Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF083017\
Data File : BF098188.D
Acq On : 31 Aug 2017 7:31
Operator : SJ/JU
Sample : I4987-02
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Aug 31 08:52:15 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 21 15:59:04 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	121270	20.00	ng		-0.02
21) Naphthalene-d8	8.01	136	431991	20.00	ng		-0.02
38) Acenaphthene-d10	9.76	164	154114	20.00	ng		-0.03
63) Phenanthrene-d10	11.24	188	264688	20.00	ng		-0.02
75) Chrysene-d12	13.87	240	239483	20.00	ng		-0.02
86) Perylene-d12	15.29	264	164299	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.35	112	1065642	133.66	ng		0.00
7) Phenol-d6	6.37	99	1410425	130.20	ng		-0.01
23) Nitrobenzene-d5	7.29	82	825302	103.79	ng		-0.03
41) 2,4,6-Tribromophenol	10.55	330	179183	134.00	ng		-0.02
44) 2-Fluorobiphenyl	9.09	172	1142596	108.93	ng		-0.02
78) Terphenyl-d14	12.83	244	872207	75.95	ng		-0.02
Target Compounds							Qvalue
10) Phenol	6.38	94	28759	2.270	ng		98
19) n-Nitroso-di-n-propylamine	7.29	70	108998	14.699	ng	#	71
25) Isophorone	7.29	82	812258	49.123	ng	#	67
49) Dimethylphthalate	9.48	163	202917	18.013	ng		98
56) 2,4-Dinitrotoluene	9.76	165	19777	7.008	ng	#	33
64) 4,6-Dinitro-2-methylphenol	10.55	198	391	8.580	ng	#	14
66) 4-Bromophenyl-phenylether	10.55	248	12398	4.511	ng	#	1
70) Phenanthrene	11.26	178	71548	5.073	ng		99
74) Fluoranthene	12.45	202	173412	11.779	ng		98
77) Pyrene	12.68	202	160916	8.215	ng		96
80) Benzo(a)anthracene	13.86	228	82589	5.754	ng		97
82) Chrysene	13.90	228	76734	5.374	ng		96
83) Bis(2-ethylhexyl)phthalate	13.86	149	133808	16.080	ng	#	98
85) Indeno(1,2,3-cd)pyrene	16.66	276	28276	2.692	ng	#	91
87) Benzo(b)fluoranthene	14.89	252	102677	9.914	ng		98
88) Benzo(k)fluoranthene	14.89	252	102677	10.553	ng		97
89) Benzo(a)pyrene	15.23	252	49198	5.366	ng		96
91) Benzo(g,h,i)perylene	17.07	276	28595	3.672	ng	#	88

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

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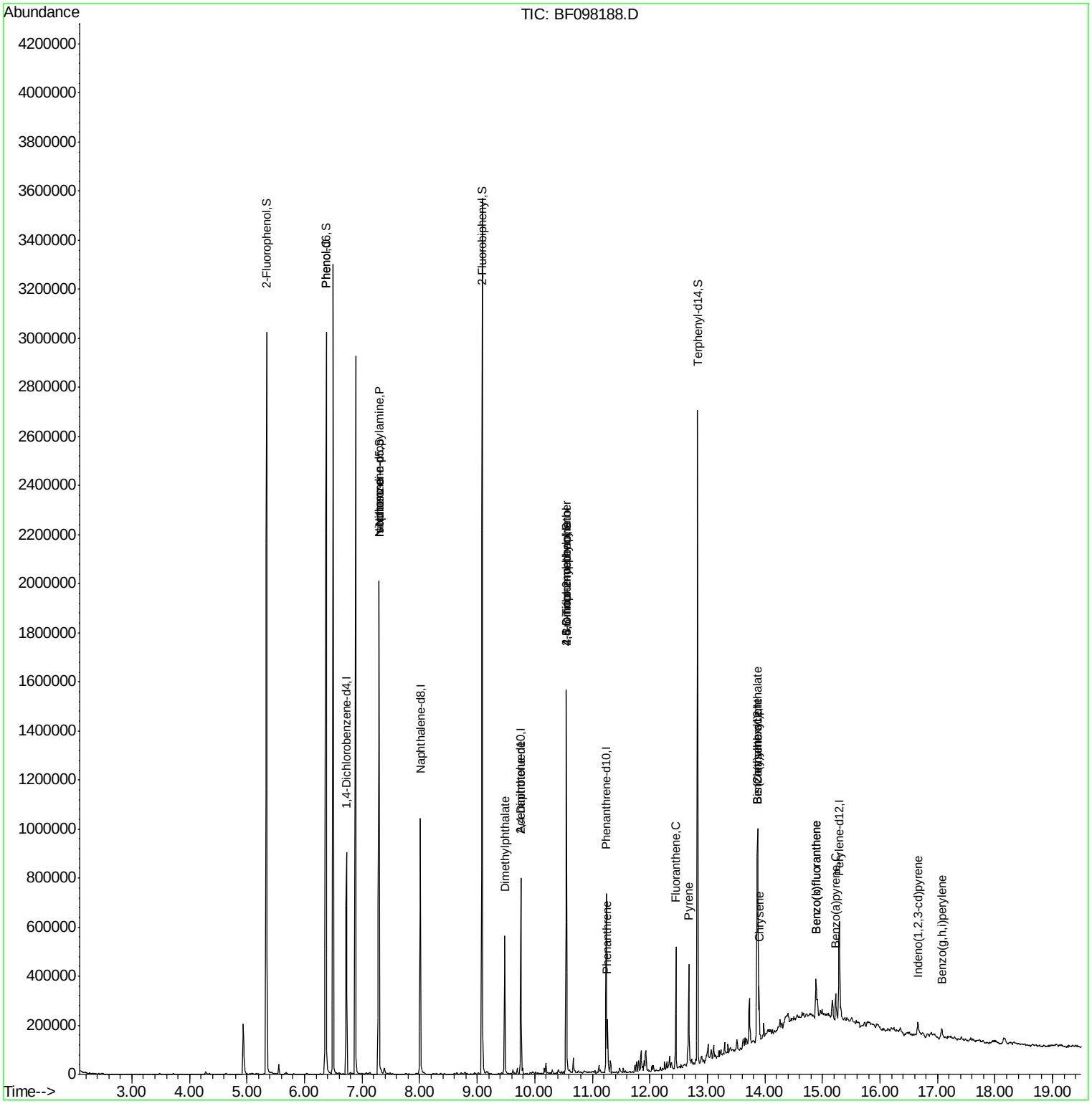
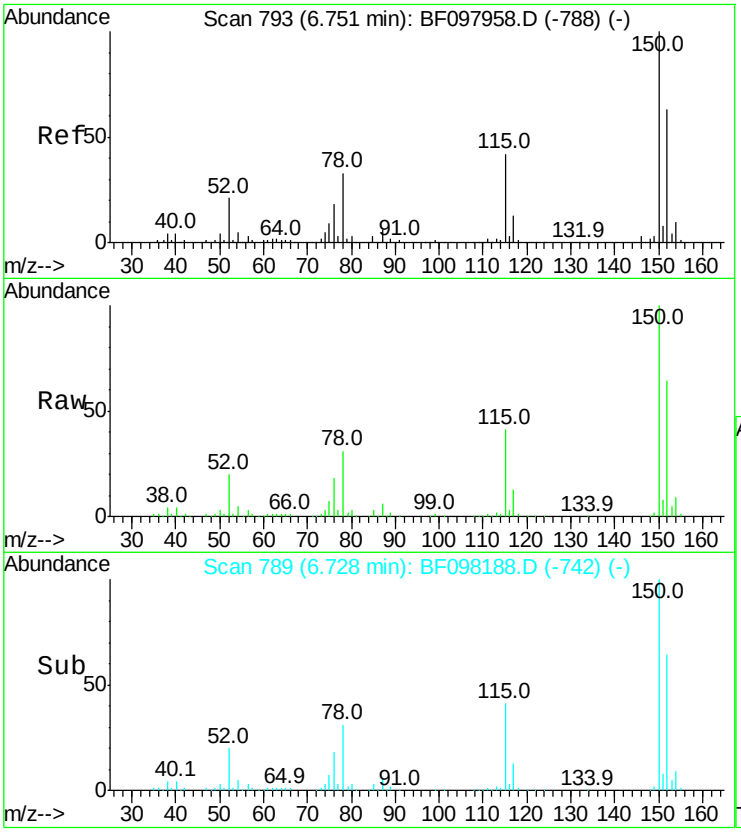


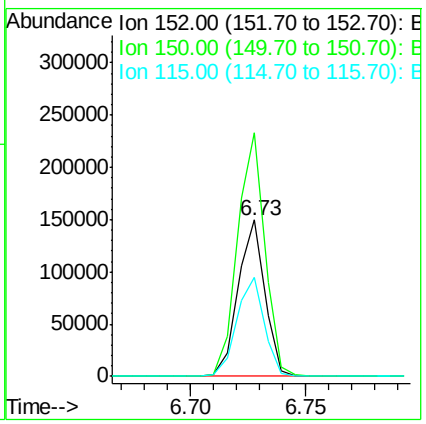


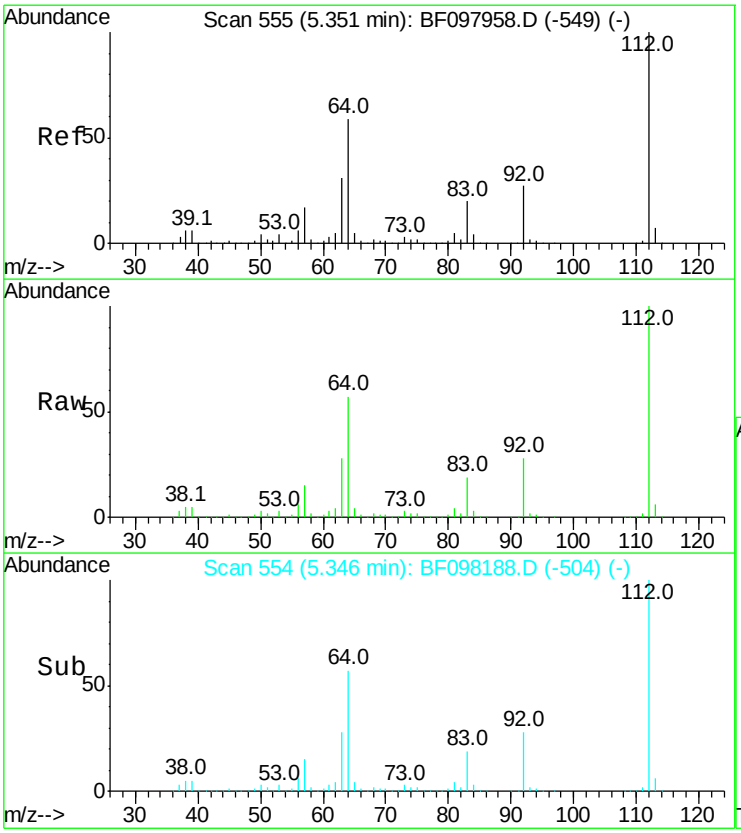
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 789
Delta R.T. -0.02 min
Lab File: BF098188.D
Acq: 31 Aug 2017 7:31

