Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF090617\
Data File : BF098290.D
Acq On : 6 Sep 2017 23:26
Operator : SJ/JU
Sample : I5053-06
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : G-62A-1.5-3

Quant Time: Sep 07 03:41:13 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 05 17:28:20 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	101659	20.00	ng		0.00
21) Naphthalene-d8	7.98	136	380445	20.00	ng		0.00
38) Acenaphthene-d10	9.73	164	148235	20.00	ng		0.00
63) Phenanthrene-d10	11.22	188	235783	20.00	ng		0.00
75) Chrysene-d12	13.85	240	218272	20.00	ng		-0.01
86) Perylene-d12	15.26	264	155102	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.30	112	683850	102.32	ng		0.00
7) Phenol-d6	6.35	99	896577	98.73	ng		0.00
23) Nitrobenzene-d5	7.26	82	536046	76.54	ng		-0.01
41) 2,4,6-Tribromophenol	10.52	330	120891	93.99	ng		-0.01
44) 2-Fluorobiphenyl	9.06	172	748313	74.17	ng		-0.01
78) Terphenyl-d14	12.80	244	496212	47.41	ng		-0.01
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.26	70	70512	11.34	ng	#	72
25) Isophorone	7.26	82	530273	36.41	ng	#	67
32) Benzoic acid	7.78	122	123	6.43	ng	#	21
37) 2-Methylnaphthalene	8.69	142	24891	2.06	ng		98
49) Dimethylphthalate	9.45	163	129106	11.92	ng		98
53) 2,4-Dinitrophenol	10.02	184	134	10.26	ng	#	4
55) 4-Nitrophenol	9.93	139	6651	2.99	ng	#	34
64) 4,6-Dinitro-2-methylphenol	10.52	198	238	8.50	ng	#	1
66) 4-Bromophenyl-phenylether	10.52	248	7826	3.20	ng	#	1
70) Phenanthrene	11.24	178	110690	8.81	ng		97
71) Anthracene	11.29	178	30661	2.41	ng		99
74) Fluoranthene	12.42	202	158923	12.12	ng		98
77) Pyrene	12.65	202	145002	8.12	ng		97
80) Benzo(a)anthracene	13.84	228	77915	5.96	ng		98
82) Chrysene	13.87	228	94553	7.27	ng		97
85) Indeno(1,2,3-cd)pyrene	16.62	276	27877	2.91	ng		93
87) Benzo(b)fluoranthene	14.86	252	125394	12.83	ng	#	98
88) Benzo(k)fluoranthene	14.86	252	125394	13.65	ng		98
89) Benzo(a)pyrene	15.20	252	46883	5.42	ng	#	90
91) Benzo(g,h,i)perylene	17.03	276	28038	3.81	ng		91

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

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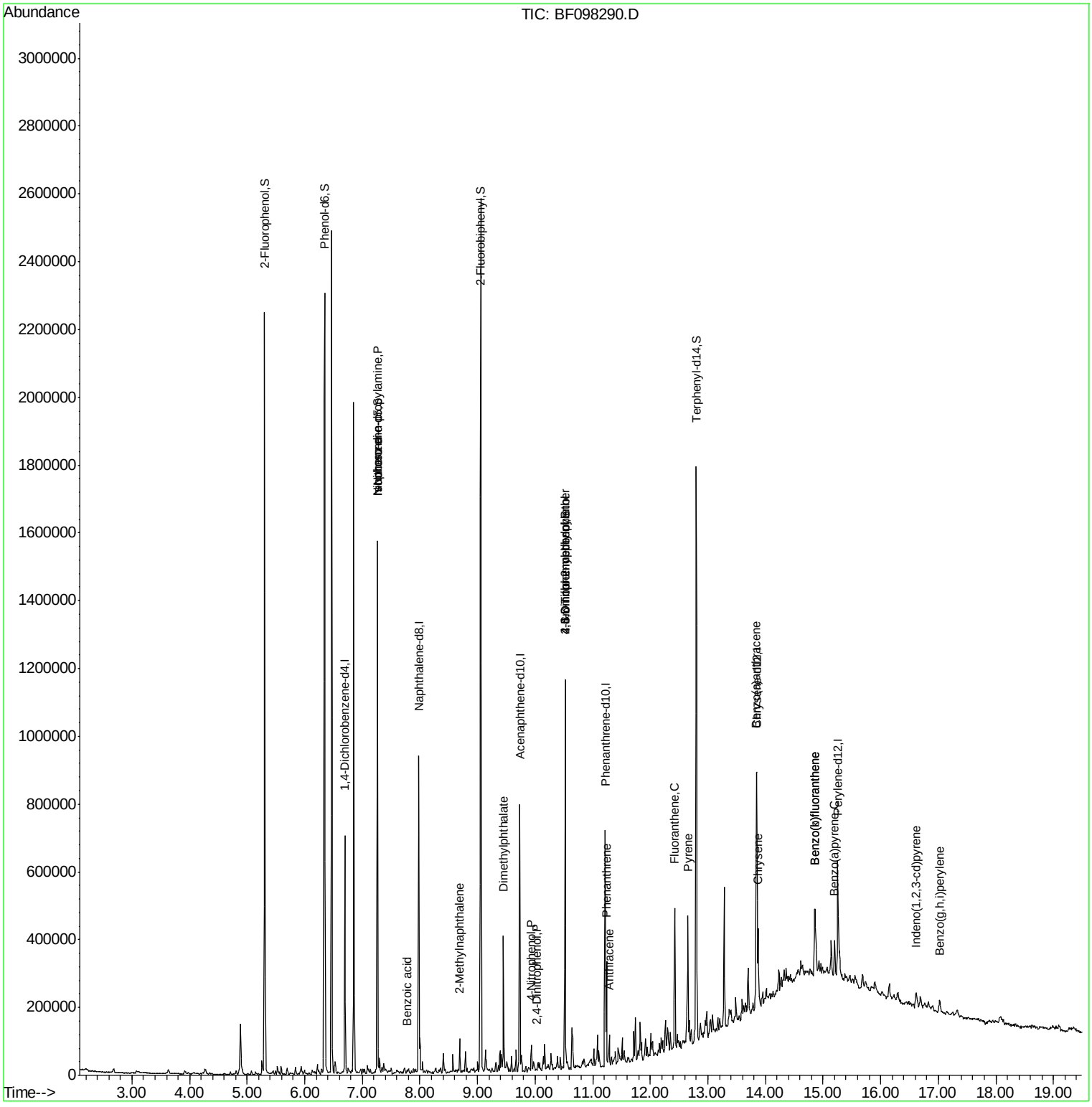
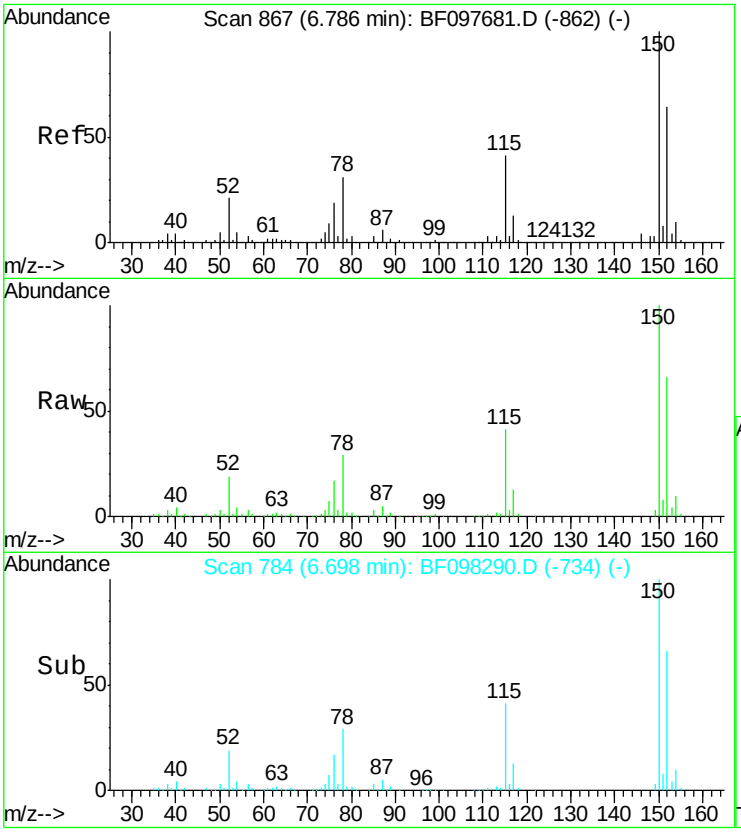


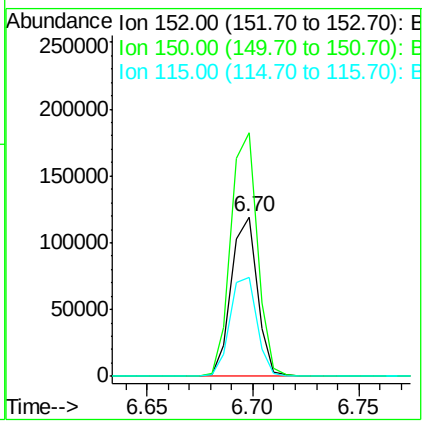


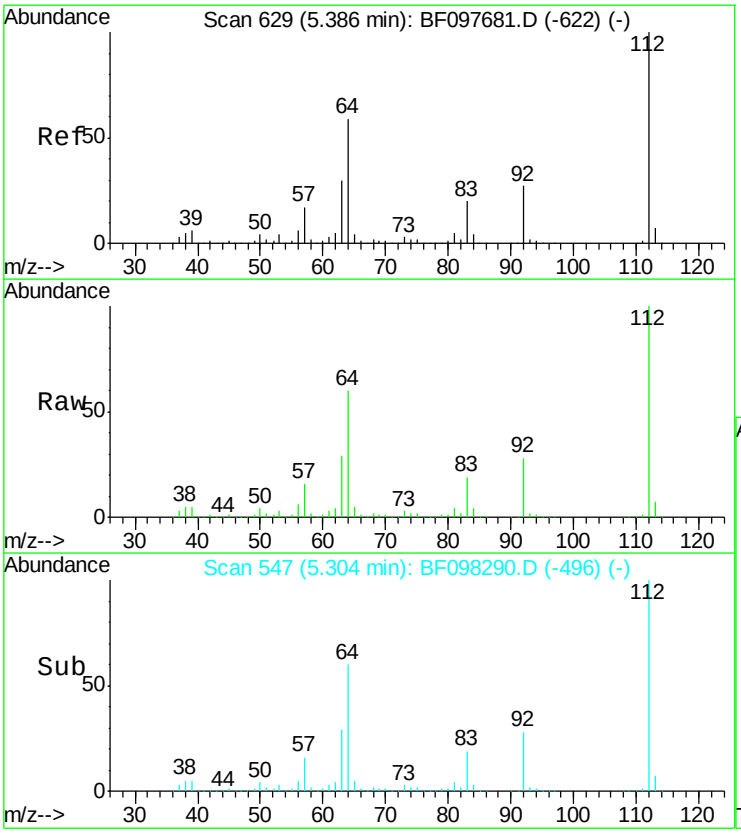
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.70 min Scan# 784
Delta R.T. -0.01 min
Lab File: BF098290.D
Acq: 6 Sep 2017 23:26

