Quantitation Report (Not Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF090717\
Data File : BF098330.D
Acq On : 7 Sep 2017 22:58
Operator : SJ/JU
Sample : I5071-08
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : G58A-2.5-5

Quant Time: Sep 08 01:56:24 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	6.69	152	100428	20.00	ng		-0.02
21) Naphthalene-d8	7.97	136	394823	20.00	ng		-0.01
38) Acenaphthene-d10	9.73	164	163844	20.00	ng		-0.01
63) Phenanthrene-d10	11.21	188	294529	20.00	ng		-0.01
75) Chrysene-d12	13.84	240	244245	20.00	ng		-0.02
86) Perylene-d12	15.26	264	167514	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.30	112	759532	115.04	ng		0.00
7) Phenol-d6	6.34	99	1023563	114.10	ng		-0.01
23) Nitrobenzene-d5	7.26	82	614080	84.49	ng		-0.02
41) 2,4,6-Tribromophenol	10.52	330	170169	119.70	ng		-0.02
44) 2-Fluorobiphenyl	9.05	172	913729	81.93	ng		-0.02
78) Terphenyl-d14	12.80	244	721897	61.63	ng		-0.01
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.26	70	82874	13.495	ng	#	72
25) Isophorone	7.26	82	607753	40.215	ng	#	67
49) Dimethylphthalate	9.44	163	152445	12.729	ng		100
56) 2,4-Dinitrotoluene	9.73	165	22185	7.395	ng	#	34
64) 4,6-Dinitro-2-methylphenol	10.52	198	416	8.568	ng	#	1
66) 4-Bromophenyl-phenylether	10.52	248	10871	3.554	ng	#	1
70) Phenanthrene	11.23	178	67248	4.285	ng		96
74) Fluoranthene	12.42	202	143883	8.783	ng		97
77) Pyrene	12.64	202	152544	7.636	ng		98
80) Benzo(a)anthracene	13.83	228	86755	5.926	ng		97
82) Chrysene	13.87	228	76481	5.252	ng		97
85) Indeno(1,2,3-cd)pyrene	16.61	276	22267	2.079	ng		93
87) Benzo(b)fluoranthene	14.86	252	108926	10.316	ng	#	95
88) Benzo(k)fluoranthene	14.86	252	108926	10.980	ng		98
89) Benzo(a)pyrene	15.20	252	44179	4.726	ng		96
91) Benzo(g,h,i)perylene	17.02	276	22448	2.827	ng		93

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

Quantitation Report (Not Reviewed)

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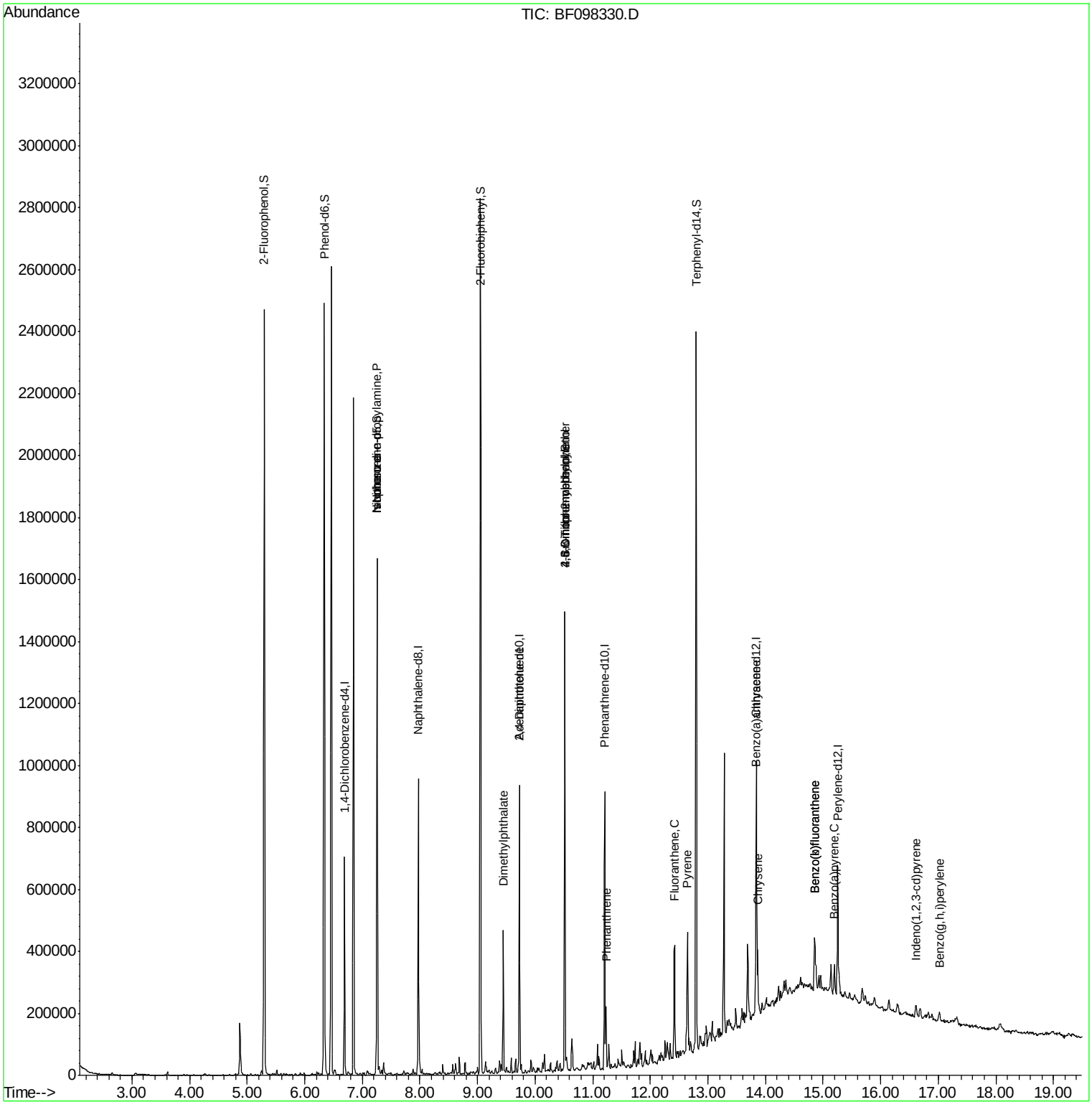
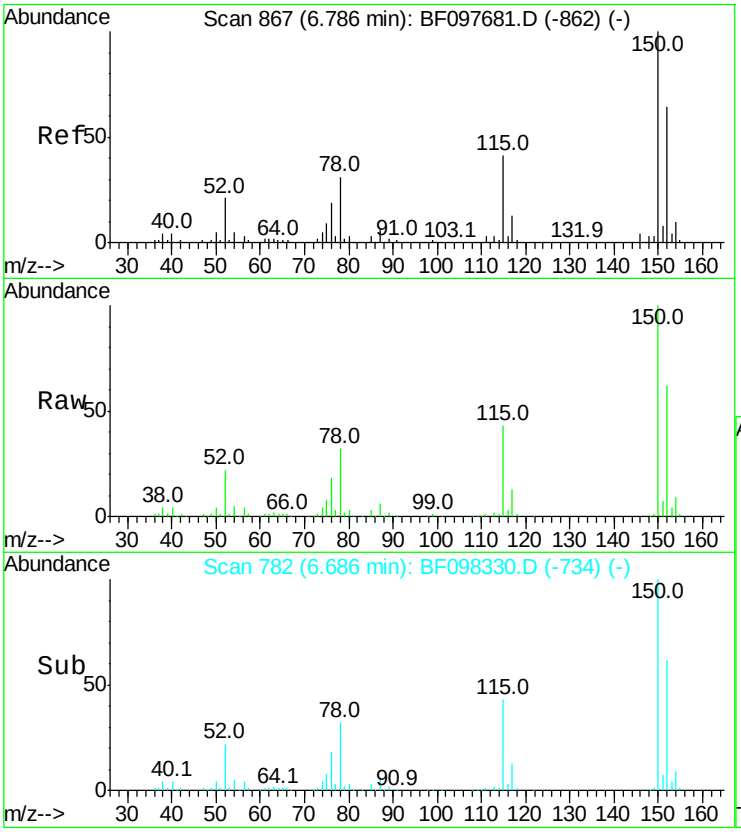


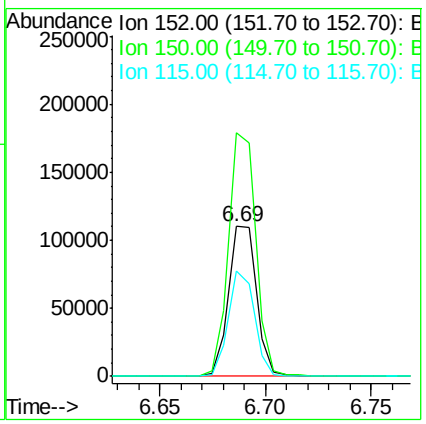


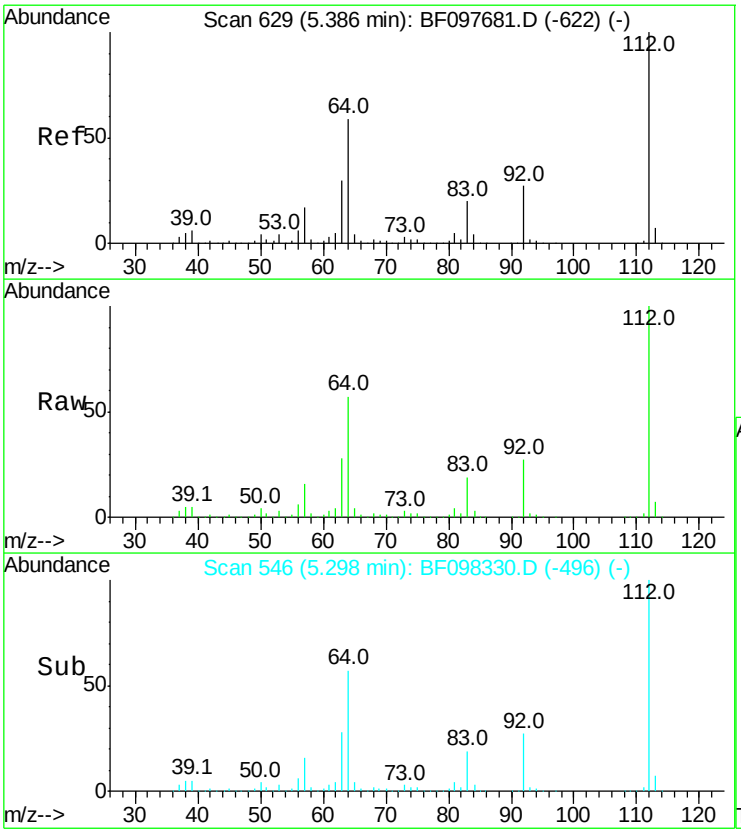
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.69 min Scan# 782
Delta R.T. -0.02 min
Lab File: BF098330.D
Acq: 7 Sep 2017 22:58

