Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080717\
Data File : BF097458.D
Acq On : 8 Aug 2017 5:32
Operator : SJ/JU
Sample : I4614-04 DL 2X
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : E2-M10-ESW

Quant Time: Aug 08 06:08:49 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 07 16:02:51 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.41	152	88613	20.00	ng		0.00
21) Naphthalene-d8	7.69	136	352091	20.00	ng		0.00
38) Acenaphthene-d10	9.43	164	126702	20.00	ng		0.00
63) Phenanthrene-d10	10.91	188	211014	20.00	ng		0.00
75) Chrysene-d12	13.53	240	174851	20.00	ng		0.00
86) Perylene-d12	14.87	264	125123	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.00	112	315742	53.71	ng		0.00
7) Phenol-d6	6.08	99	393309	58.61	ng		0.00
23) Nitrobenzene-d5	6.98	82	218803	36.46	ng		-0.01
41) 2,4,6-Tribromophenol	10.23	330	51254	51.20	ng		0.00
44) 2-Fluorobiphenyl	8.77	172	344423	46.13	ng		0.00
78) Terphenyl-d14	12.49	244	243220	28.36	ng		0.00
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	6.98	70	29446	6.67	ng	#	84
25) Isophorone	6.98	82	218802	18.62	ng	#	67
48) Acenaphthylene	9.30	152	33914	2.77	ng		97
49) Dimethylphthalate	9.17	163	52395	5.45	ng		99
56) 2,4-Dinitrotoluene	9.43	165	16251	6.93	ng	#	35
70) Phenanthrene	10.93	178	143102	12.66	ng		99
71) Anthracene	10.99	178	39489	3.41	ng		98
73) Di-n-butylphthalate	11.49	149	58954	4.19	ng		99
74) Fluoranthene	12.12	202	197903	17.87	ng		97
77) Pyrene	12.34	202	239426	16.73	ng		99
80) Benzo(a)anthracene	13.53	228	85080	7.52	ng		97
82) Chrysene	13.56	228	81099	7.34	ng		98
85) Indeno(1,2,3-cd)pyrene	16.07	276	28395	3.00	ng		93
87) Benzo(b)fluoranthene	14.53	252	103002	13.69	ng	#	97
88) Benzo(k)fluoranthene	14.53	252	103002	14.37	ng		99
89) Benzo(a)pyrene	14.83	252	61604	8.95	ng	#	97
91) Benzo(g,h,i)perylene	16.42	276	36480	6.16	ng		97

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

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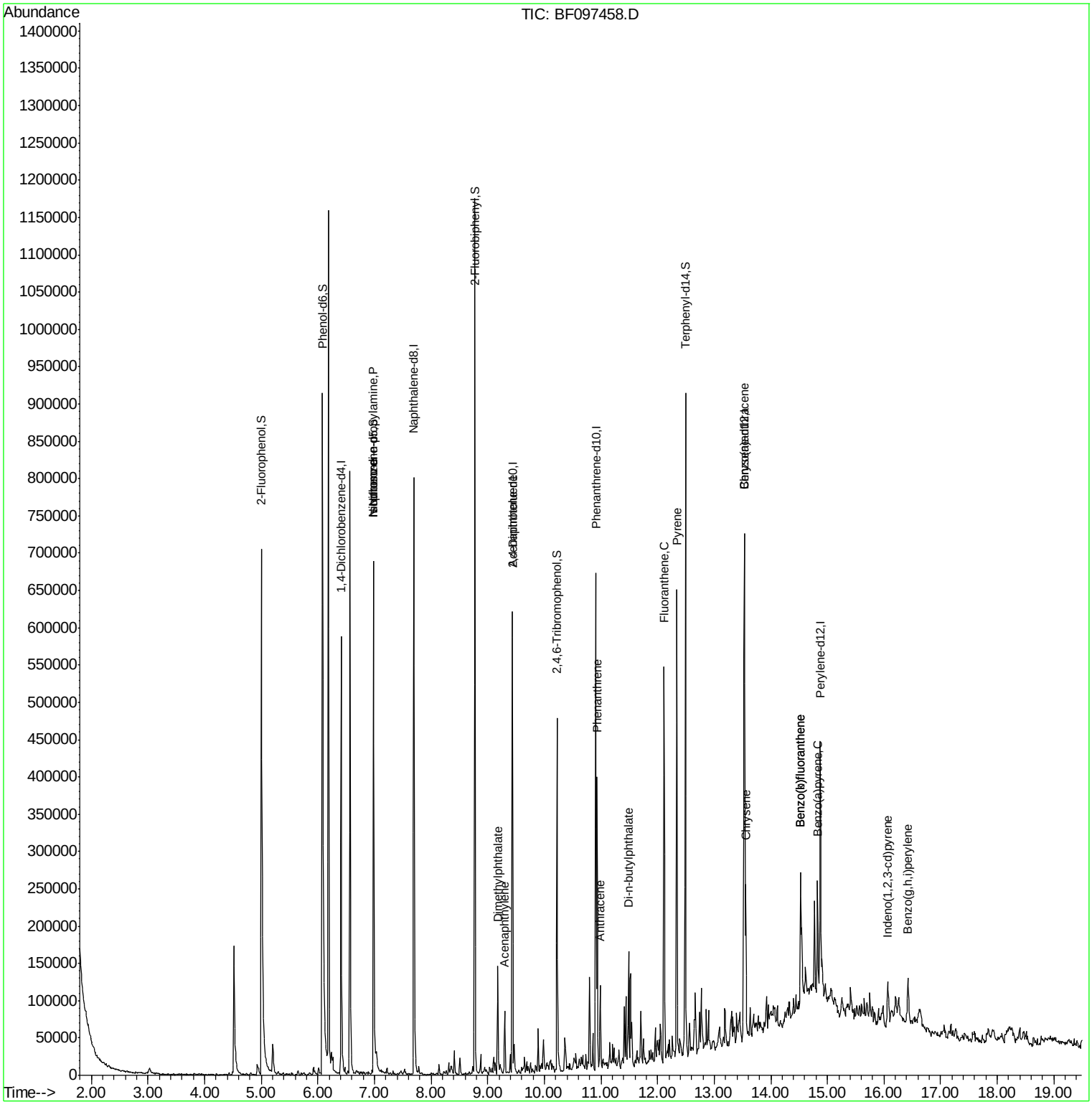
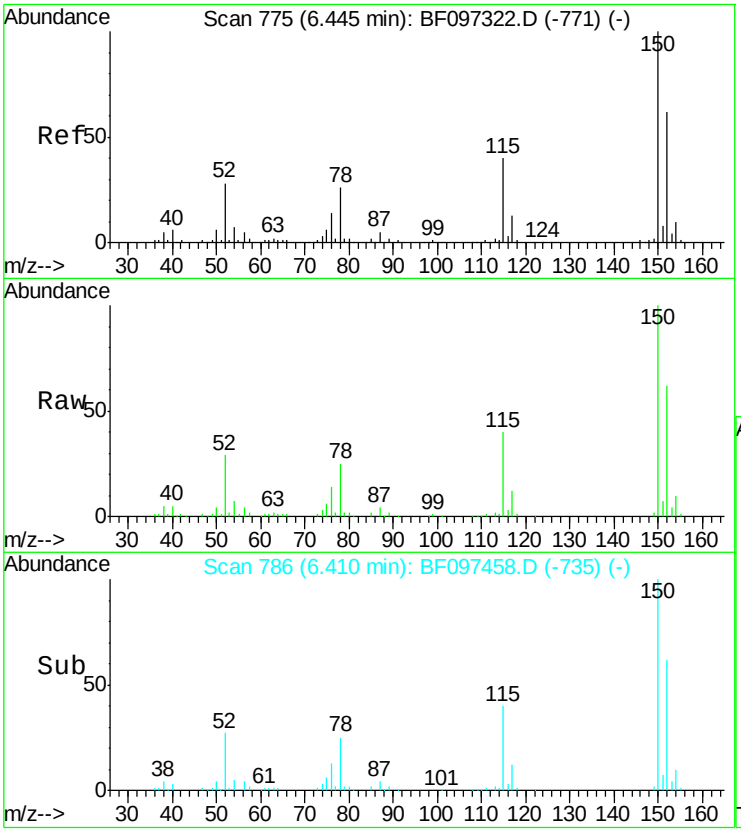


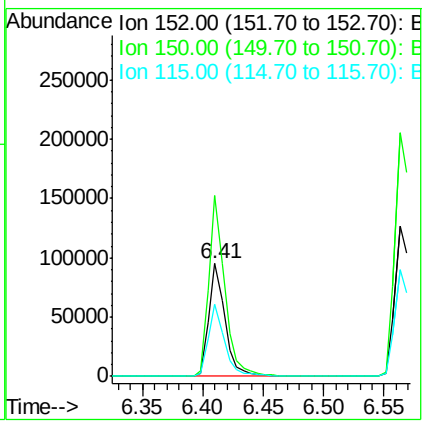


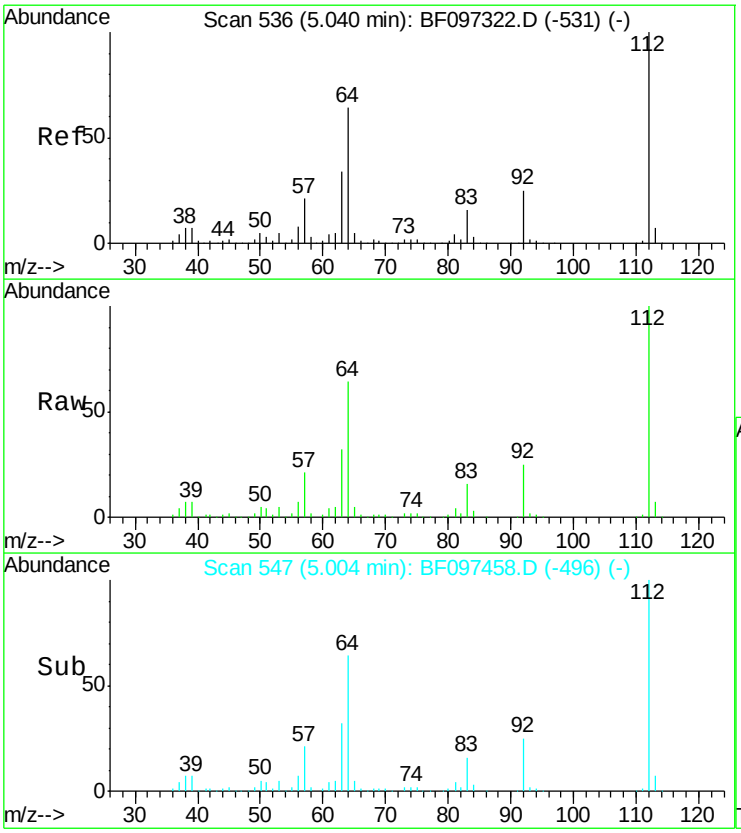
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.41 min Scan# 786
Delta R.T. 0.00 min
Lab File: BF097458.D
Acq: 8 Aug 2017 5:32

