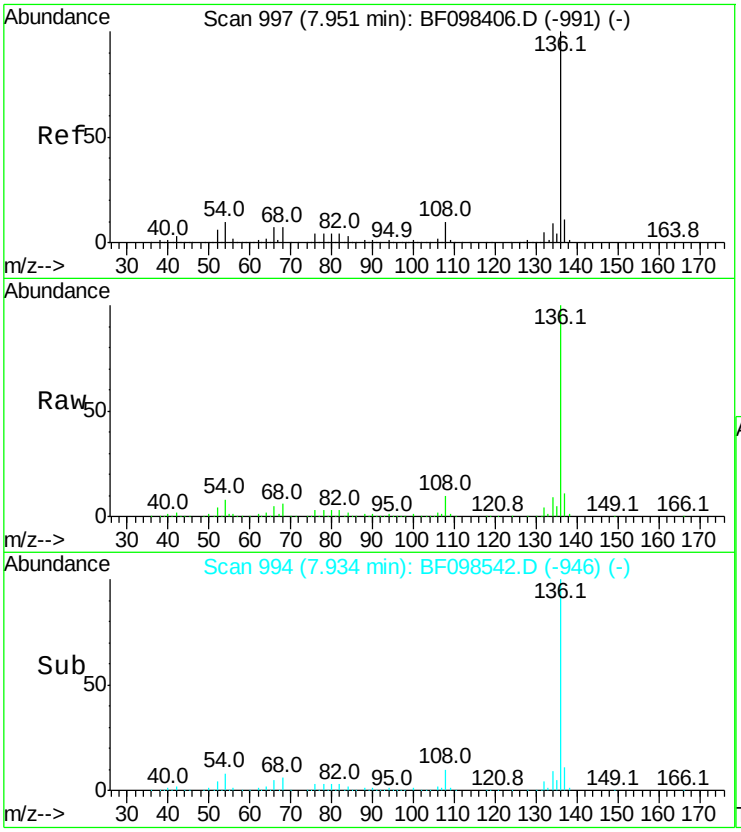


#19
n-Nitroso-di-n-propylamine
Concen: 16.548 ng
RT: 7.22 min Scan# 873
Delta R.T. 0.13 min
Lab File: BF098542.D
Acq: 14 Sep 2017 21:53

Tgt Ion: 70 Resp: 122485

Ion	Ratio	Lower	Upper
70	100		
42	48.0	47.2	70.8
101	0.0	7.2	10.8#
130	2.0	15.9	23.9#



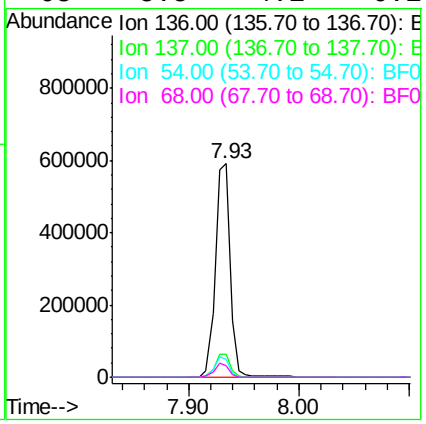


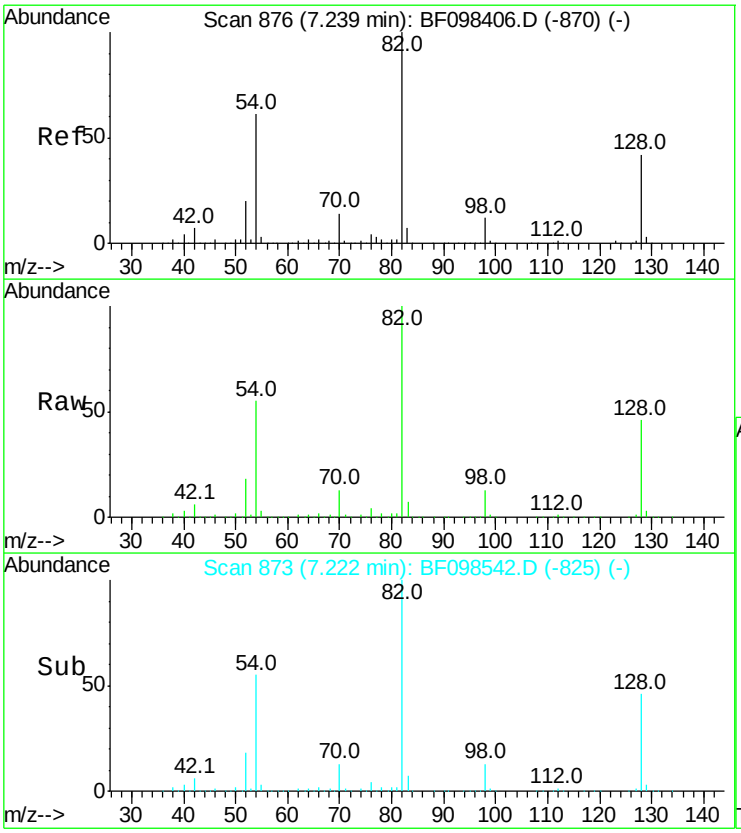
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.93 min Scan# 994
Delta R.T. -0.02 min
Lab File: BF098542.D
Acq: 14 Sep 2017 21:53

Instrument :
BNA_F
ClientSampleId :
G-8-2

Tgt Ion:136 Resp: 552336

Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.5	12.7
54	8.5	4.9	7.3#
68	5.5	4.1	6.1

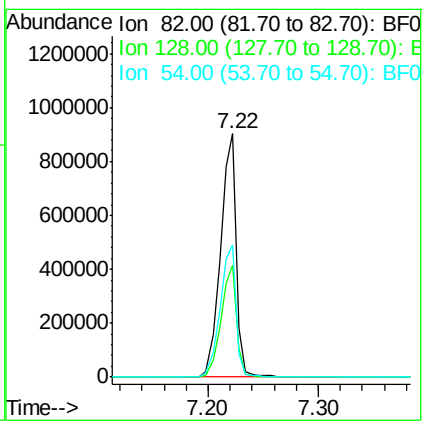


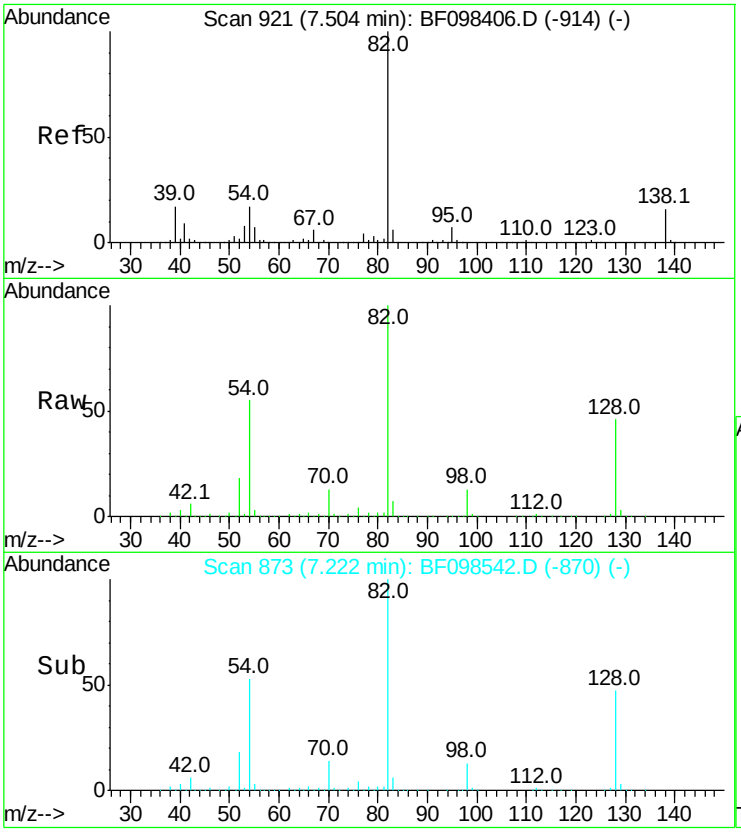


#23
Nitrobenzene-d5
Concen: 90.270 ng
RT: 7.22 min Scan# 873
Delta R.T. -0.02 min
Lab File: BF098542.D
Acq: 14 Sep 2017 21:53

Tgt Ion: 82 Resp: 894347

Ion	Ratio	Lower	Upper
82	100		
128	46.0	34.0	51.0
54	54.5	42.2	63.2



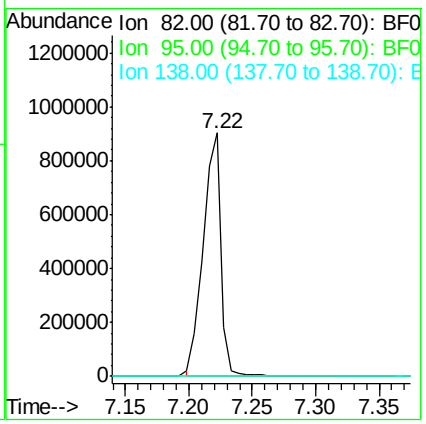


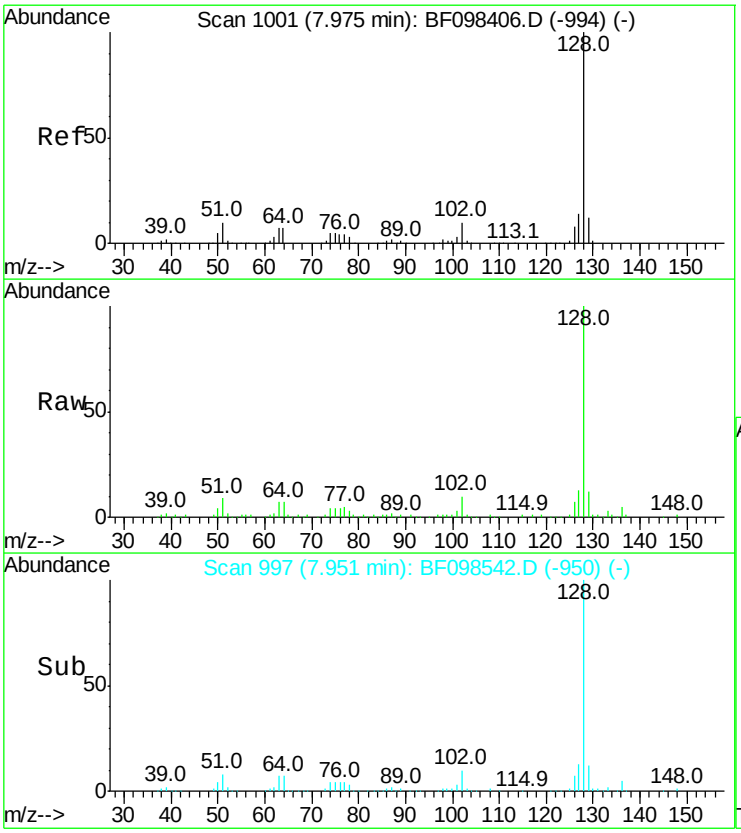
#25
Isophorone
Concen: 44.008 ng
RT: 7.22 min Scan# 873
Delta R.T. -0.28 min
Lab File: BF098542.D
Acq: 14 Sep 2017 21:53

