Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080917\
Data File : BF097544.D
Acq On : 10 Aug 2017 4:30
Operator : SJ/JU
Sample : I4646-05
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : E2-L10-BASE

Quant Time: Aug 10 05:08:38 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	6.40	152	100122	20.00	ng		-0.01
21) Naphthalene-d8	7.68	136	449202	20.00	ng		-0.02
38) Acenaphthene-d10	9.42	164	181969	20.00	ng		-0.02
63) Phenanthrene-d10	10.89	188	272414	20.00	ng		-0.02
75) Chrysene-d12	13.52	240	192544	20.00	ng		-0.02
86) Perylene-d12	14.86	264	180935	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	4.99	112	529507	79.73	ng		-0.02
7) Phenol-d6	6.07	99	654779	86.36	ng		-0.02
23) Nitrobenzene-d5	6.97	82	408071	53.29	ng		-0.02
41) 2,4,6-Tribromophenol	10.21	330	106151	73.83	ng		-0.02
44) 2-Fluorobiphenyl	8.76	172	673179	62.78	ng		-0.02
78) Terphenyl-d14	12.47	244	405389	42.93	ng		-0.02
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	6.97	70	54317	10.88	ng	#	87
25) Isophorone	6.97	82	408068	27.21	ng	#	67
49) Dimethylphthalate	9.16	163	133708	9.68	ng		100
56) 2,4-Dinitrotoluene	9.42	165	22938	6.81	ng	#	33
66) 4-Bromophenyl-phenylether	10.21	248	6734	2.48	ng	#	1
70) Phenanthrene	10.92	178	157620	10.80	ng		97
71) Anthracene	10.92	178	157620	10.54	ng		97
74) Fluoranthene	12.10	202	167957	11.75	ng		98
77) Pyrene	12.32	202	140443	8.91	ng		99
80) Benzo(a)anthracene	13.51	228	57827	4.64	ng		98
82) Chrysene	13.54	228	50788	4.17	ng		98
85) Indeno(1,2,3-cd)pyrene	16.05	276	23769	2.28	ng		98
87) Benzo(b)fluoranthene	14.52	252	84672	7.78	ng	#	95
88) Benzo(k)fluoranthene	14.52	252	84672	8.17	ng		99
89) Benzo(a)pyrene	14.81	252	45008	4.52	ng	#	95
91) Benzo(g,h,i)perylene	16.40	276	20267	2.37	ng	#	89

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

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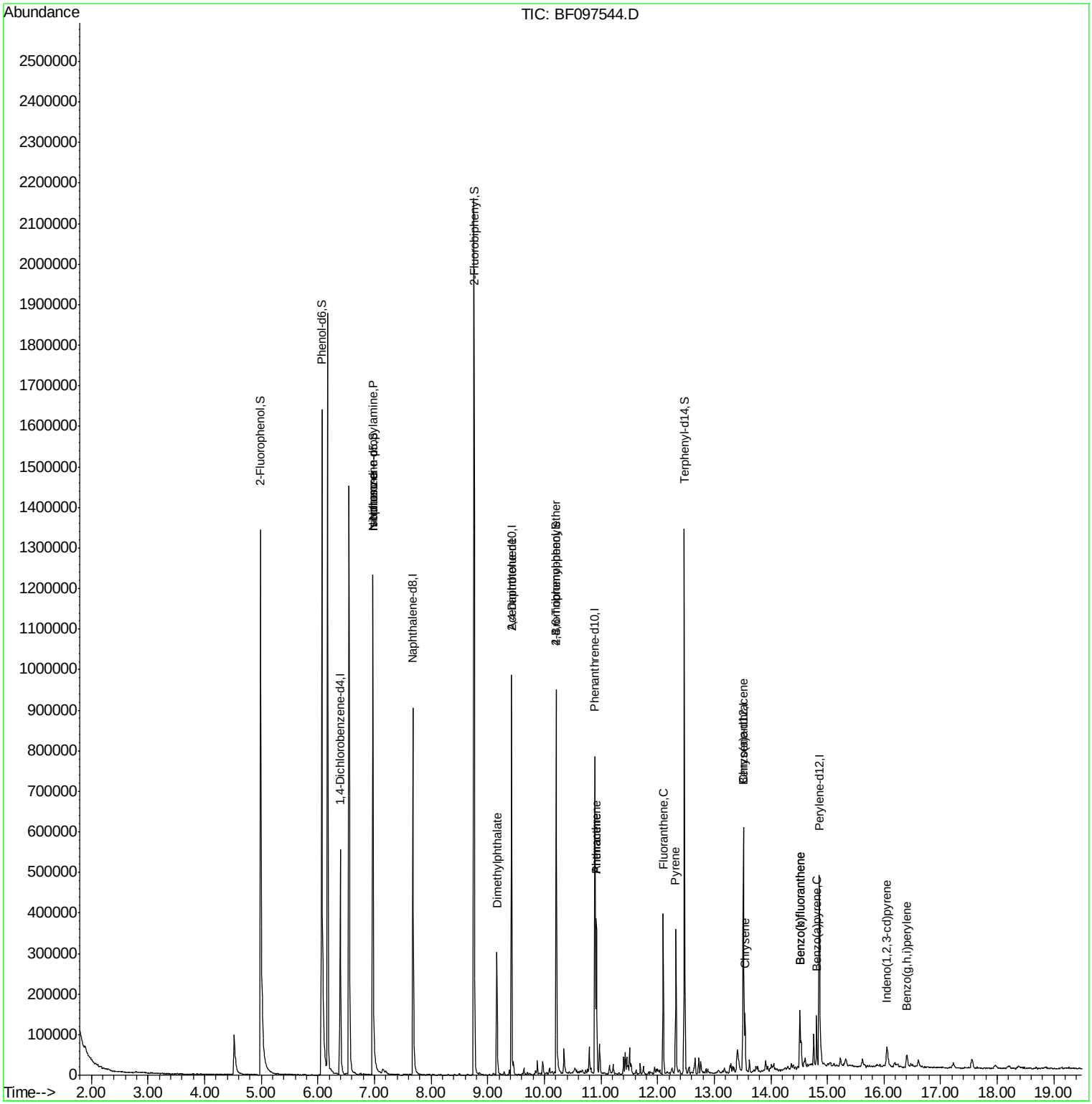
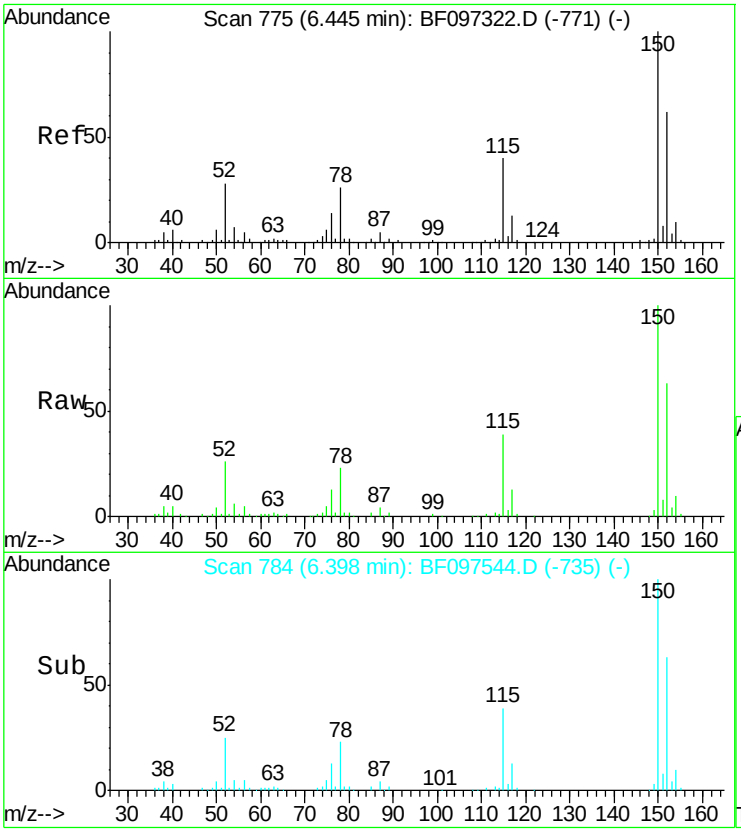


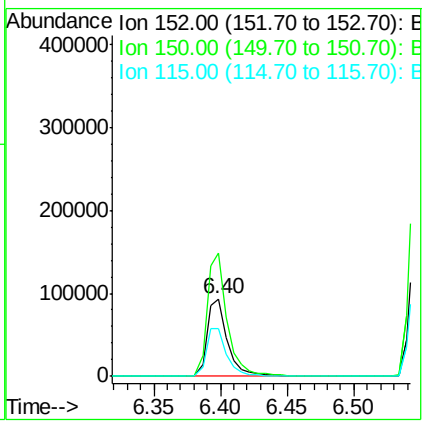


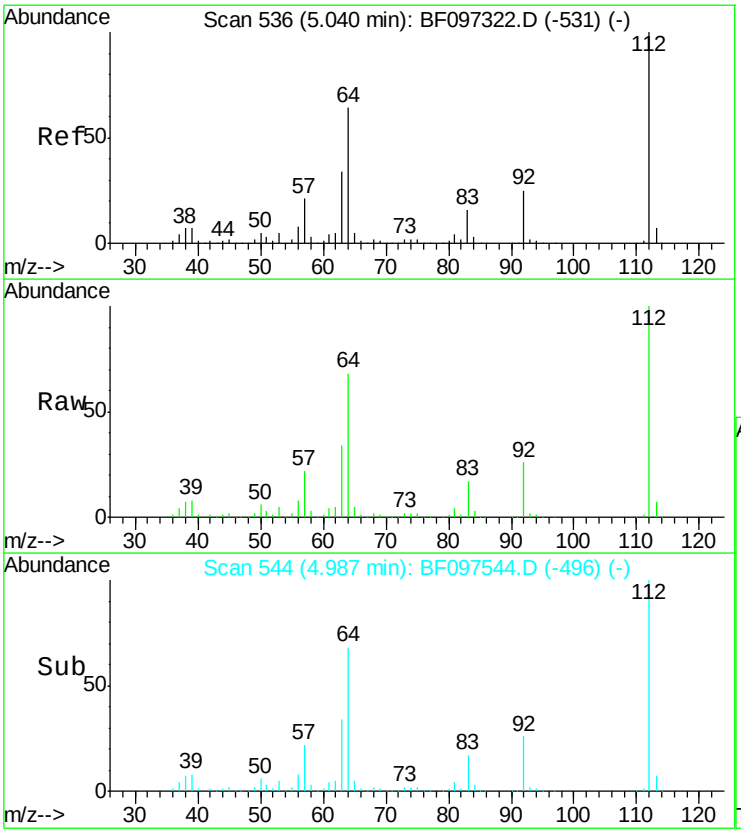
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.40 min Scan# 784
Delta R.T. -0.01 min
Lab File: BF097544.D
Acq: 10 Aug 2017 4:30

