Quantitation Report (Not Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF090817\
Data File : BF098360.D
Acq On : 8 Sep 2017 19:43
Operator : SJ/JU
Sample : I5071-18
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : G57A-1.5-3

Quant Time: Sep 08 23:59:37 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	6.68	152	98103	20.00	ng		-0.02
21) Naphthalene-d8	7.96	136	375457	20.00	ng		-0.02
38) Acenaphthene-d10	9.72	164	143255	20.00	ng		-0.02
63) Phenanthrene-d10	11.20	188	229372	20.00	ng		-0.02
75) Chrysene-d12	13.84	240	222565	20.00	ng		-0.02
86) Perylene-d12	15.24	264	177906	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.30	112	781574	121.18	ng		0.00
7) Phenol-d6	6.33	99	1064624	121.49	ng		-0.02
23) Nitrobenzene-d5	7.25	82	629618	91.10	ng		-0.02
41) 2,4,6-Tribromophenol	10.51	330	154412	124.23	ng		-0.02
44) 2-Fluorobiphenyl	9.04	172	948117	97.24	ng		-0.02
78) Terphenyl-d14	12.79	244	663273	62.15	ng		-0.02
Target Compounds							Qvalue
9) Benzaldehyde	6.46	77	17225	3.103	ng		84
19) n-Nitroso-di-n-propylamine	7.25	70	81380	13.566	ng	#	69
25) Isophorone	7.25	82	626706	43.608	ng	#	67
31) Naphthalene	7.99	128	43127	2.213	ng		98
32) Benzoic acid	7.77	122	514	6.506	ng	#	74
37) 2-Methylnaphthalene	8.68	142	28814	2.411	ng		97
49) Dimethylphthalate	9.44	163	152854	14.597	ng		98
53) 2,4-Dinitrophenol	10.00	184	121	10.248	ng	#	4
64) 4,6-Dinitro-2-methylphenol	10.50	198	290	8.543	ng	#	1
66) 4-Bromophenyl-phenylether	10.51	248	10221	4.291	ng	#	1
70) Phenanthrene	11.22	178	92309	7.552	ng		98
71) Anthracene	11.27	178	37424	3.019	ng		98
74) Fluoranthene	12.41	202	163788	12.839	ng		98
77) Pyrene	12.64	202	152810	8.395	ng		97
80) Benzo(a)anthracene	13.83	228	99238	7.440	ng		93
82) Chrysene	13.86	228	121049	9.122	ng		96
87) Benzo(b)fluoranthene	14.85	252	206745	18.436	ng	#	98
88) Benzo(k)fluoranthene	14.85	252	206745	19.624	ng		98
89) Benzo(a)pyrene	15.19	252	73059	7.359	ng	#	95
91) Benzo(g,h,i)perylene	17.00	276	36642	4.345	ng		92

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

Quantitation Report (Not Reviewed)

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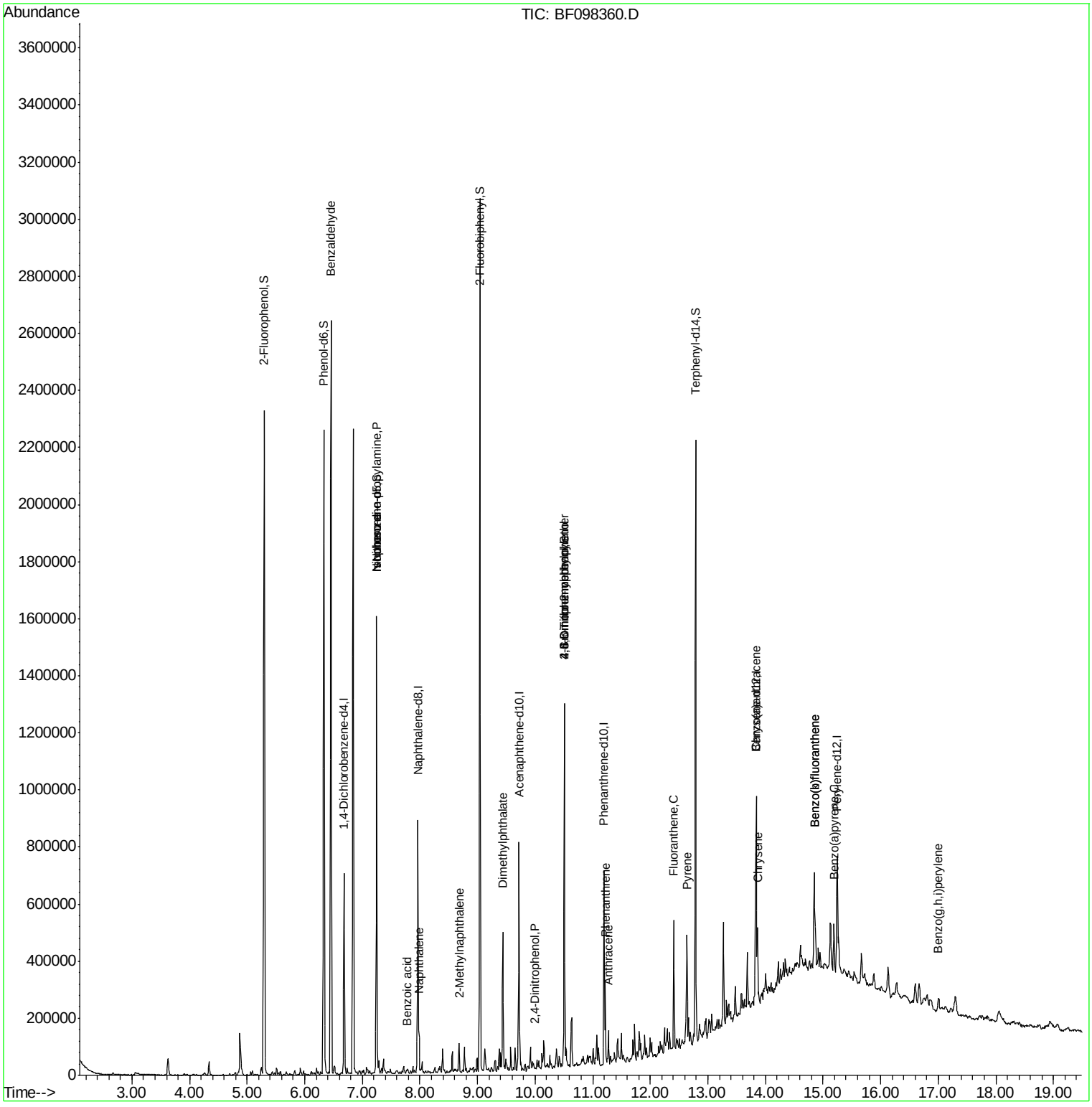
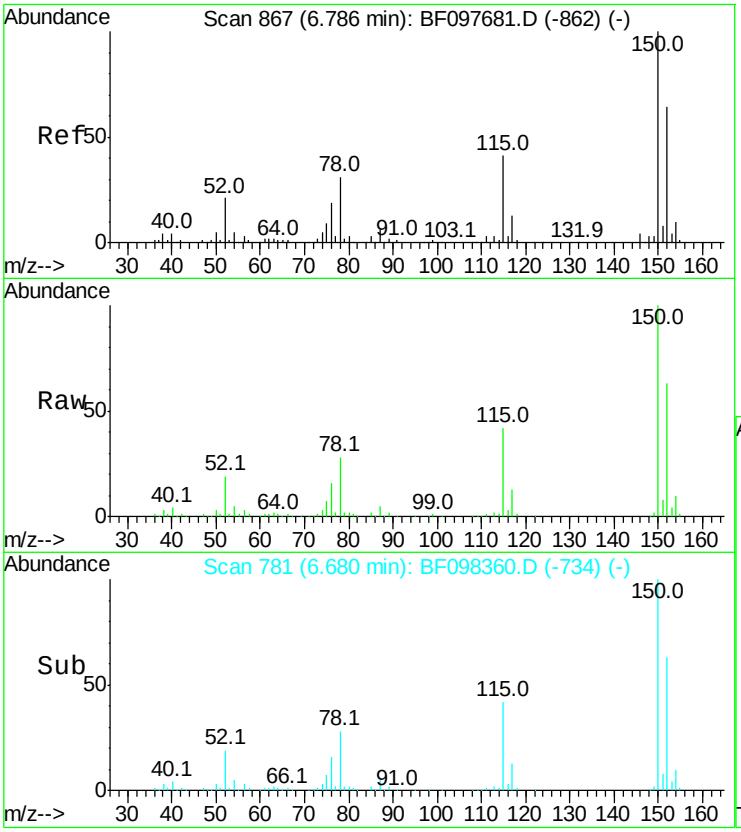


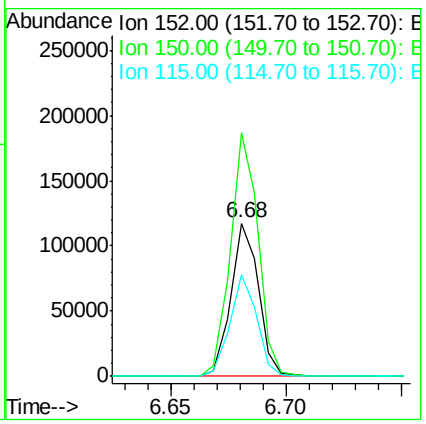


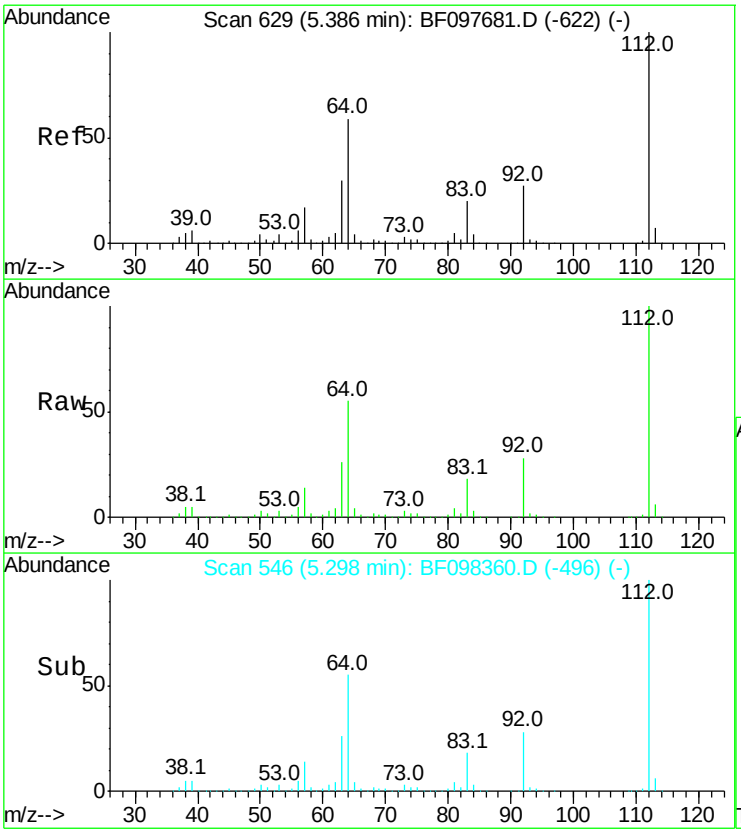
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.68 min Scan# 781
Delta R.T. -0.02 min
Lab File: BF098360.D
Acq: 8 Sep 2017 19:43