Instrument :
BNA_F
ClientSampleId :
G-8-2

Tgt Ion: 82 Resp: 882152

Ion	Ratio	Lower	Upper
82	100		
95	0.1	5.3	7.9#
138	0.0	13.1	19.7#

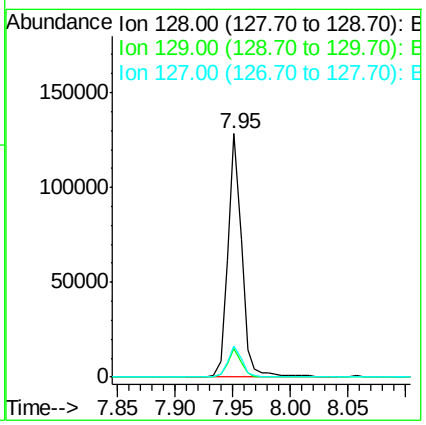


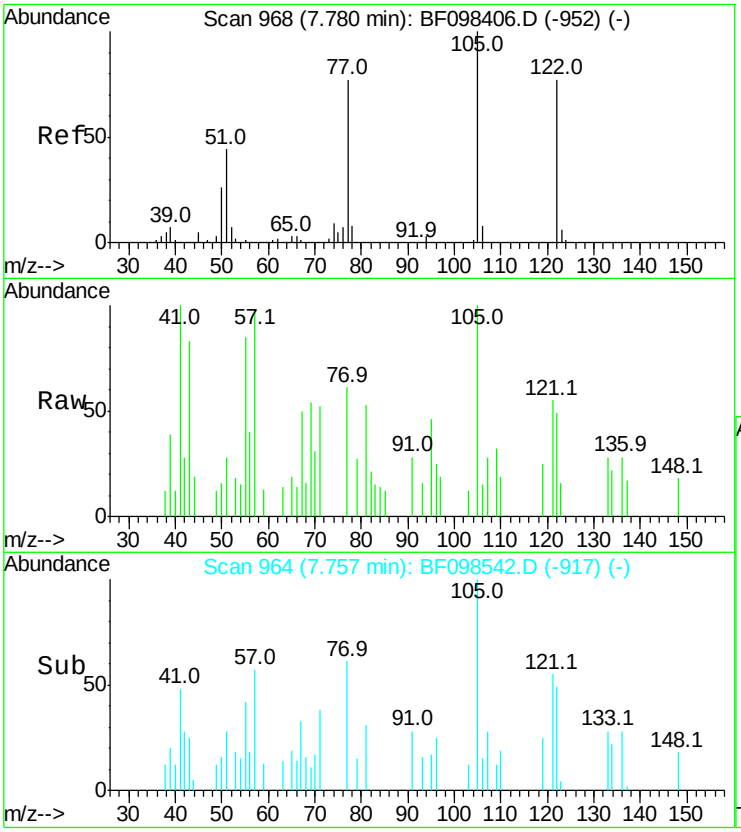


#31
Naphthalene
Concen: 3.897 ng
RT: 7.95 min Scan# 997
Delta R.T. -0.02 min
Lab File: BF098542.D
Acq: 14 Sep 2017 21:53

Tgt Ion:128 Resp: 106418

Ion	Ratio	Lower	Upper
128	100		
129	11.6	9.0	13.6
127	13.0	10.8	16.2



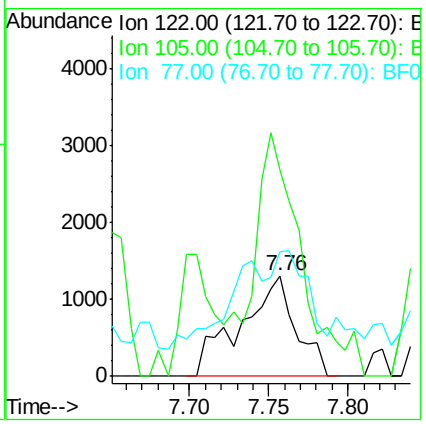


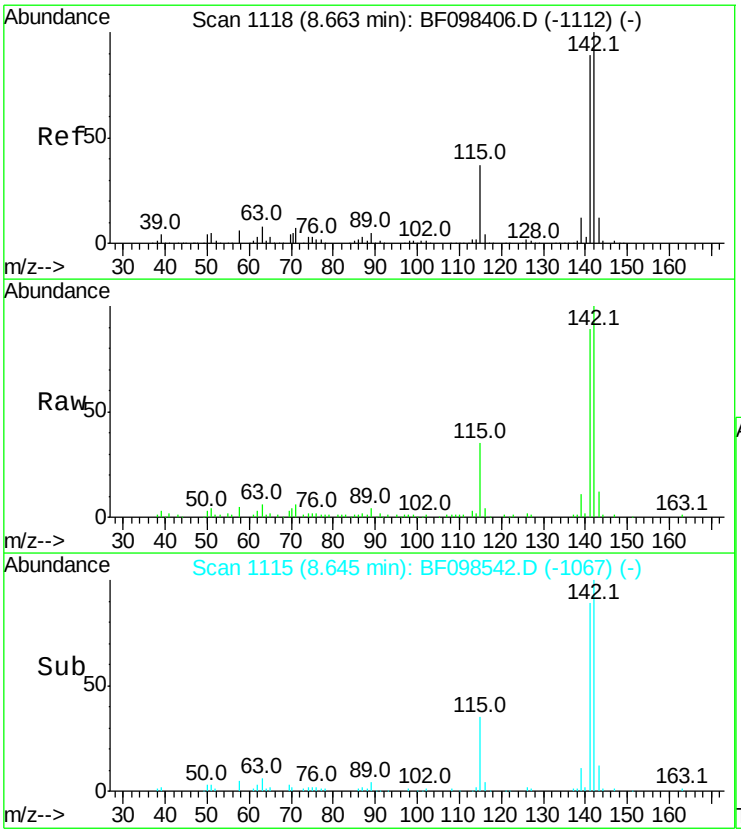
#32
Benzoic acid
Concen: 8.425 ng
RT: 7.76 min Scan# 964
Delta R.T. -0.02 min
Lab File: BF098542.D
Acq: 14 Sep 2017 21:53

Instrument :
BNA_F
ClientSampleId :
G-8-2

Tgt Ion:122 Resp: 3185

Ion	Ratio	Lower	Upper
122	100		
105	205.9	103.3	143.3#
77	124.8	73.7	113.7#

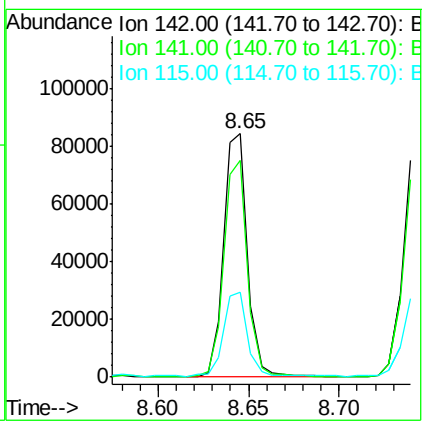


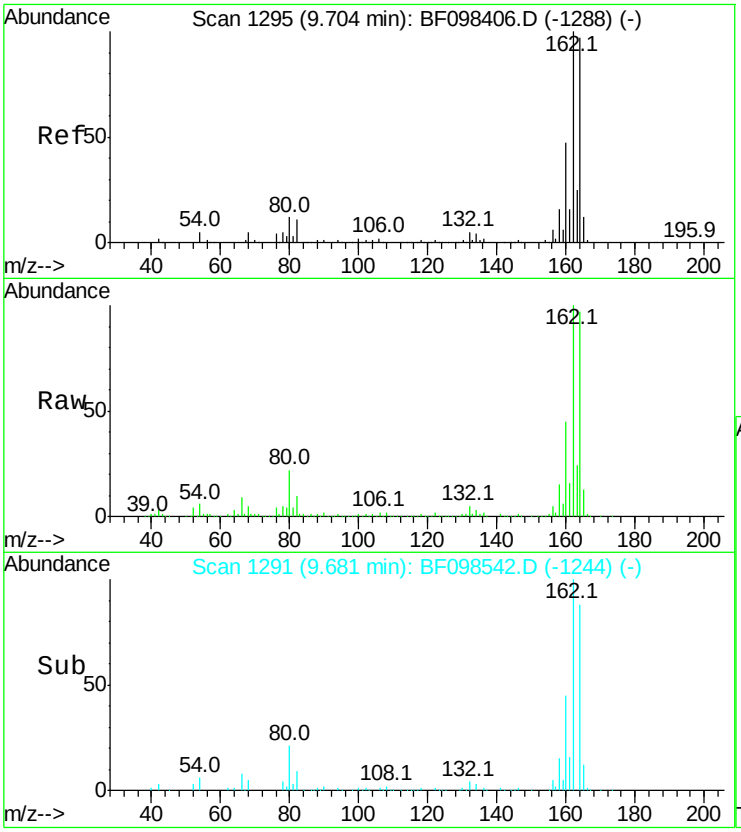


#37
2-Methylnaphthalene
Concen: 4.661 ng
RT: 8.65 min Scan# 1115
Delta R.T. -0.02 min
Lab File: BF098542.D
Acq: 14 Sep 2017 21:53

Tgt Ion:142 Resp: 77085

Ion	Ratio	Lower	Upper
142	100		
141	89.1	71.3	106.9
115	34.9	27.1	40.7



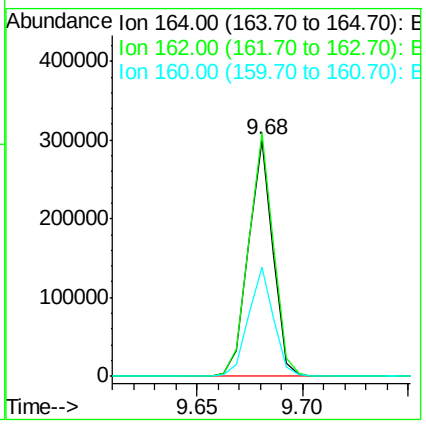


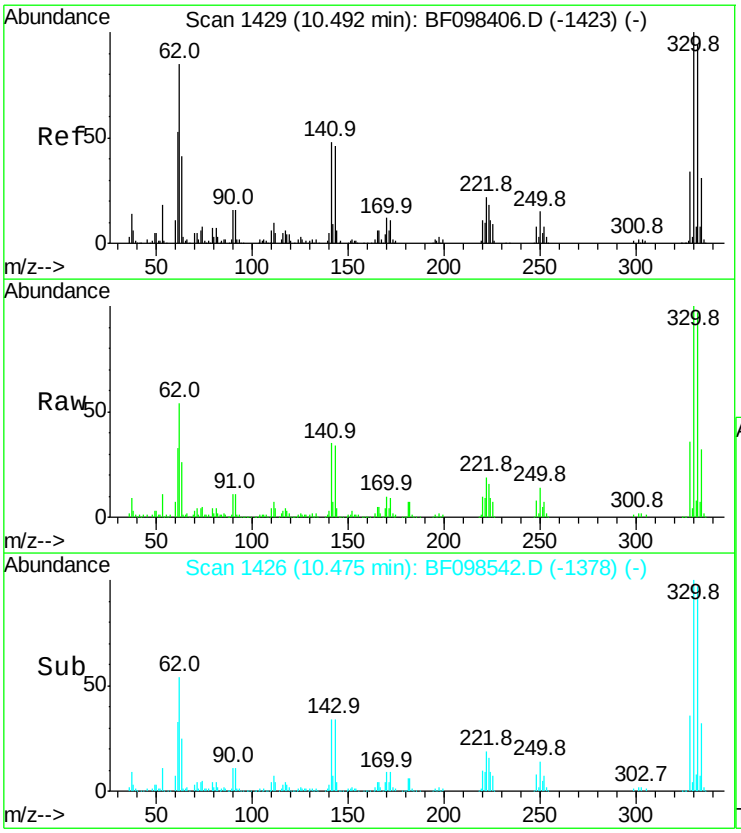
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.68 min Scan# 1291
Delta R.T. -0.02 min
Lab File: BF098542.D
Acq: 14 Sep 2017 21:53