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 121270

Ion	Ratio	Lower	Upper
152	100		
150	155.9	126.2	189.2
115	63.6	52.2	78.2

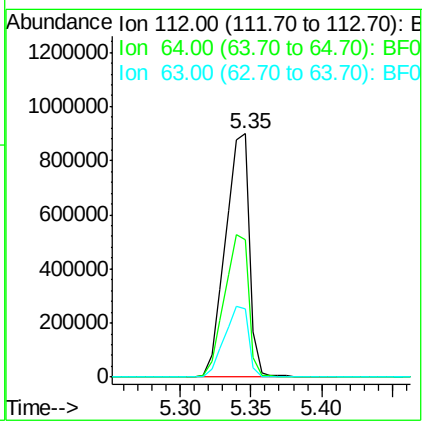


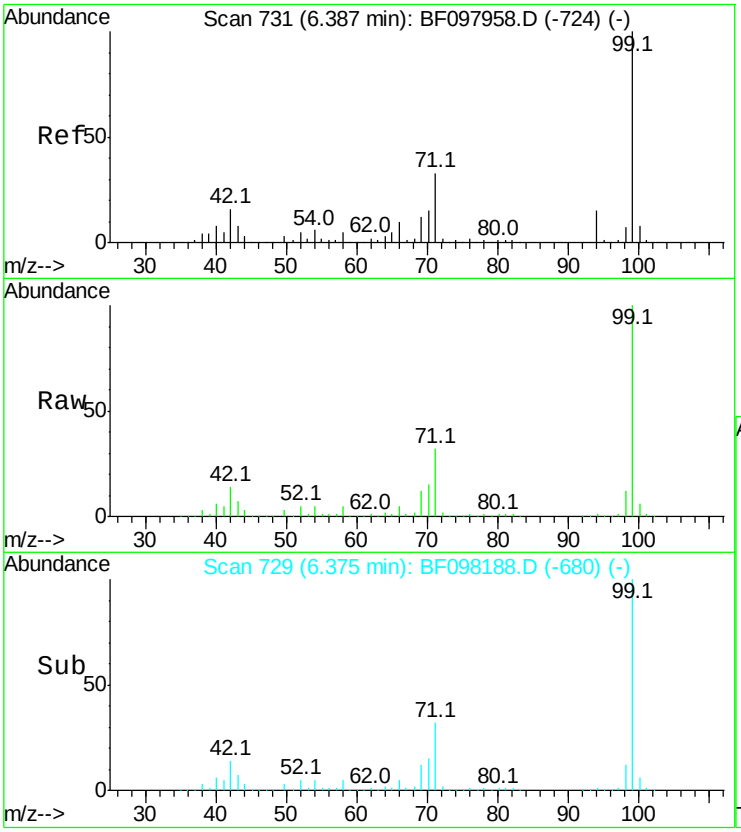


#5
2-Fluorophenol
Concen: 133.662 ng
RT: 5.35 min Scan# 554
Delta R.T. -0.01 min
Lab File: BF098188.D
Acq: 31 Aug 2017 7:31

Tgt Ion:112 Resp: 1065642

Ion	Ratio	Lower	Upper
112	100		
64	56.6	46.0	69.0
63	27.9	23.4	35.0



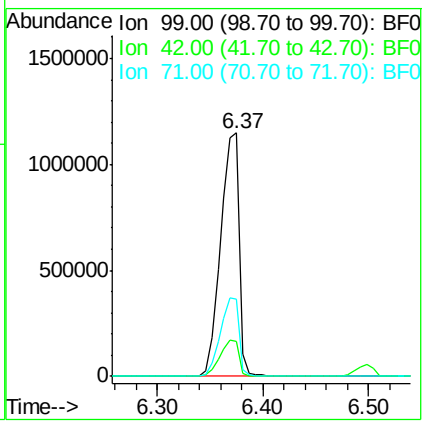


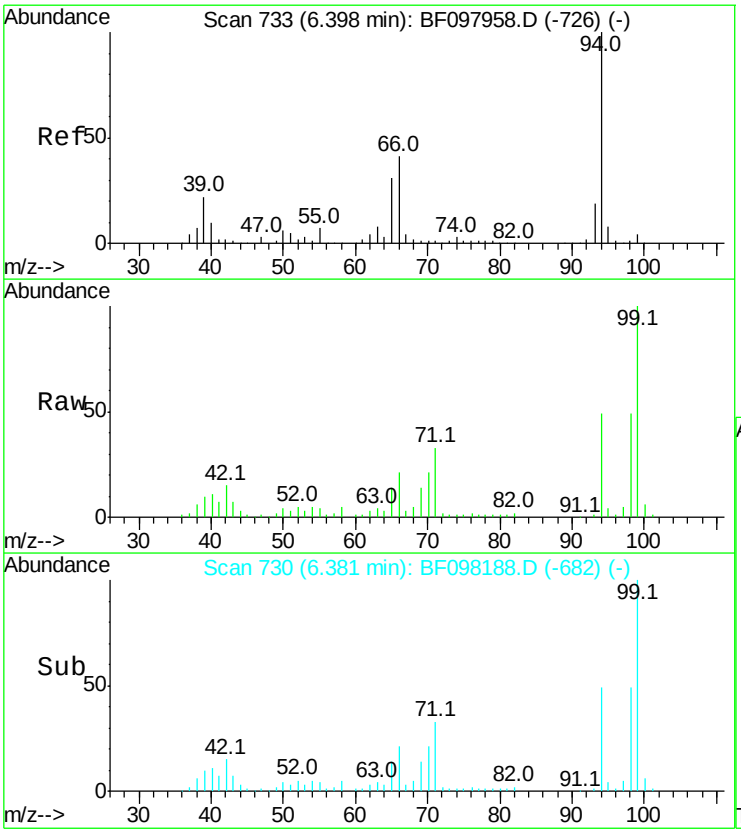
#7
Phenol-d6
Concen: 130.202 ng
RT: 6.37 min Scan# 729
Delta R.T. -0.01 min
Lab File: BF098188.D
Acq: 31 Aug 2017 7:31

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 1410425

Ion	Ratio	Lower	Upper
99	100		
42	14.3	13.5	20.3
71	31.8	24.5	36.7

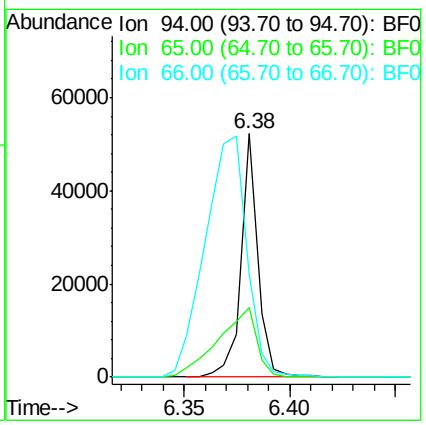


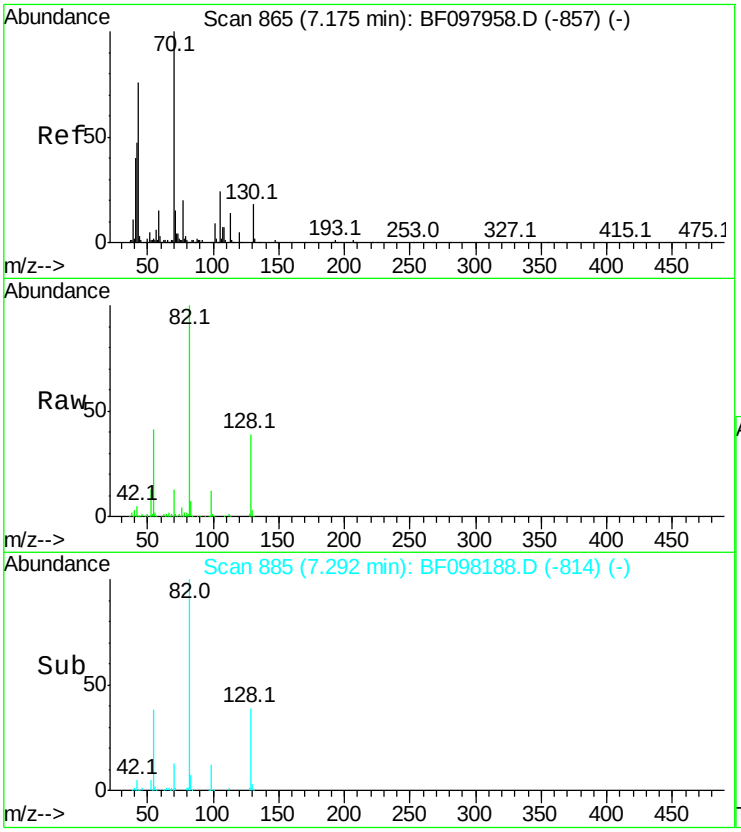


#10
Phenol
Concen: 2.270 ng
RT: 6.38 min Scan# 730
Delta R.T. -0.02 min
Lab File: BF098188.D
Acq: 31 Aug 2017 7:31

Tgt Ion: 94 Resp: 28759

Ion	Ratio	Lower	Upper
94	100		
65	28.5	9.9	49.9
66	42.0	23.1	63.1



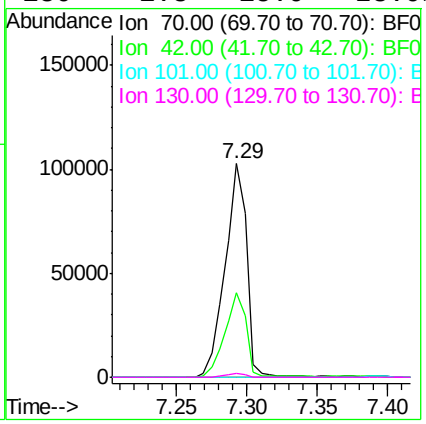


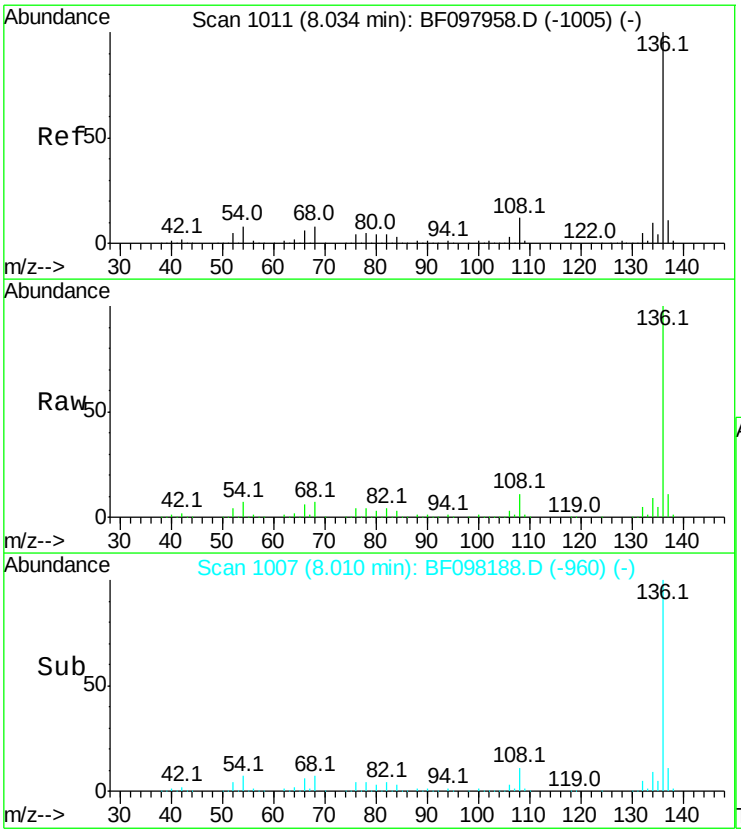
#19
n-Nitroso-di-n-propylamine
Concen: 14.699 ng
RT: 7.29 min Scan# 885
Delta R.T. 0.12 min
Lab File: BF098188.D
Acq: 31 Aug 2017 7:31

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 70 Resp: 108998

Ion	Ratio	Lower	Upper
70	100		
42	39.4	47.2	70.8#
101	0.0	7.2	10.8#
130	1.8	15.9	23.9#