Instrument :
BNA_F
ClientSampleId :
E2-L10-BASE

Tgt Ion:152 Resp: 100122

Ion	Ratio	Lower	Upper
152	100		
150	158.6	126.2	189.2
115	61.6	52.2	78.2

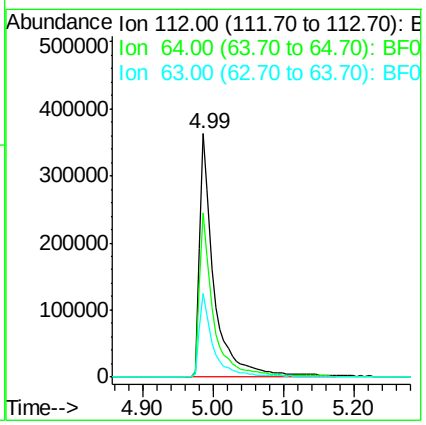


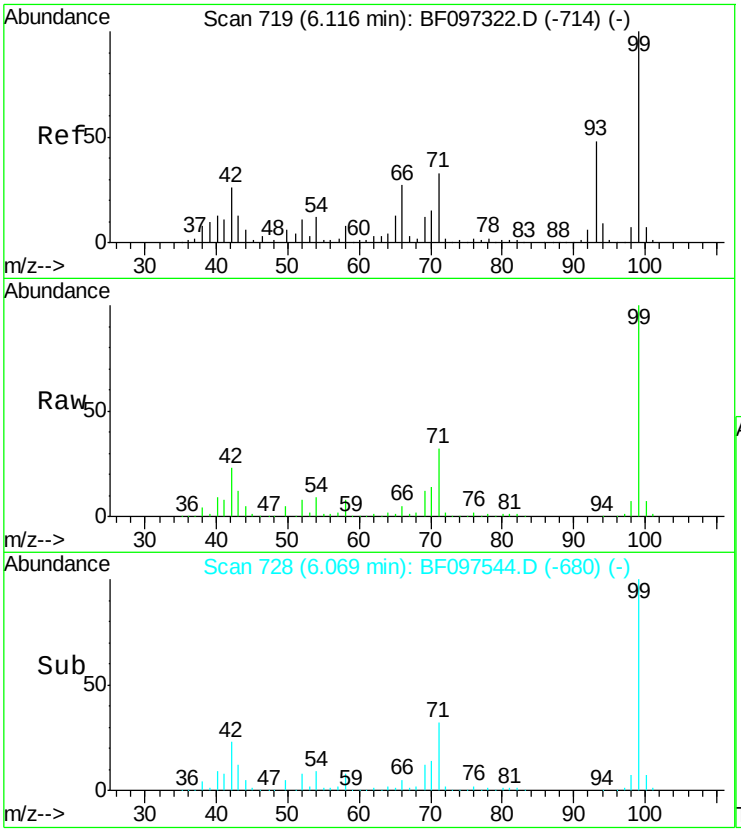


#5
2-Fluorophenol
Concen: 79.73 ng
RT: 4.99 min Scan# 544
Delta R.T. -0.02 min
Lab File: BF097544.D
Acq: 10 Aug 2017 4:30

Tgt Ion:112 Resp: 529507

Ion	Ratio	Lower	Upper
112	100		
64	67.6	46.0	69.0
63	34.2	23.4	35.0



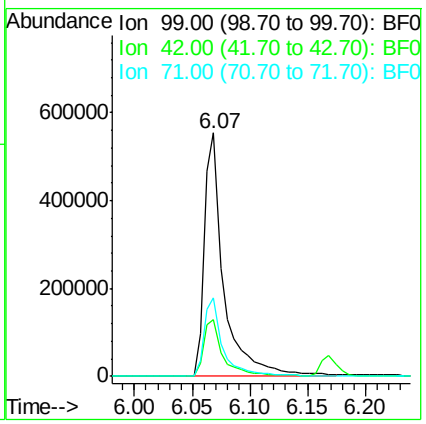


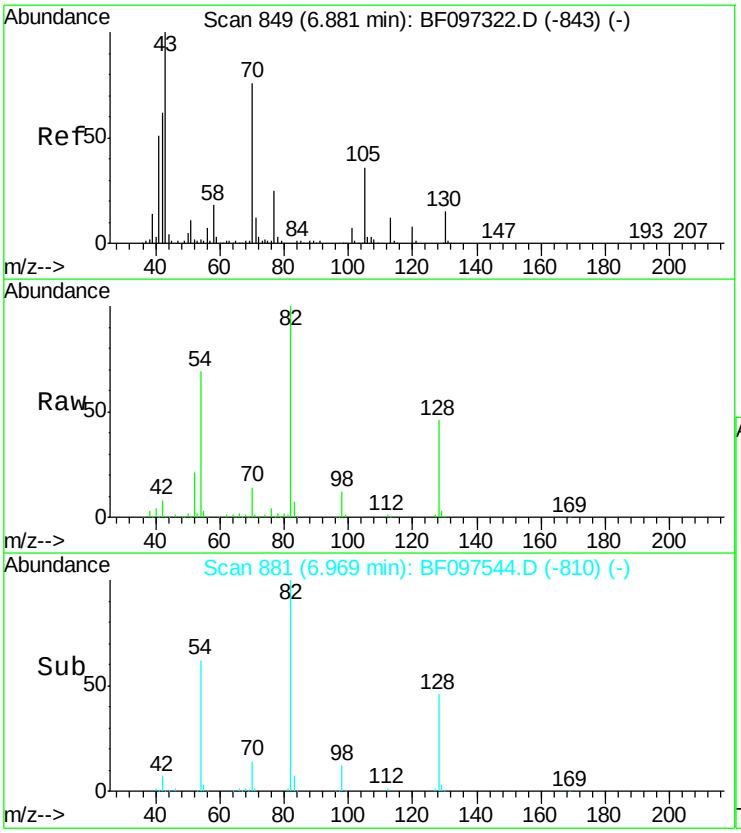
#7
Phenol-d6
Concen: 86.36 ng
RT: 6.07 min Scan# 728
Delta R.T. -0.02 min
Lab File: BF097544.D
Acq: 10 Aug 2017 4:30

Instrument :
BNA_F
ClientSampleId :
E2-L10-BASE

Tgt Ion: 99 Resp: 654779

Ion	Ratio	Lower	Upper
99	100		
42	23.2	13.5	20.3#
71	32.1	24.5	36.7

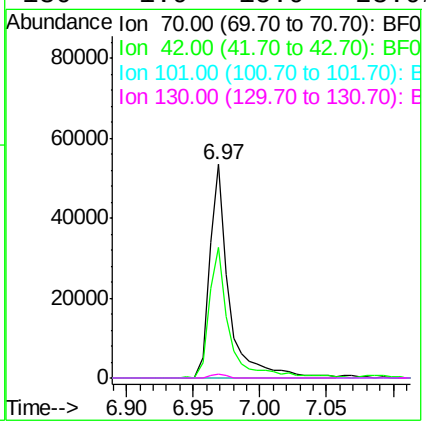


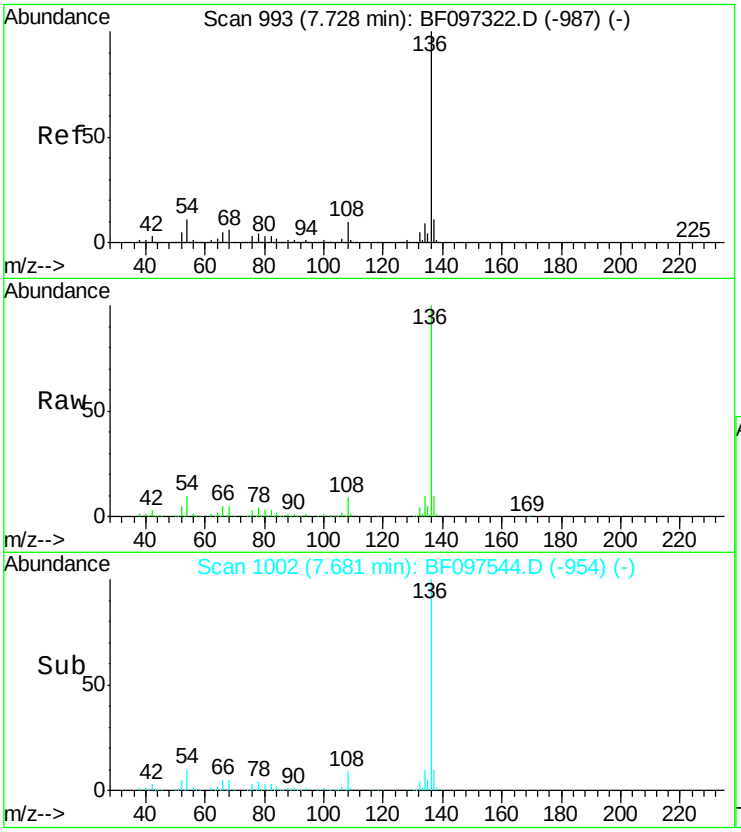


#19
n-Nitroso-di-n-propylamine
Concen: 10.88 ng
RT: 6.97 min Scan# 881
Delta R.T. 0.12 min
Lab File: BF097544.D
Acq: 10 Aug 2017 4:30

Tgt Ion: 70 Resp: 54317

Ion	Ratio	Lower	Upper
70	100		
42	60.9	47.2	70.8
101	0.0	7.2	10.8#
130	1.9	15.9	23.9#



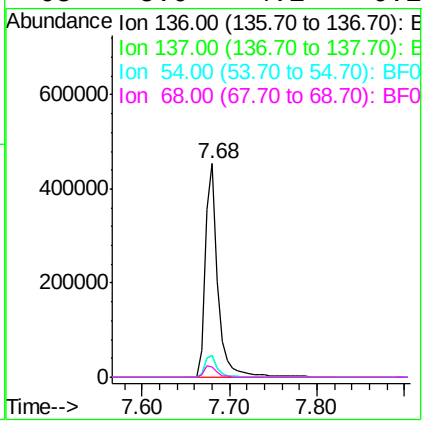


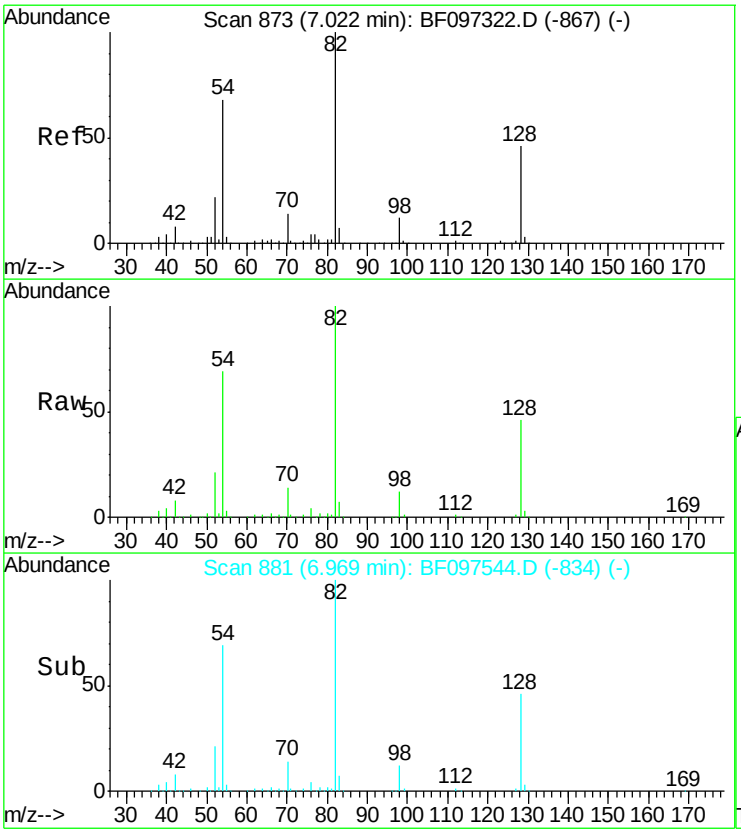
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.68 min Scan# 1002
Delta R.T. -0.02 min
Lab File: BF097544.D
Acq: 10 Aug 2017 4:30

