Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080517\
Data File : BF097411.D
Acq On : 5 Aug 2017 21:43
Operator : SJ/JU
Sample : I4614-01 2X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Aug 06 01:12:49 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 04 01:17:22 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.43	152	84955	20.00	ng		-0.07
21) Naphthalene-d8	7.71	136	298375	20.00	ng		-0.08
38) Acenaphthene-d10	9.45	164	108044	20.00	ng		-0.08
63) Phenanthrene-d10	10.93	188	185711	20.00	ng		-0.08
75) Chrysene-d12	13.54	240	185319	20.00	ng		-0.08
86) Perylene-d12	14.89	264	113459	20.00	ng		-0.09
System Monitoring Compounds							
5) 2-Fluorophenol	5.02	112	292855	51.97	ng		-0.08
7) Phenol-d6	6.10	99	356079	55.35	ng		-0.07
23) Nitrobenzene-d5	6.99	82	161857	31.82	ng		-0.08
41) 2,4,6-Tribromophenol	10.24	330	48347	56.64	ng		-0.08
44) 2-Fluorobiphenyl	8.79	172	219175	34.43	ng		-0.08
78) Terphenyl-d14	12.50	244	182285	20.05	ng		-0.08
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.00	70	21916	5.18	ng	#	87
25) Isophorone	6.99	82	158012	15.86	ng	#	67
48) Acenaphthylene	9.32	152	76391	7.33	ng		96
49) Dimethylphthalate	9.19	163	49508	6.03	ng		99
70) Phenanthrene	10.94	178	40282	4.05	ng		97
71) Anthracene	11.00	178	38036	3.73	ng		99
74) Fluoranthene	12.13	202	63742	6.54	ng		99
77) Pyrene	12.35	202	100028	6.59	ng		98
80) Benzo(a)anthracene	13.54	228	39575	3.30	ng	#	44
82) Chrysene	13.57	228	36946	3.16	ng	#	96
85) Indeno(1,2,3-cd)pyrene	16.09	276	36203	3.61	ng		93
87) Benzo(b)fluoranthene	14.54	252	57041	8.36	ng	#	95
88) Benzo(k)fluoranthene	14.54	252	57041	8.78	ng		99
89) Benzo(a)pyrene	14.84	252	37889	6.07	ng		94
91) Benzo(g,h,i)perylene	16.44	276	76802	14.31	ng		94

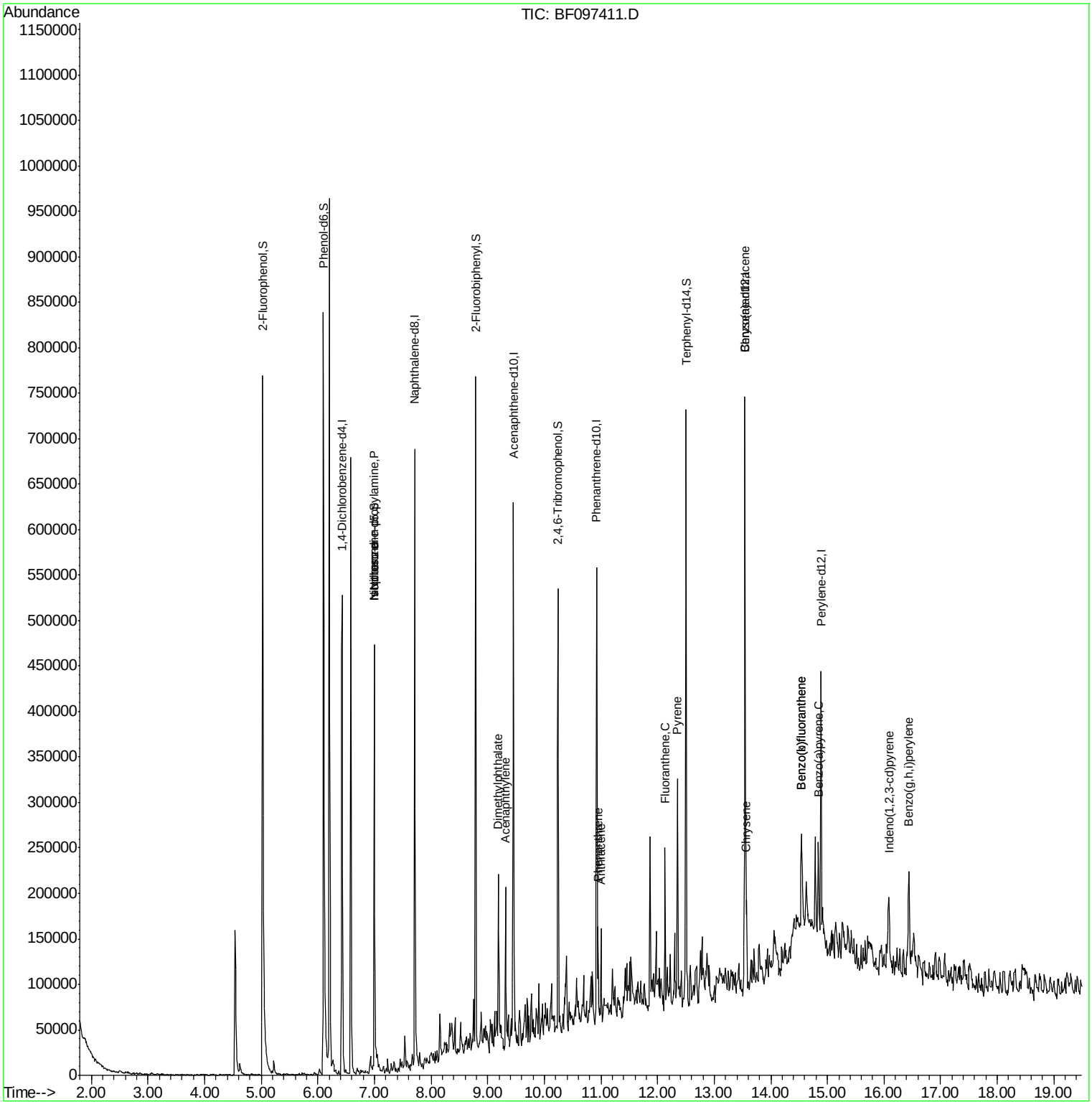
(#) = qualifier out of range (m) = manual integration (+) = signals summed

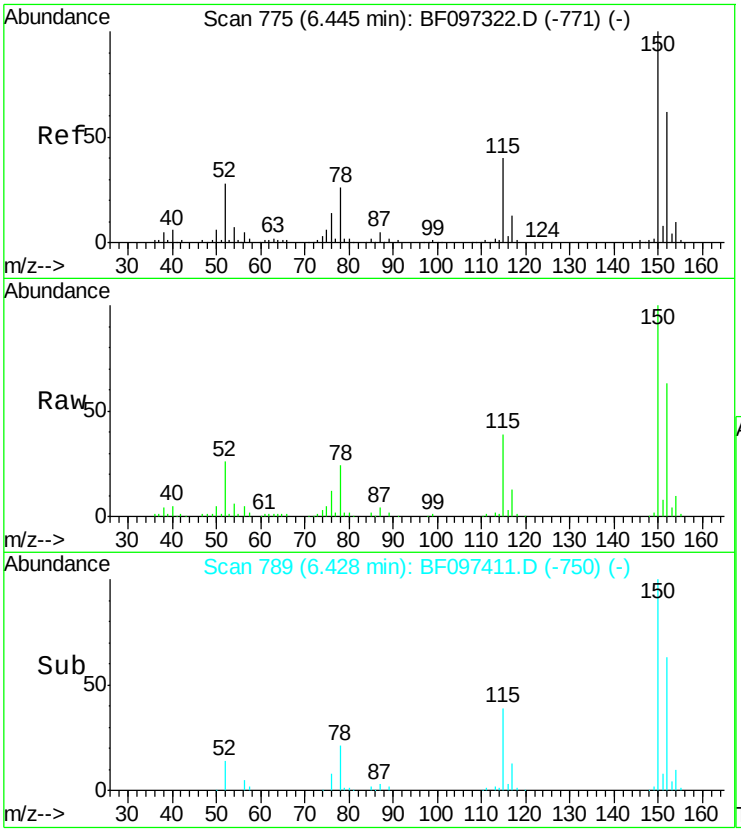
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080517\
Data File : BF097411.D
Acq On : 5 Aug 2017 21:43
Operator : SJ/JU
Sample : I4614-01 2X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Aug 06 01:12:49 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 04 01:17:22 2017
Response via : Initial Calibration



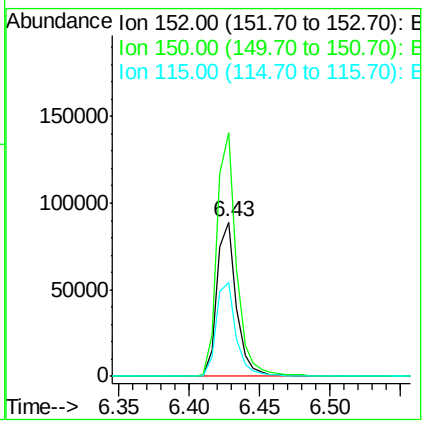


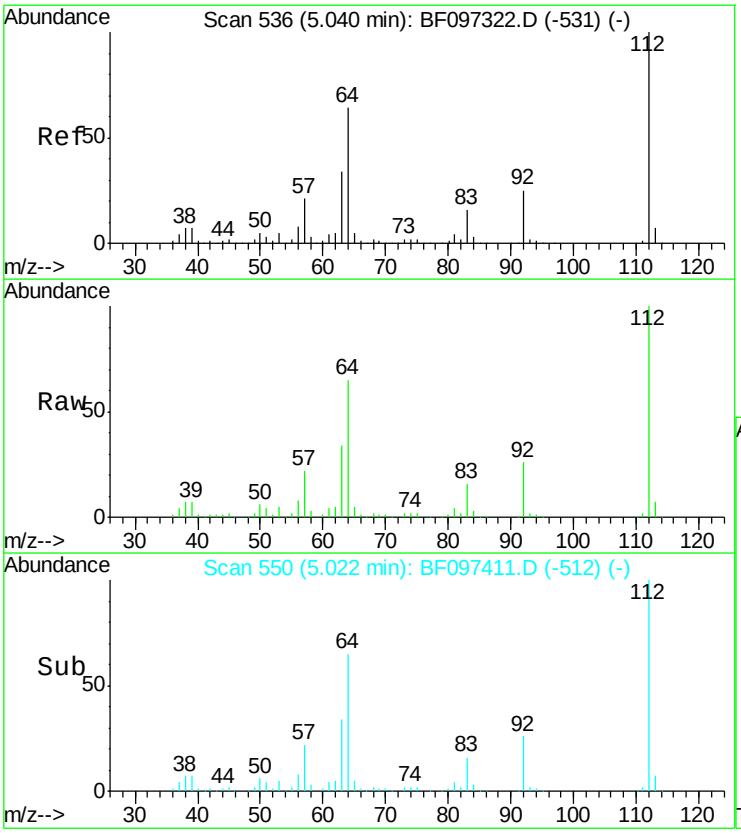
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.43 min Scan# 789
Delta R.T. -0.07 min
Lab File: BF097411.D
Acq: 5 Aug 2017 21:43

