Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF072817\
Data File : BF097191.D
Acq On : 29 Jul 2017 9:05
Operator : SJ/JU
Sample : I4421-07
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : E2-HS5-NSW

Quant Time: Jul 31 00:59:40 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 25 14:11:51 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.49	152	99413	20.00	ng		-0.01
21) Naphthalene-d8	7.77	136	405613	20.00	ng		-0.02
38) Acenaphthene-d10	9.51	164	143164	20.00	ng		-0.02
63) Phenanthrene-d10	10.99	188	208101	20.00	ng		-0.02
75) Chrysene-d12	13.62	240	166929	20.00	ng		0.00
86) Perylene-d12	14.97	264	124146	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.09	112	718674	108.98	ng		0.00
7) Phenol-d6	6.15	99	844894	112.23	ng		-0.02
23) Nitrobenzene-d5	7.06	82	490204	70.90	ng		-0.02
41) 2,4,6-Tribromophenol	10.30	330	108434	95.86	ng		-0.02
44) 2-Fluorobiphenyl	8.85	172	552685	65.52	ng		-0.02
78) Terphenyl-d14	12.57	244	305508	37.31	ng		-0.01
Target Compounds							Qvalue
10) Phenol	6.16	94	32797	3.67	ng		97
19) n-Nitroso-di-n-propylamine	7.06	70	65283	13.17	ng	#	88
25) Isophorone	7.06	82	484884	35.81	ng	#	67
49) Dimethylphthalate	9.25	163	191919	17.65	ng		100
51) Acenaphthene	9.55	154	25648	3.15	ng		97
55) 4-Nitrophenol	9.72	139	5216	3.06	ng	#	40
57) Fluorene	10.06	166	18116	2.22	ng		97
66) 4-Bromophenyl-phenylether	10.30	248	7071	3.40	ng	#	1
70) Phenanthrene	11.01	178	352614	31.62	ng		99
71) Anthracene	11.06	178	39146	3.43	ng		98
72) Carbazole	11.23	167	23810	2.12	ng		97
74) Fluoranthene	12.20	202	406653	37.23	ng		98
77) Pyrene	12.43	202	352058	25.76	ng		99
80) Benzo(a)anthracene	13.61	228	151262	14.00	ng	#	94
82) Chrysene	13.65	228	150315	14.25	ng	#	95
85) Indeno(1,2,3-cd)pyrene	16.19	276	51241	5.67	ng		99
87) Benzo(b)fluoranthene	14.62	252	184149	24.68	ng	#	93
88) Benzo(k)fluoranthene	14.62	252	184149	25.90	ng		97
89) Benzo(a)pyrene	14.92	252	101842	14.91	ng	#	92
90) Dibenzo(a,h)anthracene	16.19	278	13801	2.46	ng	#	77
91) Benzo(g,h,i)perylene	16.55	276	49122	8.36	ng		96

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

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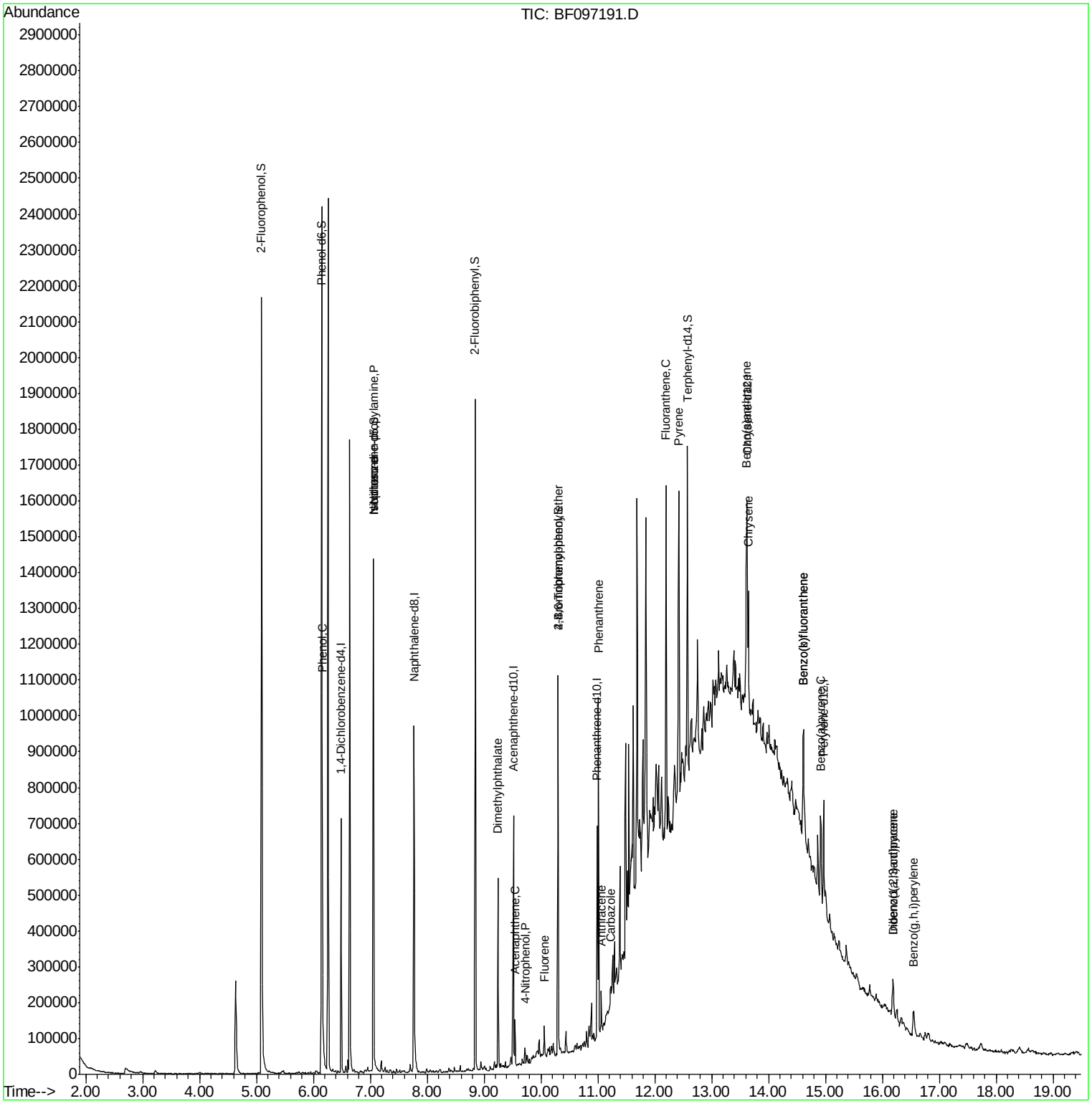
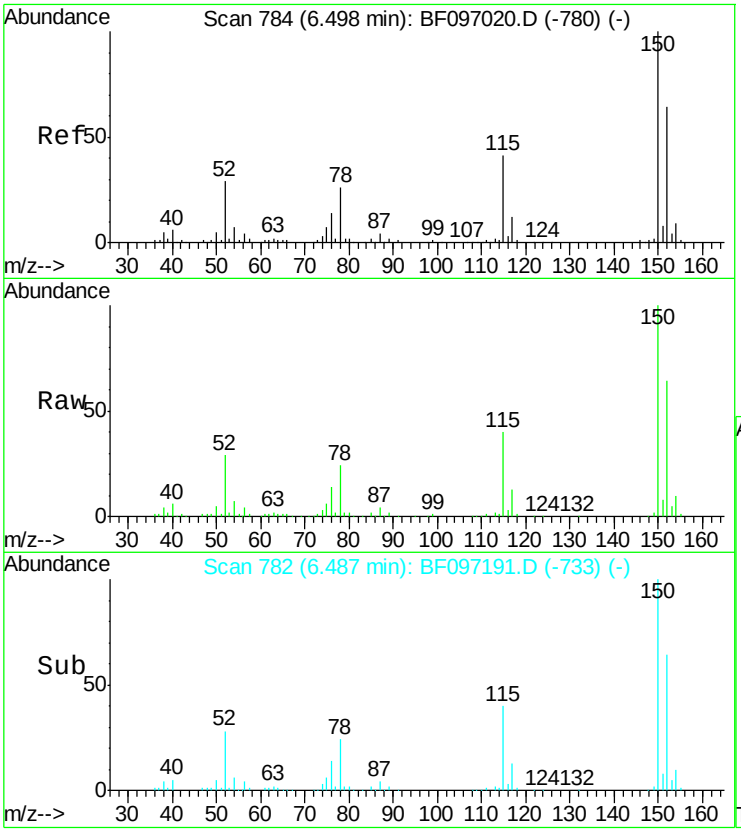