Instrument :
BNA_F
ClientSampleId :
E2-L10-BASE

Tgt Ion:136 Resp: 449202

Ion	Ratio	Lower	Upper
136	100		
137	10.4	8.5	12.7
54	10.4	4.9	7.3#
68	5.0	4.1	6.1

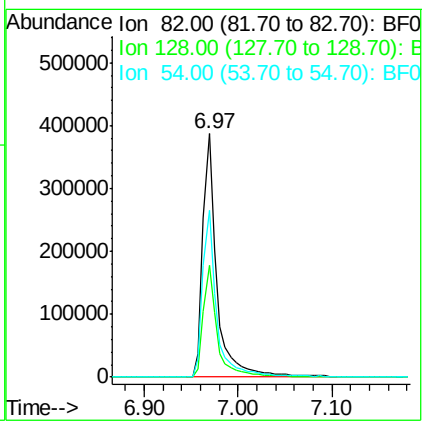


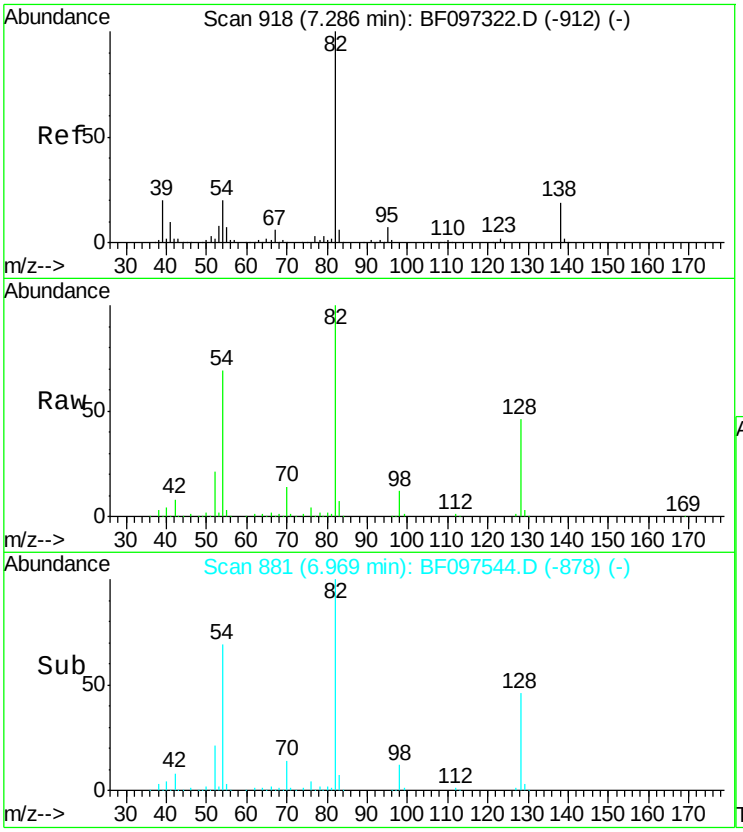


#23
Nitrobenzene-d5
Concen: 53.29 ng
RT: 6.97 min Scan# 881
Delta R.T. -0.02 min
Lab File: BF097544.D
Acq: 10 Aug 2017 4:30

Tgt Ion: 82 Resp: 408071

Ion	Ratio	Lower	Upper
82	100		
128	46.0	34.0	51.0
54	68.5	42.2	63.2#



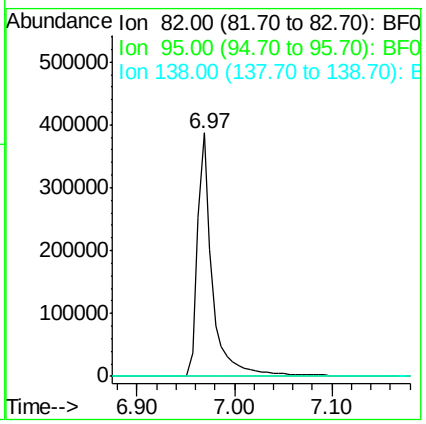


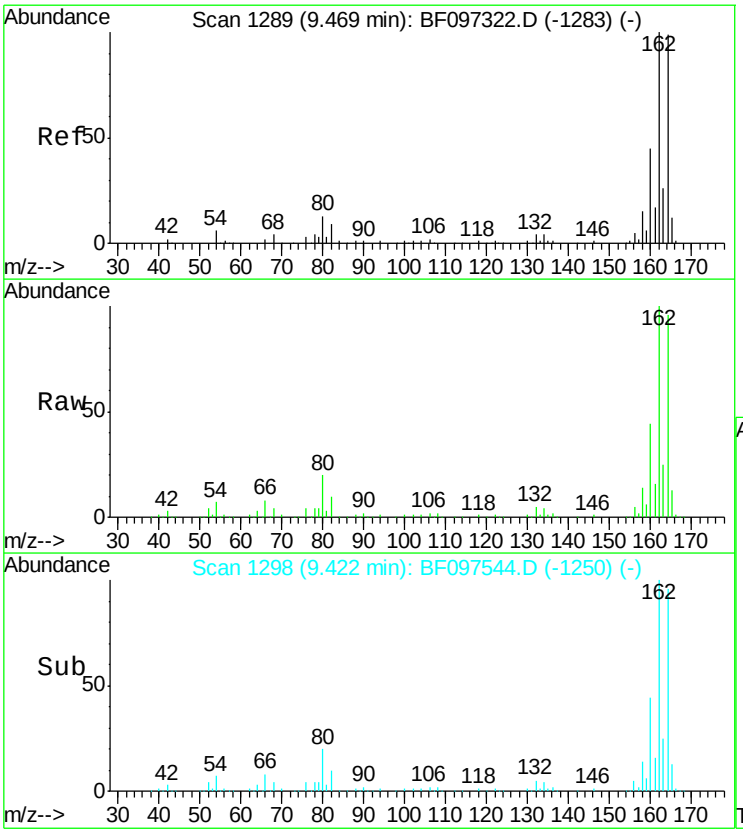
#25
Isophorone
Concen: 27.21 ng
RT: 6.97 min Scan# 881
Delta R.T. -0.28 min
Lab File: BF097544.D
Acq: 10 Aug 2017 4:30

Instrument :
BNA_F
ClientSampleId :
E2-L10-BASE

Tgt Ion: 82 Resp: 408068

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

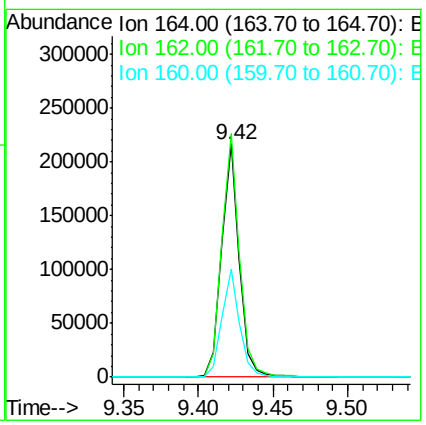


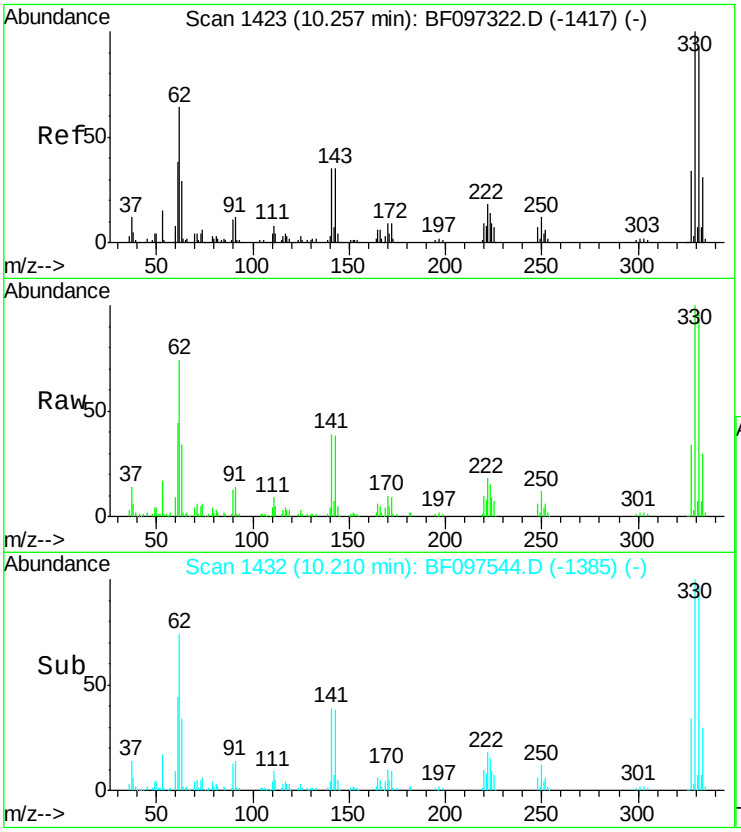


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.42 min Scan# 1298
Delta R.T. -0.02 min
Lab File: BF097544.D
Acq: 10 Aug 2017 4:30

Tgt Ion:164 Resp: 181969

Ion	Ratio	Lower	Upper
164	100		
162	104.5	82.6	123.8
160	46.2	36.2	54.2



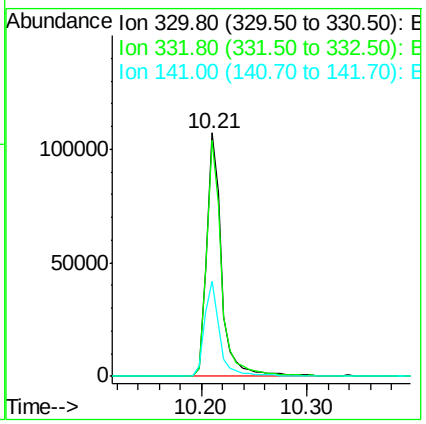


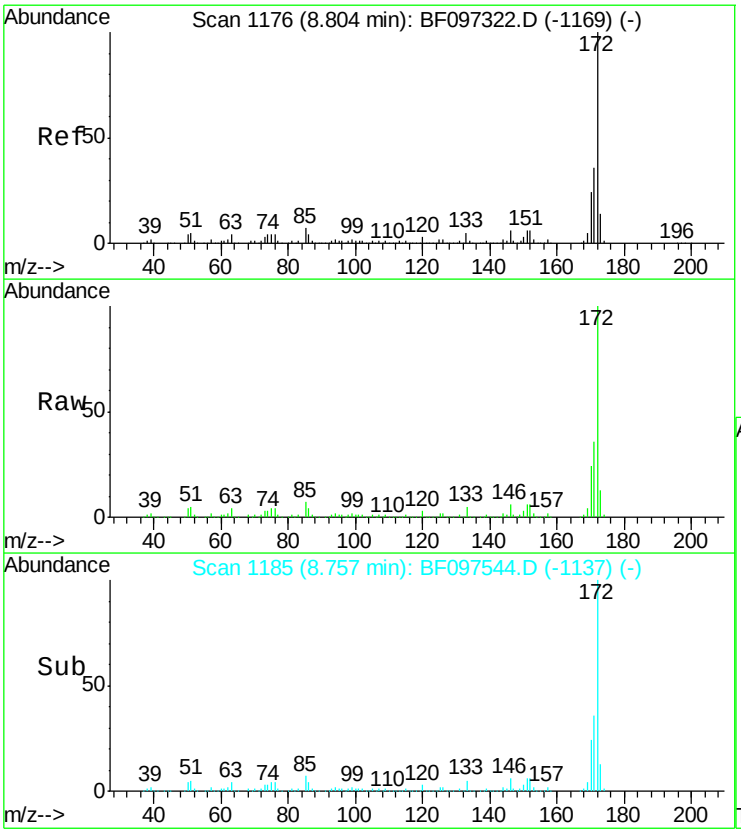
#41
2,4,6-Tribromophenol
Concen: 73.83 ng
RT: 10.21 min Scan# 1432
Delta R.T. -0.02 min
Lab File: BF097544.D
Acq: 10 Aug 2017 4:30