Instrument :
BNA_F
ClientSampleId :
G57A-1.5-3

Tgt Ion:152 Resp: 98103

Ion	Ratio	Lower	Upper
152	100		
150	158.8	126.2	189.2
115	66.6	52.2	78.2

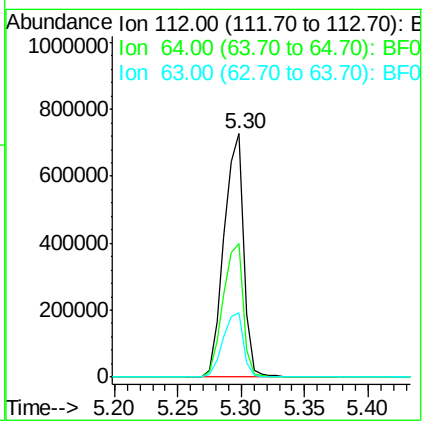


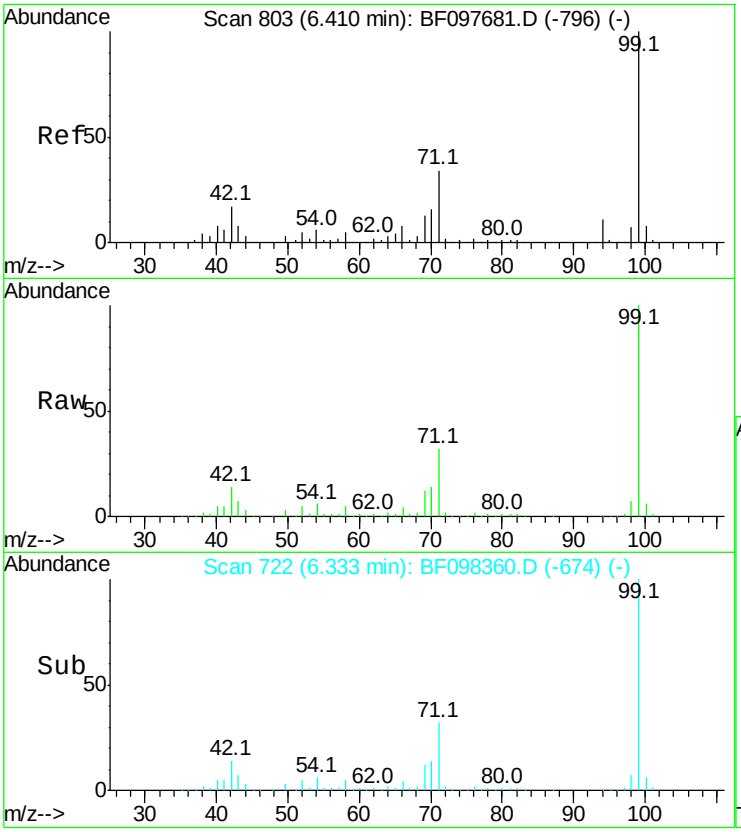


#5
2-Fluorophenol
Concen: 121.182 ng
RT: 5.30 min Scan# 546
Delta R.T. -0.01 min
Lab File: BF098360.D
Acq: 8 Sep 2017 19:43

Tgt Ion:112 Resp: 781574

Ion	Ratio	Lower	Upper
112	100		
64	54.8	46.0	69.0
63	26.2	23.4	35.0



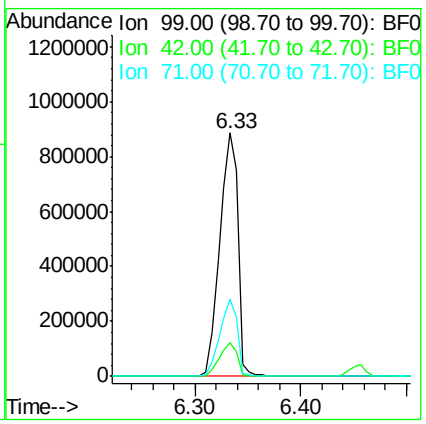


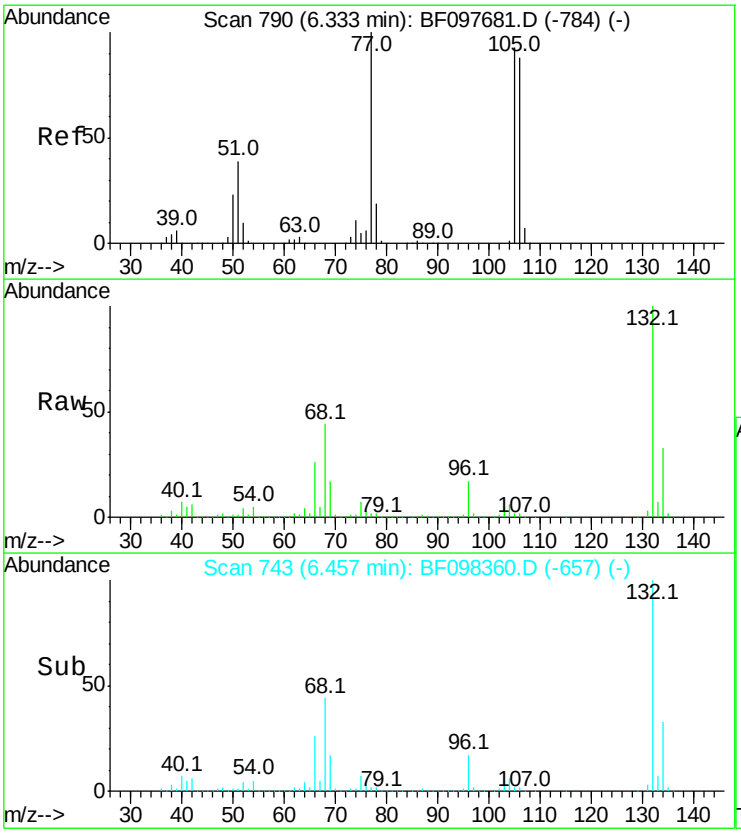
#7
Phenol-d6
Concen: 121.489 ng
RT: 6.33 min Scan# 722
Delta R.T. -0.02 min
Lab File: BF098360.D
Acq: 8 Sep 2017 19:43

Instrument :
BNA_F
ClientSampleId :
G57A-1.5-3

Tgt Ion: 99 Resp: 1064624

Ion	Ratio	Lower	Upper
99	100		
42	14.1	13.5	20.3
71	31.9	24.5	36.7

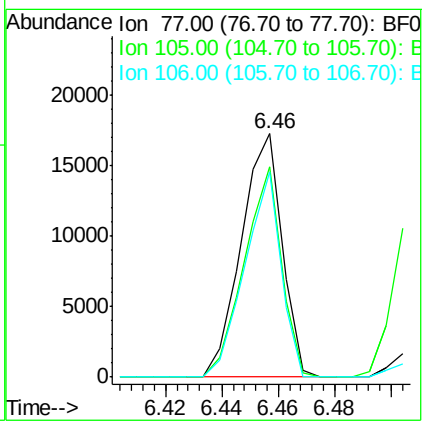


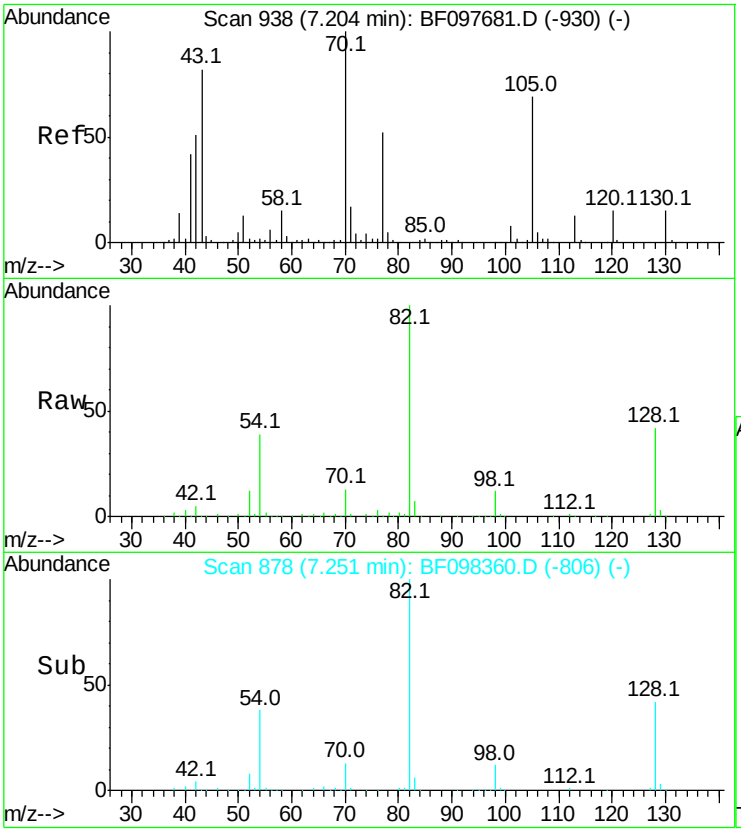


#9
Benzaldehyde
Concen: 3.103 ng
RT: 6.46 min Scan# 743
Delta R.T. 0.21 min
Lab File: BF098360.D
Acq: 8 Sep 2017 19:43

Tgt Ion: 77 Resp: 17225

Ion	Ratio	Lower	Upper
77	100		
105	86.2	83.8	123.8
106	84.5	79.1	119.1



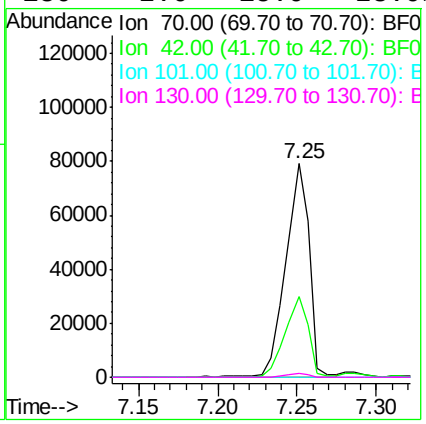


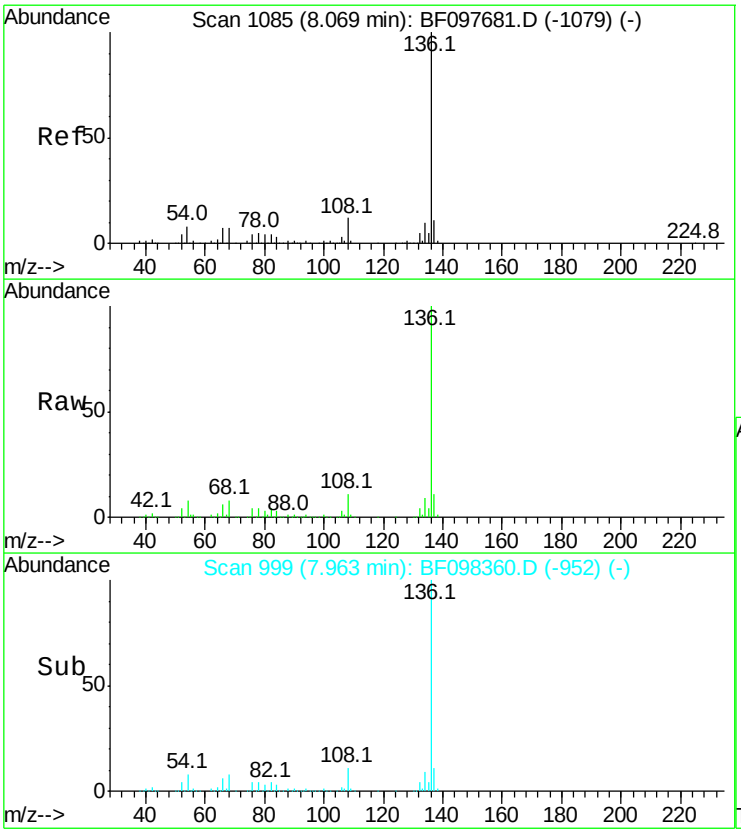
#19
n-Nitroso-di-n-propylamine
Concen: 13.566 ng
RT: 7.25 min Scan# 878
Delta R.T. 0.12 min
Lab File: BF098360.D
Acq: 8 Sep 2017 19:43

Instrument :
BNA_F
ClientSampleId :
G57A-1.5-3

Tgt Ion: 70 Resp: 81380

Ion	Ratio	Lower	Upper
70	100		
42	37.5	47.2	70.8#
101	0.0	7.2	10.8#
130	2.0	15.9	23.9#

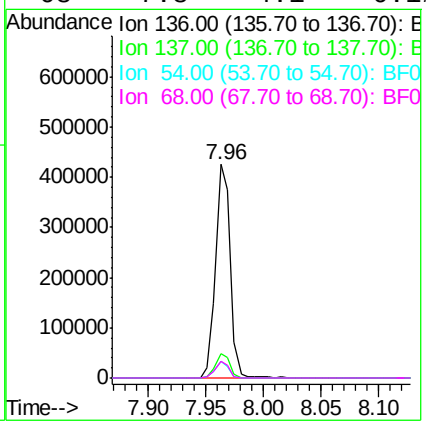


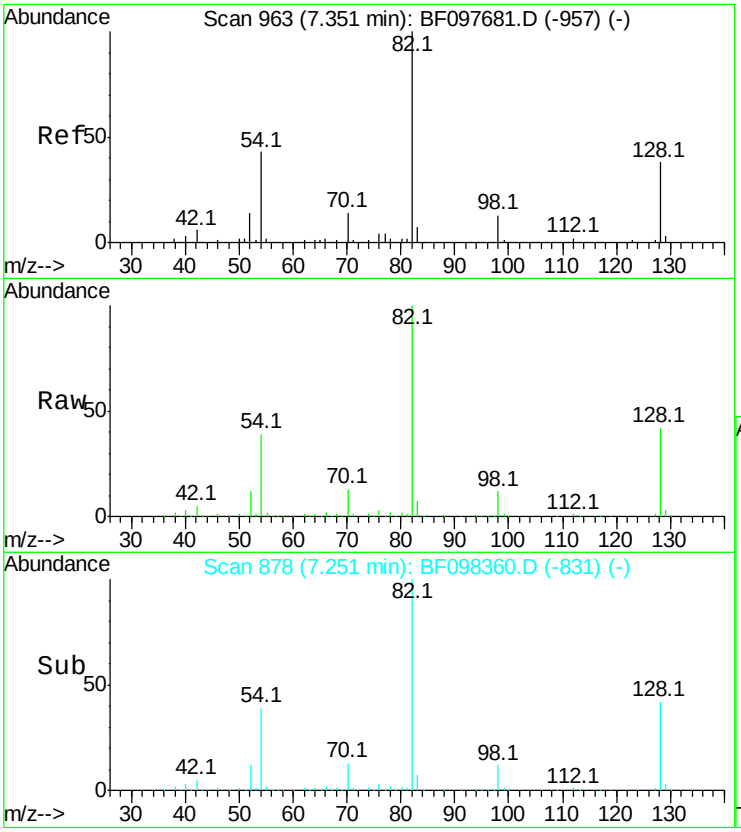


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.96 min Scan# 999
Delta R.T. -0.02 min
Lab File: BF098360.D
Acq: 8 Sep 2017 19:43