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 84955

Ion	Ratio	Lower	Upper
152	100		
150	158.0	126.2	189.2
115	61.2	52.2	78.2

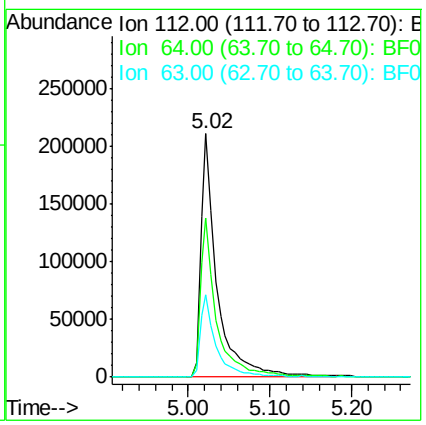


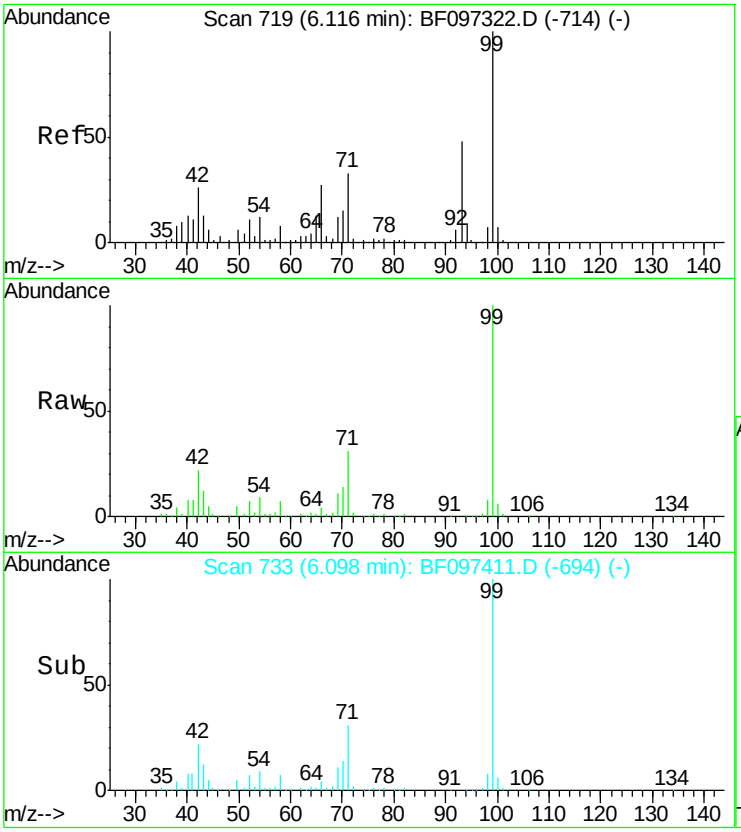


#5
2-Fluorophenol
Concen: 51.97 ng
RT: 5.02 min Scan# 550
Delta R.T. -0.08 min
Lab File: BF097411.D
Acq: 5 Aug 2017 21:43

Tgt Ion:112 Resp: 292855

Ion	Ratio	Lower	Upper
112	100		
64	65.1	46.0	69.0
63	33.6	23.4	35.0



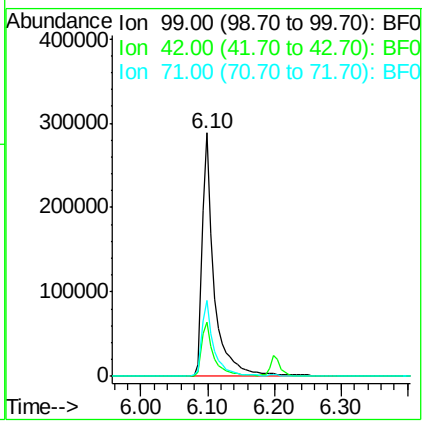


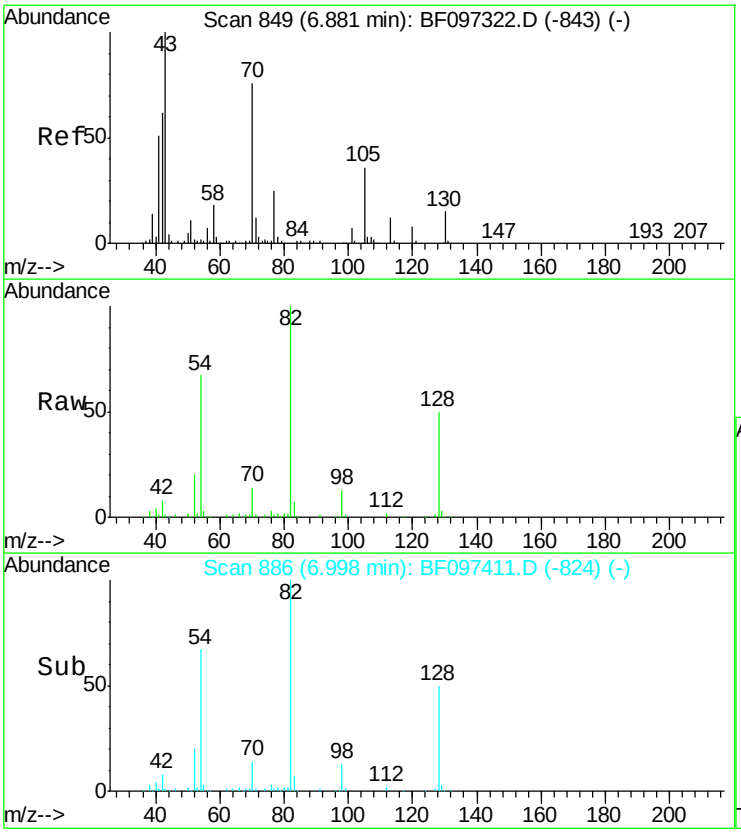
#7
Phenol-d6
Concen: 55.35 ng
RT: 6.10 min Scan# 733
Delta R.T. -0.07 min
Lab File: BF097411.D
Acq: 5 Aug 2017 21:43

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 356079

Ion	Ratio	Lower	Upper
99	100		
42	22.4	13.5	20.3#
71	31.4	24.5	36.7

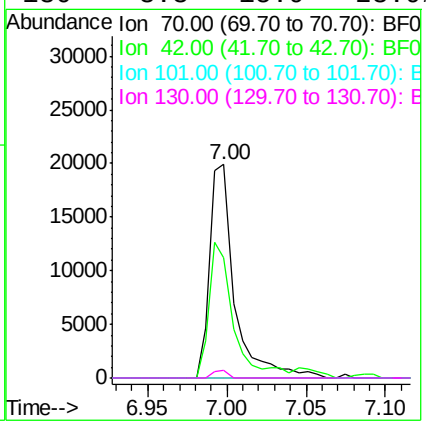


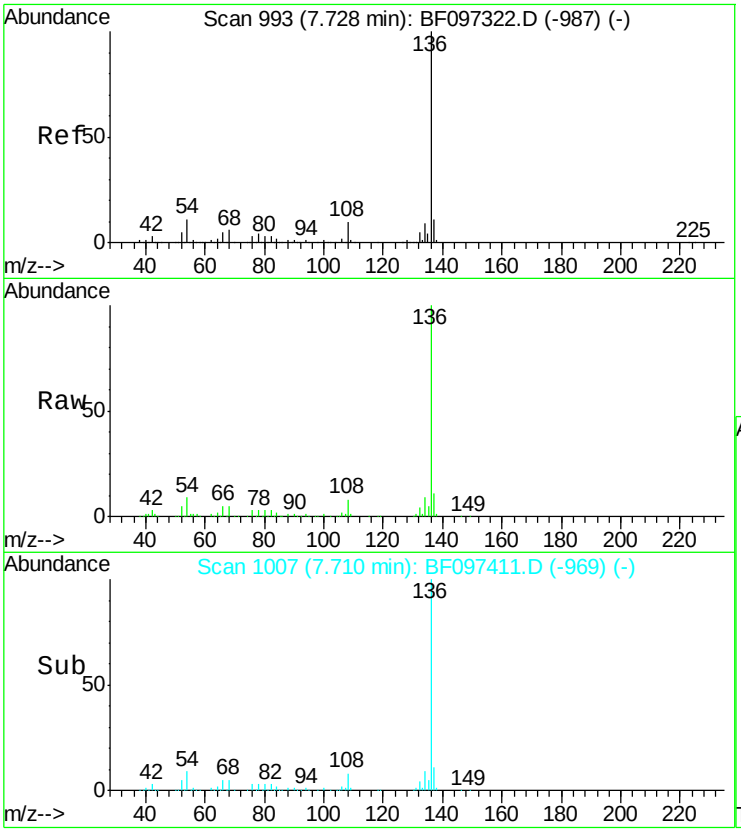


#19
n-Nitroso-di-n-propylamine
Concen: 5.18 ng
RT: 7.00 min Scan# 886
Delta R.T. 0.06 min
Lab File: BF097411.D
Acq: 5 Aug 2017 21:43

Tgt Ion: 70 Resp: 21916

Ion	Ratio	Lower	Upper
70	100		
42	56.3	47.2	70.8
101	0.0	7.2	10.8#
130	3.3	15.9	23.9#