Instrument :
BNA_F
ClientSampleId :
E2-L10-BASE

Tgt Ion:330 Resp: 106151

Ion	Ratio	Lower	Upper
330	100		
332	97.8	76.6	115.0
141	39.2	31.4	47.2

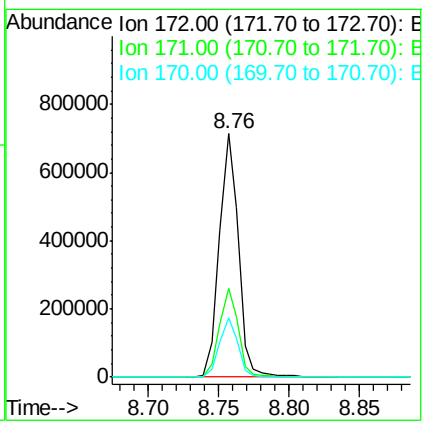


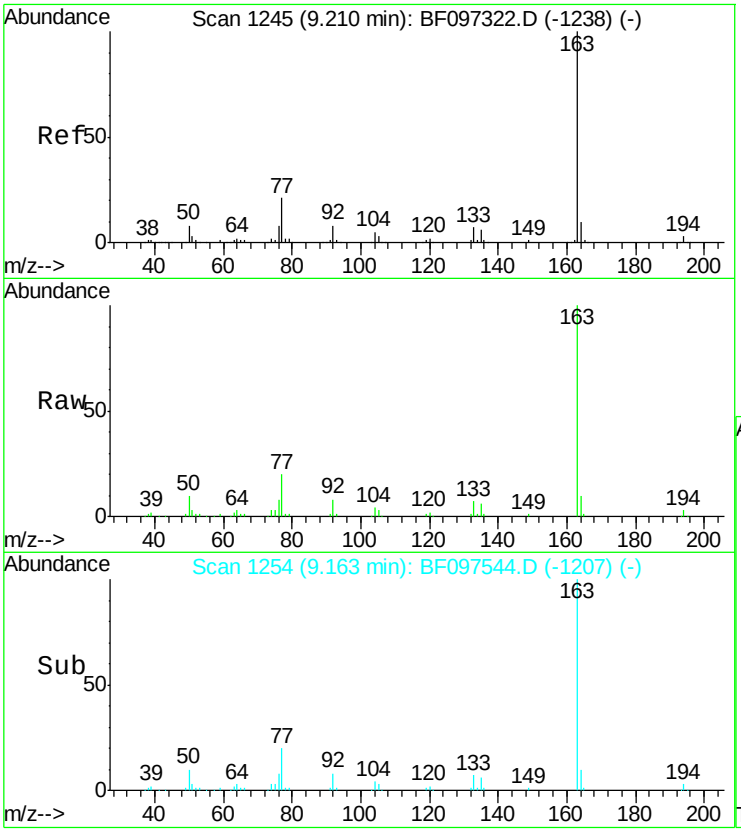


#44
2-Fluorobiphenyl
Concen: 62.78 ng
RT: 8.76 min Scan# 1185
Delta R.T. -0.02 min
Lab File: BF097544.D
Acq: 10 Aug 2017 4:30

Tgt Ion:172 Resp: 673179

Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.6	44.4
170	24.2	19.8	29.8



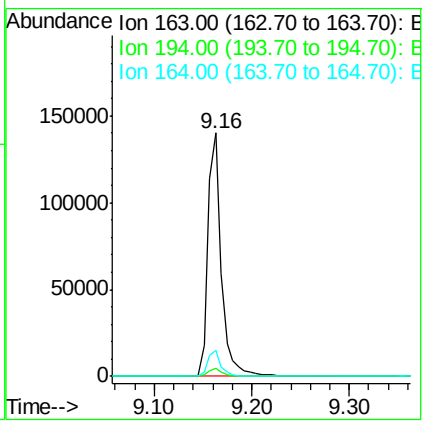


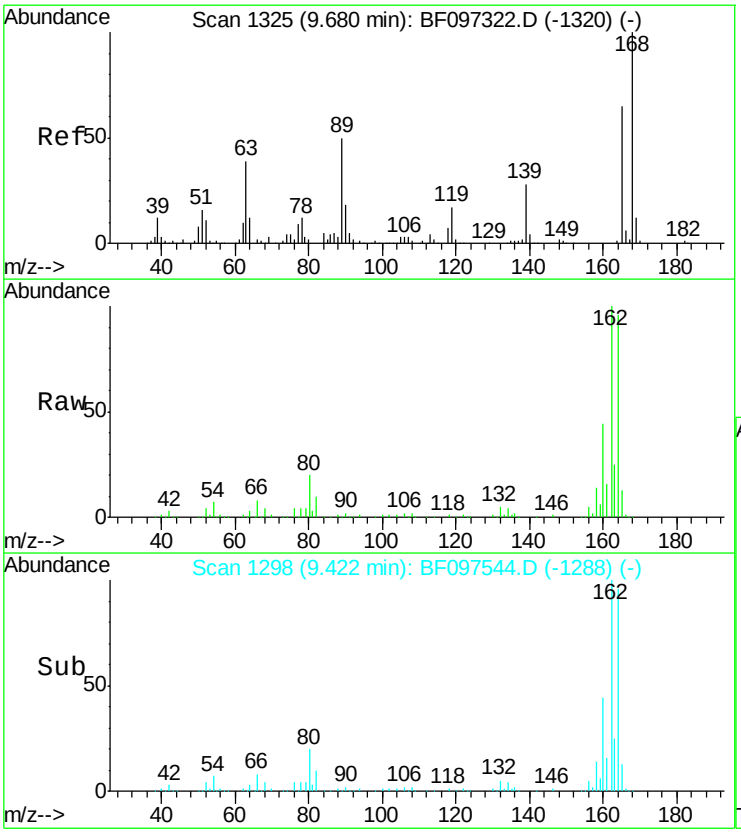
#49
Dimethylphthalate
Concen: 9.68 ng
RT: 9.16 min Scan# 1254
Delta R.T. -0.02 min
Lab File: BF097544.D
Acq: 10 Aug 2017 4:30

Instrument :
BNA_F
ClientSampleId :
E2-L10-BASE

Tgt Ion:163 Resp: 133708

Ion	Ratio	Lower	Upper
163	100		
194	3.2	2.6	4.0
164	10.5	8.4	12.6

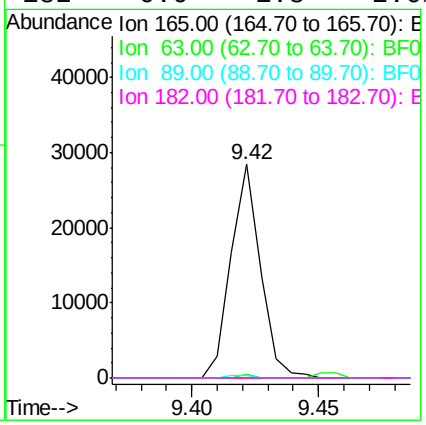


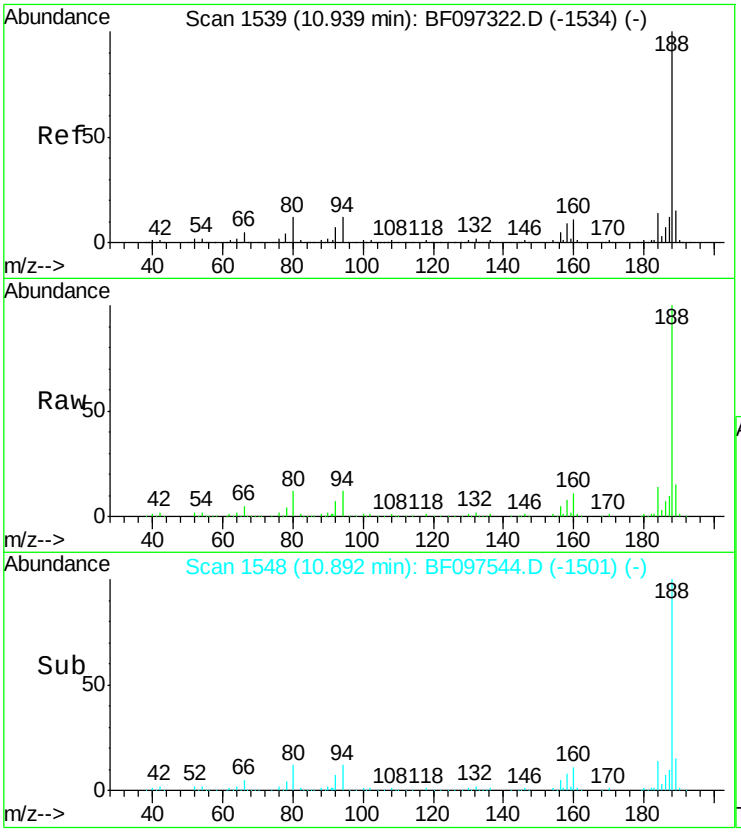


#56
2,4-Dinitrotoluene
Concen: 6.81 ng
RT: 9.42 min Scan# 1298
Delta R.T. -0.24 min
Lab File: BF097544.D
Acq: 10 Aug 2017 4:30

Tgt Ion:165 Resp: 22938

Ion	Ratio	Lower	Upper
165	100		
63	1.7	25.4	38.0#
89	1.4	46.4	69.6#
182	0.0	1.8	2.6#