Instrument :
BNA_F
ClientSampleId :
G58A-2.5-5

Tgt Ion:152 Resp: 100428

Ion	Ratio	Lower	Upper
152	100		
150	162.4	126.2	189.2
115	70.4	52.2	78.2

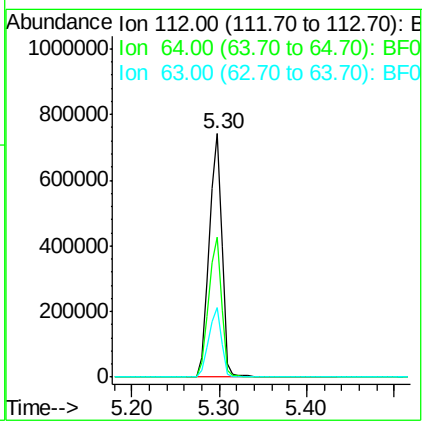


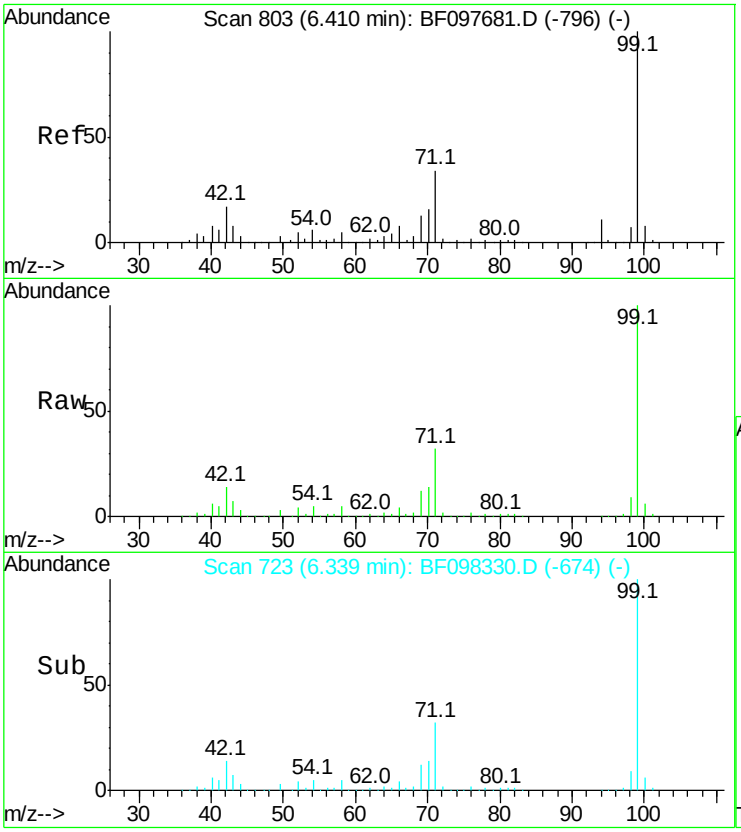


#5
2-Fluorophenol
Concen: 115.038 ng
RT: 5.30 min Scan# 546
Delta R.T. -0.01 min
Lab File: BF098330.D
Acq: 7 Sep 2017 22:58

Tgt Ion:112 Resp: 759532

Ion	Ratio	Lower	Upper
112	100		
64	57.3	46.0	69.0
63	28.5	23.4	35.0



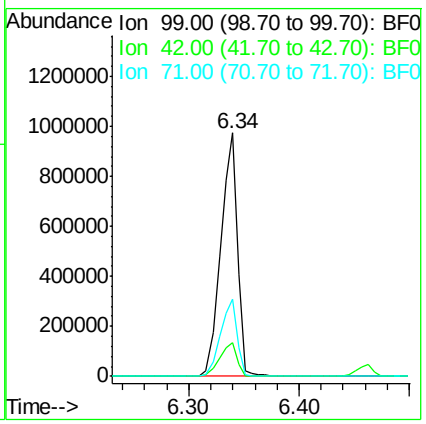


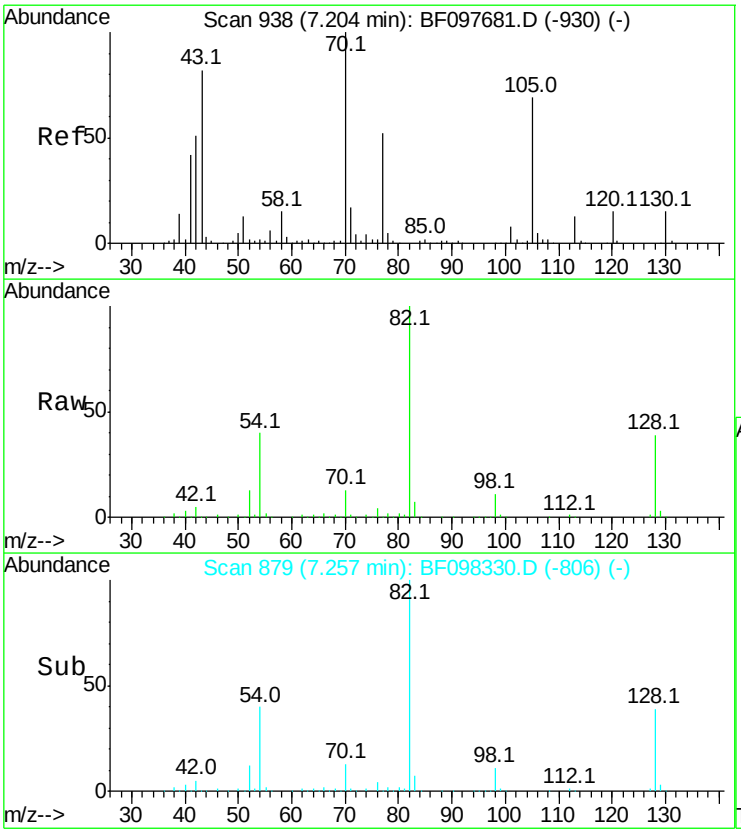
#7
Phenol-d6
Concen: 114.099 ng
RT: 6.34 min Scan# 723
Delta R.T. -0.01 min
Lab File: BF098330.D
Acq: 7 Sep 2017 22:58

Instrument :
BNA_F
ClientSampleId :
G58A-2.5-5

Tgt Ion: 99 Resp: 1023563

Ion	Ratio	Lower	Upper
99	100		
42	14.0	13.5	20.3
71	31.5	24.5	36.7

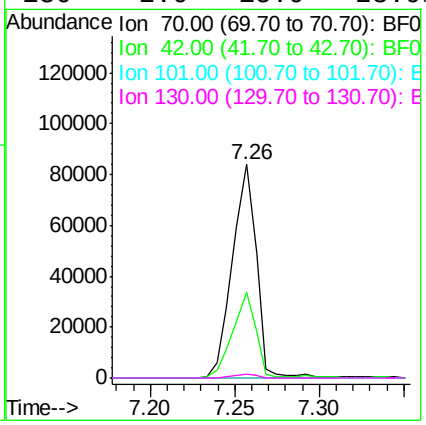


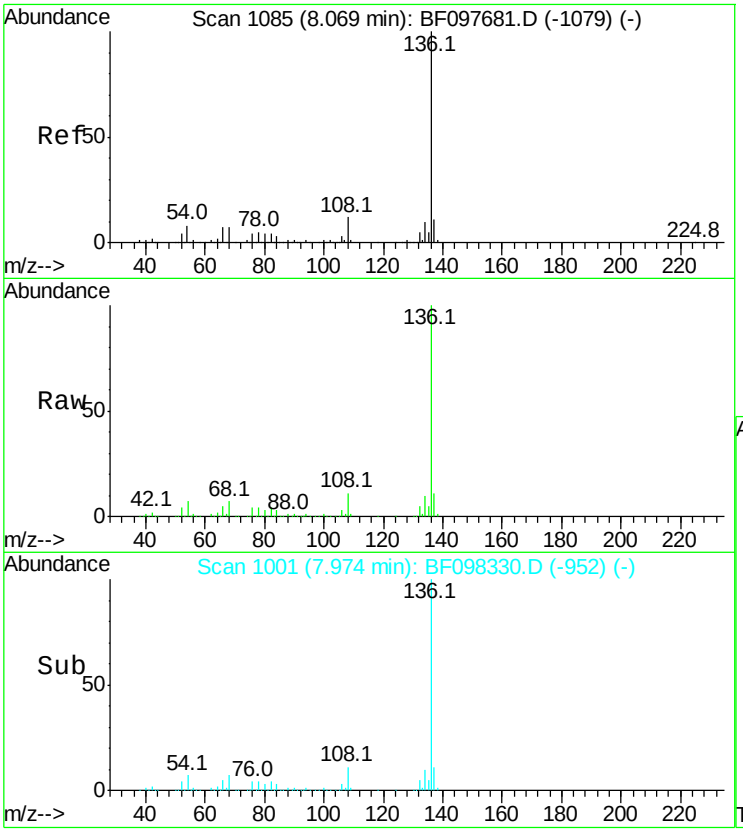


#19
n-Nitroso-di-n-propylamine
Concen: 13.495 ng
RT: 7.26 min Scan# 879
Delta R.T. 0.13 min
Lab File: BF098330.D
Acq: 7 Sep 2017 22:58

Tgt Ion: 70 Resp: 82874

Ion	Ratio	Lower	Upper
70	100		
42	40.3	47.2	70.8#
101	0.0	7.2	10.8#
130	2.0	15.9	23.9#



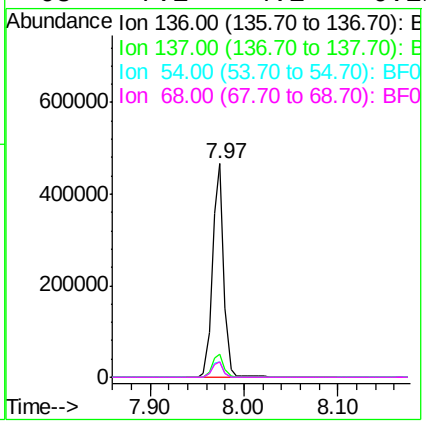


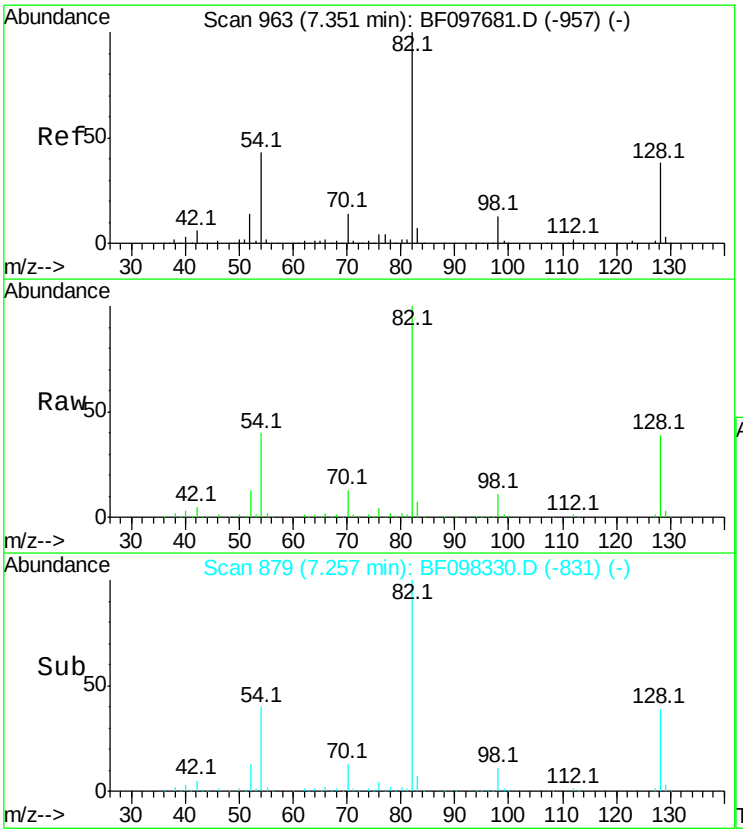
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.97 min Scan# 1001
Delta R.T. -0.01 min
Lab File: BF098330.D
Acq: 7 Sep 2017 22:58