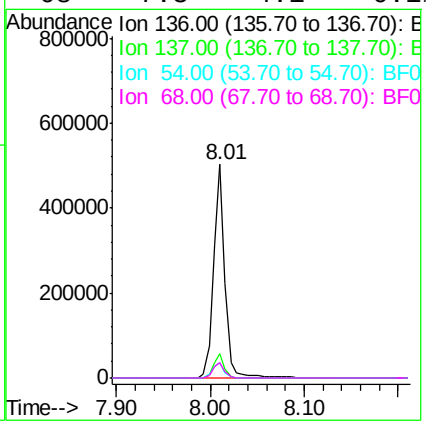


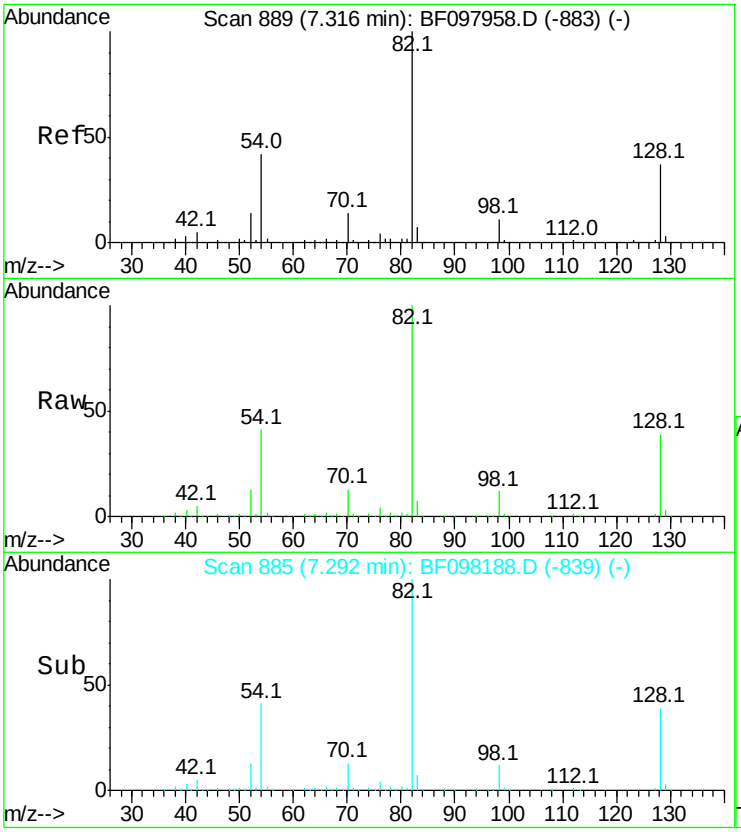


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.01 min Scan# 1007
Delta R.T. -0.02 min
Lab File: BF098188.D
Acq: 31 Aug 2017 7:31

Tgt Ion:136 Resp: 431991

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.5	12.7
54	7.3	4.9	7.3#
68	7.3	4.1	6.1#



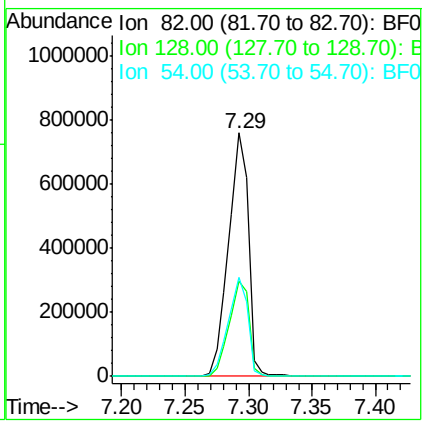


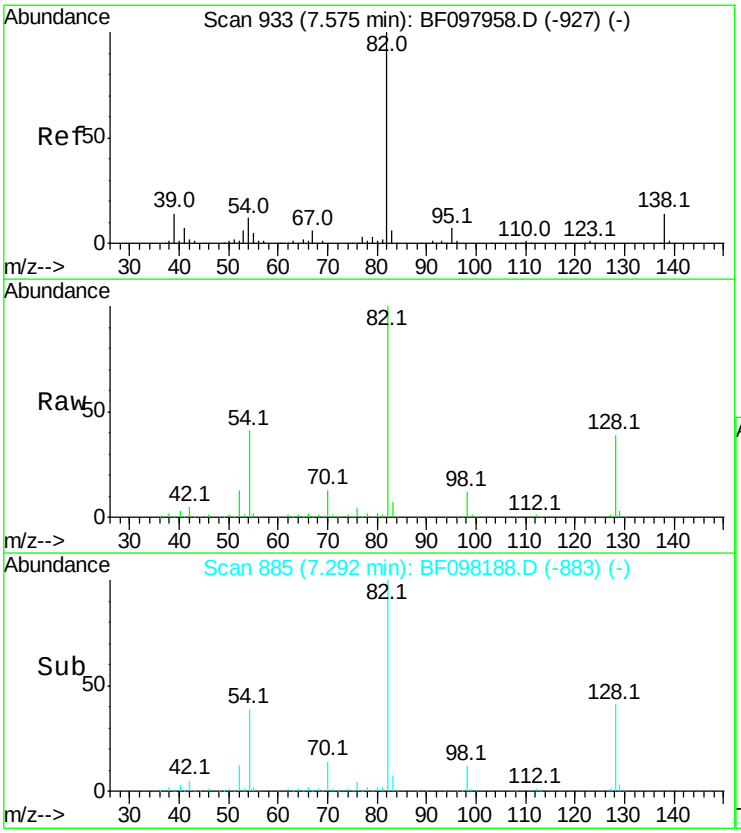
#23
Nitrobenzene-d5
Concen: 103.785 ng
RT: 7.29 min Scan# 885
Delta R.T. -0.03 min
Lab File: BF098188.D
Acq: 31 Aug 2017 7:31

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 825302

Ion	Ratio	Lower	Upper
82	100		
128	39.1	34.0	51.0
54	40.5	42.2	63.2#

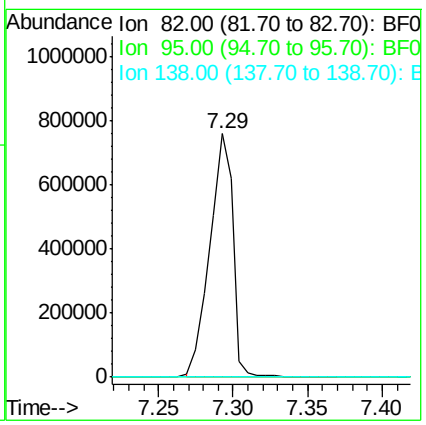


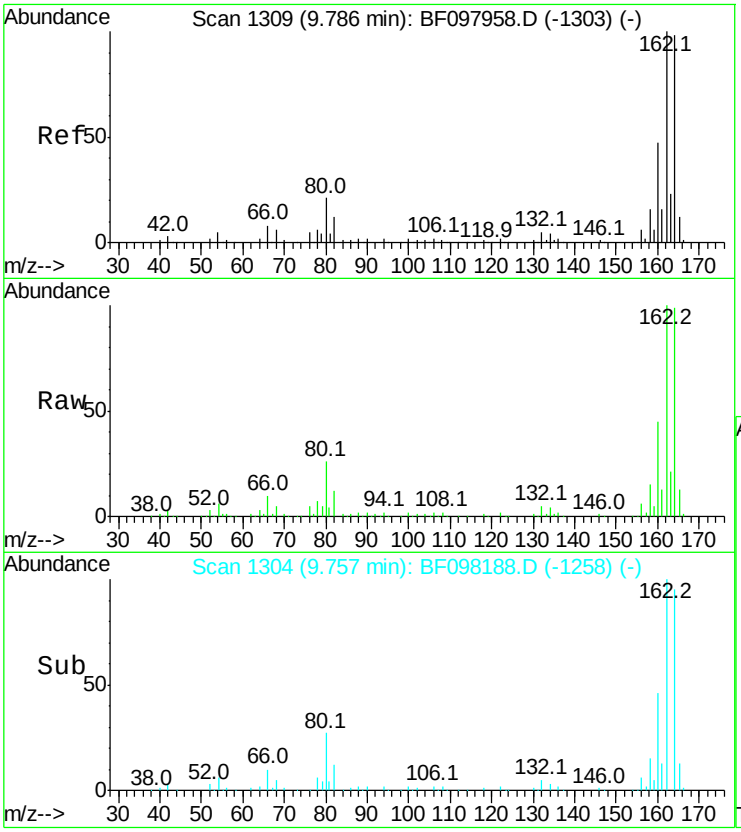


#25
Isophorone
Concen: 49.123 ng
RT: 7.29 min Scan# 885
Delta R.T. -0.29 min
Lab File: BF098188.D
Acq: 31 Aug 2017 7:31

Tgt Ion: 82 Resp: 812258

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



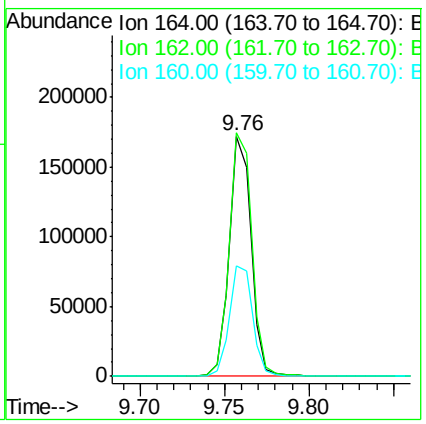


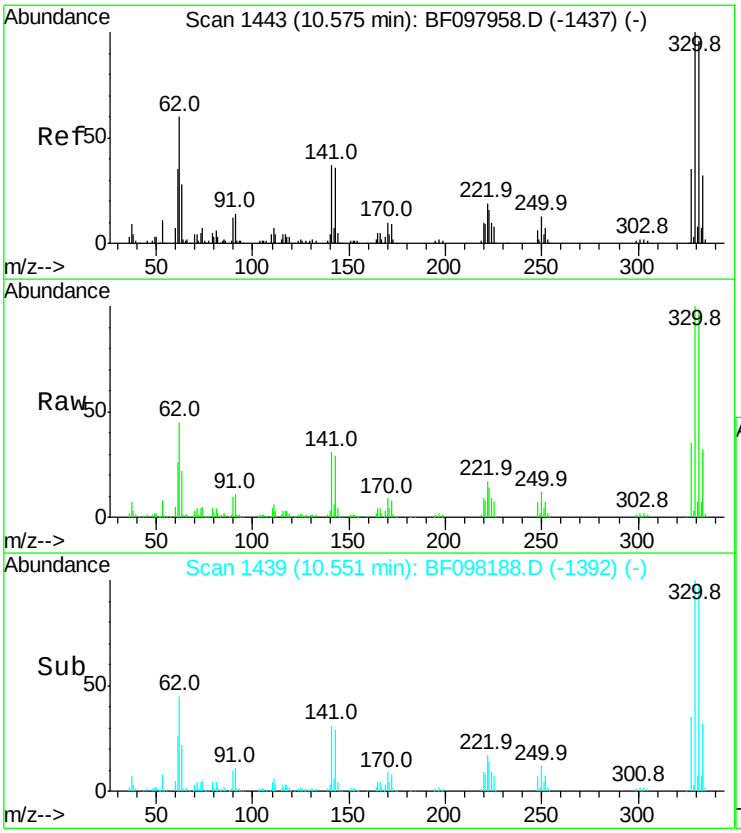
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.76 min Scan# 1304
Delta R.T. -0.03 min
Lab File: BF098188.D
Acq: 31 Aug 2017 7:31