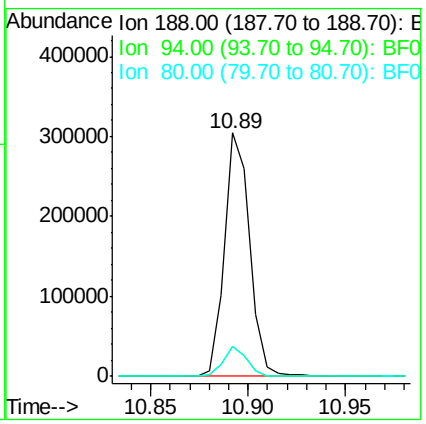


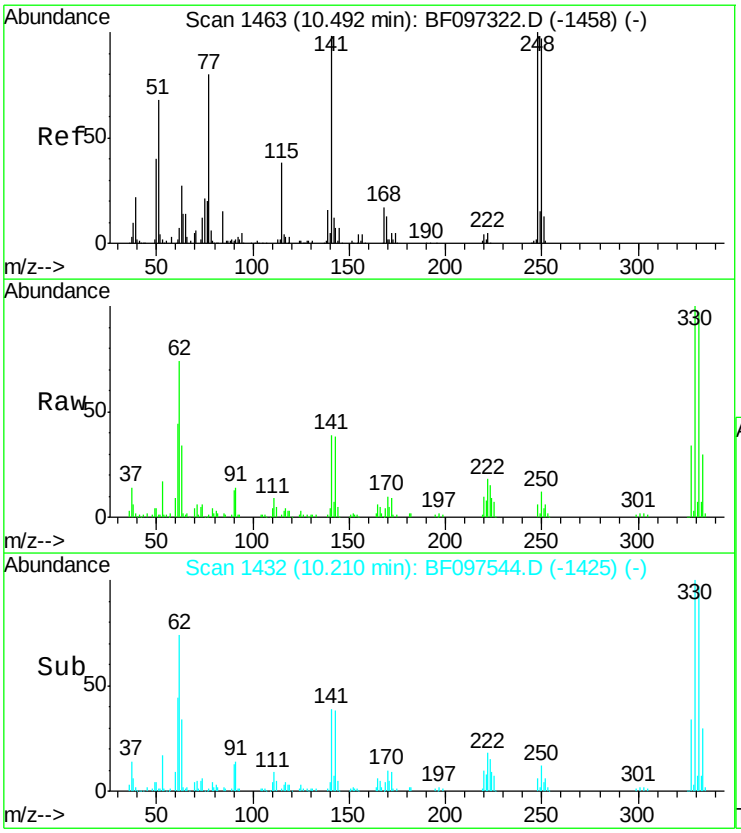
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 10.89 min Scan# 1548
Delta R.T. -0.02 min
Lab File: BF097544.D
Acq: 10 Aug 2017 4:30

Instrument :
BNA_F
ClientSampleId :
E2-L10-BASE

Tgt Ion:188 Resp: 272414

Ion	Ratio	Lower	Upper
188	100		
94	12.4	9.4	14.2
80	12.3	10.2	15.2

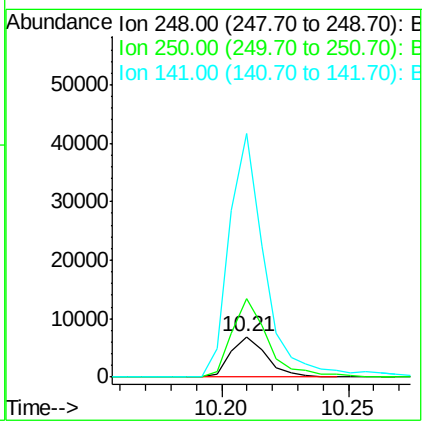


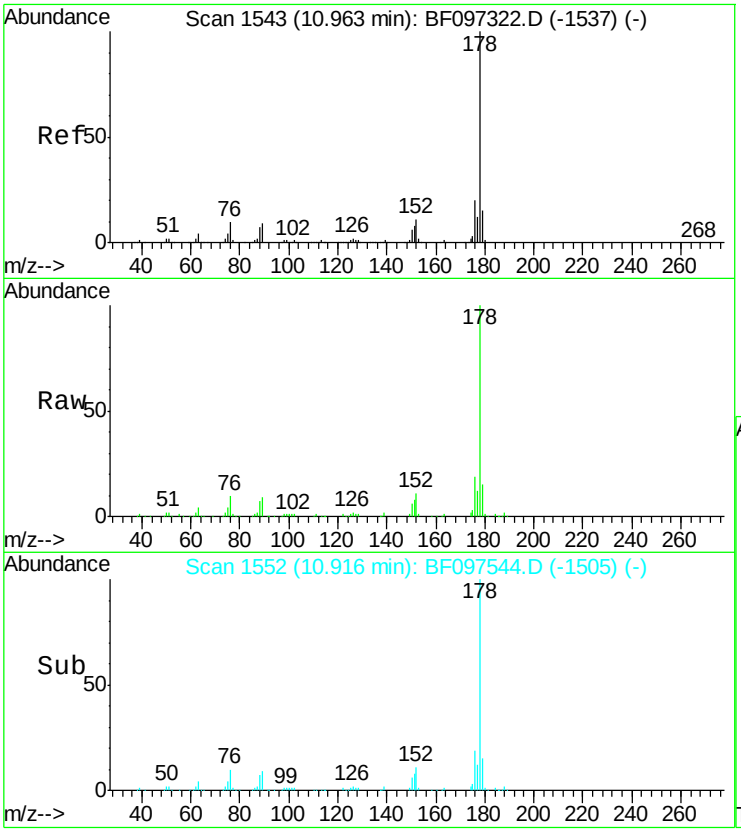


#66
4-Bromophenyl-phenylether
Concen: 2.48 ng
RT: 10.21 min Scan# 1432
Delta R.T. -0.26 min
Lab File: BF097544.D
Acq: 10 Aug 2017 4:30

Tgt Ion:248 Resp: 6734

Ion	Ratio	Lower	Upper
248	100		
250	193.0	76.8	115.2#
141	603.4	68.6	103.0#



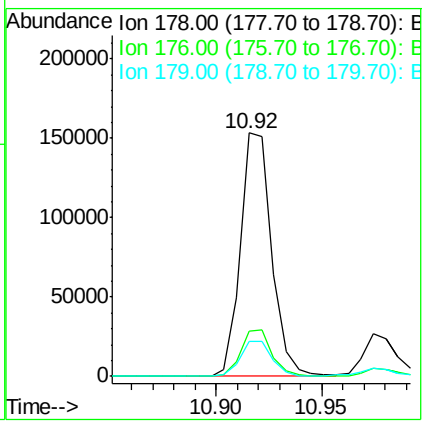


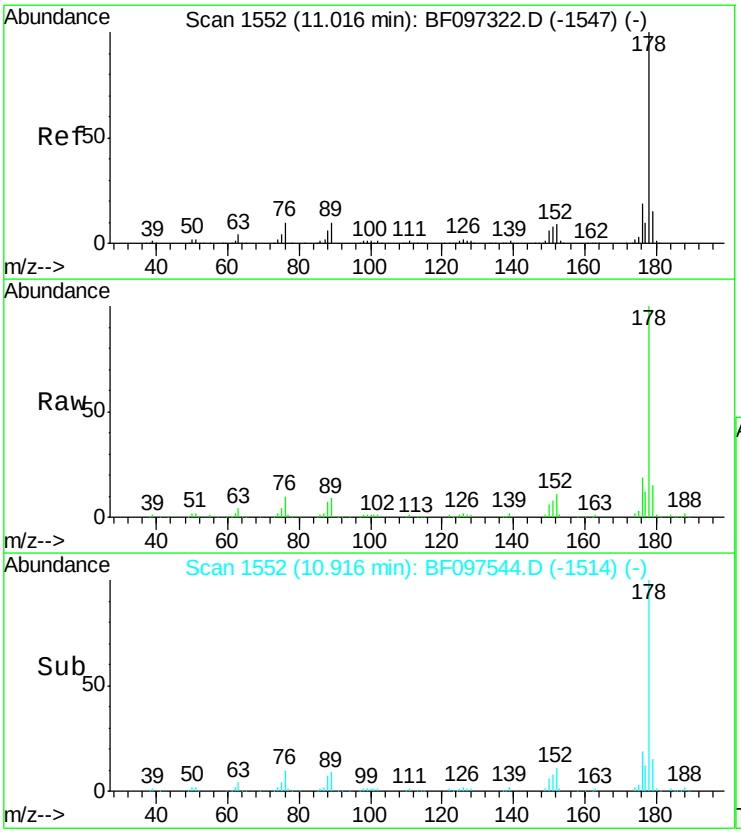
#70
Phenanthrene
Concen: 10.80 ng
RT: 10.92 min Scan# 1552
Delta R.T. -0.02 min
Lab File: BF097544.D
Acq: 10 Aug 2017 4:30

Instrument :
BNA_F
ClientSampleId :
E2-L10-BASE

Tgt Ion:178 Resp: 157620

Ion	Ratio	Lower	Upper
178	100		
176	18.8	16.2	24.4
179	14.5	12.6	19.0

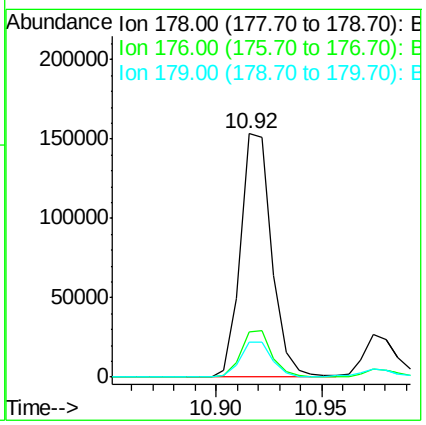


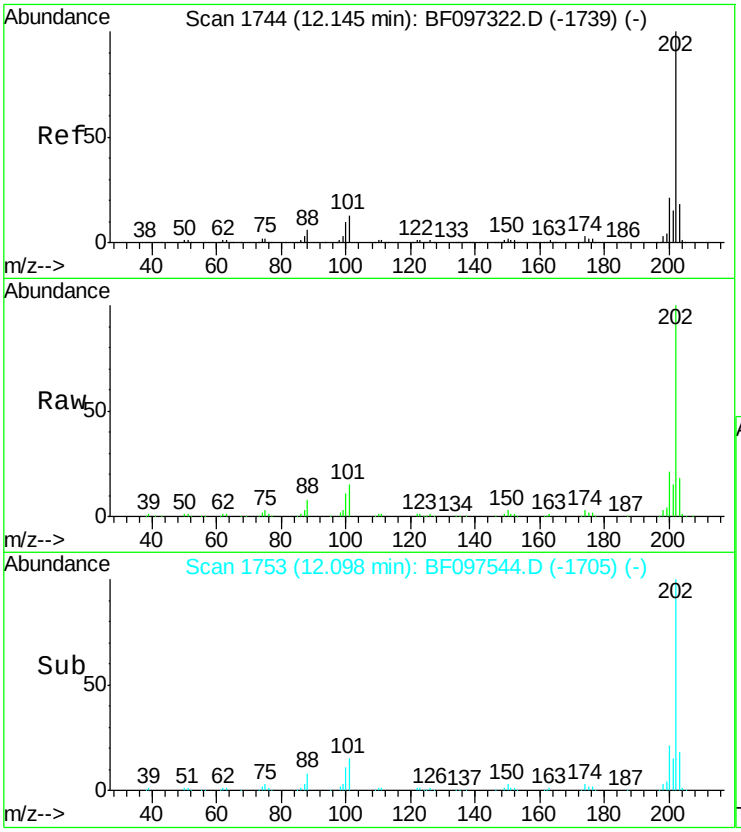


#71
Anthracene
Concen: 10.54 ng
RT: 10.92 min Scan# 1552
Delta R.T. -0.08 min
Lab File: BF097544.D
Acq: 10 Aug 2017 4:30