Instrument : BNA_F
ClientSampleId : G58A-2.5-5

Tgt Ion:136 Resp: 394823

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.5	12.7
54	7.0	4.9	7.3
68	7.1	4.1	6.1#

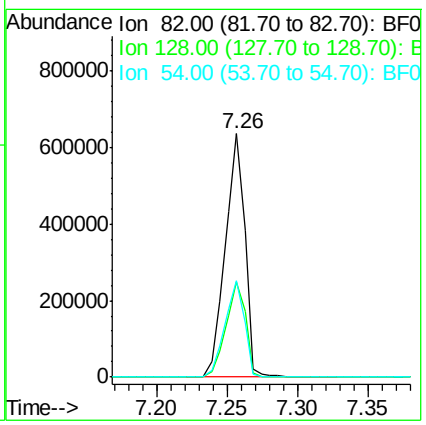


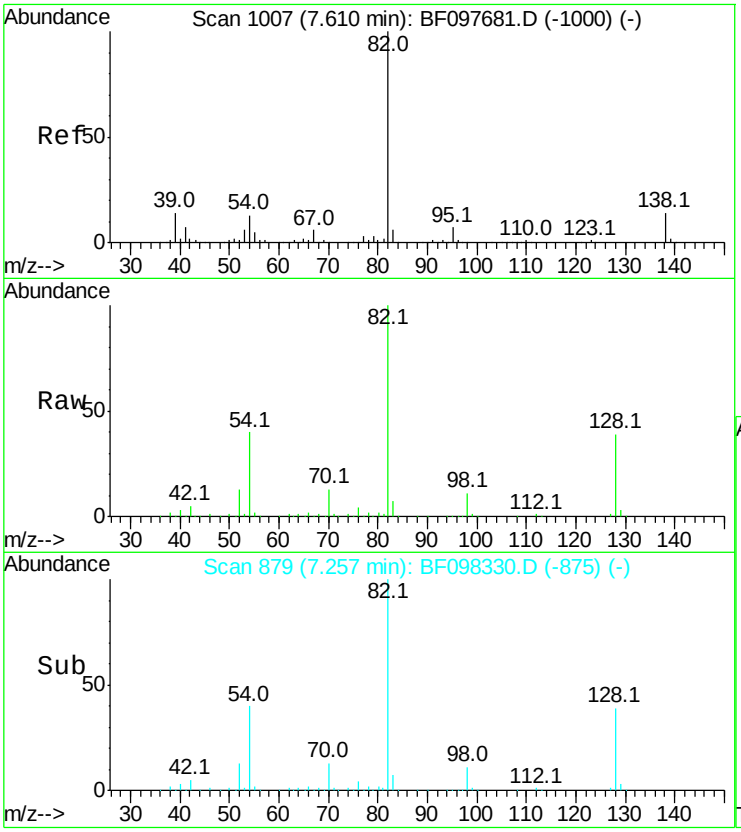


#23
Nitrobenzene-d5
Concen: 84.493 ng
RT: 7.26 min Scan# 879
Delta R.T. -0.02 min
Lab File: BF098330.D
Acq: 7 Sep 2017 22:58

Tgt Ion: 82 Resp: 614080

Ion	Ratio	Lower	Upper
82	100		
128	39.1	34.0	51.0
54	39.8	42.2	63.2#



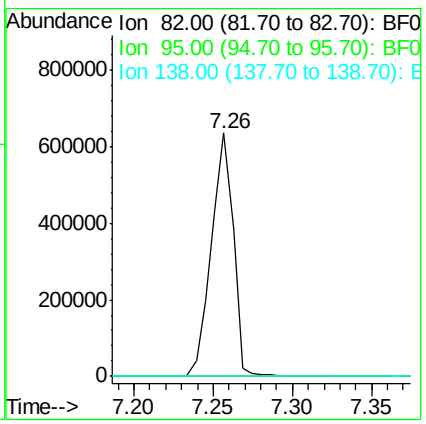


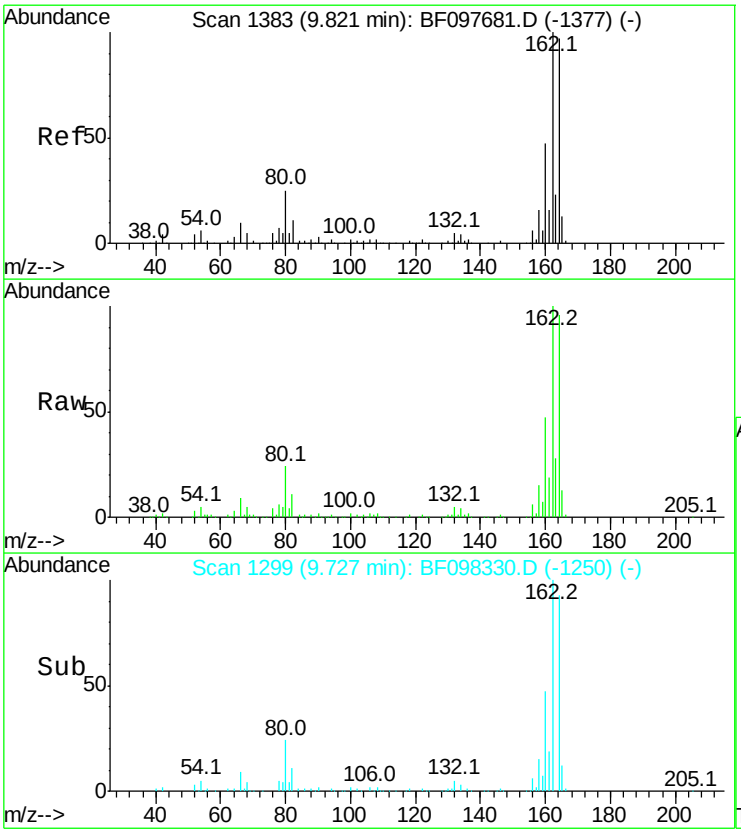
#25
Isophorone
Concen: 40.215 ng
RT: 7.26 min Scan# 879
Delta R.T. -0.28 min
Lab File: BF098330.D
Acq: 7 Sep 2017 22:58

Instrument :
BNA_F
ClientSampleId :
G58A-2.5-5

Tgt Ion: 82 Resp: 607753

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

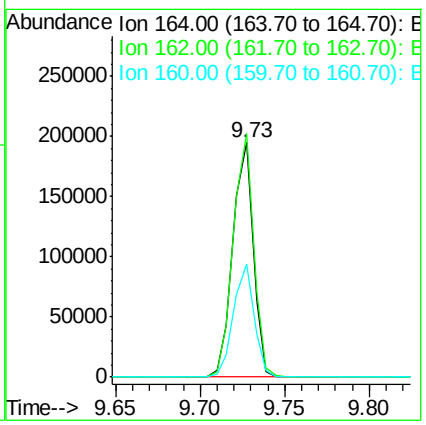


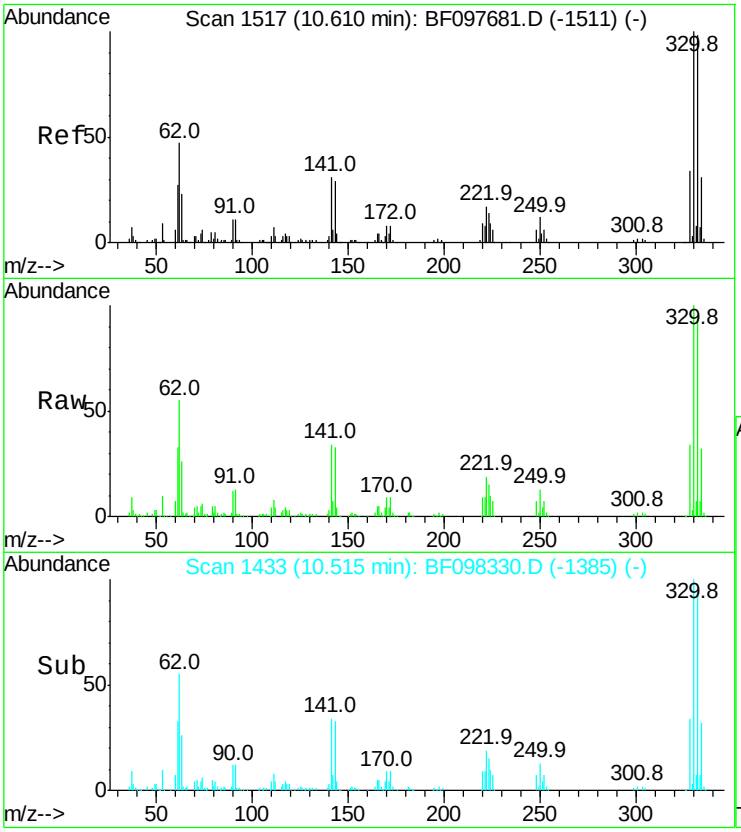


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.73 min Scan# 1299
Delta R.T. -0.01 min
Lab File: BF098330.D
Acq: 7 Sep 2017 22:58

Tgt Ion:164 Resp: 163844

Ion	Ratio	Lower	Upper
164	100		
162	103.9	82.6	123.8
160	48.4	36.2	54.2



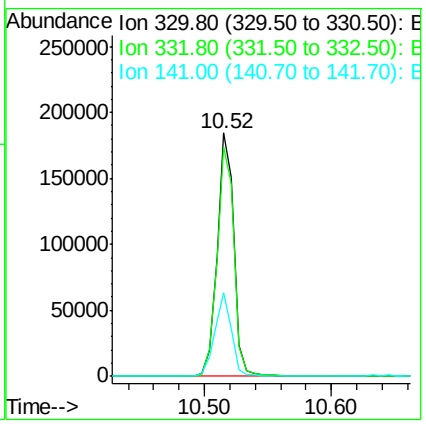


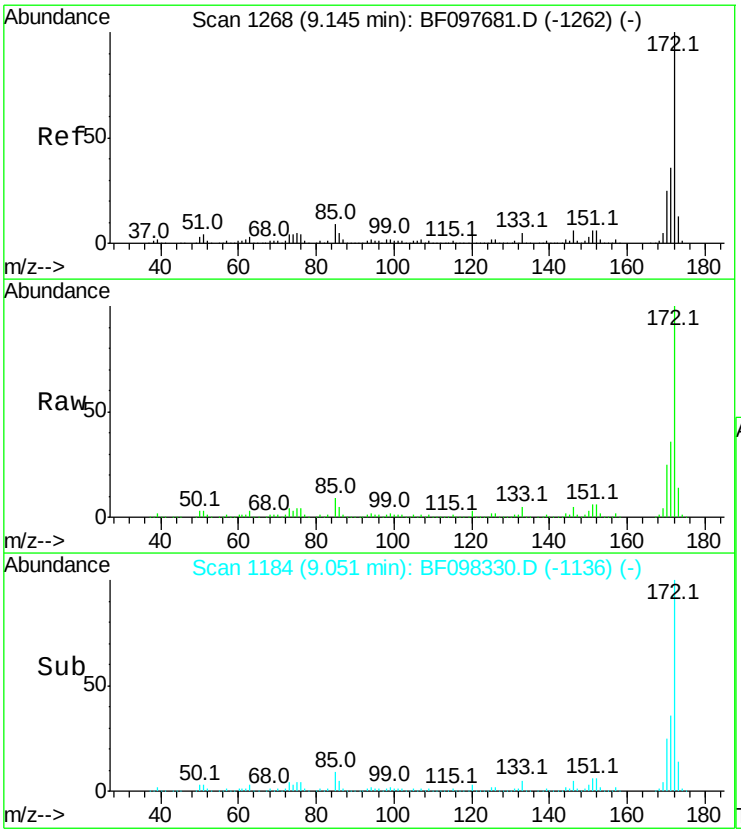
#41
2,4,6-Tribromophenol
Concen: 119.701 ng
RT: 10.52 min Scan# 1433
Delta R.T. -0.02 min
Lab File: BF098330.D
Acq: 7 Sep 2017 22:58