Tgt Ion:136 Resp: 375457

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.5	12.7
54	7.7	4.9	7.3#
68	7.8	4.1	6.1#



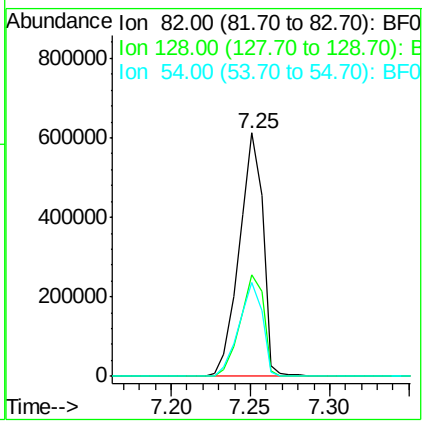


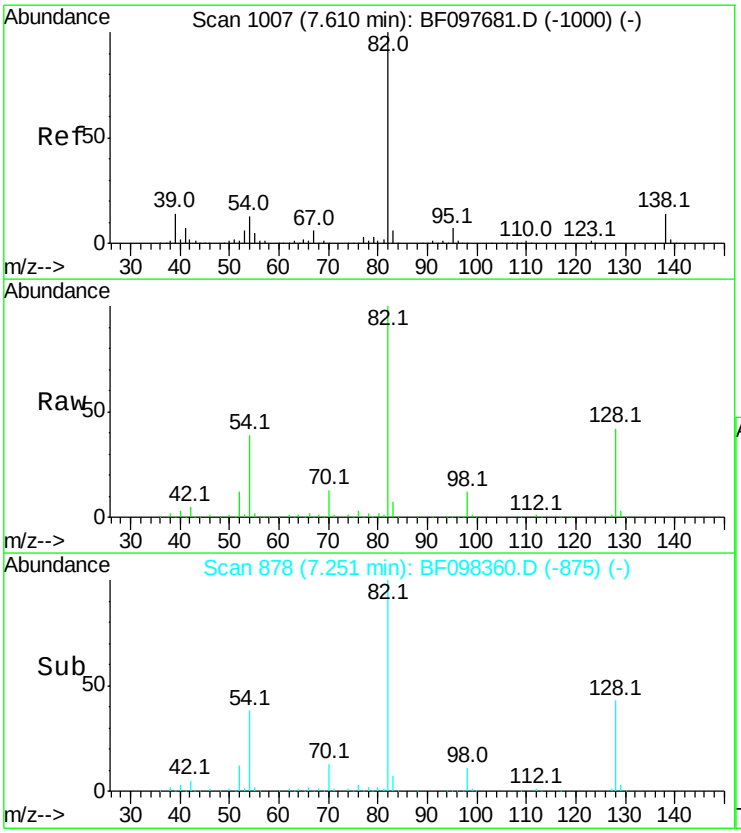
#23
Nitrobenzene-d5
Concen: 91.099 ng
RT: 7.25 min Scan# 878
Delta R.T. -0.02 min
Lab File: BF098360.D
Acq: 8 Sep 2017 19:43

Instrument :
BNA_F
ClientSampleId :
G57A-1.5-3

Tgt Ion: 82 Resp: 629618

Ion	Ratio	Lower	Upper
82	100		
128	41.7	34.0	51.0
54	38.8	42.2	63.2#

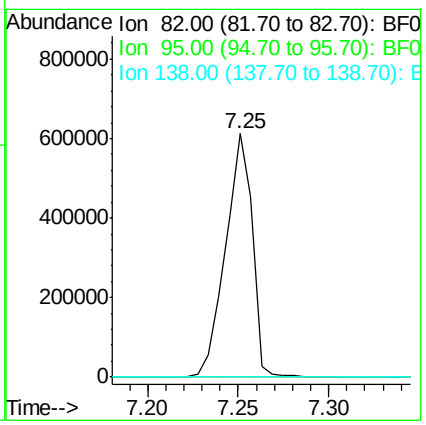


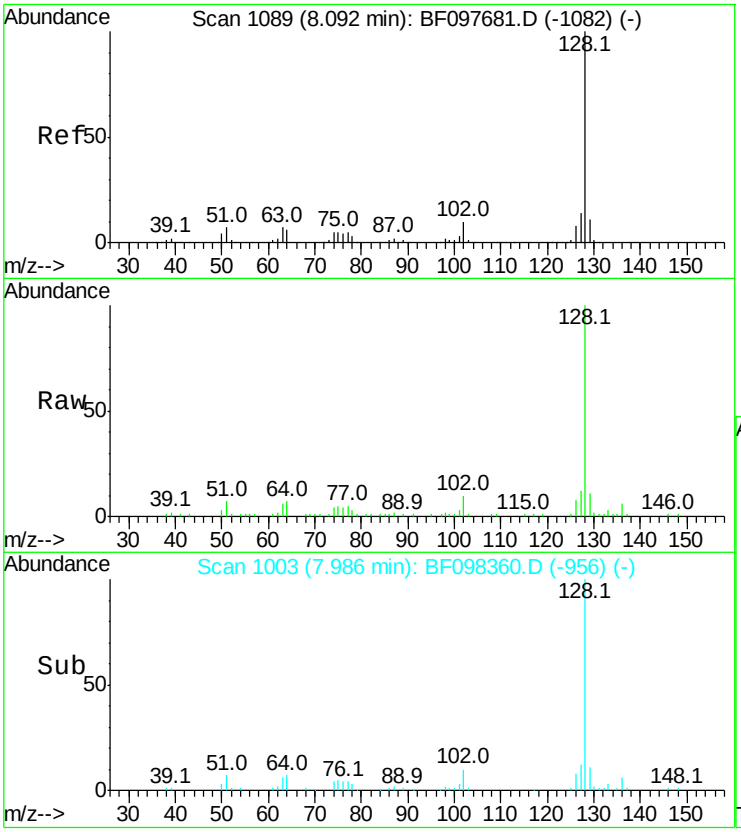


#25
Isophorone
Concen: 43.608 ng
RT: 7.25 min Scan# 878
Delta R.T. -0.28 min
Lab File: BF098360.D
Acq: 8 Sep 2017 19:43

Tgt Ion: 82 Resp: 626706

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



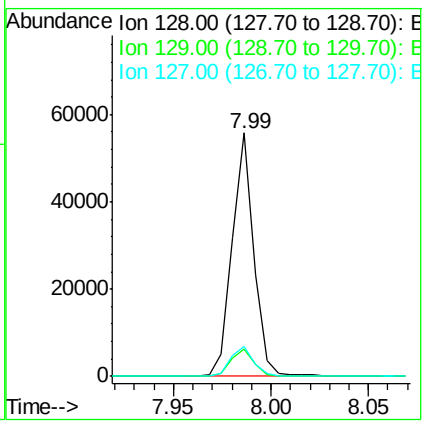


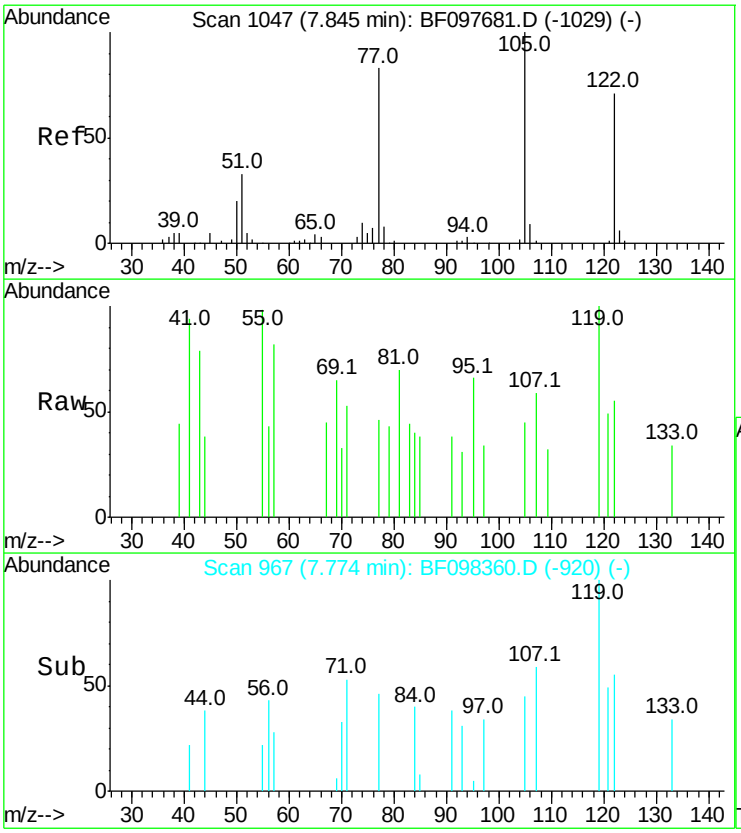
#31
Naphthalene
Concen: 2.213 ng
RT: 7.99 min Scan# 1003
Delta R.T. -0.02 min
Lab File: BF098360.D
Acq: 8 Sep 2017 19:43

Instrument :
BNA_F
ClientSampleId :
G57A-1.5-3

Tgt Ion:128 Resp: 43127

Ion	Ratio	Lower	Upper
128	100		
129	11.0	9.0	13.6
127	12.3	10.8	16.2

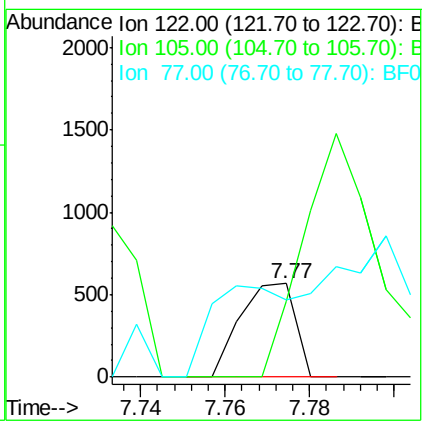


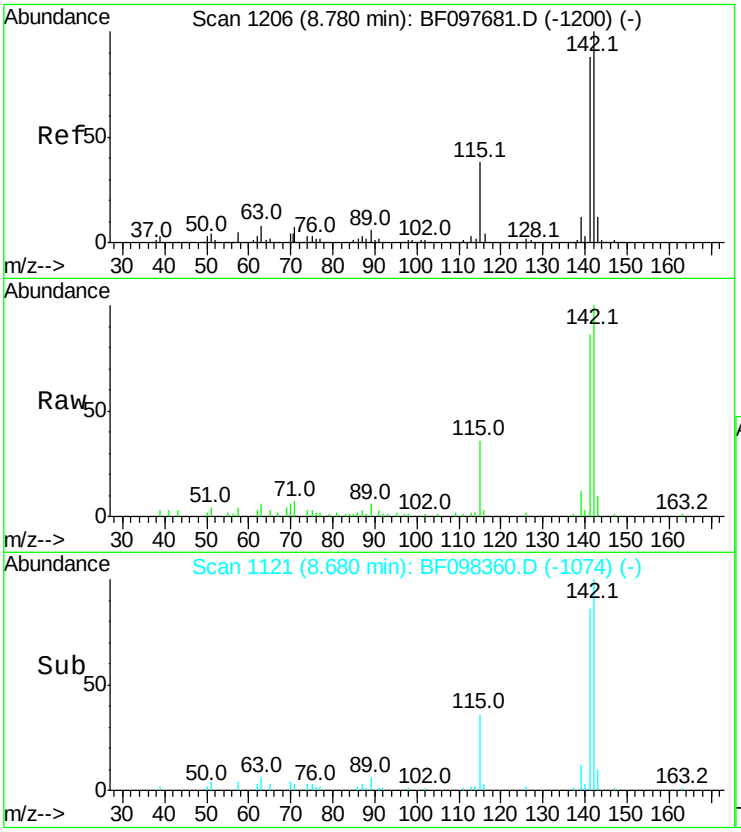


#32
Benzoic acid
Concen: 6.506 ng
RT: 7.77 min Scan# 967
Delta R.T. -0.02 min
Lab File: BF098360.D
Acq: 8 Sep 2017 19:43