Instrument :
BNA_F
ClientSampleId :
G-8-2

Tgt Ion:164 Resp: 241558

Ion	Ratio	Lower	Upper
164	100		
162	103.1	82.6	123.8
160	46.4	36.2	54.2

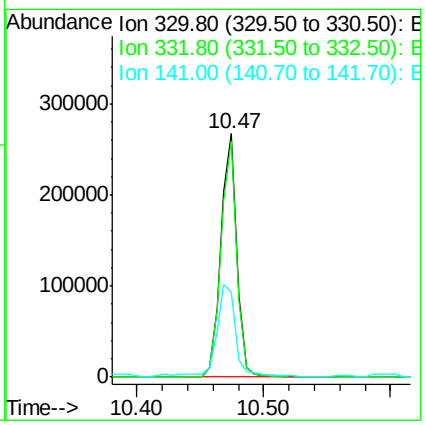


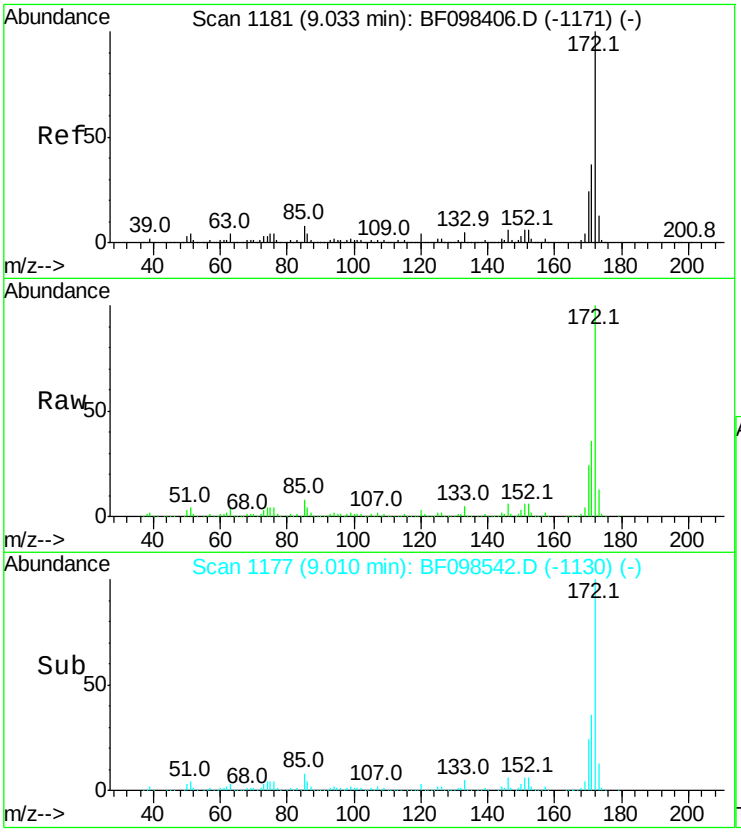


#41
2,4,6-Tribromophenol
Concen: 146.510 ng
RT: 10.47 min Scan# 1426
Delta R.T. -0.02 min
Lab File: BF098542.D
Acq: 14 Sep 2017 21:53

Tgt Ion:330 Resp: 236204

Ion	Ratio	Lower	Upper
330	100		
332	95.9	76.6	115.0
141	45.4	31.4	47.2



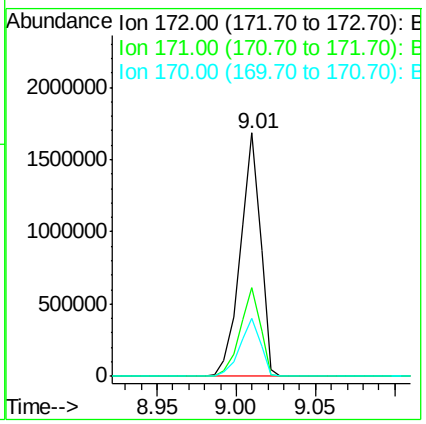


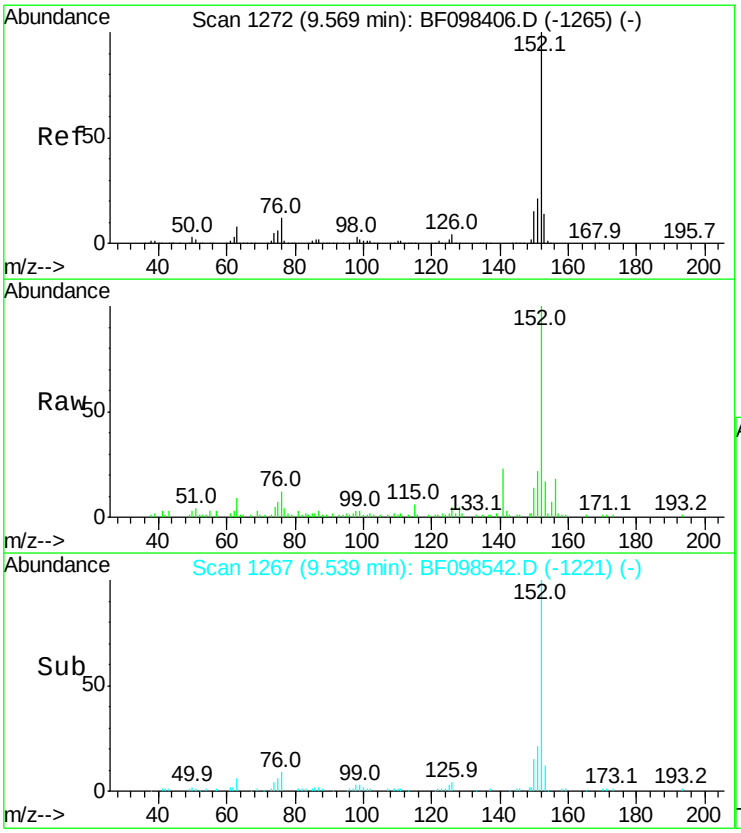
#44
2-Fluorobiphenyl
Concen: 104.113 ng
RT: 9.01 min Scan# 1177
Delta R.T. -0.02 min
Lab File: BF098542.D
Acq: 14 Sep 2017 21:53

Instrument :
BNA_F
ClientSampleId :
G-8-2

Tgt Ion:172 Resp: 1483805

Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.6	44.4
170	23.9	19.8	29.8

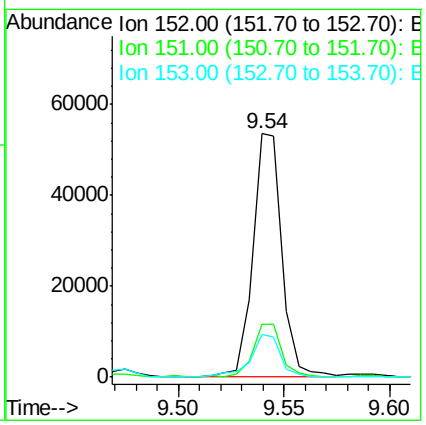


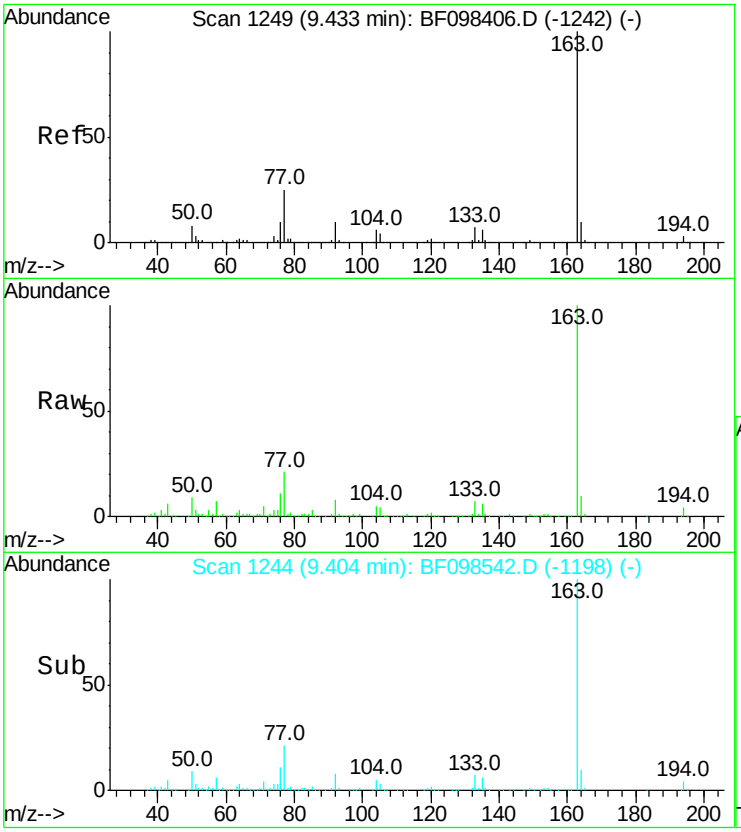


#48
Acenaphthylene
Concen: 2.242 ng
RT: 9.54 min Scan# 1267
Delta R.T. -0.03 min
Lab File: BF098542.D
Acq: 14 Sep 2017 21:53

Tgt Ion:152 Resp: 51464

Ion	Ratio	Lower	Upper
152	100		
151	21.6	16.8	25.2
153	17.4	10.8	16.2#



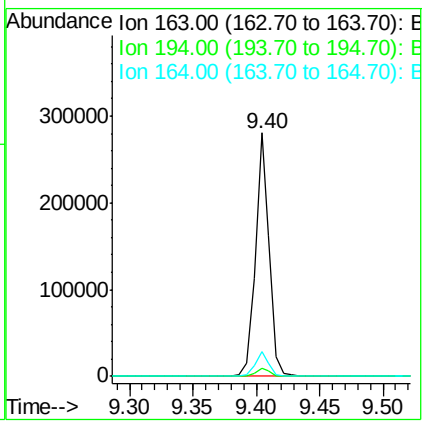


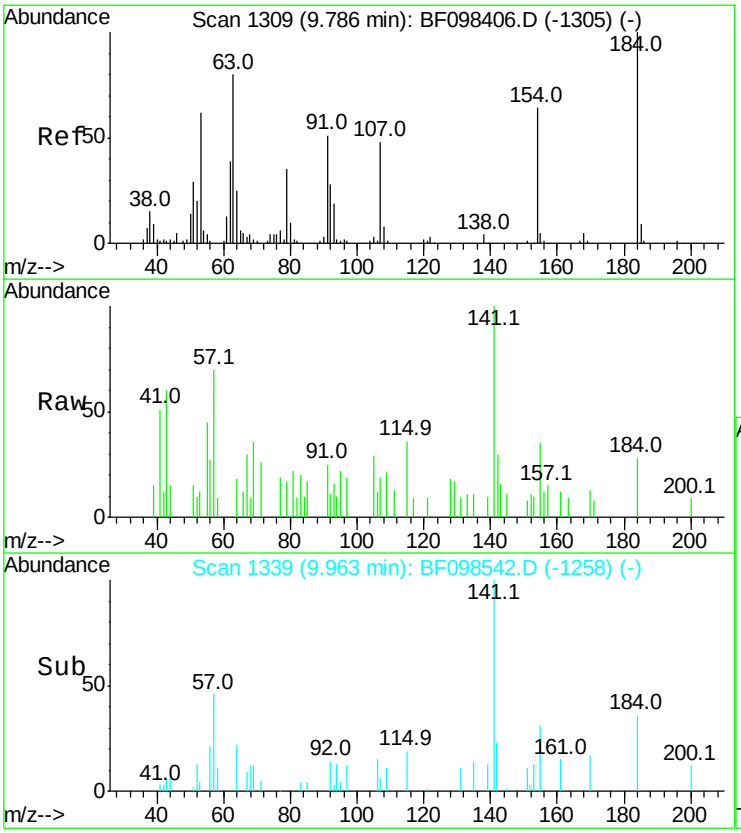
#49
Dimethylphthalate
Concen: 11.455 ng
RT: 9.40 min Scan# 1244
Delta R.T. -0.03 min
Lab File: BF098542.D
Acq: 14 Sep 2017 21:53