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 154114

Ion	Ratio	Lower	Upper
164	100		
162	101.3	82.6	123.8
160	46.0	36.2	54.2

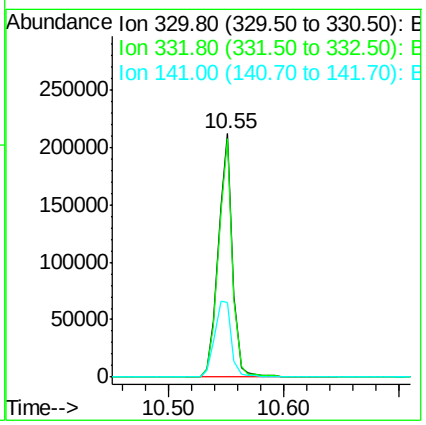


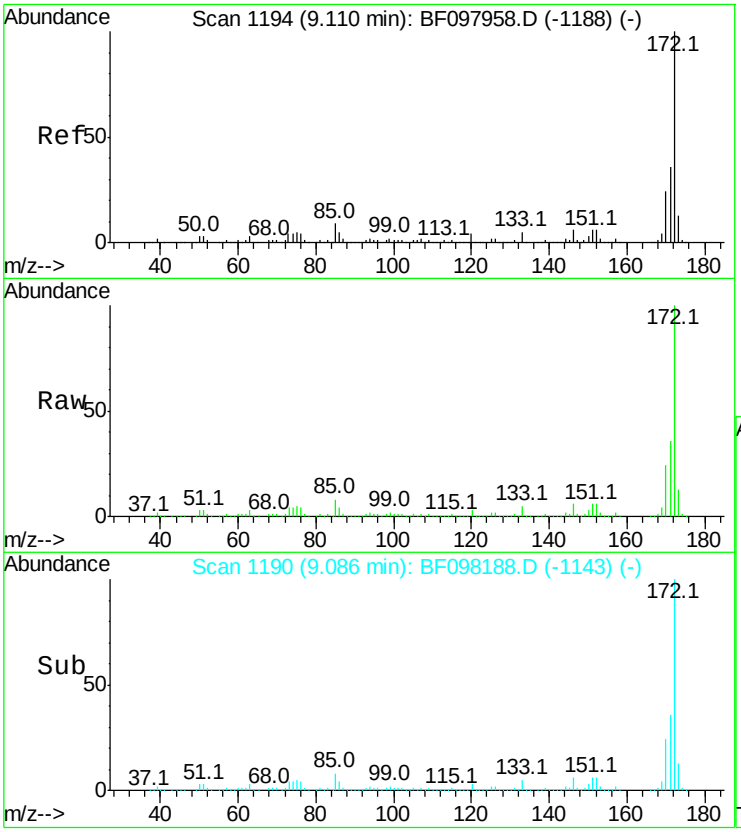


#41
2,4,6-Tribromophenol
Concen: 134.000 ng
RT: 10.55 min Scan# 1439
Delta R.T. -0.02 min
Lab File: BF098188.D
Acq: 31 Aug 2017 7:31

Tgt Ion:330 Resp: 179183

Ion	Ratio	Lower	Upper
330	100		
332	97.0	76.6	115.0
141	37.5	31.4	47.2



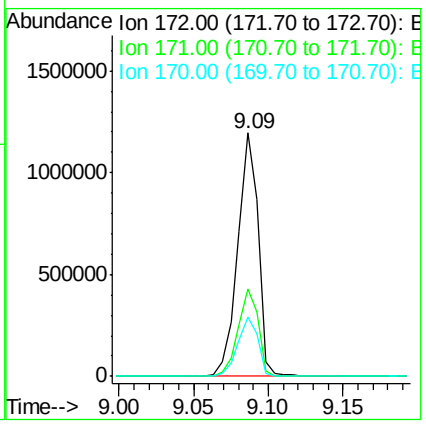


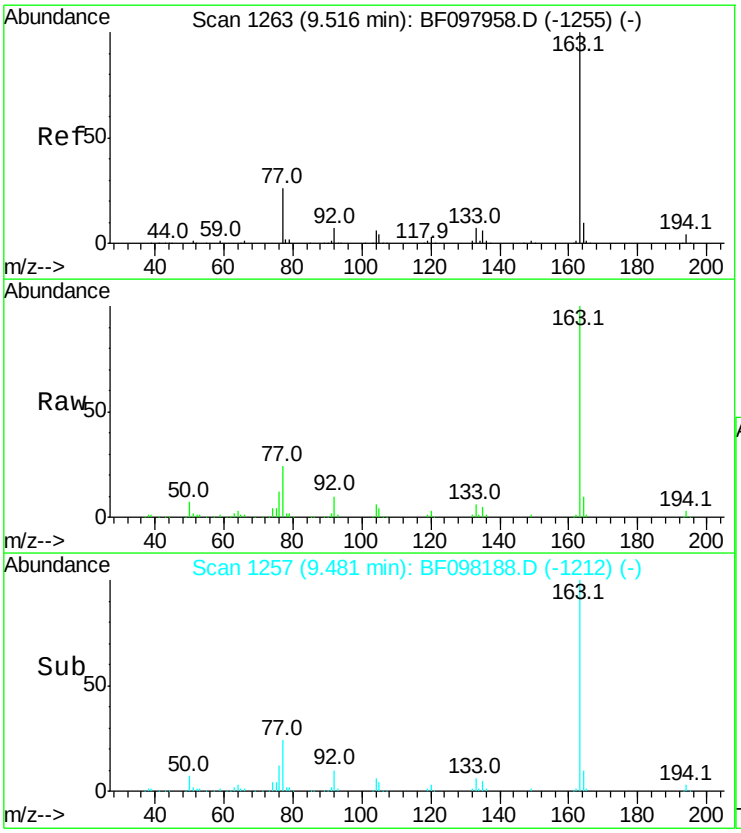
#44
2-Fluorobiphenyl
Concen: 108.926 ng
RT: 9.09 min Scan# 1190
Delta R.T. -0.02 min
Lab File: BF098188.D
Acq: 31 Aug 2017 7:31

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 1142596

Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.6	44.4
170	24.5	19.8	29.8

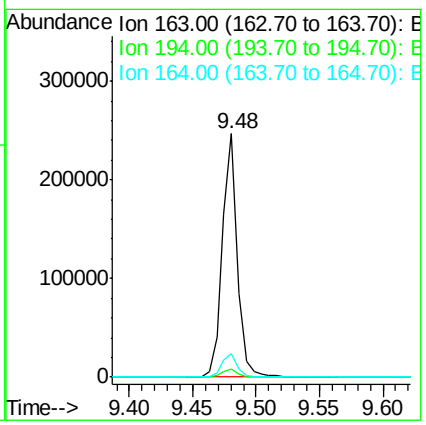


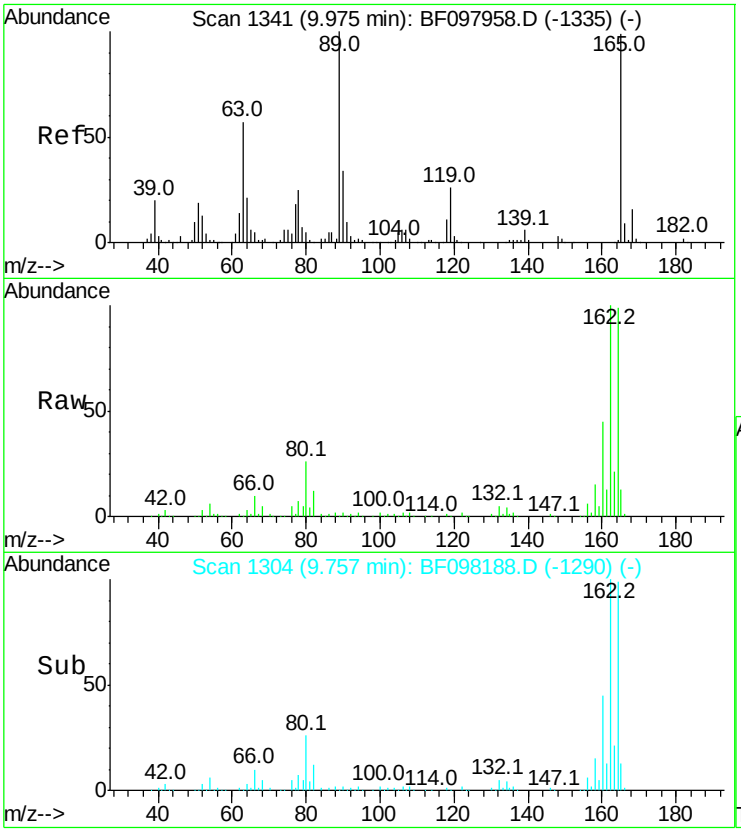


#49
Dimethylphthalate
Concen: 18.013 ng
RT: 9.48 min Scan# 1257
Delta R.T. -0.04 min
Lab File: BF098188.D
Acq: 31 Aug 2017 7:31

Tgt Ion:163 Resp: 202917

Ion	Ratio	Lower	Upper
163	100		
194	3.4	2.6	4.0
164	9.6	8.4	12.6



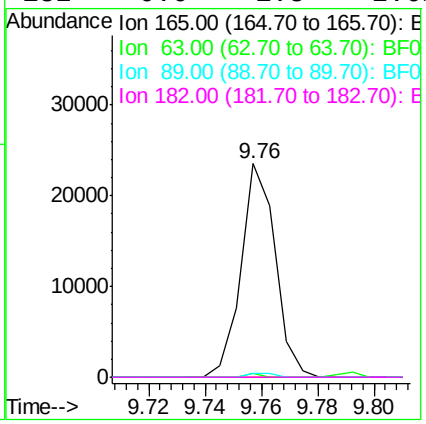


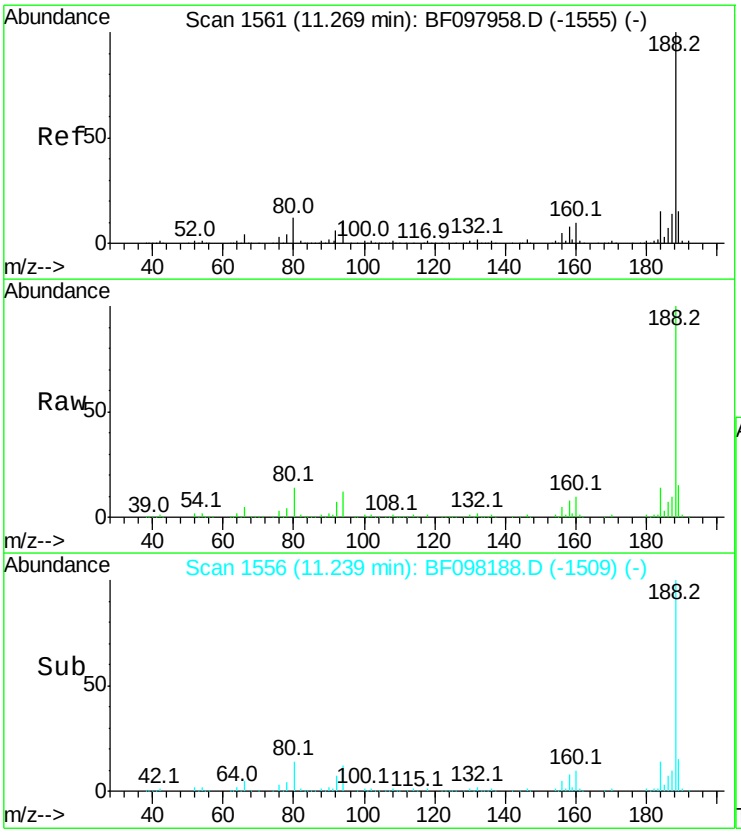
#56
2,4-Dinitrotoluene
Concen: 7.008 ng
RT: 9.76 min Scan# 1304
Delta R.T. -0.22 min
Lab File: BF098188.D
Acq: 31 Aug 2017 7:31

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 19777

Ion	Ratio	Lower	Upper
165	100		
63	1.7	25.4	38.0#
89	1.6	46.4	69.6#
182	0.0	1.8	2.6#