Tgt Ion:122 Resp: 514

Ion	Ratio	Lower	Upper
122	100		
105	81.2	103.3	143.3#
77	83.0	73.7	113.7



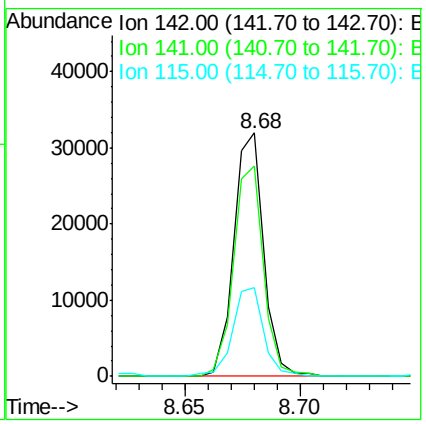


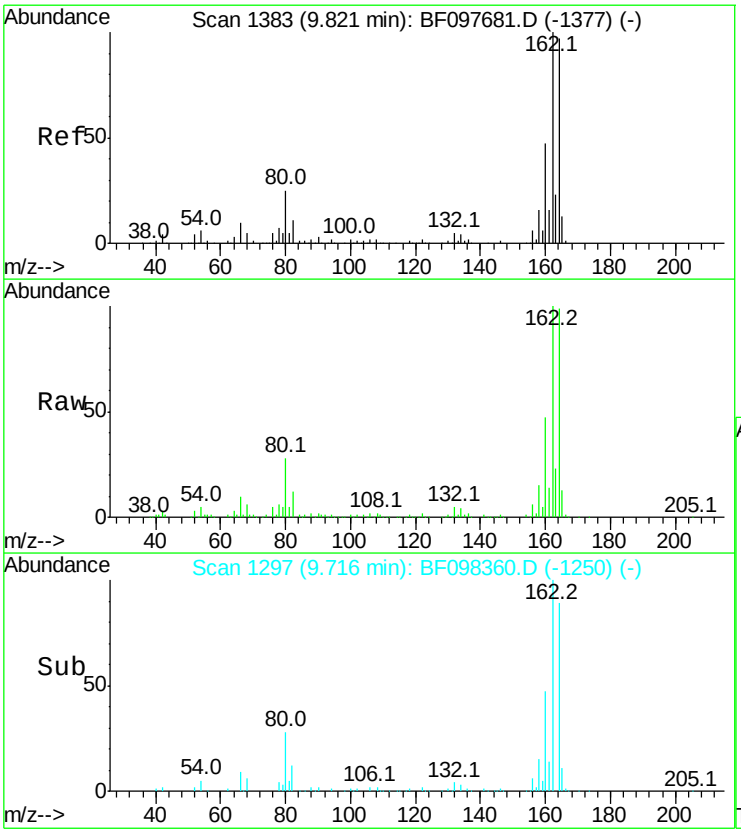
#37
2-Methylnaphthalene
Concen: 2.411 ng
RT: 8.68 min Scan# 1121
Delta R.T. -0.02 min
Lab File: BF098360.D
Acq: 8 Sep 2017 19:43

Instrument :
BNA_F
ClientSampleId :
G57A-1.5-3

Tgt Ion:142 Resp: 28814

Ion	Ratio	Lower	Upper
142	100		
141	86.4	71.3	106.9
115	36.5	27.1	40.7

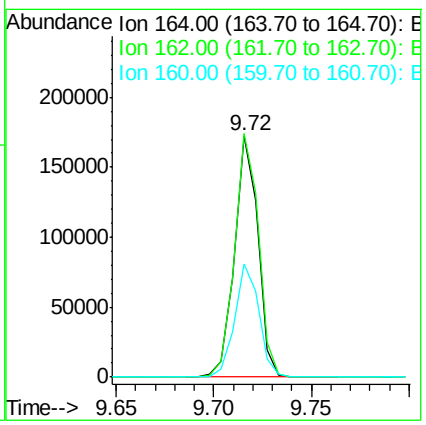


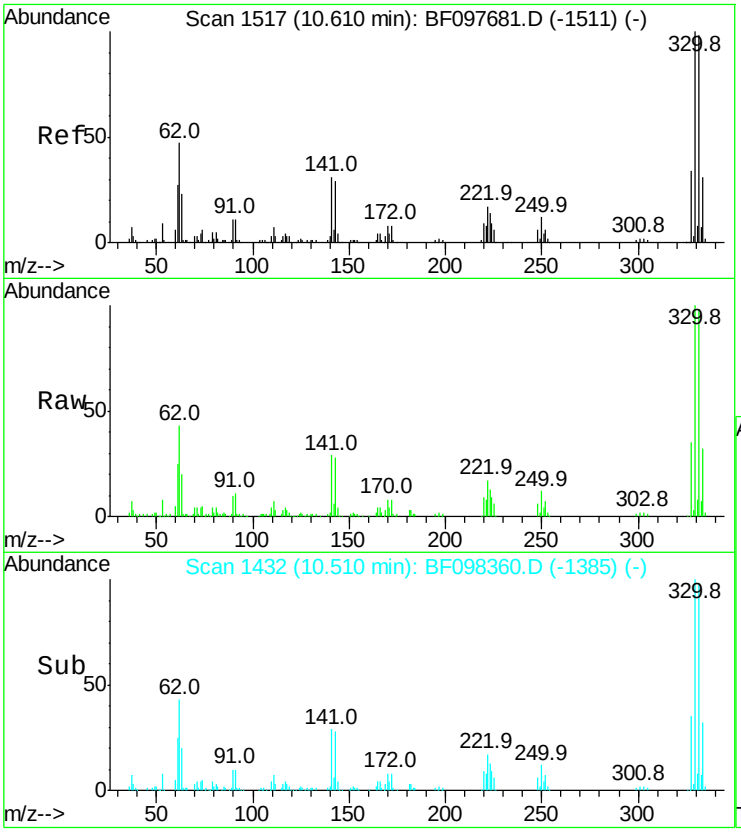


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.72 min Scan# 1297
Delta R.T. -0.02 min
Lab File: BF098360.D
Acq: 8 Sep 2017 19:43

Tgt Ion:164 Resp: 143255

Ion	Ratio	Lower	Upper
164	100		
162	100.8	82.6	123.8
160	46.9	36.2	54.2



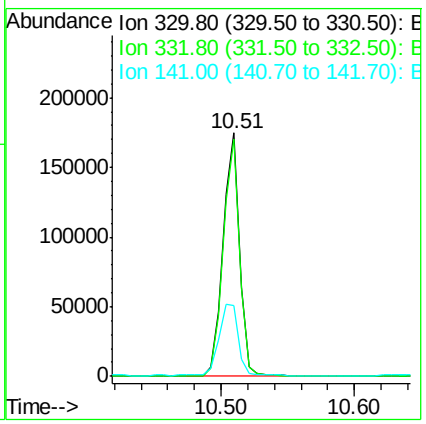


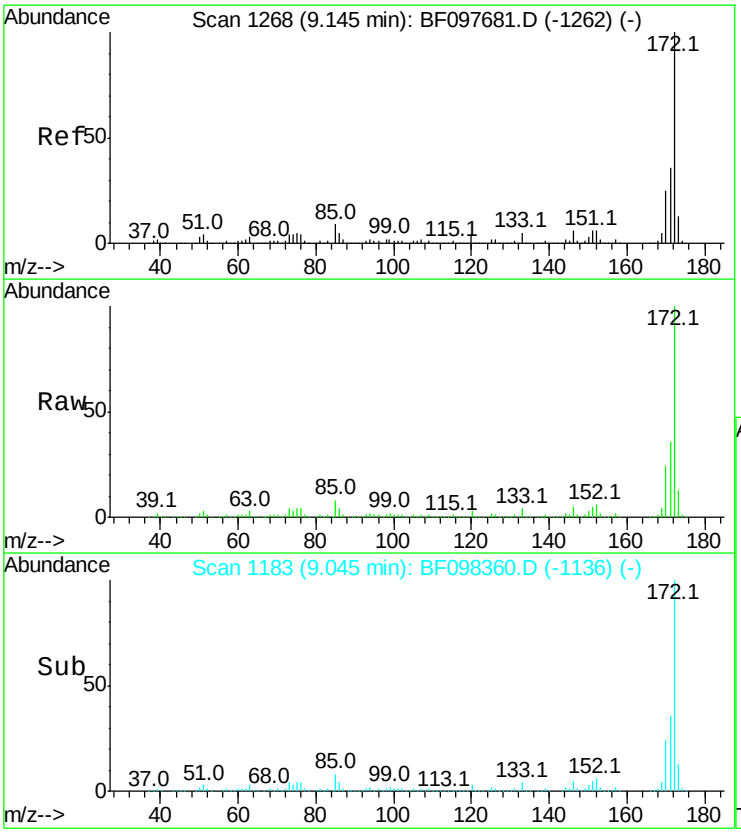
#41
2,4,6-Tribromophenol
Concen: 124.228 ng
RT: 10.51 min Scan# 1432
Delta R.T. -0.02 min
Lab File: BF098360.D
Acq: 8 Sep 2017 19:43

Instrument :
BNA_F
ClientSampleId :
G57A-1.5-3

Tgt Ion:330 Resp: 154412

Ion	Ratio	Lower	Upper
330	100		
332	96.7	76.6	115.0
141	34.7	31.4	47.2

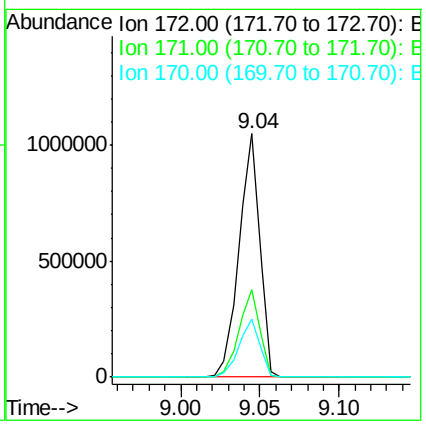


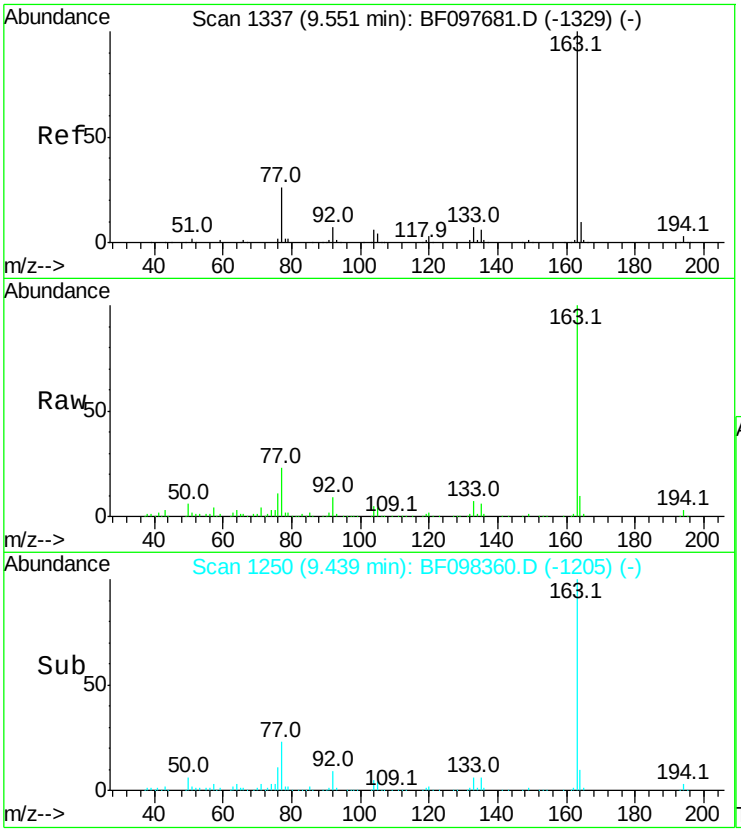


#44
2-Fluorobiphenyl
Concen: 97.238 ng
RT: 9.04 min Scan# 1183
Delta R.T. -0.02 min
Lab File: BF098360.D
Acq: 8 Sep 2017 19:43