Instrument :
BNA_F
ClientSampleId :
G58A-2.5-5

Tgt Ion:330 Resp: 170169

Ion	Ratio	Lower	Upper
330	100		
332	96.3	76.6	115.0
141	36.0	31.4	47.2

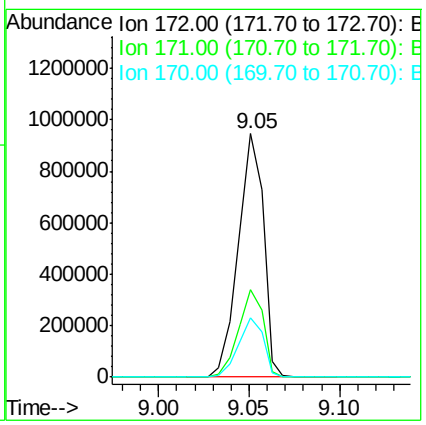


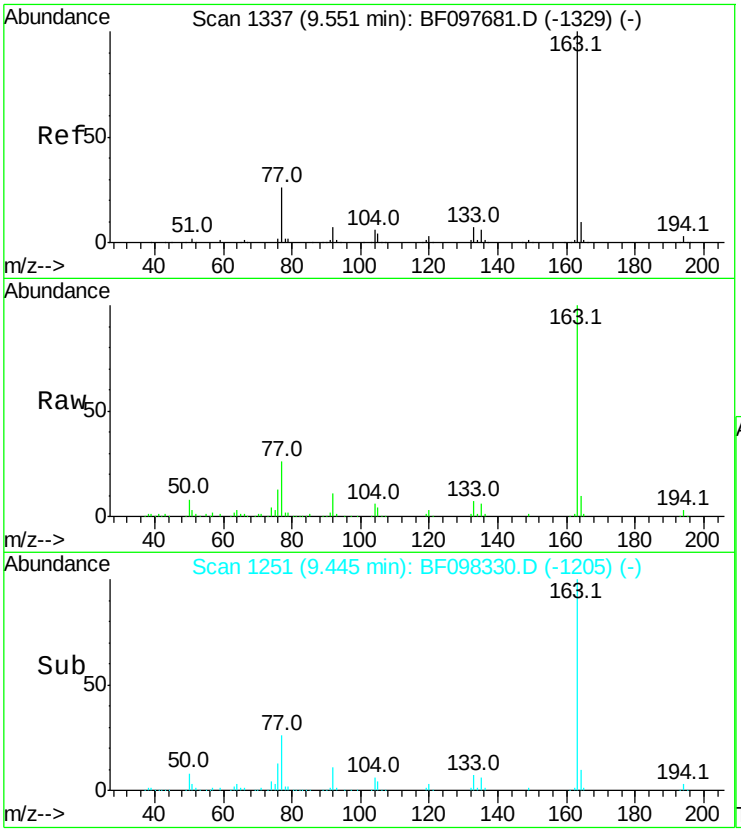


#44
2-Fluorobiphenyl
Concen: 81.935 ng
RT: 9.05 min Scan# 1184
Delta R.T. -0.02 min
Lab File: BF098330.D
Acq: 7 Sep 2017 22:58

Tgt Ion:172 Resp: 913729

Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.6	44.4
170	24.6	19.8	29.8



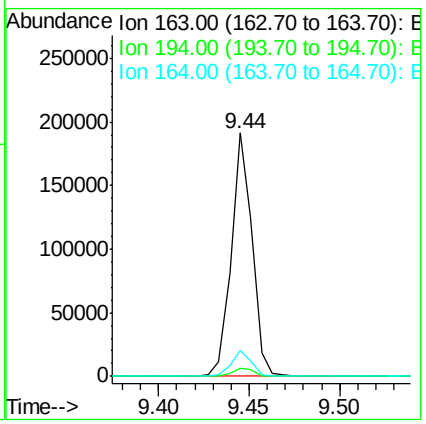


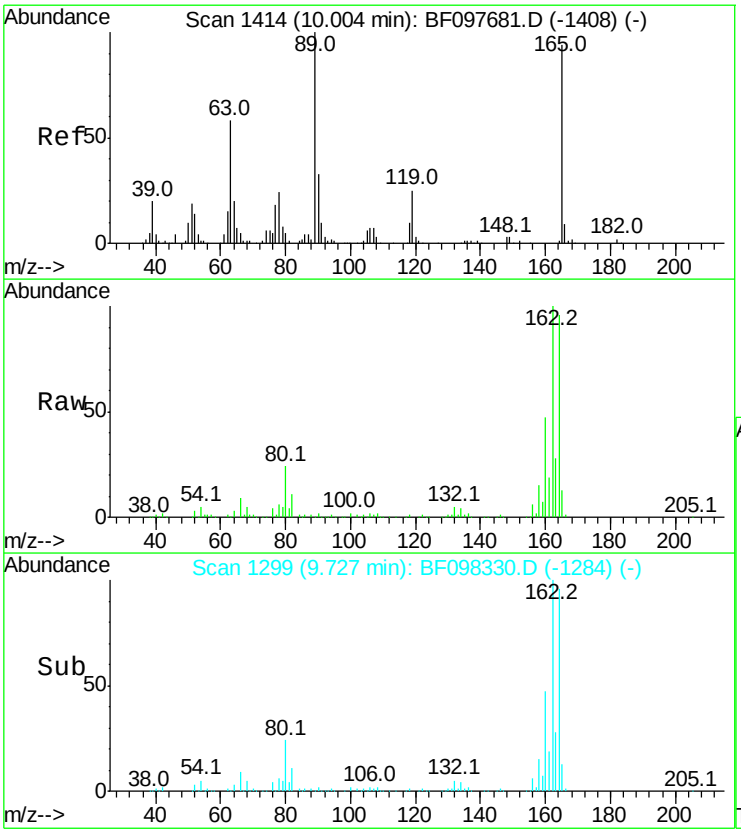
#49
Dimethylphthalate
Concen: 12.729 ng
RT: 9.44 min Scan# 1251
Delta R.T. -0.03 min
Lab File: BF098330.D
Acq: 7 Sep 2017 22:58

Instrument :
BNA_F
ClientSampleId :
G58A-2.5-5

Tgt Ion:163 Resp: 152445

Ion	Ratio	Lower	Upper
163	100		
194	3.4	2.6	4.0
164	10.5	8.4	12.6

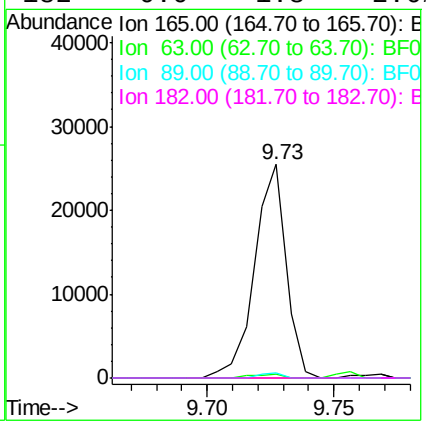


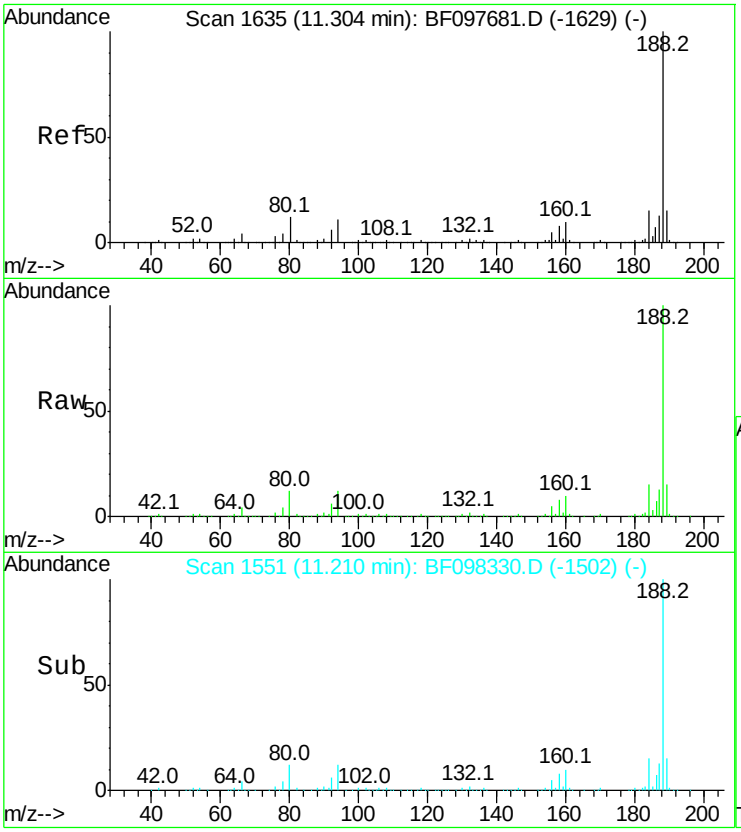


#56
2,4-Dinitrotoluene
Concen: 7.395 ng
RT: 9.73 min Scan# 1299
Delta R.T. -0.21 min
Lab File: BF098330.D
Acq: 7 Sep 2017 22:58

Tgt Ion:165 Resp: 22185

Ion	Ratio	Lower	Upper
165	100		
63	2.1	25.4	38.0#
89	2.5	46.4	69.6#
182	0.0	1.8	2.6#