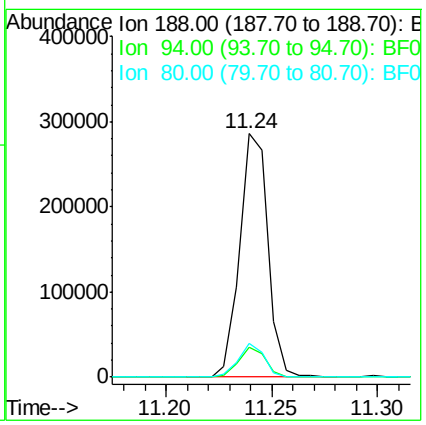


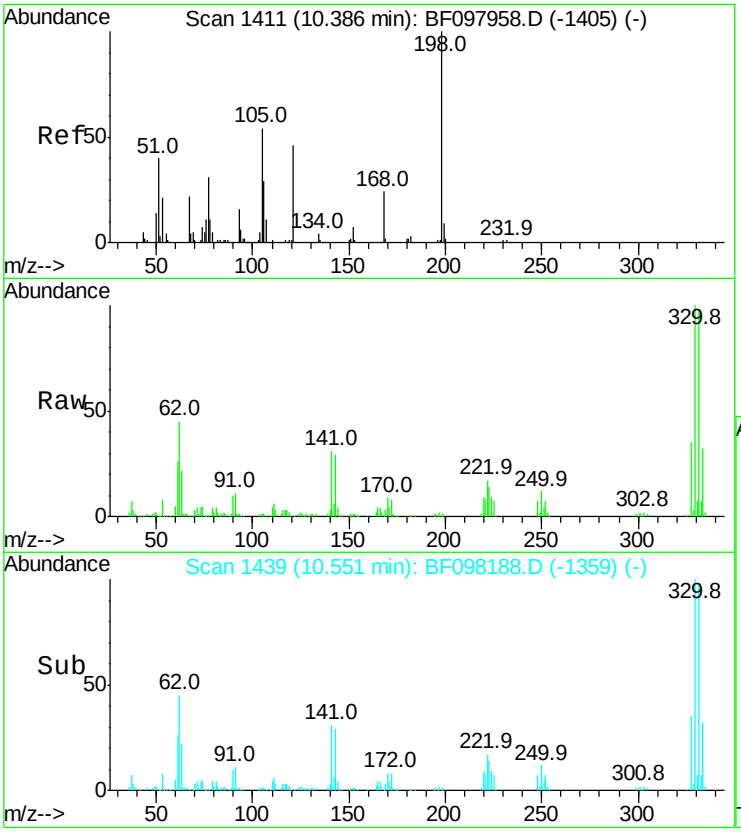


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.24 min Scan# 1556
Delta R.T. -0.02 min
Lab File: BF098188.D
Acq: 31 Aug 2017 7:31

Tgt Ion:188 Resp: 264688

Ion	Ratio	Lower	Upper
188	100		
94	12.1	9.4	14.2
80	14.0	10.2	15.2



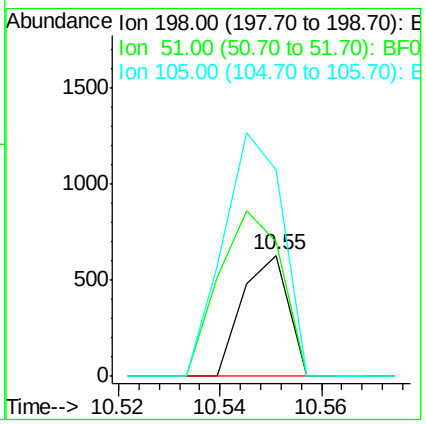


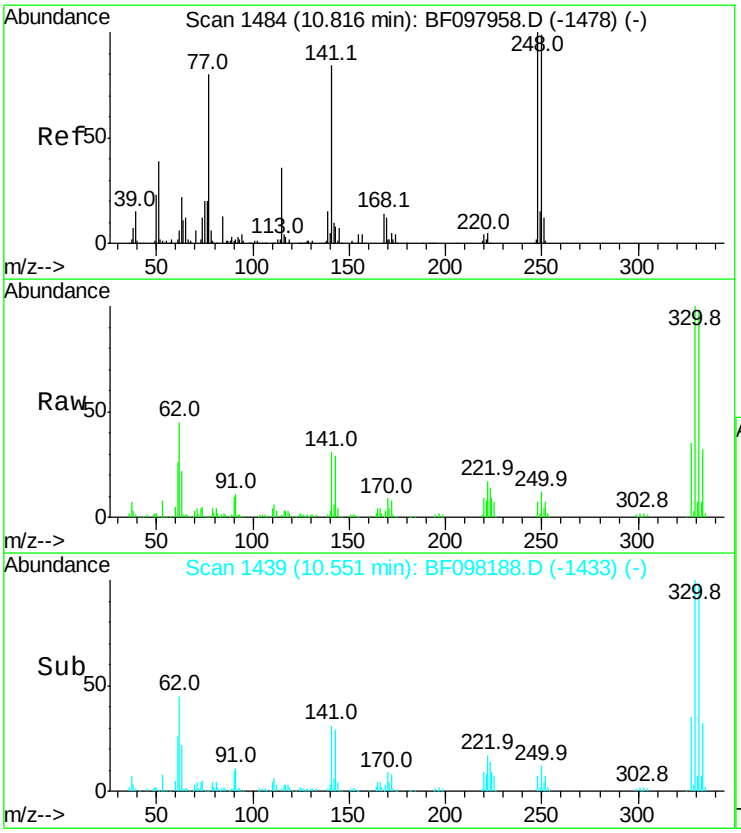
#64
4,6-Dinitro-2-methylphenol
Concen: 8.580 ng
RT: 10.55 min Scan# 1439
Delta R.T. 0.17 min
Lab File: BF098188.D
Acq: 31 Aug 2017 7:31

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:198 Resp: 391

Ion	Ratio	Lower	Upper
198	100		
51	110.8	53.2	93.2#
105	170.6	45.8	85.8#

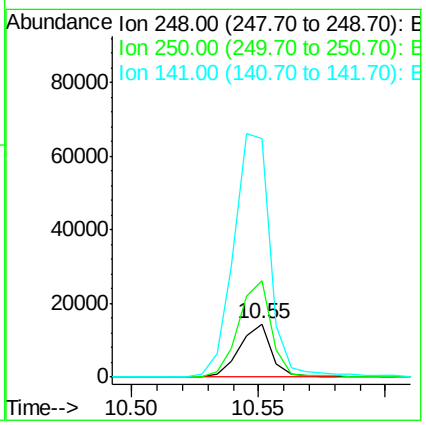


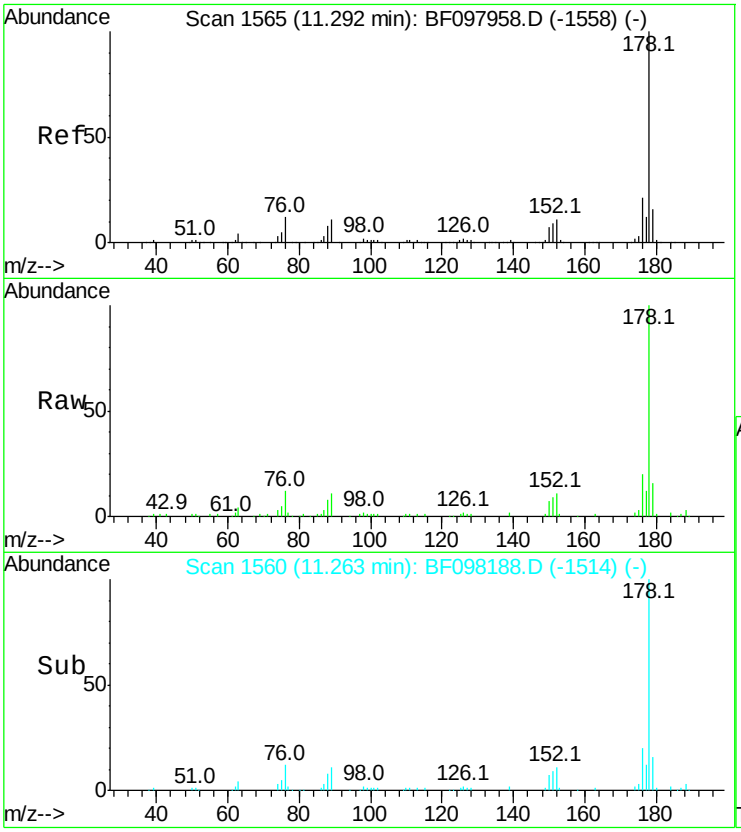


#66
4-Bromophenyl-phenylether
Concen: 4.511 ng
RT: 10.55 min Scan# 1439
Delta R.T. -0.26 min
Lab File: BF098188.D
Acq: 31 Aug 2017 7:31

Tgt Ion:248 Resp: 12398

Ion	Ratio	Lower	Upper
248	100		
250	182.3	76.8	115.2#
141	450.6	68.6	103.0#



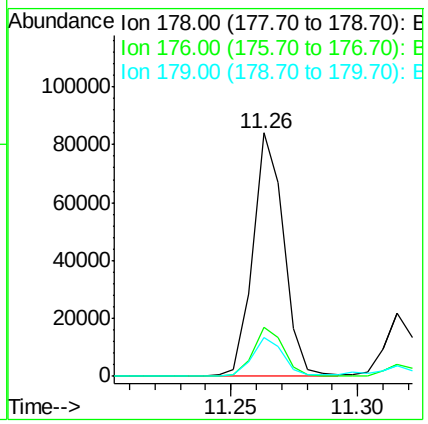


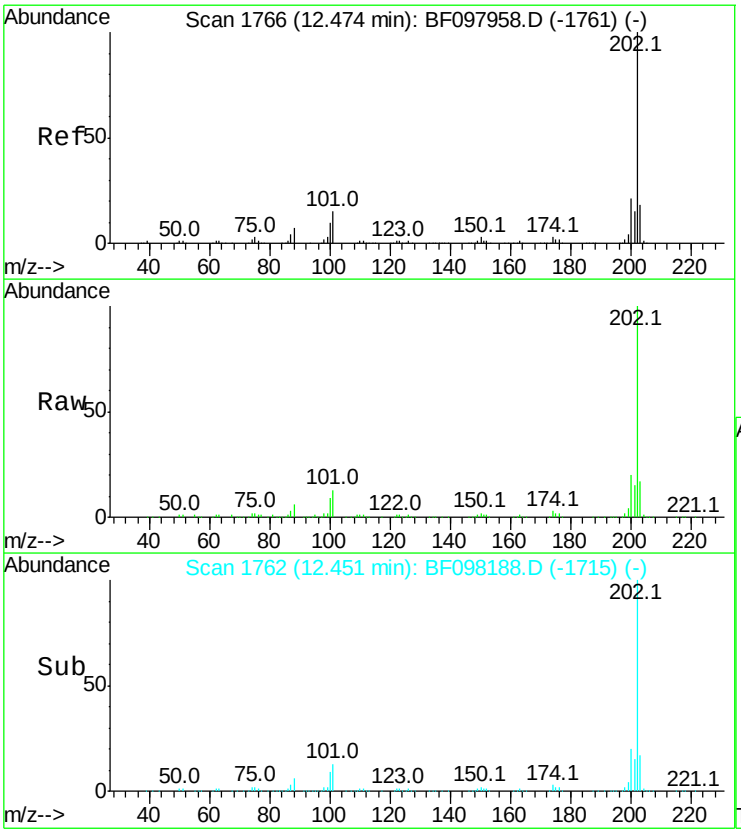
#70
Phenanthrene
Concen: 5.073 ng
RT: 11.26 min Scan# 1560
Delta R.T. -0.03 min
Lab File: BF098188.D
Acq: 31 Aug 2017 7:31

