Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF082517\
Data File : BF098042.D
Acq On : 25 Aug 2017 20:46
Operator : SJ/JU
Sample : I4943-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OR-01-082317

Quant Time: Aug 25 23:22:13 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	6.74	152	128690	20.00	ng		-0.01
21) Naphthalene-d8	8.02	136	492994	20.00	ng		-0.01
38) Acenaphthene-d10	9.77	164	200669	20.00	ng		-0.01
63) Phenanthrene-d10	11.25	188	321049	20.00	ng		-0.01
75) Chrysene-d12	13.89	240	268589	20.00	ng		-0.01
86) Perylene-d12	15.30	264	222956	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.35	112	976078	115.37	ng		0.00
7) Phenol-d6	6.38	99	1324866	115.25	ng		0.00
23) Nitrobenzene-d5	7.30	82	814878	89.79	ng		-0.02
41) 2,4,6-Tribromophenol	10.56	330	188359	108.18	ng		-0.02
44) 2-Fluorobiphenyl	9.10	172	1132160	82.89	ng		-0.01
78) Terphenyl-d14	12.84	244	718783	55.81	ng		-0.01
Target Compounds							Qvalue
10) Phenol	6.39	94	42446	3.16	ng		99
19) n-Nitroso-di-n-propylamine	7.30	70	110790	14.08	ng	#	71
25) Isophorone	7.30	82	805875	42.71	ng	#	67
32) Benzoic acid	7.73	122	459	6.47	ng	#	72
49) Dimethylphthalate	9.49	163	174203	11.88	ng		99
56) 2,4-Dinitrotoluene	9.77	165	26071	7.10	ng	#	34
64) 4,6-Dinitro-2-methylphenol	10.56	198	446	8.56	ng	#	1
66) 4-Bromophenyl-phenylether	10.56	248	13220	3.97	ng	#	1
70) Phenanthrene	11.27	178	58443	3.42	ng		98
74) Fluoranthene	12.46	202	71898	4.03	ng		99
77) Pyrene	12.69	202	76153	3.47	ng		96
82) Chrysene	13.91	228	33320	2.08	ng	#	90
87) Benzo(b)fluoranthene	14.90	252	43753	3.11	ng	#	71
88) Benzo(k)fluoranthene	14.90	252	43753	3.31	ng	#	76

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF082517\
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Acq On : 25 Aug 2017 20:46
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Misc :
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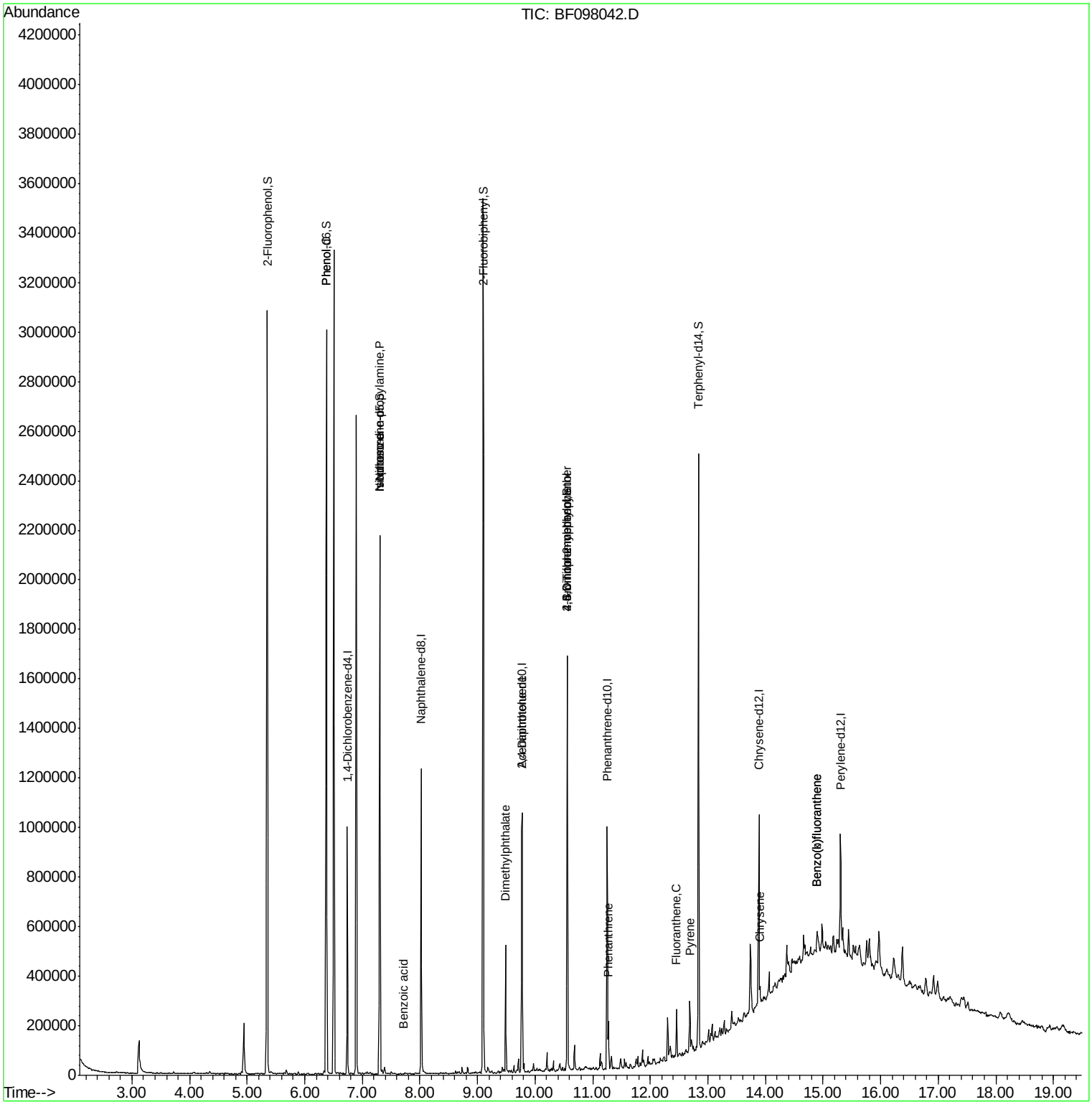
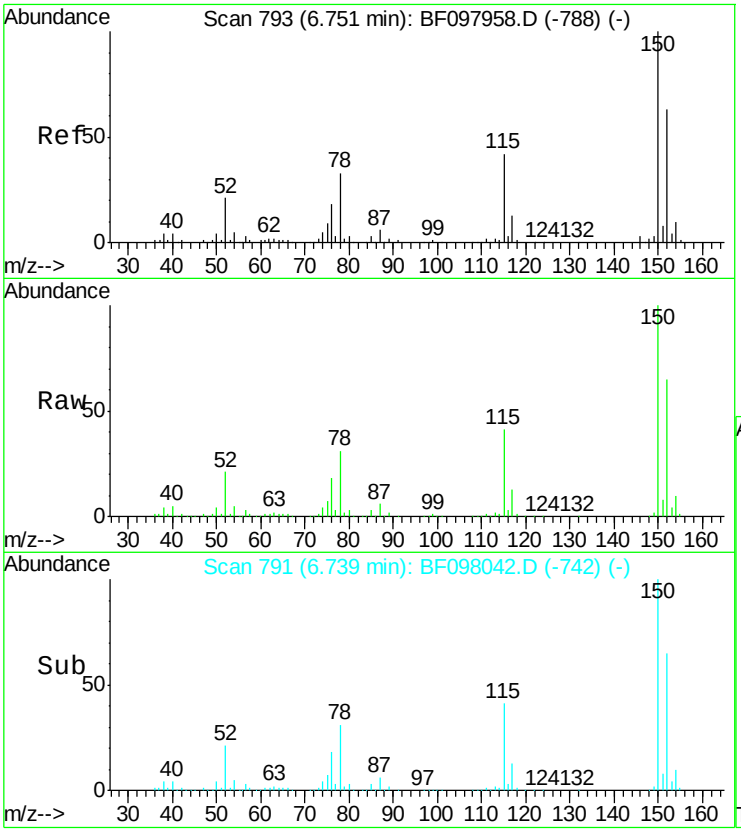


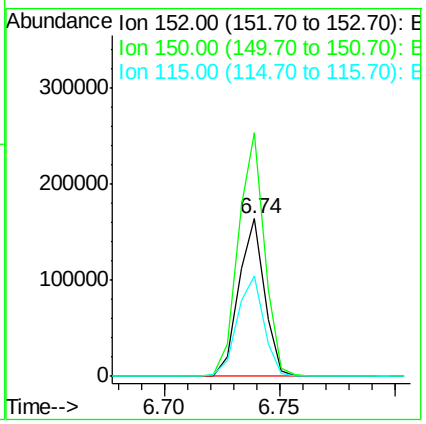


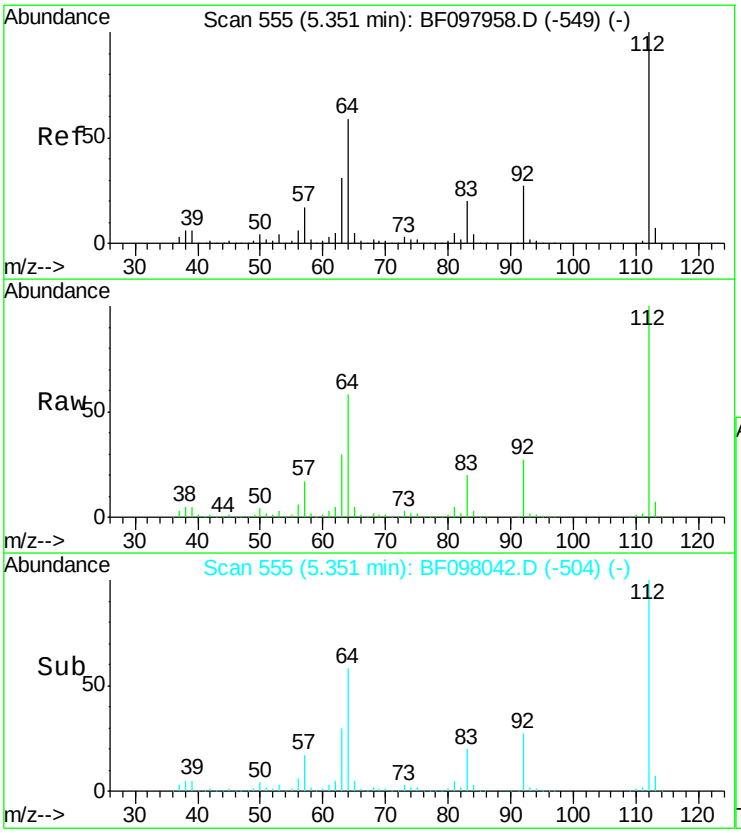
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.74 min Scan# 791
Delta R.T. -0.01 min
Lab File: BF098042.D
Acq: 25 Aug 2017 20:46