Tgt Ion:172 Resp: 948117

Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.6	44.4
170	23.9	19.8	29.8



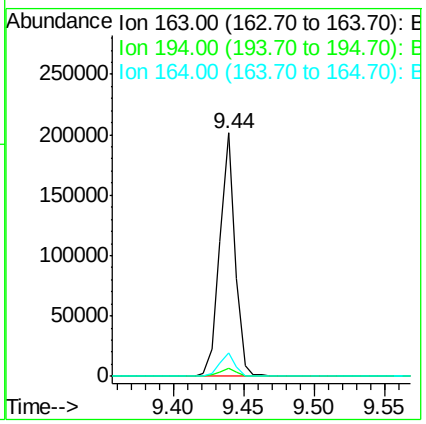


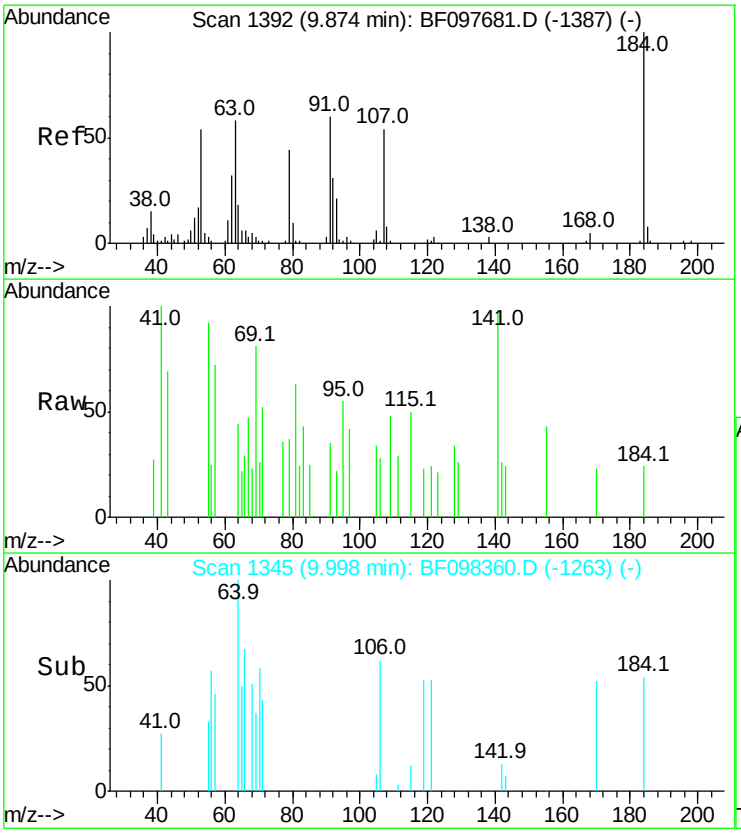
#49
Dimethylphthalate
Concen: 14.597 ng
RT: 9.44 min Scan# 1250
Delta R.T. -0.04 min
Lab File: BF098360.D
Acq: 8 Sep 2017 19:43

Instrument :
BNA_F
ClientSampleId :
G57A-1.5-3

Tgt Ion:163 Resp: 152854

Ion	Ratio	Lower	Upper
163	100		
194	3.4	2.6	4.0
164	9.5	8.4	12.6

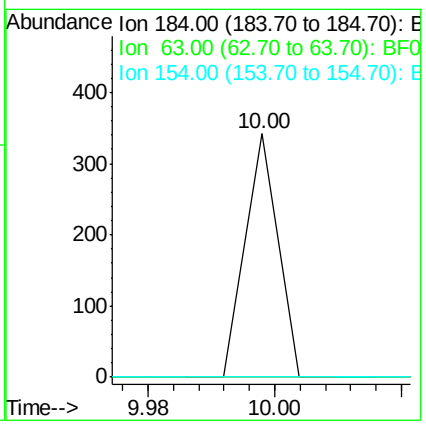


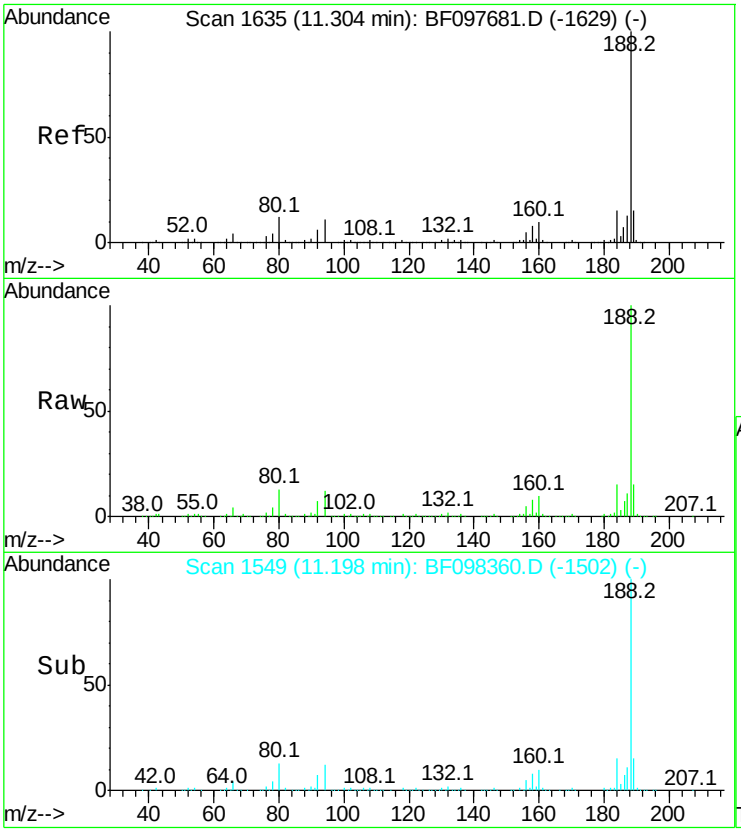


#53
2,4-Dinitrophenol
Concen: 10.248 ng
RT: 10.00 min Scan# 1345
Delta R.T. 0.18 min
Lab File: BF098360.D
Acq: 8 Sep 2017 19:43

Tgt Ion:184 Resp: 121

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



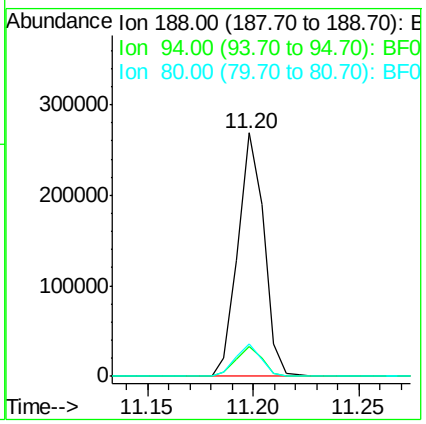


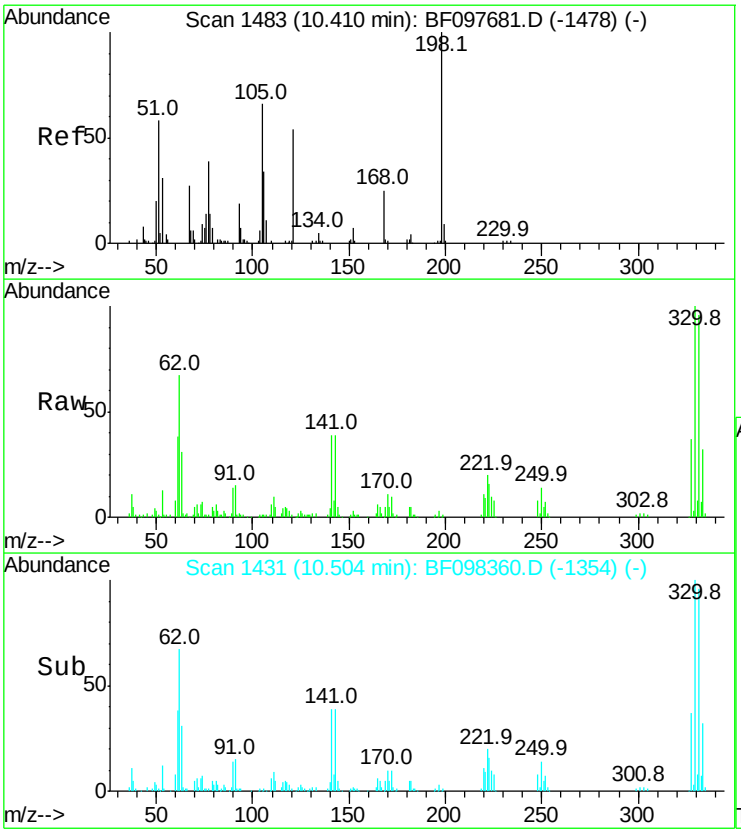
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.20 min Scan# 1549
Delta R.T. -0.02 min
Lab File: BF098360.D
Acq: 8 Sep 2017 19:43

Instrument :
BNA_F
ClientSampleId :
G57A-1.5-3

Tgt Ion:188 Resp: 229372

Ion	Ratio	Lower	Upper
188	100		
94	12.2	9.4	14.2
80	13.4	10.2	15.2

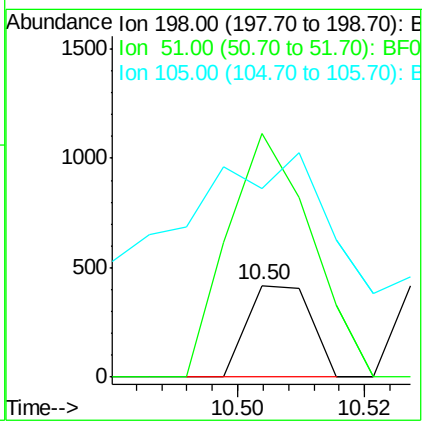


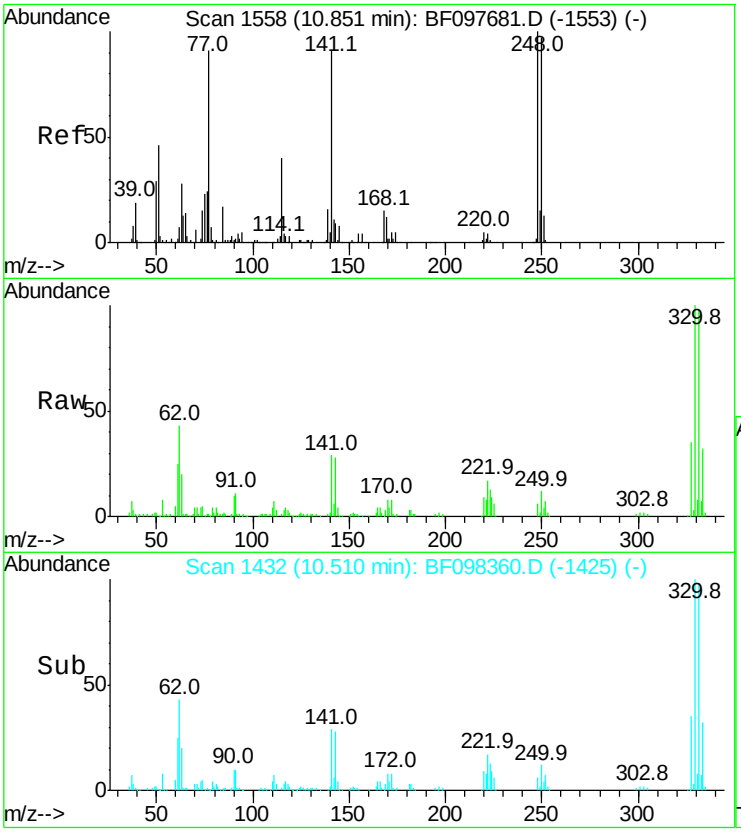


#64
4,6-Dinitro-2-methylphenol
Concen: 8.543 ng
RT: 10.50 min Scan# 1431
Delta R.T. 0.15 min
Lab File: BF098360.D
Acq: 8 Sep 2017 19:43