Tgt Ion:178 Resp: 157620

Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.8	23.8
179	14.5	12.7	19.1



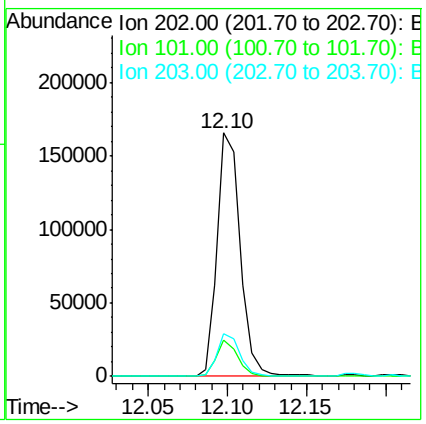


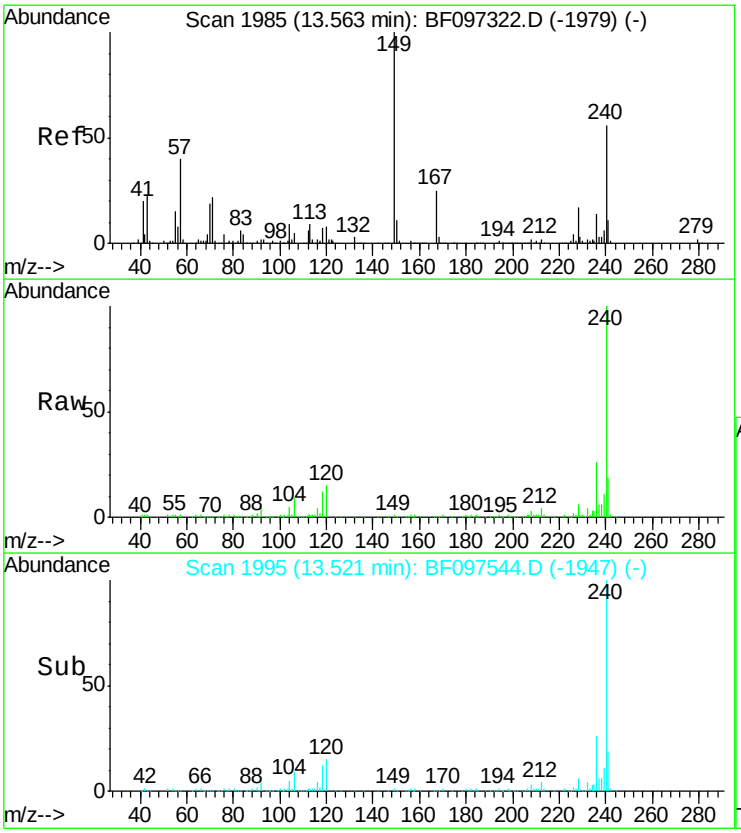
#74
Fluoranthene
Concen: 11.75 ng
RT: 12.10 min Scan# 1753
Delta R.T. -0.02 min
Lab File: BF097544.D
Acq: 10 Aug 2017 4:30

Instrument :
BNA_F
ClientSampleId :
E2-L10-BASE

Tgt Ion:202 Resp: 167957

Ion	Ratio	Lower	Upper
202	100		
101	14.7	0.0	33.2
203	17.6	0.0	38.1

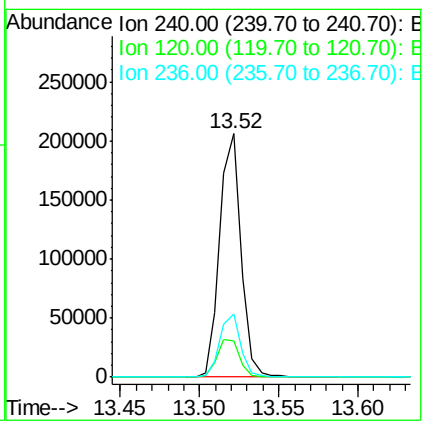


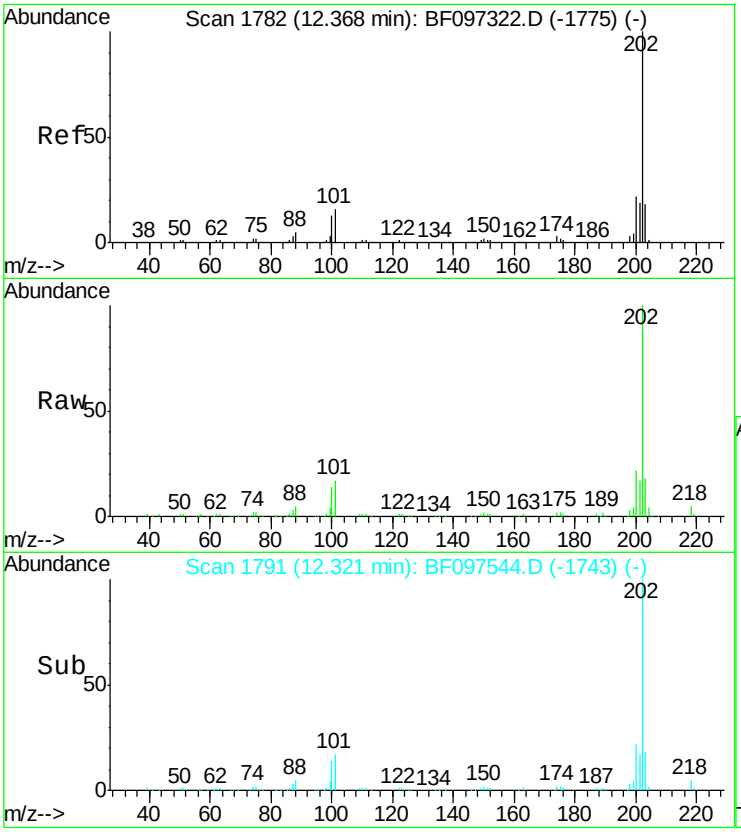


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.52 min Scan# 1995
Delta R.T. -0.02 min
Lab File: BF097544.D
Acq: 10 Aug 2017 4:30

Tgt Ion:240 Resp: 192544

Ion	Ratio	Lower	Upper
240	100		
120	15.1	5.8	8.8#
236	26.2	20.5	30.7



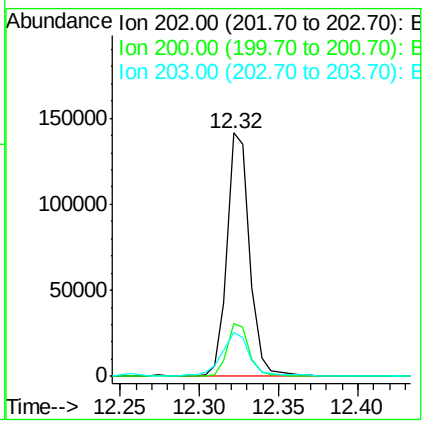


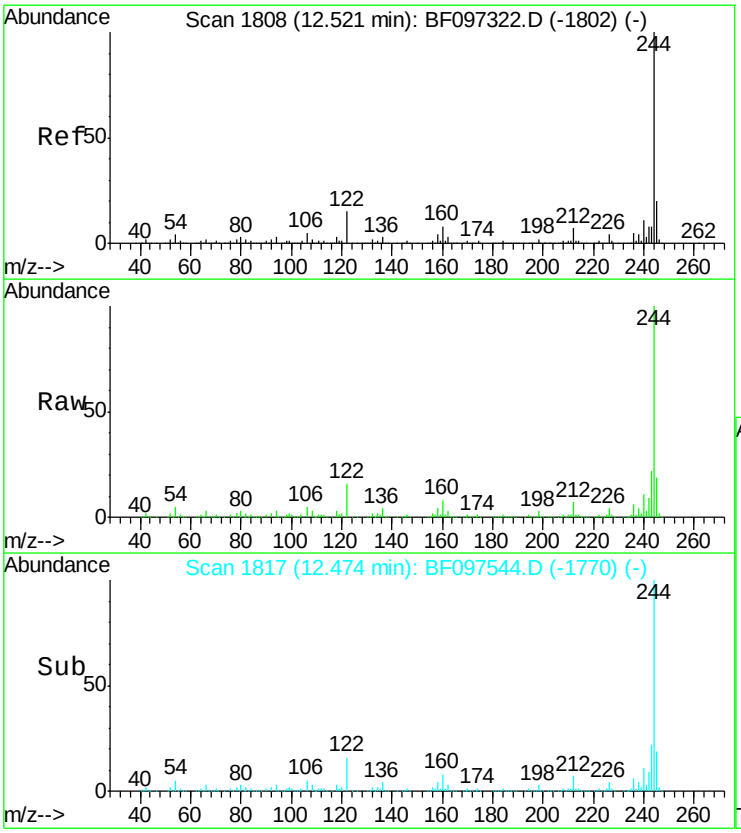
#77
Pyrene
Concen: 8.91 ng
RT: 12.32 min Scan# 1791
Delta R.T. -0.02 min
Lab File: BF097544.D
Acq: 10 Aug 2017 4:30

Instrument :
BNA_F
ClientSampleId :
E2-L10-BASE

Tgt Ion:202 Resp: 140443

Ion	Ratio	Lower	Upper
202	100		
200	21.6	17.6	26.4
203	18.1	14.4	21.6

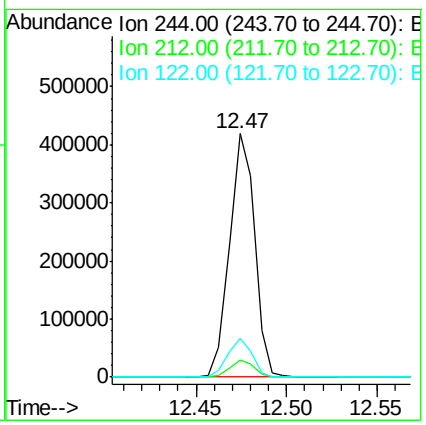


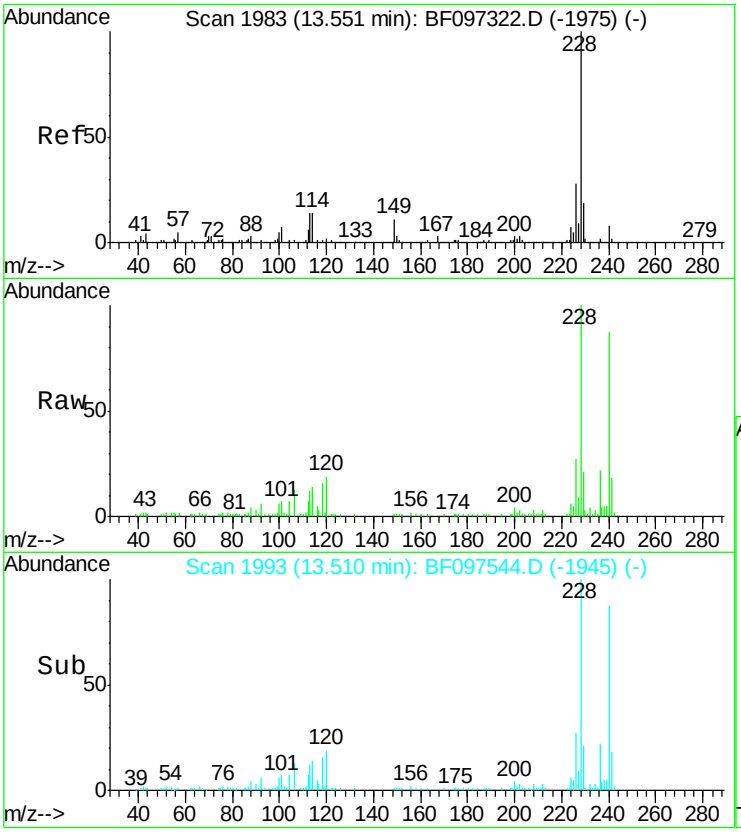


#78
Terphenyl-d14
Concen: 42.93 ng
RT: 12.47 min Scan# 1817
Delta R.T. -0.02 min
Lab File: BF097544.D
Acq: 10 Aug 2017 4:30