Instrument :
BNA_F
ClientSampleId :
E2-M10-ESW

Tgt Ion:152 Resp: 88613

Ion	Ratio	Lower	Upper
152	100		
150	160.3	126.2	189.2
115	64.2	52.2	78.2

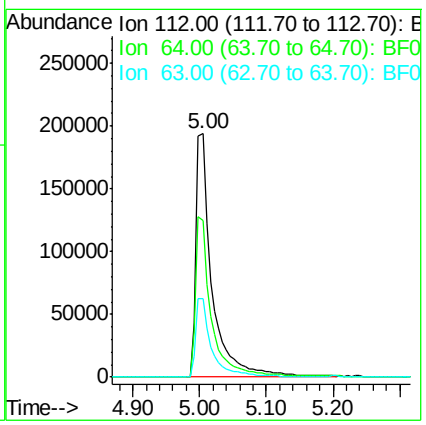


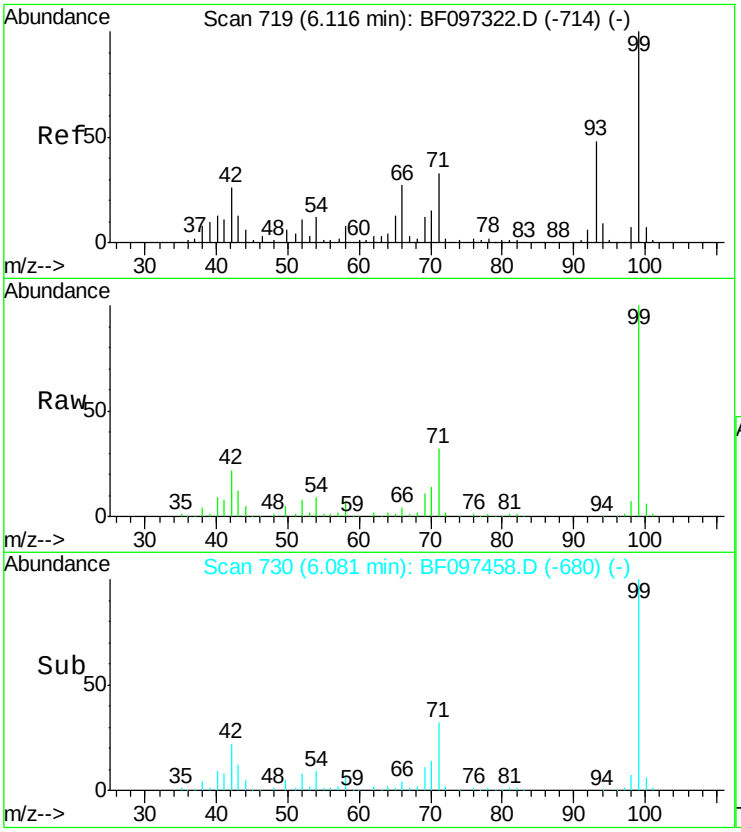


#5
2-Fluorophenol
Concen: 53.71 ng
RT: 5.00 min Scan# 547
Delta R.T. 0.00 min
Lab File: BF097458.D
Acq: 8 Aug 2017 5:32

Tgt Ion:112 Resp: 315742

Ion	Ratio	Lower	Upper
112	100		
64	64.3	46.0	69.0
63	32.4	23.4	35.0



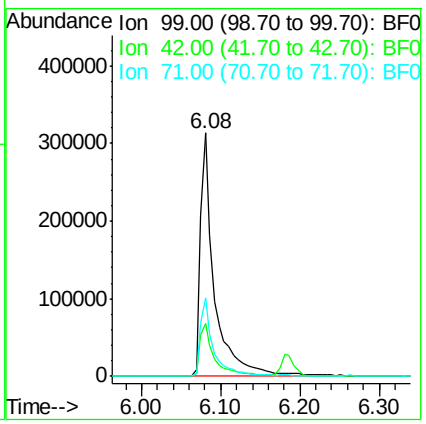


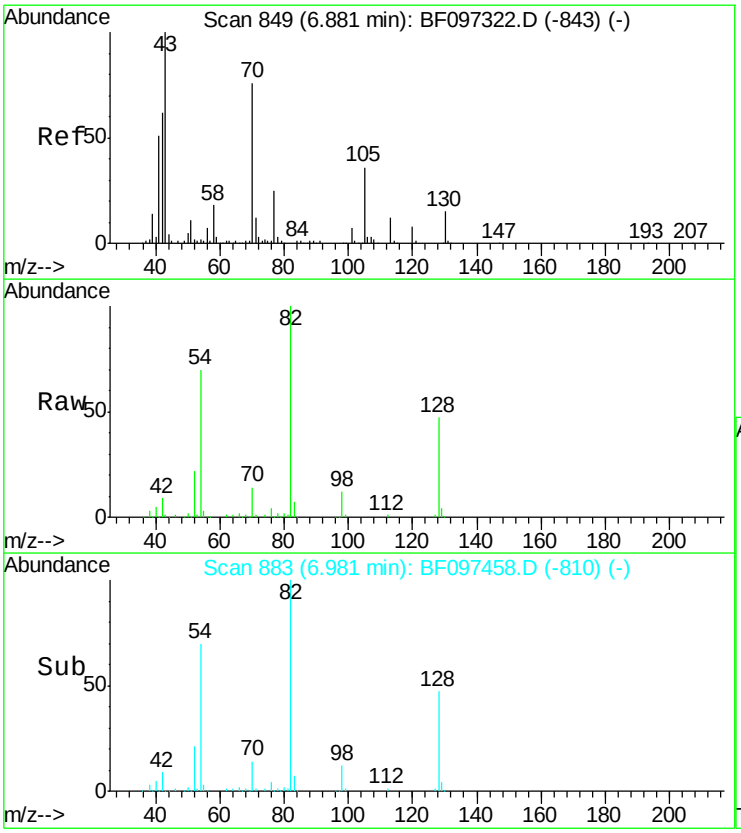
#7
Phenol-d6
Concen: 58.61 ng
RT: 6.08 min Scan# 730
Delta R.T. -0.01 min
Lab File: BF097458.D
Acq: 8 Aug 2017 5:32

Instrument :
BNA_F
ClientSampleId :
E2-M10-ESW

Tgt Ion: 99 Resp: 393309

Ion	Ratio	Lower	Upper
99	100		
42	21.7	13.5	20.3#
71	32.2	24.5	36.7

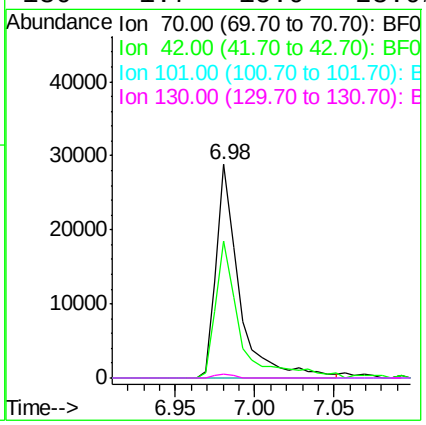


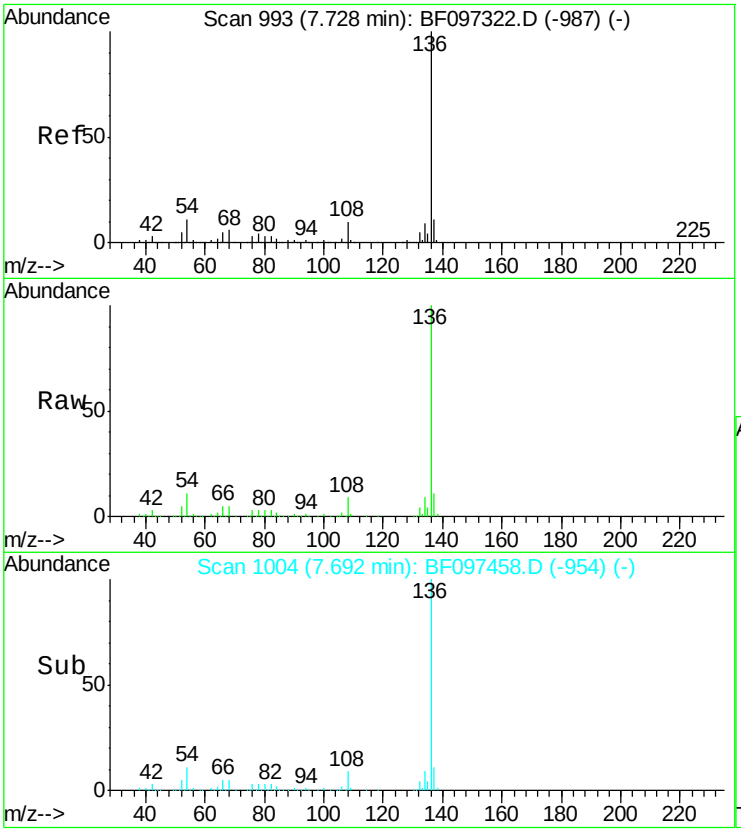


#19
n-Nitroso-di-n-propylamine
Concen: 6.67 ng
RT: 6.98 min Scan# 883
Delta R.T. 0.13 min
Lab File: BF097458.D
Acq: 8 Aug 2017 5:32

Tgt Ion: 70 Resp: 29446

Ion	Ratio	Lower	Upper
70	100		
42	64.4	47.2	70.8
101	0.0	7.2	10.8#
130	1.7	15.9	23.9#



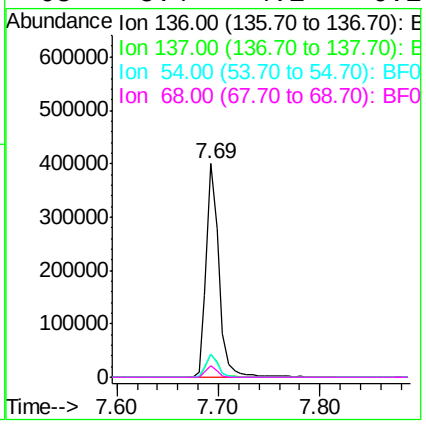


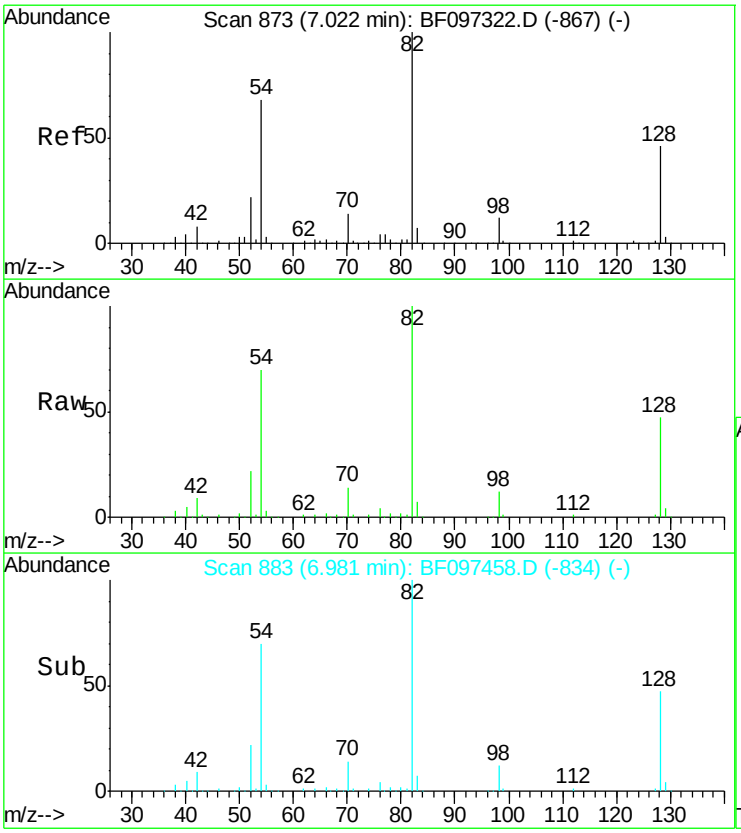
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.69 min Scan# 1004
Delta R.T. -0.01 min
Lab File: BF097458.D
Acq: 8 Aug 2017 5:32

Instrument :
BNA_F
ClientSampleId :
E2-M10-ESW

Tgt Ion:136 Resp: 352091

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.5	12.7
54	10.6	4.9	7.3#
68	5.4	4.1	6.1