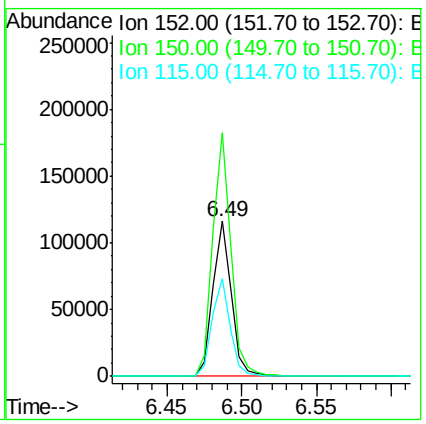


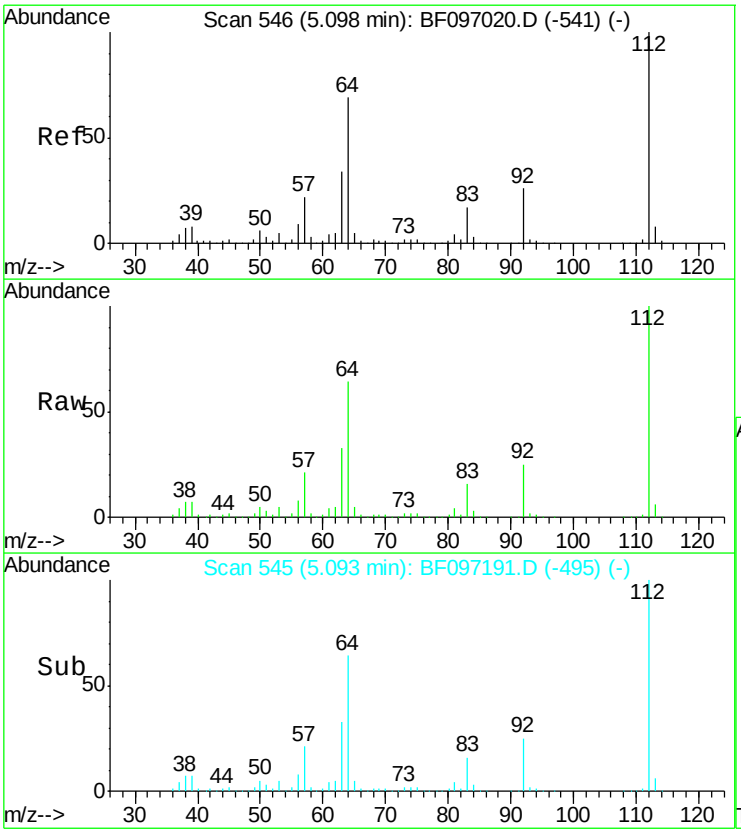
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.49 min Scan# 782
Delta R.T. -0.01 min
Lab File: BF097191.D
Acq: 29 Jul 2017 9:05

Instrument :
BNA_F
ClientSampleId :
E2-HS5-NSW

Tgt Ion:152 Resp: 99413

Ion	Ratio	Lower	Upper
152	100		
150	157.3	126.2	189.2
115	63.4	52.2	78.2

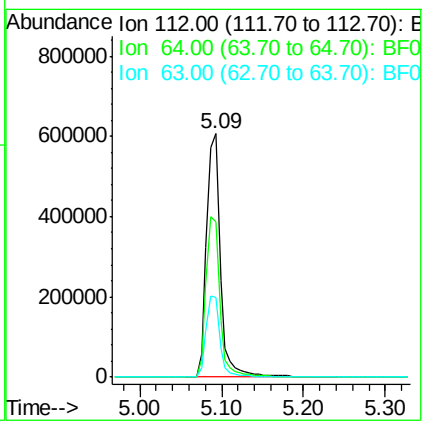


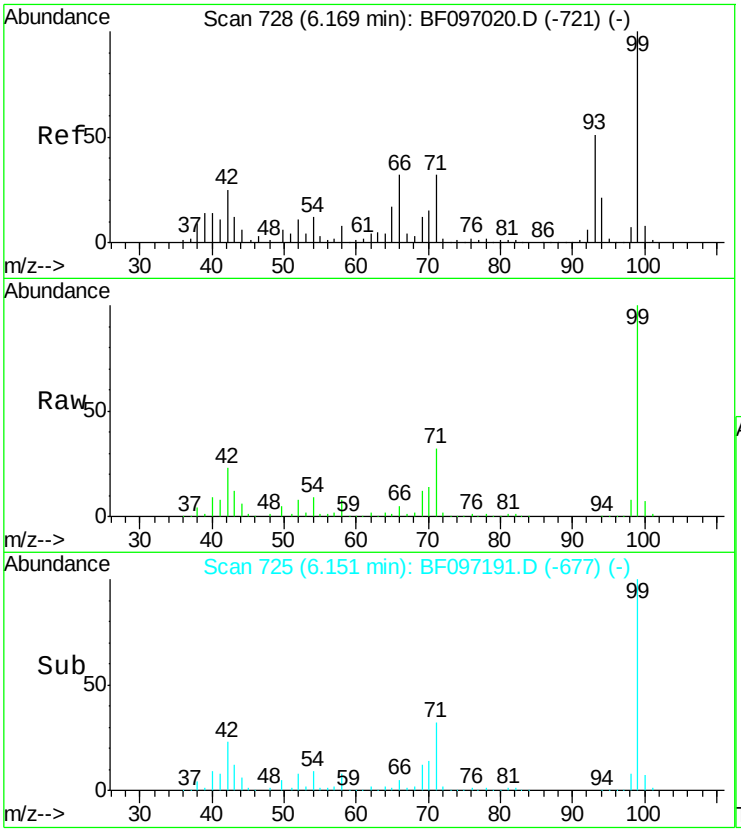


#5
2-Fluorophenol
Concen: 108.98 ng
RT: 5.09 min Scan# 545
Delta R.T. -0.01 min
Lab File: BF097191.D
Acq: 29 Jul 2017 9:05

Tgt Ion:112 Resp: 718674

Ion	Ratio	Lower	Upper
112	100		
64	63.6	46.0	69.0
63	32.6	23.4	35.0



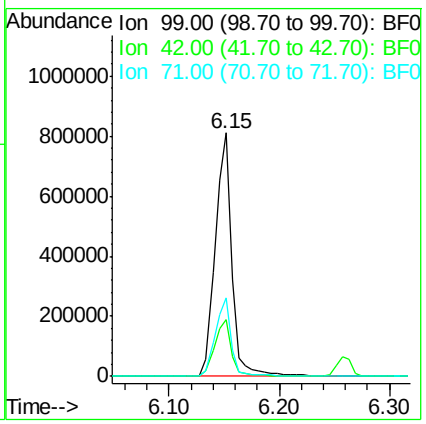


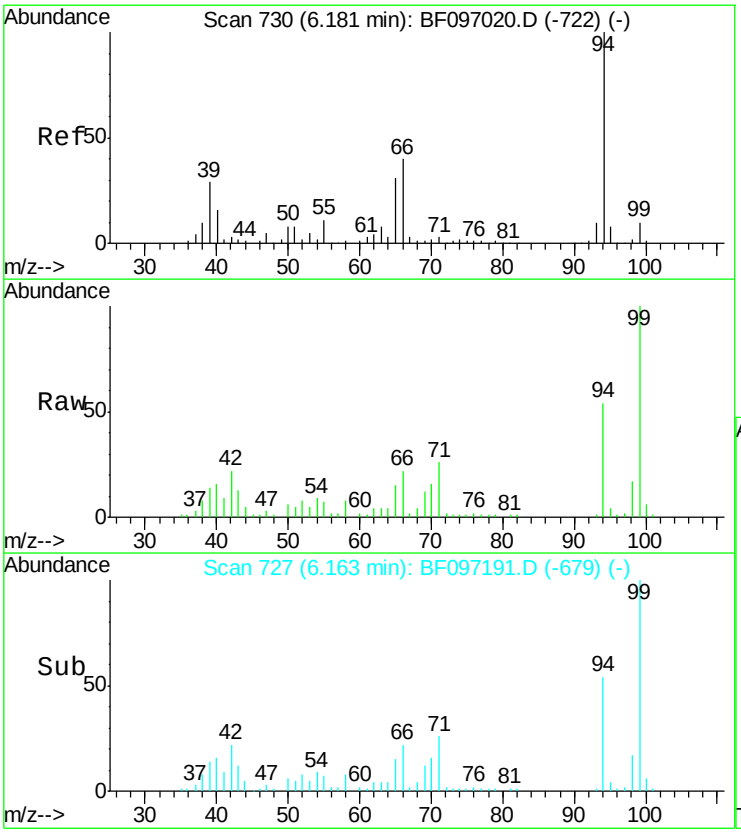
#7
Phenol-d6
Concen: 112.23 ng
RT: 6.15 min Scan# 725
Delta R.T. -0.02 min
Lab File: BF097191.D
Acq: 29 Jul 2017 9:05