Instrument :
BNA_F
ClientSampleId :
G-8-2

Tgt Ion:163 Resp: 214186

Ion	Ratio	Lower	Upper
163	100		
194	3.5	2.6	4.0
164	10.0	8.4	12.6

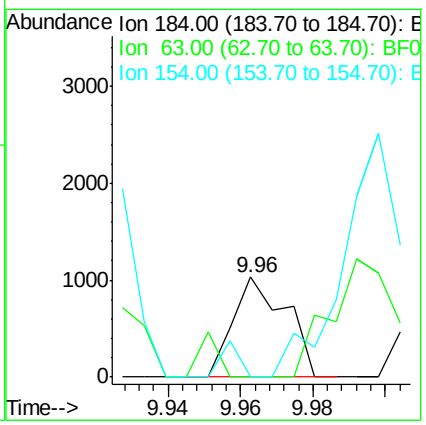


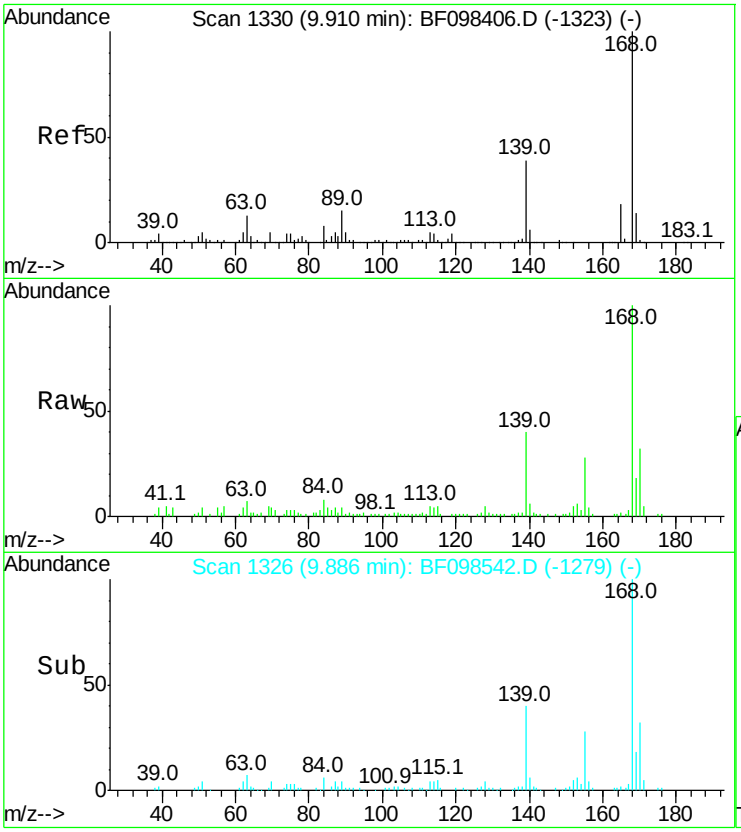


#53
2,4-Dinitrophenol
Concen: 9.038 ng
RT: 9.96 min Scan# 1339
Delta R.T. 0.18 min
Lab File: BF098542.D
Acq: 14 Sep 2017 21:53

Tgt Ion:184 Resp: 1043

Ion	Ratio	Lower	Upper
184	100		
63	0.0	62.7	94.1#
154	0.0	81.1	121.7#



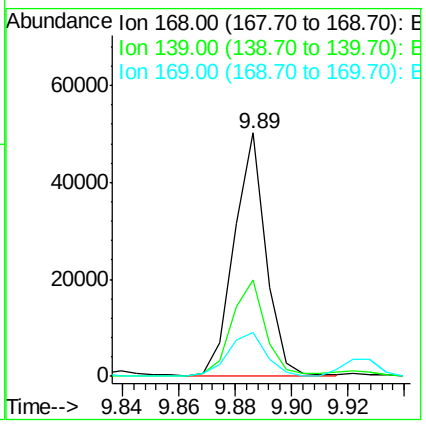


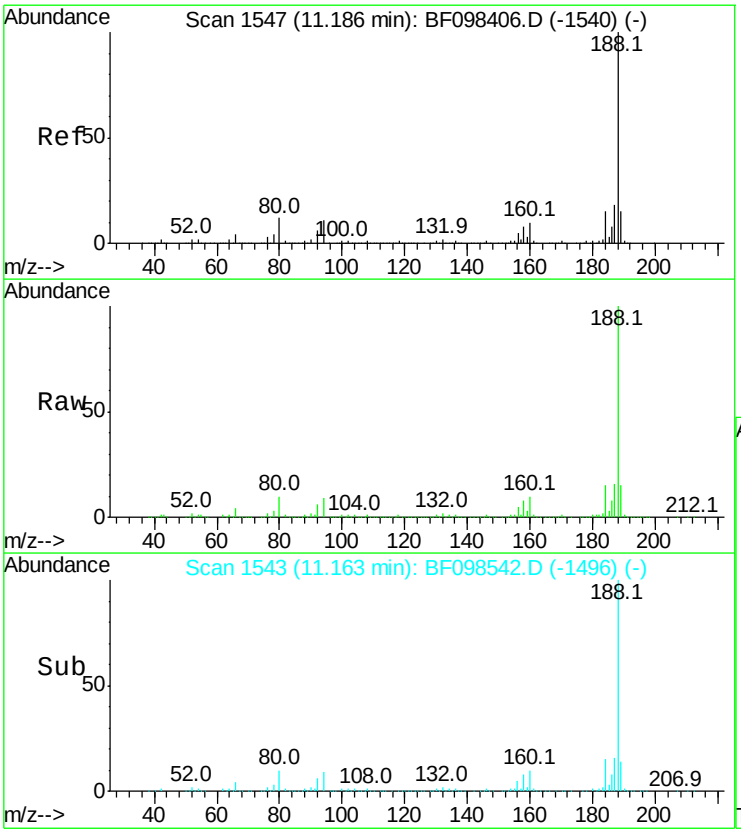
#54
Dibenzofuran
Concen: 2.052 ng
RT: 9.89 min Scan# 1326
Delta R.T. -0.02 min
Lab File: BF098542.D
Acq: 14 Sep 2017 21:53

Instrument :
BNA_F
ClientSampleId :
G-8-2

Tgt Ion:168 Resp: 39444

Ion	Ratio	Lower	Upper
168	100		
139	39.9	30.6	45.8
169	18.2	10.8	16.2#

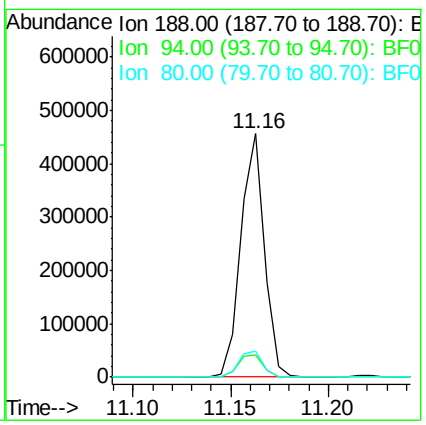


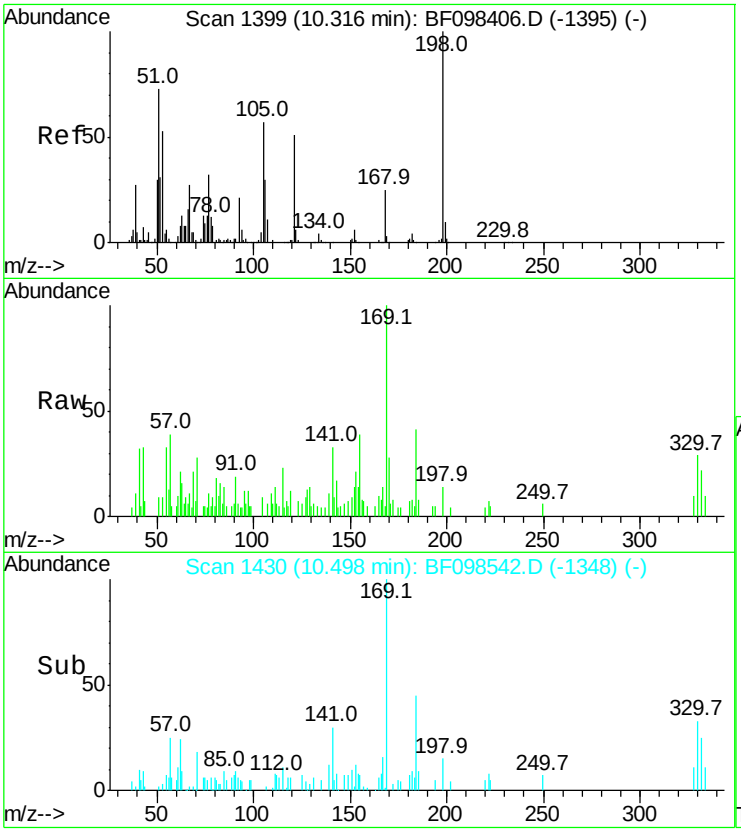


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.16 min Scan# 1543
Delta R.T. -0.02 min
Lab File: BF098542.D
Acq: 14 Sep 2017 21:53

Tgt Ion:188 Resp: 381059

Ion	Ratio	Lower	Upper
188	100		
94	9.2	9.4	14.2#
80	10.4	10.2	15.2



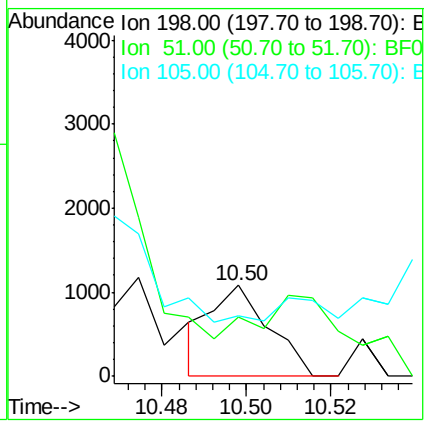


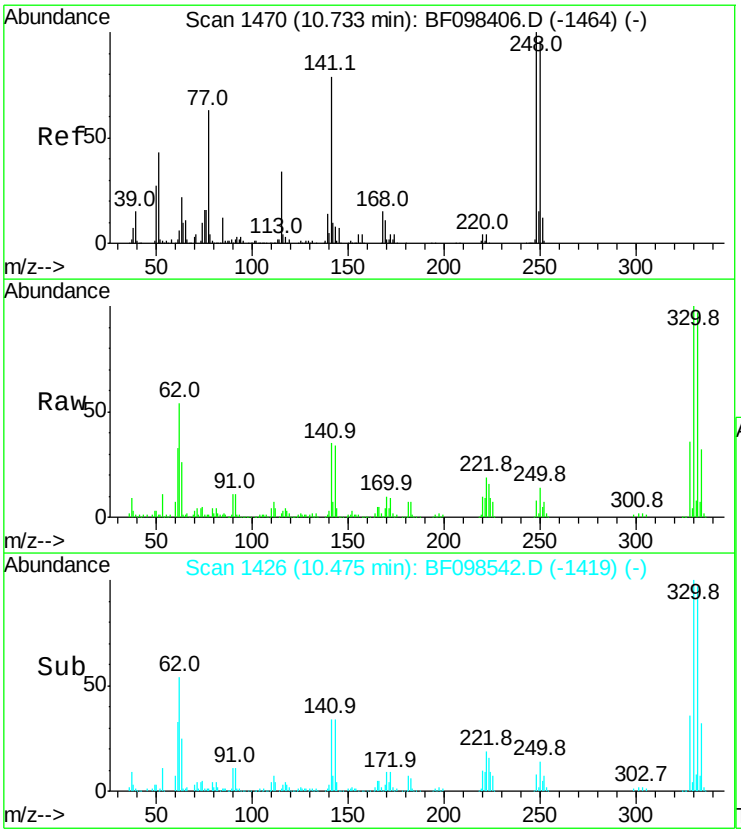
#64
4,6-Dinitro-2-methylphenol
Concen: 5.357 ng
RT: 10.50 min Scan# 1430
Delta R.T. 0.18 min
Lab File: BF098542.D
Acq: 14 Sep 2017 21:53