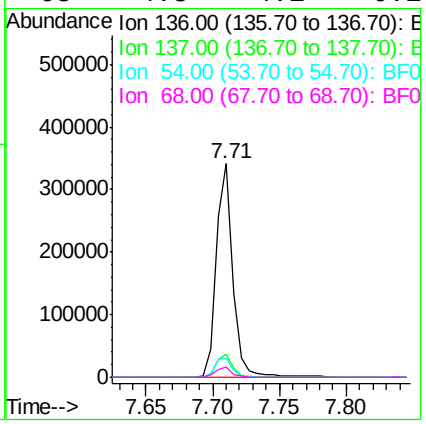


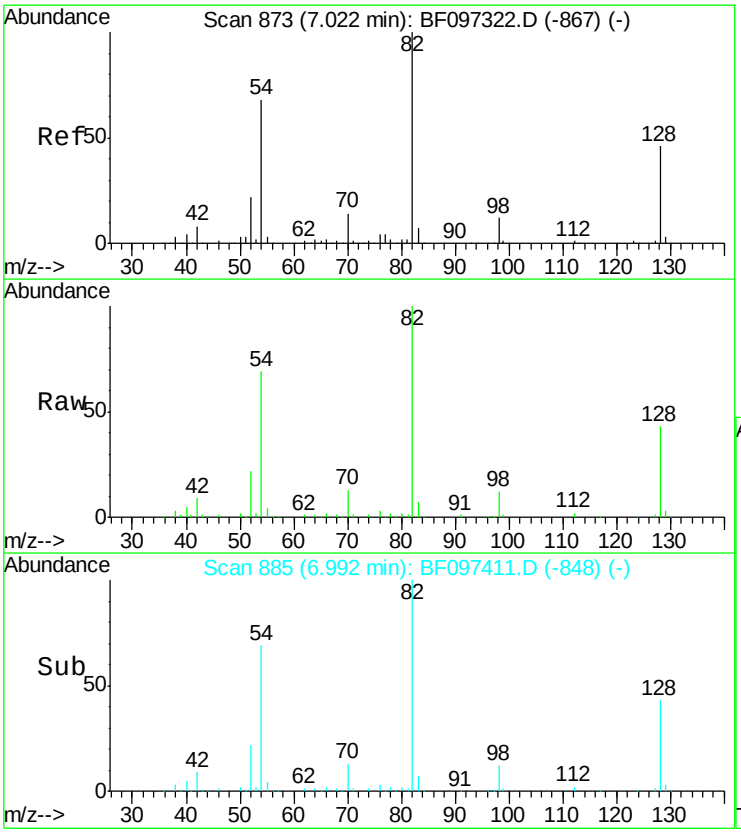
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.71 min Scan# 1007
Delta R.T. -0.08 min
Lab File: BF097411.D
Acq: 5 Aug 2017 21:43

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 298375

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.5	12.7
54	9.2	4.9	7.3#
68	4.8	4.1	6.1

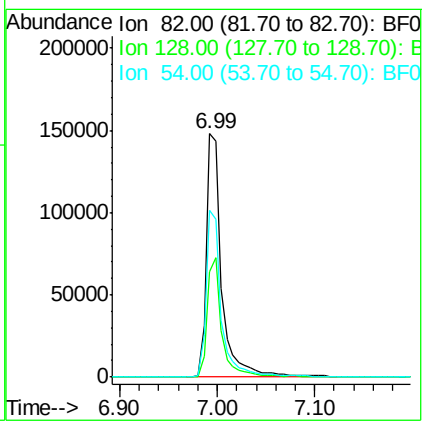


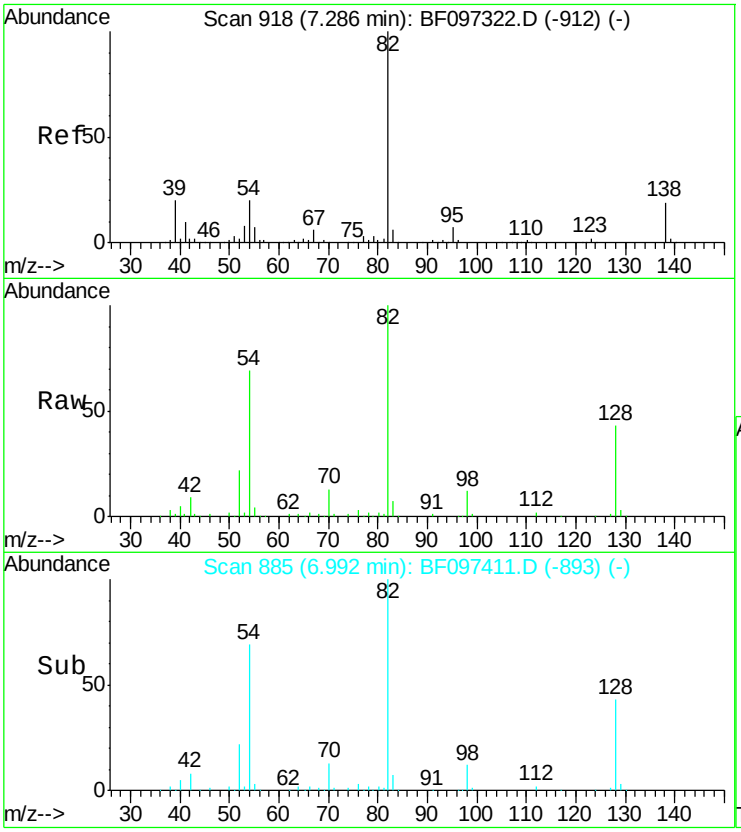


#23
Nitrobenzene-d5
Concen: 31.82 ng
RT: 6.99 min Scan# 885
Delta R.T. -0.08 min
Lab File: BF097411.D
Acq: 5 Aug 2017 21:43

Tgt Ion: 82 Resp: 161857

Ion	Ratio	Lower	Upper
82	100		
128	43.3	34.0	51.0
54	68.5	42.2	63.2#



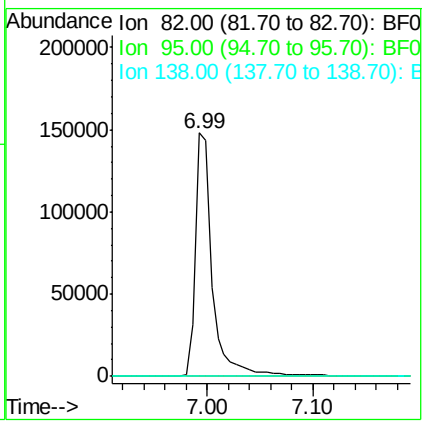


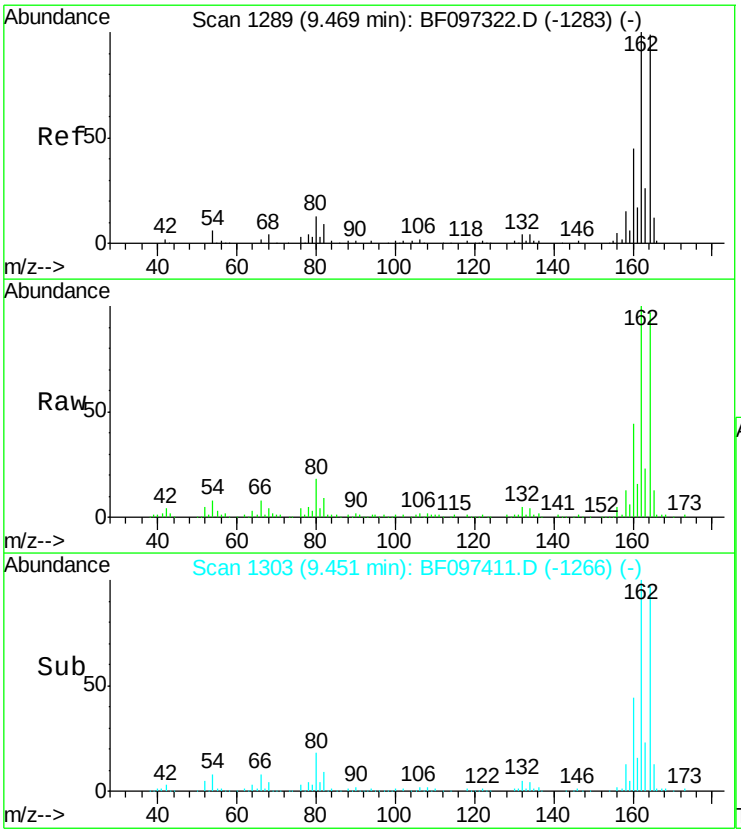
#25
Isophorone
Concen: 15.86 ng
RT: 6.99 min Scan# 885
Delta R.T. -0.35 min
Lab File: BF097411.D
Acq: 5 Aug 2017 21:43

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 158012

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

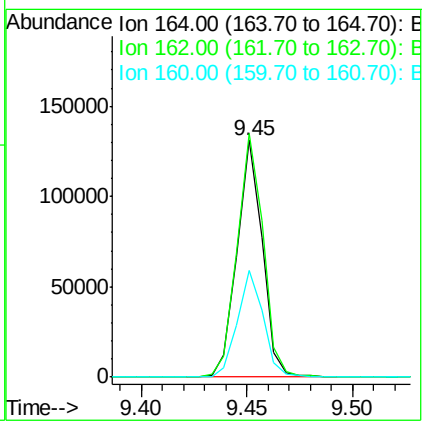


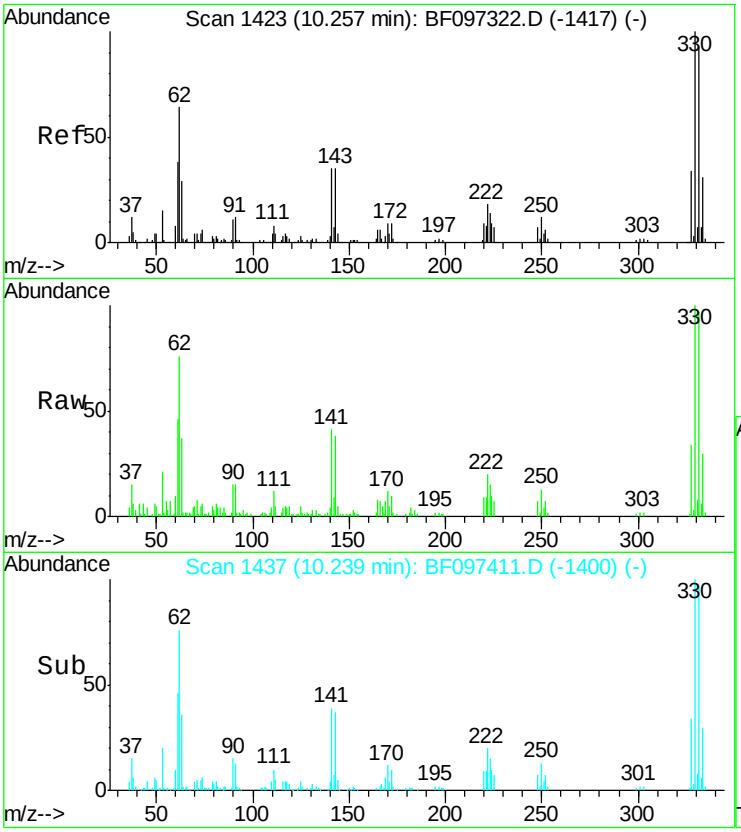


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.45 min Scan# 1303
Delta R.T. -0.08 min
Lab File: BF097411.D
Acq: 5 Aug 2017 21:43