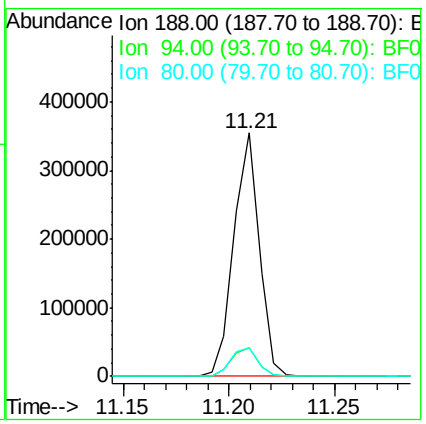


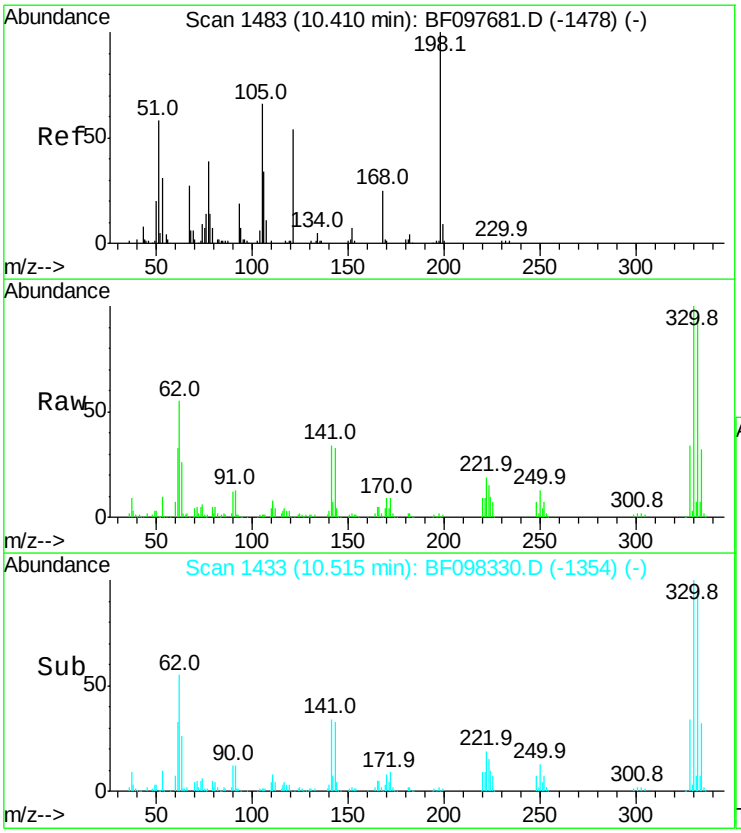
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.21 min Scan# 1551
Delta R.T. -0.01 min
Lab File: BF098330.D
Acq: 7 Sep 2017 22:58

Instrument :
BNA_F
ClientSampleId :
G58A-2.5-5

Tgt Ion:188 Resp: 294529

Ion	Ratio	Lower	Upper
188	100		
94	11.7	9.4	14.2
80	11.9	10.2	15.2

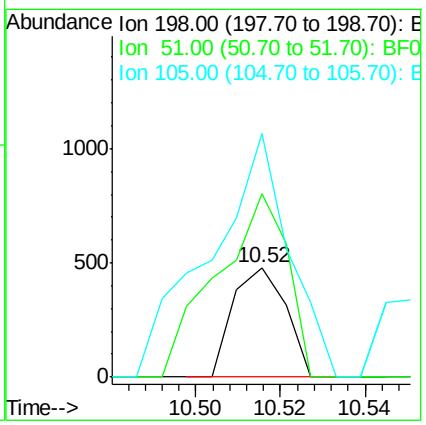


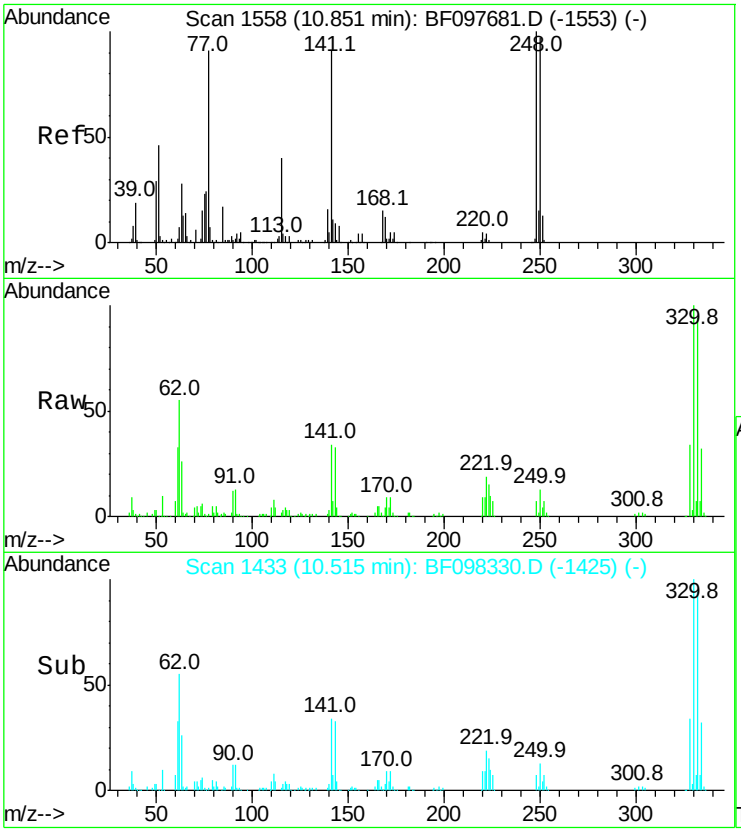


#64
4,6-Dinitro-2-methylphenol
Concen: 8.568 ng
RT: 10.52 min Scan# 1433
Delta R.T. 0.16 min
Lab File: BF098330.D
Acq: 7 Sep 2017 22:58

Tgt Ion:198 Resp: 416

Ion	Ratio	Lower	Upper
198	100		
51	167.4	53.2	93.2#
105	222.5	45.8	85.8#



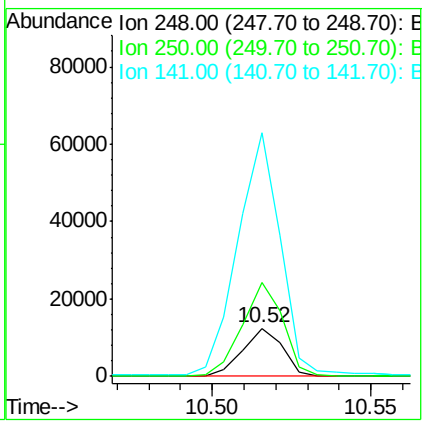


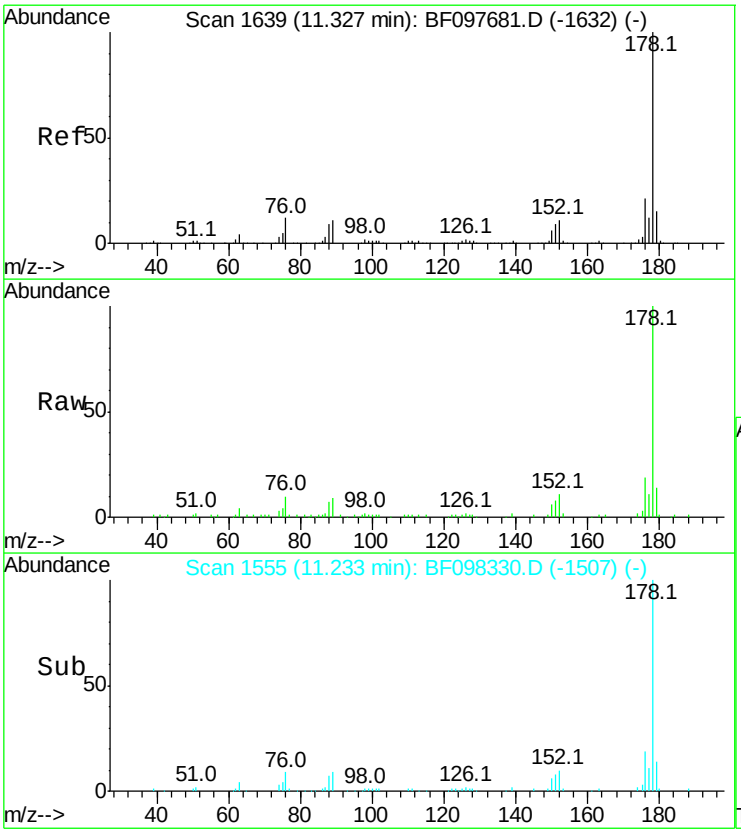
#66
4-Bromophenyl-phenylether
Concen: 3.554 ng
RT: 10.52 min Scan# 1433
Delta R.T. -0.25 min
Lab File: BF098330.D
Acq: 7 Sep 2017 22:58

Instrument :
BNA_F
ClientSampleId :
G58A-2.5-5

Tgt Ion:248 Resp: 10871

Ion	Ratio	Lower	Upper
248	100		
250	195.8	76.8	115.2#
141	506.8	68.6	103.0#

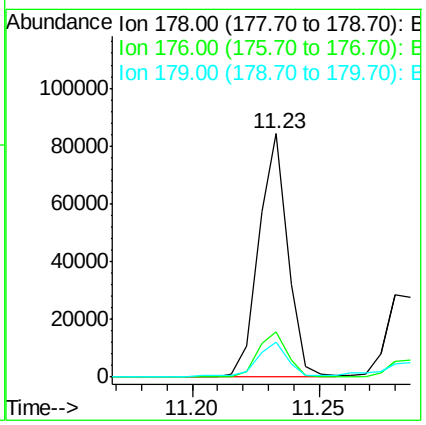


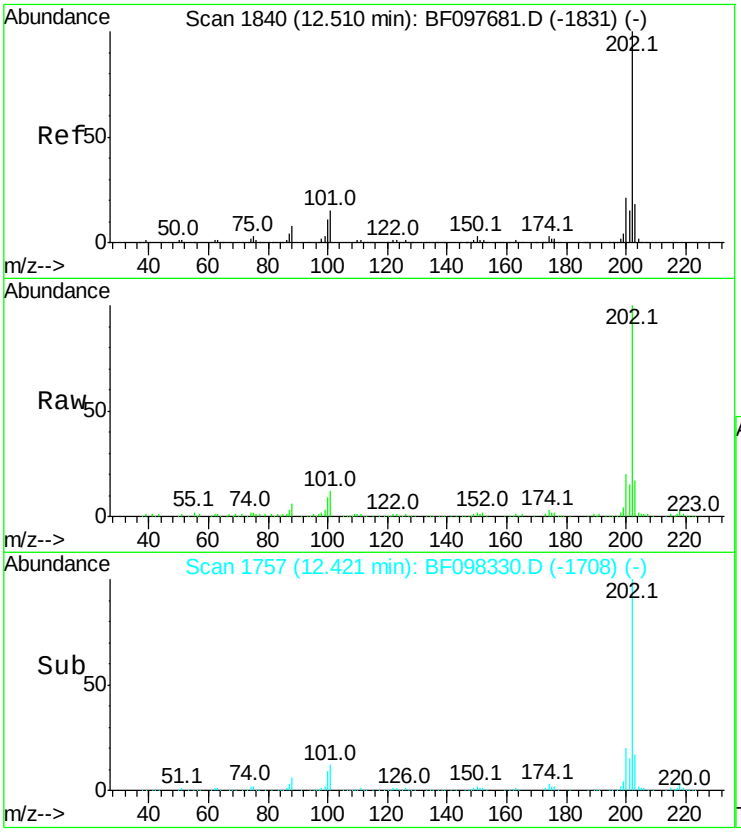


#70
Phenanthrene
Concen: 4.285 ng
RT: 11.23 min Scan# 1555
Delta R.T. -0.02 min
Lab File: BF098330.D
Acq: 7 Sep 2017 22:58