Instrument :
BNA_F
ClientSampleId :
OR-01-082317

Tgt Ion:152 Resp: 128690

Ion	Ratio	Lower	Upper
152	100		
150	154.4	126.2	189.2
115	63.9	52.2	78.2

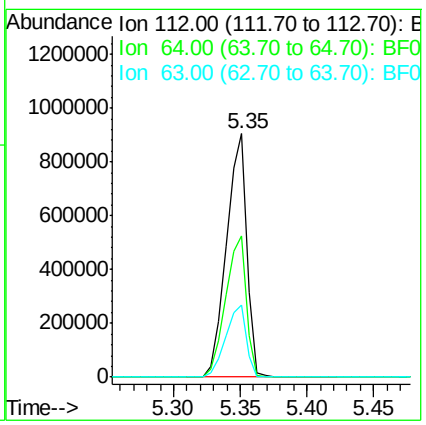


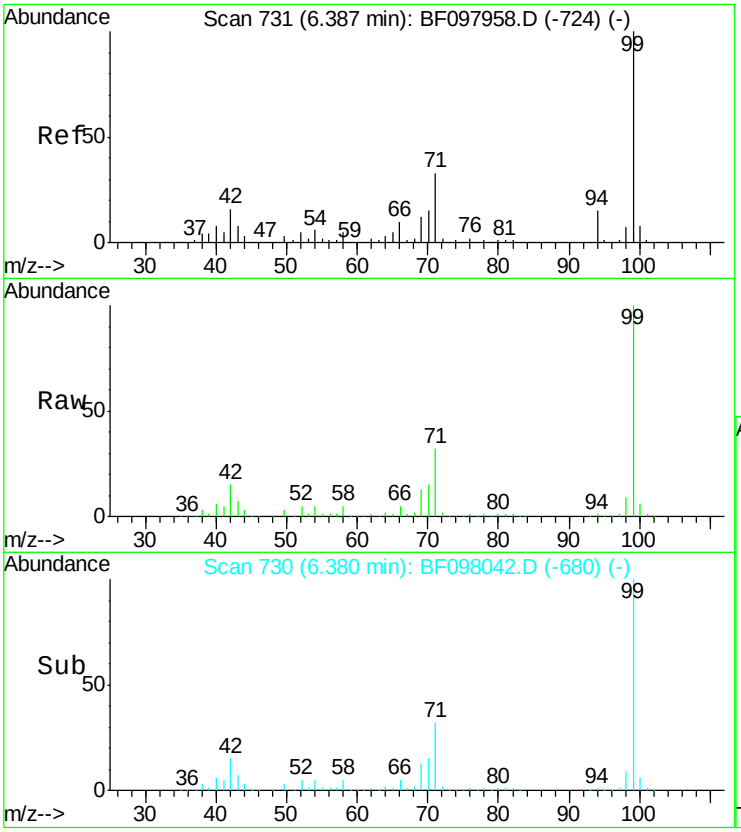


#5
2-Fluorophenol
Concen: 115.37 ng
RT: 5.35 min Scan# 555
Delta R.T. -0.00 min
Lab File: BF098042.D
Acq: 25 Aug 2017 20:46

Tgt Ion:112 Resp: 976078

Ion	Ratio	Lower	Upper
112	100		
64	57.9	46.0	69.0
63	29.7	23.4	35.0



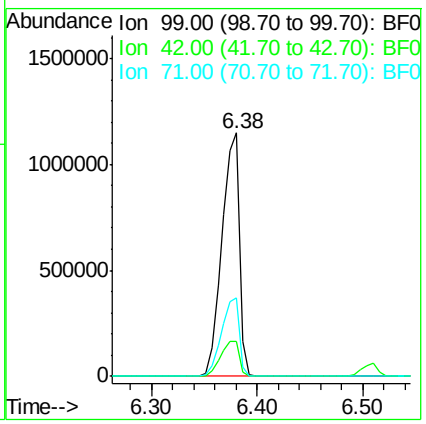


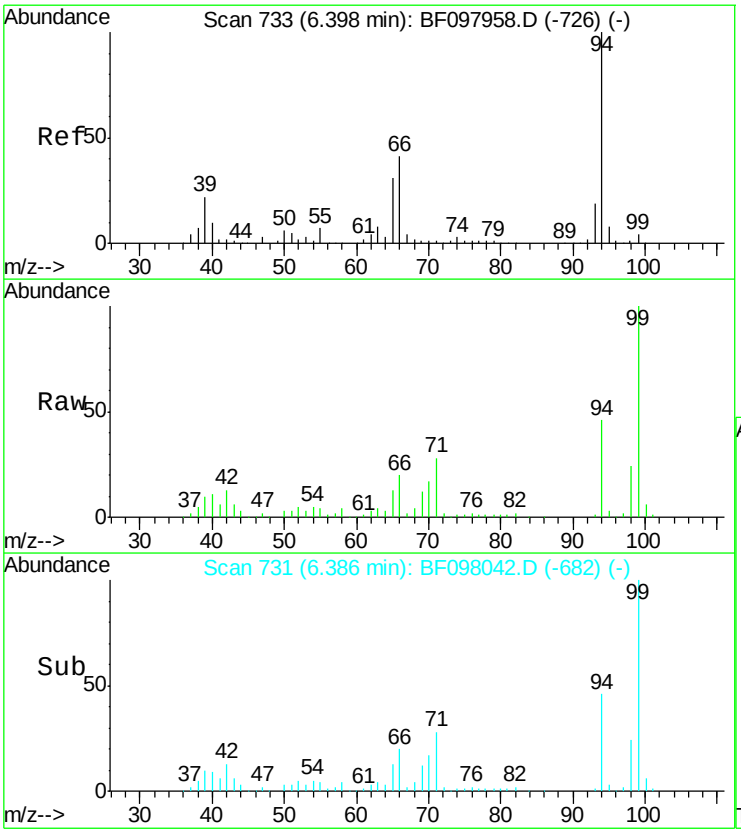
#7
Phenol-d6
Concen: 115.25 ng
RT: 6.38 min Scan# 730
Delta R.T. -0.01 min
Lab File: BF098042.D
Acq: 25 Aug 2017 20:46

Instrument :
BNA_F
ClientSampleId :
OR-01-082317

Tgt Ion: 99 Resp: 1324866

Ion	Ratio	Lower	Upper
99	100		
42	14.6	13.5	20.3
71	32.0	24.5	36.7

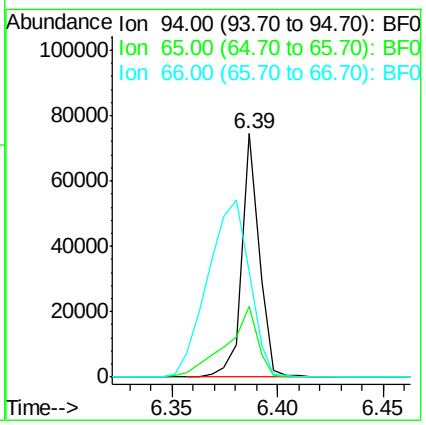


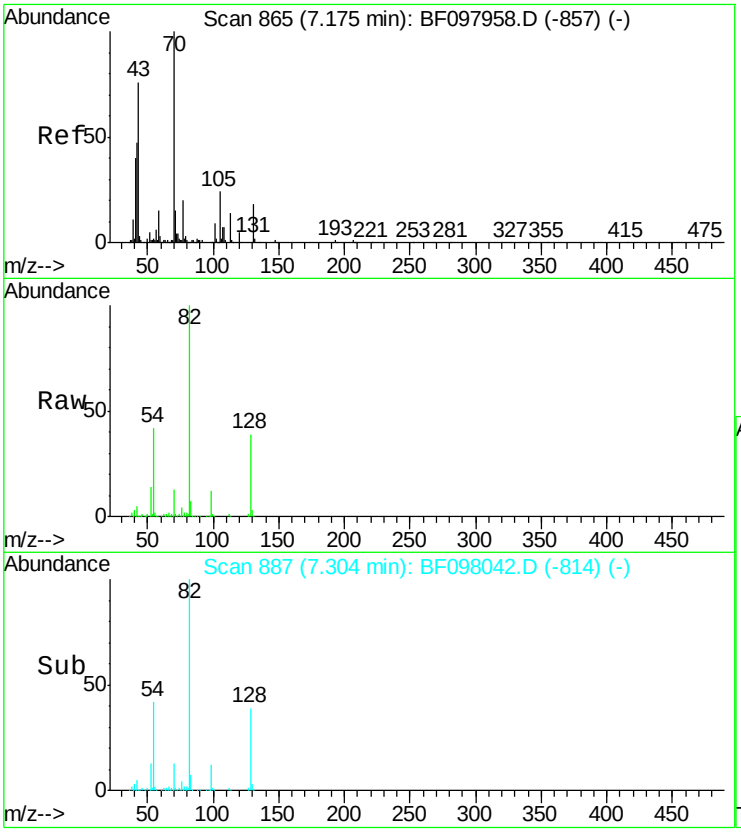


#10
Phenol
Concen: 3.16 ng
RT: 6.39 min Scan# 731
Delta R.T. -0.01 min
Lab File: BF098042.D
Acq: 25 Aug 2017 20:46