Tgt Ion:164 Resp: 108044

Ion	Ratio	Lower	Upper
164	100		
162	102.7	82.6	123.8
160	45.1	36.2	54.2



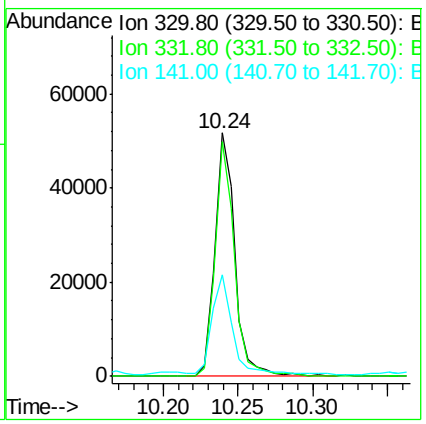


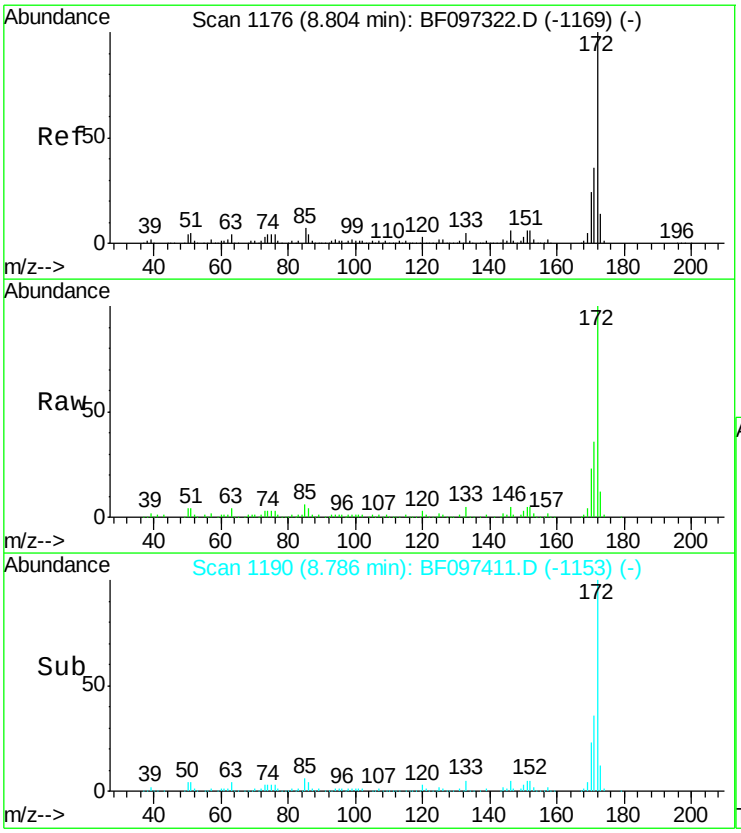
#41
2,4,6-Tribromophenol
Concen: 56.64 ng
RT: 10.24 min Scan# 1437
Delta R.T. -0.08 min
Lab File: BF097411.D
Acq: 5 Aug 2017 21:43

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 48347

Ion	Ratio	Lower	Upper
330	100		
332	93.5	76.6	115.0
141	41.3	31.4	47.2

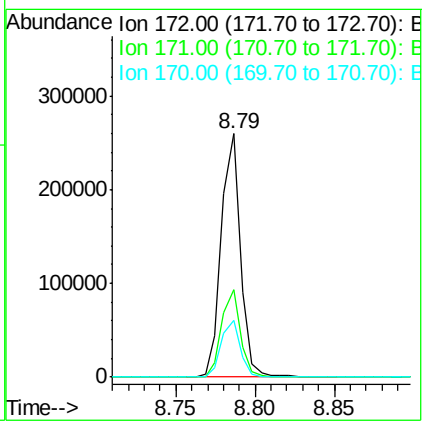


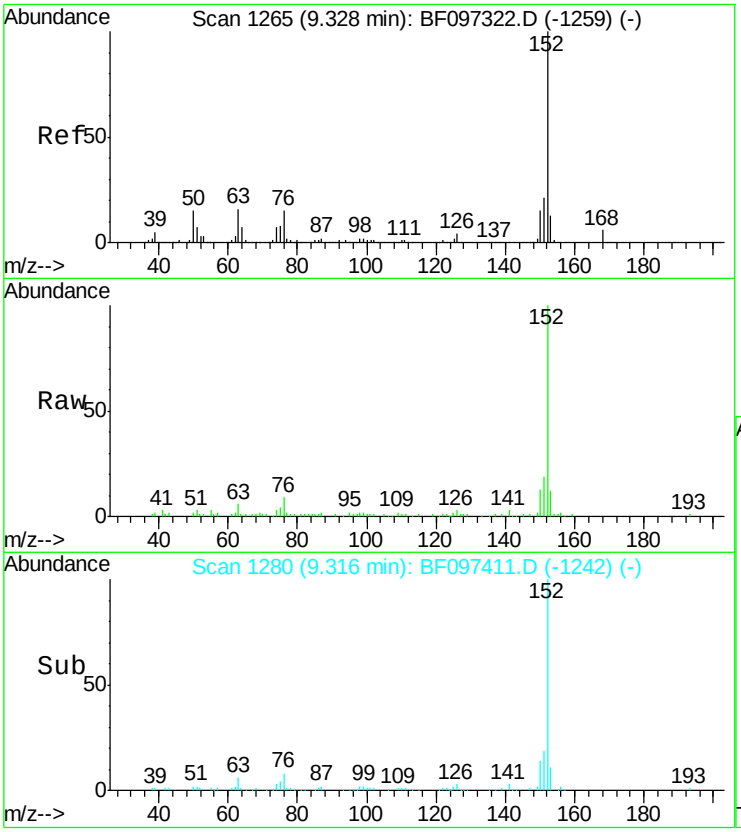


#44
2-Fluorobiphenyl
Concen: 34.43 ng
RT: 8.79 min Scan# 1190
Delta R.T. -0.08 min
Lab File: BF097411.D
Acq: 5 Aug 2017 21:43

Tgt Ion:172 Resp: 219175

Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.6	44.4
170	23.4	19.8	29.8

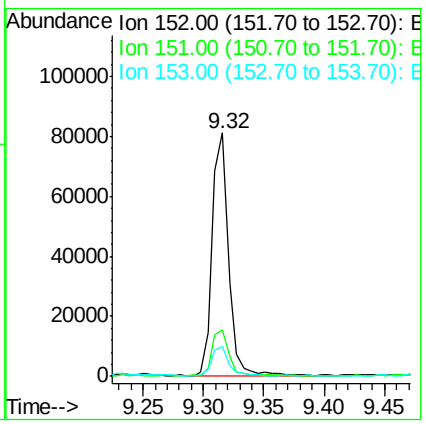




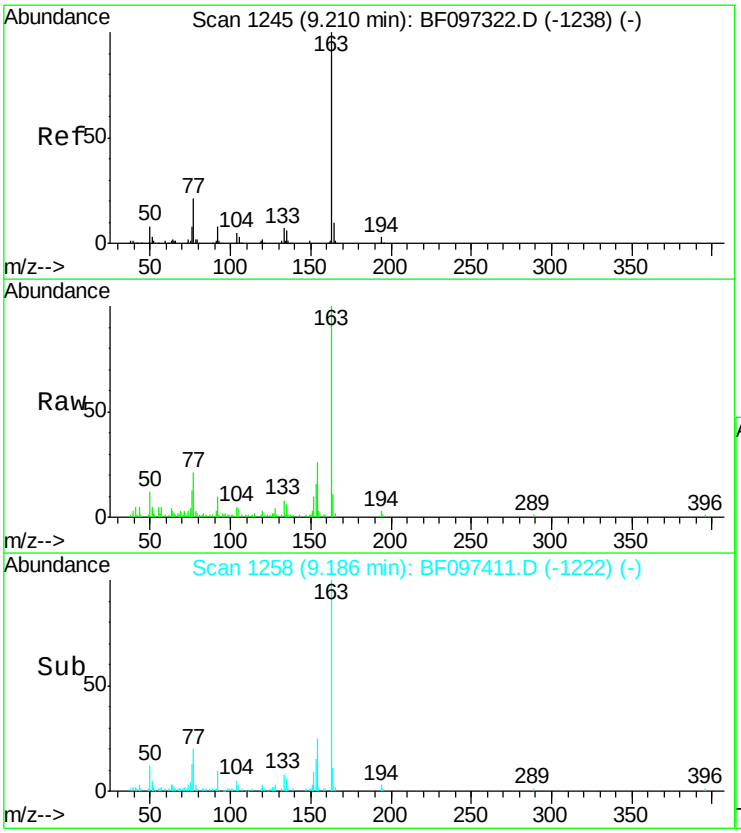
#48
Acenaphthylene
Concen: 7.33 ng
RT: 9.32 min Scan# 1280
Delta R.T. -0.08 min
Lab File: BF097411.D
Acq: 5 Aug 2017 21:43

Tgt Ion:152 Resp: 76391

Ion	Ratio	Lower	Upper
152	100		
151	18.9	16.8	25.2
153	12.5	10.8	16.2



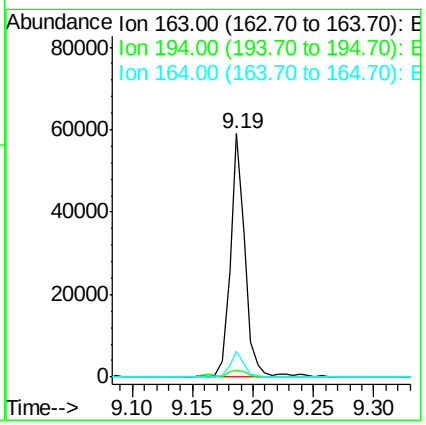
Instrument :
BNA_F
ClientSampleId :

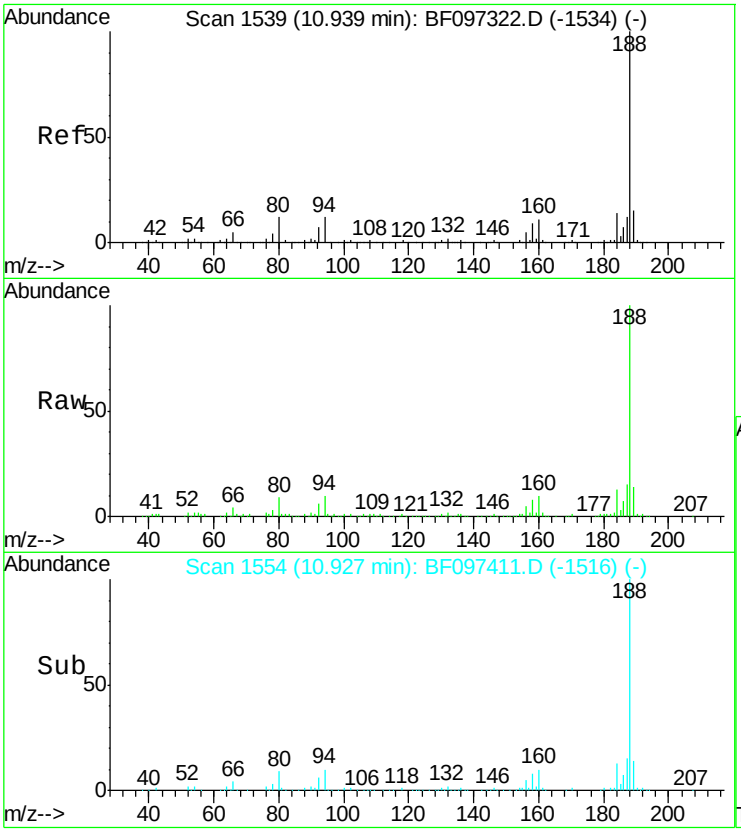


#49
Dimethylphthalate
Concen: 6.03 ng
RT: 9.19 min Scan# 1258
Delta R.T. -0.09 min
Lab File: BF097411.D
Acq: 5 Aug 2017 21:43