Tgt Ion:178 Resp: 67248

Ion	Ratio	Lower	Upper
178	100		
176	18.7	16.2	24.4
179	14.3	12.6	19.0



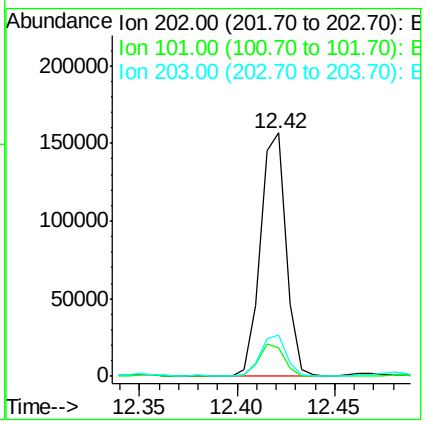


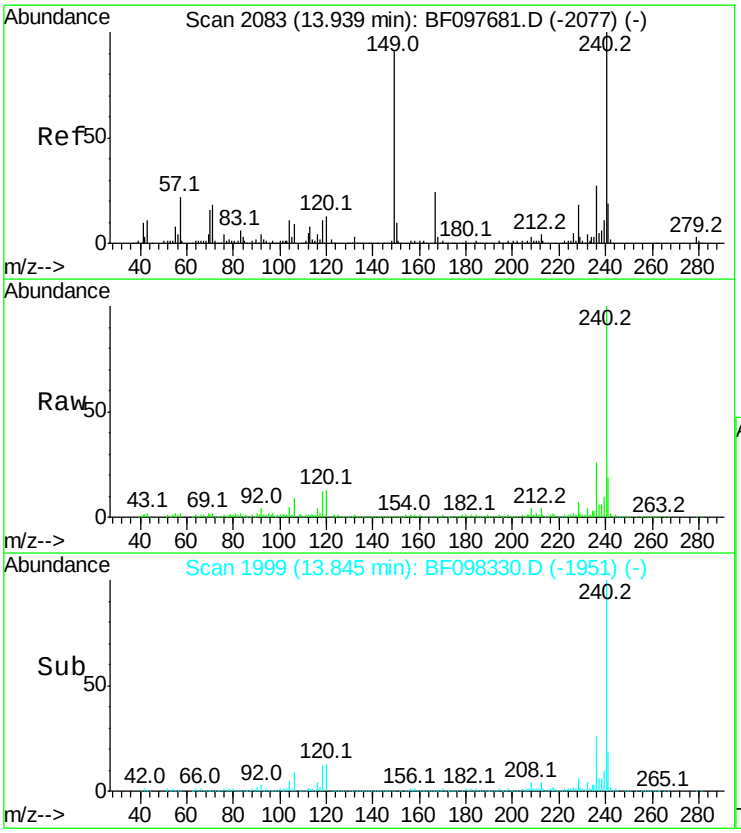
#74
Fluoranthene
Concen: 8.783 ng
RT: 12.42 min Scan# 1757
Delta R.T. -0.01 min
Lab File: BF098330.D
Acq: 7 Sep 2017 22:58

Instrument :
BNA_F
ClientSampleId :
G58A-2.5-5

Tgt Ion:202 Resp: 143883

Ion	Ratio	Lower	Upper
202	100		
101	11.7	0.0	33.2
203	17.1	0.0	38.1

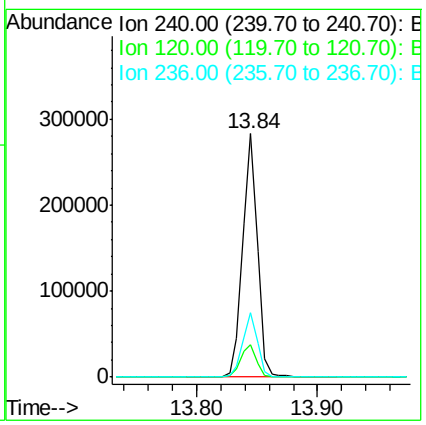


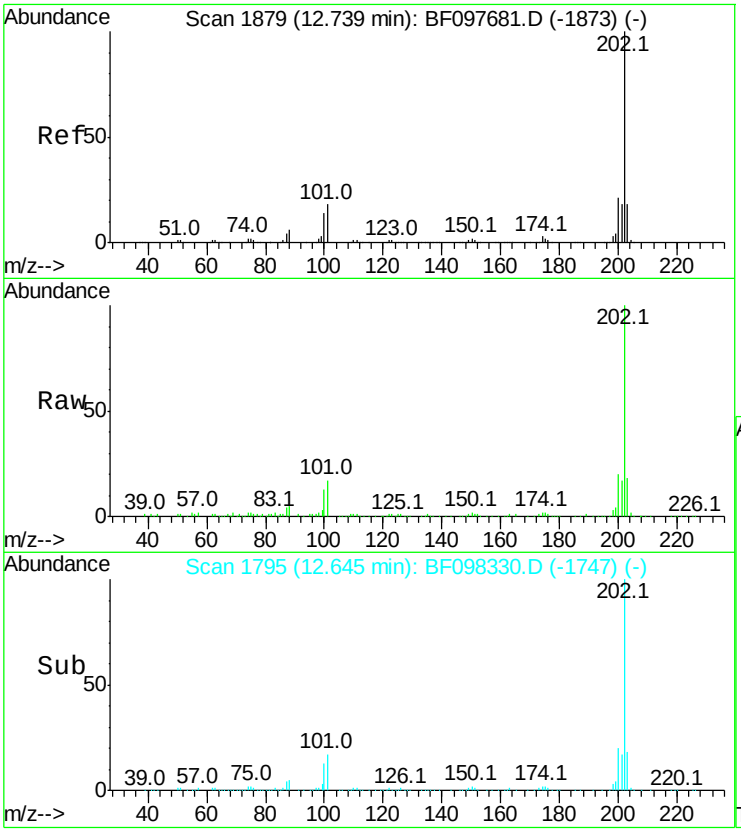


#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.84 min Scan# 1999
Delta R.T. -0.02 min
Lab File: BF098330.D
Acq: 7 Sep 2017 22:58

Tgt Ion:240 Resp: 244245

Ion	Ratio	Lower	Upper
240	100		
120	13.4	5.8	8.8#
236	26.4	20.5	30.7



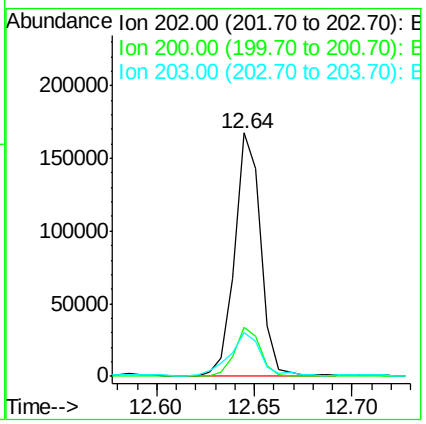


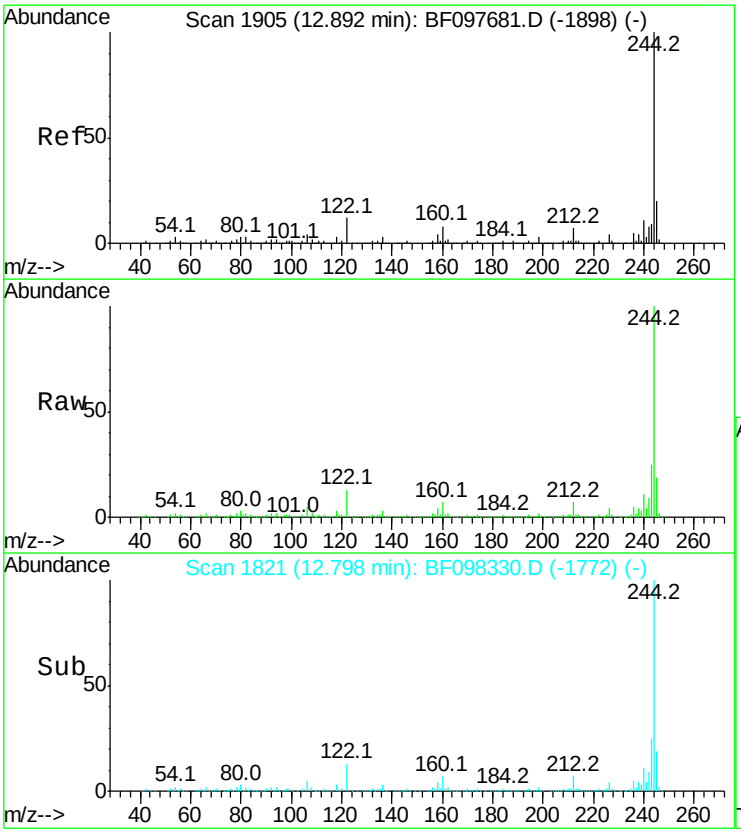
#77
Pyrene
Concen: 7.636 ng
RT: 12.64 min Scan# 1795
Delta R.T. -0.02 min
Lab File: BF098330.D
Acq: 7 Sep 2017 22:58

Instrument :
BNA_F
ClientSampleId :
G58A-2.5-5

Tgt Ion:202 Resp: 152544

Ion	Ratio	Lower	Upper
202	100		
200	20.1	17.6	26.4
203	18.0	14.4	21.6

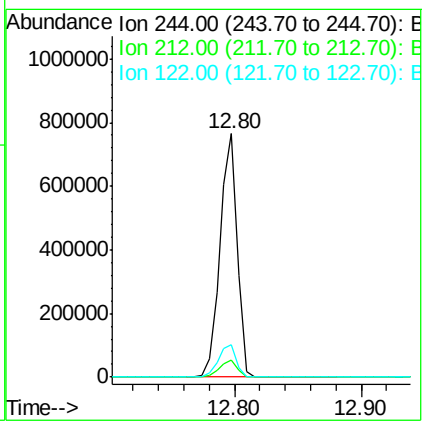


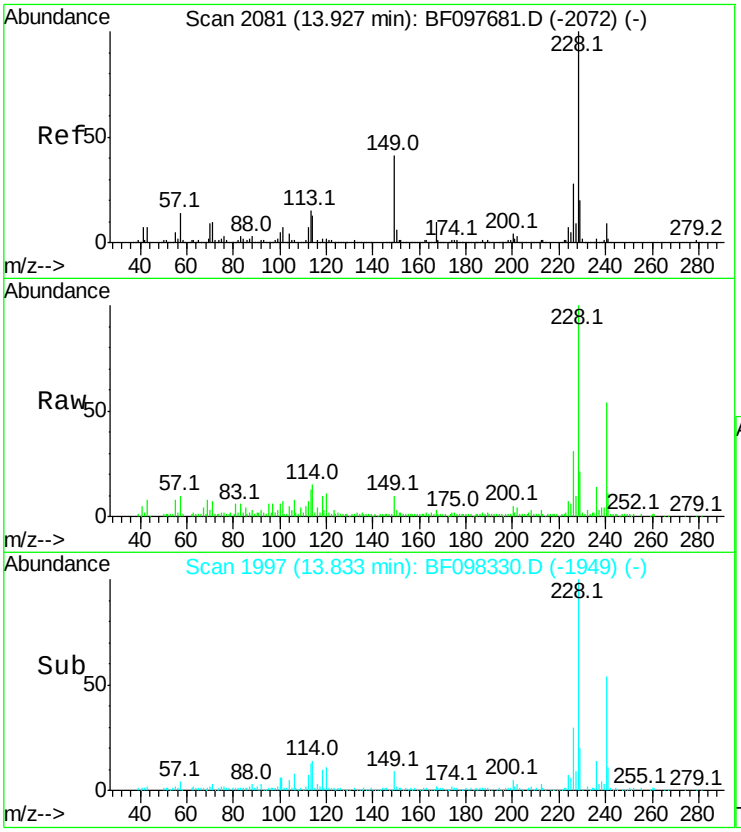


#78
Terphenyl-d14
Concen: 61.635 ng
RT: 12.80 min Scan# 1821
Delta R.T. -0.01 min
Lab File: BF098330.D
Acq: 7 Sep 2017 22:58