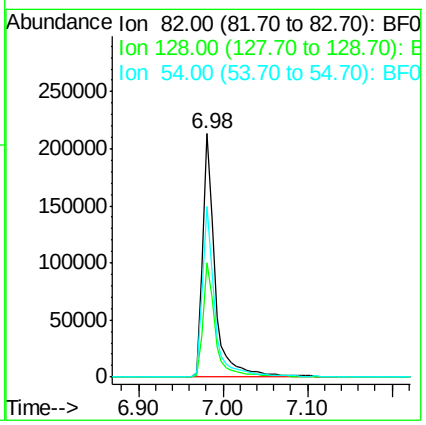


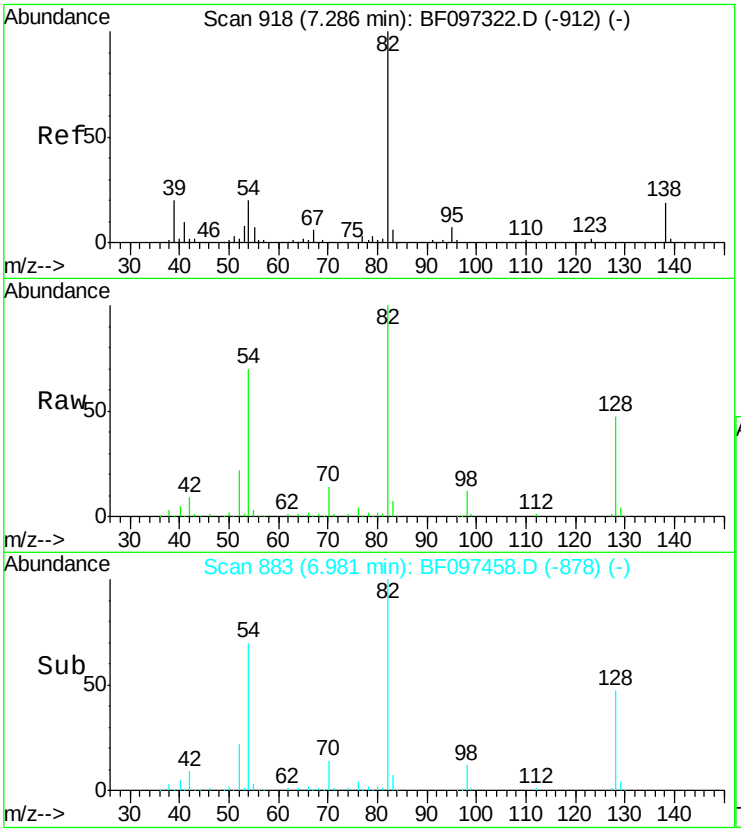


#23
Nitrobenzene-d5
Concen: 36.46 ng
RT: 6.98 min Scan# 883
Delta R.T. -0.01 min
Lab File: BF097458.D
Acq: 8 Aug 2017 5:32

Tgt Ion: 82 Resp: 218803

Ion	Ratio	Lower	Upper
82	100		
128	47.1	34.0	51.0
54	69.8	42.2	63.2#



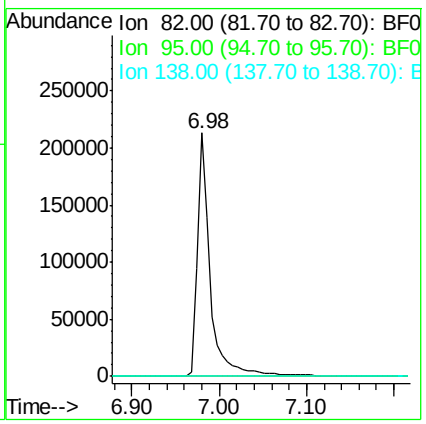


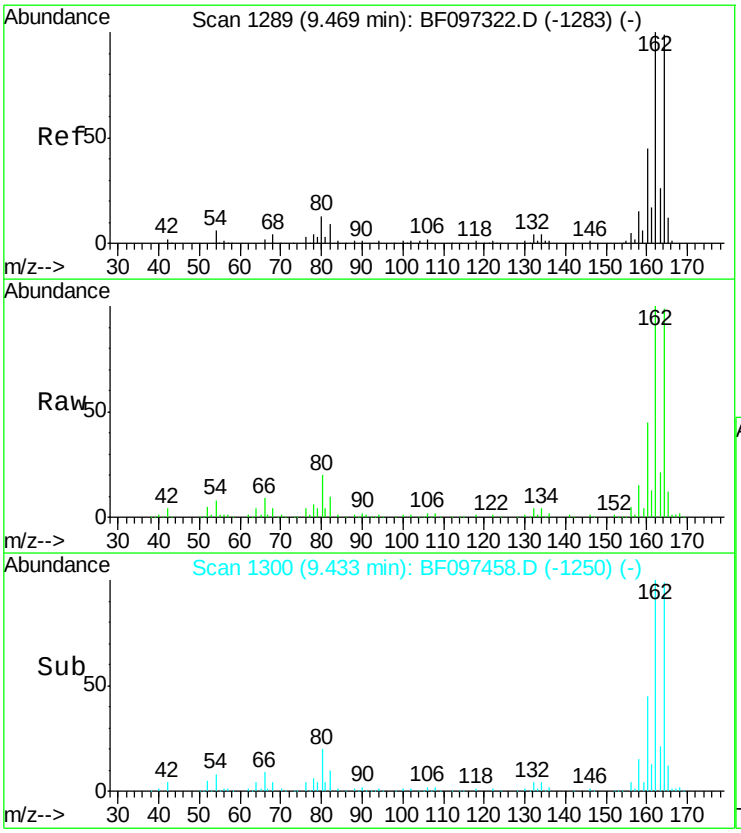
#25
Isophorone
Concen: 18.62 ng
RT: 6.98 min Scan# 883
Delta R.T. -0.27 min
Lab File: BF097458.D
Acq: 8 Aug 2017 5:32

Instrument :
BNA_F
ClientSampleId :
E2-M10-ESW

Tgt Ion: 82 Resp: 218802

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

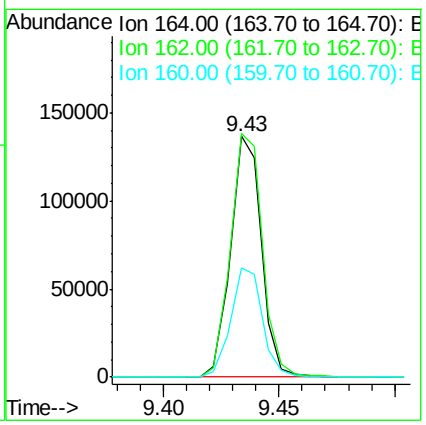


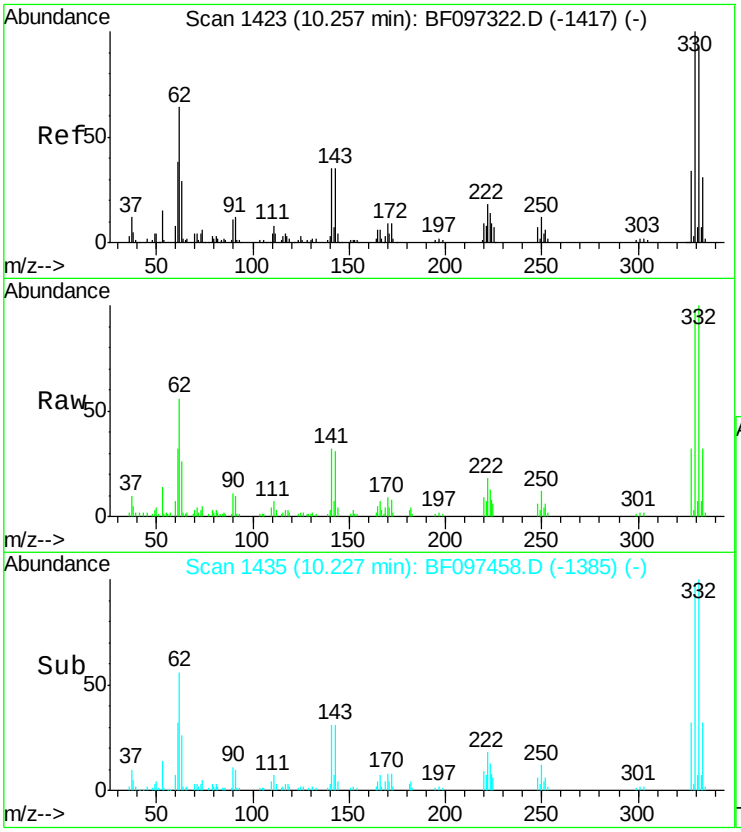


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.43 min Scan# 1300
Delta R.T. -0.01 min
Lab File: BF097458.D
Acq: 8 Aug 2017 5:32

Tgt Ion:164 Resp: 126702

Ion	Ratio	Lower	Upper
164	100		
162	101.2	82.6	123.8
160	45.4	36.2	54.2



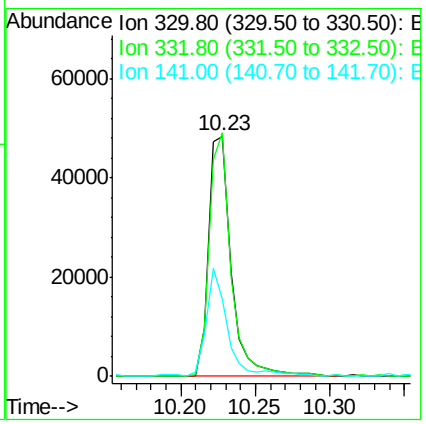


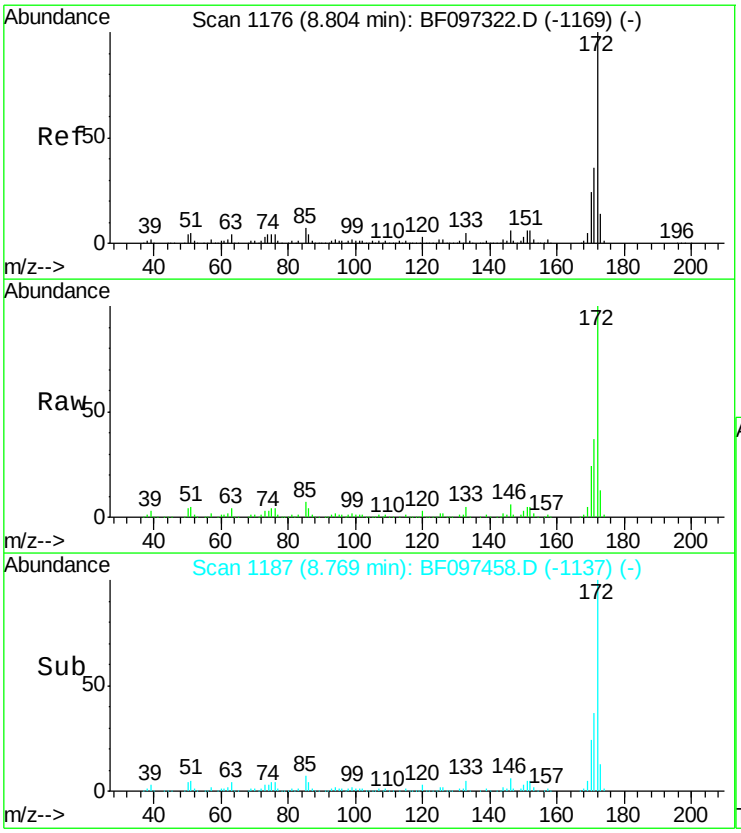
#41
2,4,6-Tribromophenol
Concen: 51.20 ng
RT: 10.23 min Scan# 1435
Delta R.T. -0.01 min
Lab File: BF097458.D
Acq: 8 Aug 2017 5:32