Tgt Ion:163 Resp: 49508

Ion	Ratio	Lower	Upper
163	100		
194	2.9	2.6	4.0
164	10.7	8.4	12.6



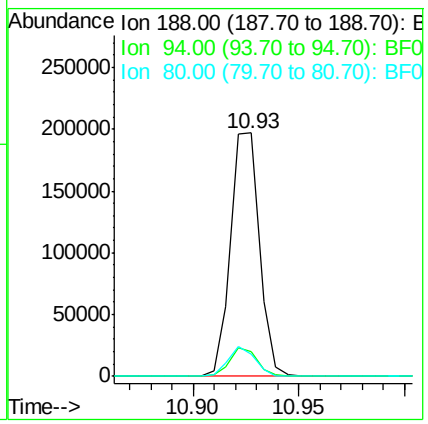


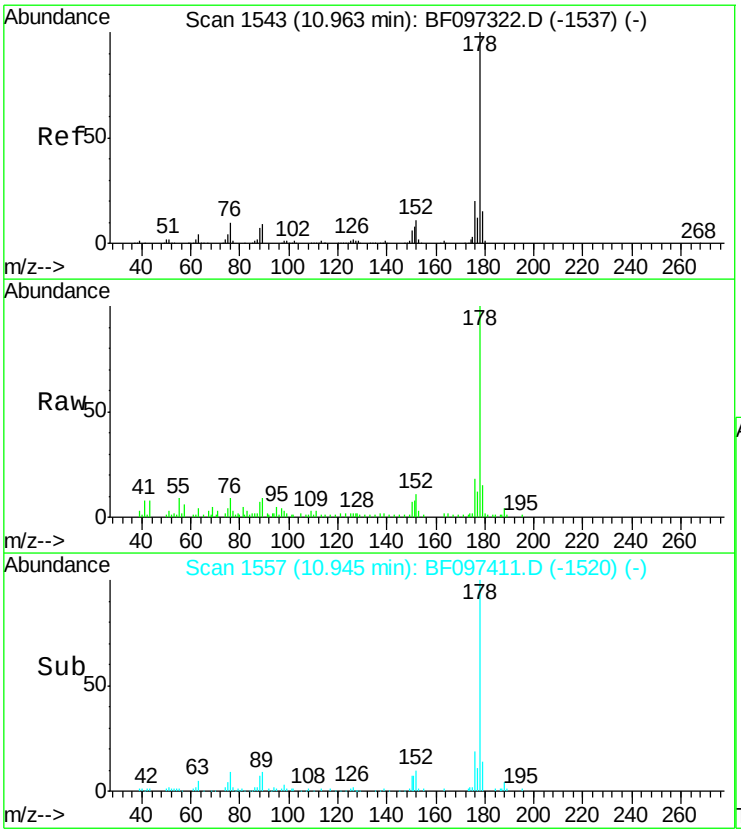
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 10.93 min Scan# 1554
Delta R.T. -0.08 min
Lab File: BF097411.D
Acq: 5 Aug 2017 21:43

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 185711

Ion	Ratio	Lower	Upper
188	100		
94	10.1	9.4	14.2
80	9.3	10.2	15.2#

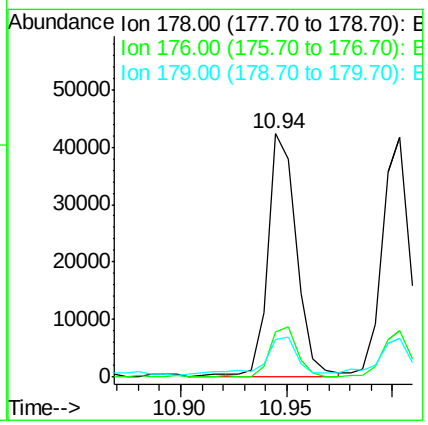


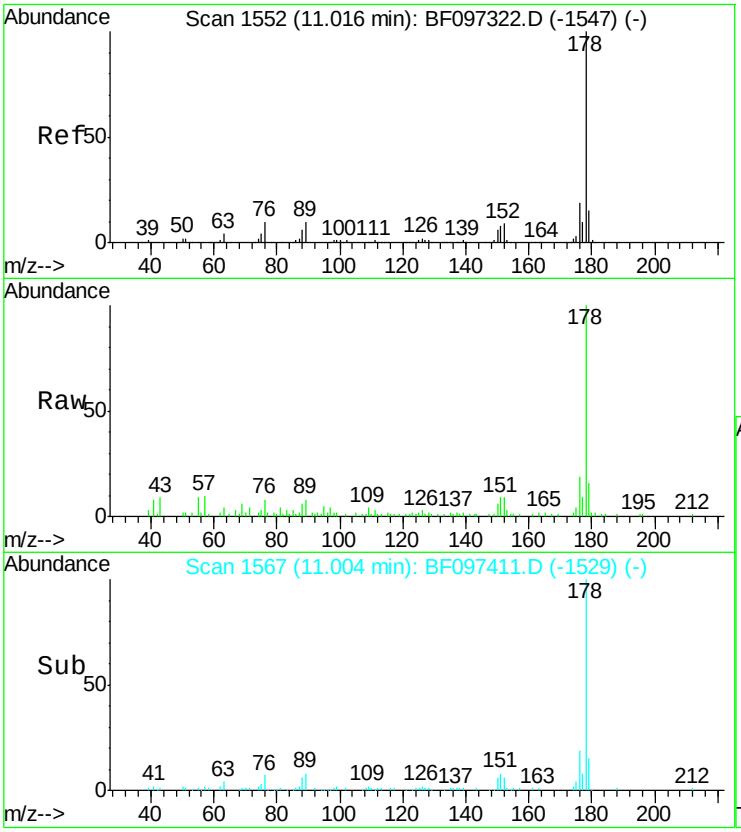


#70
Phenanthrene
Concen: 4.05 ng
RT: 10.94 min Scan# 1557
Delta R.T. -0.08 min
Lab File: BF097411.D
Acq: 5 Aug 2017 21:43

Tgt Ion:178 Resp: 40282

Ion	Ratio	Lower	Upper
178	100		
176	18.4	16.2	24.4
179	15.4	12.6	19.0



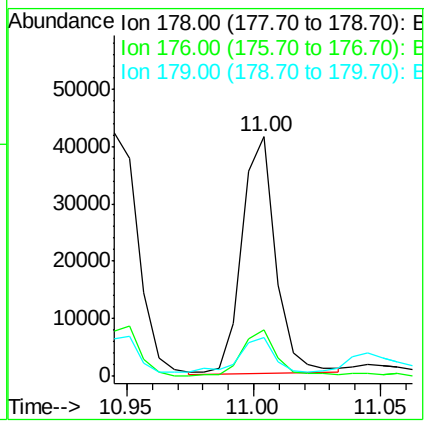


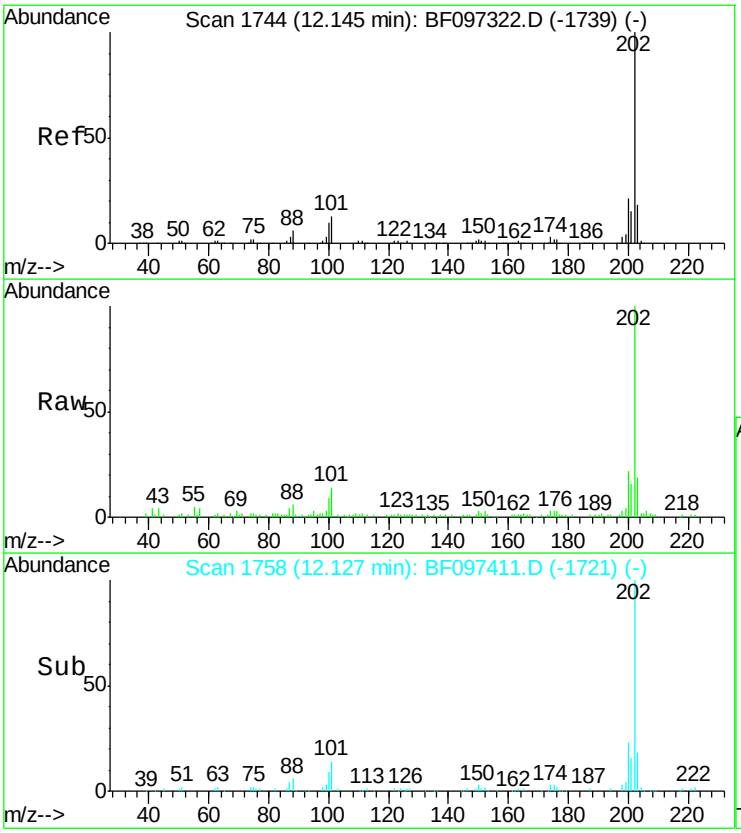
#71
Anthracene
Concen: 3.73 ng
RT: 11.00 min Scan# 1567
Delta R.T. -0.08 min
Lab File: BF097411.D
Acq: 5 Aug 2017 21:43