Tgt Ion:244 Resp: 405389

Ion	Ratio	Lower	Upper
244	100		
212	7.1	6.0	9.0
122	16.0	10.3	15.5#



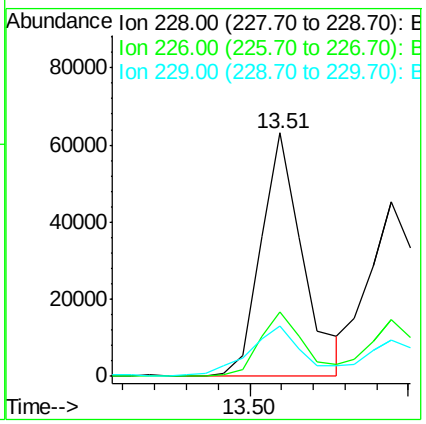


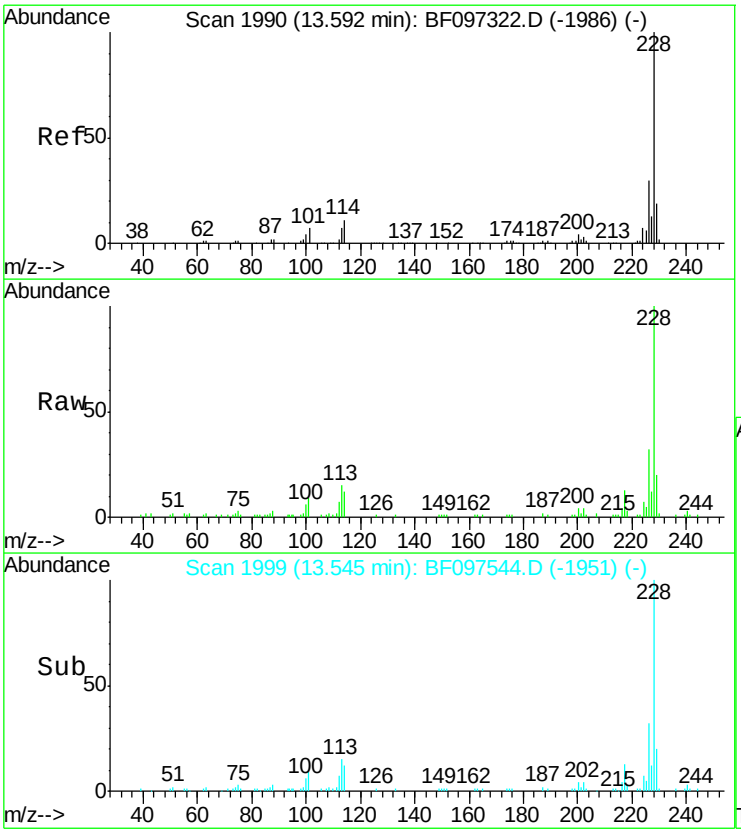
#80
Benzo(a)anthracene
Concen: 4.64 ng
RT: 13.51 min Scan# 1993
Delta R.T. -0.02 min
Lab File: BF097544.D
Acq: 10 Aug 2017 4:30

Instrument :
BNA_F
ClientSampleId :
E2-L10-BASE

Tgt Ion:228 Resp: 57827

Ion	Ratio	Lower	Upper
228	100		
226	26.6	22.6	33.8
229	20.8	16.3	24.5

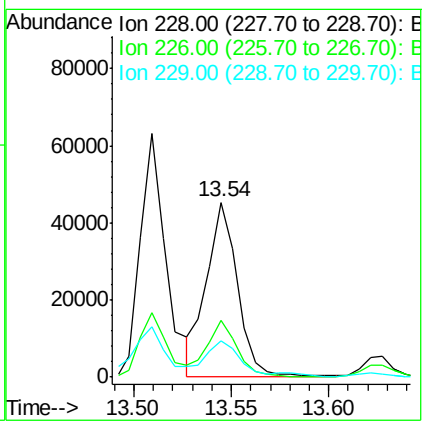


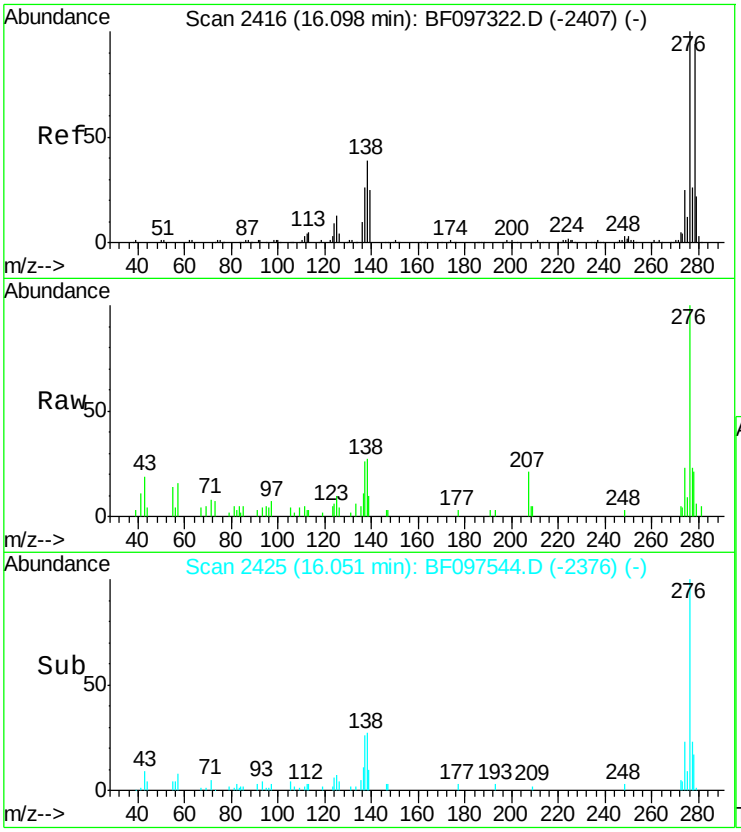


#82
Chrysene
Concen: 4.17 ng
RT: 13.54 min Scan# 1999
Delta R.T. -0.02 min
Lab File: BF097544.D
Acq: 10 Aug 2017 4:30

Tgt Ion:228 Resp: 50788

Ion	Ratio	Lower	Upper
228	100		
226	32.3	24.9	37.3
229	20.4	15.8	23.6



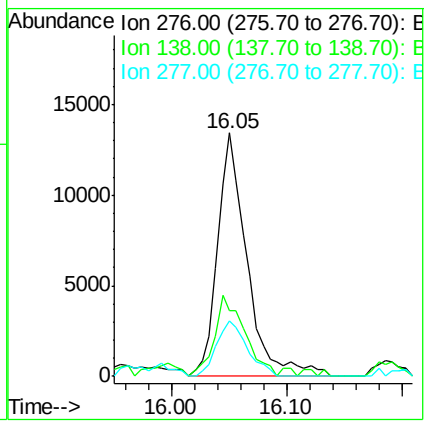


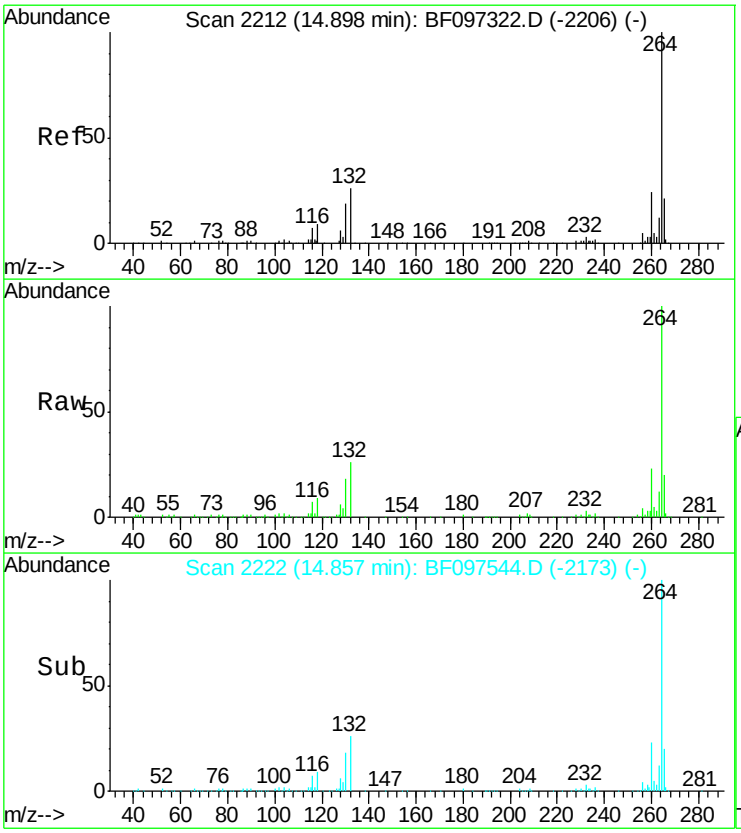
#85
Indeno(1,2,3-cd)pyrene
Concen: 2.28 ng
RT: 16.05 min Scan# 2425
Delta R.T. -0.01 min
Lab File: BF097544.D
Acq: 10 Aug 2017 4:30