Instrument :
BNA_F
ClientSampleId :
E2-M10-ESW

Tgt Ion:330 Resp: 51254

Ion	Ratio	Lower	Upper
330	100		
332	97.6	76.6	115.0
141	42.9	31.4	47.2

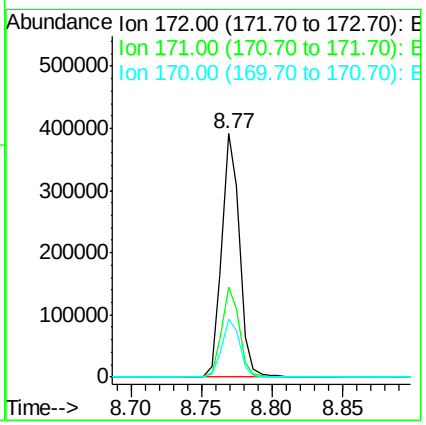


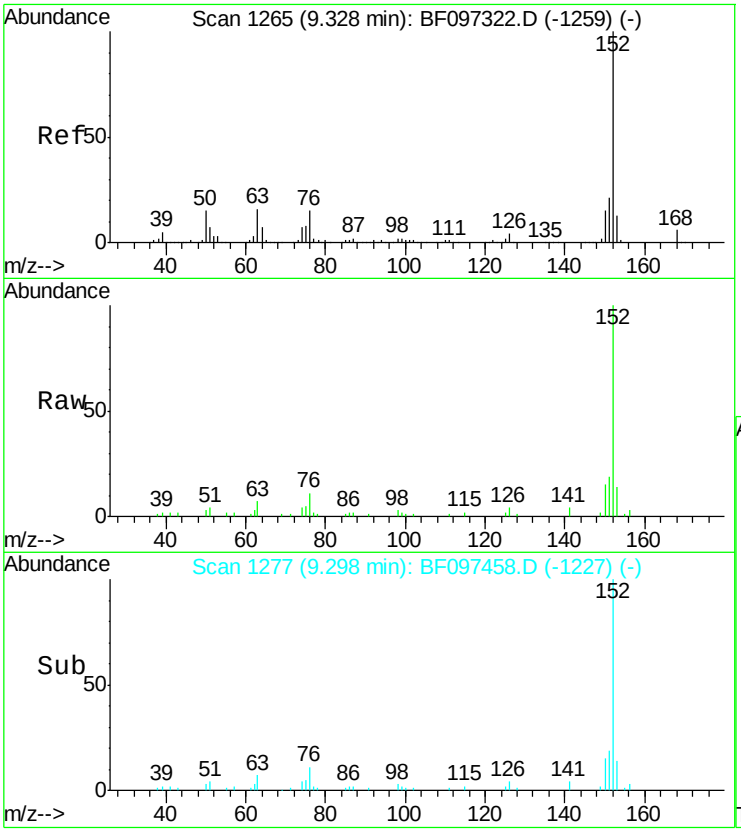


#44
2-Fluorobiphenyl
Concen: 46.13 ng
RT: 8.77 min Scan# 1187
Delta R.T. -0.01 min
Lab File: BF097458.D
Acq: 8 Aug 2017 5:32

Tgt Ion:172 Resp: 344423

Ion	Ratio	Lower	Upper
172	100		
171	36.9	29.6	44.4
170	23.6	19.8	29.8



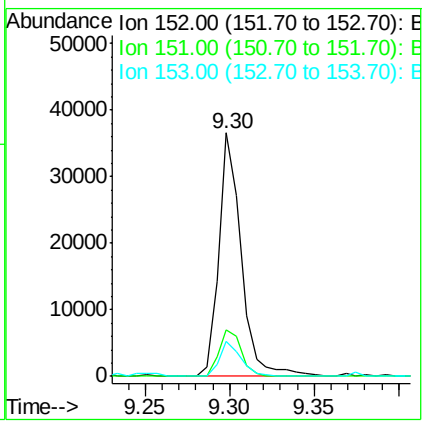


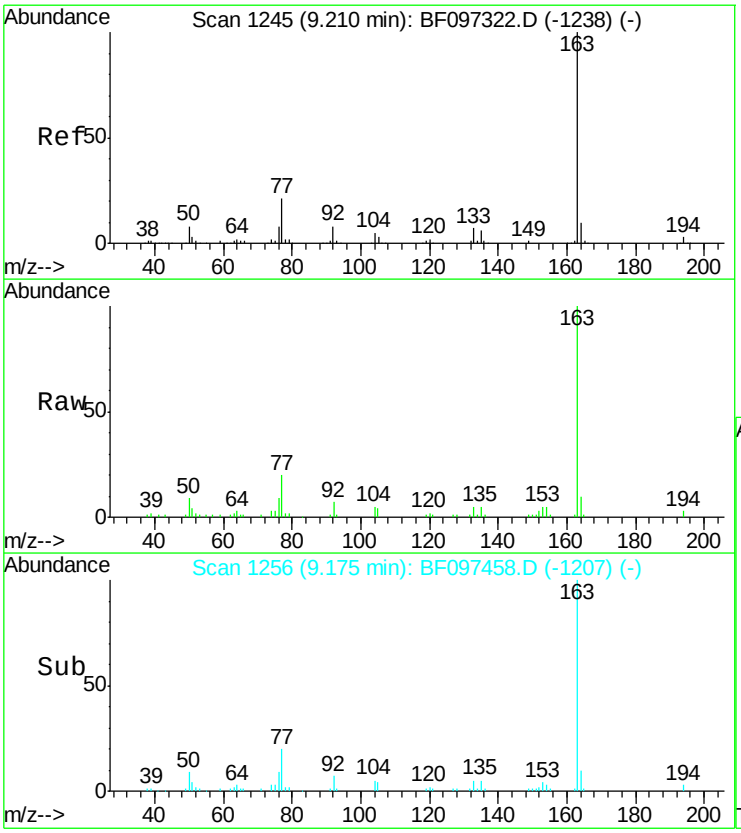
#48
Acenaphthylene
Concen: 2.77 ng
RT: 9.30 min Scan# 1277
Delta R.T. -0.01 min
Lab File: BF097458.D
Acq: 8 Aug 2017 5:32

Instrument :
BNA_F
ClientSampleId :
E2-M10-ESW

Tgt Ion:152 Resp: 33914

Ion	Ratio	Lower	Upper
152	100		
151	19.3	16.8	25.2
153	14.2	10.8	16.2

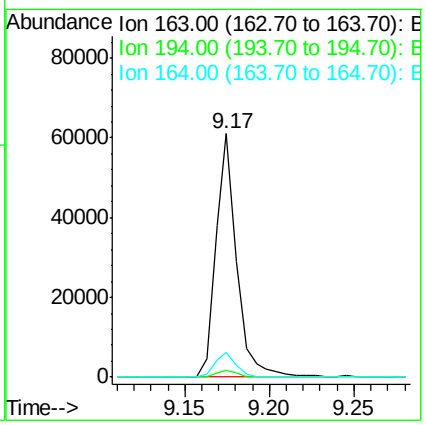


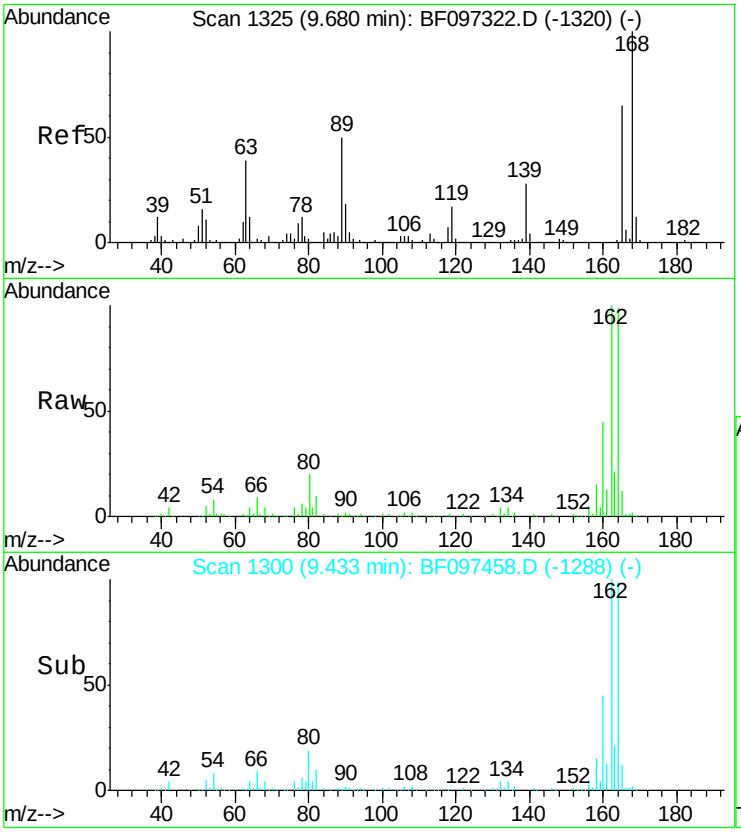


#49
Dimethylphthalate
Concen: 5.45 ng
RT: 9.17 min Scan# 1256
Delta R.T. -0.01 min
Lab File: BF097458.D
Acq: 8 Aug 2017 5:32

Tgt Ion:163 Resp: 52395

Ion	Ratio	Lower	Upper
163	100		
194	2.9	2.6	4.0
164	10.3	8.4	12.6



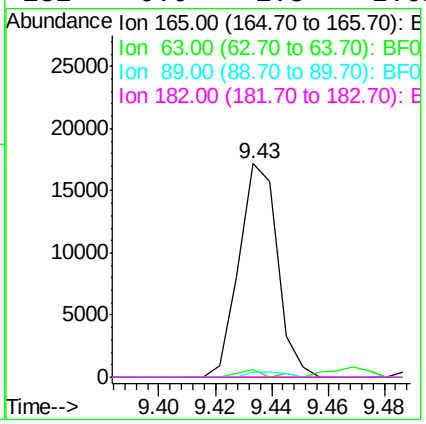


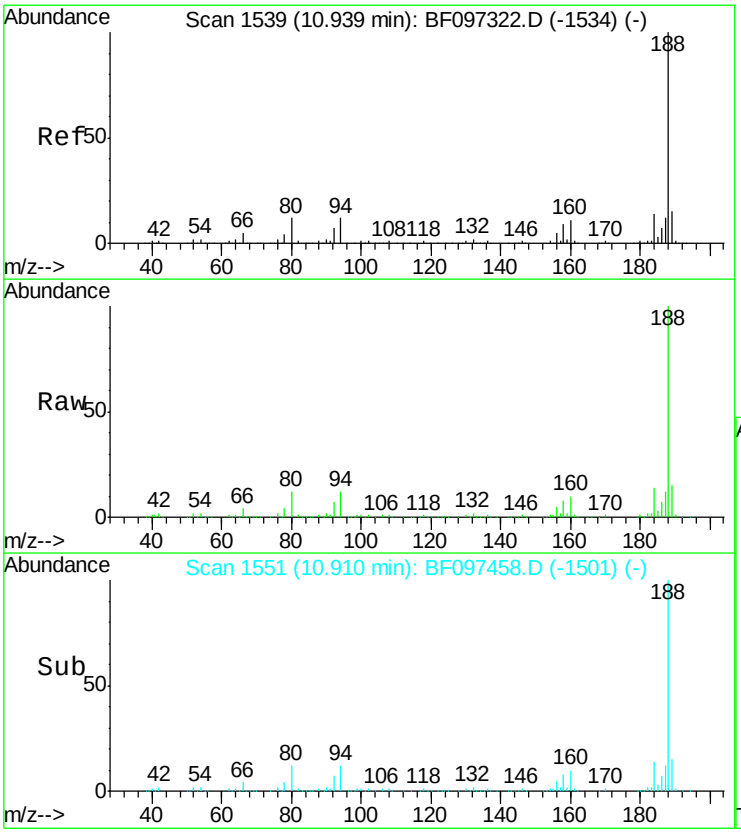
#56
2,4-Dinitrotoluene
Concen: 6.93 ng
RT: 9.43 min Scan# 1300
Delta R.T. -0.23 min
Lab File: BF097458.D
Acq: 8 Aug 2017 5:32