Instrument :
BNA_F
ClientSampleId :
G-62A-1.5-3

Tgt Ion:152 Resp: 101659

Ion	Ratio	Lower	Upper
152	100		
150	152.6	126.2	189.2
115	62.1	52.2	78.2

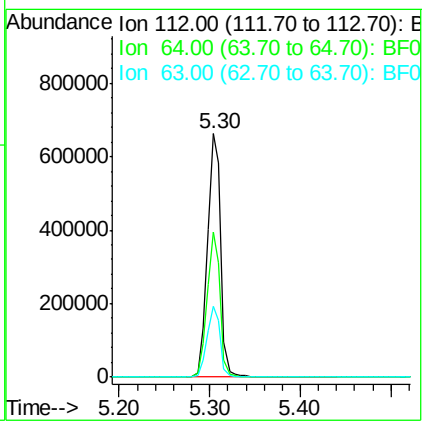


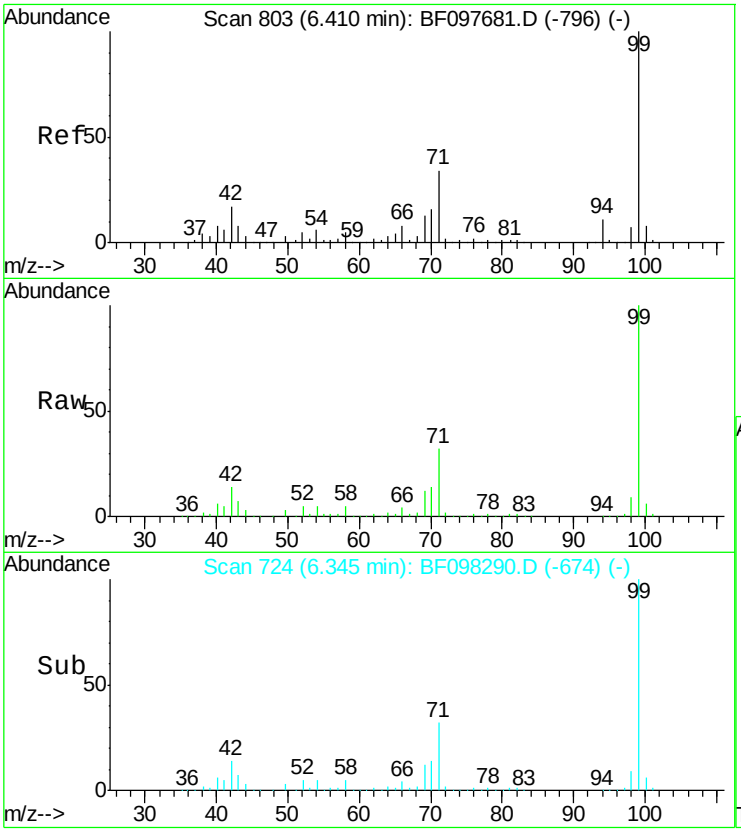


#5
2-Fluorophenol
Concen: 102.32 ng
RT: 5.30 min Scan# 547
Delta R.T. -0.00 min
Lab File: BF098290.D
Acq: 6 Sep 2017 23:26

Tgt Ion:112 Resp: 683850

Ion	Ratio	Lower	Upper
112	100		
64	59.6	46.0	69.0
63	29.1	23.4	35.0



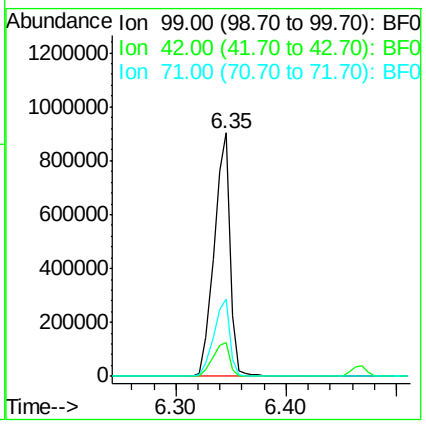


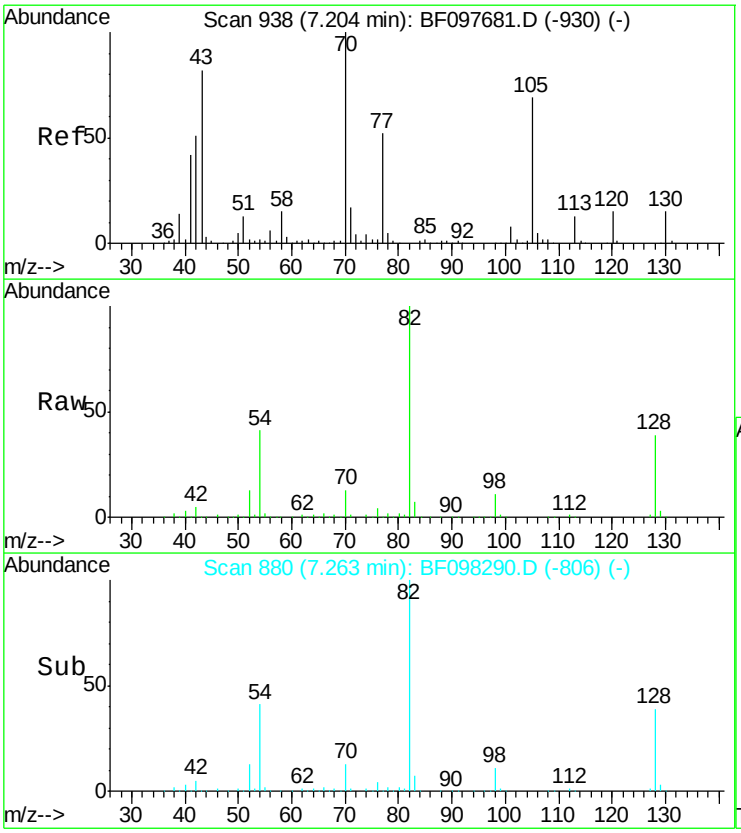
#7
Phenol-d6
Concen: 98.73 ng
RT: 6.35 min Scan# 724
Delta R.T. -0.01 min
Lab File: BF098290.D
Acq: 6 Sep 2017 23:26

Instrument :
BNA_F
ClientSampleId :
G-62A-1.5-3

Tgt Ion: 99 Resp: 896577

Ion	Ratio	Lower	Upper
99	100		
42	13.8	13.5	20.3
71	31.6	24.5	36.7

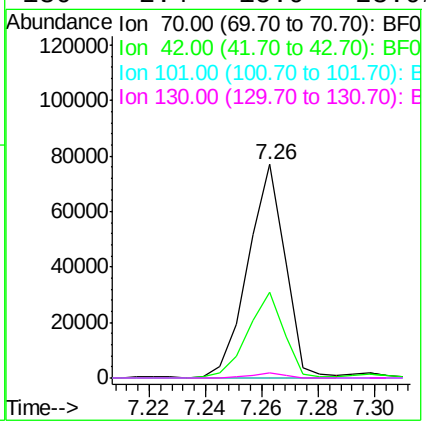


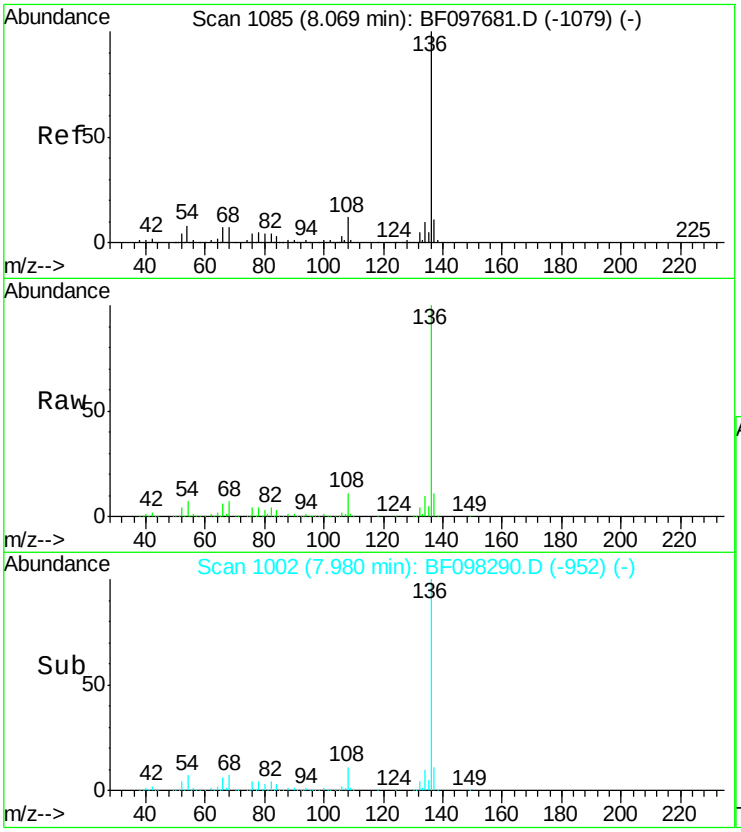


#19
n-Nitroso-di-n-propylamine
Concen: 11.34 ng
RT: 7.26 min Scan# 880
Delta R.T. 0.14 min
Lab File: BF098290.D
Acq: 6 Sep 2017 23:26

Tgt Ion: 70 Resp: 70512

Ion	Ratio	Lower	Upper
70	100		
42	40.1	47.2	70.8#
101	0.0	7.2	10.8#
130	2.4	15.9	23.9#



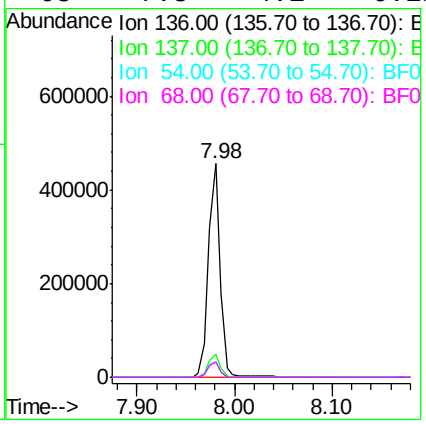


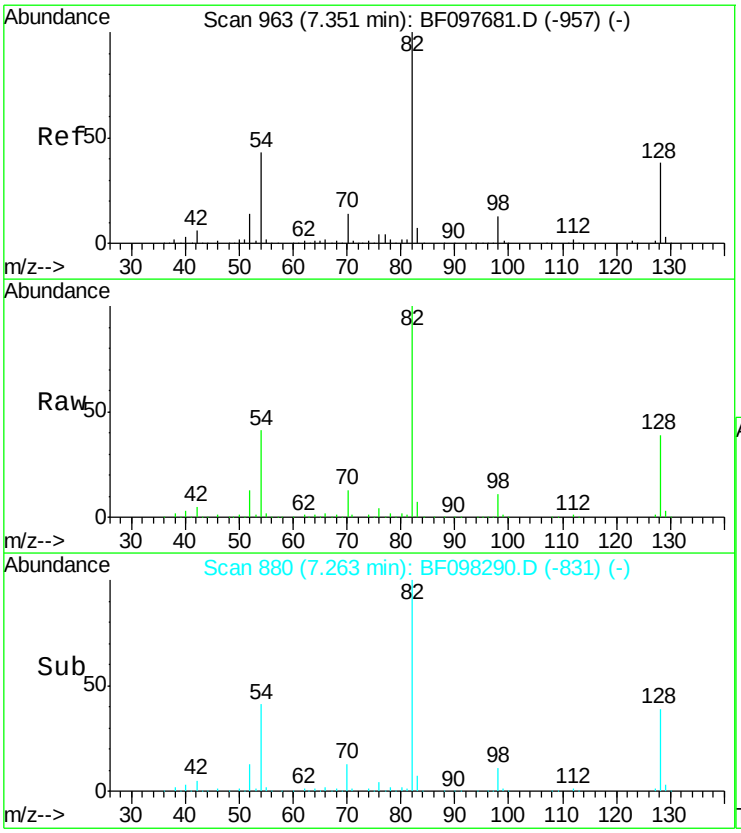
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.98 min Scan# 1002
Delta R.T. -0.01 min
Lab File: BF098290.D
Acq: 6 Sep 2017 23:26

Instrument :
BNA_F
ClientSampleId :
G-62A-1.5-3

Tgt Ion:136 Resp: 380445

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

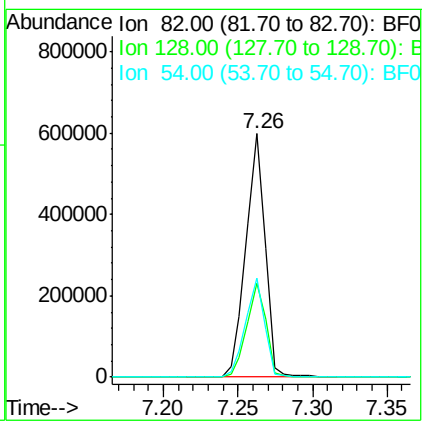


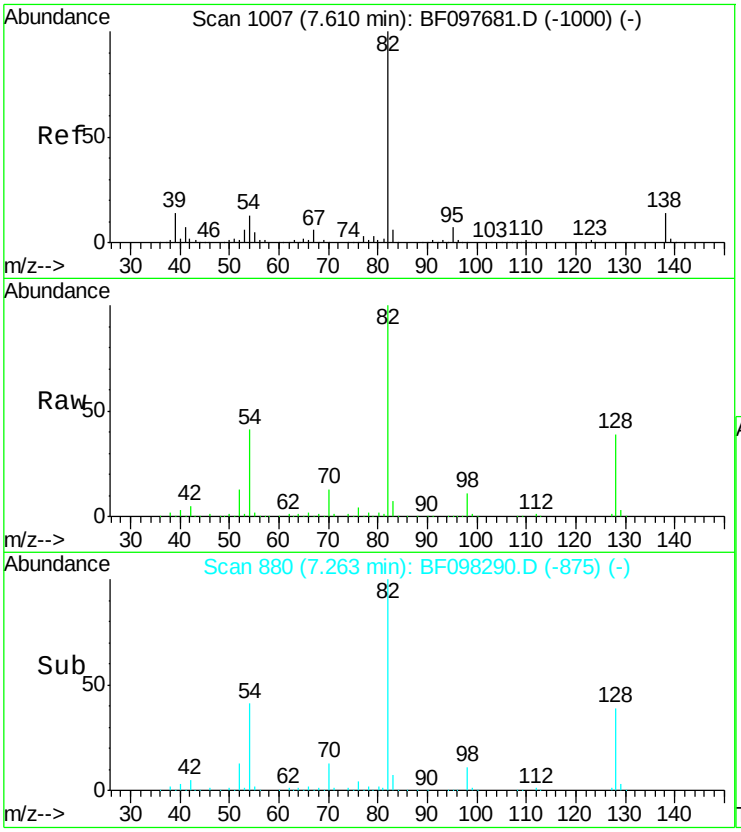


#23
Nitrobenzene-d5
Concen: 76.54 ng
RT: 7.26 min Scan# 880
Delta R.T. -0.01 min
Lab File: BF098290.D
Acq: 6 Sep 2017 23:26