Instrument :
BNA_F
ClientSampleId :
E2-HS5-NSW

Tgt Ion: 99 Resp: 844894

Ion	Ratio	Lower	Upper
99	100		
42	23.3	13.5	20.3#
71	32.0	24.5	36.7

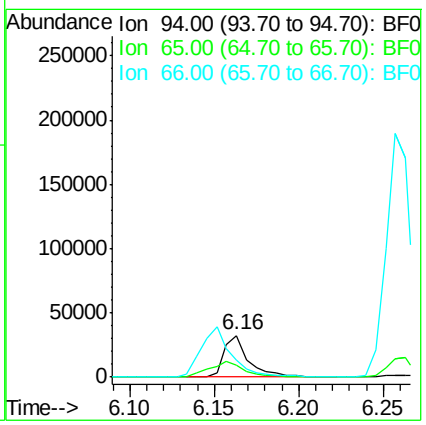


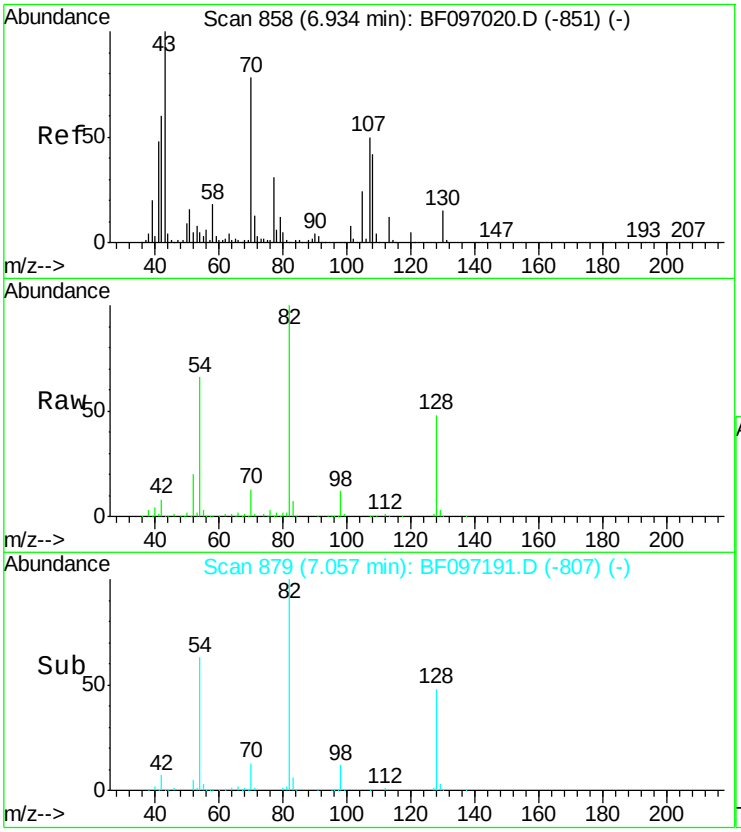


#10
Phenol
Concen: 3.67 ng
RT: 6.16 min Scan# 727
Delta R.T. -0.02 min
Lab File: BF097191.D
Acq: 29 Jul 2017 9:05

Tgt Ion: 94 Resp: 32797

Ion	Ratio	Lower	Upper
94	100		
65	28.5	9.9	49.9
66	41.5	23.1	63.1



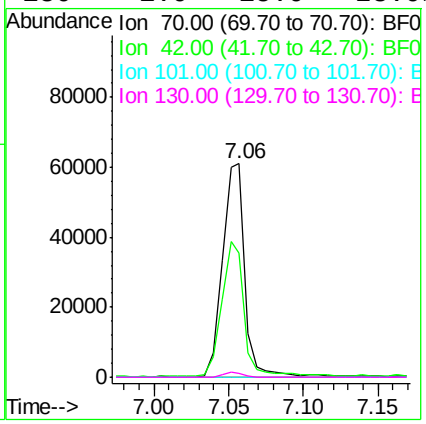


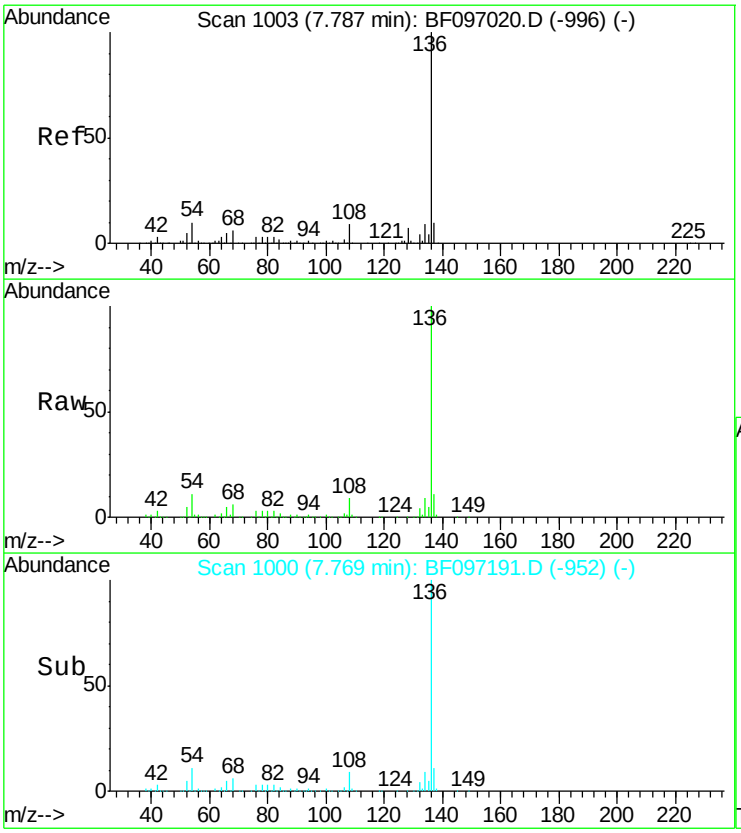
#19
n-Nitroso-di-n-propylamine
Concen: 13.17 ng
RT: 7.06 min Scan# 879
Delta R.T. 0.12 min
Lab File: BF097191.D
Acq: 29 Jul 2017 9:05

Instrument :
BNA_F
ClientSampleId :
E2-HS5-NSW

Tgt Ion: 70 Resp: 65283

Ion	Ratio	Lower	Upper
70	100		
42	58.2	47.2	70.8
101	0.0	7.2	10.8#
130	1.9	15.9	23.9#