Instrument :
BNA_F
ClientSampleId :
G-8-2

Tgt Ion:198 Resp: 1023

Ion	Ratio	Lower	Upper
198	100		
51	65.1	53.2	93.2
105	66.4	45.8	85.8

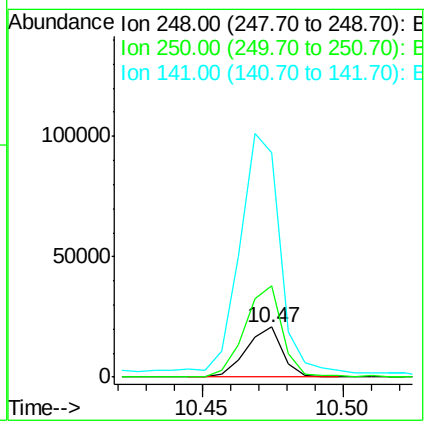


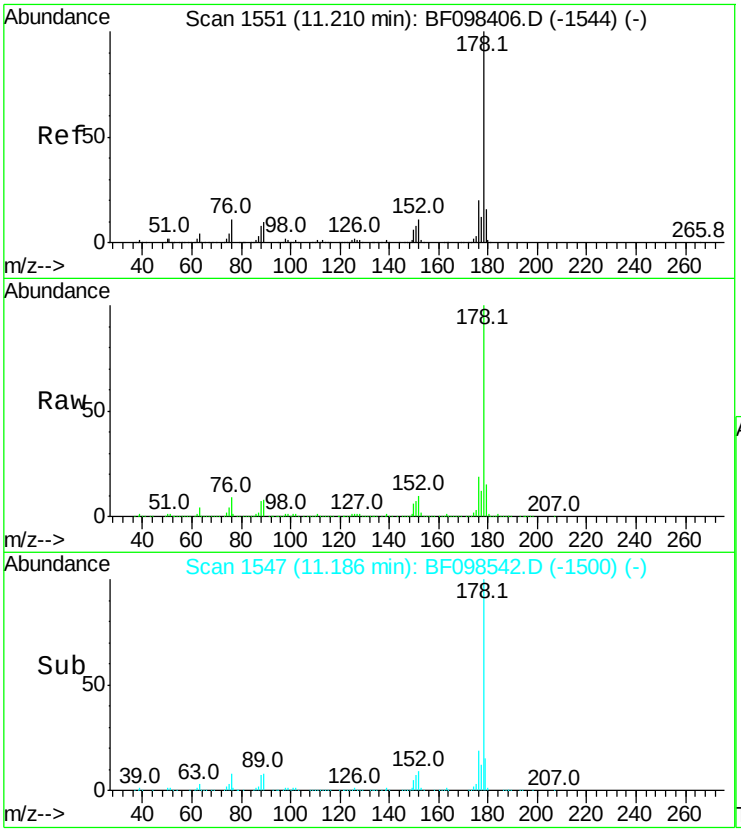


#66
4-Bromophenyl-phenylether
Concen: 5.125 ng
RT: 10.47 min Scan# 1426
Delta R.T. -0.26 min
Lab File: BF098542.D
Acq: 14 Sep 2017 21:53

Tgt Ion:248 Resp: 18535

Ion	Ratio	Lower	Upper
248	100		
250	182.4	76.8	115.2#
141	447.9	68.6	103.0#



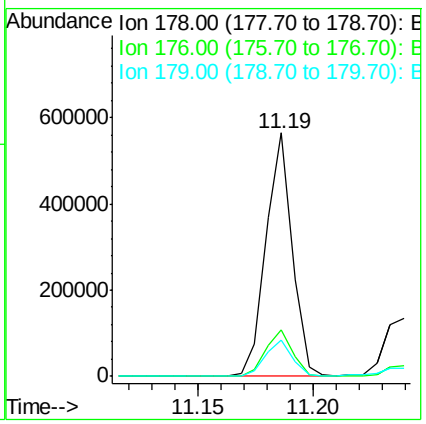


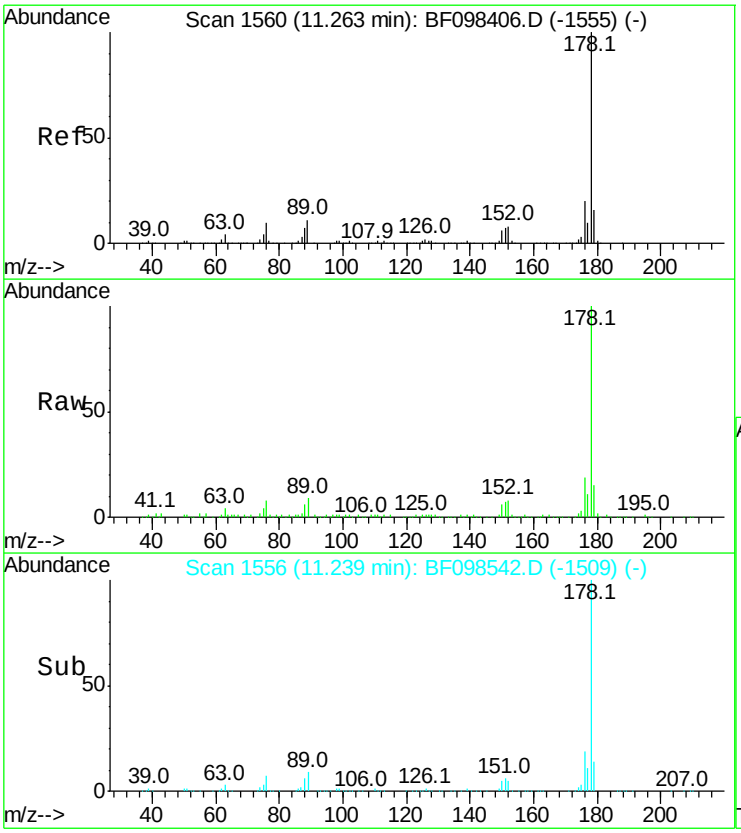
#70
Phenanthrene
Concen: 22.231 ng
RT: 11.19 min Scan# 1547
Delta R.T. -0.02 min
Lab File: BF098542.D
Acq: 14 Sep 2017 21:53

Instrument :
BNA_F
ClientSampleId :
G-8-2

Tgt Ion:178 Resp: 449096

Ion	Ratio	Lower	Upper
178	100		
176	19.1	16.2	24.4
179	15.1	12.6	19.0

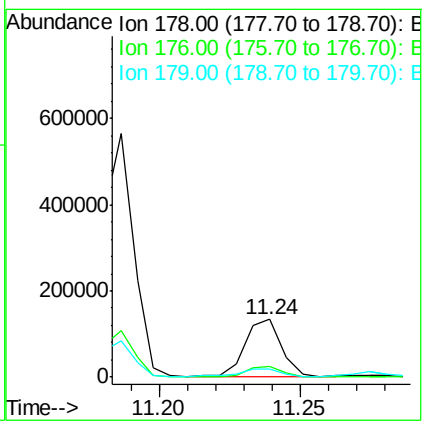


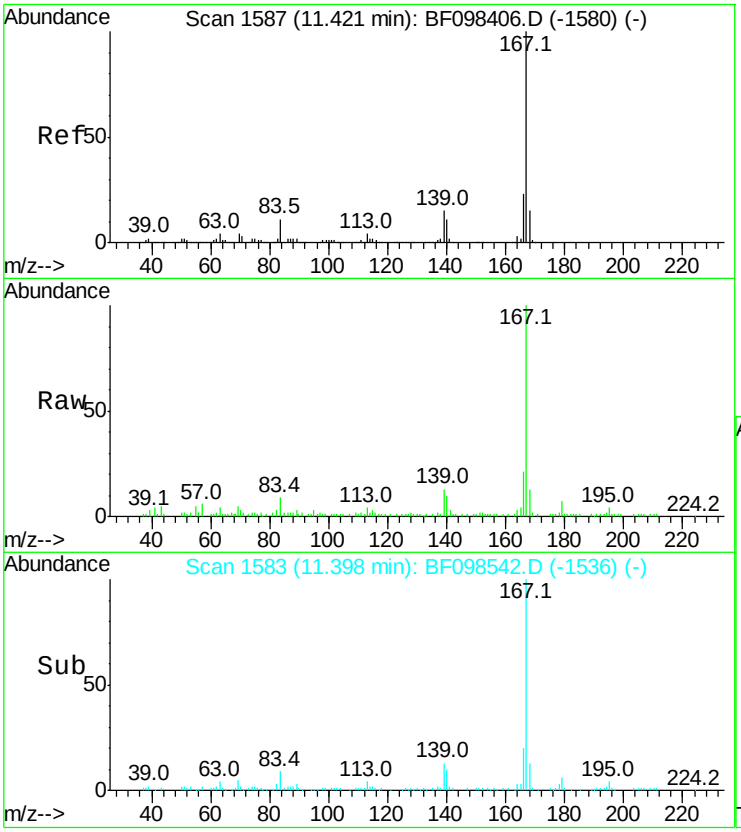


#71
Anthracene
Concen: 5.696 ng
RT: 11.24 min Scan# 1556
Delta R.T. -0.02 min
Lab File: BF098542.D
Acq: 14 Sep 2017 21:53

Tgt Ion:178 Resp: 118130

Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.8	23.8
179	14.7	12.7	19.1



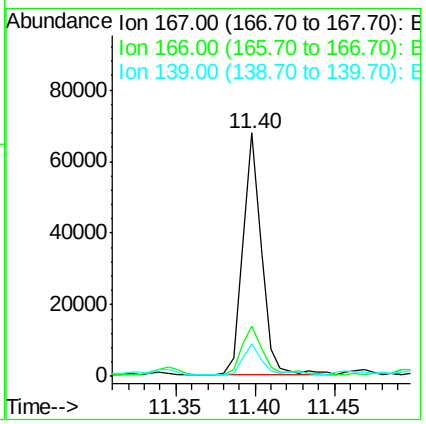


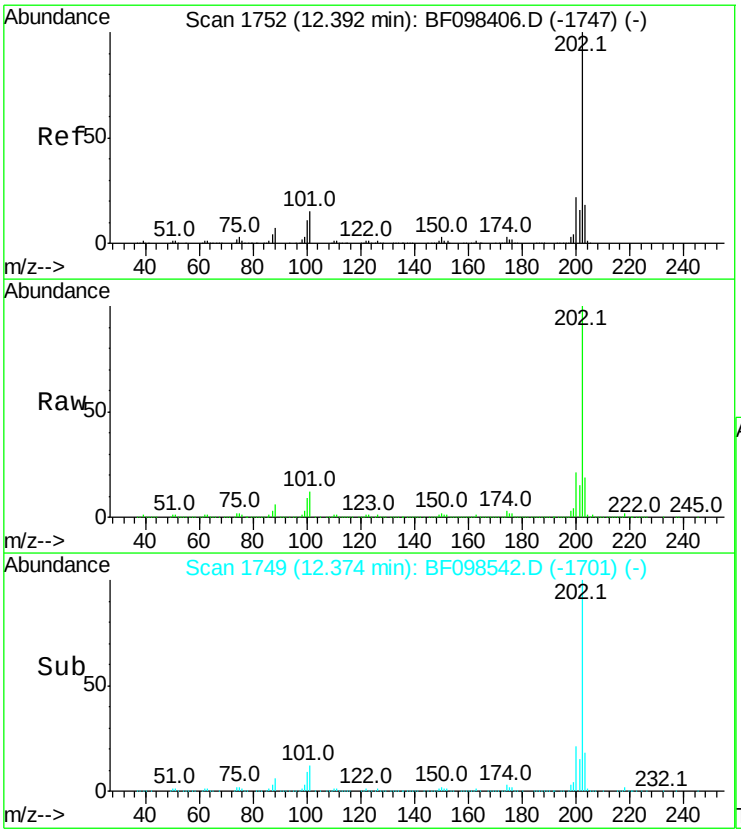
#72
Carbazole
Concen: 2.849 ng
RT: 11.40 min Scan# 1583
Delta R.T. -0.02 min
Lab File: BF098542.D
Acq: 14 Sep 2017 21:53