Tgt Ion:198 Resp: 290

Ion	Ratio	Lower	Upper
198	100		
51	265.6	53.2	93.2#
105	205.5	45.8	85.8#



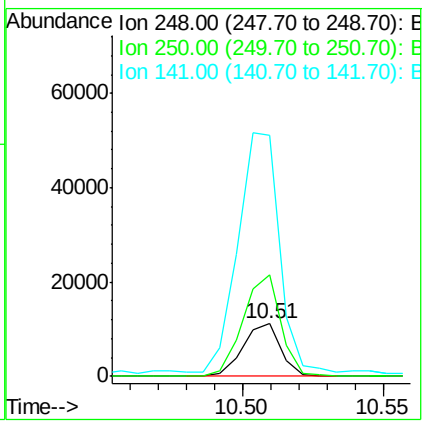


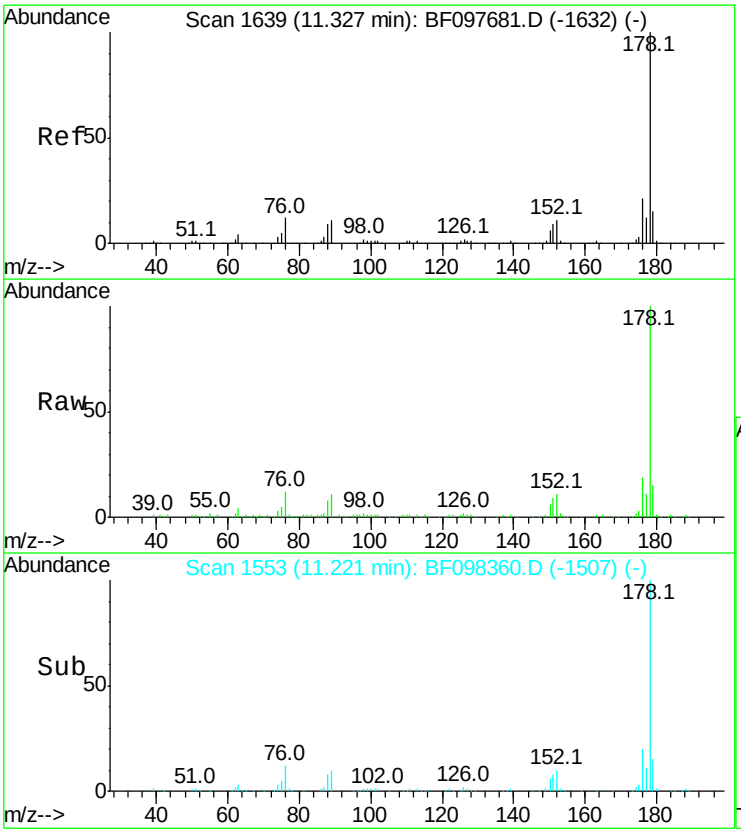
#66
4-Bromophenyl-phenylether
Concen: 4.291 ng
RT: 10.51 min Scan# 1432
Delta R.T. -0.26 min
Lab File: BF098360.D
Acq: 8 Sep 2017 19:43

Instrument :
BNA_F
ClientSampleId :
G57A-1.5-3

Tgt Ion:248 Resp: 10221

Ion	Ratio	Lower	Upper
248	100		
250	193.1	76.8	115.2#
141	458.6	68.6	103.0#

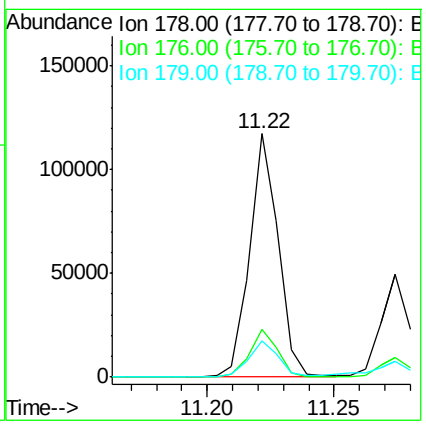


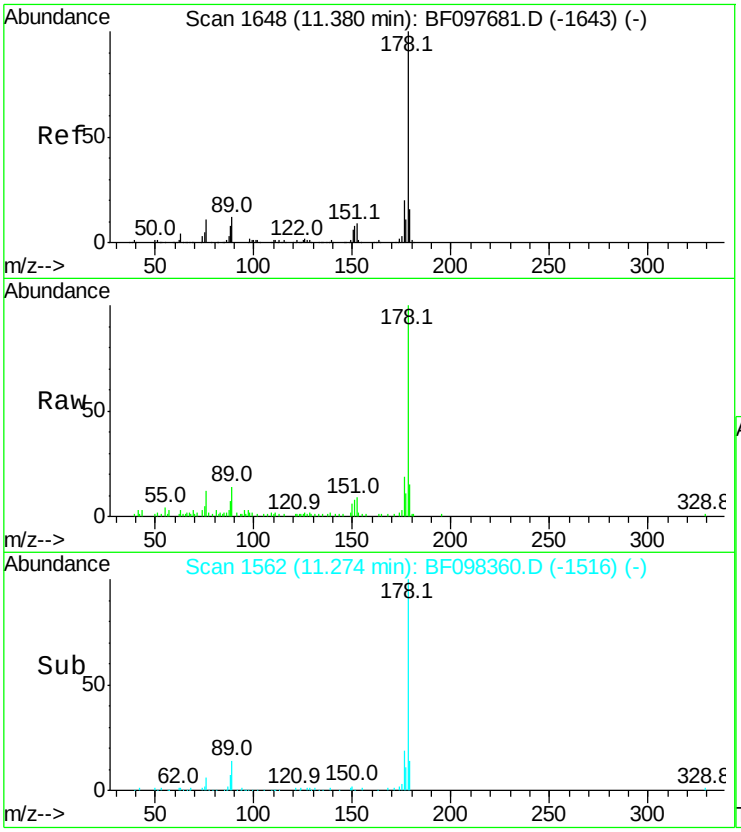


#70
Phenanthrene
Concen: 7.552 ng
RT: 11.22 min Scan# 1553
Delta R.T. -0.03 min
Lab File: BF098360.D
Acq: 8 Sep 2017 19:43

Tgt Ion:178 Resp: 92309

Ion	Ratio	Lower	Upper
178	100		
176	19.5	16.2	24.4
179	15.1	12.6	19.0



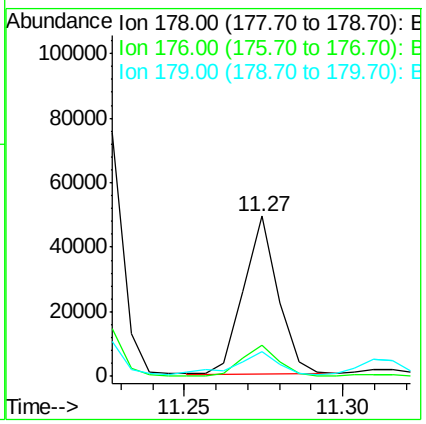


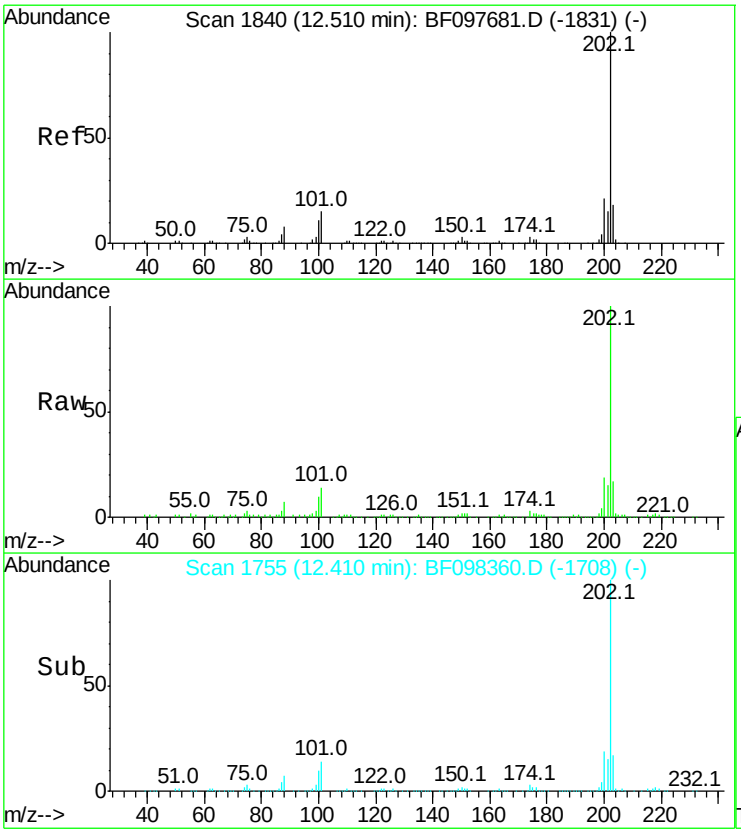
#71
Anthracene
Concen: 3.019 ng
RT: 11.27 min Scan# 1562
Delta R.T. -0.03 min
Lab File: BF098360.D
Acq: 8 Sep 2017 19:43

Instrument :
BNA_F
ClientSampleId :
G57A-1.5-3

Tgt Ion:178 Resp: 37424

Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.8	23.8
179	15.3	12.7	19.1

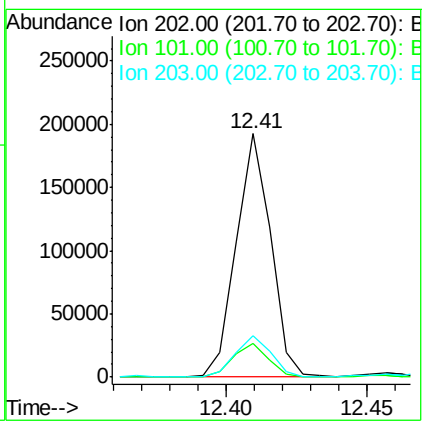


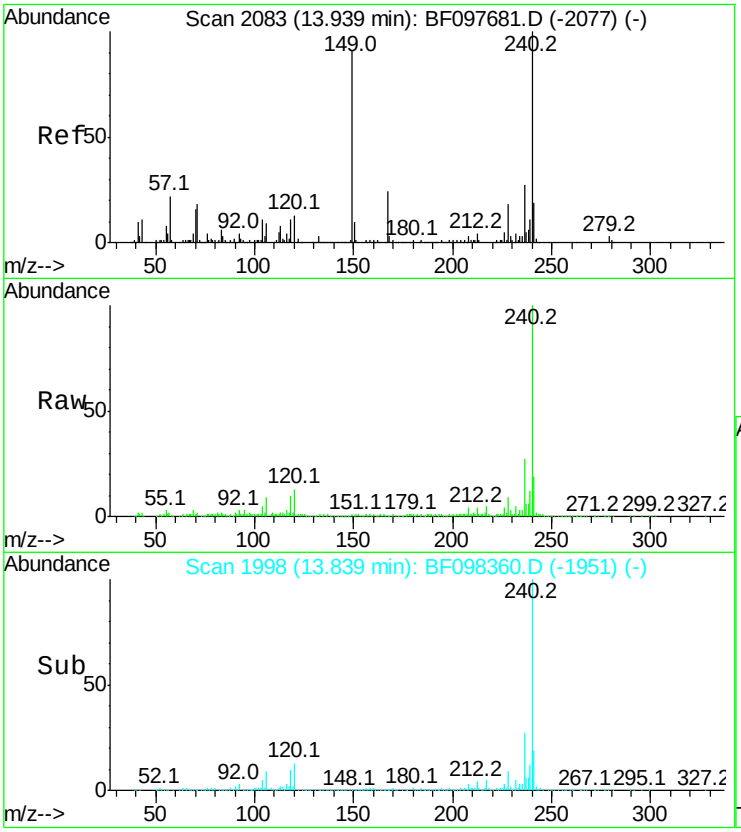


#74
Fluoranthene
Concen: 12.839 ng
RT: 12.41 min Scan# 1755
Delta R.T. -0.02 min
Lab File: BF098360.D
Acq: 8 Sep 2017 19:43

Tgt Ion:202 Resp: 163788

Ion	Ratio	Lower	Upper
202	100		
101	13.7	0.0	33.2
203	17.0	0.0	38.1



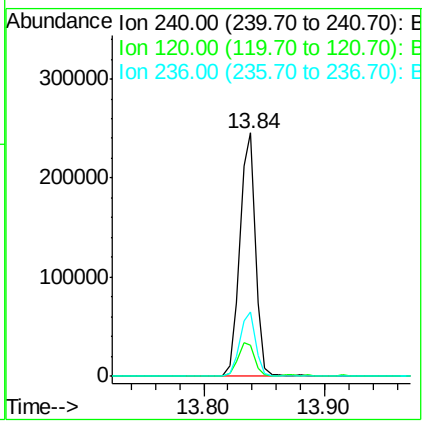


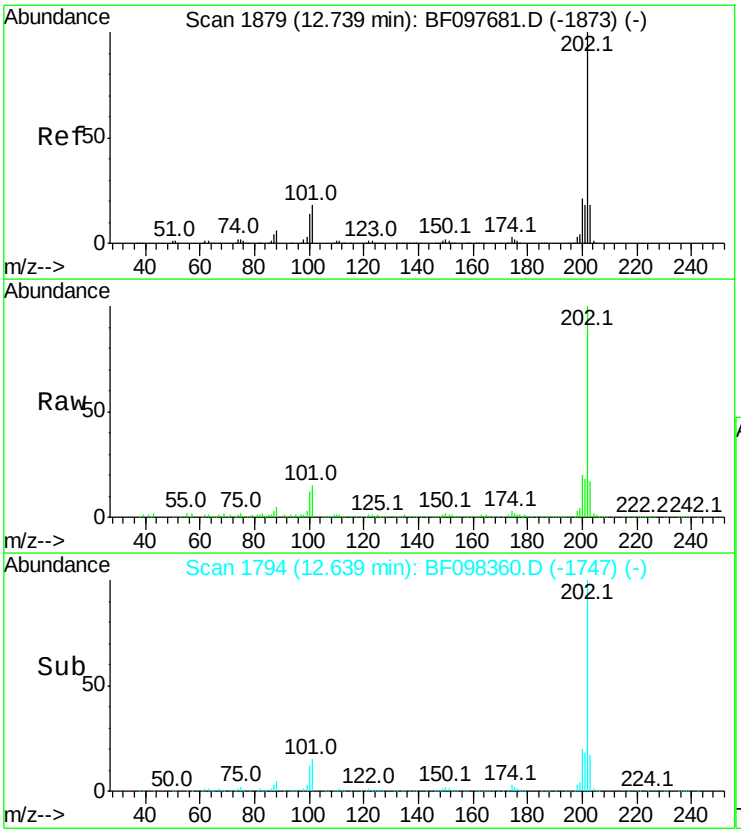
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.84 min Scan# 1998
Delta R.T. -0.02 min
Lab File: BF098360.D
Acq: 8 Sep 2017 19:43