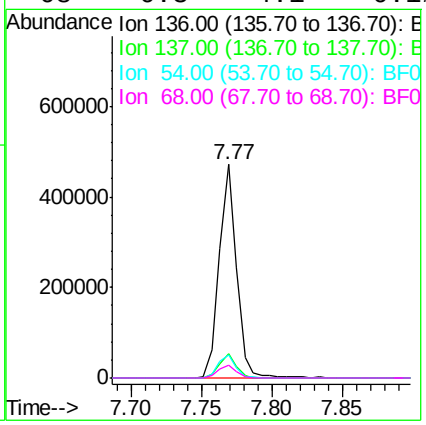


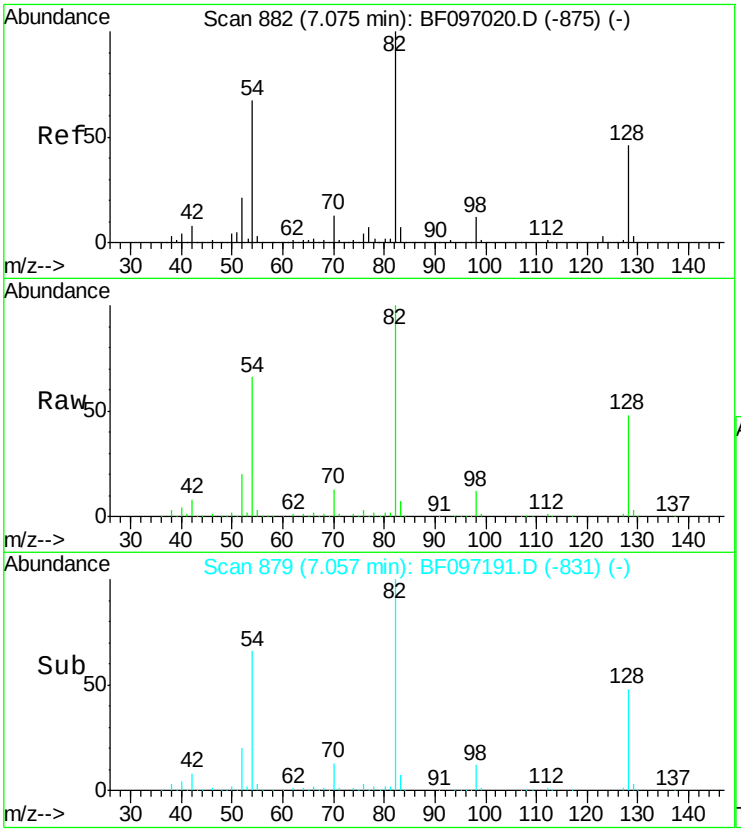


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.77 min Scan# 1000
Delta R.T. -0.02 min
Lab File: BF097191.D
Acq: 29 Jul 2017 9:05

Tgt Ion:136 Resp: 405613

Ion	Ratio	Lower	Upper
136	100		
137	11.5	8.5	12.7
54	10.6	4.9	7.3#
68	6.3	4.1	6.1#



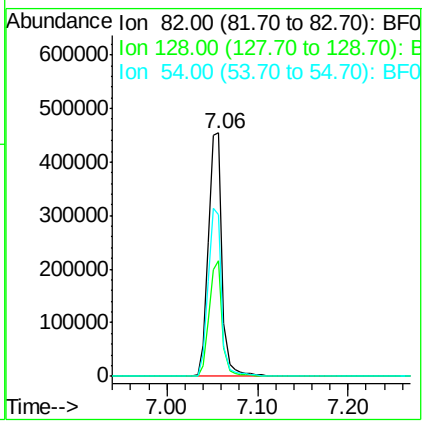


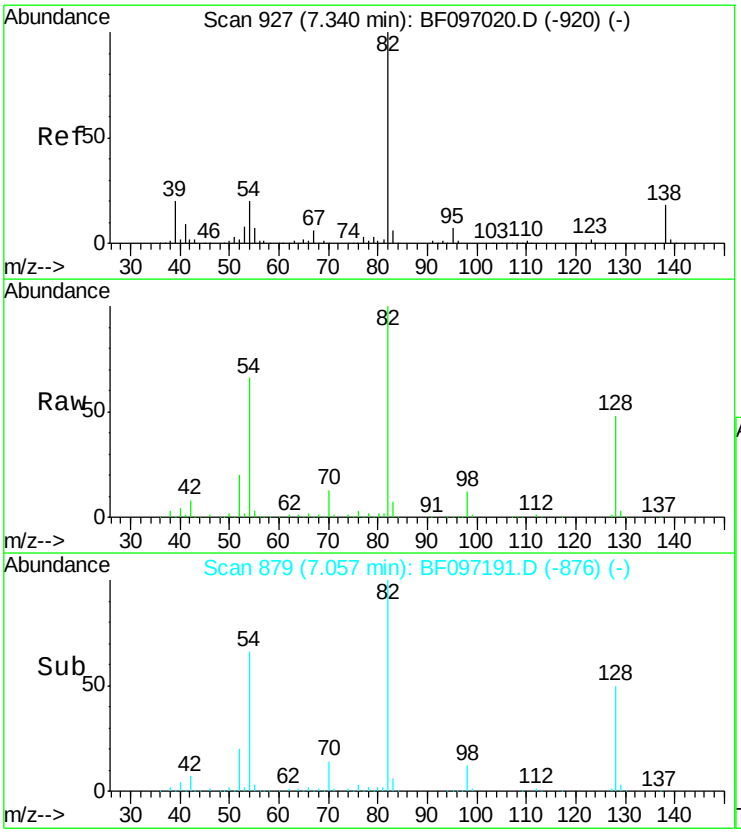
#23
Nitrobenzene-d5
Concen: 70.90 ng
RT: 7.06 min Scan# 879
Delta R.T. -0.02 min
Lab File: BF097191.D
Acq: 29 Jul 2017 9:05

Instrument :
BNA_F
ClientSampleId :
E2-HS5-NSW

Tgt Ion: 82 Resp: 490204

Ion	Ratio	Lower	Upper
82	100		
128	47.6	34.0	51.0
54	66.4	42.2	63.2#

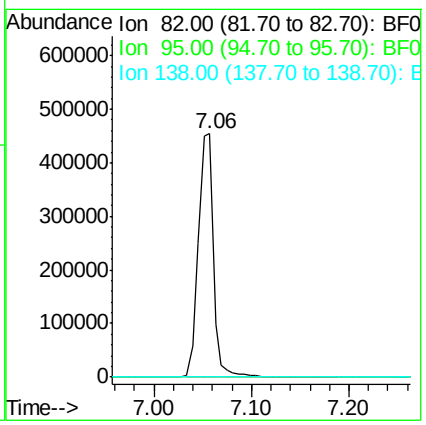


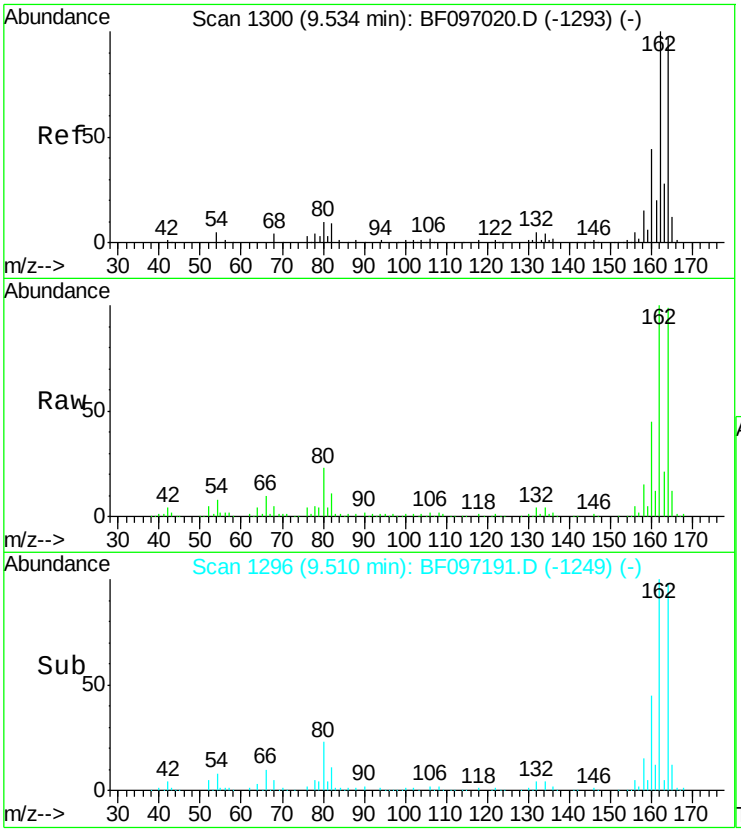


#25
Isophorone
Concen: 35.81 ng
RT: 7.06 min Scan# 879
Delta R.T. -0.28 min
Lab File: BF097191.D
Acq: 29 Jul 2017 9:05