Instrument :
BNA_F
ClientSampleId :
G-8-2

Tgt Ion:167 Resp: 55075

Ion	Ratio	Lower	Upper
167	100		
166	20.5	18.1	27.1
139	13.1	11.7	17.5

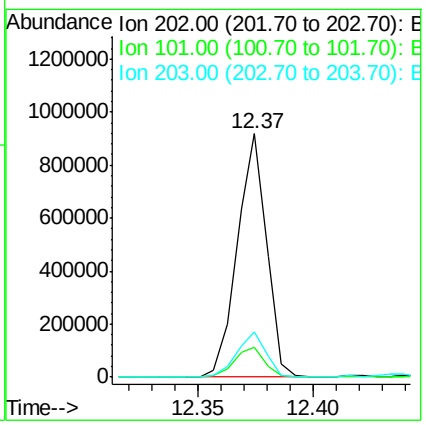


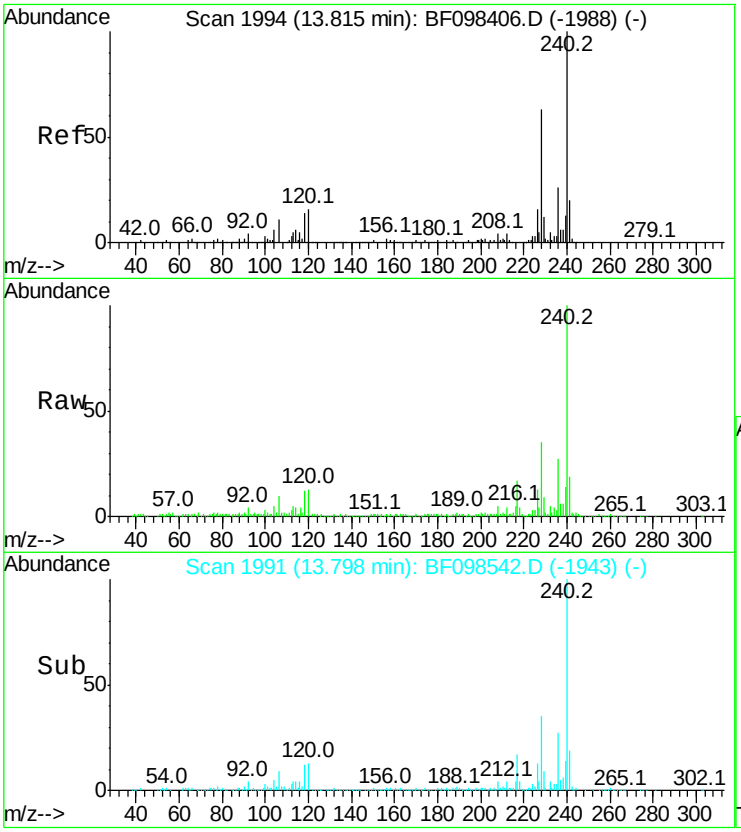


#74
Fluoranthene
Concen: 39.896 ng
RT: 12.37 min Scan# 1749
Delta R.T. -0.02 min
Lab File: BF098542.D
Acq: 14 Sep 2017 21:53

Tgt Ion:202 Resp: 806816

Ion	Ratio	Lower	Upper
202	100		
101	12.4	0.0	33.2
203	18.5	0.0	38.1



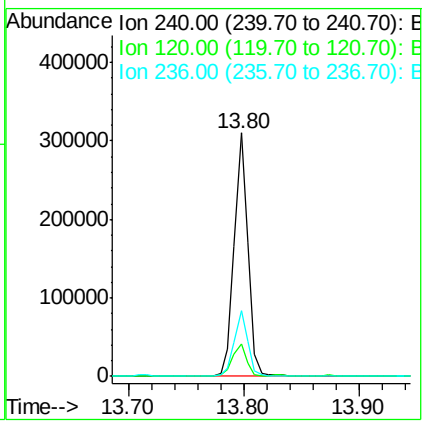


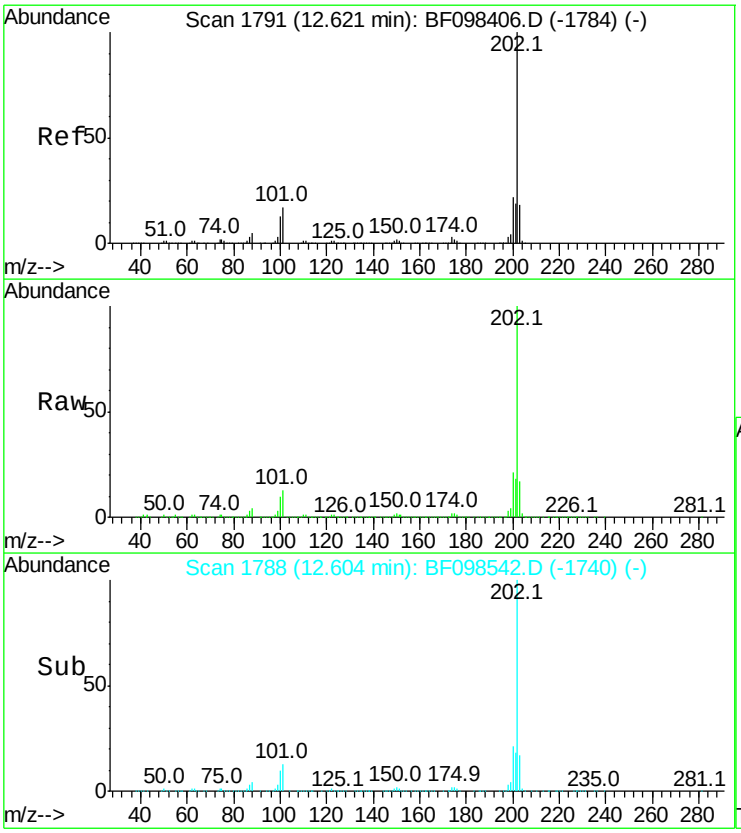
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.80 min Scan# 1991
Delta R.T. -0.02 min
Lab File: BF098542.D
Acq: 14 Sep 2017 21:53

Instrument :
BNA_F
ClientSampleId :
G-8-2

Tgt Ion:240 Resp: 258570

Ion	Ratio	Lower	Upper
240	100		
120	13.3	5.8	8.8#
236	26.9	20.5	30.7

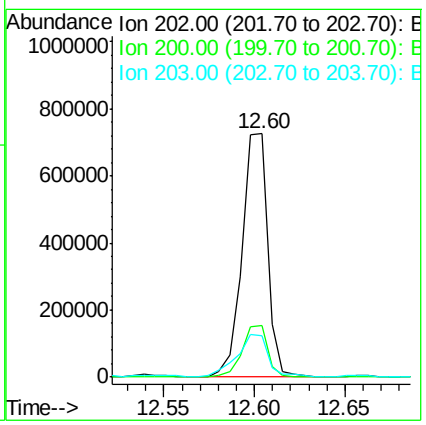


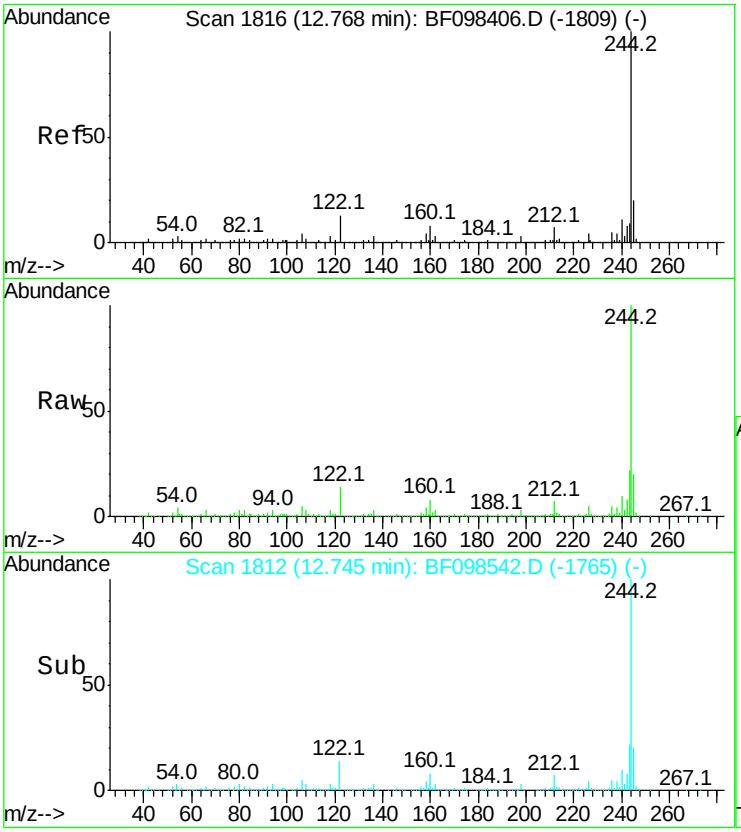


#77
Pyrene
Concen: 34.690 ng
RT: 12.60 min Scan# 1788
Delta R.T. -0.02 min
Lab File: BF098542.D
Acq: 14 Sep 2017 21:53