Tgt Ion: 82 Resp: 536046

Ion	Ratio	Lower	Upper
82	100		
128	38.8	34.0	51.0
54	40.7	42.2	63.2#



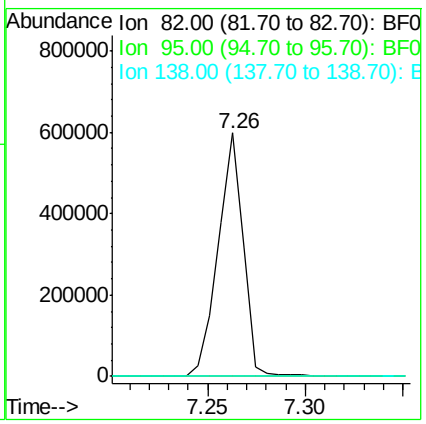


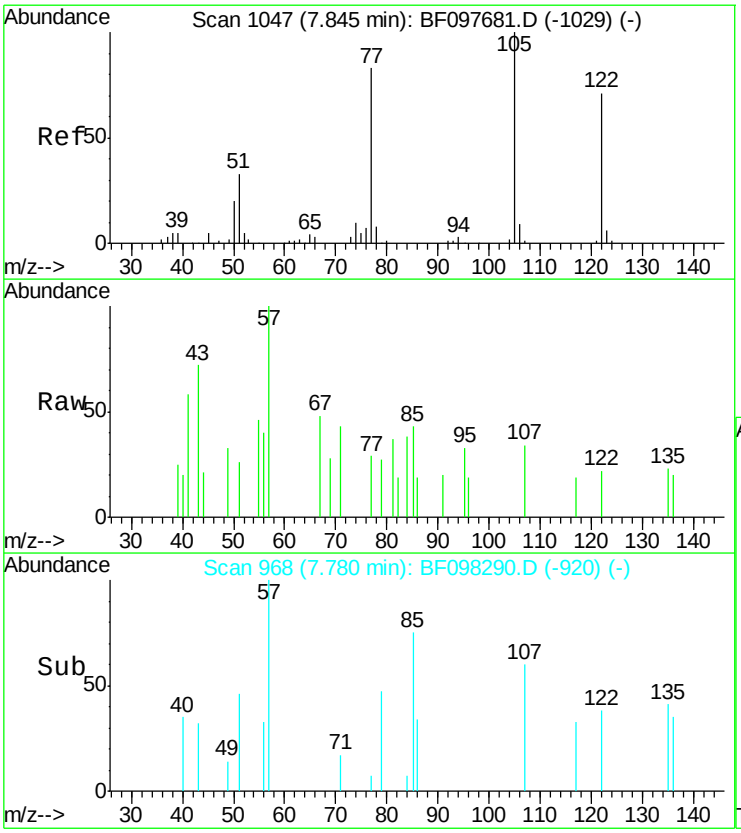
#25
Isophorone
Concen: 36.41 ng
RT: 7.26 min Scan# 880
Delta R.T. -0.27 min
Lab File: BF098290.D
Acq: 6 Sep 2017 23:26

Instrument :
BNA_F
ClientSampleId :
G-62A-1.5-3

Tgt Ion: 82 Resp: 530273

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

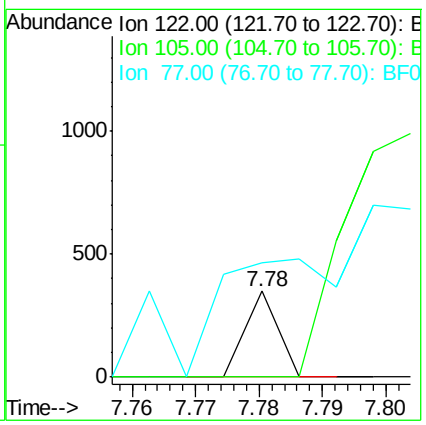


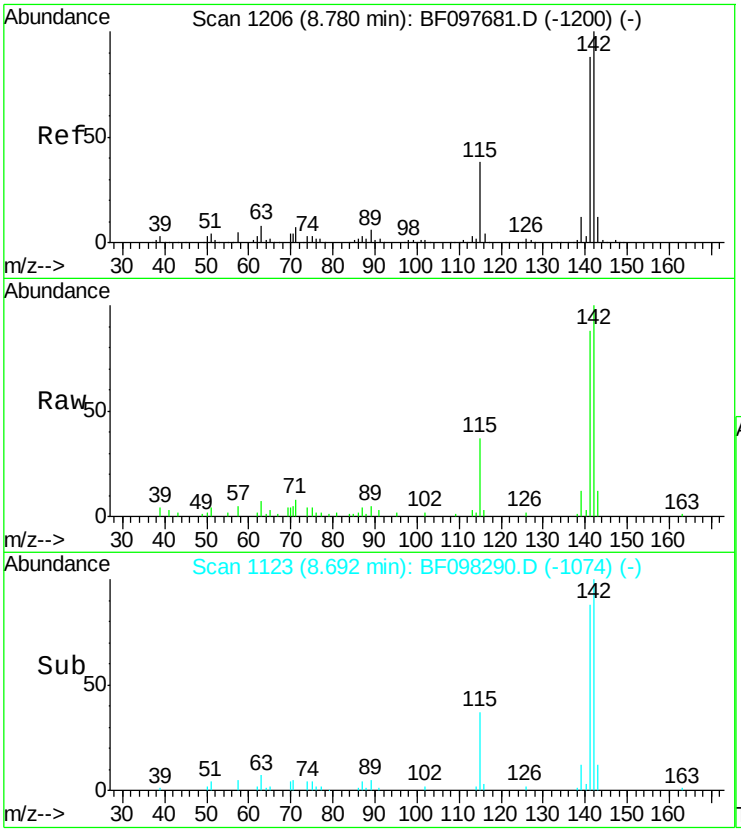


#32
Benzoic acid
Concen: 6.43 ng
RT: 7.78 min Scan# 968
Delta R.T. -0.02 min
Lab File: BF098290.D
Acq: 6 Sep 2017 23:26

Tgt Ion:122 Resp: 123

Ion	Ratio	Lower	Upper
122	100		
105	0.0	103.3	143.3#
77	132.6	73.7	113.7#



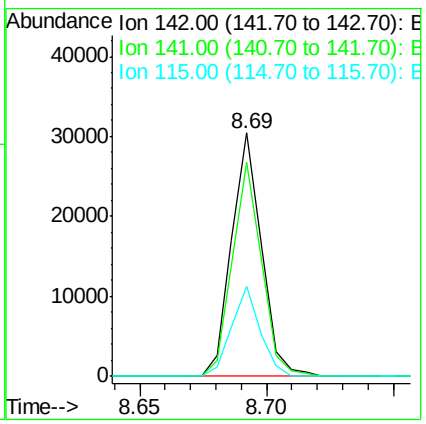


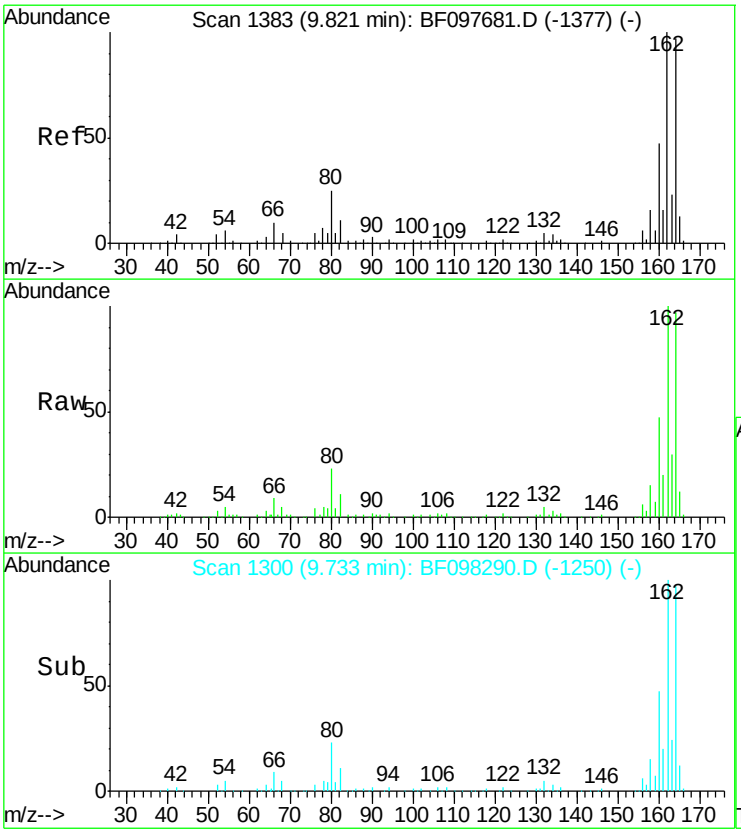
#37
2-Methylnaphthalene
Concen: 2.06 ng
RT: 8.69 min Scan# 1123
Delta R.T. -0.01 min
Lab File: BF098290.D
Acq: 6 Sep 2017 23:26

Instrument :
BNA_F
ClientSampleId :
G-62A-1.5-3

Tgt Ion:142 Resp: 24891

Ion	Ratio	Lower	Upper
142	100		
141	87.8	71.3	106.9
115	36.8	27.1	40.7

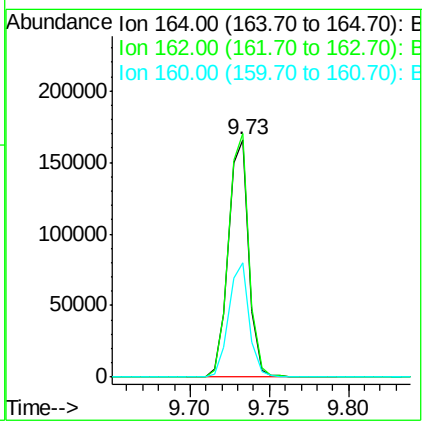


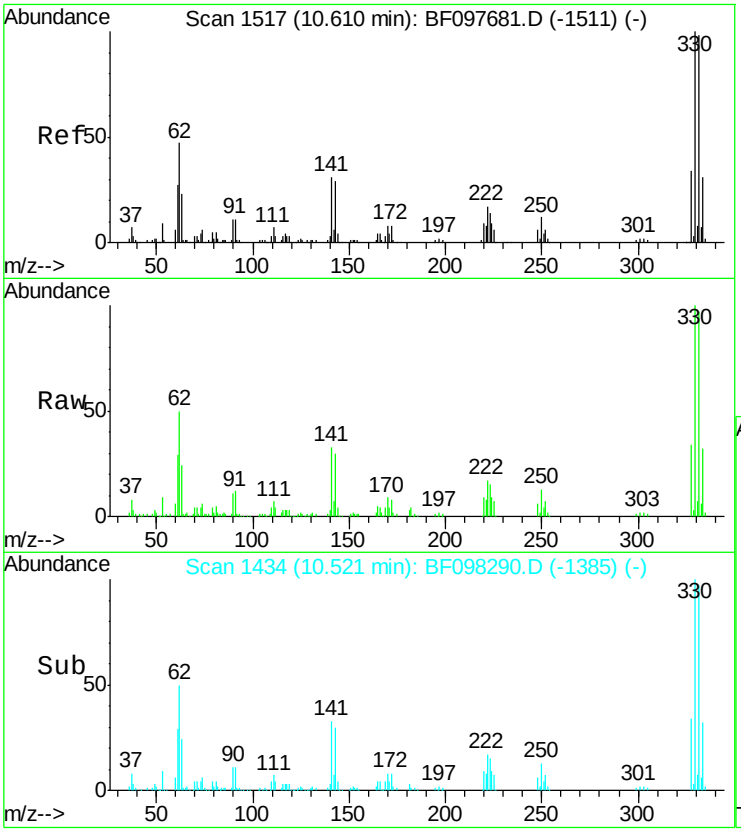


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.73 min Scan# 1300
Delta R.T. -0.01 min
Lab File: BF098290.D
Acq: 6 Sep 2017 23:26