Tgt Ion: 94 Resp: 42446

Ion	Ratio	Lower	Upper
94	100		
65	29.1	9.9	49.9
66	43.3	23.1	63.1



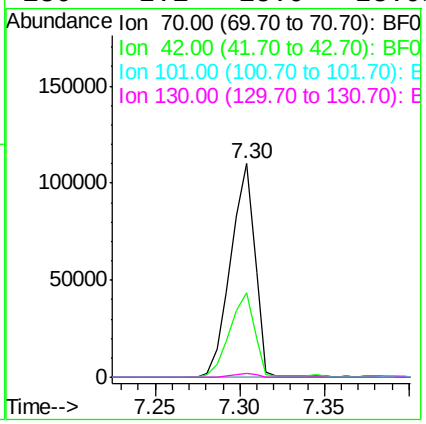


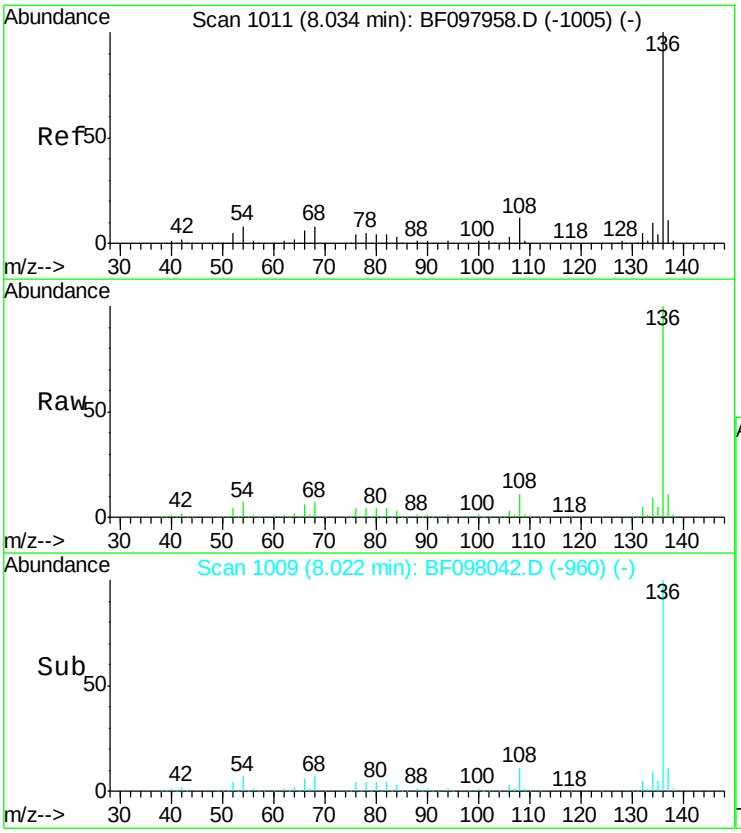
#19
n-Nitroso-di-n-propylamine
Concen: 14.08 ng
RT: 7.30 min Scan# 887
Delta R.T. 0.13 min
Lab File: BF098042.D
Acq: 25 Aug 2017 20:46

Instrument :
BNA_F
ClientSampleId :
OR-01-082317

Tgt Ion: 70 Resp: 110790

Ion	Ratio	Lower	Upper
70	100		
42	39.3	47.2	70.8#
101	0.0	7.2	10.8#
130	2.1	15.9	23.9#

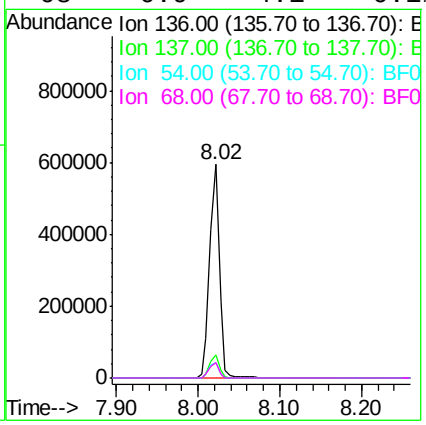


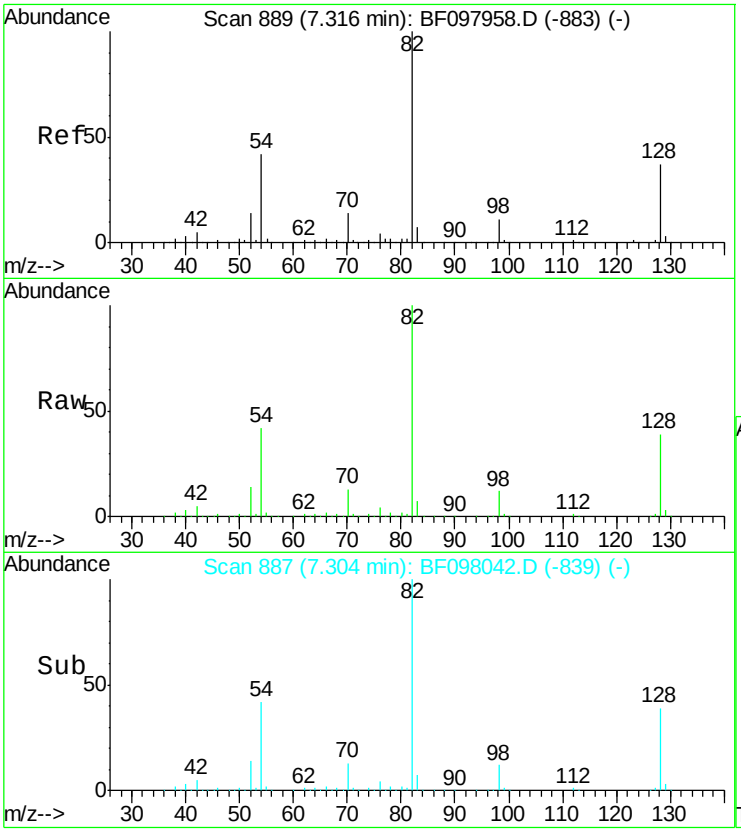


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.02 min Scan# 1009
Delta R.T. -0.01 min
Lab File: BF098042.D
Acq: 25 Aug 2017 20:46

Tgt Ion:136 Resp: 492994

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.5	12.7
54	7.2	4.9	7.3
68	6.9	4.1	6.1#



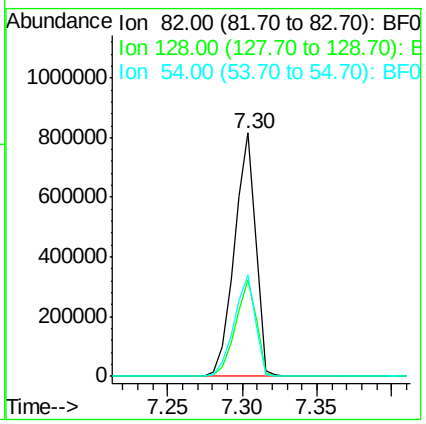


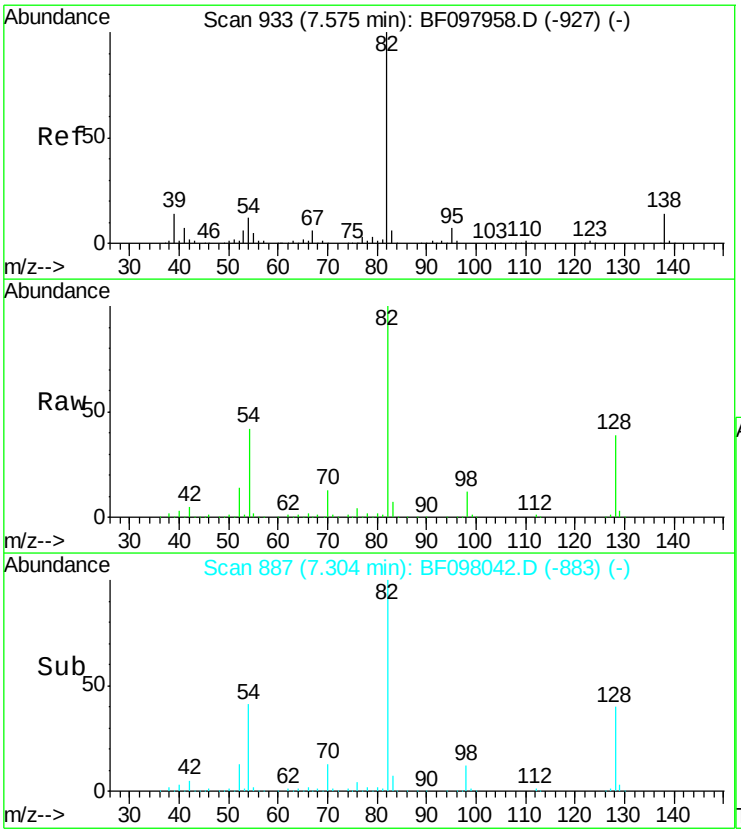
#23
Nitrobenzene-d5
Concen: 89.79 ng
RT: 7.30 min Scan# 887
Delta R.T. -0.02 min
Lab File: BF098042.D
Acq: 25 Aug 2017 20:46

Instrument :
BNA_F
ClientSampleId :
OR-01-082317

Tgt Ion: 82 Resp: 814878

Ion	Ratio	Lower	Upper
82	100		
128	39.4	34.0	51.0
54	41.6	42.2	63.2#

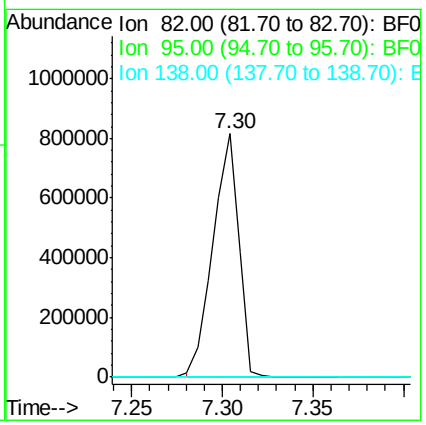


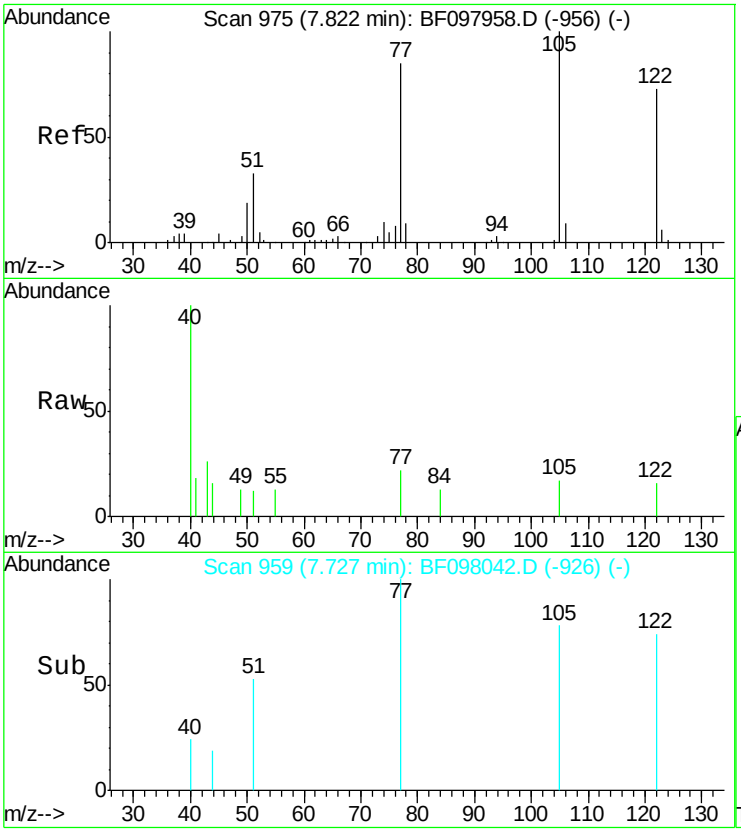


#25
Isophorone
Concen: 42.71 ng
RT: 7.30 min Scan# 887
Delta R.T. -0.28 min
Lab File: BF098042.D
Acq: 25 Aug 2017 20:46