Tgt Ion: 82 Resp: 484884

Ion	Ratio	Lower	Upper
82	100		
95	0.2	5.3	7.9#
138	0.0	13.1	19.7#



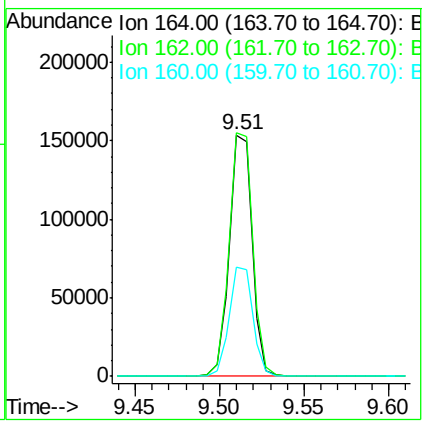


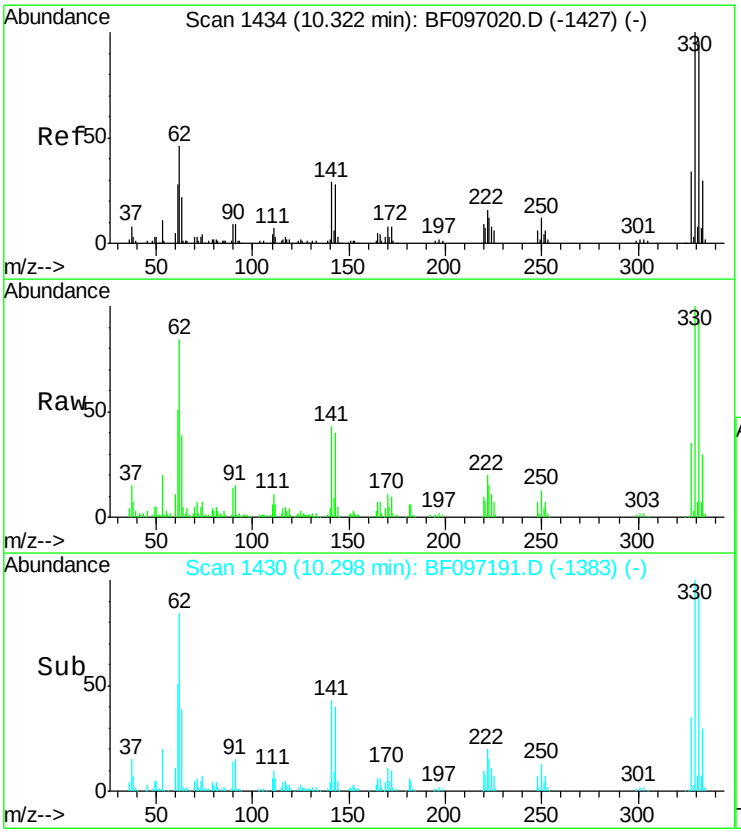
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.51 min Scan# 1296
Delta R.T. -0.02 min
Lab File: BF097191.D
Acq: 29 Jul 2017 9:05

Instrument :
BNA_F
ClientSampleId :
E2-HS5-NSW

Tgt Ion:164 Resp: 143164

Ion	Ratio	Lower	Upper
164	100		
162	100.8	82.6	123.8
160	45.3	36.2	54.2

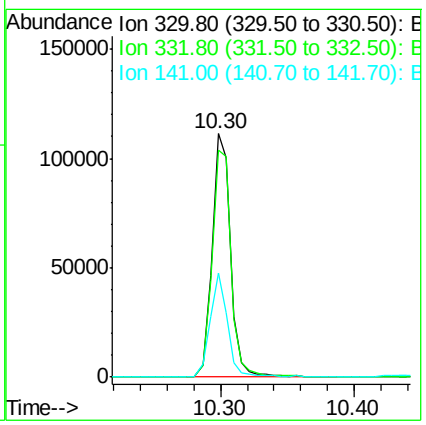


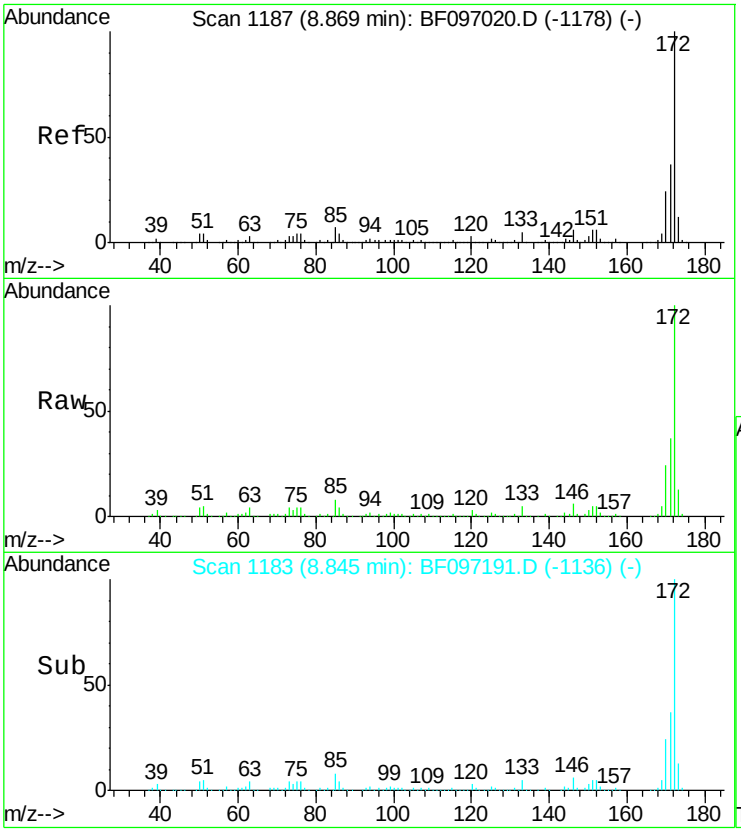


#41
2,4,6-Tribromophenol
Concen: 95.86 ng
RT: 10.30 min Scan# 1430
Delta R.T. -0.02 min
Lab File: BF097191.D
Acq: 29 Jul 2017 9:05

Tgt Ion:330 Resp: 108434

Ion	Ratio	Lower	Upper
330	100		
332	96.2	76.6	115.0
141	40.9	31.4	47.2



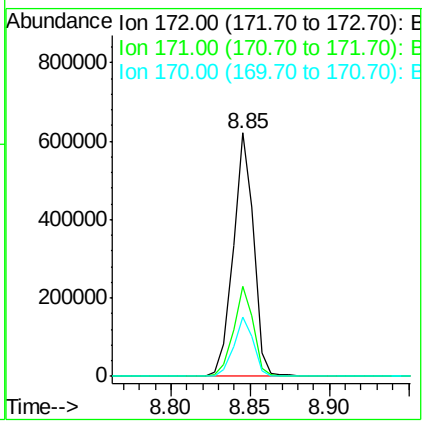


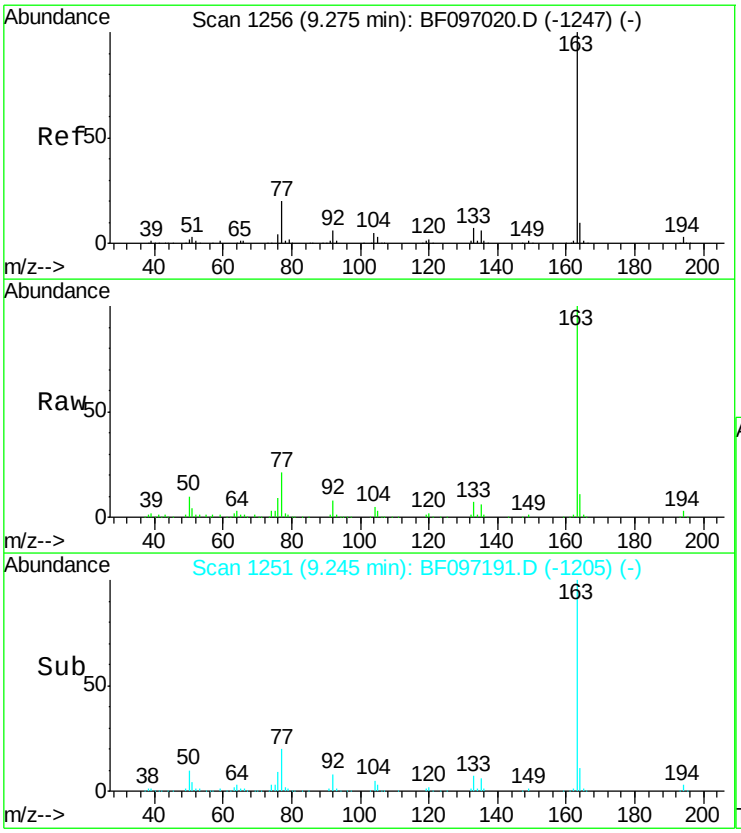
#44
2-Fluorobiphenyl
Concen: 65.52 ng
RT: 8.85 min Scan# 1183
Delta R.T. -0.02 min
Lab File: BF097191.D
Acq: 29 Jul 2017 9:05