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 38036

Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.8	23.8
179	16.3	12.7	19.1

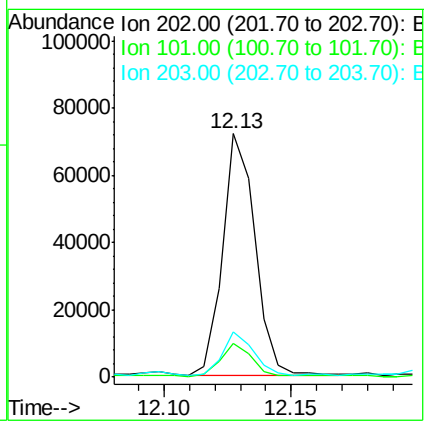


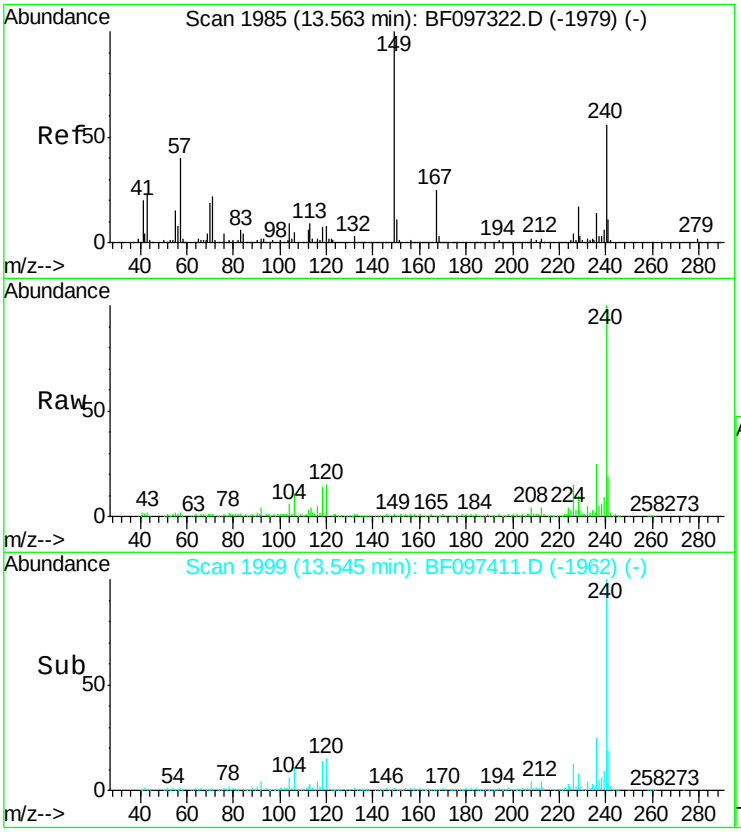


#74
Fluoranthene
Concen: 6.54 ng
RT: 12.13 min Scan# 1758
Delta R.T. -0.08 min
Lab File: BF097411.D
Acq: 5 Aug 2017 21:43

Tgt Ion:202 Resp: 63742

Ion	Ratio	Lower	Upper
202	100		
101	13.7	0.0	33.2
203	18.7	0.0	38.1



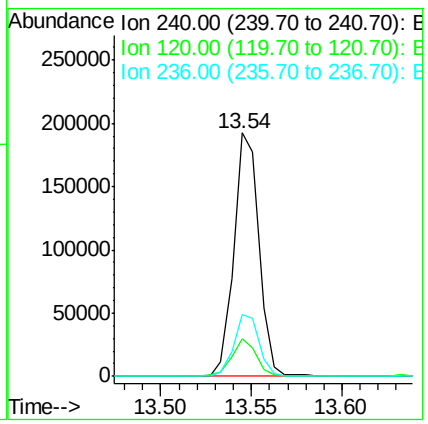


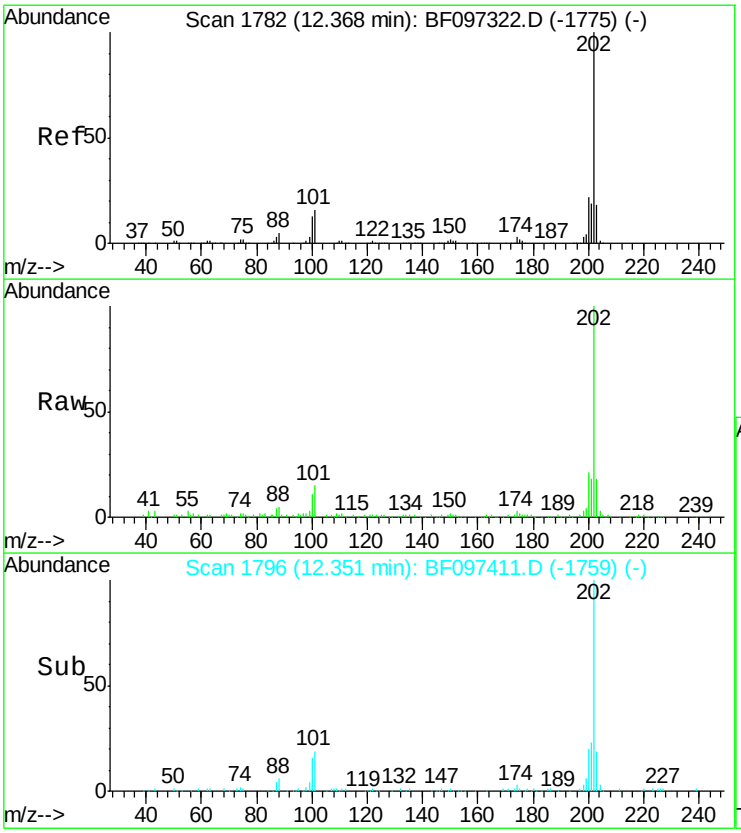
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.54 min Scan# 1999
Delta R.T. -0.08 min
Lab File: BF097411.D
Acq: 5 Aug 2017 21:43

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 185319

Ion	Ratio	Lower	Upper
240	100		
120	15.4	5.8	8.8#
236	25.2	20.5	30.7

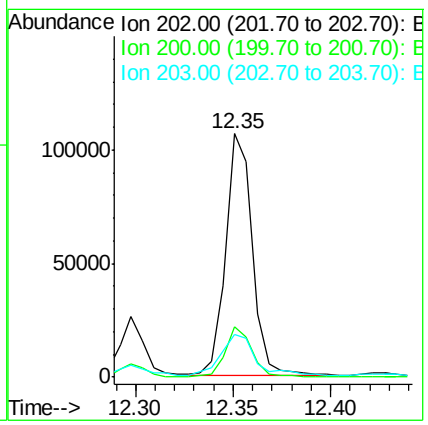


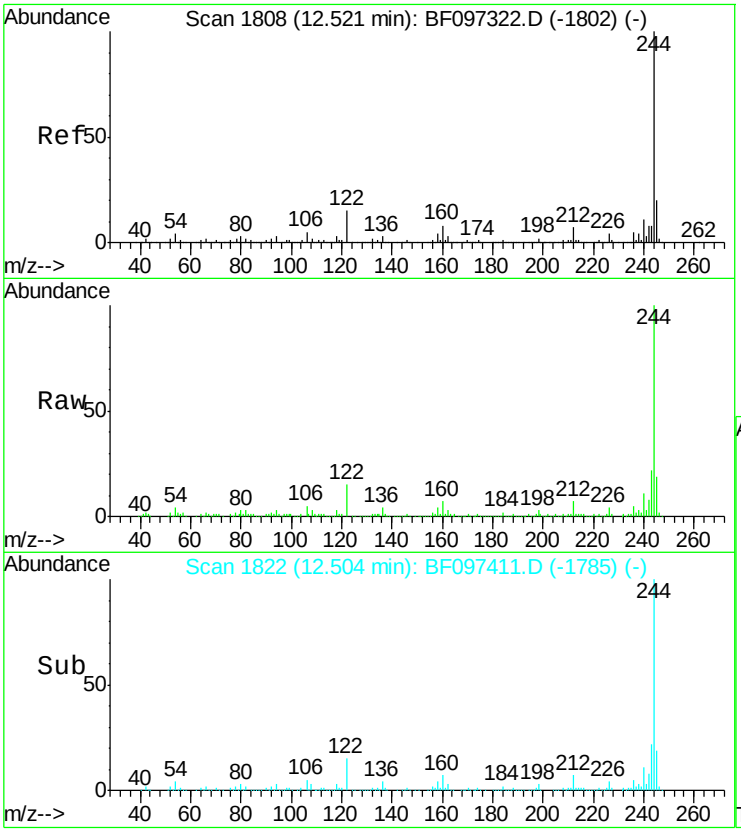


#77
Pyrene
Concen: 6.59 ng
RT: 12.35 min Scan# 1796
Delta R.T. -0.08 min
Lab File: BF097411.D
Acq: 5 Aug 2017 21:43

Tgt Ion:202 Resp: 100028

Ion	Ratio	Lower	Upper
202	100		
200	20.7	17.6	26.4
203	17.7	14.4	21.6



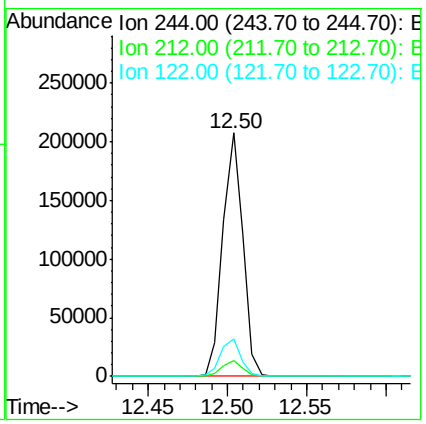


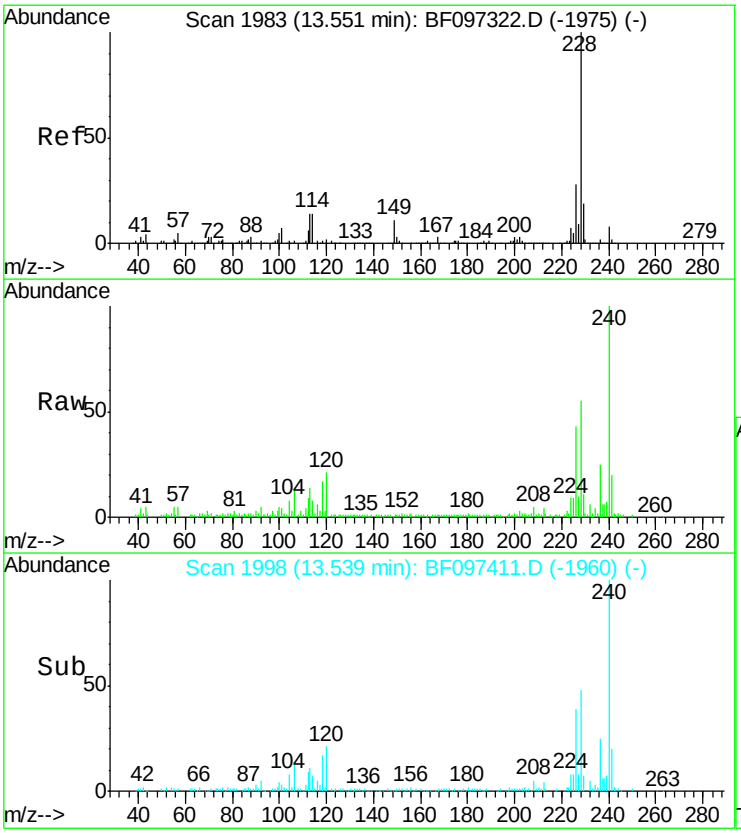
#78
Terphenyl-d14
Concen: 20.05 ng
RT: 12.50 min Scan# 1822
Delta R.T. -0.08 min
Lab File: BF097411.D
Acq: 5 Aug 2017 21:43