Tgt Ion:164 Resp: 148235

Ion	Ratio	Lower	Upper
164	100		
162	102.6	82.6	123.8
160	48.2	36.2	54.2



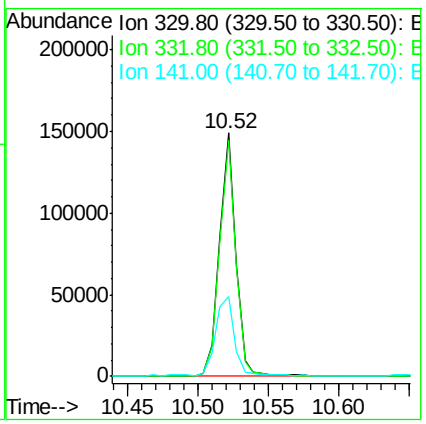


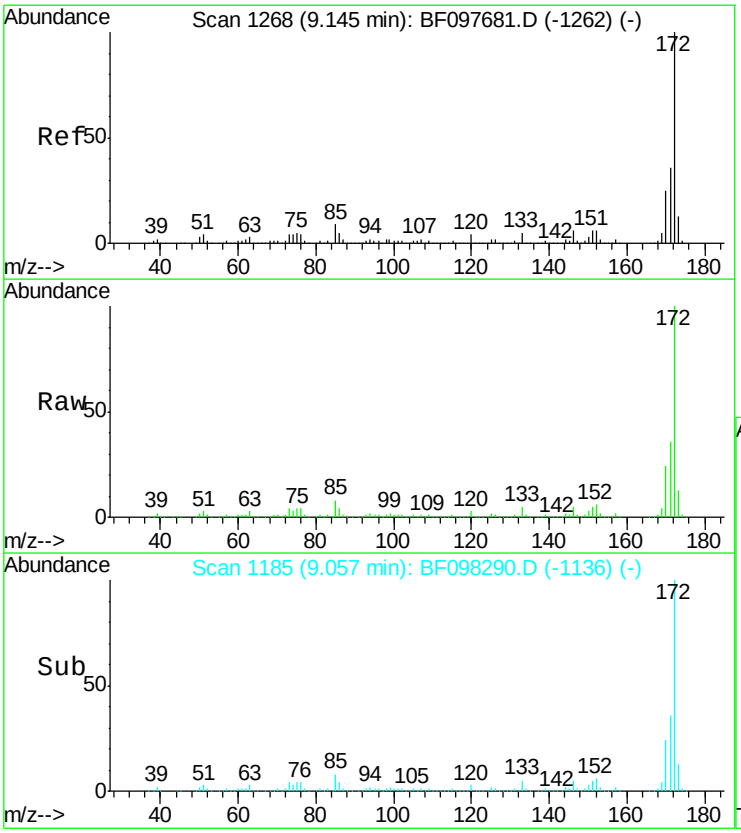
#41
2,4,6-Tribromophenol
Concen: 93.99 ng
RT: 10.52 min Scan# 1434
Delta R.T. -0.01 min
Lab File: BF098290.D
Acq: 6 Sep 2017 23:26

Instrument :
BNA_F
ClientSampleId :
G-62A-1.5-3

Tgt Ion:330 Resp: 120891

Ion	Ratio	Lower	Upper
330	100		
332	96.7	76.6	115.0
141	38.5	31.4	47.2

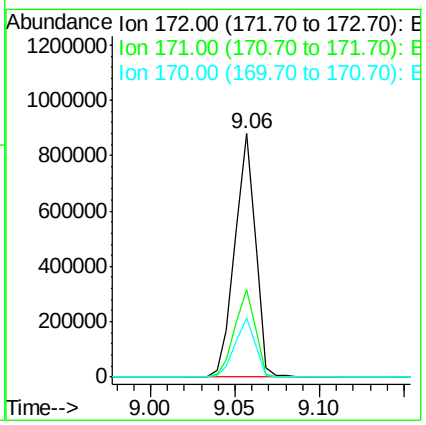


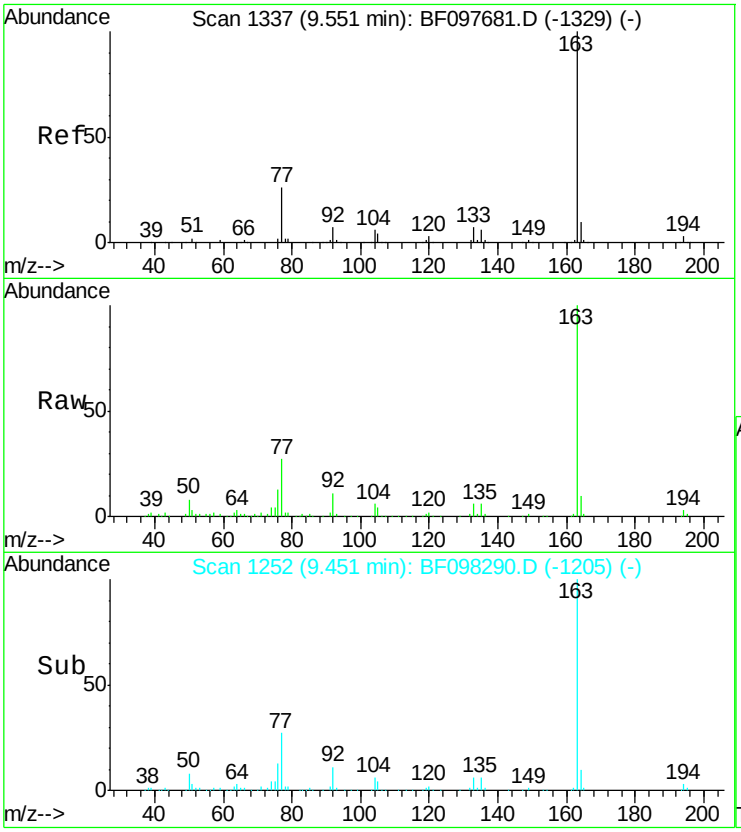


#44
2-Fluorobiphenyl
Concen: 74.17 ng
RT: 9.06 min Scan# 1185
Delta R.T. -0.01 min
Lab File: BF098290.D
Acq: 6 Sep 2017 23:26

Tgt Ion:172 Resp: 748313

Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.6	44.4
170	24.2	19.8	29.8



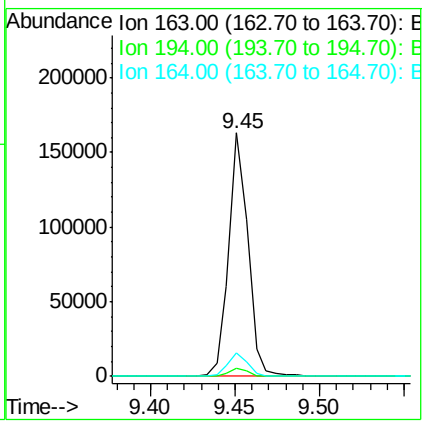


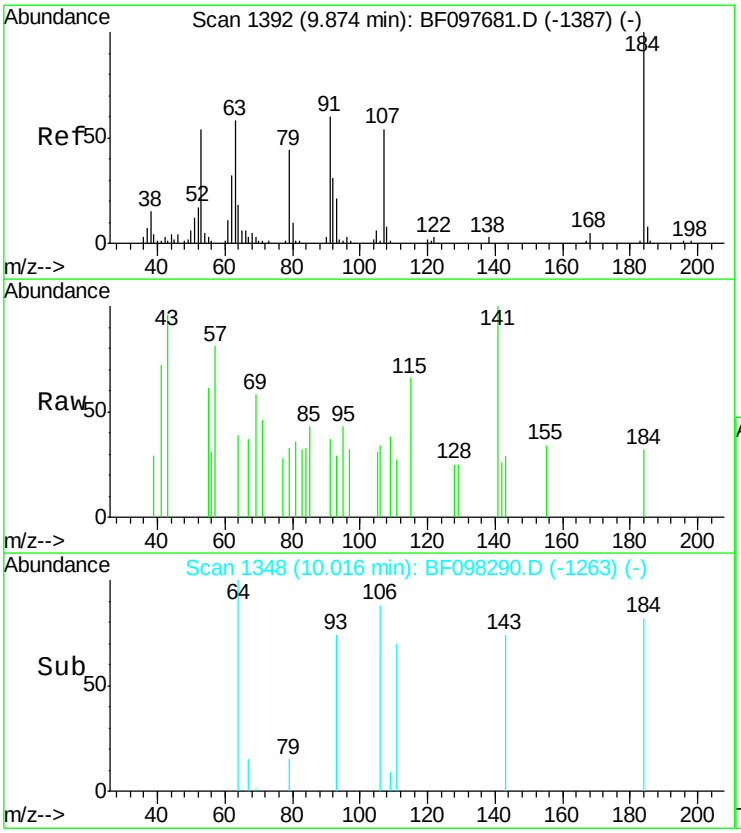
#49
Dimethylphthalate
Concen: 11.92 ng
RT: 9.45 min Scan# 1252
Delta R.T. -0.02 min
Lab File: BF098290.D
Acq: 6 Sep 2017 23:26

Instrument :
BNA_F
ClientSampleId :
G-62A-1.5-3

Tgt Ion:163 Resp: 129106

Ion	Ratio	Lower	Upper
163	100		
194	3.3	2.6	4.0
164	9.6	8.4	12.6

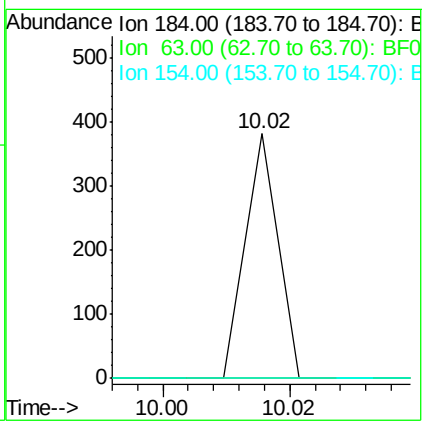


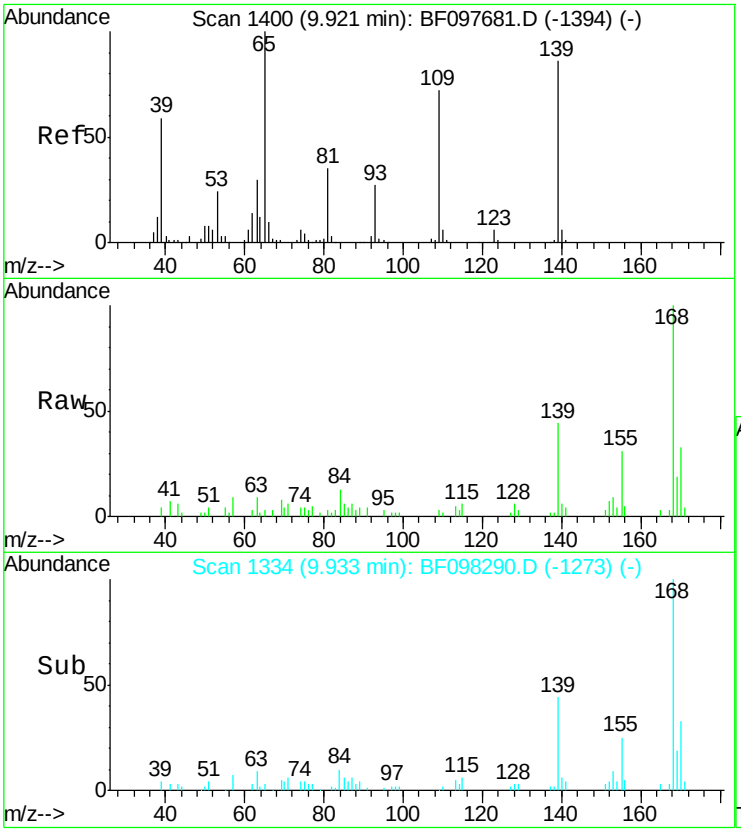


#53
2,4-Dinitrophenol
Concen: 10.26 ng
RT: 10.02 min Scan# 1348
Delta R.T. 0.20 min
Lab File: BF098290.D
Acq: 6 Sep 2017 23:26