Instrument :
BNA_F
ClientSampleId :
E2-M10-ESW

Tgt Ion:165 Resp: 16251

Ion	Ratio	Lower	Upper
165	100		
63	3.4	25.4	38.0#
89	2.3	46.4	69.6#
182	0.0	1.8	2.6#

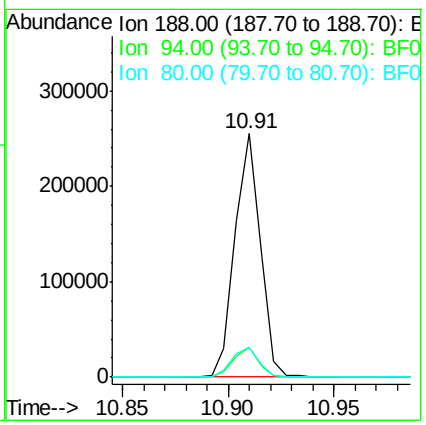


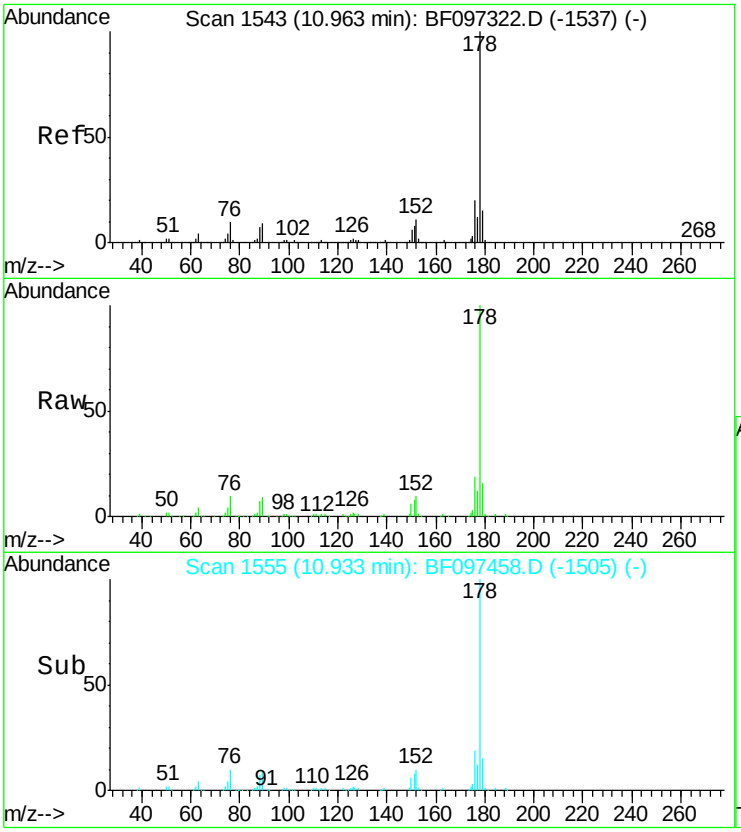


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 10.91 min Scan# 1551
Delta R.T. -0.01 min
Lab File: BF097458.D
Acq: 8 Aug 2017 5:32

Tgt Ion:188 Resp: 211014

Ion	Ratio	Lower	Upper
188	100		
94	12.3	9.4	14.2
80	12.1	10.2	15.2



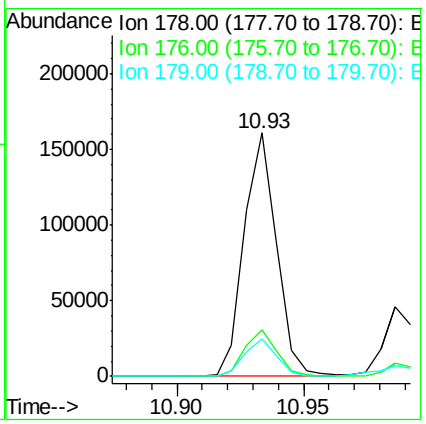


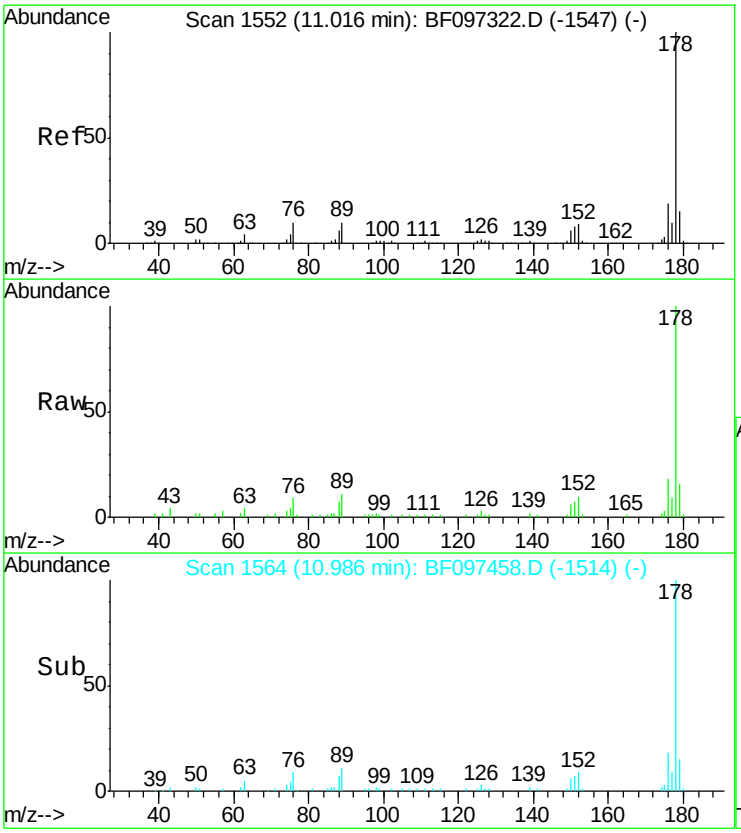
#70
Phenanthrene
Concen: 12.66 ng
RT: 10.93 min Scan# 1555
Delta R.T. -0.01 min
Lab File: BF097458.D
Acq: 8 Aug 2017 5:32

Instrument :
BNA_F
ClientSampleId :
E2-M10-ESW

Tgt Ion:178 Resp: 143102

Ion	Ratio	Lower	Upper
178	100		
176	19.3	16.2	24.4
179	15.7	12.6	19.0

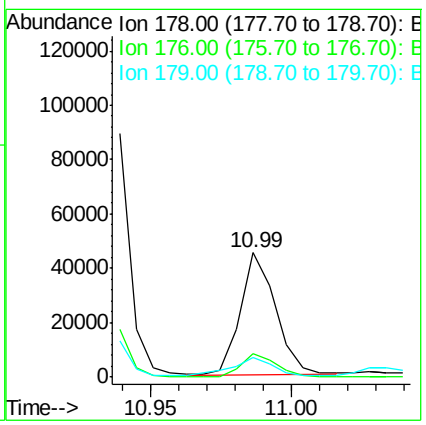


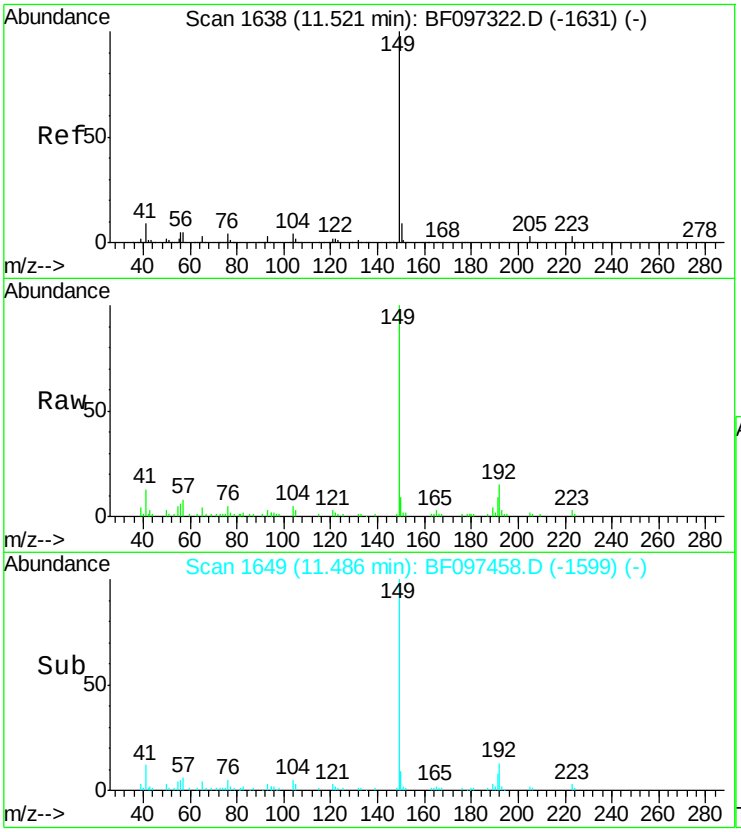


#71
Anthracene
Concen: 3.41 ng
RT: 10.99 min Scan# 1564
Delta R.T. -0.01 min
Lab File: BF097458.D
Acq: 8 Aug 2017 5:32

Tgt Ion:178 Resp: 39489

Ion	Ratio	Lower	Upper
178	100		
176	18.4	15.8	23.8
179	15.6	12.7	19.1



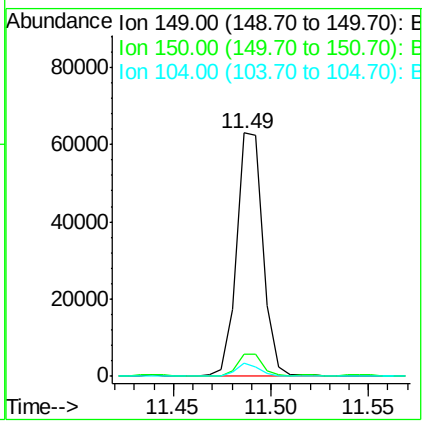


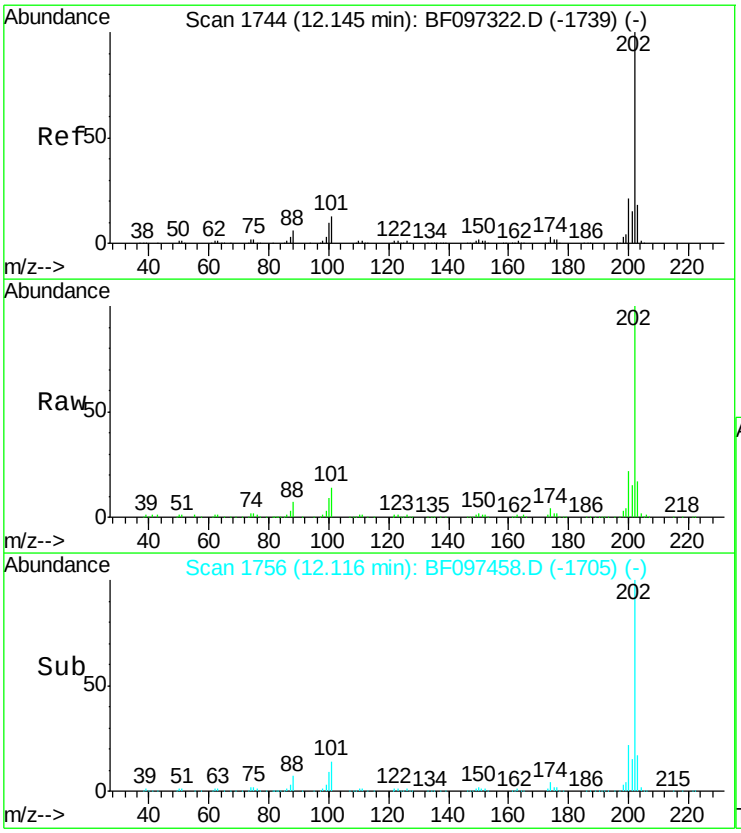
#73
Di-n-butylphthalate
Concen: 4.19 ng
RT: 11.49 min Scan# 1649
Delta R.T. -0.01 min
Lab File: BF097458.D
Acq: 8 Aug 2017 5:32