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 71548

Ion	Ratio	Lower	Upper
178	100		
176	19.9	16.2	24.4
179	16.0	12.6	19.0

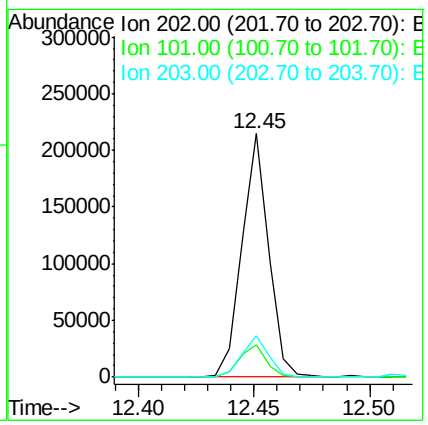


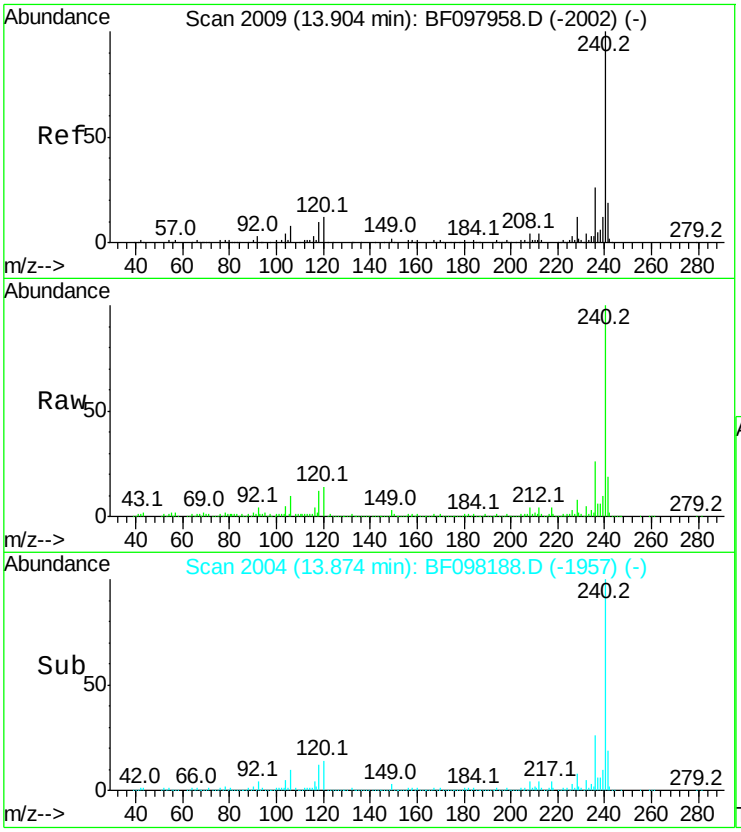


#74
Fluoranthene
Concen: 11.779 ng
RT: 12.45 min Scan# 1762
Delta R.T. -0.02 min
Lab File: BF098188.D
Acq: 31 Aug 2017 7:31

Tgt Ion:202 Resp: 173412

Ion	Ratio	Lower	Upper
202	100		
101	13.4	0.0	33.2
203	17.0	0.0	38.1



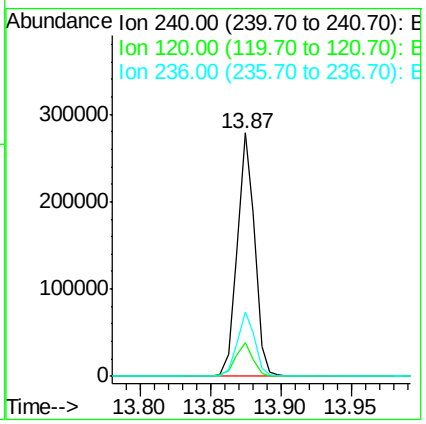


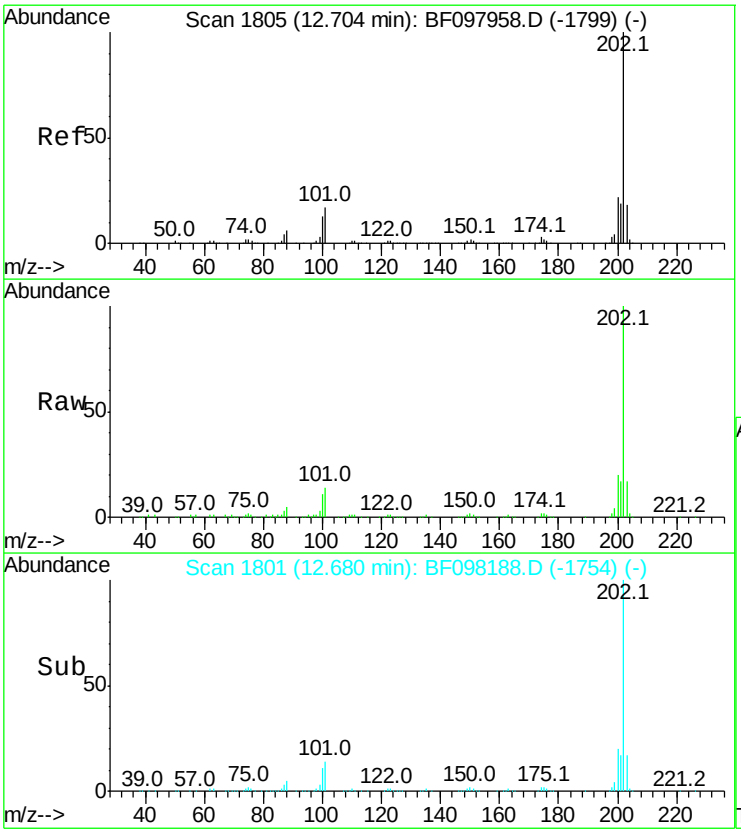
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.87 min Scan# 2004
Delta R.T. -0.02 min
Lab File: BF098188.D
Acq: 31 Aug 2017 7:31

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 239483

Ion	Ratio	Lower	Upper
240	100		
120	13.7	5.8	8.8#
236	26.3	20.5	30.7

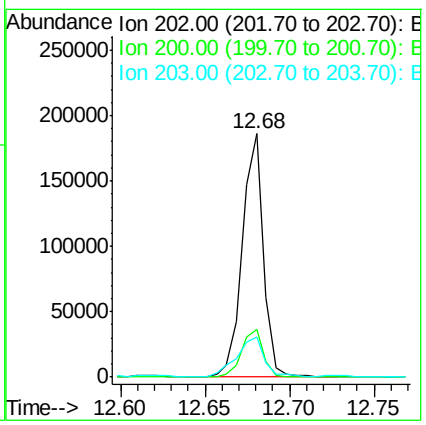


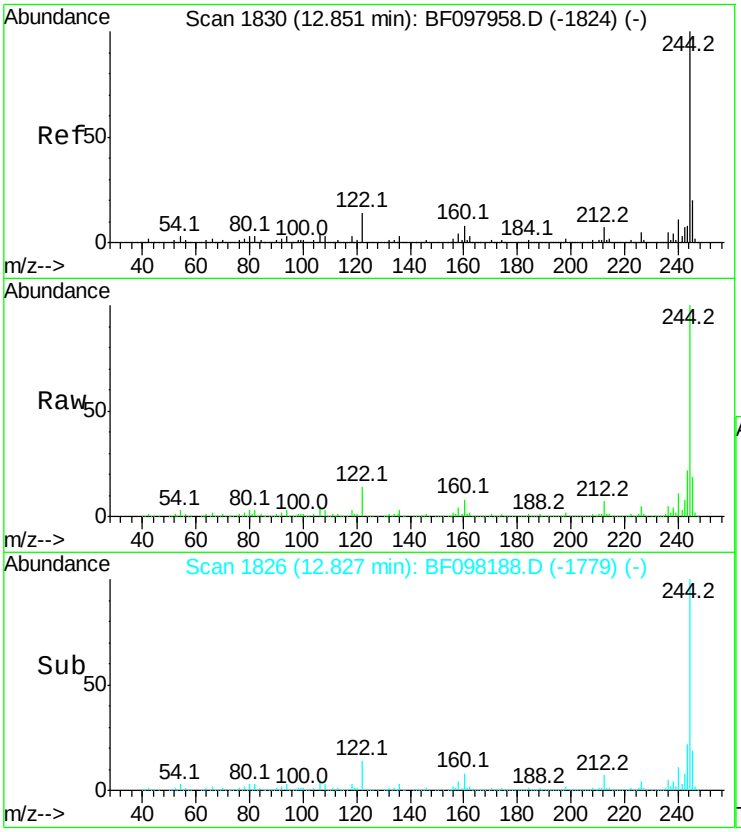


#77
Pyrene
Concen: 8.215 ng
RT: 12.68 min Scan# 1801
Delta R.T. -0.02 min
Lab File: BF098188.D
Acq: 31 Aug 2017 7:31

Tgt Ion:202 Resp: 160916

Ion	Ratio	Lower	Upper
202	100		
200	19.7	17.6	26.4
203	16.7	14.4	21.6



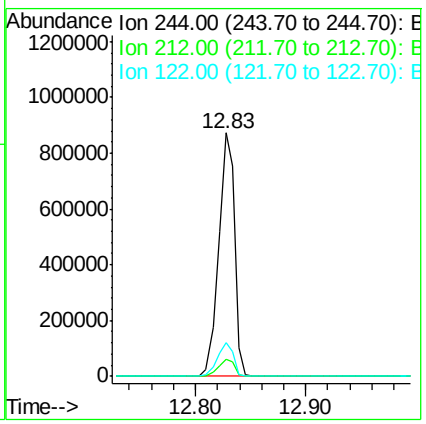


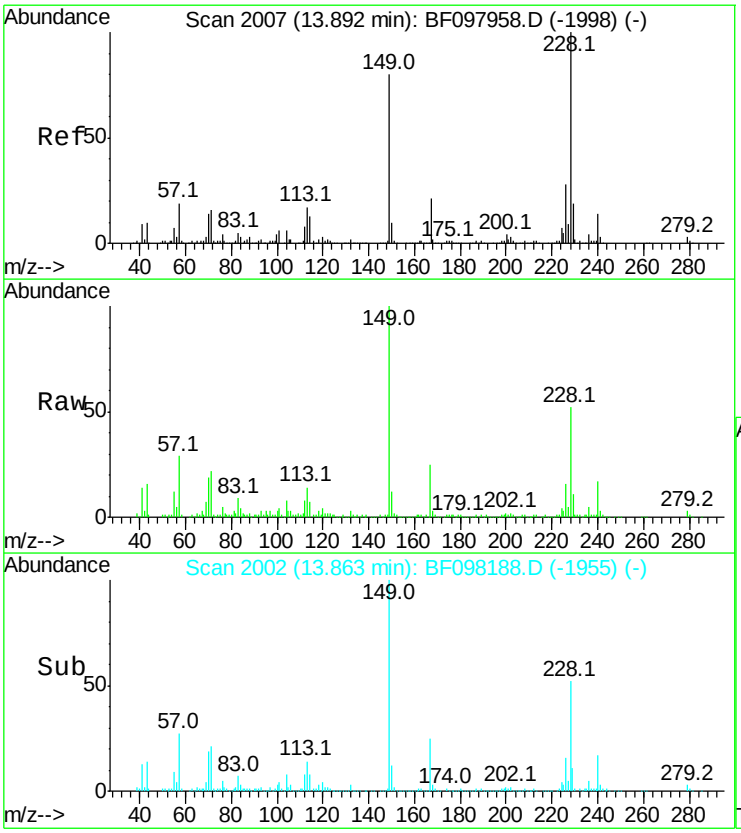
#78
Terphenyl-d14
Concen: 75.949 ng
RT: 12.83 min Scan# 1826
Delta R.T. -0.02 min
Lab File: BF098188.D
Acq: 31 Aug 2017 7:31