Tgt Ion: 82 Resp: 805875

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



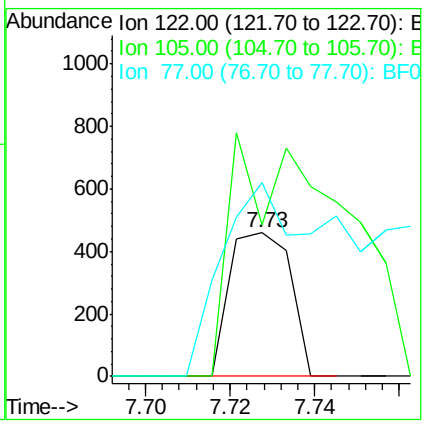


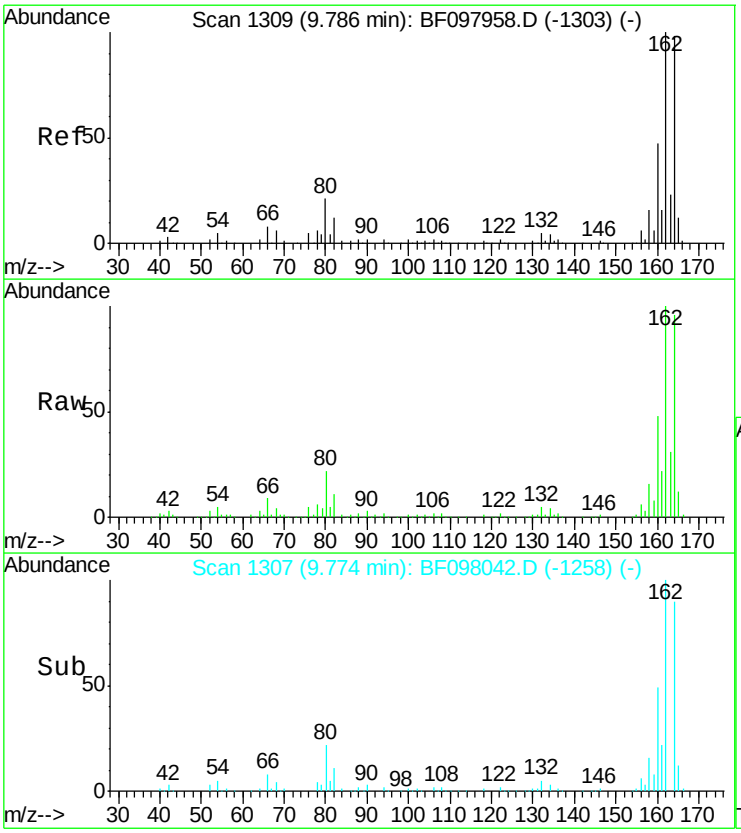
#32
Benzoic acid
Concen: 6.47 ng
RT: 7.73 min Scan# 959
Delta R.T. -0.11 min
Lab File: BF098042.D
Acq: 25 Aug 2017 20:46

Instrument :
BNA_F
ClientSampleId :
OR-01-082317

Tgt Ion:122 Resp: 459

Ion	Ratio	Lower	Upper
122	100		
105	105.4	103.3	143.3
77	135.3	73.7	113.7#

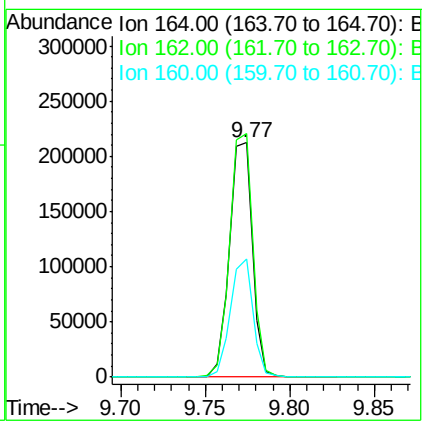


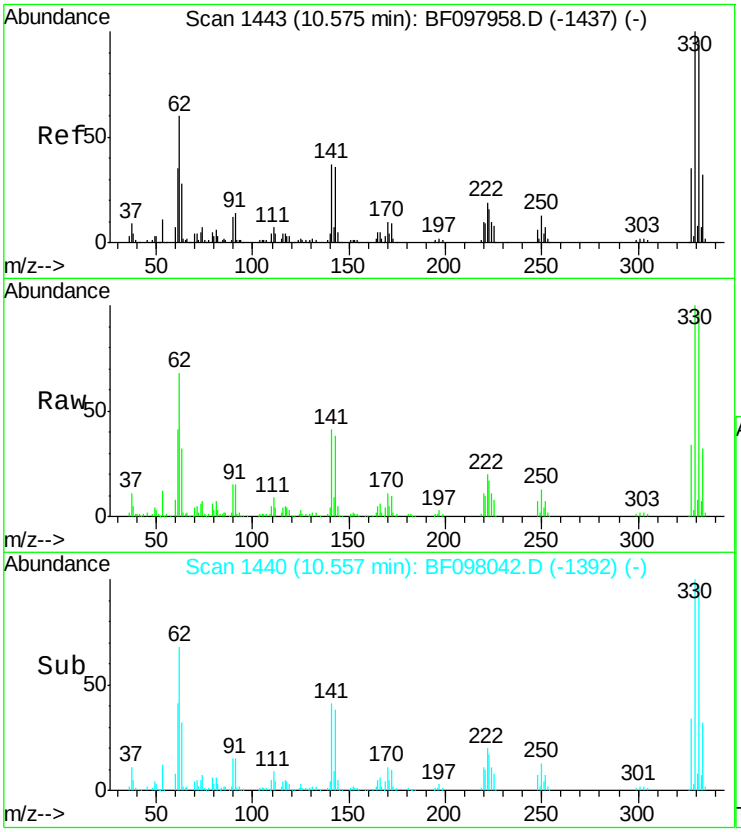


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.77 min Scan# 1307
Delta R.T. -0.01 min
Lab File: BF098042.D
Acq: 25 Aug 2017 20:46

Tgt Ion:164 Resp: 200669

Ion	Ratio	Lower	Upper
164	100		
162	103.8	82.6	123.8
160	50.4	36.2	54.2



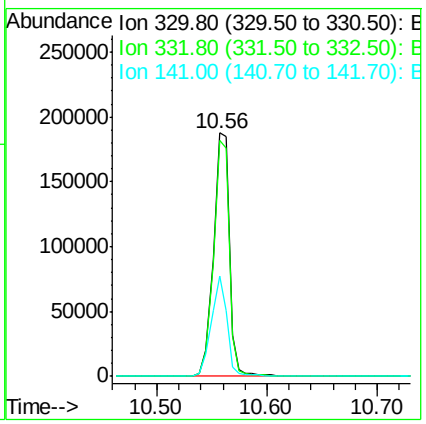


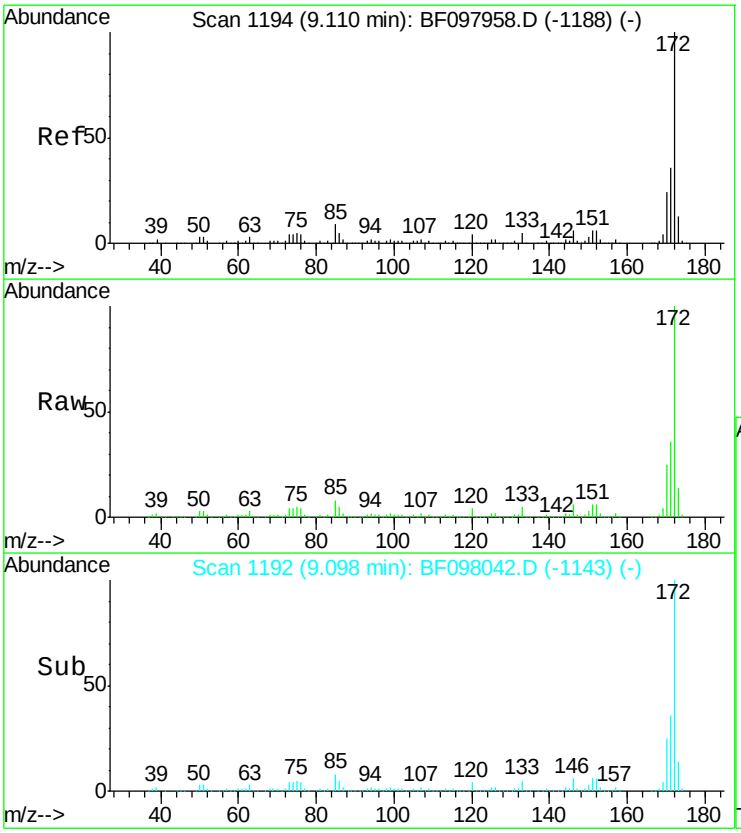
#41
2,4,6-Tribromophenol
Concen: 108.18 ng
RT: 10.56 min Scan# 1440
Delta R.T. -0.02 min
Lab File: BF098042.D
Acq: 25 Aug 2017 20:46