Tgt Ion:244 Resp: 721897

Ion	Ratio	Lower	Upper
244	100		
212	7.2	6.0	9.0
122	13.2	10.3	15.5



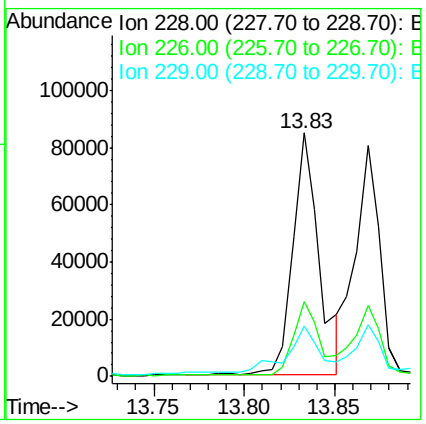


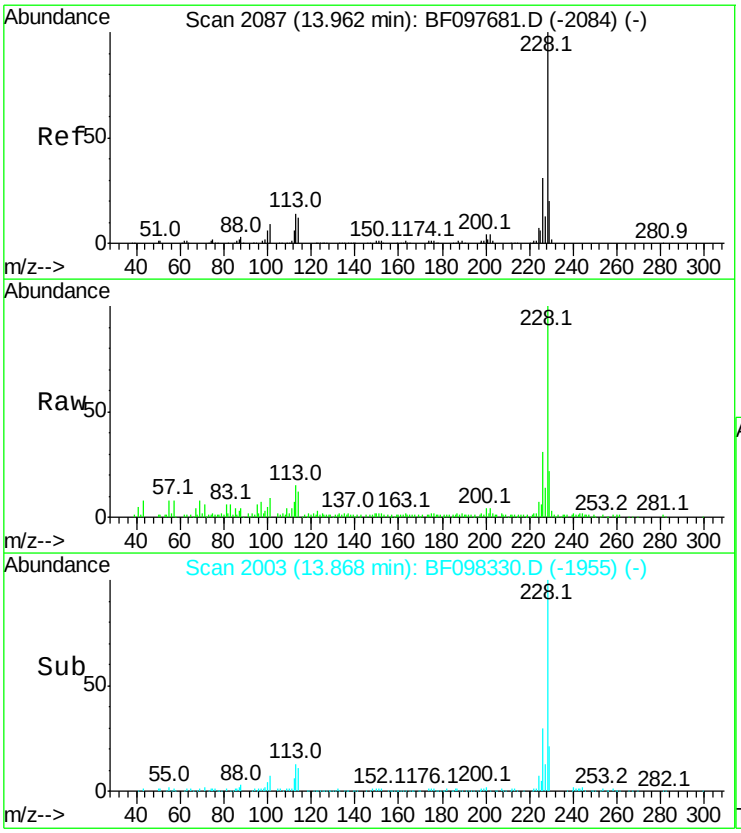
#80
Benzo(a)anthracene
Concen: 5.926 ng
RT: 13.83 min Scan# 1997
Delta R.T. -0.02 min
Lab File: BF098330.D
Acq: 7 Sep 2017 22:58

Instrument :
BNA_F
ClientSampleId :
G58A-2.5-5

Tgt Ion:228 Resp: 86755

Ion	Ratio	Lower	Upper
228	100		
226	30.8	22.6	33.8
229	20.9	16.3	24.5

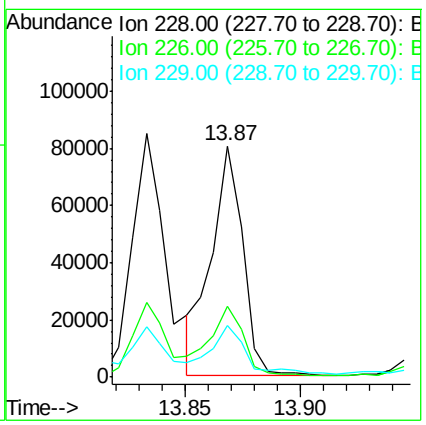


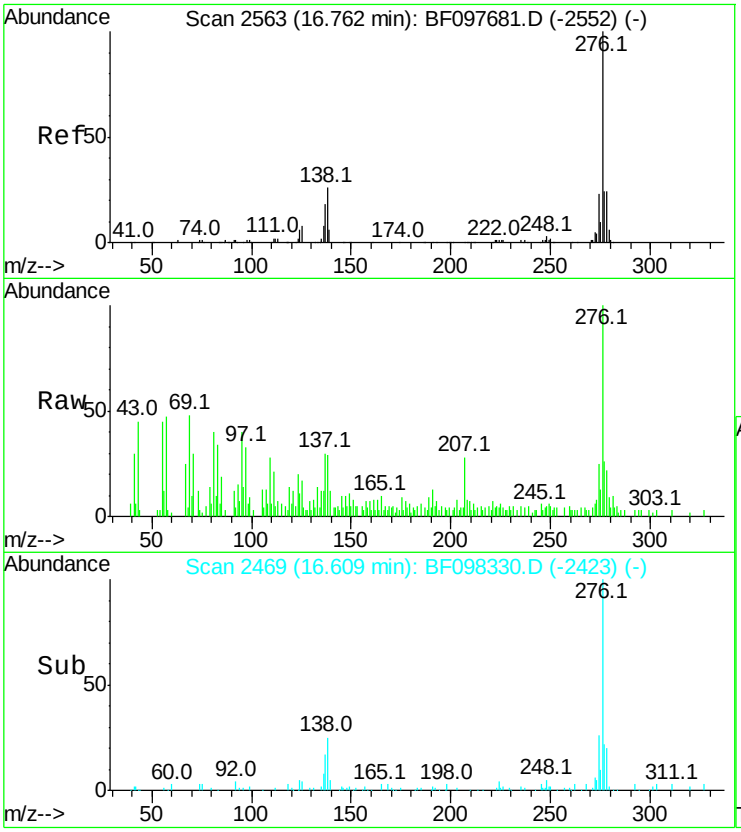


#82
Chrysene
Concen: 5.252 ng
RT: 13.87 min Scan# 2003
Delta R.T. -0.02 min
Lab File: BF098330.D
Acq: 7 Sep 2017 22:58

Tgt Ion:228 Resp: 76481

Ion	Ratio	Lower	Upper
228	100		
226	30.5	24.9	37.3
229	22.3	15.8	23.6



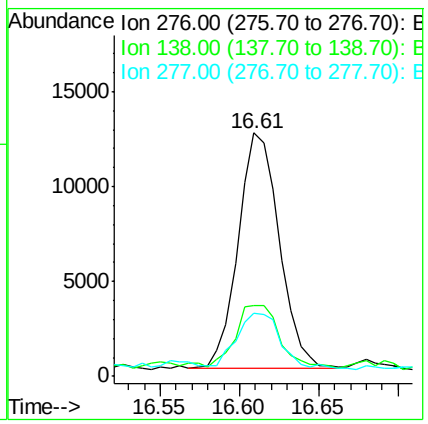


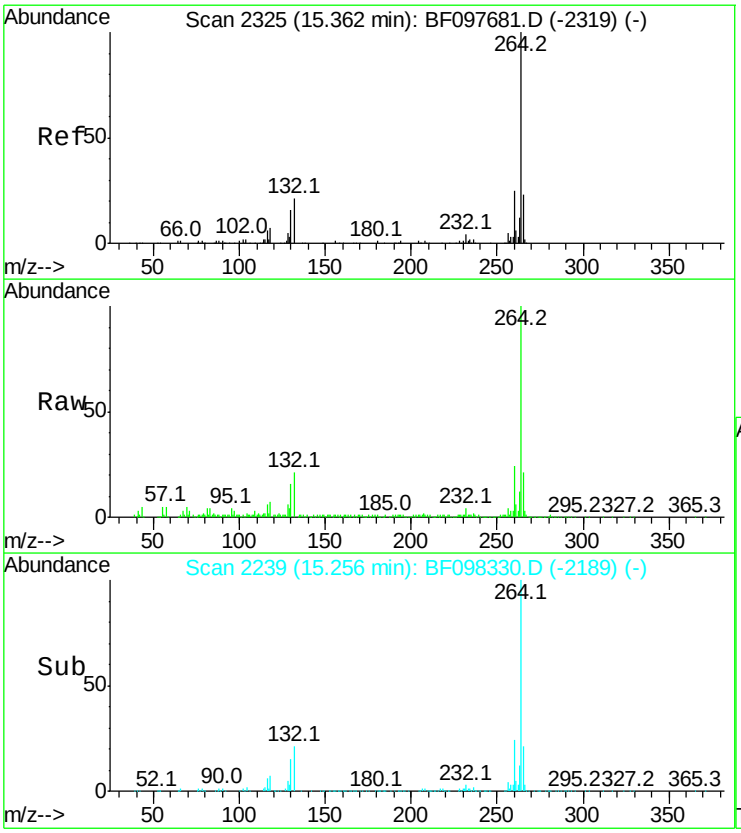
#85
Indeno(1,2,3-cd)pyrene
Concen: 2.079 ng
RT: 16.61 min Scan# 2469
Delta R.T. -0.03 min
Lab File: BF098330.D
Acq: 7 Sep 2017 22:58