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 872207

Ion	Ratio	Lower	Upper
244	100		
212	7.1	6.0	9.0
122	13.9	10.3	15.5

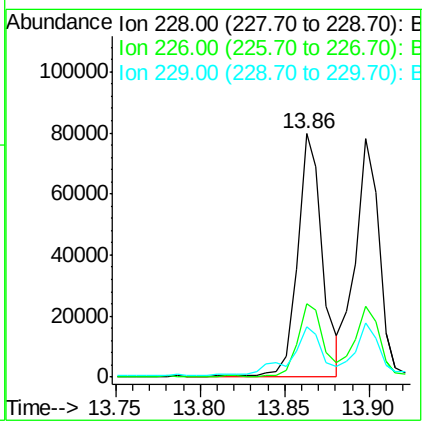


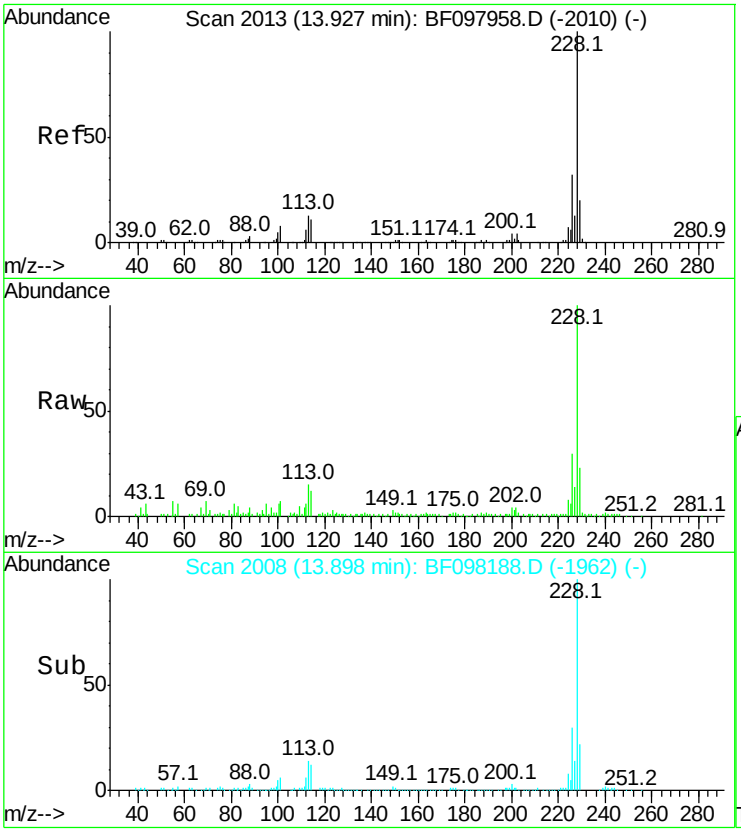


#80
Benzo(a)anthracene
Concen: 5.754 ng
RT: 13.86 min Scan# 2002
Delta R.T. -0.02 min
Lab File: BF098188.D
Acq: 31 Aug 2017 7:31

Tgt Ion:228 Resp: 82589

Ion	Ratio	Lower	Upper
228	100		
226	30.1	22.6	33.8
229	20.9	16.3	24.5



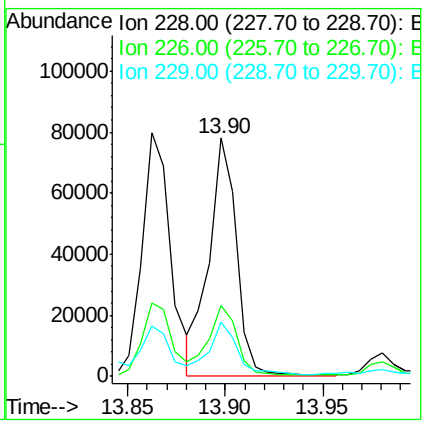


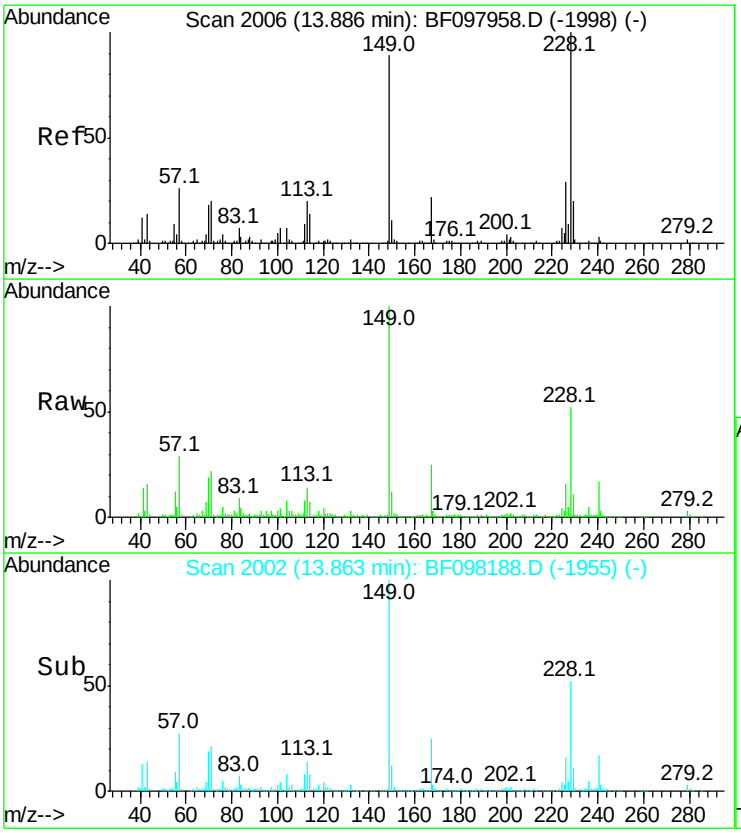
#82
Chrysene
Concen: 5.374 ng
RT: 13.90 min Scan# 2008
Delta R.T. -0.03 min
Lab File: BF098188.D
Acq: 31 Aug 2017 7:31

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 76734

Ion	Ratio	Lower	Upper
228	100		
226	29.8	24.9	37.3
229	22.6	15.8	23.6

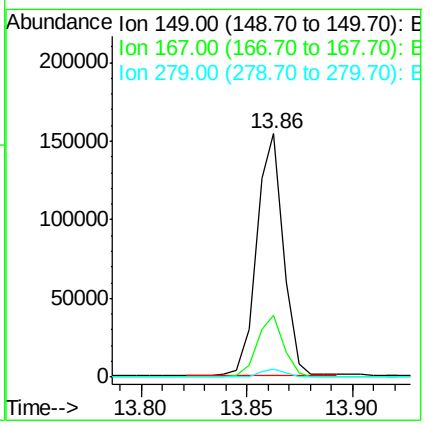


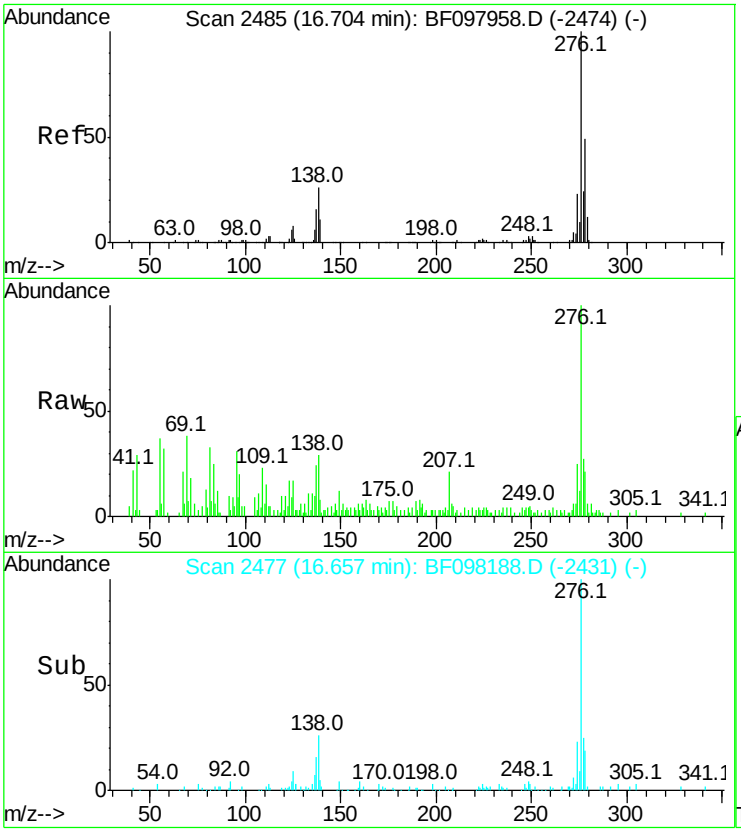


#83
Bis(2-ethylhexyl)phthalate
Concen: 16.080 ng
RT: 13.86 min Scan# 2002
Delta R.T. -0.02 min
Lab File: BF098188.D
Acq: 31 Aug 2017 7:31

Tgt Ion:149 Resp: 133808

Ion	Ratio	Lower	Upper
149	100		
167	25.3	21.0	31.4
279	3.1	1.9	2.9#



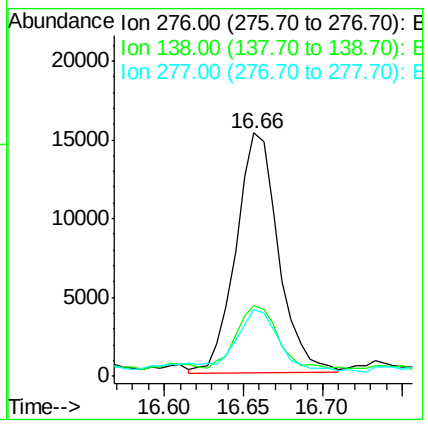


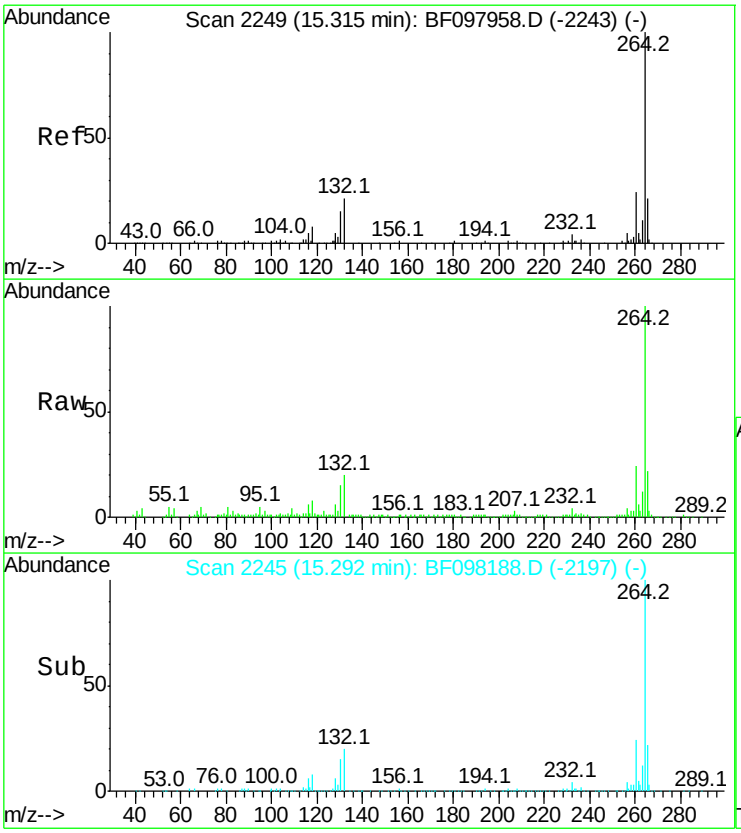
#85
Indeno(1,2,3-cd)pyrene
Concen: 2.692 ng
RT: 16.66 min Scan# 2477
Delta R.T. -0.03 min
Lab File: BF098188.D
Acq: 31 Aug 2017 7:31