Instrument :
BNA_F
ClientSampleId :
E2-L10-BASE

Tgt Ion:276 Resp: 23769

Ion	Ratio	Lower	Upper
276	100		
138	34.0	27.8	41.6
277	23.6	20.2	30.4

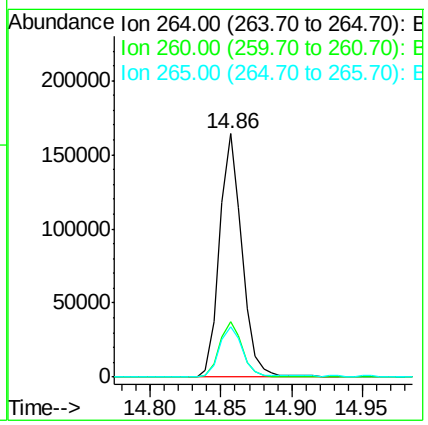


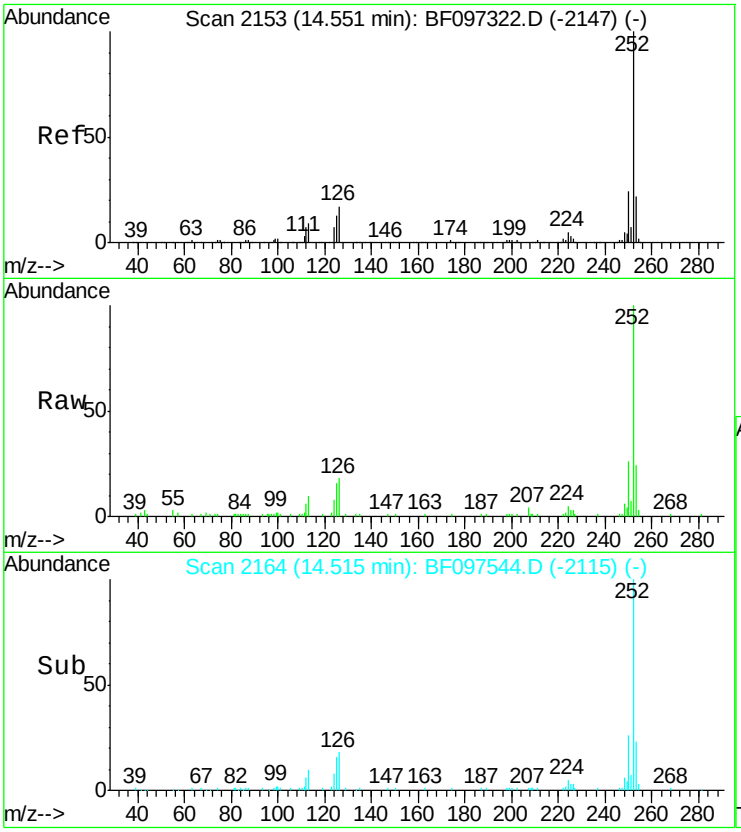


#86
Perylene-d12
Concen: 20.00 ng
RT: 14.86 min Scan# 2222
Delta R.T. -0.01 min
Lab File: BF097544.D
Acq: 10 Aug 2017 4:30

Tgt Ion:264 Resp: 180935

Ion	Ratio	Lower	Upper
264	100		
260	22.7	19.5	29.3
265	20.5	17.2	25.8



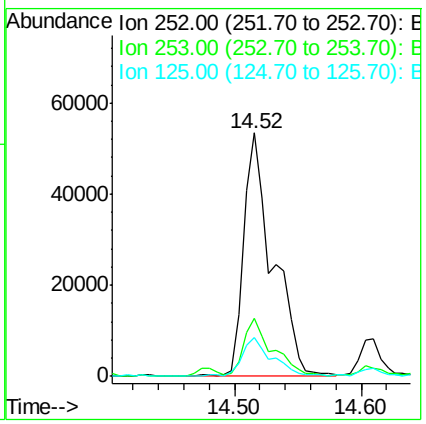


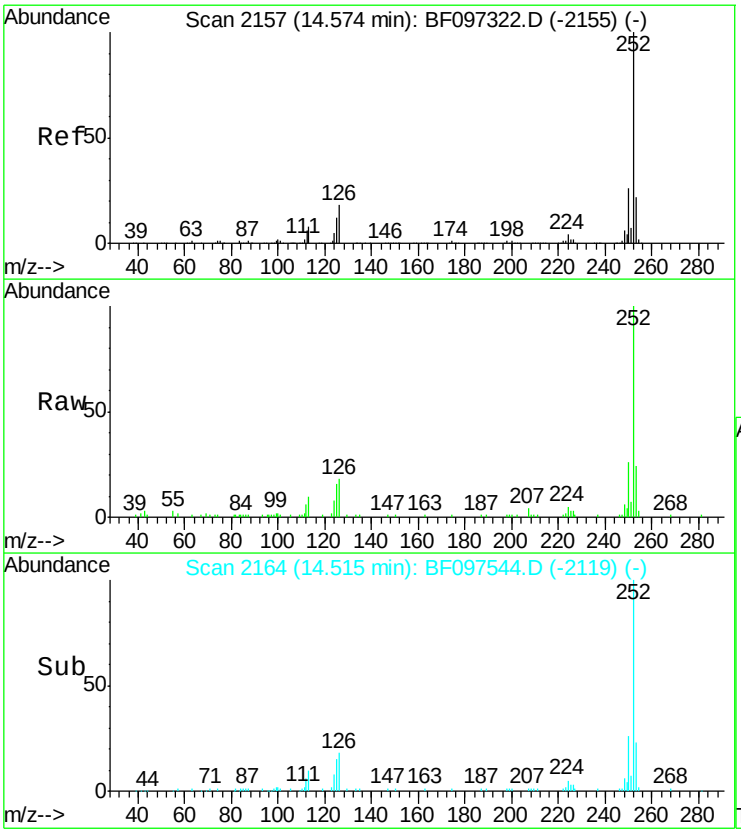
#87
Benzo(b)fluoranthene
Concen: 7.78 ng
RT: 14.52 min Scan# 2164
Delta R.T. -0.01 min
Lab File: BF097544.D
Acq: 10 Aug 2017 4:30

Instrument :
BNA_F
ClientSampleId :
E2-L10-BASE

Tgt Ion:252 Resp: 84672

Ion	Ratio	Lower	Upper
252	100		
253	23.6	18.1	27.1
125	16.0	9.8	14.8#

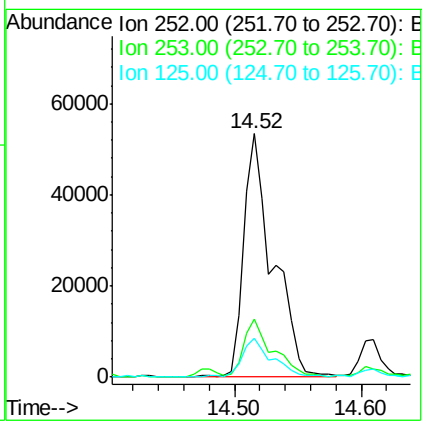


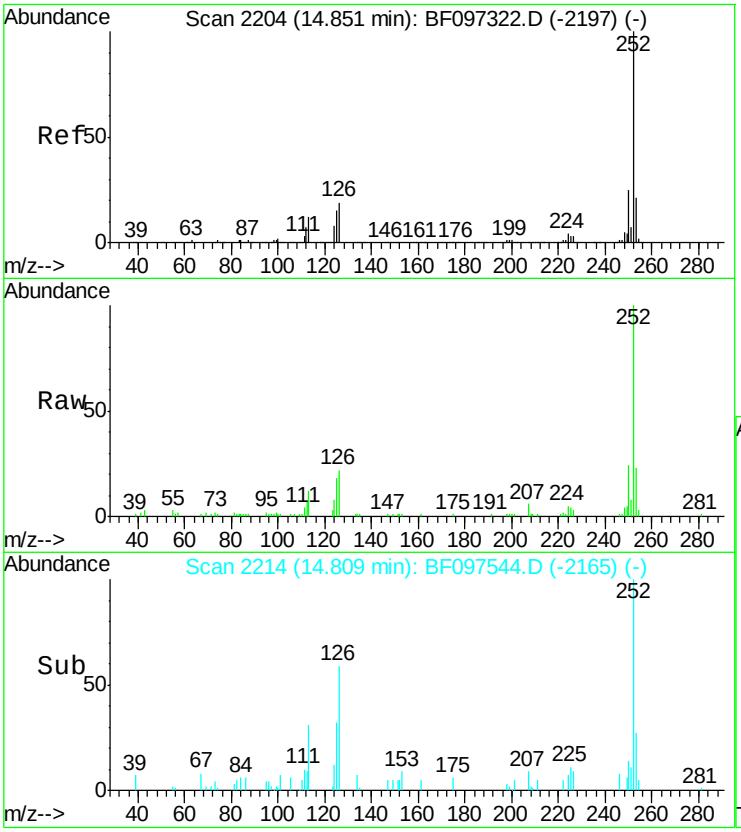


#88
Benzo(k)fluoranthene
Concen: 8.17 ng
RT: 14.52 min Scan# 2164
Delta R.T. -0.04 min
Lab File: BF097544.D
Acq: 10 Aug 2017 4:30

Tgt Ion:252 Resp: 84672

Ion	Ratio	Lower	Upper
252	100		
253	23.6	18.4	27.6
125	16.0	13.1	19.7



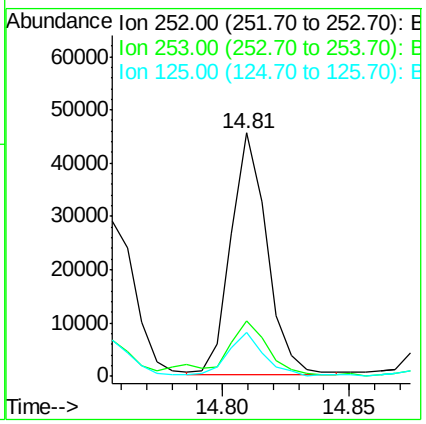


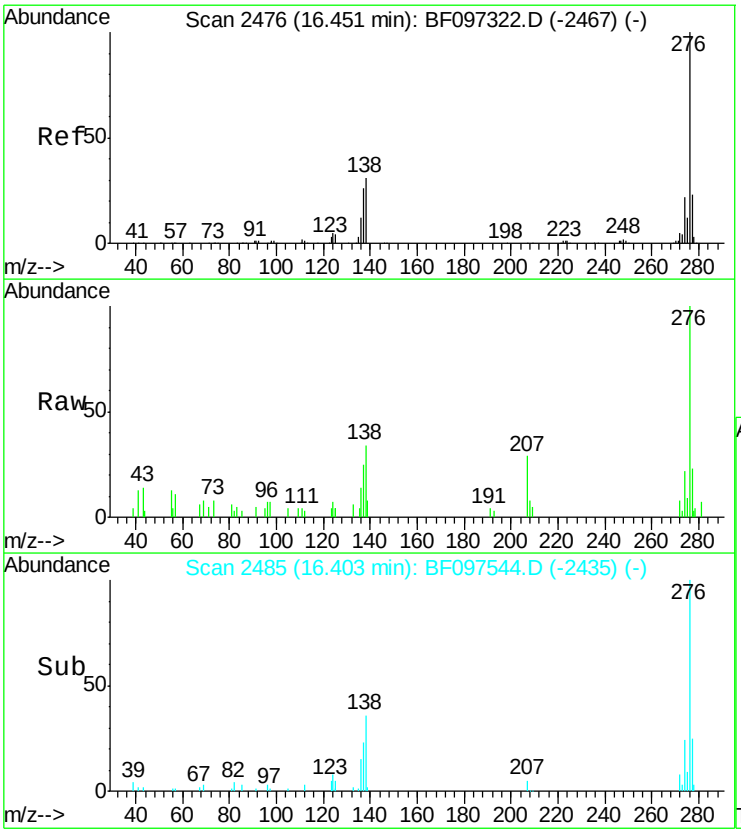
#89
Benzo(a)pyrene
Concen: 4.52 ng
RT: 14.81 min Scan# 2214
Delta R.T. -0.01 min
Lab File: BF097544.D
Acq: 10 Aug 2017 4:30

Instrument :
BNA_F
ClientSampleId :
E2-L10-BASE

Tgt Ion:252 Resp: 45008

Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.5	26.3
125	17.8	11.0	16.4#





#91
Benzo(g,h,i)perylene
Concen: 2.37 ng
RT: 16.40 min Scan# 2485
Delta R.T. -0.01 min
Lab File: BF097544.D
Acq: 10 Aug 2017 4:30

Tgt Ion:276 Resp: 20267

Ion	Ratio	Lower	Upper
276	100		
277	23.1	18.6	28.0
138	42.1	25.4	38.0#