Instrument :
BNA_F
ClientSampleId :
E2-M10-ESW

Tgt Ion:149 Resp: 58954

Ion	Ratio	Lower	Upper
149	100		
150	9.3	7.7	11.5
104	5.2	4.0	6.0

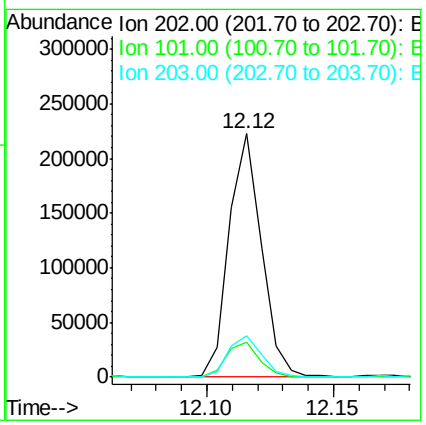


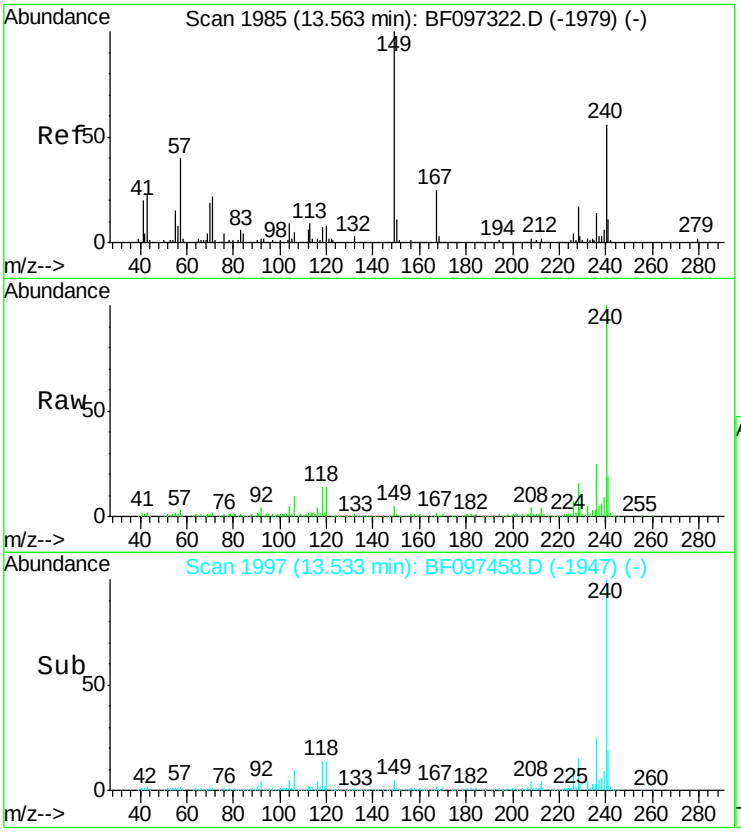


#74
Fluoranthene
Concen: 17.87 ng
RT: 12.12 min Scan# 1756
Delta R.T. 0.00 min
Lab File: BF097458.D
Acq: 8 Aug 2017 5:32

Tgt Ion:202 Resp: 197903

Ion	Ratio	Lower	Upper
202	100		
101	14.5	0.0	33.2
203	16.9	0.0	38.1



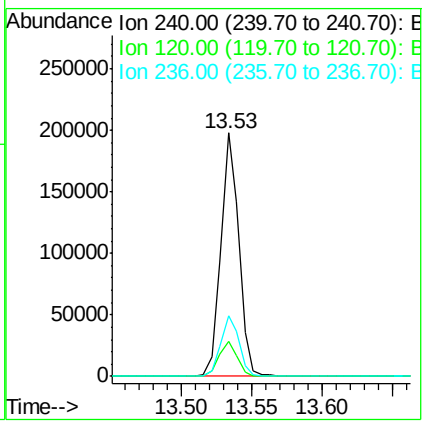


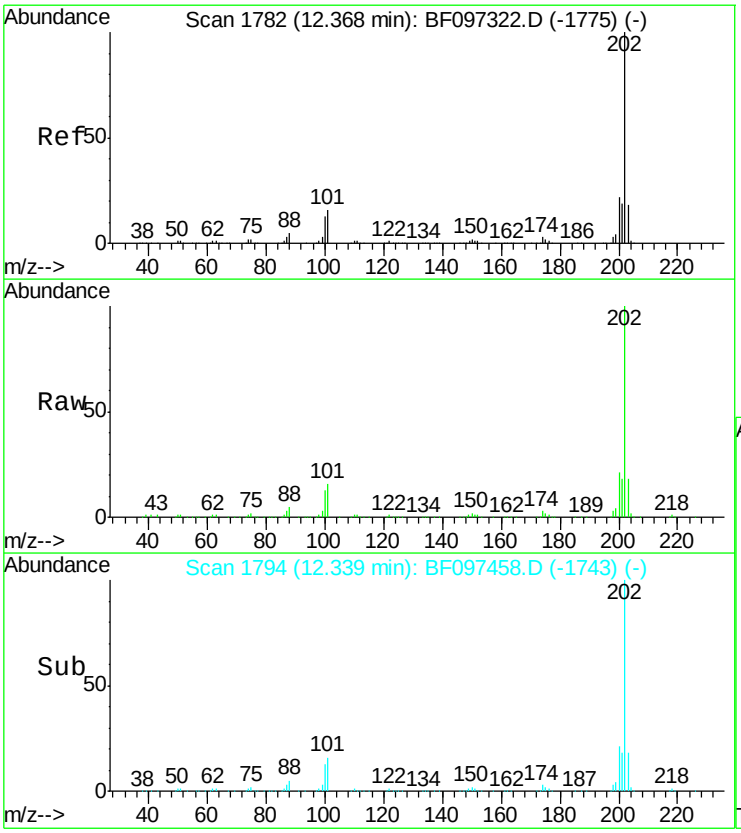
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.53 min Scan# 1997
Delta R.T. -0.01 min
Lab File: BF097458.D
Acq: 8 Aug 2017 5:32

Instrument :
BNA_F
ClientSampleId :
E2-M10-ESW

Tgt Ion:240 Resp: 174851

Ion	Ratio	Lower	Upper
240	100		
120	14.3	5.8	8.8#
236	24.9	20.5	30.7

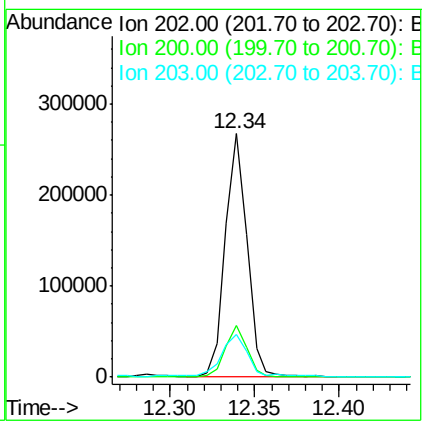


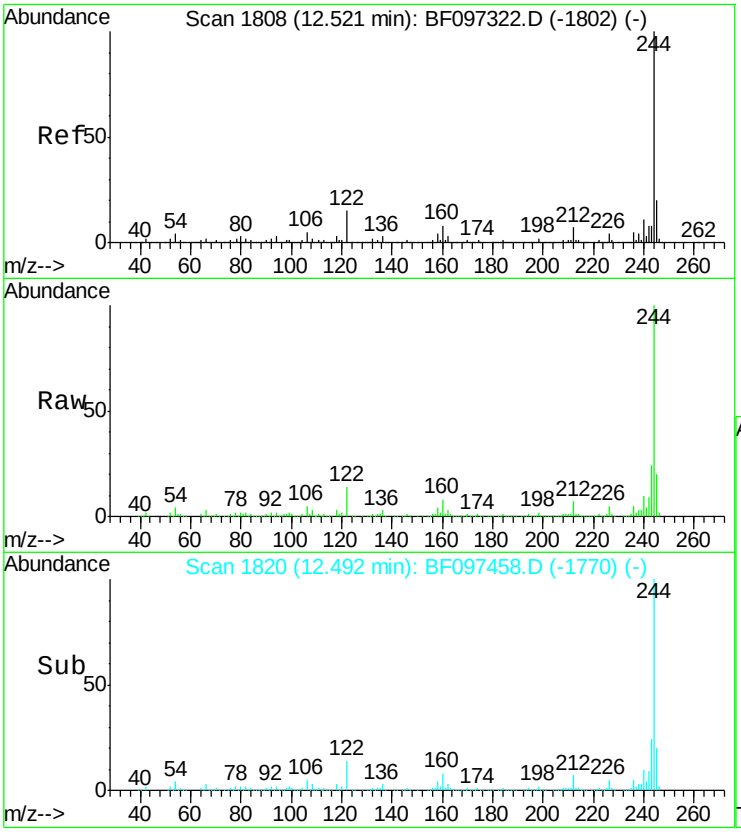


#77
Pyrene
Concen: 16.73 ng
RT: 12.34 min Scan# 1794
Delta R.T. 0.00 min
Lab File: BF097458.D
Acq: 8 Aug 2017 5:32

Tgt Ion:202 Resp: 239426

Ion	Ratio	Lower	Upper
202	100		
200	21.3	17.6	26.4
203	17.7	14.4	21.6



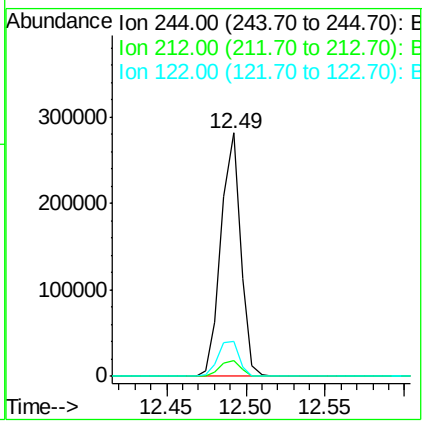


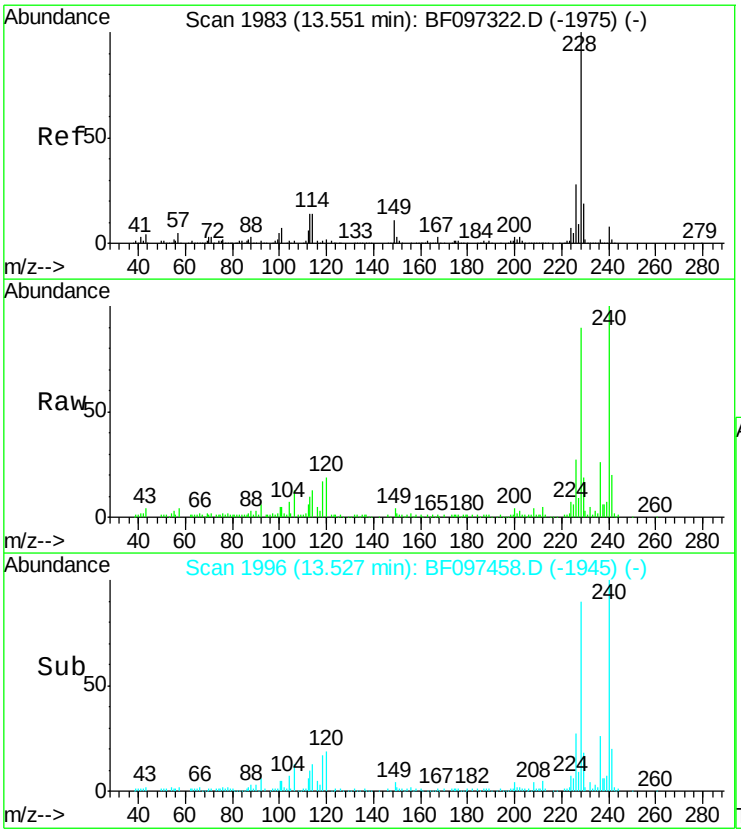
#78
Terphenyl-d14
Concen: 28.36 ng
RT: 12.49 min Scan# 1820
Delta R.T. -0.01 min
Lab File: BF097458.D
Acq: 8 Aug 2017 5:32