Tgt Ion:202 Resp: 707600

Ion	Ratio	Lower	Upper
202	100		
200	21.1	17.6	26.4
203	17.0	14.4	21.6



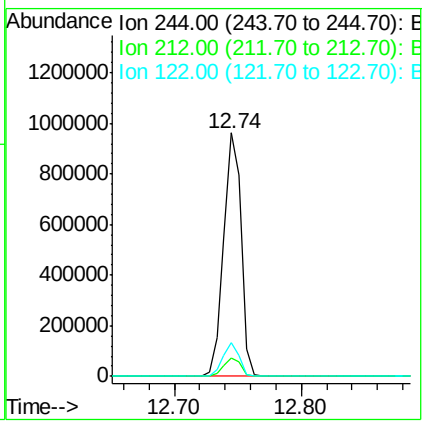


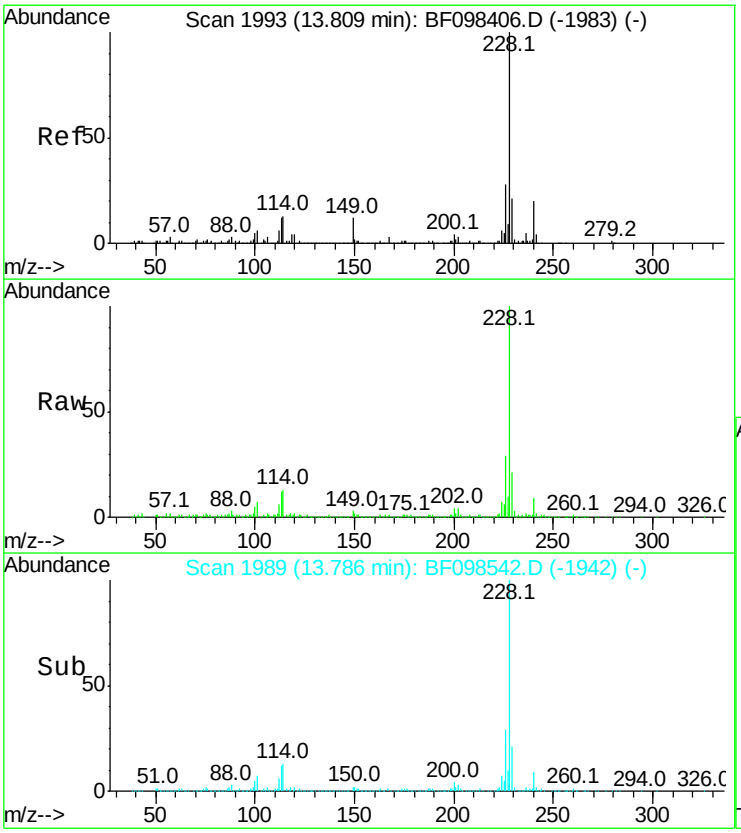
#78
Terphenyl-d14
Concen: 76.254 ng
RT: 12.74 min Scan# 1812
Delta R.T. -0.02 min
Lab File: BF098542.D
Acq: 14 Sep 2017 21:53

Instrument :
BNA_F
ClientSampleId :
G-8-2

Tgt Ion:244 Resp: 913475

Ion	Ratio	Lower	Upper
244	100		
212	7.5	6.0	9.0
122	13.8	10.3	15.5

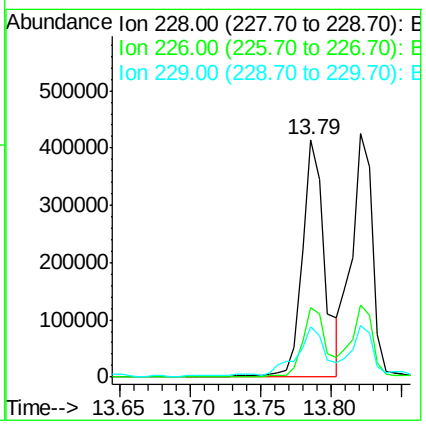


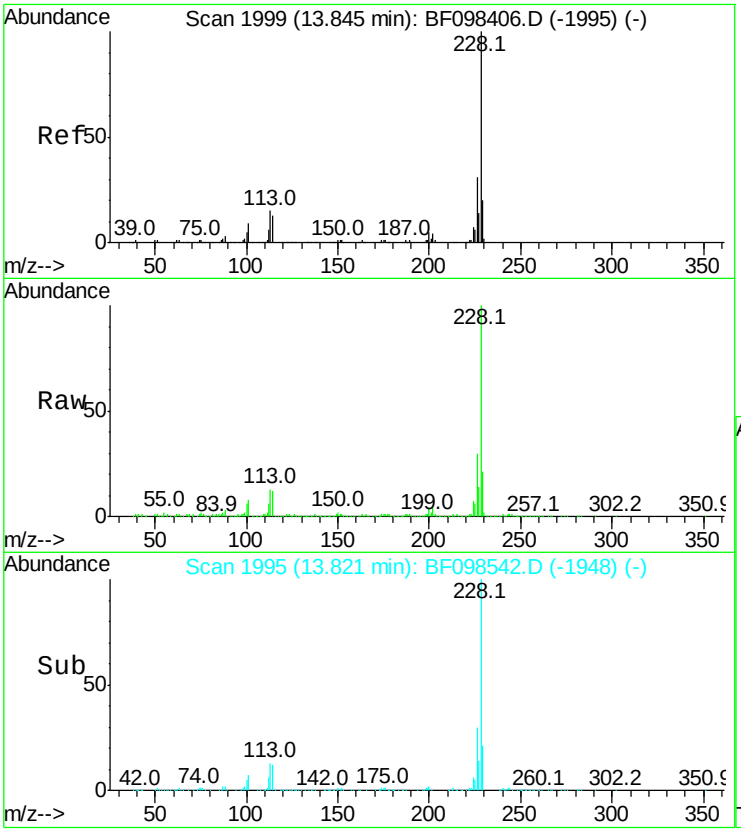


#80
Benzo(a)anthracene
Concen: 29.646 ng
RT: 13.79 min Scan# 1989
Delta R.T. -0.02 min
Lab File: BF098542.D
Acq: 14 Sep 2017 21:53

Tgt Ion:228 Resp: 449411

Ion	Ratio	Lower	Upper
228	100		
226	29.5	22.6	33.8
229	21.2	16.3	24.5



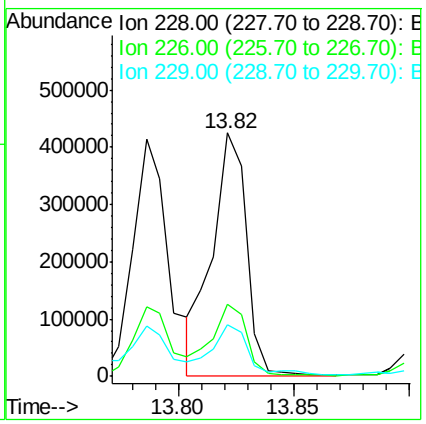


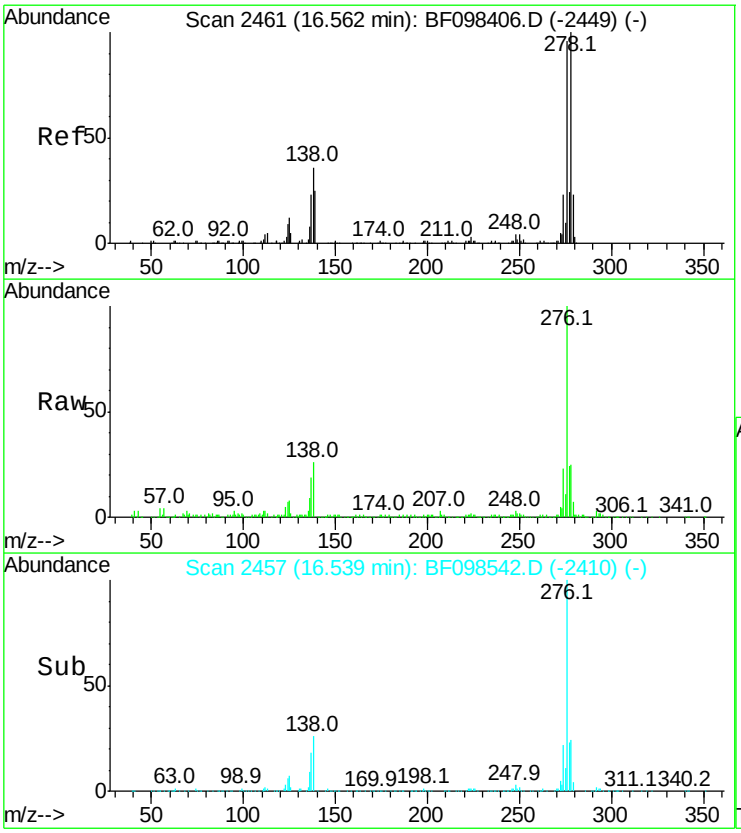
#82
Chrysene
Concen: 28.547 ng
RT: 13.82 min Scan# 1995
Delta R.T. -0.02 min
Lab File: BF098542.D
Acq: 14 Sep 2017 21:53

Instrument :
BNA_F
ClientSampleId :
G-8-2

Tgt Ion:228 Resp: 437450

Ion	Ratio	Lower	Upper
228	100		
226	29.8	24.9	37.3
229	21.3	15.8	23.6

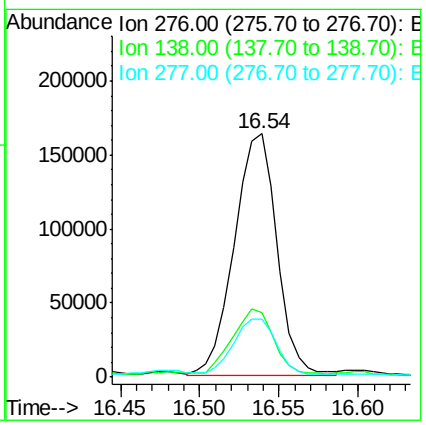


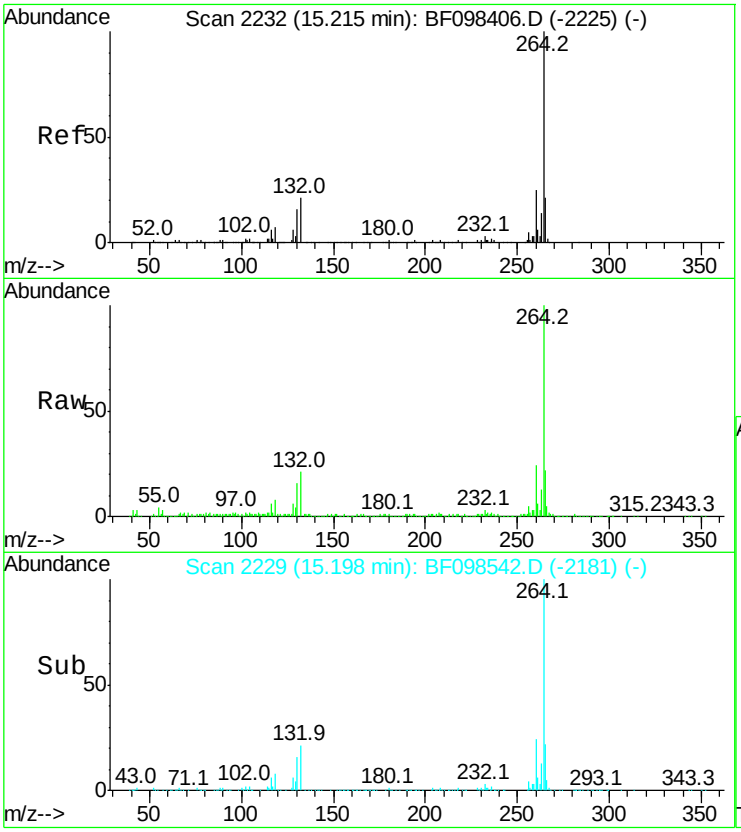


#85
Indeno(1,2,3-cd)pyrene
Concen: 28.432 ng
RT: 16.54 min Scan# 2457
Delta R.T. -0.02 min
Lab File: BF098542.D
Acq: 14 Sep 2017 21:53