Instrument :
BNA_F
ClientSampleId :
G58A-2.5-5

Tgt Ion:276 Resp: 22267

Ion	Ratio	Lower	Upper
276	100		
138	29.3	27.8	41.6
277	27.5	20.2	30.4

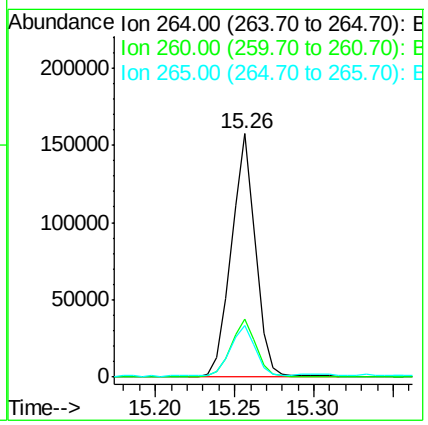


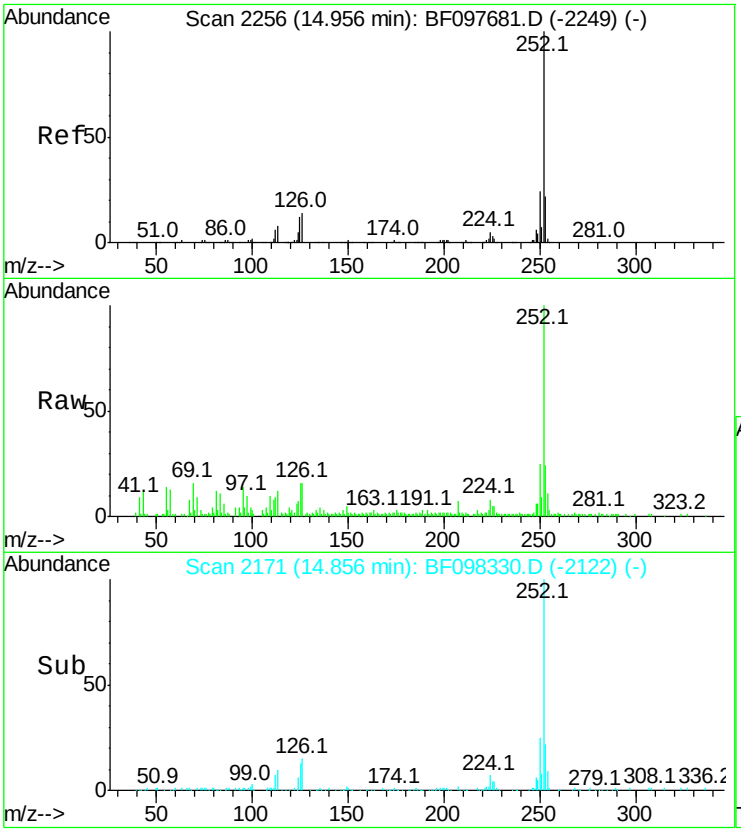


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.26 min Scan# 2239
Delta R.T. -0.01 min
Lab File: BF098330.D
Acq: 7 Sep 2017 22:58

Tgt Ion:264 Resp: 167514

Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.5	29.3
265	21.2	17.2	25.8



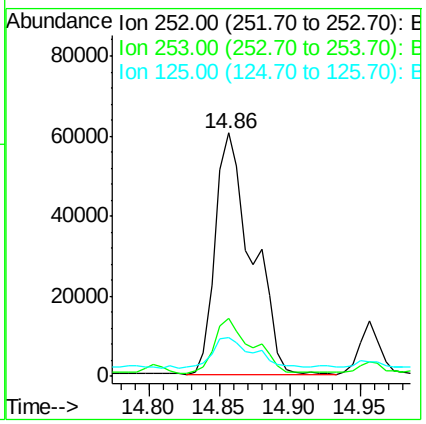


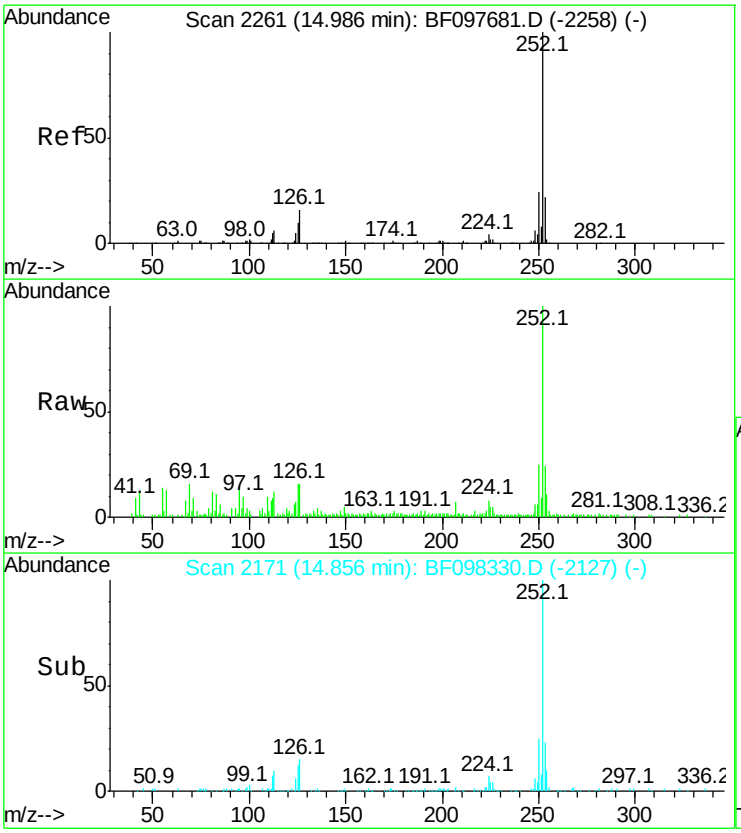
#87
Benzo(b)fluoranthene
Concen: 10.316 ng
RT: 14.86 min Scan# 2171
Delta R.T. -0.01 min
Lab File: BF098330.D
Acq: 7 Sep 2017 22:58

Instrument :
BNA_F
ClientSampleId :
G58A-2.5-5

Tgt Ion:252 Resp: 108926

Ion	Ratio	Lower	Upper
252	100		
253	24.1	18.1	27.1
125	16.1	9.8	14.8#

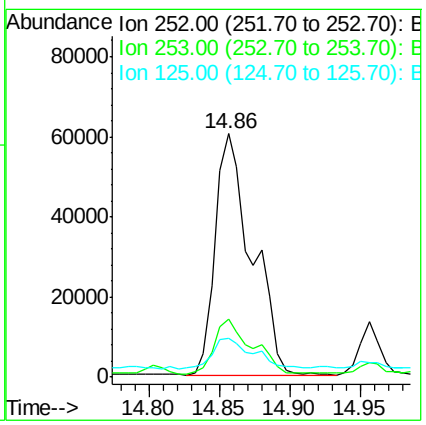


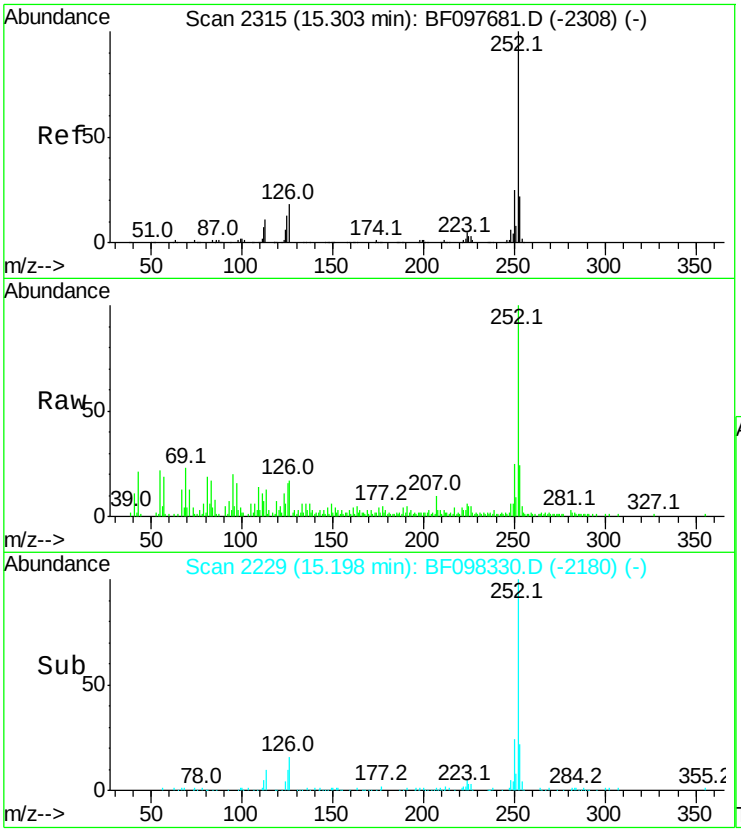


#88
Benzo(k)fluoranthene
Concen: 10.980 ng
RT: 14.86 min Scan# 2171
Delta R.T. -0.04 min
Lab File: BF098330.D
Acq: 7 Sep 2017 22:58

Tgt Ion:252 Resp: 108926

Ion	Ratio	Lower	Upper
252	100		
253	24.1	18.4	27.6
125	16.1	13.1	19.7



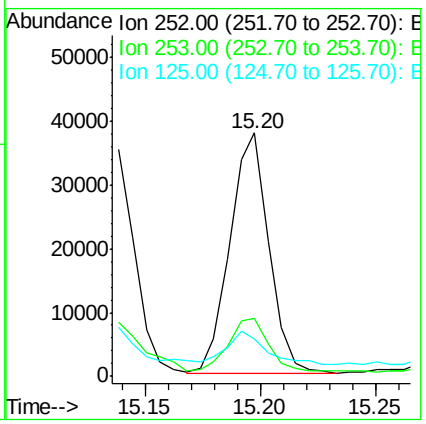


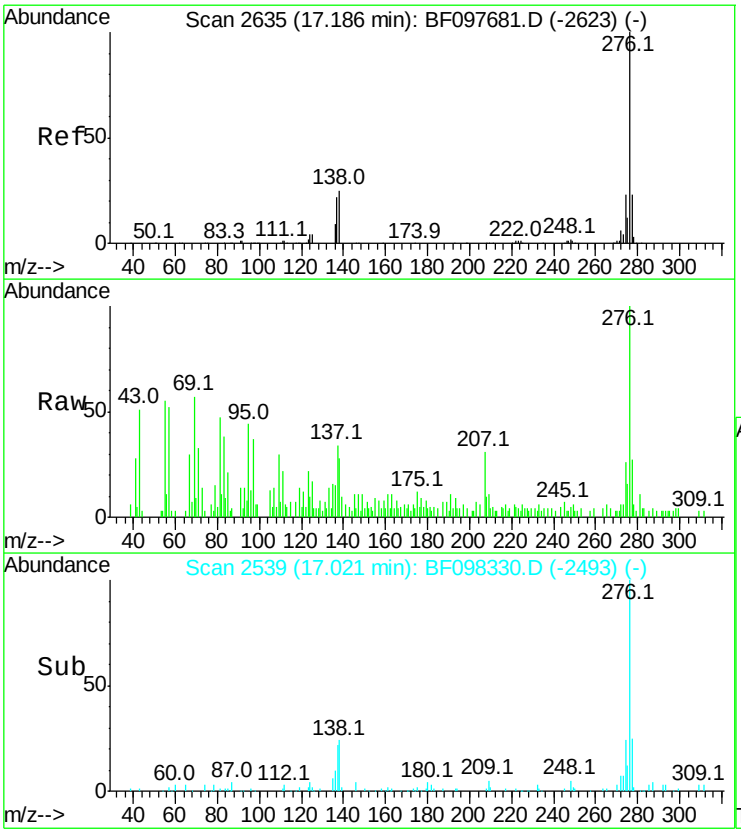
#89
Benzo(a)pyrene
Concen: 4.726 ng
RT: 15.20 min Scan# 2229
Delta R.T. -0.01 min
Lab File: BF098330.D
Acq: 7 Sep 2017 22:58

Instrument :
BNA_F
ClientSampleId :
G58A-2.5-5

Tgt Ion:252 Resp: 44179

Ion	Ratio	Lower	Upper
252	100		
253	24.0	17.5	26.3
125	15.6	11.0	16.4





#91
Benzo(g,h,i)perylene
Concen: 2.827 ng
RT: 17.02 min Scan# 2539
Delta R.T. -0.03 min
Lab File: BF098330.D
Acq: 7 Sep 2017 22:58

Tgt Ion:276 Resp: 22448

Ion	Ratio	Lower	Upper
276	100		
277	26.9	18.6	28.0
138	27.9	25.4	38.0