Instrument :
BNA_F
ClientSampleId :
OR-01-082317

Tgt Ion:330 Resp: 188359

Ion	Ratio	Lower	Upper
330	100		
332	95.9	76.6	115.0
141	40.0	31.4	47.2

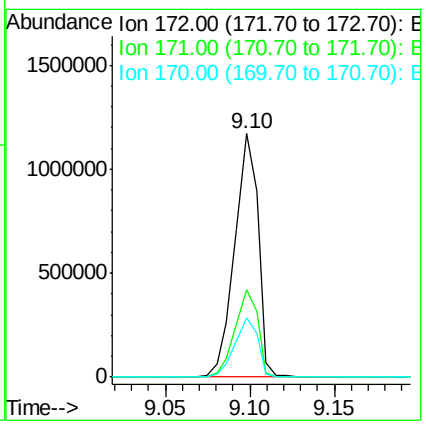


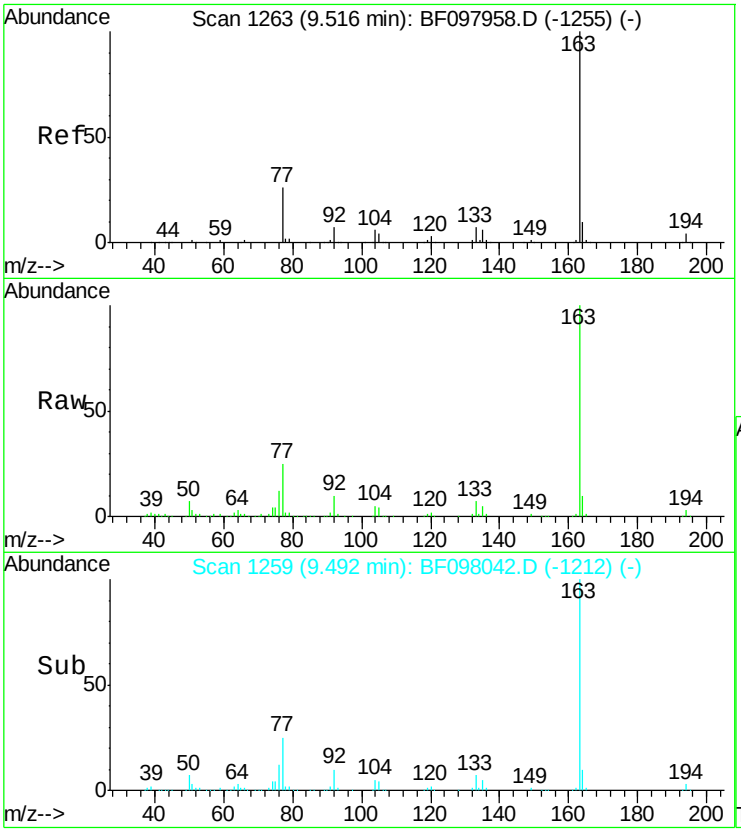


#44
2-Fluorobiphenyl
Concen: 82.89 ng
RT: 9.10 min Scan# 1192
Delta R.T. -0.01 min
Lab File: BF098042.D
Acq: 25 Aug 2017 20:46

Tgt Ion:172 Resp: 1132160

Ion	Ratio	Lower	Upper
172	100		
171	35.8	29.6	44.4
170	24.5	19.8	29.8



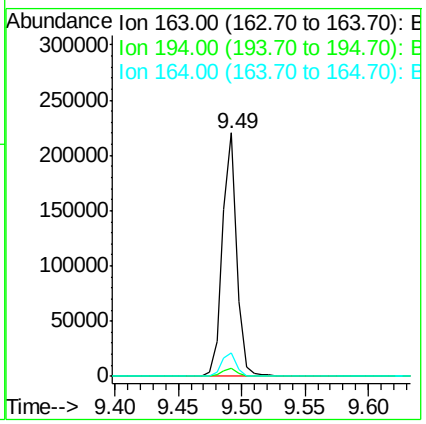


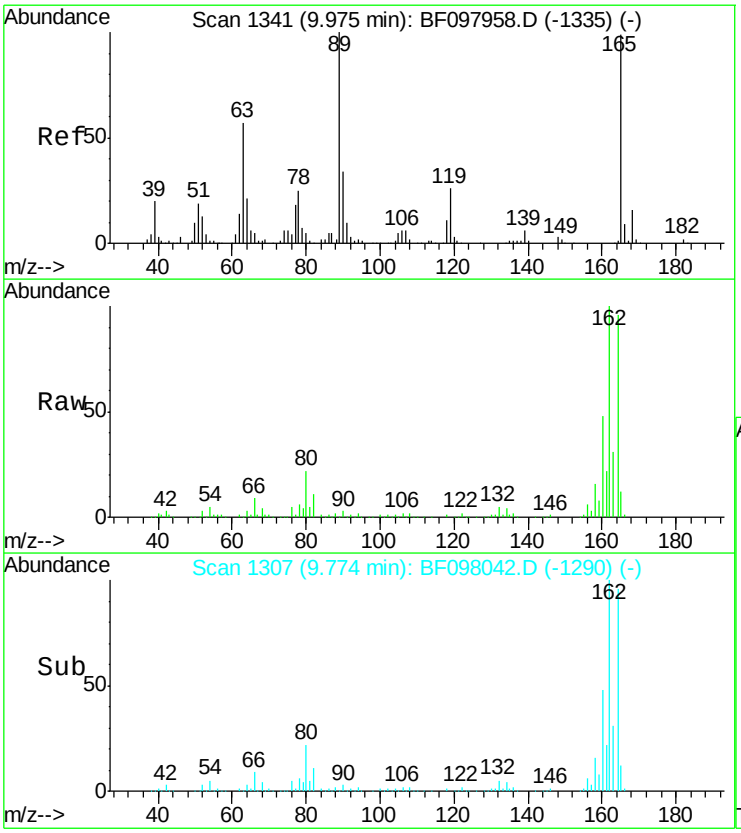
#49
Dimethylphthalate
Concen: 11.88 ng
RT: 9.49 min Scan# 1259
Delta R.T. -0.02 min
Lab File: BF098042.D
Acq: 25 Aug 2017 20:46

Instrument :
BNA_F
ClientSampleId :
OR-01-082317

Tgt Ion:163 Resp: 174203

Ion	Ratio	Lower	Upper
163	100		
194	3.4	2.6	4.0
164	9.9	8.4	12.6

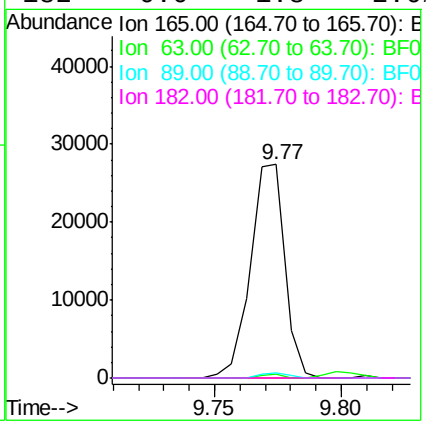


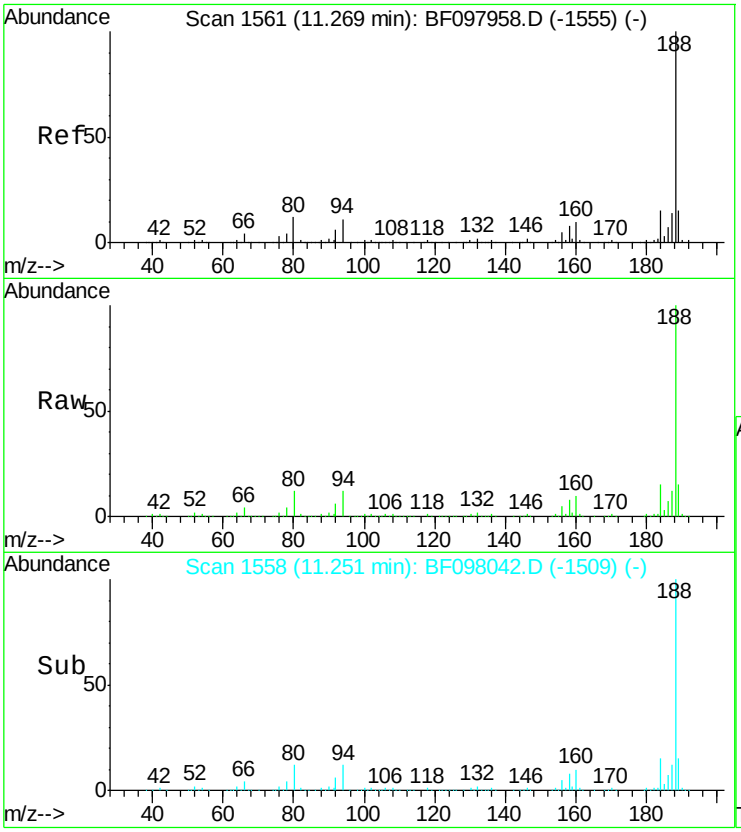


#56
2,4-Dinitrotoluene
Concen: 7.10 ng
RT: 9.77 min Scan# 1307
Delta R.T. -0.20 min
Lab File: BF098042.D
Acq: 25 Aug 2017 20:46

Tgt Ion:165 Resp: 26071

Ion	Ratio	Lower	Upper
165	100		
63	2.0	25.4	38.0#
89	2.4	46.4	69.6#
182	0.0	1.8	2.6#



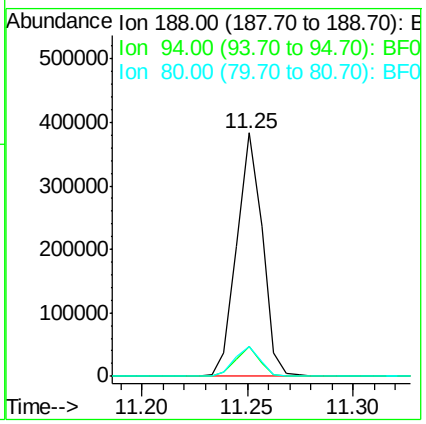


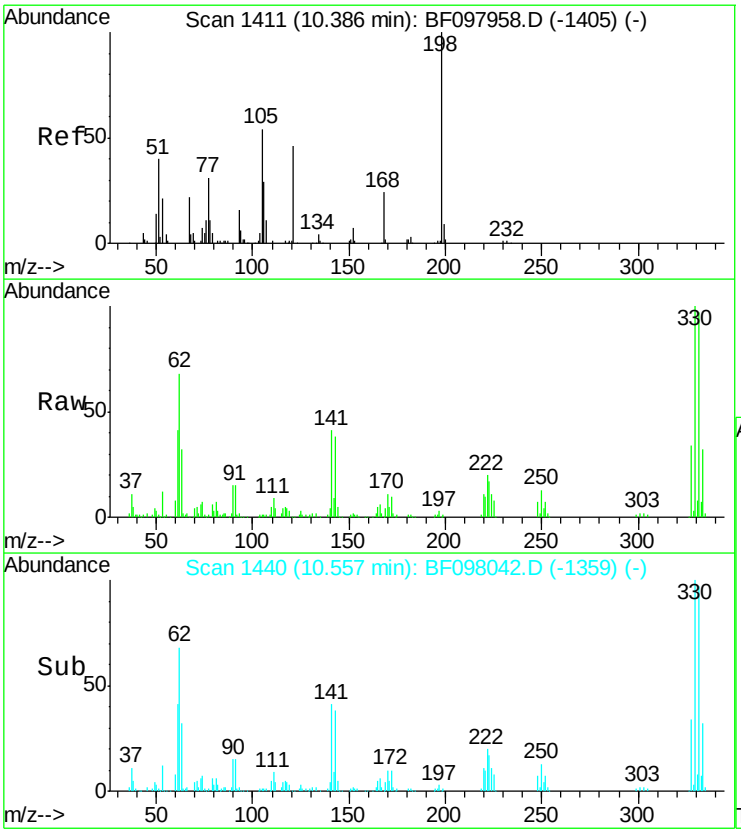
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.25 min Scan# 1558
Delta R.T. -0.01 min
Lab File: BF098042.D
Acq: 25 Aug 2017 20:46