Tgt Ion:184 Resp: 134

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



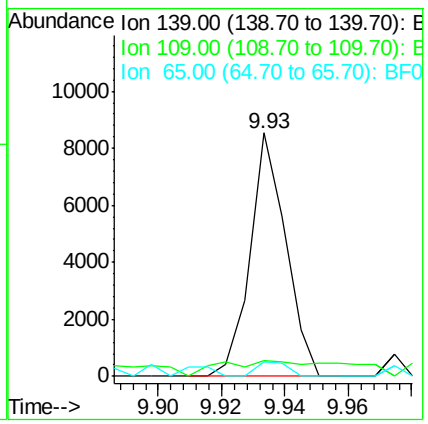


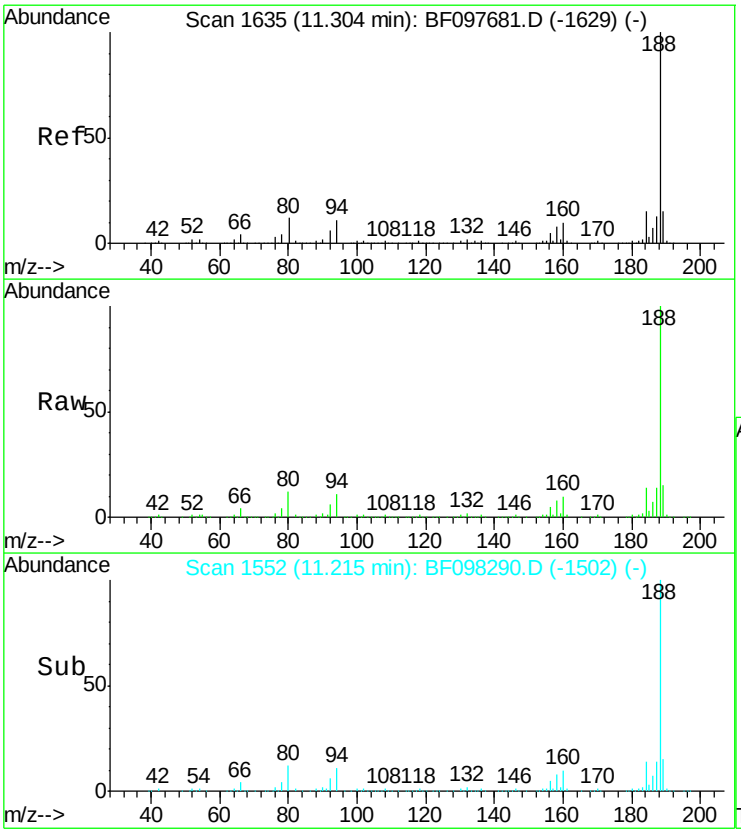
#55
4-Nitrophenol
Concen: 2.99 ng
RT: 9.93 min Scan# 1334
Delta R.T. 0.06 min
Lab File: BF098290.D
Acq: 6 Sep 2017 23:26

Instrument :
BNA_F
ClientSampleId :
G-62A-1.5-3

Tgt Ion:139 Resp: 6651

Ion	Ratio	Lower	Upper
139	100		
109	6.7	34.1	74.1#
65	5.8	31.4	71.4#

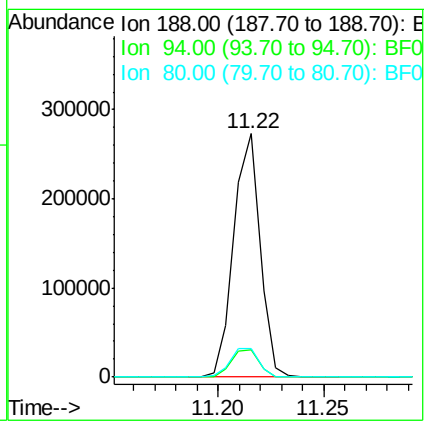


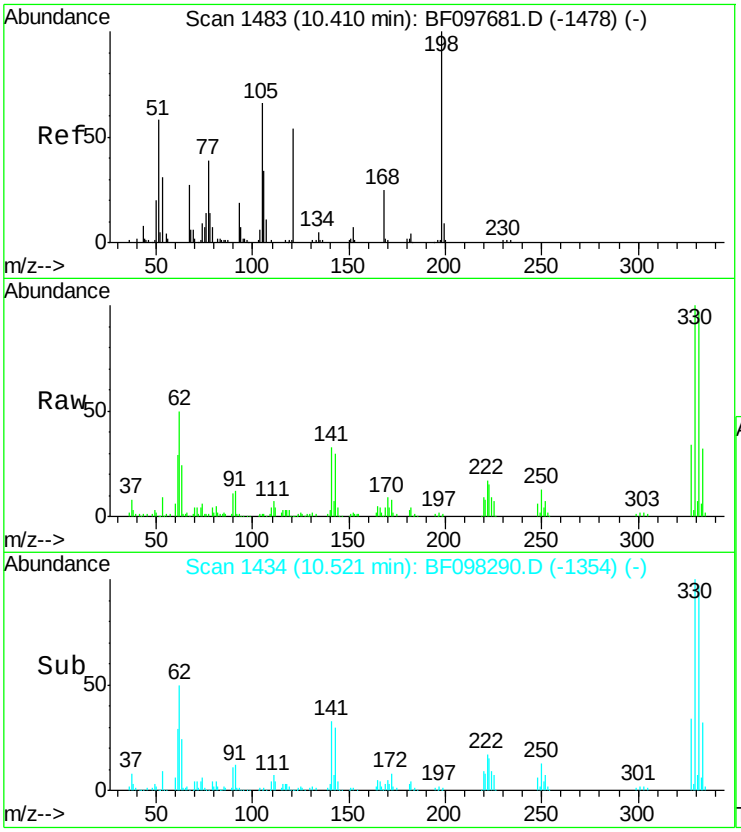


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.22 min Scan# 1552
Delta R.T. -0.01 min
Lab File: BF098290.D
Acq: 6 Sep 2017 23:26

Tgt Ion:188 Resp: 235783

Ion	Ratio	Lower	Upper
188	100		
94	11.2	9.4	14.2
80	12.0	10.2	15.2



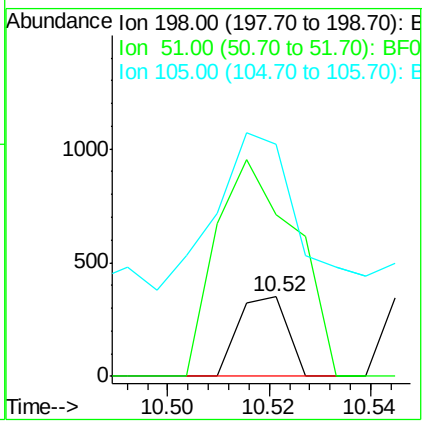


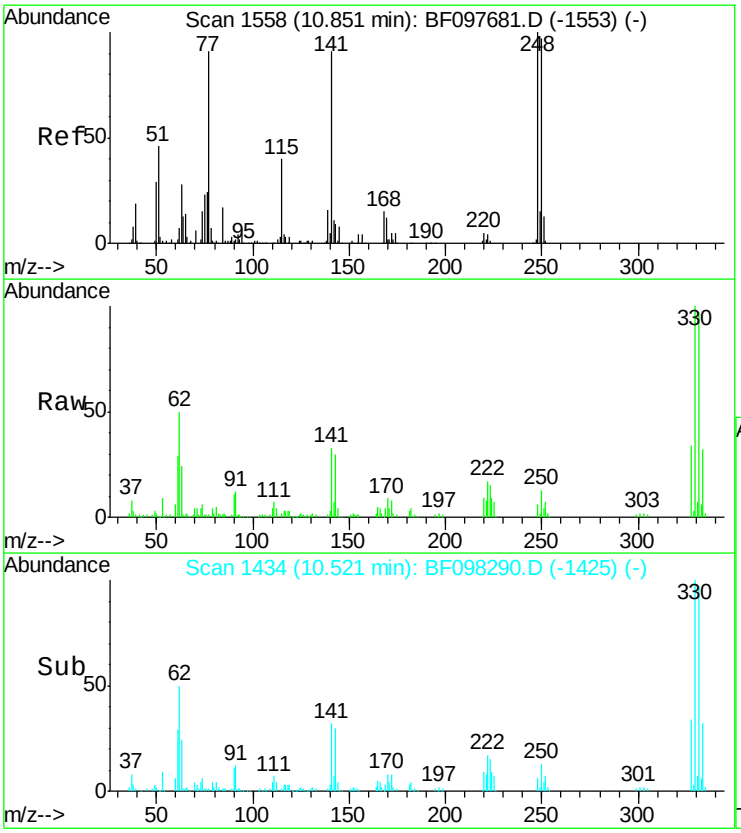
#64
4,6-Dinitro-2-methylphenol
Concen: 8.50 ng
RT: 10.52 min Scan# 1434
Delta R.T. 0.17 min
Lab File: BF098290.D
Acq: 6 Sep 2017 23:26

Instrument :
BNA_F
ClientSampleId :
G-62A-1.5-3

Tgt Ion:198 Resp: 238

Ion	Ratio	Lower	Upper
198	100		
51	203.7	53.2	93.2#
105	291.7	45.8	85.8#

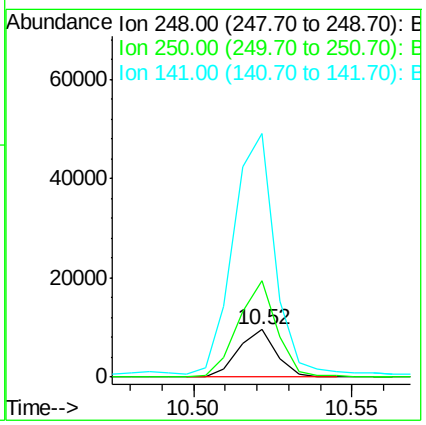


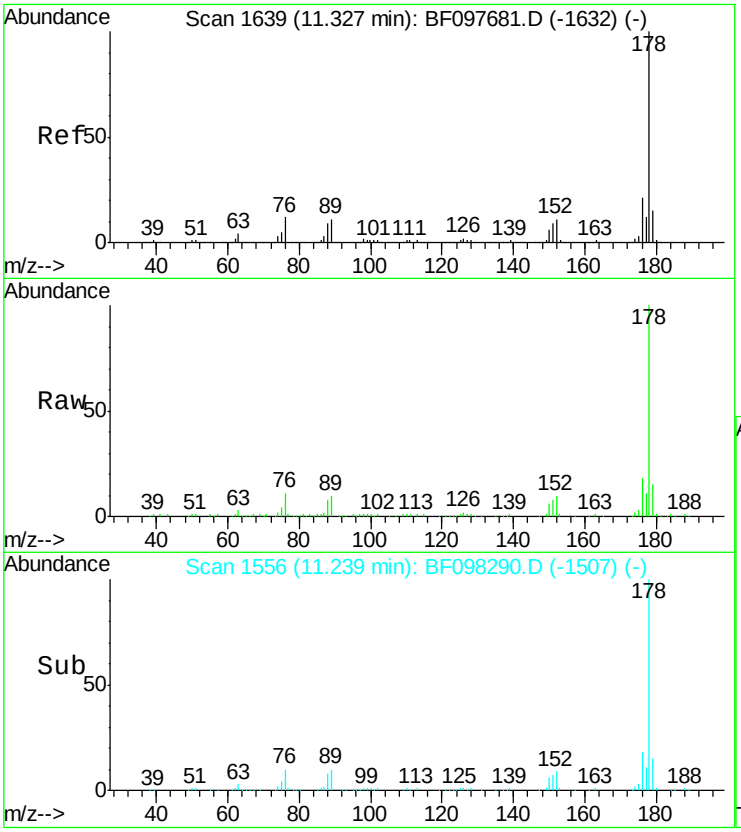


#66
4-Bromophenyl-phenylether
Concen: 3.20 ng
RT: 10.52 min Scan# 1434
Delta R.T. -0.25 min
Lab File: BF098290.D
Acq: 6 Sep 2017 23:26