Tgt Ion:276 Resp: 305673

Ion	Ratio	Lower	Upper
276	100		
138	27.0	27.8	41.6#
277	23.1	20.2	30.4



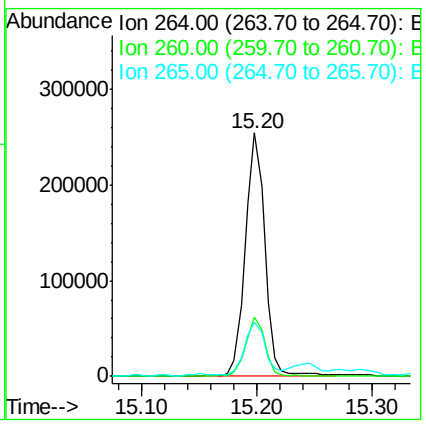


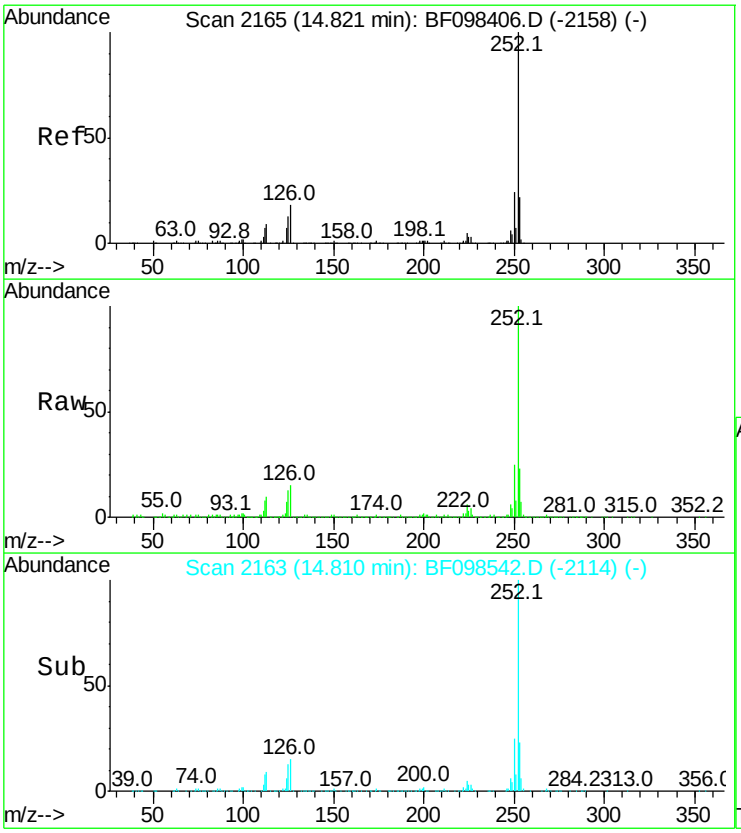
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.20 min Scan# 2229
Delta R.T. -0.02 min
Lab File: BF098542.D
Acq: 14 Sep 2017 21:53

Instrument :
BNA_F
ClientSampleId :
G-8-2

Tgt Ion:264 Resp: 298660

Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.5	29.3
265	22.4	17.2	25.8

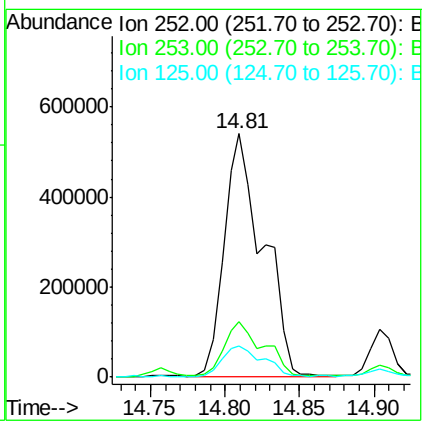


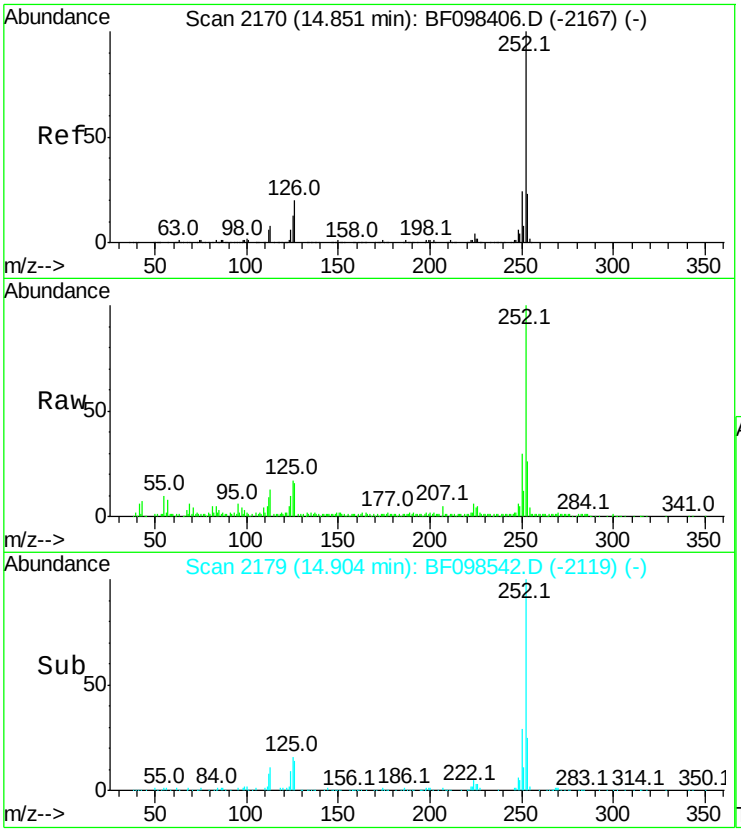


#87
Benzo(b)fluoranthene
Concen: 51.804 ng
RT: 14.81 min Scan# 2163
Delta R.T. -0.01 min
Lab File: BF098542.D
Acq: 14 Sep 2017 21:53

Tgt Ion:252 Resp: 972818

Ion	Ratio	Lower	Upper
252	100		
253	23.0	18.1	27.1
125	12.8	9.8	14.8



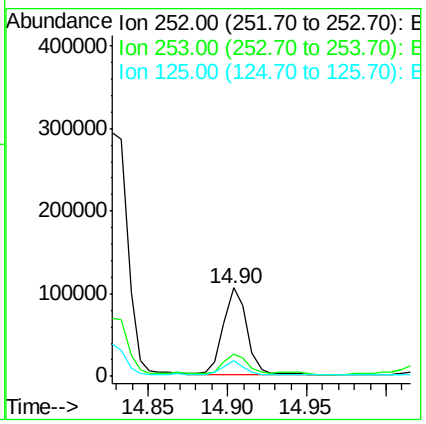


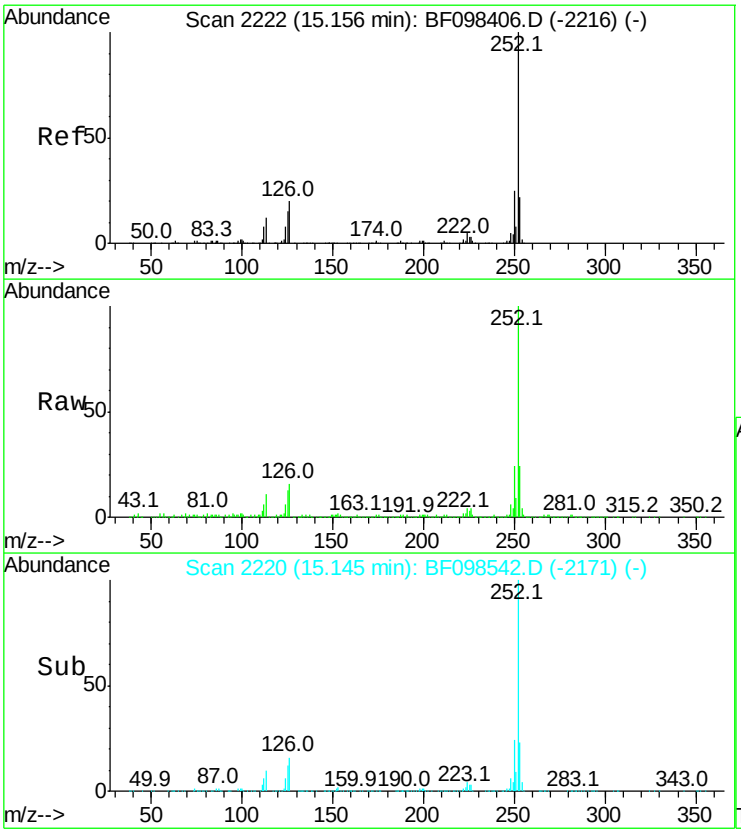
#88
Benzo(k)fluoranthene
Concen: 6.401 ng
RT: 14.90 min Scan# 2179
Delta R.T. 0.05 min
Lab File: BF098542.D
Acq: 14 Sep 2017 21:53

Instrument :
BNA_F
ClientSampleId :
G-8-2

Tgt Ion:252 Resp: 112222

Ion	Ratio	Lower	Upper
252	100		
253	25.6	18.4	27.6
125	17.5	13.1	19.7

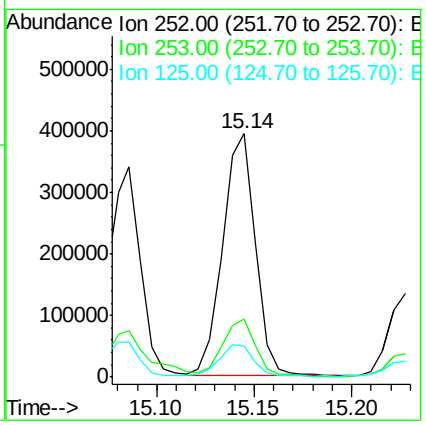


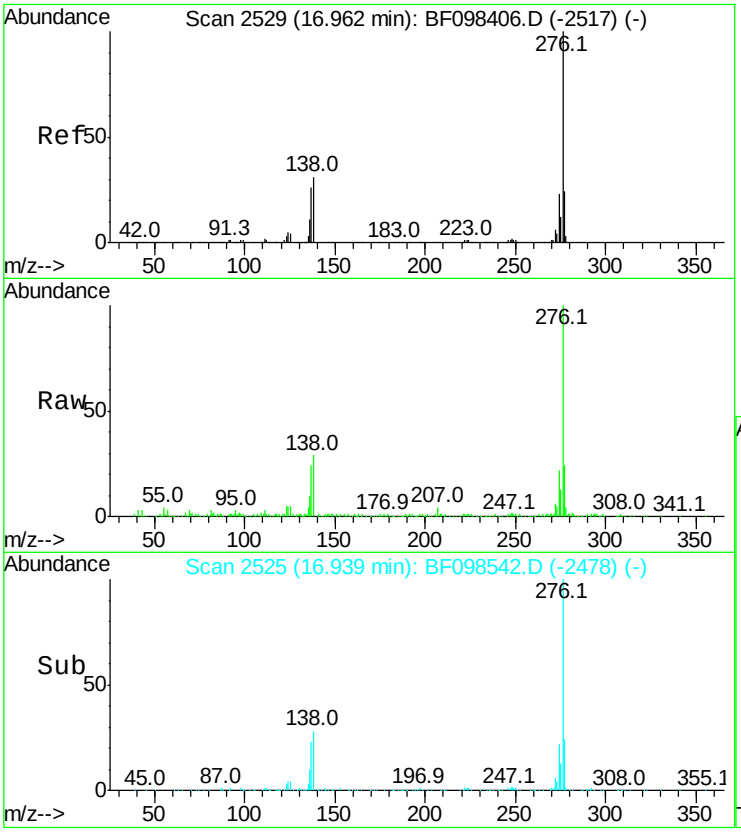


#89
Benzo(a)pyrene
Concen: 27.313 ng
RT: 15.14 min Scan# 2220
Delta R.T. -0.01 min
Lab File: BF098542.D
Acq: 14 Sep 2017 21:53

Tgt Ion:252 Resp: 456944

Ion	Ratio	Lower	Upper
252	100		
253	23.7	17.5	26.3
125	12.9	11.0	16.4





#91
Benzo(g,h,i)perylene
Concen: 22.833 ng
RT: 16.94 min Scan# 2525
Delta R.T. -0.02 min
Lab File: BF098542.D
Acq: 14 Sep 2017 21:53

Instrument :
BNA_F
ClientSampleId :
G-8-2

Tgt Ion:276 Resp: 279495

Ion	Ratio	Lower	Upper
276	100		
277	24.4	18.6	28.0
138	29.2	25.4	38.0