Instrument :
BNA_F
ClientSampleId :
E2-M10-ESW

Tgt Ion:244 Resp: 243220

Ion	Ratio	Lower	Upper
244	100		
212	6.7	6.0	9.0
122	14.4	10.3	15.5

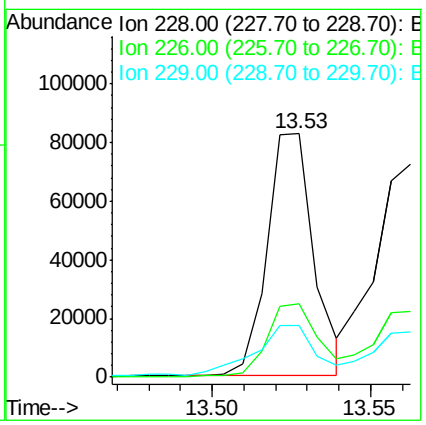


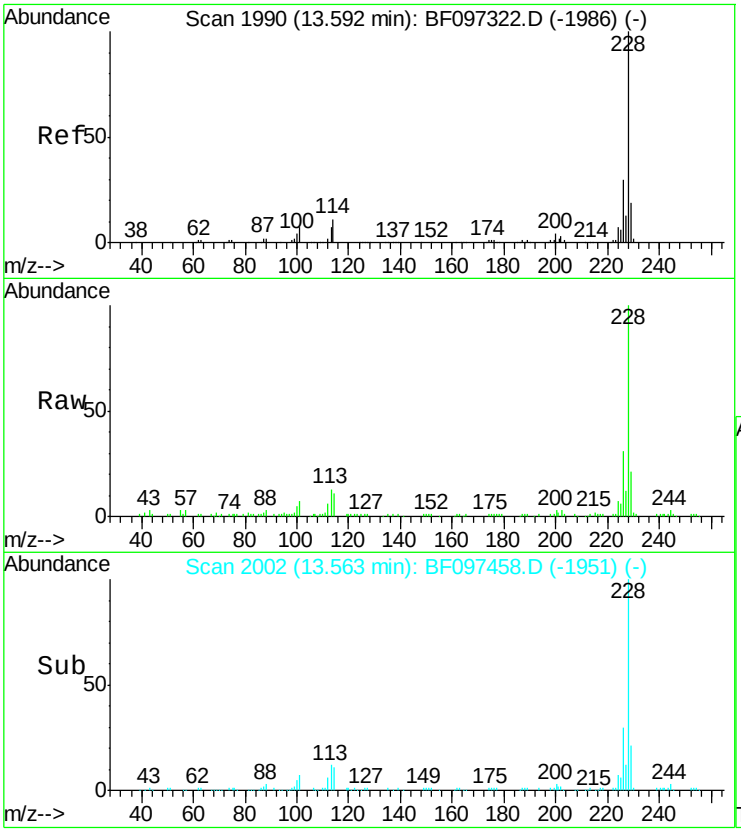


#80
Benzo(a)anthracene
Concen: 7.52 ng
RT: 13.53 min Scan# 1996
Delta R.T. 0.00 min
Lab File: BF097458.D
Acq: 8 Aug 2017 5:32

Tgt Ion:228 Resp: 85080

Ion	Ratio	Lower	Upper
228	100		
226	30.3	22.6	33.8
229	21.0	16.3	24.5



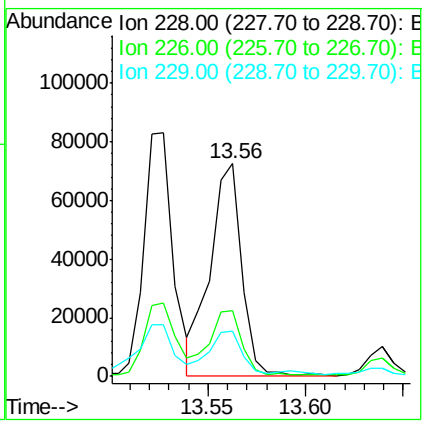


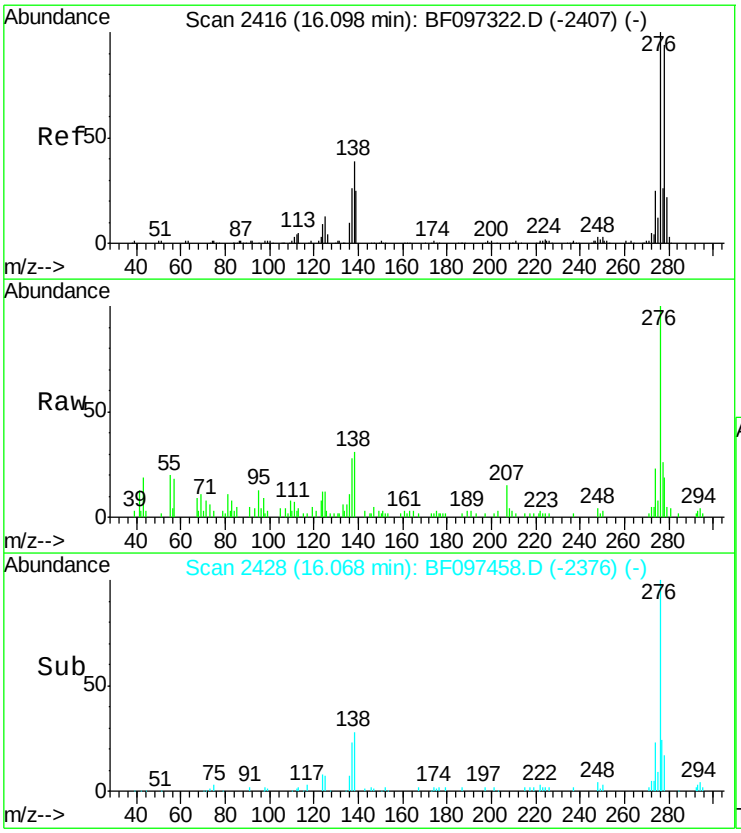
#82
Chrysene
Concen: 7.34 ng
RT: 13.56 min Scan# 2002
Delta R.T. 0.00 min
Lab File: BF097458.D
Acq: 8 Aug 2017 5:32

Instrument :
BNA_F
ClientSampleId :
E2-M10-ESW

Tgt Ion:228 Resp: 81099

Ion	Ratio	Lower	Upper
228	100		
226	30.7	24.9	37.3
229	21.4	15.8	23.6

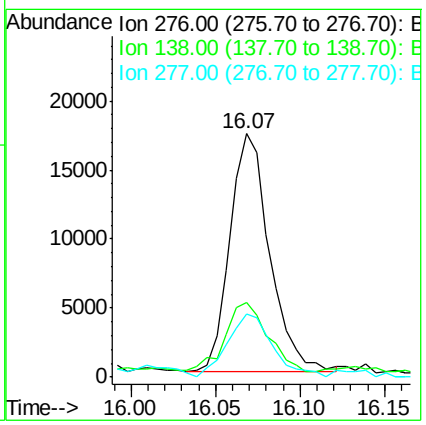


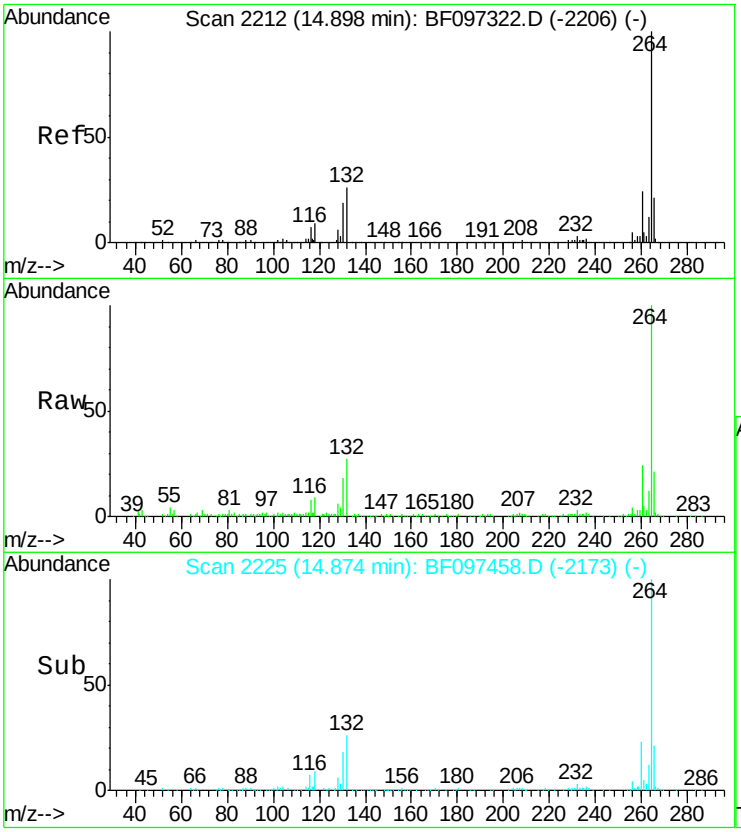


#85
Indeno(1,2,3-cd)pyrene
Concen: 3.00 ng
RT: 16.07 min Scan# 2428
Delta R.T. 0.01 min
Lab File: BF097458.D
Acq: 8 Aug 2017 5:32