Tgt Ion:248 Resp: 7826

Ion	Ratio	Lower	Upper
248	100		
250	202.4	76.8	115.2#
141	510.3	68.6	103.0#



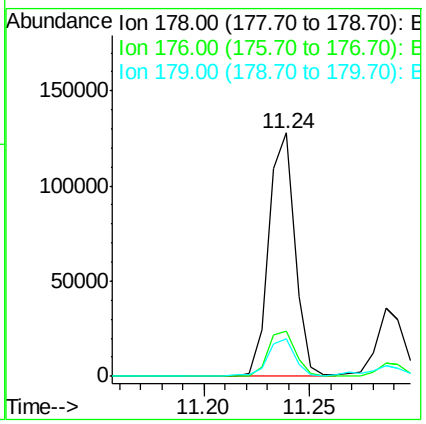


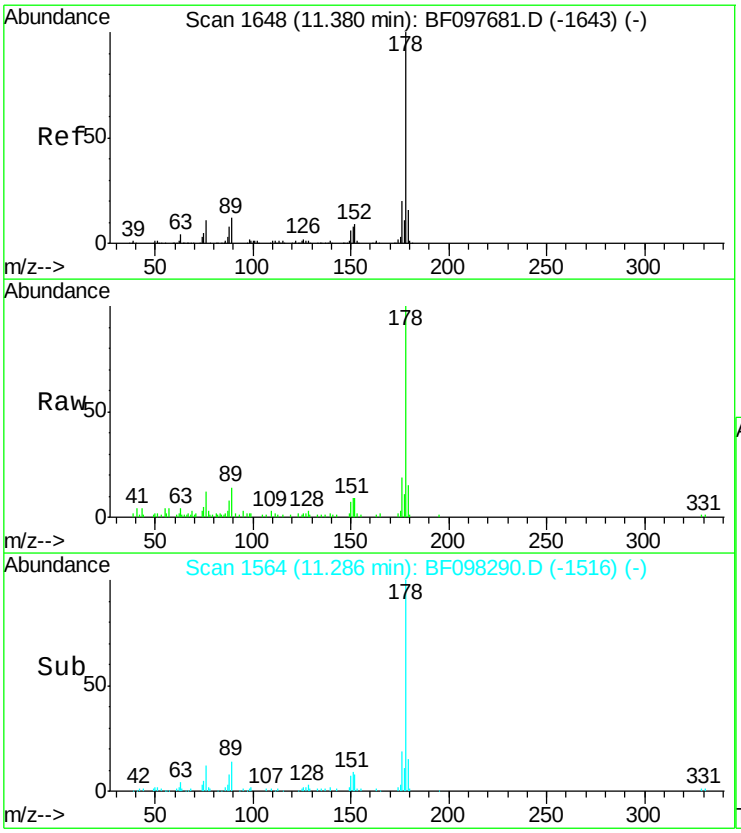
#70
Phenanthrene
Concen: 8.81 ng
RT: 11.24 min Scan# 1556
Delta R.T. -0.01 min
Lab File: BF098290.D
Acq: 6 Sep 2017 23:26

Instrument :
BNA_F
ClientSampleId :
G-62A-1.5-3

Tgt Ion:178 Resp: 110690

Ion	Ratio	Lower	Upper
178	100		
176	18.4	16.2	24.4
179	15.4	12.6	19.0

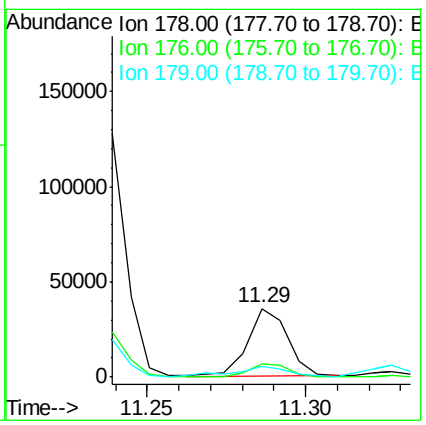


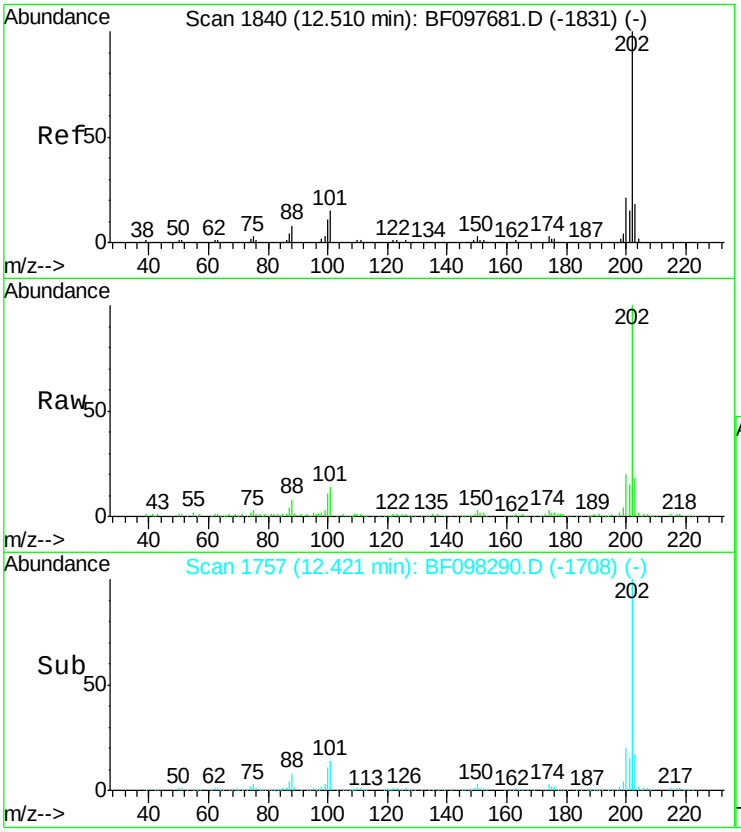


#71
Anthracene
Concen: 2.41 ng
RT: 11.29 min Scan# 1564
Delta R.T. -0.02 min
Lab File: BF098290.D
Acq: 6 Sep 2017 23:26

Tgt Ion:178 Resp: 30661

Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.8	23.8
179	15.2	12.7	19.1



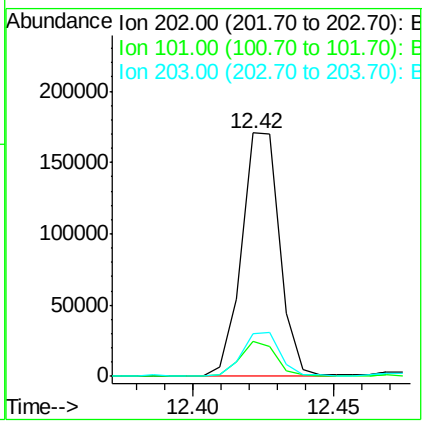


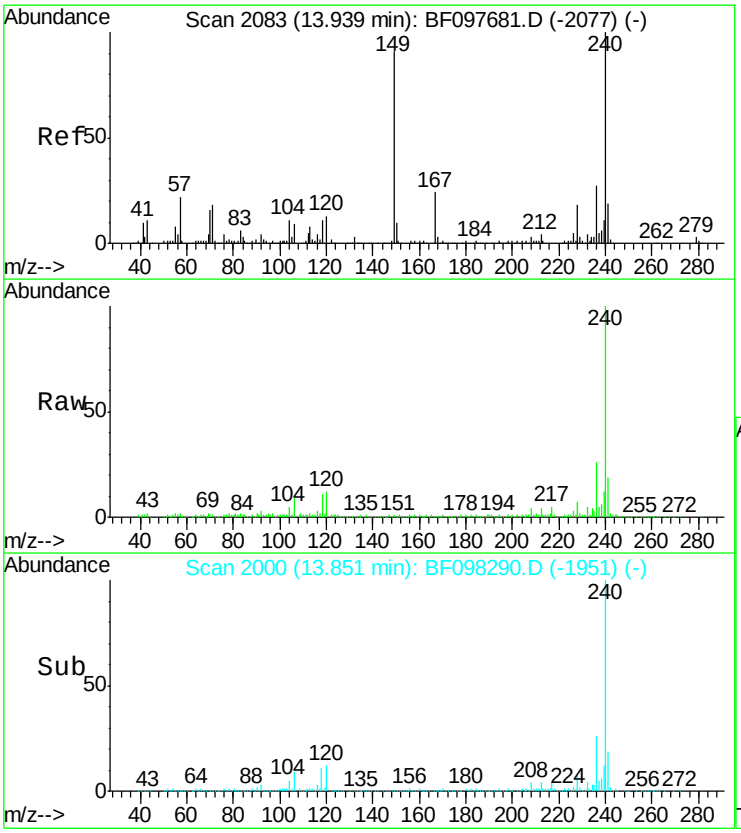
#74
Fluoranthene
Concen: 12.12 ng
RT: 12.42 min Scan# 1757
Delta R.T. -0.01 min
Lab File: BF098290.D
Acq: 6 Sep 2017 23:26

Instrument :
BNA_F
ClientSampleId :
G-62A-1.5-3

Tgt Ion:202 Resp: 158923

Ion	Ratio	Lower	Upper
202	100		
101	14.5	0.0	33.2
203	17.6	0.0	38.1

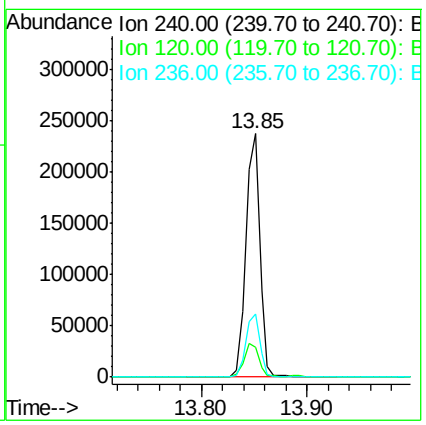


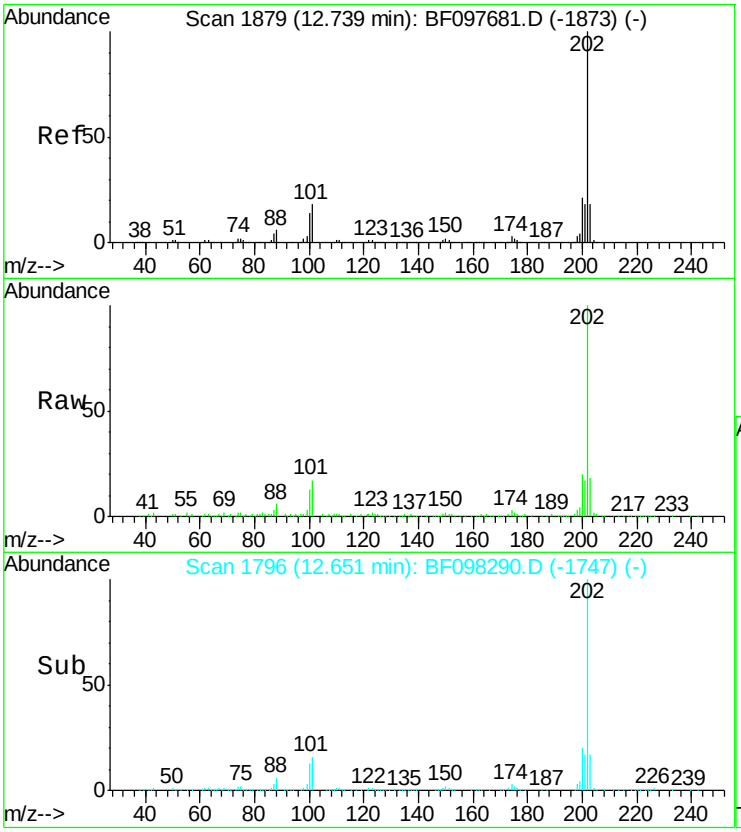


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.85 min Scan# 2000
Delta R.T. -0.01 min
Lab File: BF098290.D
Acq: 6 Sep 2017 23:26

Tgt Ion:240 Resp: 218272

Ion	Ratio	Lower	Upper
240	100		
120	12.3	5.8	8.8#
236	26.1	20.5	30.7



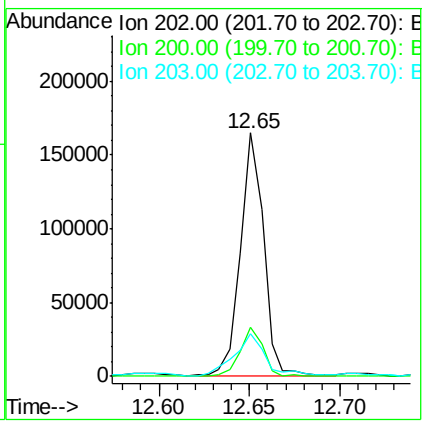


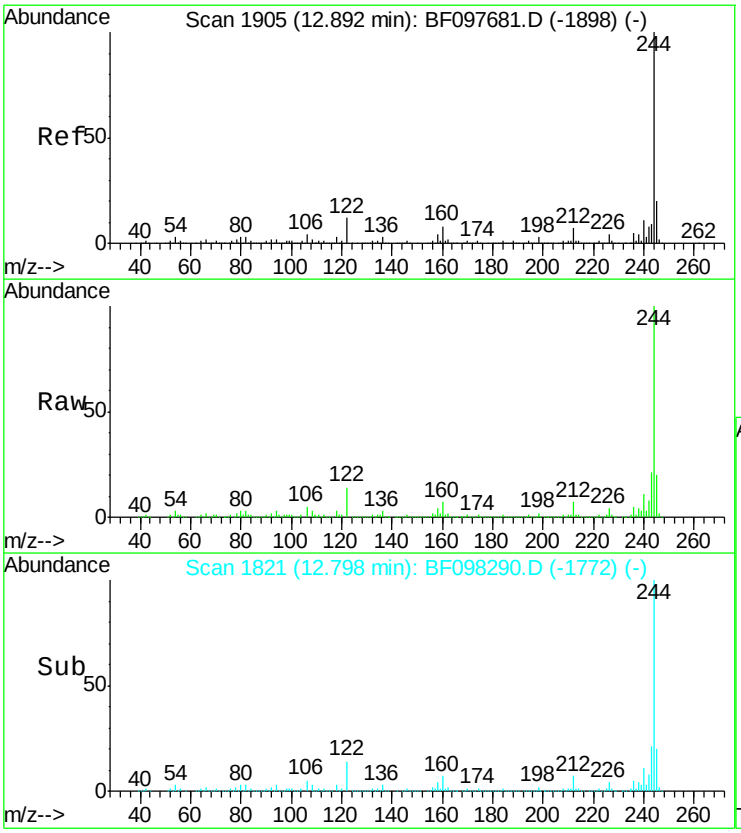
#77
Pyrene
Concen: 8.12 ng
RT: 12.65 min Scan# 1796
Delta R.T. -0.01 min
Lab File: BF098290.D
Acq: 6 Sep 2017 23:26