Instrument :
BNA_F
ClientSampleId :
OR-01-082317

Tgt Ion:188 Resp: 321049

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

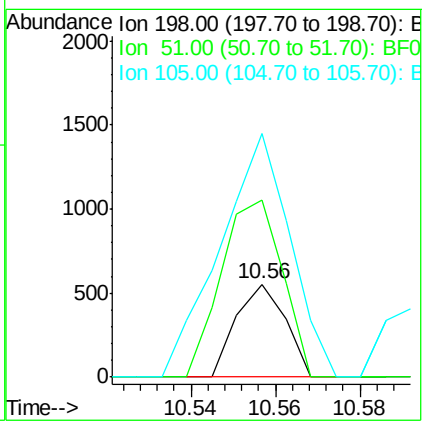


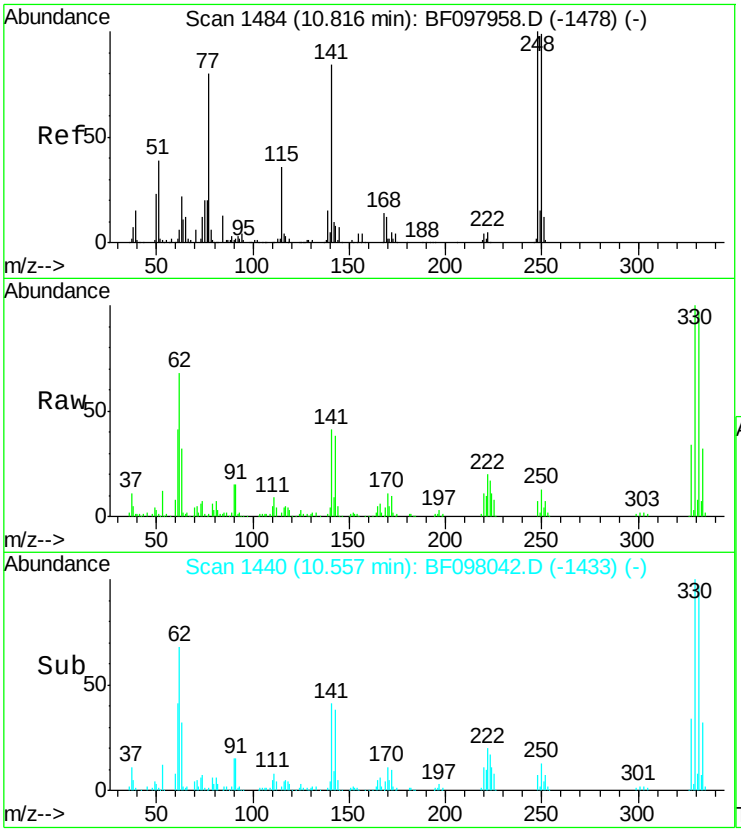


#64
4,6-Dinitro-2-methylphenol
Concen: 8.56 ng
RT: 10.56 min Scan# 1440
Delta R.T. 0.18 min
Lab File: BF098042.D
Acq: 25 Aug 2017 20:46

Tgt Ion:198 Resp: 446

Ion	Ratio	Lower	Upper
198	100		
51	190.6	53.2	93.2#
105	261.6	45.8	85.8#



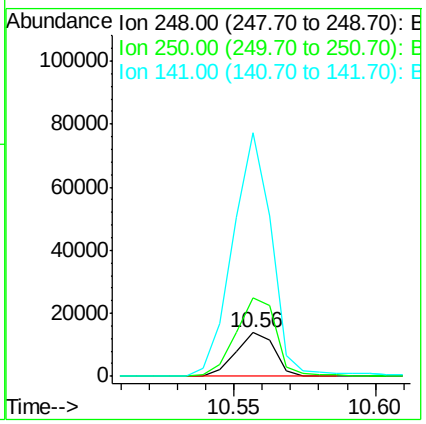


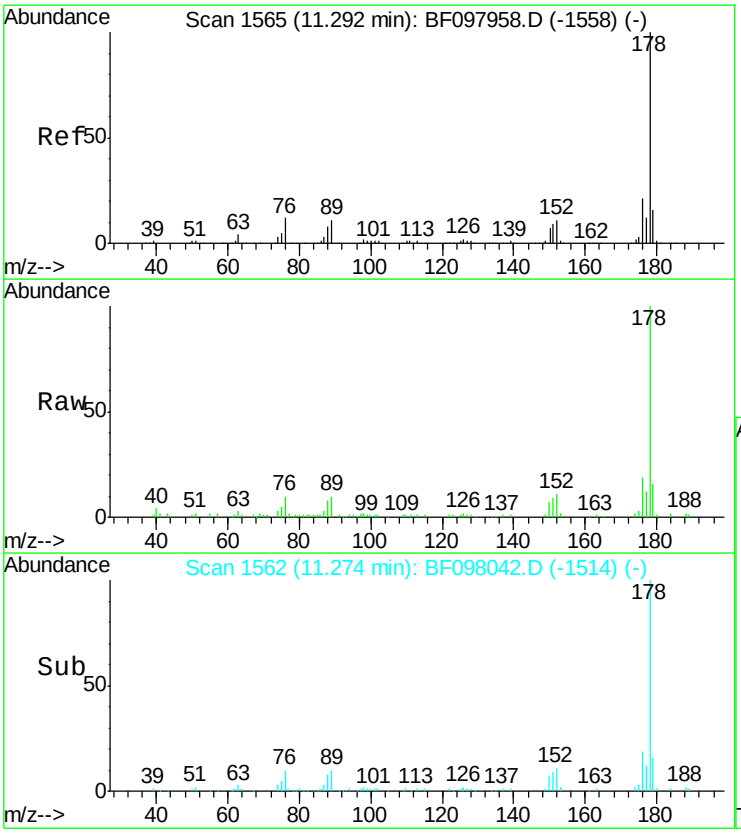
#66
4-Bromophenyl-phenylether
Concen: 3.97 ng
RT: 10.56 min Scan# 1440
Delta R.T. -0.26 min
Lab File: BF098042.D
Acq: 25 Aug 2017 20:46

Instrument :
BNA_F
ClientSampleId :
OR-01-082317

Tgt Ion:248 Resp: 13220

Ion	Ratio	Lower	Upper
248	100		
250	180.3	76.8	115.2#
141	558.4	68.6	103.0#

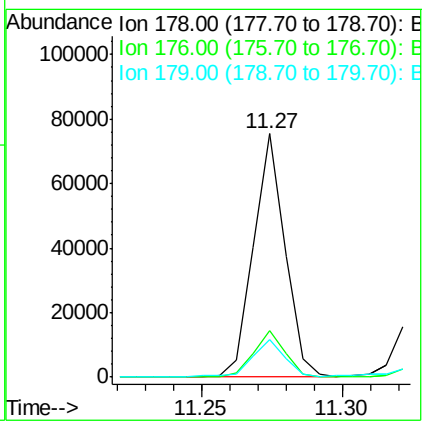


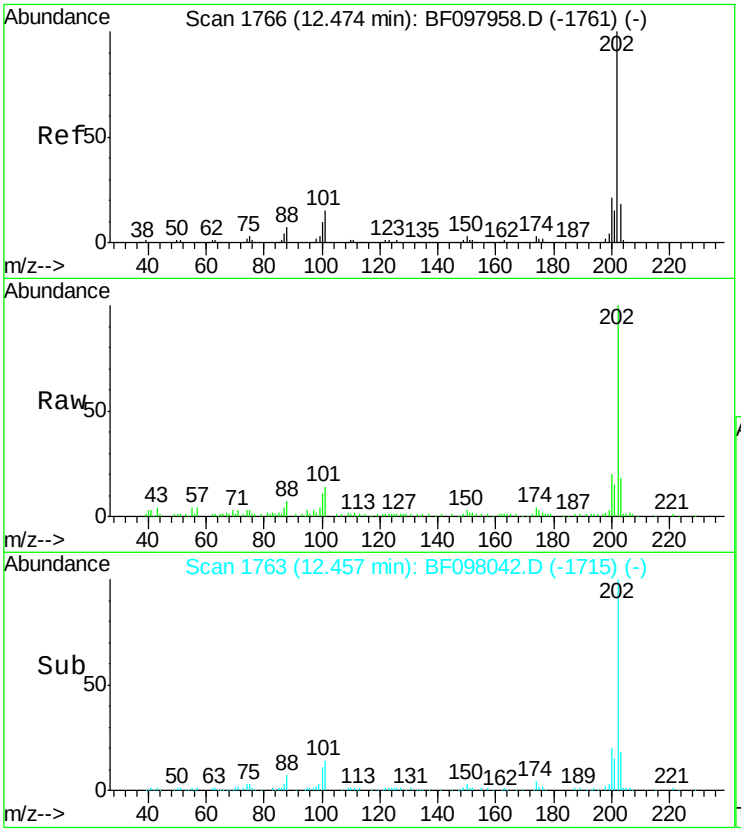


#70
Phenanthrene
Concen: 3.42 ng
RT: 11.27 min Scan# 1562
Delta R.T. -0.02 min
Lab File: BF098042.D
Acq: 25 Aug 2017 20:46