Instrument :
BNA_F
ClientSampleId :
G57A-1.5-3

Tgt Ion:240 Resp: 222565

Ion	Ratio	Lower	Upper
240	100		
120	12.9	5.8	8.8#
236	26.7	20.5	30.7

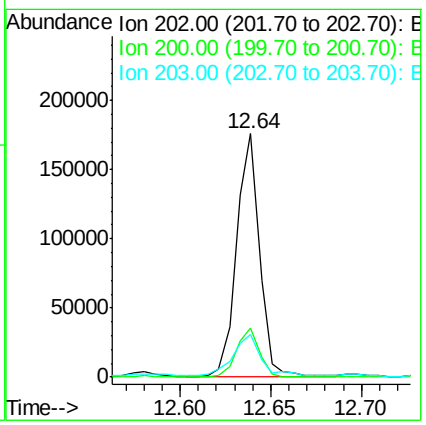


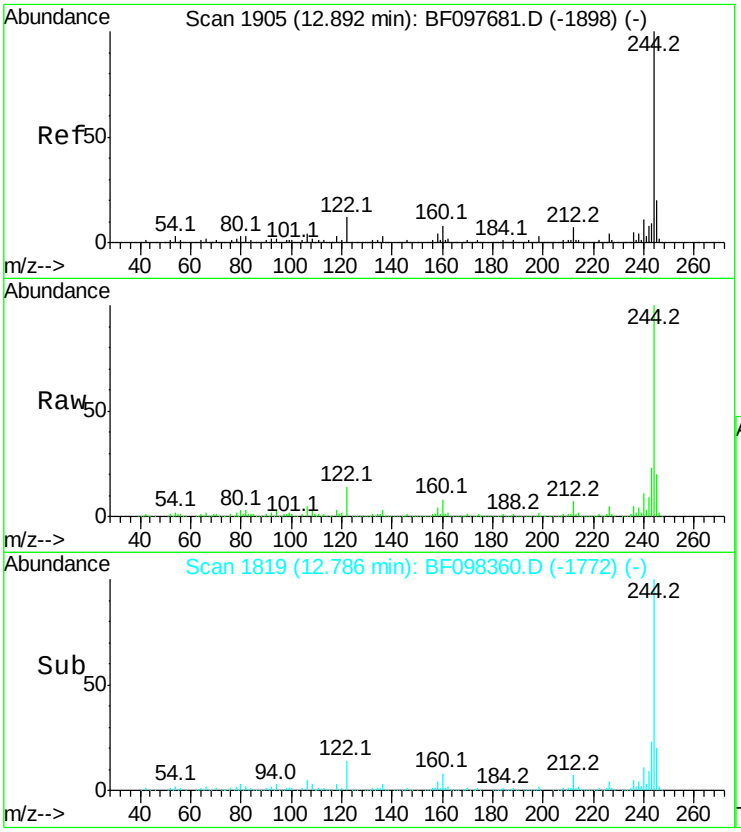


#77
Pyrene
Concen: 8.395 ng
RT: 12.64 min Scan# 1794
Delta R.T. -0.02 min
Lab File: BF098360.D
Acq: 8 Sep 2017 19:43

Tgt Ion:202 Resp: 152810

Ion	Ratio	Lower	Upper
202	100		
200	20.0	17.6	26.4
203	17.5	14.4	21.6



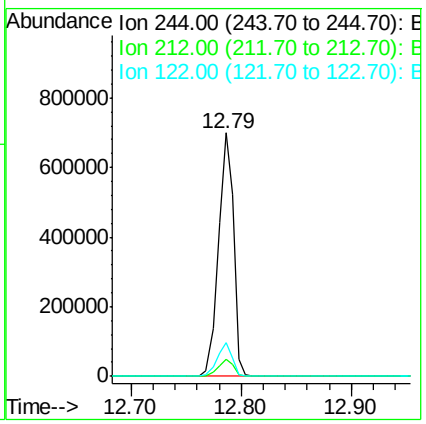


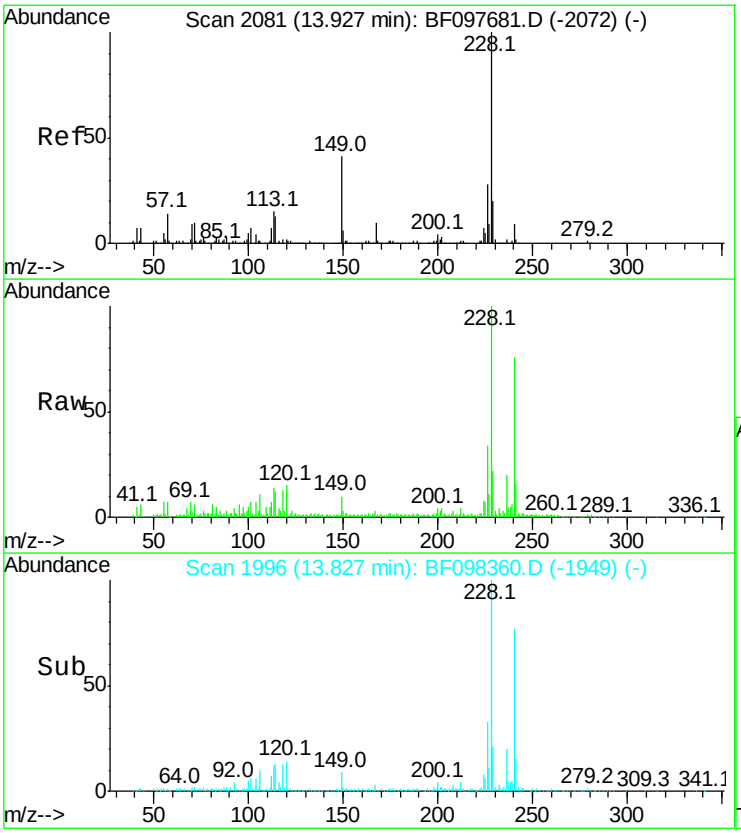
#78
Terphenyl-d14
Concen: 62.146 ng
RT: 12.79 min Scan# 1819
Delta R.T. -0.02 min
Lab File: BF098360.D
Acq: 8 Sep 2017 19:43

Instrument :
BNA_F
ClientSampleId :
G57A-1.5-3

Tgt Ion:244 Resp: 663273

Ion	Ratio	Lower	Upper
244	100		
212	7.1	6.0	9.0
122	13.7	10.3	15.5

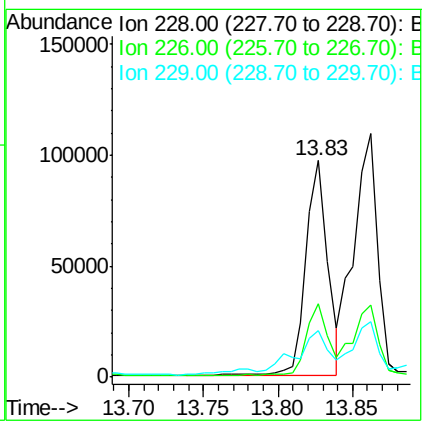


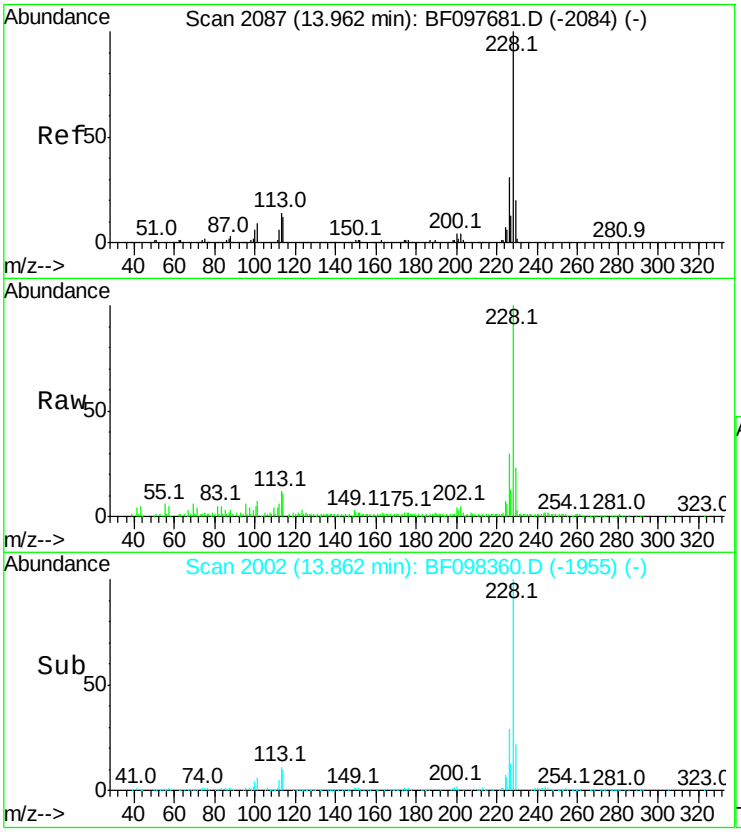


#80
Benzo(a)anthracene
Concen: 7.440 ng
RT: 13.83 min Scan# 1996
Delta R.T. -0.02 min
Lab File: BF098360.D
Acq: 8 Sep 2017 19:43

Tgt Ion:228 Resp: 99238

Ion	Ratio	Lower	Upper
228	100		
226	33.6	22.6	33.8
229	21.7	16.3	24.5



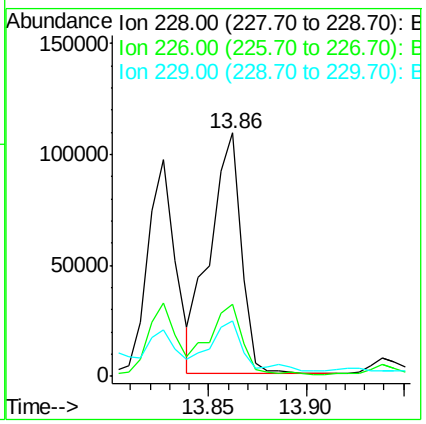


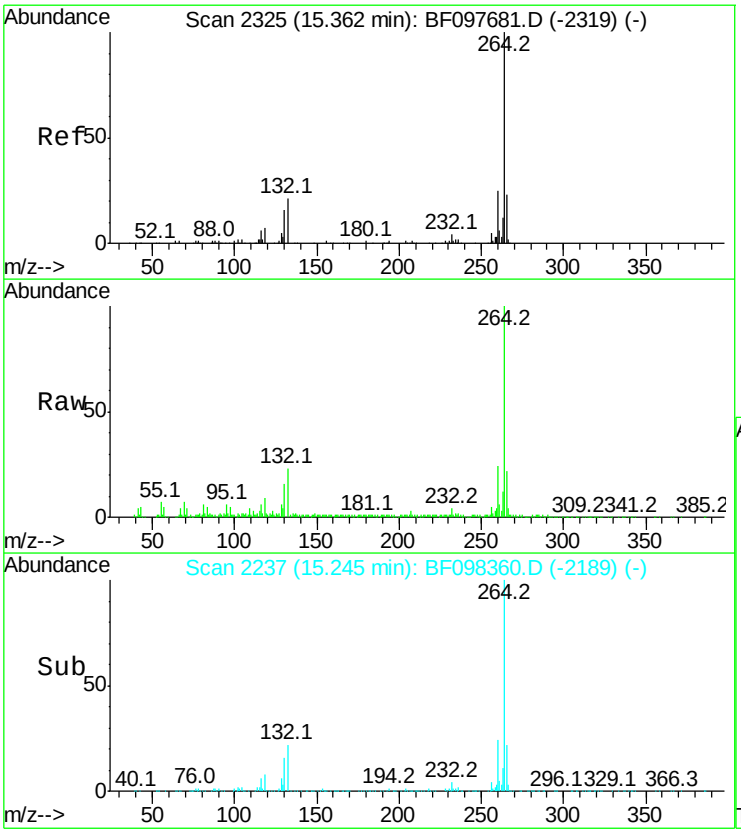
#82
Chrysene
Concen: 9.122 ng
RT: 13.86 min Scan# 2002
Delta R.T. -0.02 min
Lab File: BF098360.D
Acq: 8 Sep 2017 19:43