Instrument :
BNA_F
ClientSampleId :
G-62A-1.5-3

Tgt Ion:202 Resp: 145002

Ion	Ratio	Lower	Upper
202	100		
200	20.1	17.6	26.4
203	17.6	14.4	21.6

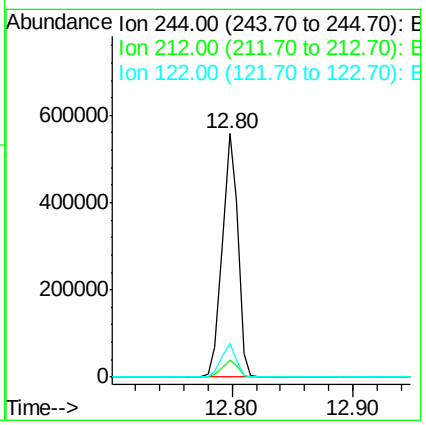


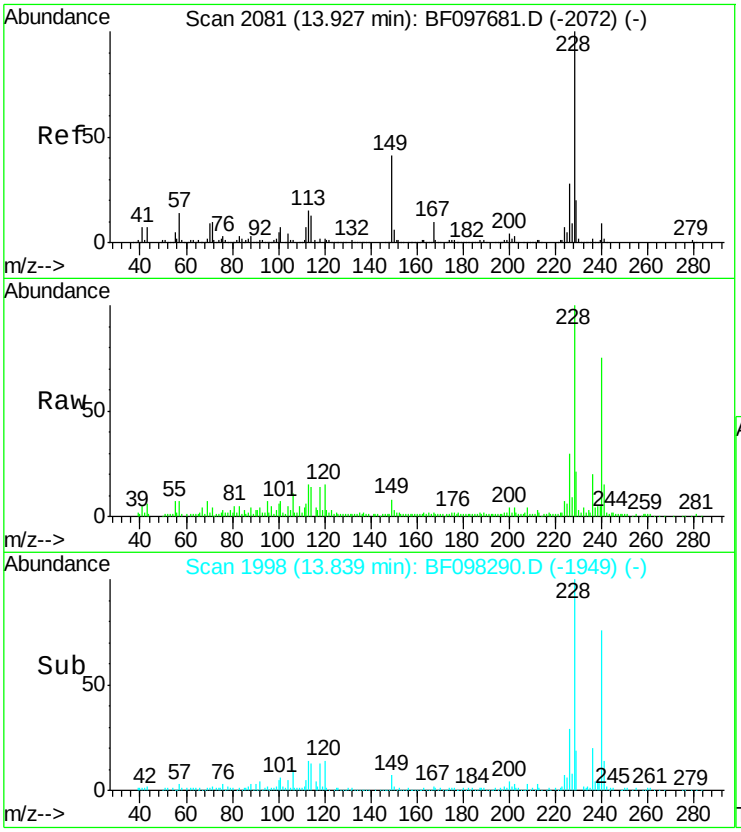


#78
Terphenyl-d14
Concen: 47.41 ng
RT: 12.80 min Scan# 1821
Delta R.T. -0.01 min
Lab File: BF098290.D
Acq: 6 Sep 2017 23:26

Tgt Ion:244 Resp: 496212

Ion	Ratio	Lower	Upper
244	100		
212	7.1	6.0	9.0
122	13.8	10.3	15.5



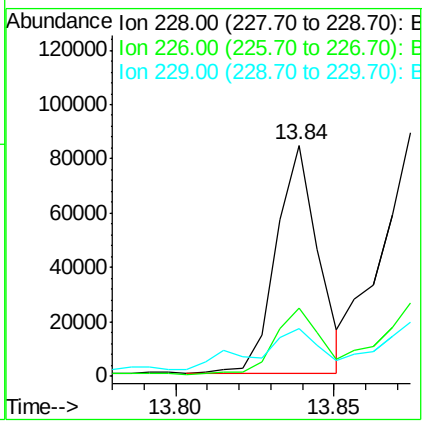


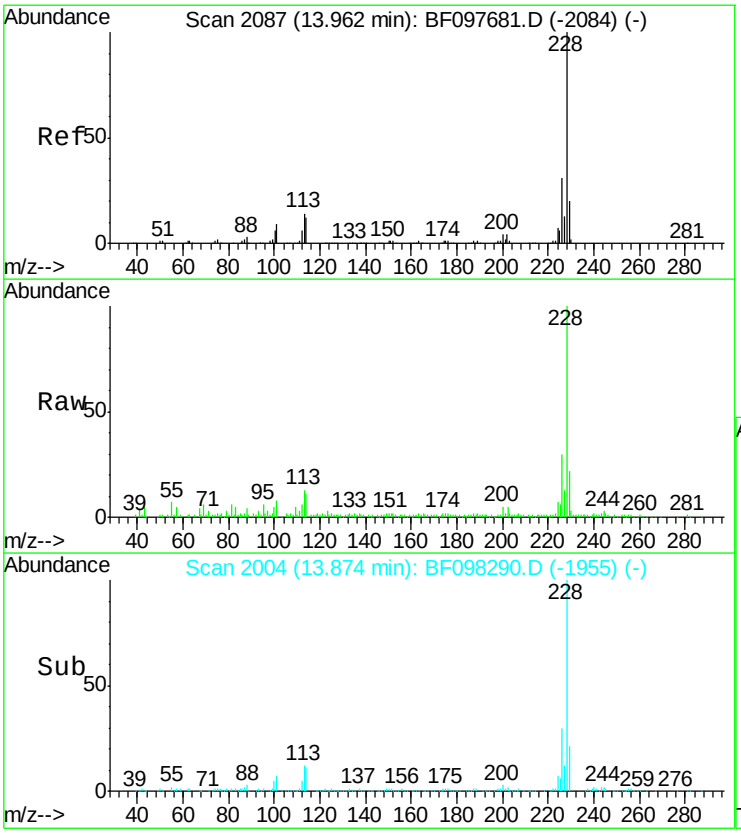
#80
Benzo(a)anthracene
Concen: 5.96 ng
RT: 13.84 min Scan# 1998
Delta R.T. -0.01 min
Lab File: BF098290.D
Acq: 6 Sep 2017 23:26

Instrument :
BNA_F
ClientSampleId :
G-62A-1.5-3

Tgt Ion:228 Resp: 77915

Ion	Ratio	Lower	Upper
228	100		
226	29.5	22.6	33.8
229	20.8	16.3	24.5

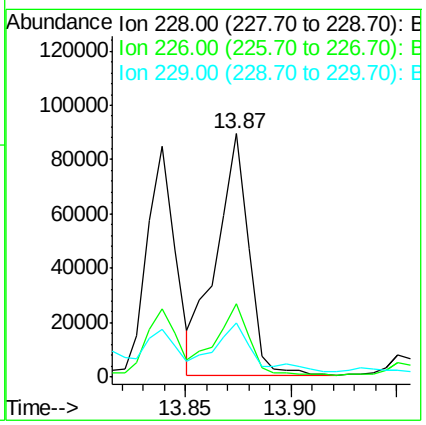


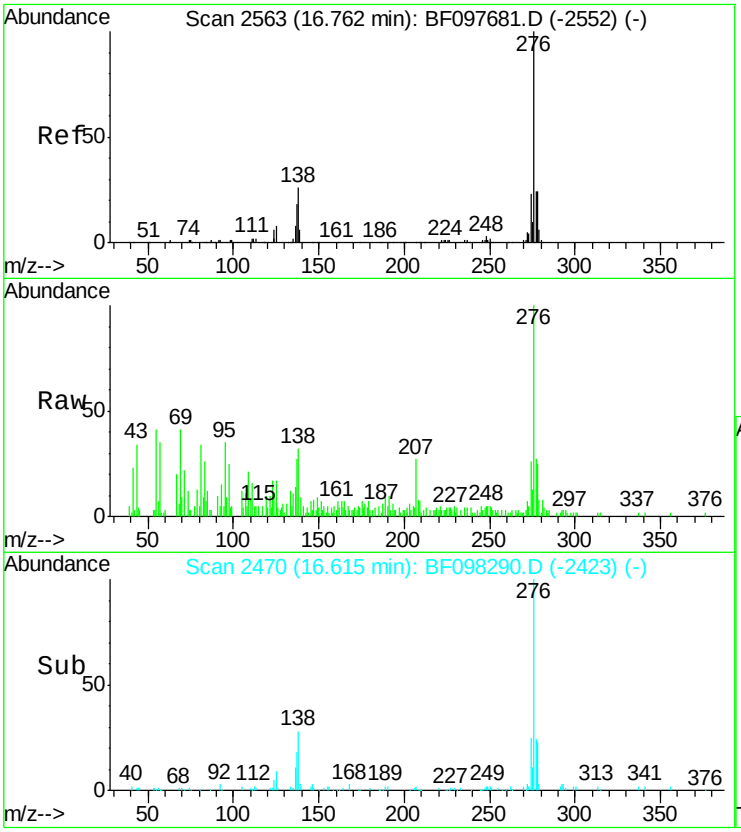


#82
Chrysene
Concen: 7.27 ng
RT: 13.87 min Scan# 2004
Delta R.T. -0.01 min
Lab File: BF098290.D
Acq: 6 Sep 2017 23:26

Tgt Ion:228 Resp: 94553

Ion	Ratio	Lower	Upper
228	100		
226	30.3	24.9	37.3
229	22.4	15.8	23.6



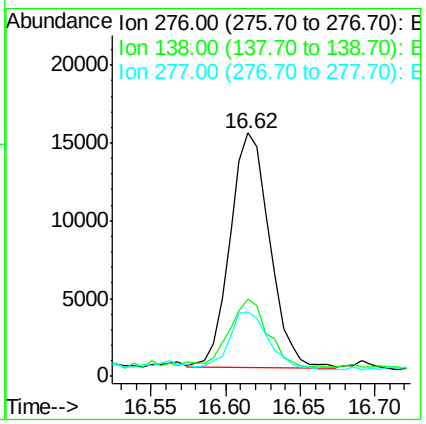


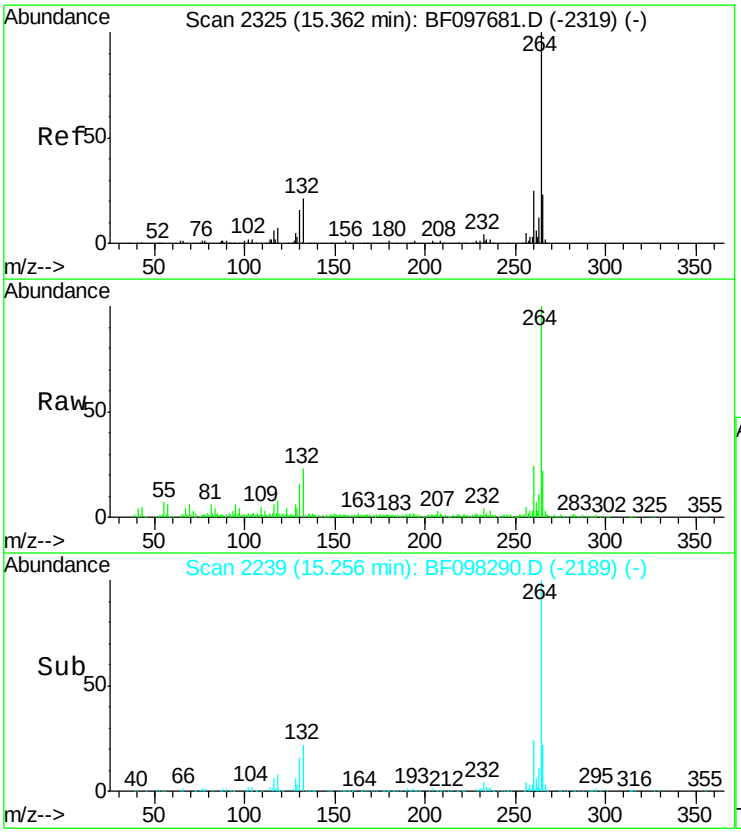
#85
Indeno(1,2,3-cd)pyrene
Concen: 2.91 ng
RT: 16.62 min Scan# 2470
Delta R.T. -0.02 min
Lab File: BF098290.D
Acq: 6 Sep 2017 23:26