Tgt Ion:276 Resp: 28395

Ion	Ratio	Lower	Upper
276	100		
138	31.0	27.8	41.6
277	29.6	20.2	30.4



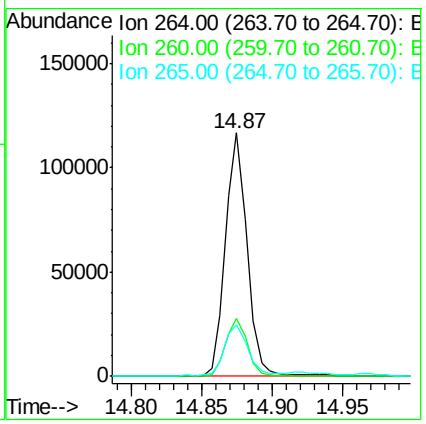


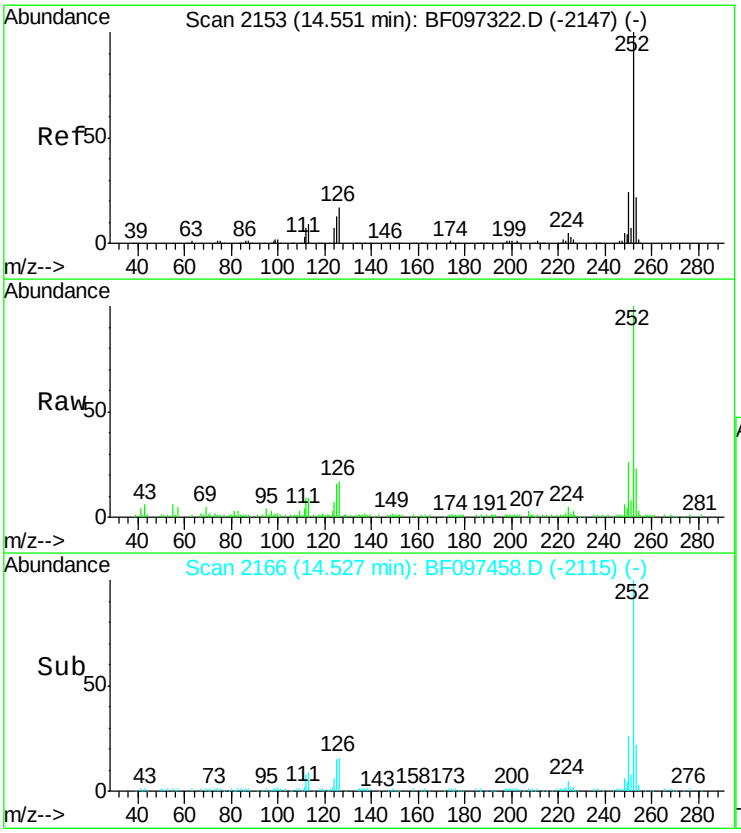
#86
Perylene-d12
Concen: 20.00 ng
RT: 14.87 min Scan# 2225
Delta R.T. 0.01 min
Lab File: BF097458.D
Acq: 8 Aug 2017 5:32

Instrument :
BNA_F
ClientSampleId :
E2-M10-ESW

Tgt Ion:264 Resp: 125123

Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.5	29.3
265	21.0	17.2	25.8

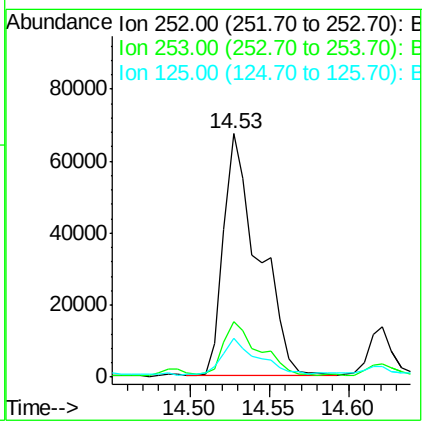


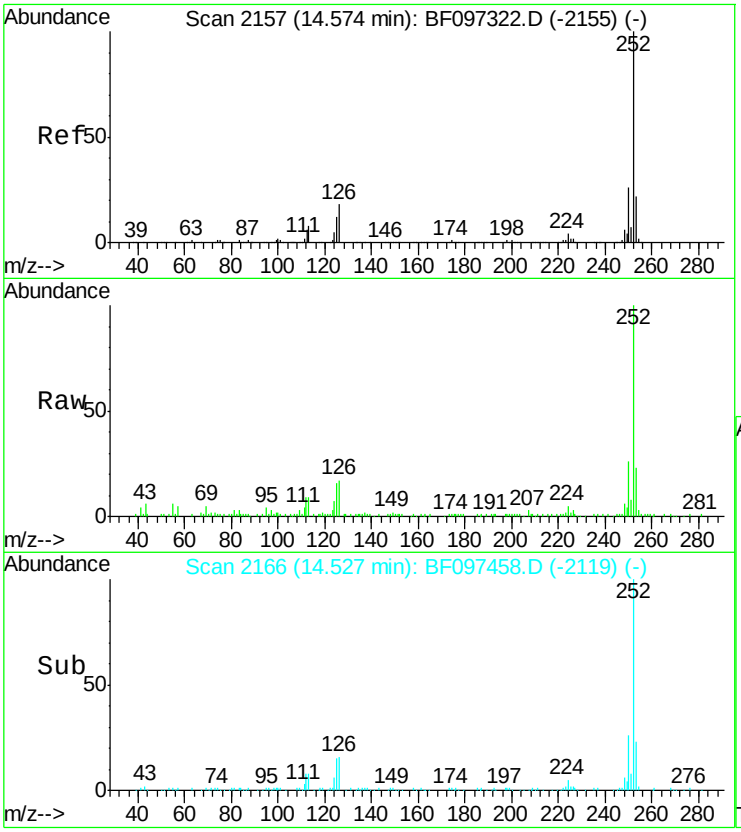


#87
Benzo(b)fluoranthene
Concen: 13.69 ng
RT: 14.53 min Scan# 2166
Delta R.T. 0.00 min
Lab File: BF097458.D
Acq: 8 Aug 2017 5:32

Tgt Ion:252 Resp: 103002

Ion	Ratio	Lower	Upper
252	100		
253	22.7	18.1	27.1
125	16.0	9.8	14.8#



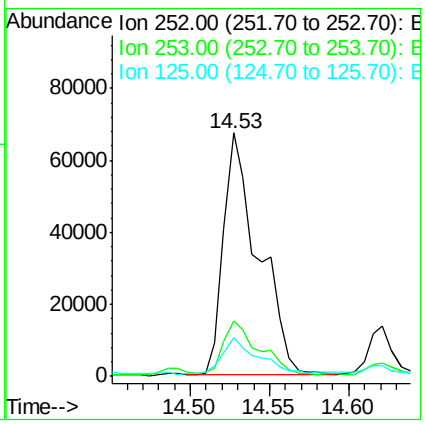


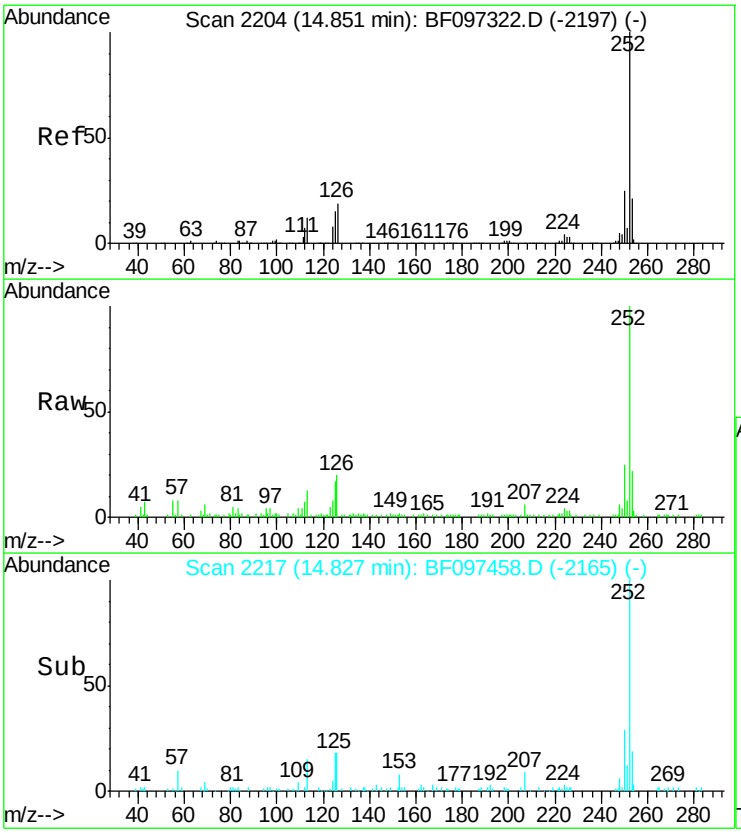
#88
Benzo(k)fluoranthene
Concen: 14.37 ng
RT: 14.53 min Scan# 2166
Delta R.T. -0.02 min
Lab File: BF097458.D
Acq: 8 Aug 2017 5:32

Instrument :
BNA_F
ClientSampleId :
E2-M10-ESW

Tgt Ion:252 Resp: 103002

Ion	Ratio	Lower	Upper
252	100		
253	22.7	18.4	27.6
125	16.0	13.1	19.7

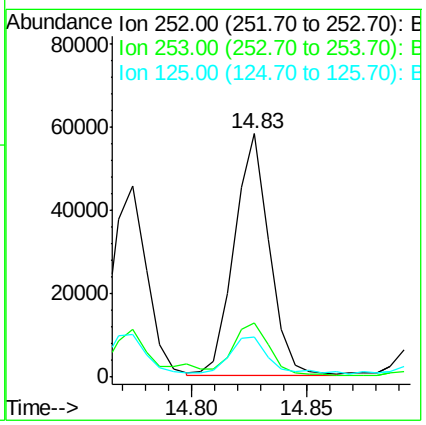


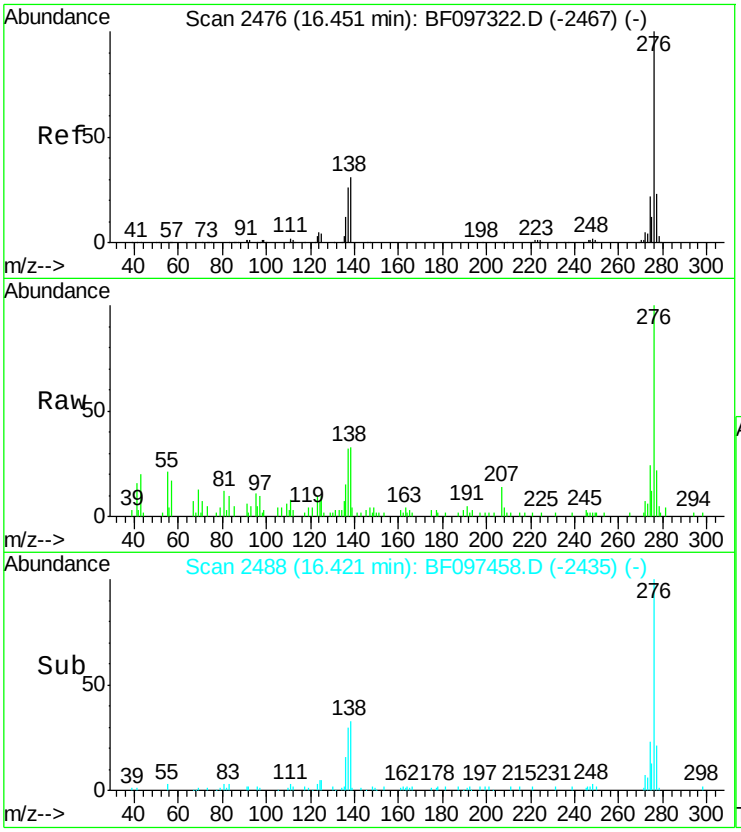


#89
Benzo(a)pyrene
Concen: 8.95 ng
RT: 14.83 min Scan# 2217
Delta R.T. 0.01 min
Lab File: BF097458.D
Acq: 8 Aug 2017 5:32

Tgt Ion:252 Resp: 61604

Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.5	26.3
125	16.6	11.0	16.4#





#91
Benzo(g,h,i)perylene
Concen: 6.16 ng
RT: 16.42 min Scan# 2488
Delta R.T. 0.01 min
Lab File: BF097458.D
Acq: 8 Aug 2017 5:32

Instrument :
BNA_F
ClientSampleId :
E2-M10-ESW

Tgt Ion:276 Resp: 36480

Ion	Ratio	Lower	Upper
276	100		
277	21.5	18.6	28.0
138	33.4	25.4	38.0