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 182285

Ion	Ratio	Lower	Upper
244	100		
212	6.6	6.0	9.0
122	15.4	10.3	15.5

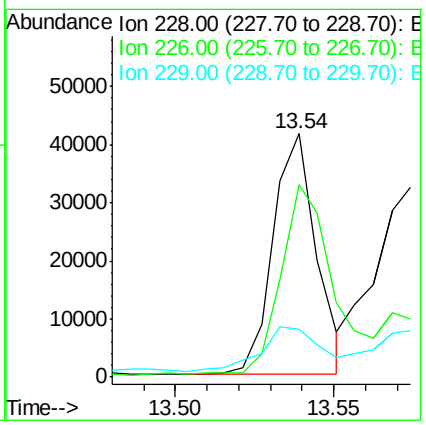


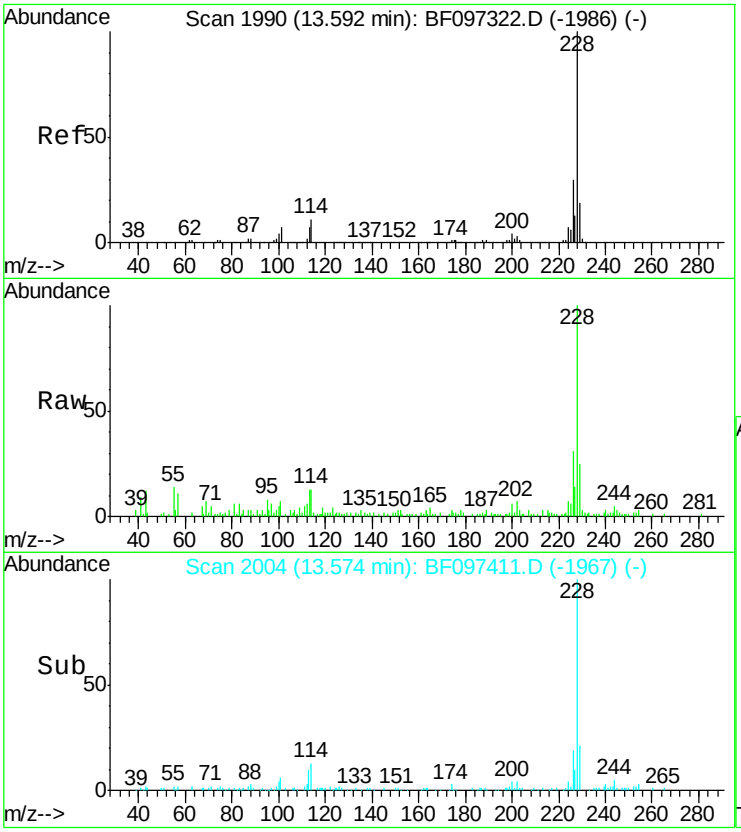


#80
Benzo(a)anthracene
Concen: 3.30 ng
RT: 13.54 min Scan# 1998
Delta R.T. -0.08 min
Lab File: BF097411.D
Acq: 5 Aug 2017 21:43

Tgt Ion:228 Resp: 39575

Ion	Ratio	Lower	Upper
228	100		
226	78.8	22.6	33.8#
229	19.7	16.3	24.5



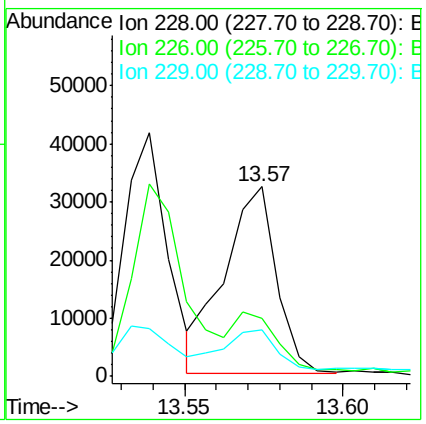


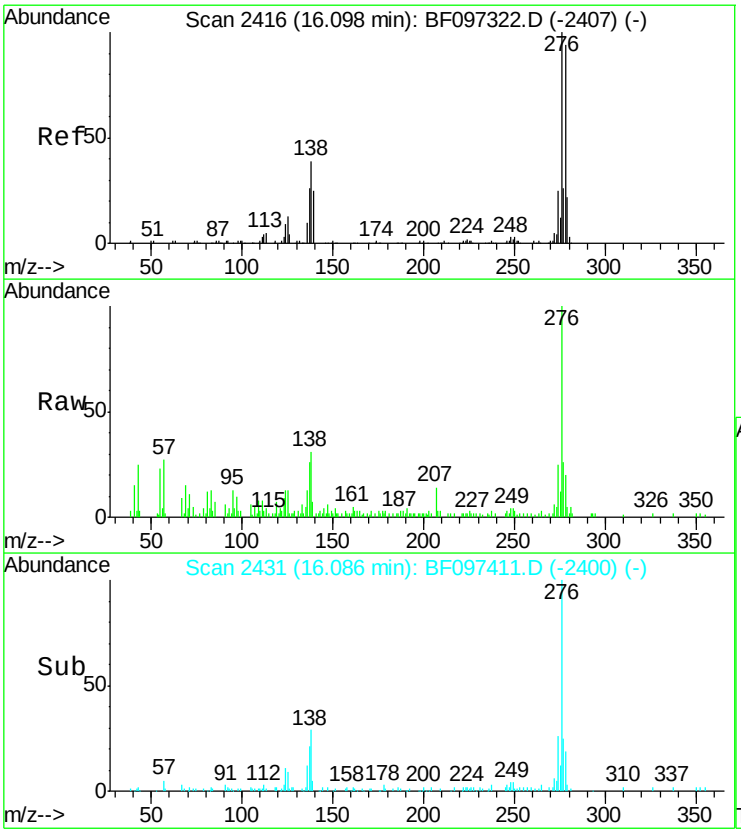
#82
Chrysene
Concen: 3.16 ng
RT: 13.57 min Scan# 2004
Delta R.T. -0.08 min
Lab File: BF097411.D
Acq: 5 Aug 2017 21:43

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 36946

Ion	Ratio	Lower	Upper
228	100		
226	31.0	24.9	37.3
229	24.6	15.8	23.6#

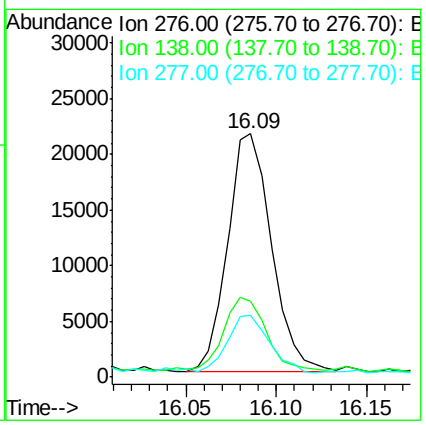


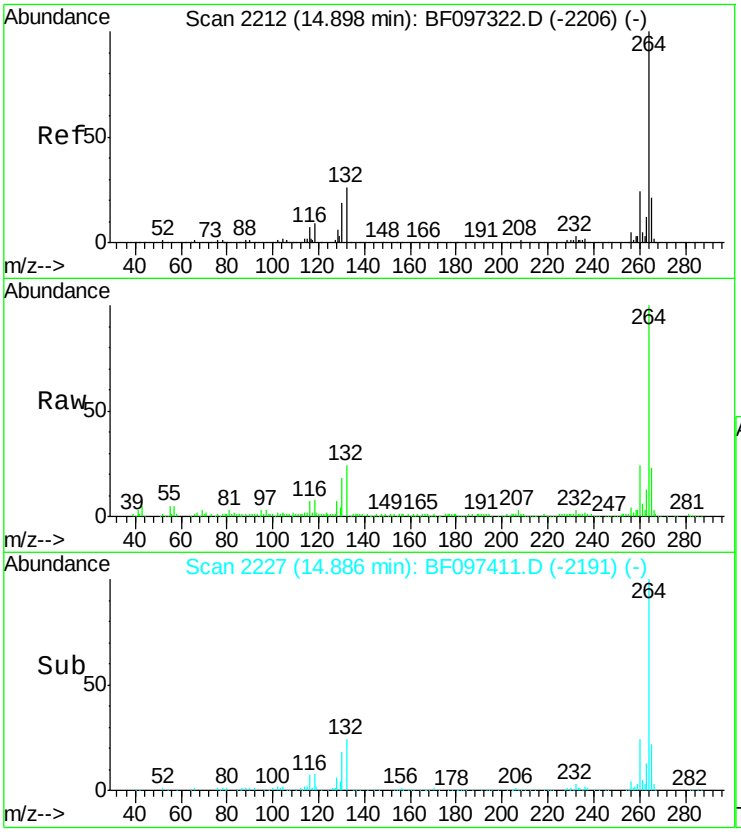


#85
Indeno(1,2,3-cd)pyrene
Concen: 3.61 ng
RT: 16.09 min Scan# 2431
Delta R.T. -0.12 min
Lab File: BF097411.D
Acq: 5 Aug 2017 21:43

Tgt Ion:276 Resp: 36203

Ion	Ratio	Lower	Upper
276	100		
138	29.8	27.8	41.6
277	23.2	20.2	30.4



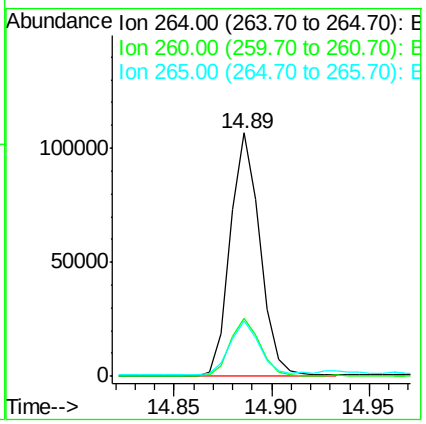


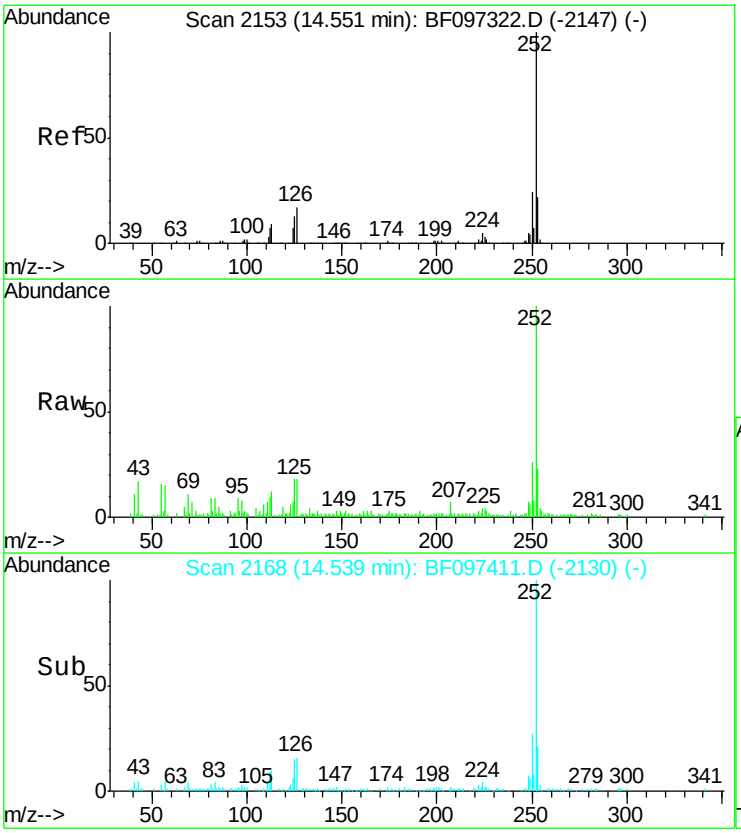
#86
Perylene-d12
Concen: 20.00 ng
RT: 14.89 min Scan# 2227
Delta R.T. -0.09 min
Lab File: BF097411.D
Acq: 5 Aug 2017 21:43