Instrument :
BNA_F
ClientSampleId :
G-62A-1.5-3

Tgt Ion:276 Resp: 27877

Ion	Ratio	Lower	Upper
276	100		
138	29.0	27.8	41.6
277	24.4	20.2	30.4

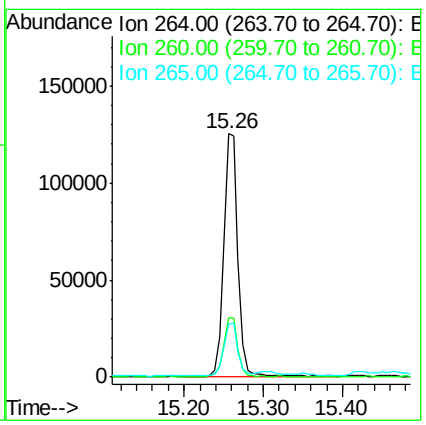


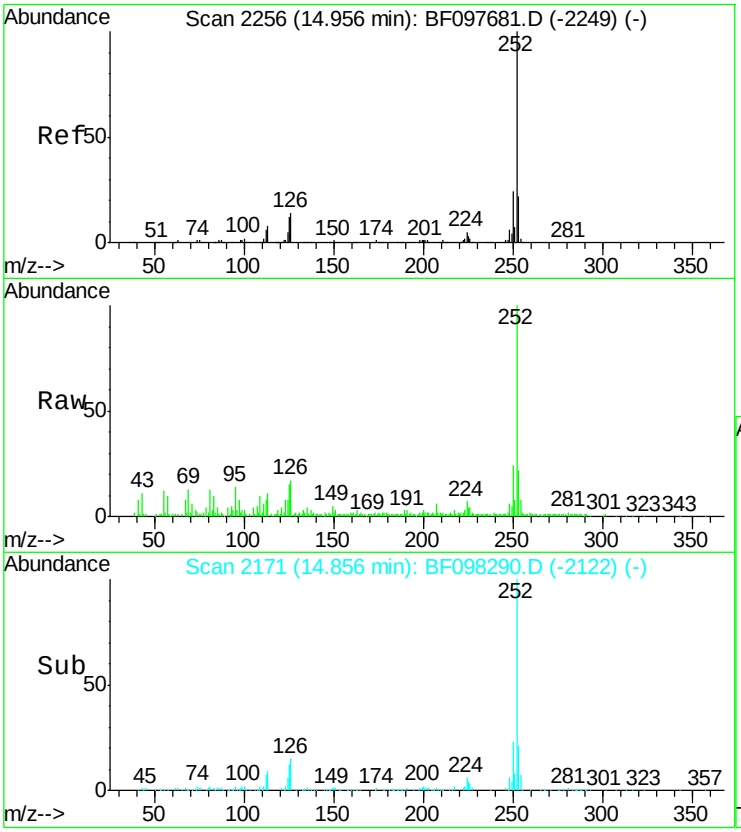


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.26 min Scan# 2239
Delta R.T. -0.01 min
Lab File: BF098290.D
Acq: 6 Sep 2017 23:26

Tgt Ion:264 Resp: 155102

Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.5	29.3
265	22.0	17.2	25.8



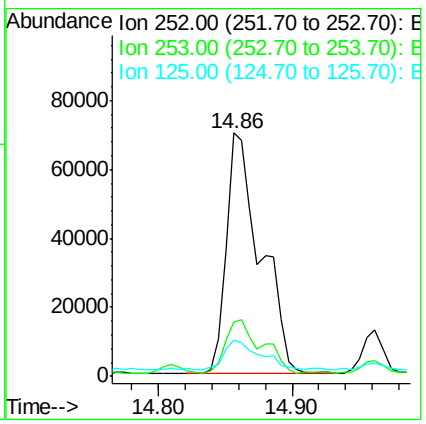


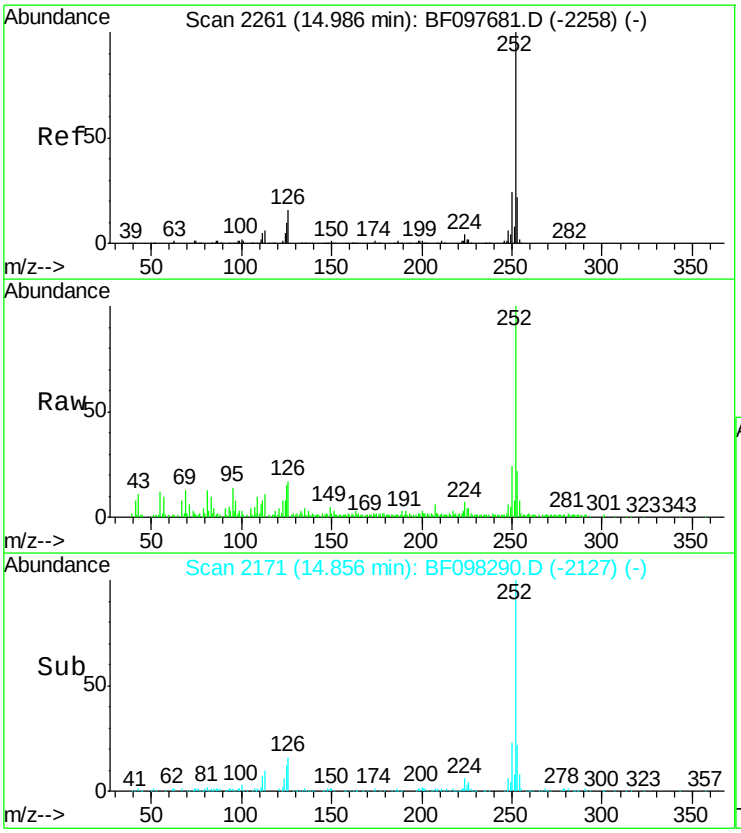
#87
Benzo(b)fluoranthene
Concen: 12.83 ng
RT: 14.86 min Scan# 2171
Delta R.T. -0.01 min
Lab File: BF098290.D
Acq: 6 Sep 2017 23:26

Instrument :
BNA_F
ClientSampleId :
G-62A-1.5-3

Tgt Ion:252 Resp: 125394

Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.1	27.1
125	14.8	9.8	14.8#

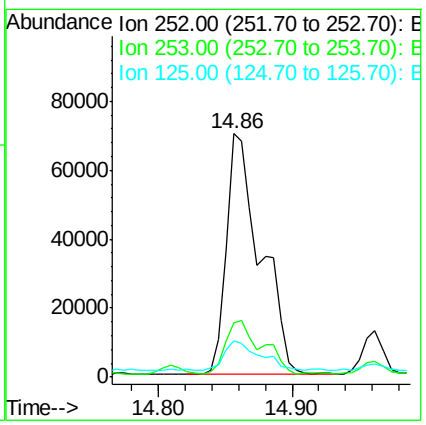


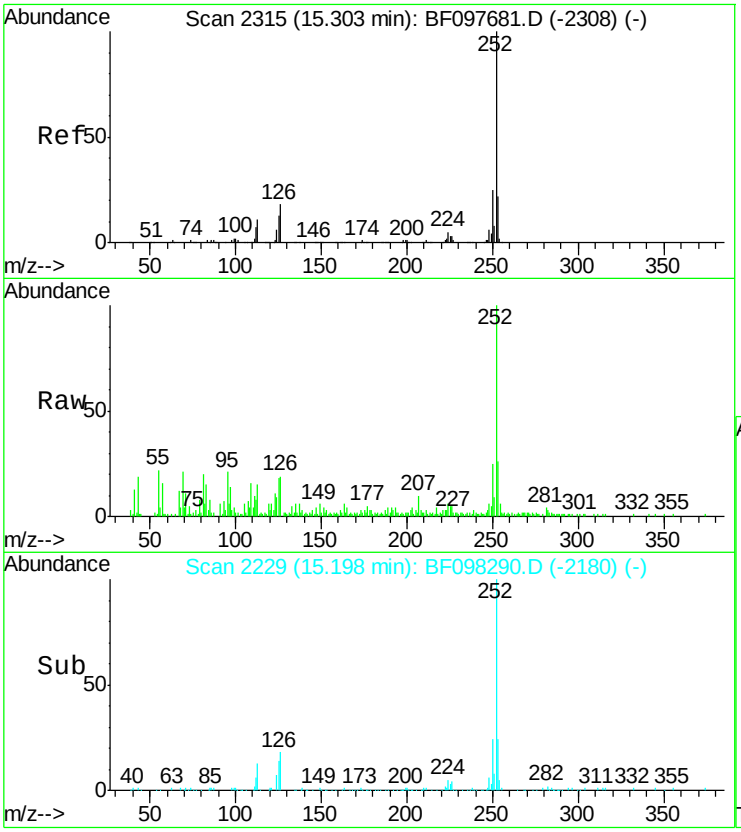


#88
Benzo(k)fluoranthene
Concen: 13.65 ng
RT: 14.86 min Scan# 2171
Delta R.T. -0.04 min
Lab File: BF098290.D
Acq: 6 Sep 2017 23:26

Tgt Ion:252 Resp: 125394

Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.4	27.6
125	14.8	13.1	19.7



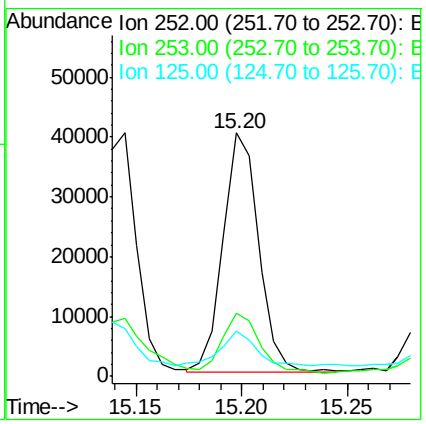


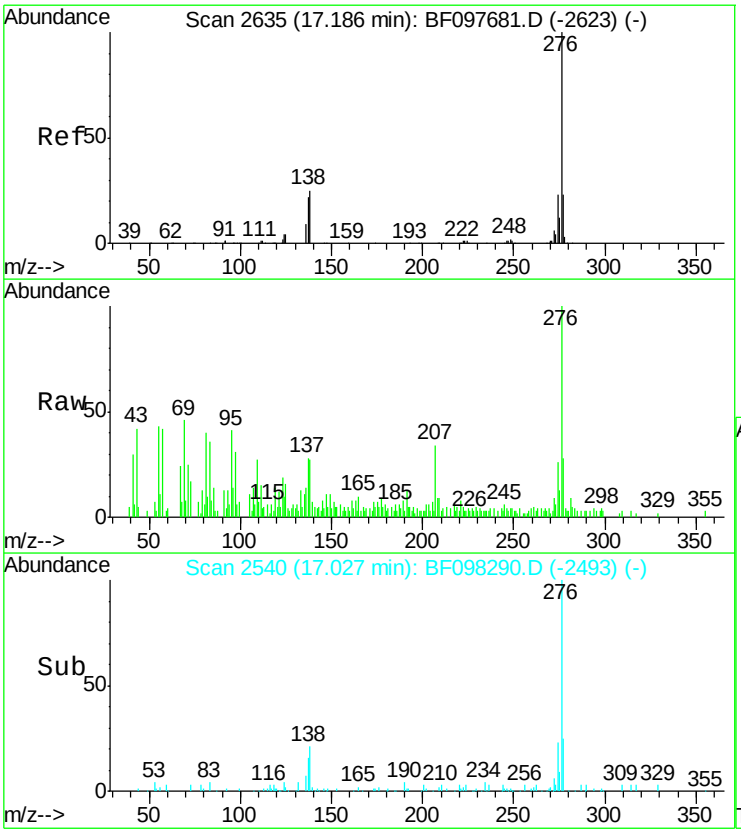
#89
Benzo(a)pyrene
Concen: 5.42 ng
RT: 15.20 min Scan# 2229
Delta R.T. -0.01 min
Lab File: BF098290.D
Acq: 6 Sep 2017 23:26

Instrument :
BNA_F
ClientSampleId :
G-62A-1.5-3

Tgt Ion:252 Resp: 46883

Ion	Ratio	Lower	Upper
252	100		
253	26.1	17.5	26.3
125	18.3	11.0	16.4#





#91
Benzo(g,h,i)perylene
Concen: 3.81 ng
RT: 17.03 min Scan# 2540
Delta R.T. -0.02 min
Lab File: BF098290.D
Acq: 6 Sep 2017 23:26

Tgt Ion:276 Resp: 28038

Ion	Ratio	Lower	Upper
276	100		
277	27.8	18.6	28.0
138	27.0	25.4	38.0