Instrument :
BNA_F
ClientSampleId :
E2-HS5-NSW

Tgt Ion:172 Resp: 552685

Ion	Ratio	Lower	Upper
172	100		
171	36.8	29.6	44.4
170	24.2	19.8	29.8

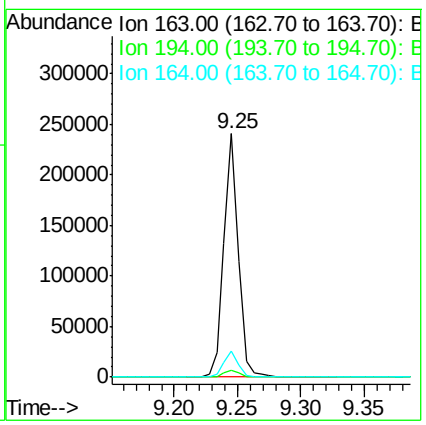


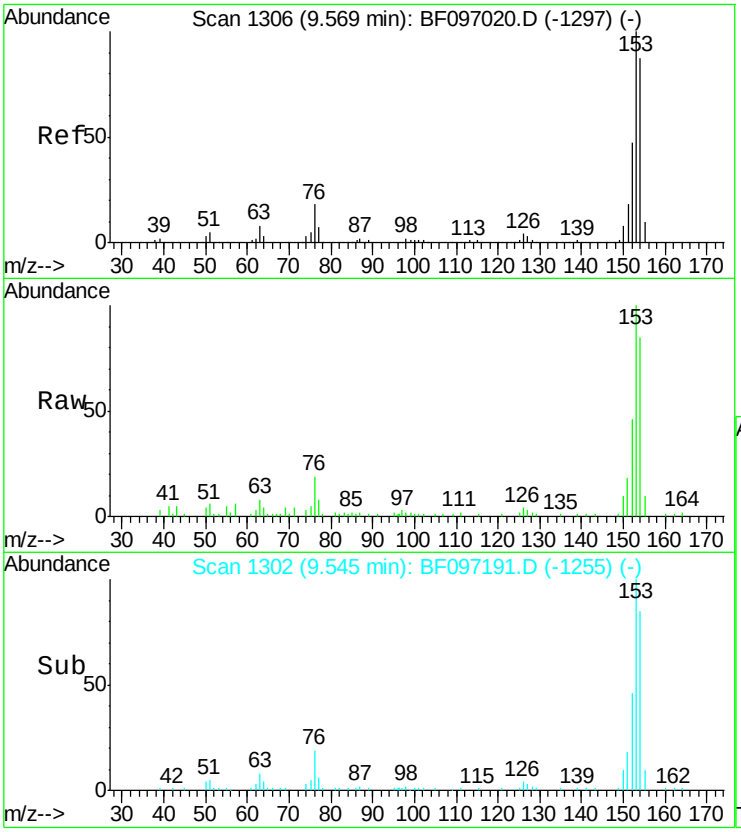


#49
Dimethylphthalate
Concen: 17.65 ng
RT: 9.25 min Scan# 1251
Delta R.T. -0.03 min
Lab File: BF097191.D
Acq: 29 Jul 2017 9:05

Tgt Ion:163 Resp: 191919

Ion	Ratio	Lower	Upper
163	100		
194	3.0	2.6	4.0
164	10.6	8.4	12.6



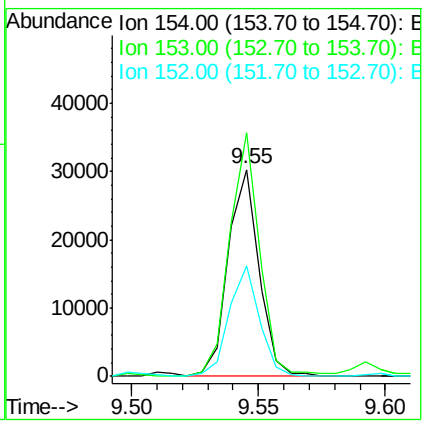


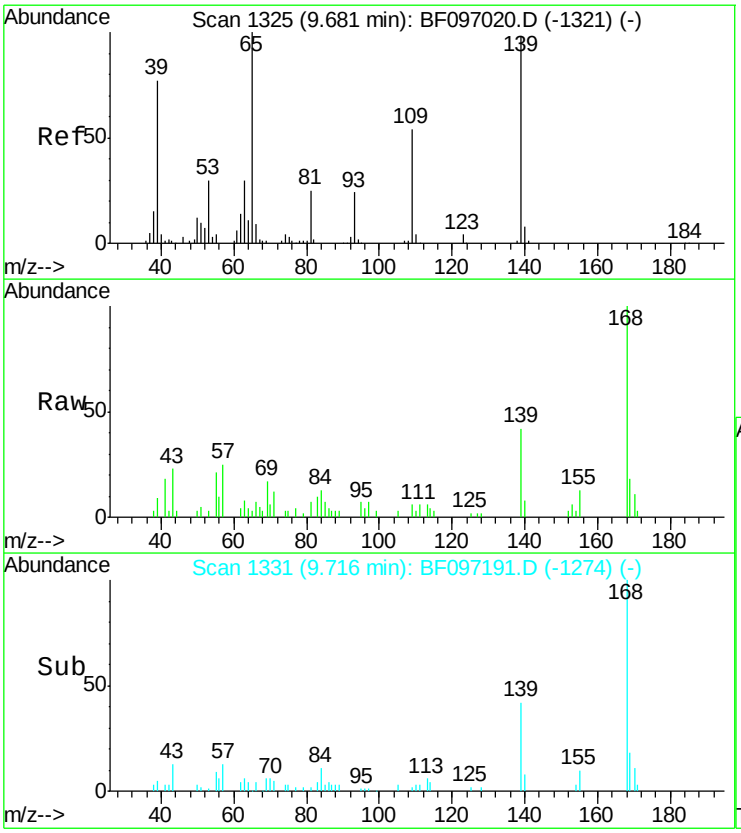
#51
Acenaphthene
Concen: 3.15 ng
RT: 9.55 min Scan# 1302
Delta R.T. -0.02 min
Lab File: BF097191.D
Acq: 29 Jul 2017 9:05

Instrument :
BNA_F
ClientSampleId :
E2-HS5-NSW

Tgt Ion:154 Resp: 25648

Ion	Ratio	Lower	Upper
154	100		
153	117.9	90.5	135.7
152	53.8	43.6	65.4

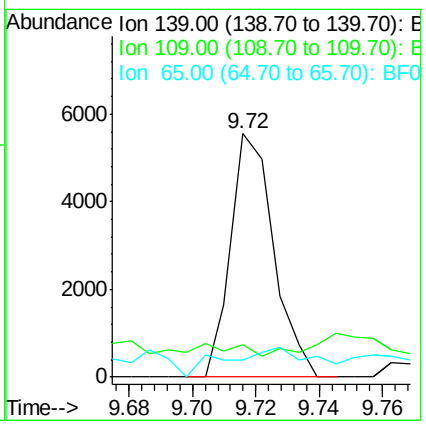


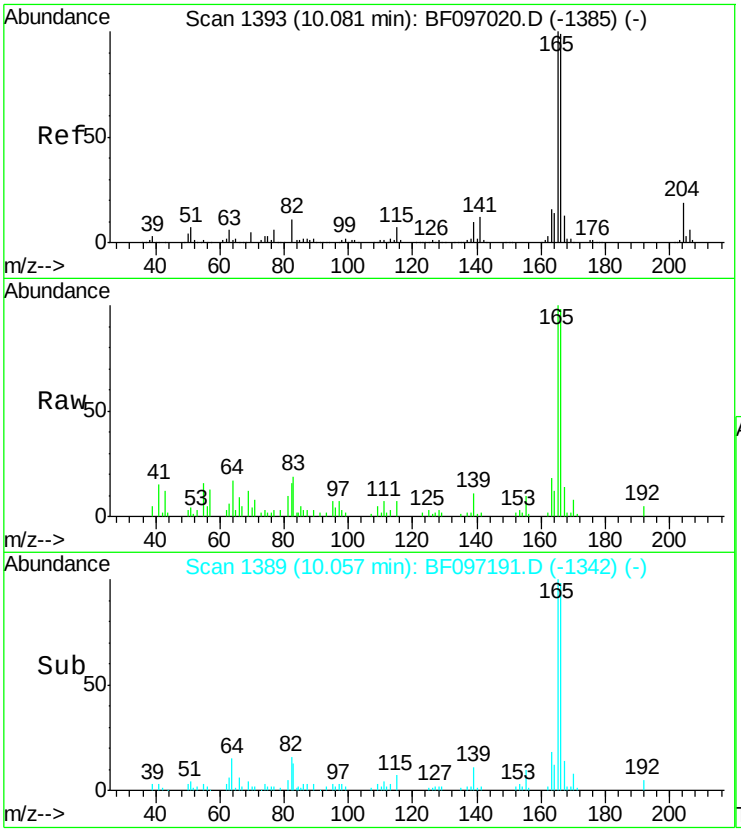


#55
4-Nitrophenol
Concen: 3.06 ng
RT: 9.72 min Scan# 1331
Delta R.T. 0.04 min
Lab File: BF097191.D
Acq: 29 Jul 2017 9:05