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 113459

Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.5	29.3
265	23.0	17.2	25.8

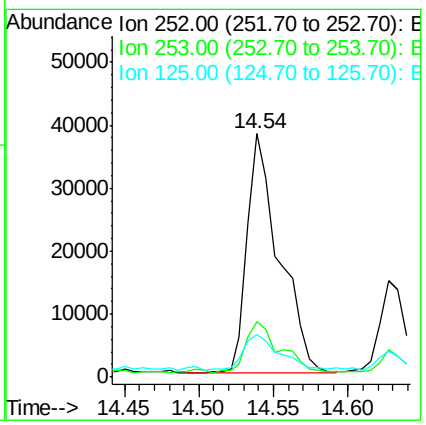


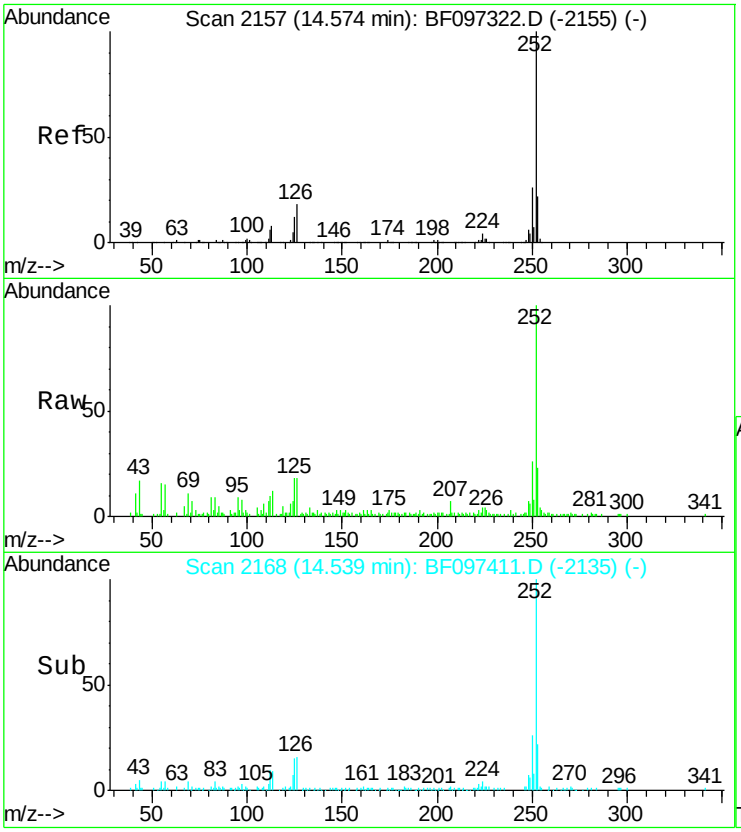


#87
Benzo(b)fluoranthene
Concen: 8.36 ng
RT: 14.54 min Scan# 2168
Delta R.T. -0.08 min
Lab File: BF097411.D
Acq: 5 Aug 2017 21:43

Tgt Ion:252 Resp: 57041

Ion	Ratio	Lower	Upper
252	100		
253	23.0	18.1	27.1
125	17.7	9.8	14.8#



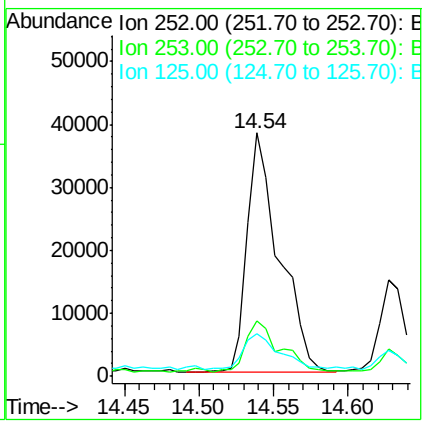


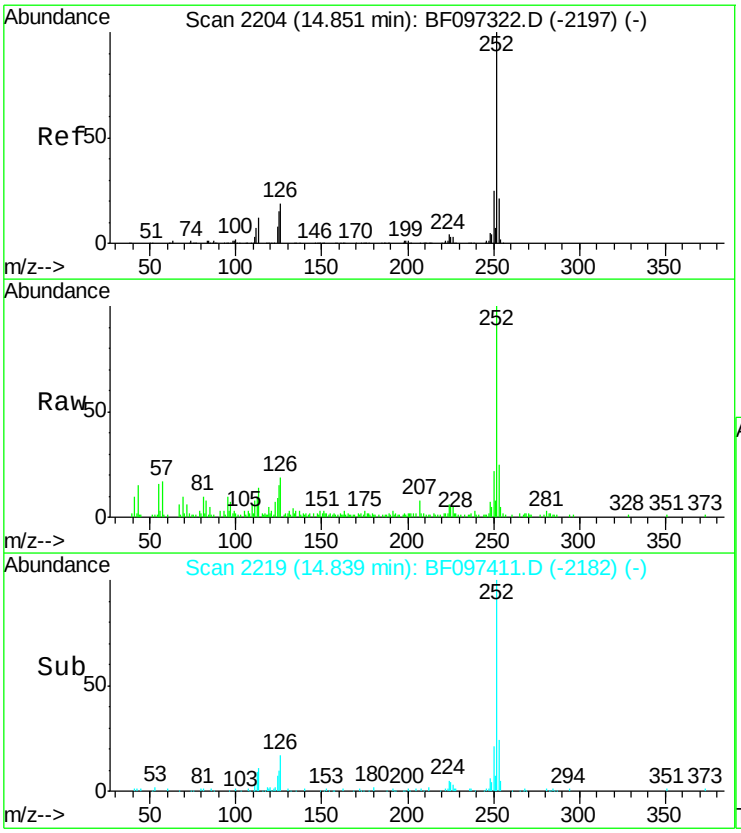
#88
Benzo(k)fluoranthene
Concen: 8.78 ng
RT: 14.54 min Scan# 2168
Delta R.T. -0.11 min
Lab File: BF097411.D
Acq: 5 Aug 2017 21:43

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 57041

Ion	Ratio	Lower	Upper
252	100		
253	23.0	18.4	27.6
125	17.7	13.1	19.7

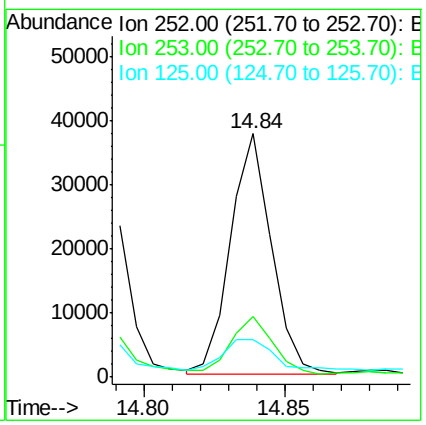


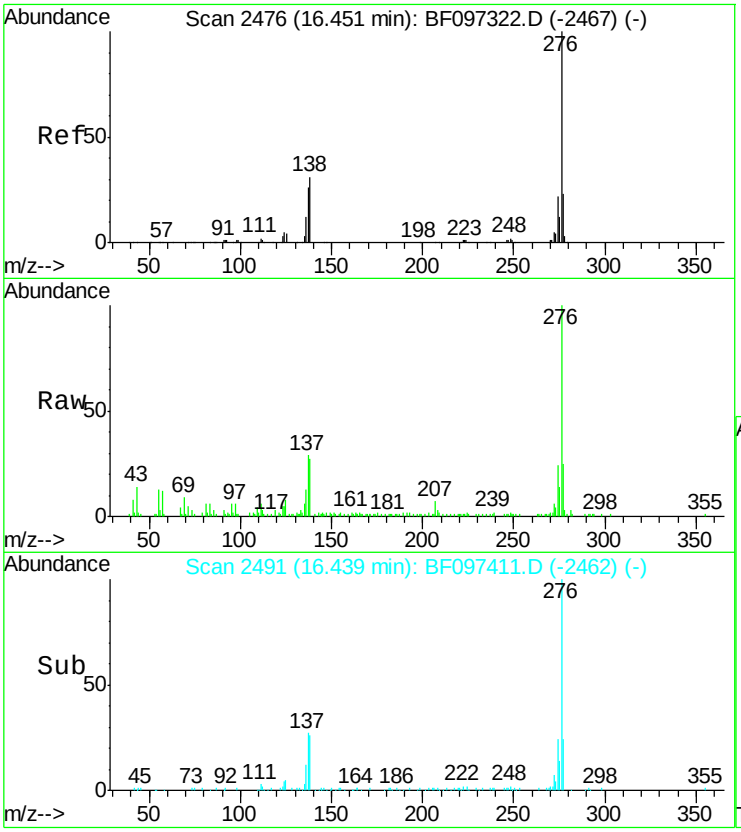


#89
Benzo(a)pyrene
Concen: 6.07 ng
RT: 14.84 min Scan# 2219
Delta R.T. -0.08 min
Lab File: BF097411.D
Acq: 5 Aug 2017 21:43

Tgt Ion:252 Resp: 37889

Ion	Ratio	Lower	Upper
252	100		
253	25.0	17.5	26.3
125	15.5	11.0	16.4

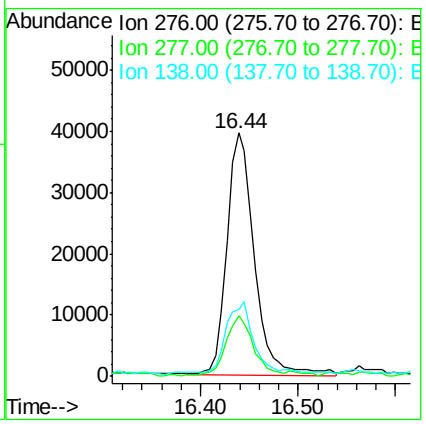




#91
Benzo(g,h,i)perylene
Concen: 14.31 ng
RT: 16.44 min Scan# 2491
Delta R.T. -0.13 min
Lab File: BF097411.D
Acq: 5 Aug 2017 21:43

Tgt Ion:276 Resp: 76802

Ion	Ratio	Lower	Upper
276	100		
277	24.7	18.6	28.0
138	27.4	25.4	38.0



Instrument :
BNA_F
ClientSampleId :