Tgt Ion:178 Resp: 58443

Ion	Ratio	Lower	Upper
178	100		
176	18.8	16.2	24.4
179	15.5	12.6	19.0



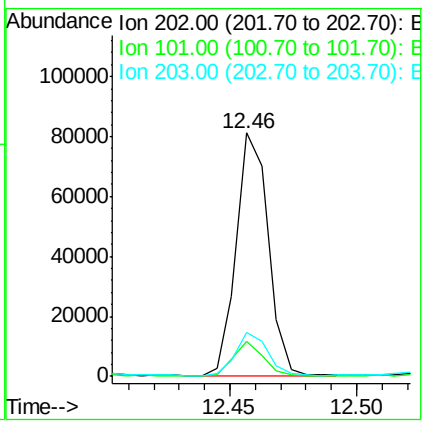


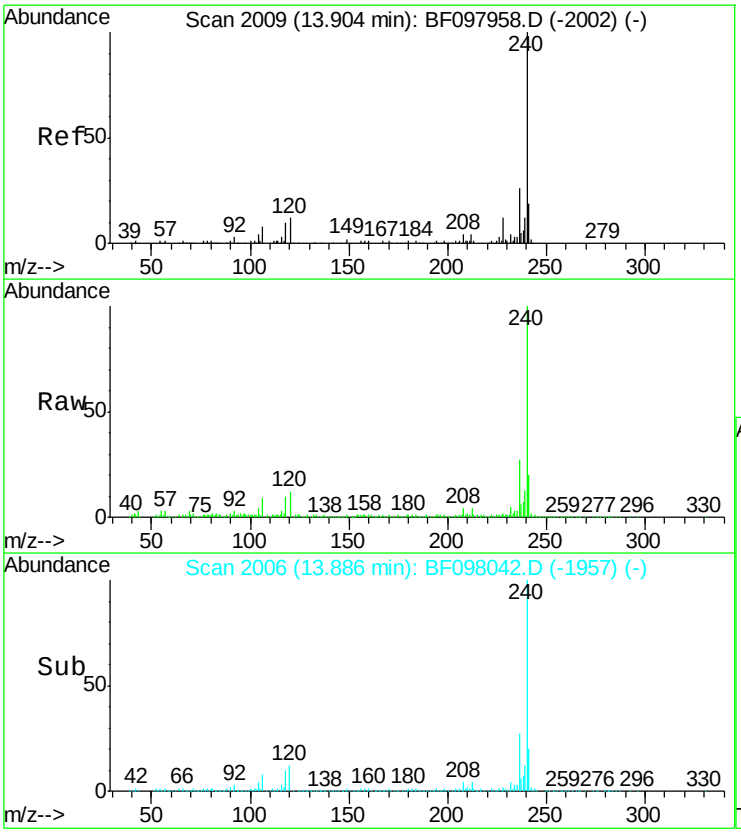
#74
Fluoranthene
Concen: 4.03 ng
RT: 12.46 min Scan# 1763
Delta R.T. -0.02 min
Lab File: BF098042.D
Acq: 25 Aug 2017 20:46

Instrument :
BNA_F
ClientSampleId :
OR-01-082317

Tgt Ion:202 Resp: 71898

Ion	Ratio	Lower	Upper
202	100		
101	14.2	0.0	33.2
203	18.3	0.0	38.1

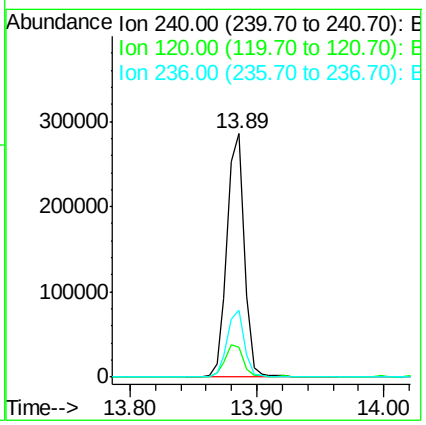


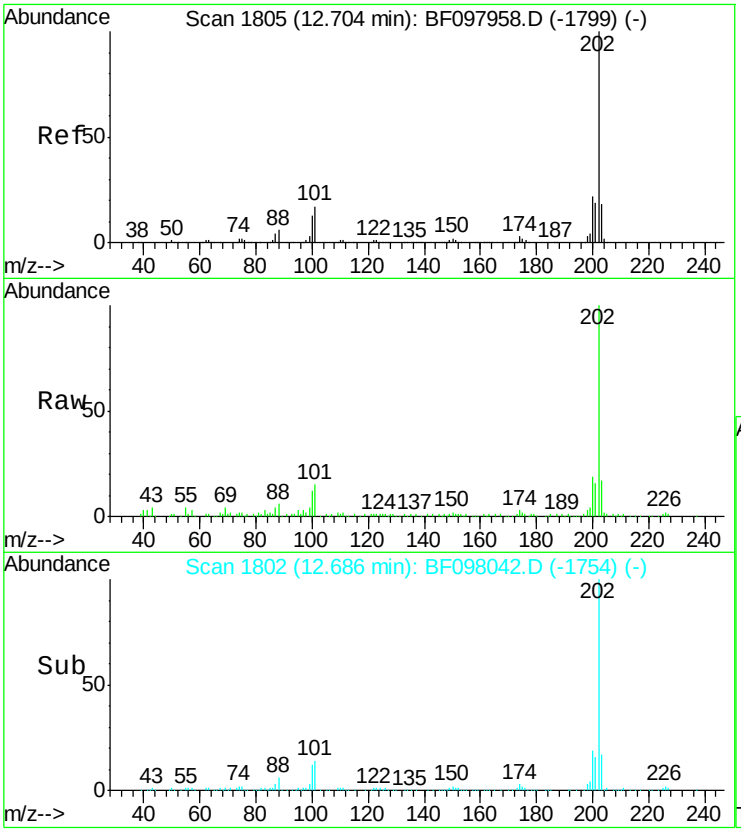


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.89 min Scan# 2006
Delta R.T. -0.01 min
Lab File: BF098042.D
Acq: 25 Aug 2017 20:46

Tgt Ion:240 Resp: 268589

Ion	Ratio	Lower	Upper
240	100		
120	12.1	5.8	8.8#
236	27.4	20.5	30.7



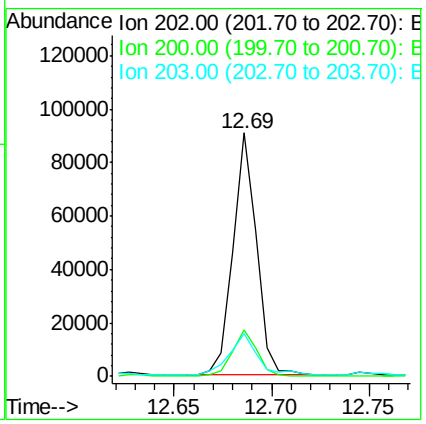


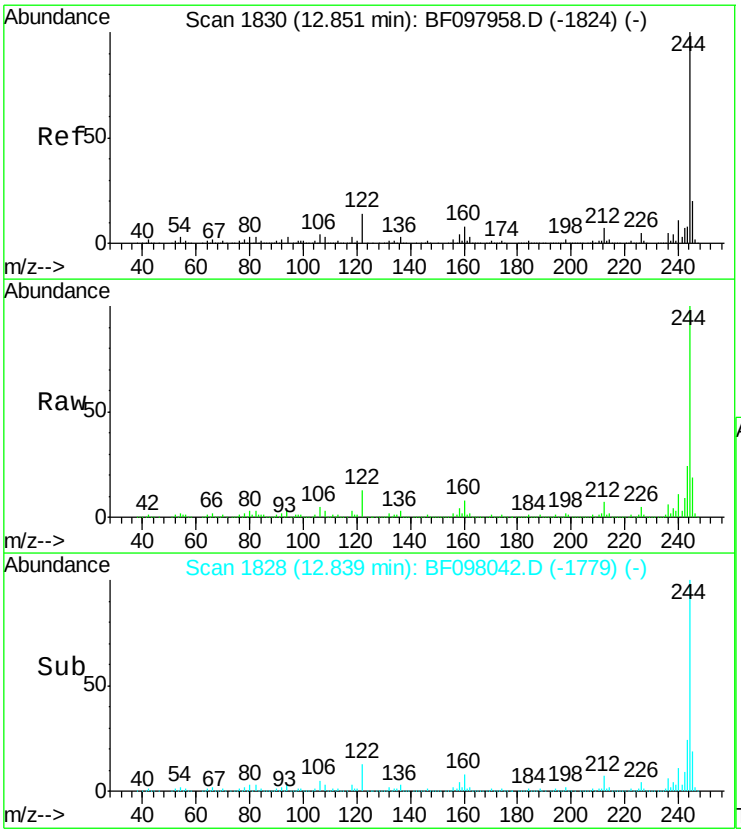
#77
Pyrene
Concen: 3.47 ng
RT: 12.69 min Scan# 1802
Delta R.T. -0.02 min
Lab File: BF098042.D
Acq: 25 Aug 2017 20:46

Instrument :
BNA_F
ClientSampleId :
OR-01-082317

Tgt Ion:202 Resp: 76153

Ion	Ratio	Lower	Upper
202	100		
200	19.1	17.6	26.4
203	17.5	14.4	21.6

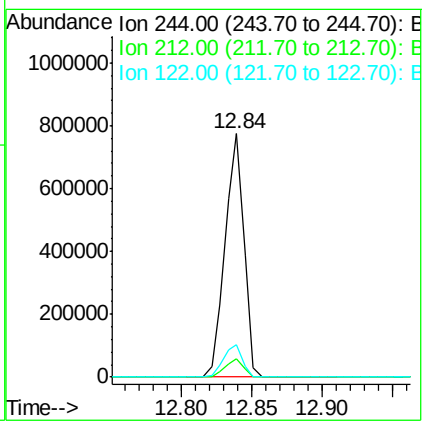


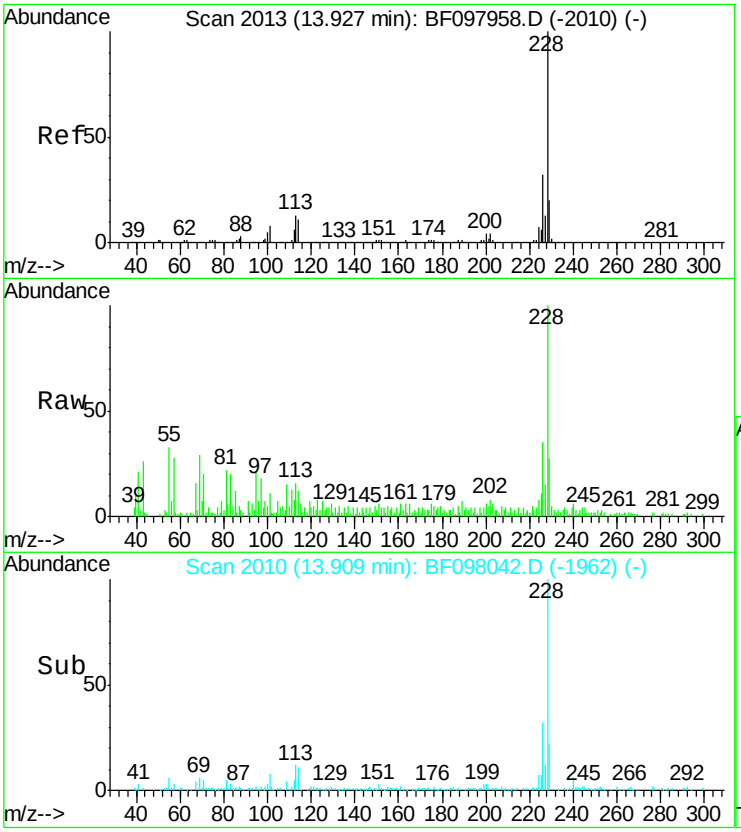


#78
Terphenyl-d14
Concen: 55.81 ng
RT: 12.84 min Scan# 1828
Delta R.T. -0.01 min
Lab File: BF098042.D
Acq: 25 Aug 2017 20:46