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 28276

Ion	Ratio	Lower	Upper
276	100		
138	26.3	27.8	41.6#
277	25.1	20.2	30.4

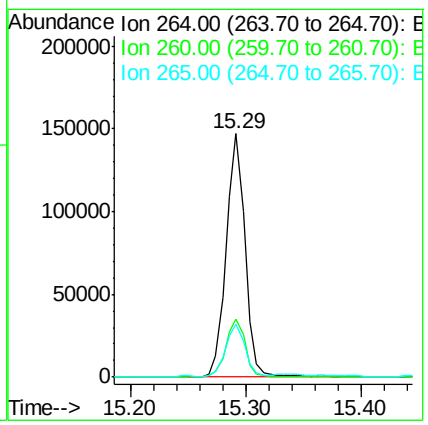


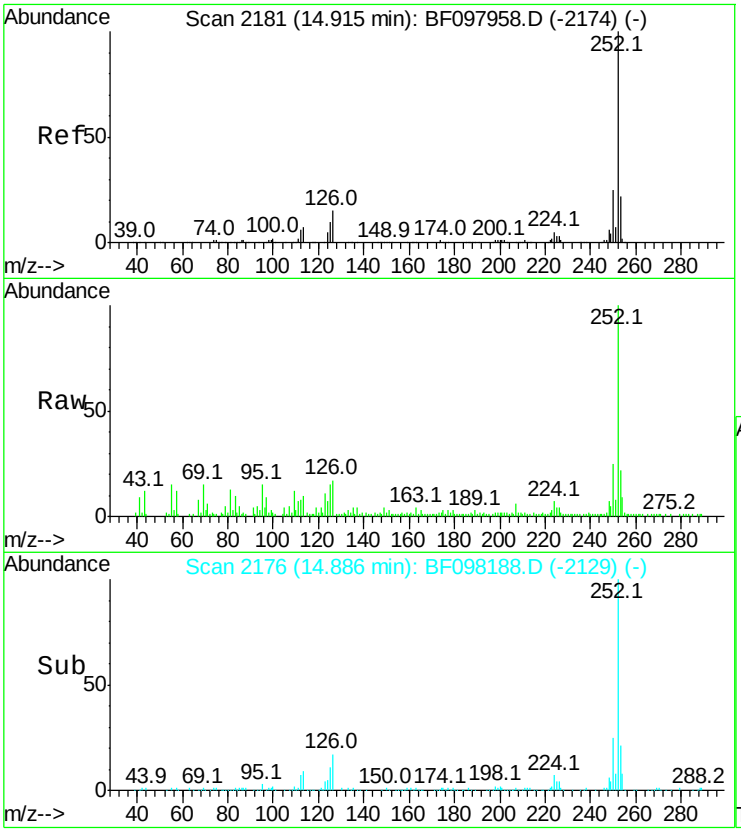


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.29 min Scan# 2245
Delta R.T. -0.02 min
Lab File: BF098188.D
Acq: 31 Aug 2017 7:31

Tgt Ion:264 Resp: 164299

Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.5	29.3
265	21.9	17.2	25.8



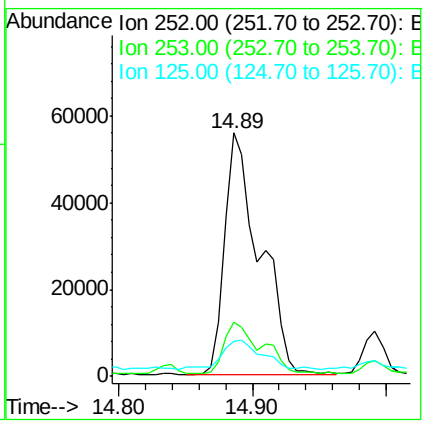


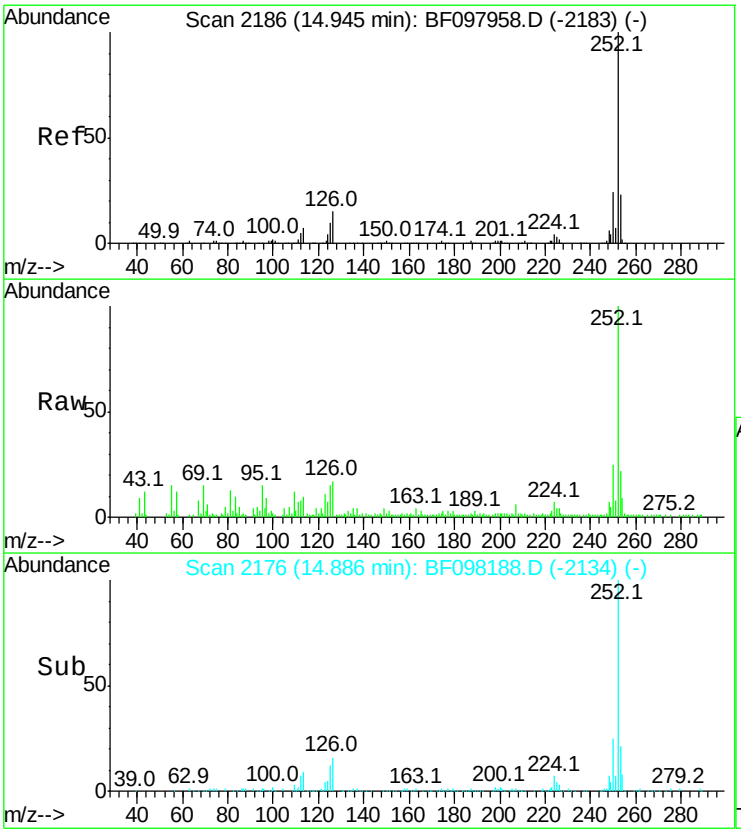
#87
Benzo(b)fluoranthene
Concen: 9.914 ng
RT: 14.89 min Scan# 2176
Delta R.T. -0.02 min
Lab File: BF098188.D
Acq: 31 Aug 2017 7:31

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 102677

Ion	Ratio	Lower	Upper
252	100		
253	22.3	18.1	27.1
125	14.5	9.8	14.8

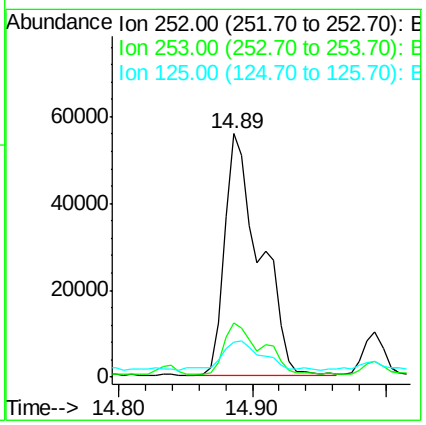


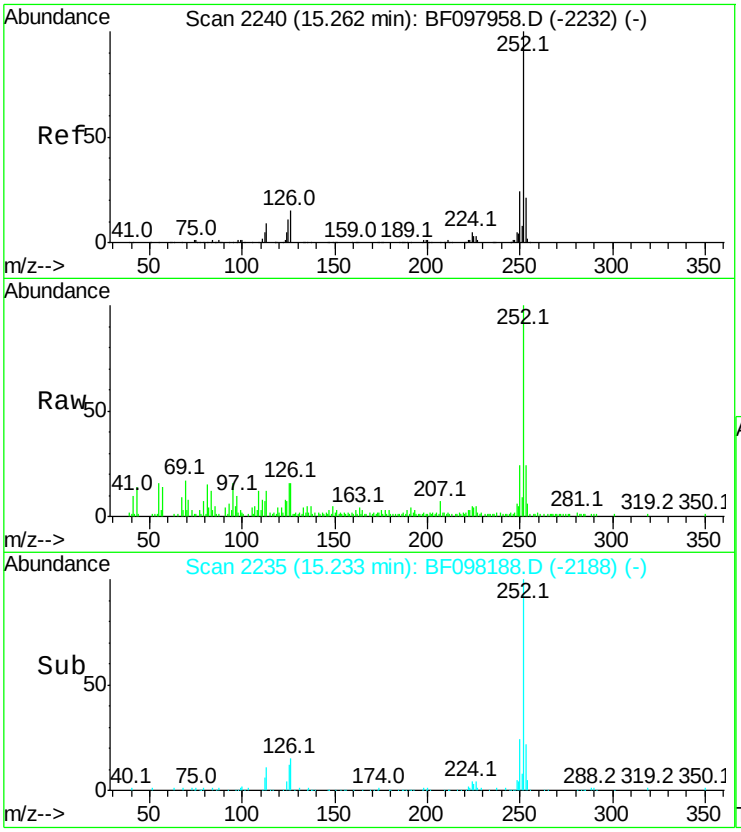


#88
Benzo(k)fluoranthene
Concen: 10.553 ng
RT: 14.89 min Scan# 2176
Delta R.T. -0.05 min
Lab File: BF098188.D
Acq: 31 Aug 2017 7:31

Tgt Ion:252 Resp: 102677

Ion	Ratio	Lower	Upper
252	100		
253	22.3	18.4	27.6
125	14.5	13.1	19.7



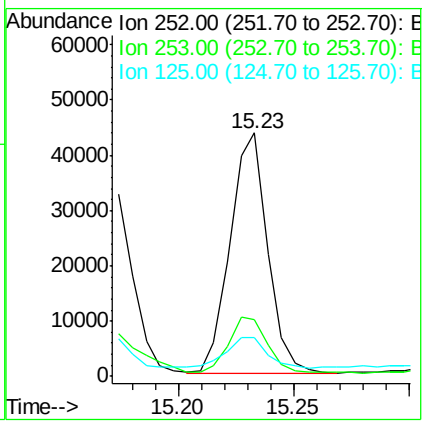


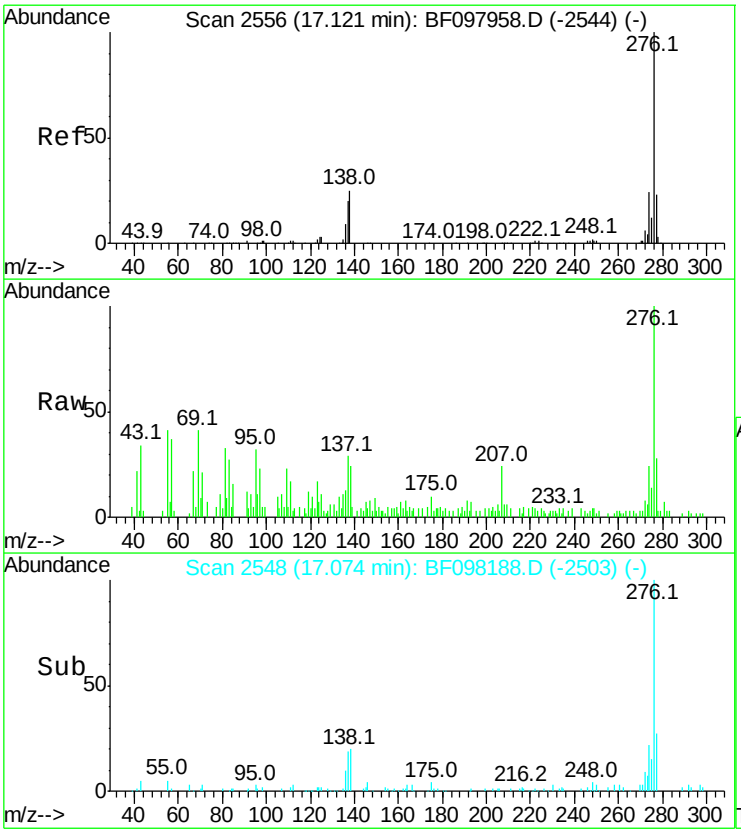
#89
Benzo(a)pyrene
Concen: 5.366 ng
RT: 15.23 min Scan# 2235
Delta R.T. -0.02 min
Lab File: BF098188.D
Acq: 31 Aug 2017 7:31

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 49198

Ion	Ratio	Lower	Upper
252	100		
253	23.5	17.5	26.3
125	15.7	11.0	16.4





#91
Benzo(g,h,i)perylene
Concen: 3.672 ng
RT: 17.07 min Scan# 2548
Delta R.T. -0.04 min
Lab File: BF098188.D
Acq: 31 Aug 2017 7:31

Tgt Ion:276 Resp: 28595

Ion	Ratio	Lower	Upper
276	100		
277	28.2	18.6	28.0#
138	24.2	25.4	38.0#