Instrument :
BNA_F
ClientSampleId :
G57A-1.5-3

Tgt Ion:228 Resp: 121049

Ion	Ratio	Lower	Upper
228	100		
226	29.6	24.9	37.3
229	22.8	15.8	23.6

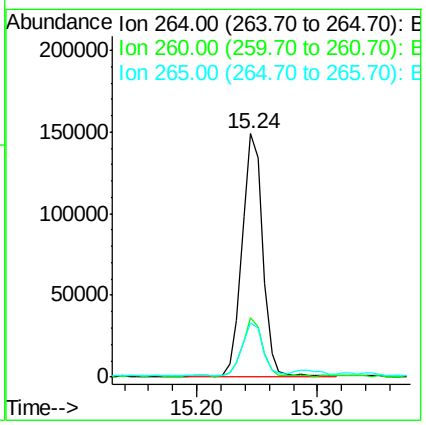


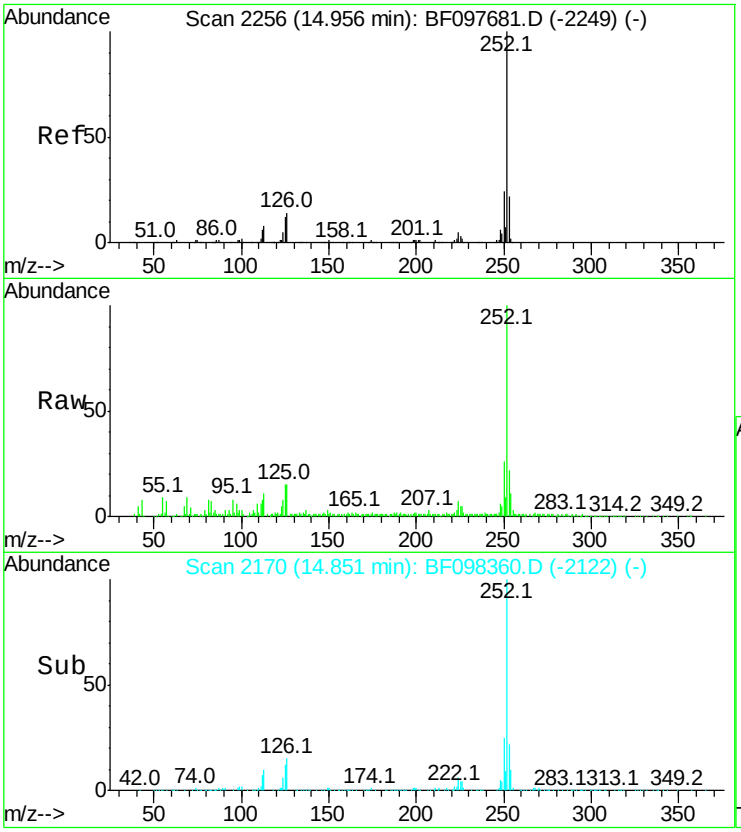


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.24 min Scan# 2237
Delta R.T. -0.02 min
Lab File: BF098360.D
Acq: 8 Sep 2017 19:43

Tgt Ion:264 Resp: 177906

Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.5	29.3
265	22.0	17.2	25.8



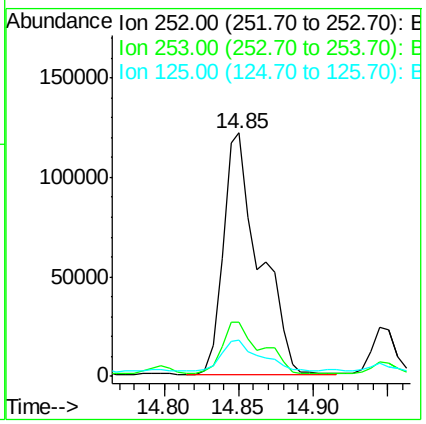


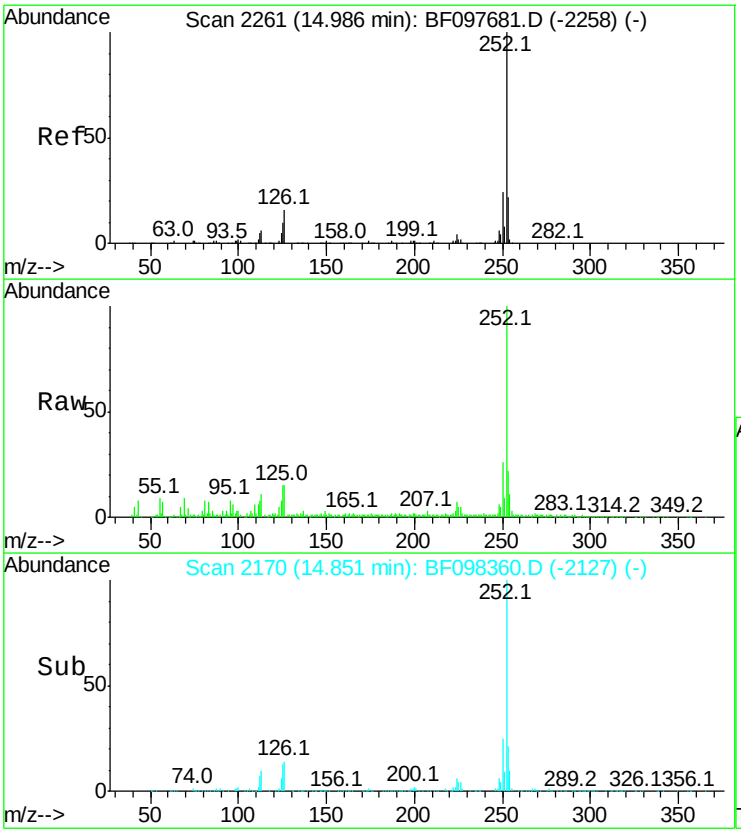
#87
Benzo(b)fluoranthene
Concen: 18.436 ng
RT: 14.85 min Scan# 2170
Delta R.T. -0.02 min
Lab File: BF098360.D
Acq: 8 Sep 2017 19:43

Instrument :
BNA_F
ClientSampleId :
G57A-1.5-3

Tgt Ion:252 Resp: 206745

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

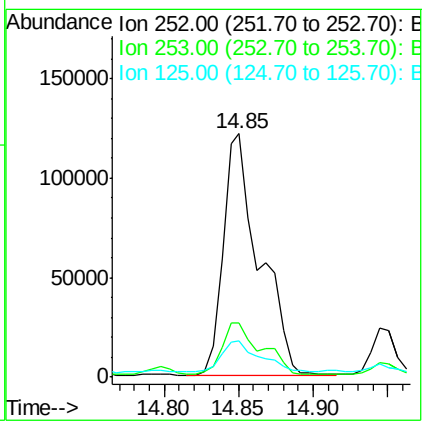


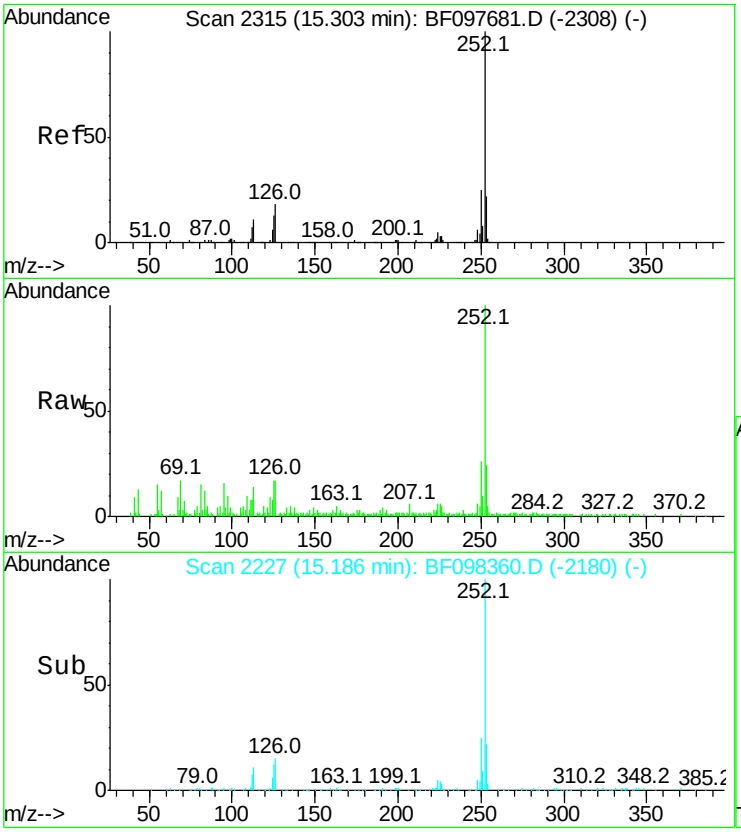


#88
Benzo(k)fluoranthene
Concen: 19.624 ng
RT: 14.85 min Scan# 2170
Delta R.T. -0.05 min
Lab File: BF098360.D
Acq: 8 Sep 2017 19:43

Tgt Ion:252 Resp: 206745

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



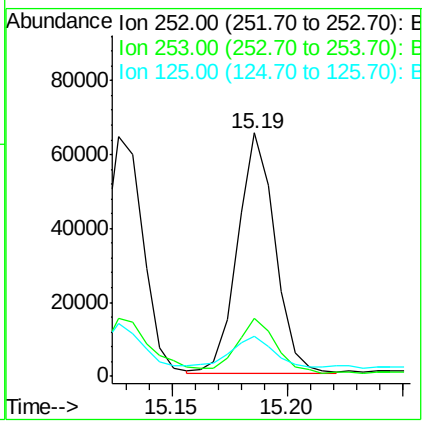


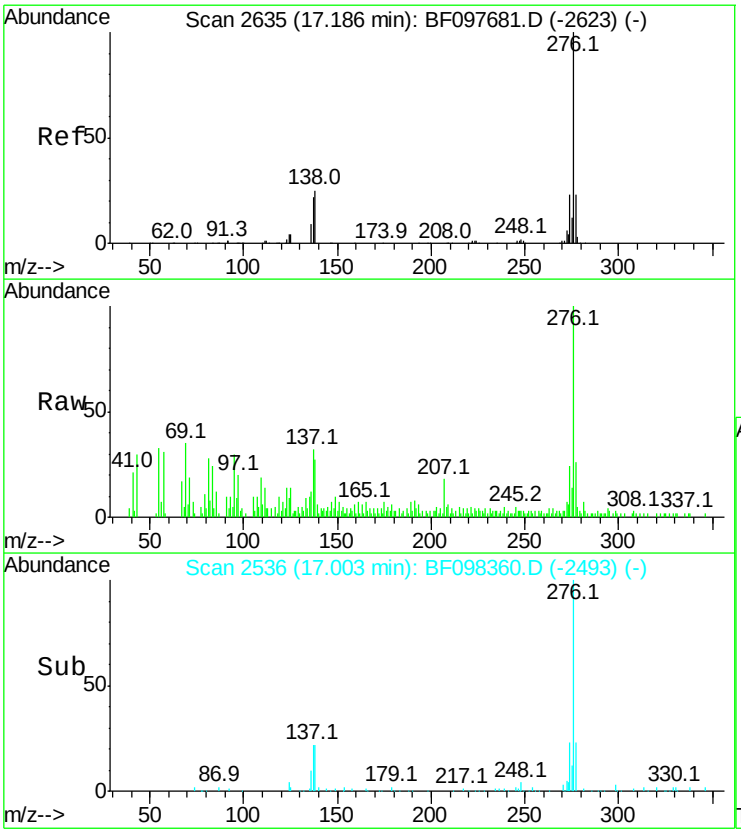
#89
Benzo(a)pyrene
Concen: 7.359 ng
RT: 15.19 min Scan# 2227
Delta R.T. -0.02 min
Lab File: BF098360.D
Acq: 8 Sep 2017 19:43

Instrument :
BNA_F
ClientSampleId :
G57A-1.5-3

Tgt Ion:252 Resp: 73059

Ion	Ratio	Lower	Upper
252	100		
253	23.7	17.5	26.3
125	16.6	11.0	16.4#





#91
Benzo(g,h,i)perylene
Concen: 4.345 ng
RT: 17.00 min Scan# 2536
Delta R.T. -0.05 min
Lab File: BF098360.D
Acq: 8 Sep 2017 19:43

Tgt Ion:276 Resp: 36642

Ion	Ratio	Lower	Upper
276	100		
277	26.2	18.6	28.0
138	26.9	25.4	38.0