Tgt Ion:244 Resp: 718783

Ion	Ratio	Lower	Upper
244	100		
212	7.3	6.0	9.0
122	13.3	10.3	15.5



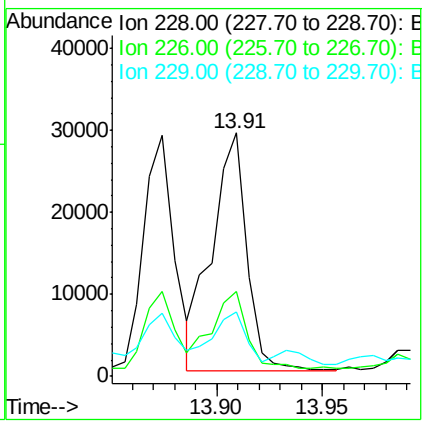


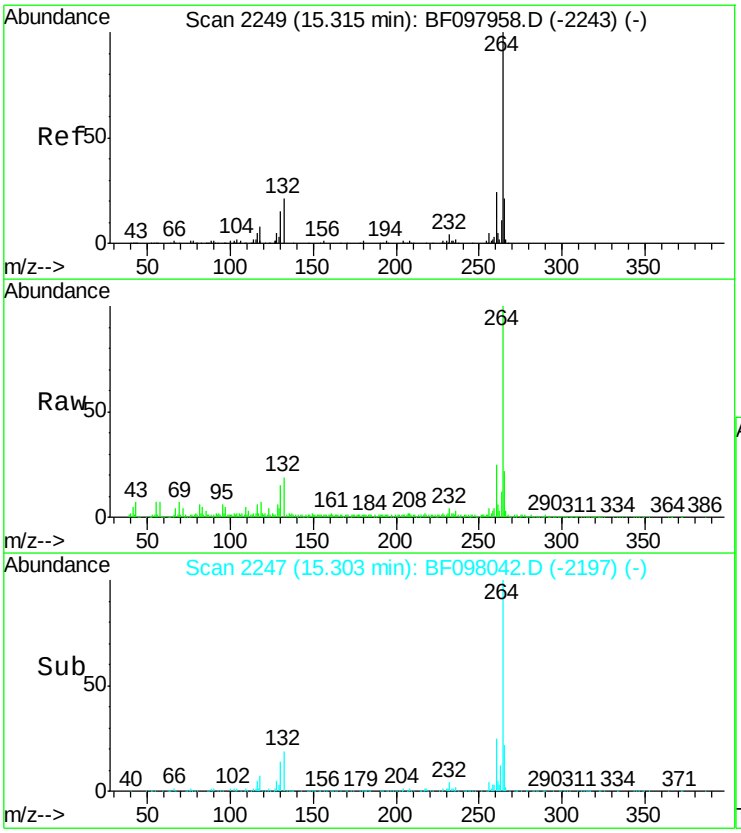
#82
Chrysene
Concen: 2.08 ng
RT: 13.91 min Scan# 2010
Delta R.T. -0.02 min
Lab File: BF098042.D
Acq: 25 Aug 2017 20:46

Instrument :
BNA_F
ClientSampleId :
OR-01-082317

Tgt Ion:228 Resp: 33320

Ion	Ratio	Lower	Upper
228	100		
226	34.7	24.9	37.3
229	26.5	15.8	23.6#

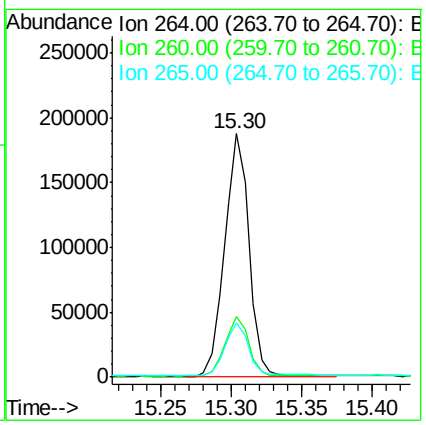


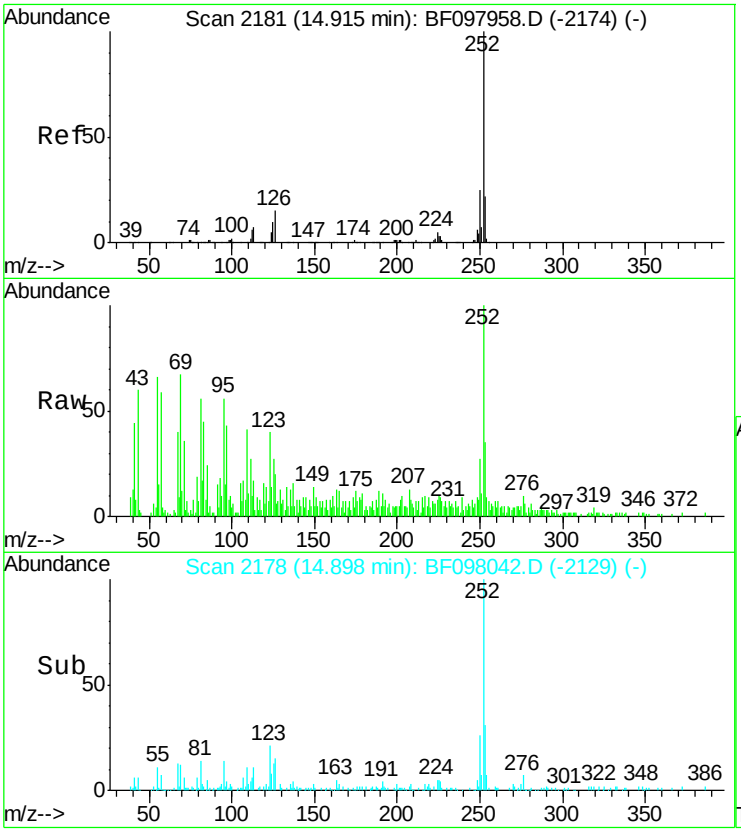


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.30 min Scan# 2247
Delta R.T. -0.01 min
Lab File: BF098042.D
Acq: 25 Aug 2017 20:46

Tgt Ion:264 Resp: 222956

Ion	Ratio	Lower	Upper
264	100		
260	25.1	19.5	29.3
265	22.5	17.2	25.8



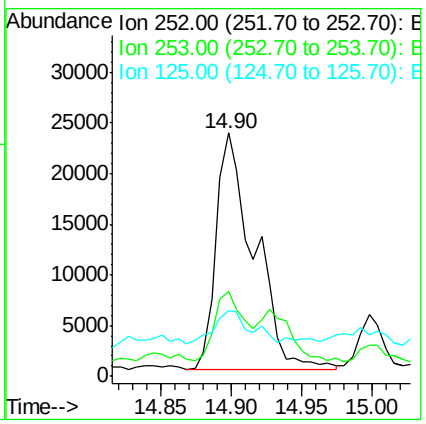


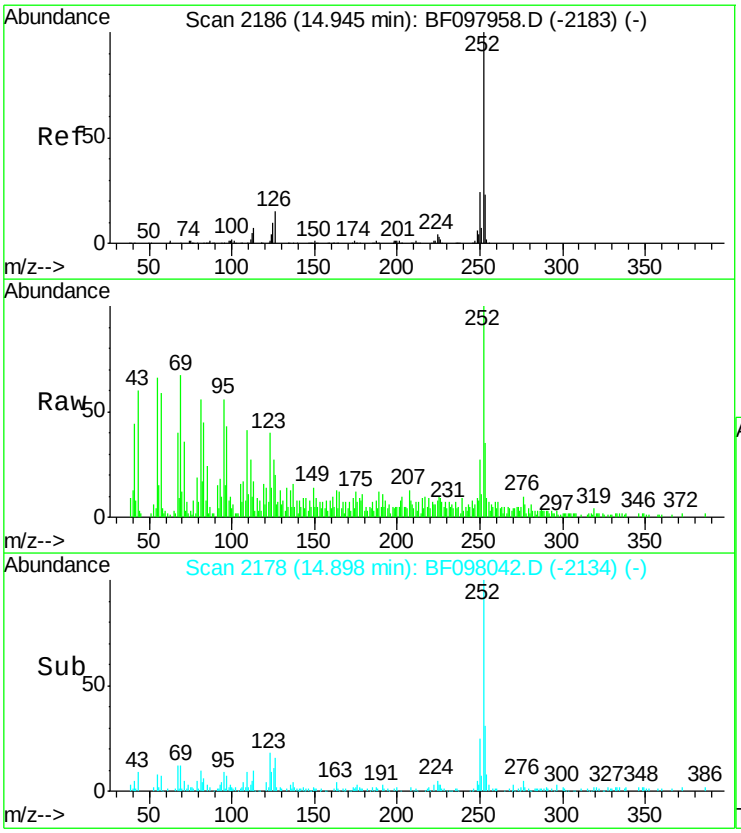
#87
Benzo(b)fluoranthene
Concen: 3.11 ng
RT: 14.90 min Scan# 2178
Delta R.T. -0.01 min
Lab File: BF098042.D
Acq: 25 Aug 2017 20:46

Instrument :
BNA_F
ClientSampleId :
OR-01-082317

Tgt Ion:252 Resp: 43753

Ion	Ratio	Lower	Upper
252	100		
253	34.6	18.1	27.1#
125	26.8	9.8	14.8#





#88
Benzo(k)fluoranthene
Concen: 3.31 ng
RT: 14.90 min Scan# 2178
Delta R.T. -0.04 min
Lab File: BF098042.D
Acq: 25 Aug 2017 20:46

Tgt Ion:252 Resp: 43753

Ion	Ratio	Lower	Upper
252	100		
253	34.6	18.4	27.6#
125	26.8	13.1	19.7#