Tgt Ion:139 Resp: 5216

Ion	Ratio	Lower	Upper
139	100		
109	13.4	34.1	74.1#
65	7.0	31.4	71.4#



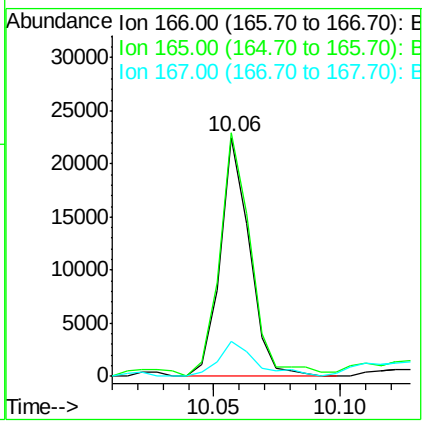


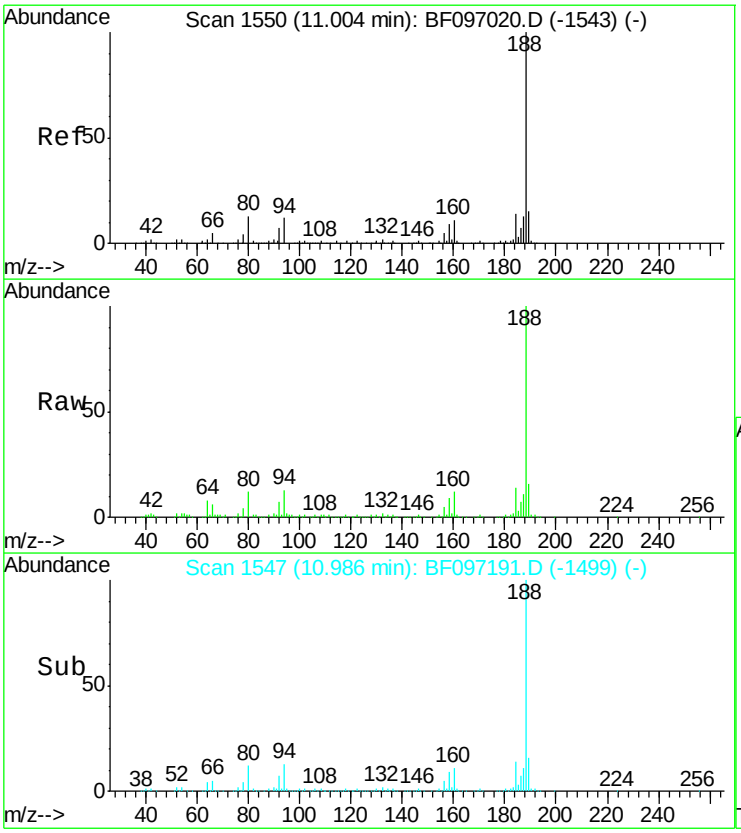
#57
Fluorene
Concen: 2.22 ng
RT: 10.06 min Scan# 1389
Delta R.T. -0.02 min
Lab File: BF097191.D
Acq: 29 Jul 2017 9:05

Instrument :
BNA_F
ClientSampleId :
E2-HS5-NSW

Tgt Ion:166 Resp: 18116

Ion	Ratio	Lower	Upper
166	100		
165	101.9	78.8	118.2
167	14.7	10.6	16.0

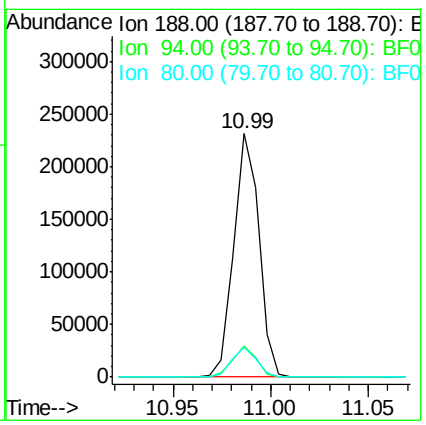


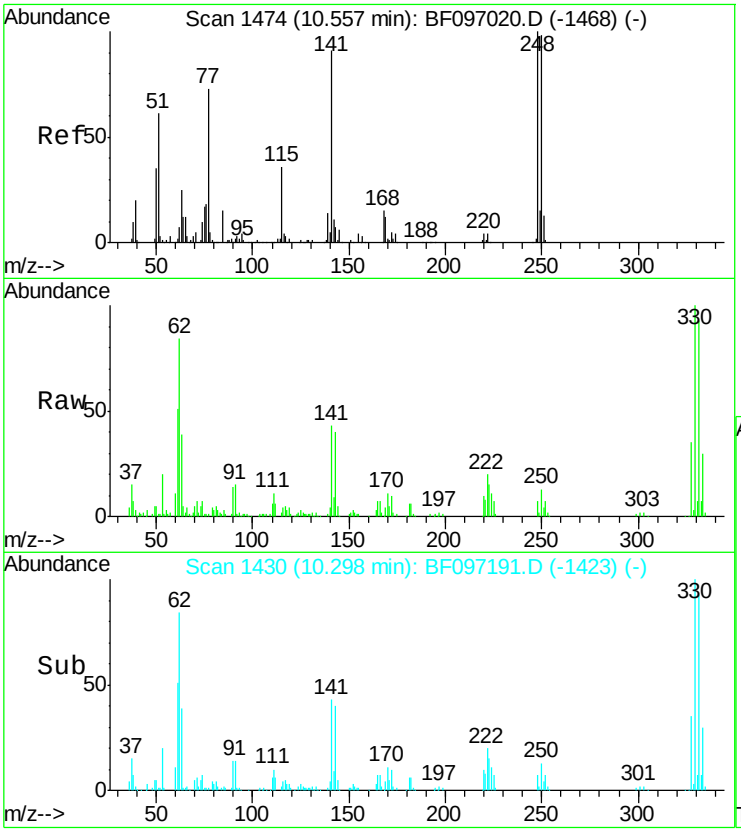


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 10.99 min Scan# 1547
Delta R.T. -0.02 min
Lab File: BF097191.D
Acq: 29 Jul 2017 9:05

Tgt Ion:188 Resp: 208101

Ion	Ratio	Lower	Upper
188	100		
94	13.0	9.4	14.2
80	12.3	10.2	15.2



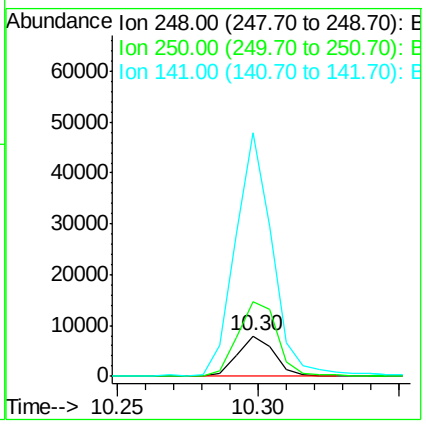


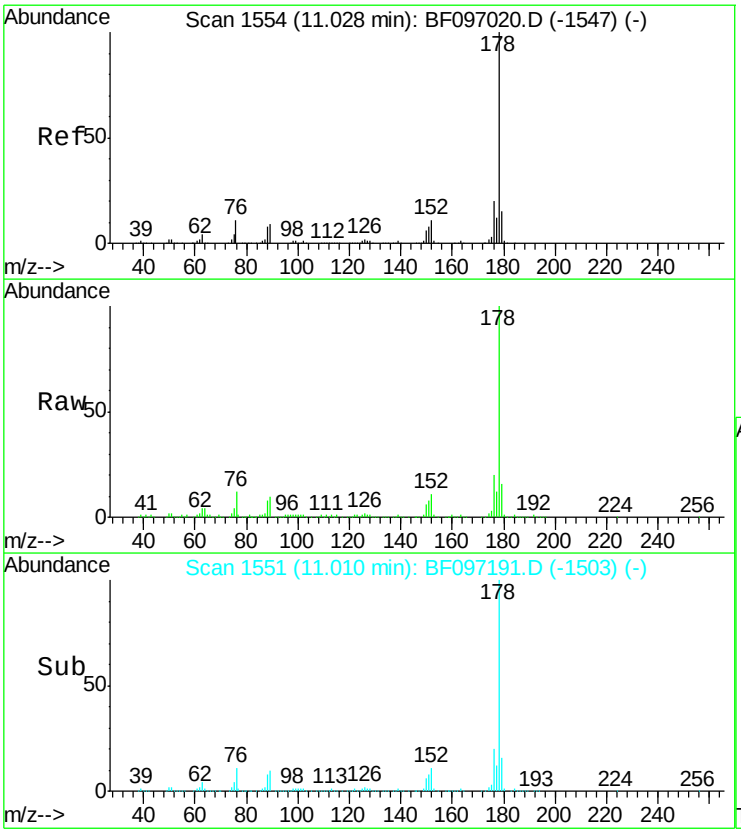
#66
4-Bromophenyl-phenylether
Concen: 3.40 ng
RT: 10.30 min Scan# 1430
Delta R.T. -0.26 min
Lab File: BF097191.D
Acq: 29 Jul 2017 9:05

Instrument :
BNA_F
ClientSampleId :
E2-HS5-NSW

Tgt Ion:248 Resp: 7071

Ion	Ratio	Lower	Upper
248	100		
250	185.3	76.8	115.2#
141	603.7	68.6	103.0#

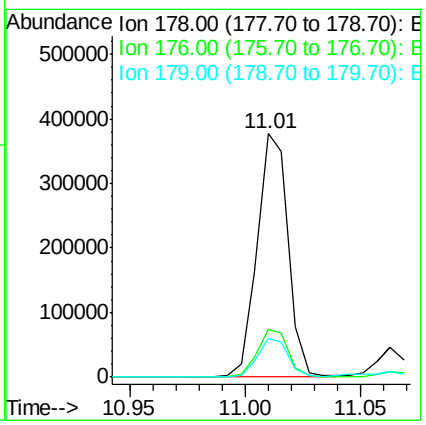


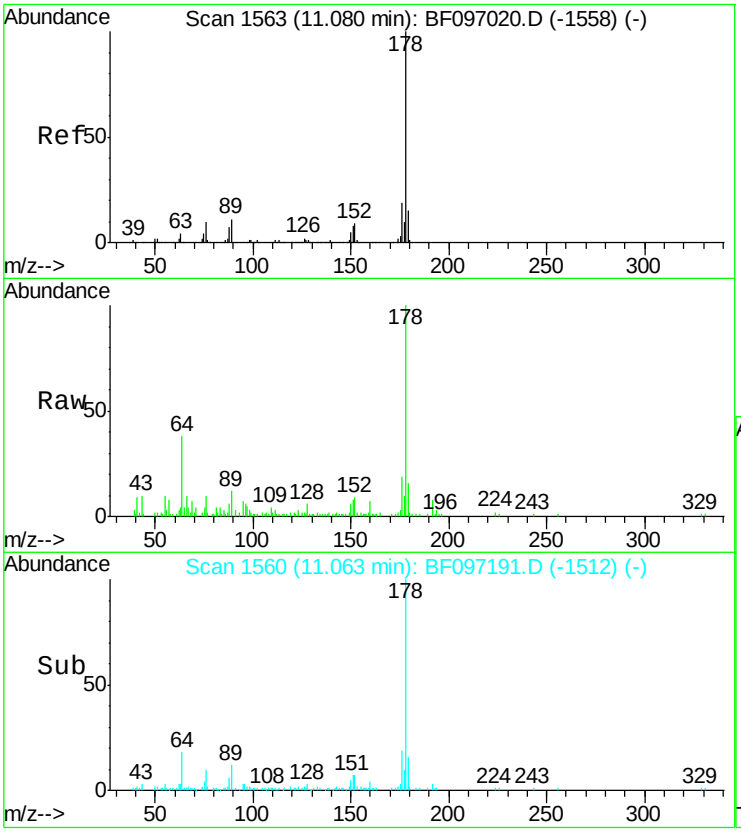


#70
Phenanthrene
Concen: 31.62 ng
RT: 11.01 min Scan# 1551
Delta R.T. -0.02 min
Lab File: BF097191.D
Acq: 29 Jul 2017 9:05

Tgt Ion:178 Resp: 352614

Ion	Ratio	Lower	Upper
178	100		
176	19.8	16.2	24.4
179	15.8	12.6	19.0



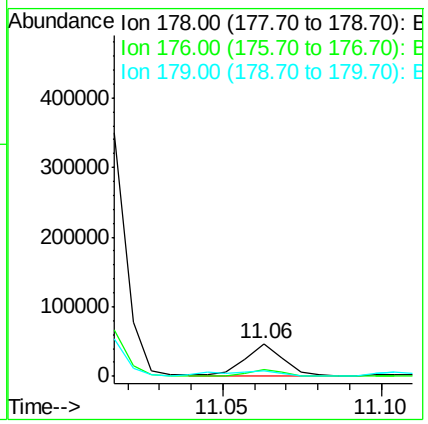


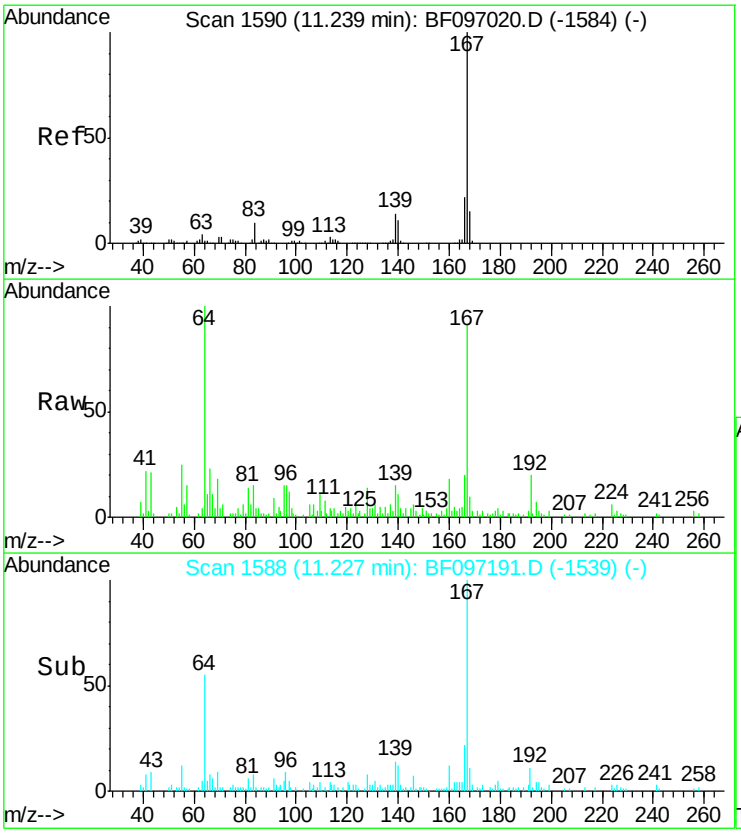
#71
Anthracene
Concen: 3.43 ng
RT: 11.06 min Scan# 1560
Delta R.T. -0.02 min
Lab File: BF097191.D
Acq: 29 Jul 2017 9:05

Instrument :
BNA_F
ClientSampleId :
E2-HS5-NSW

Tgt Ion:178 Resp: 39146

Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.8	23.8
179	16.3	12.7	19.1

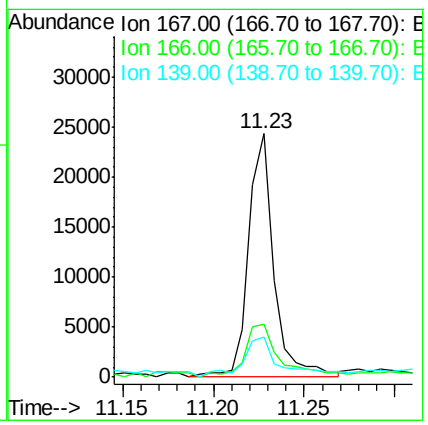


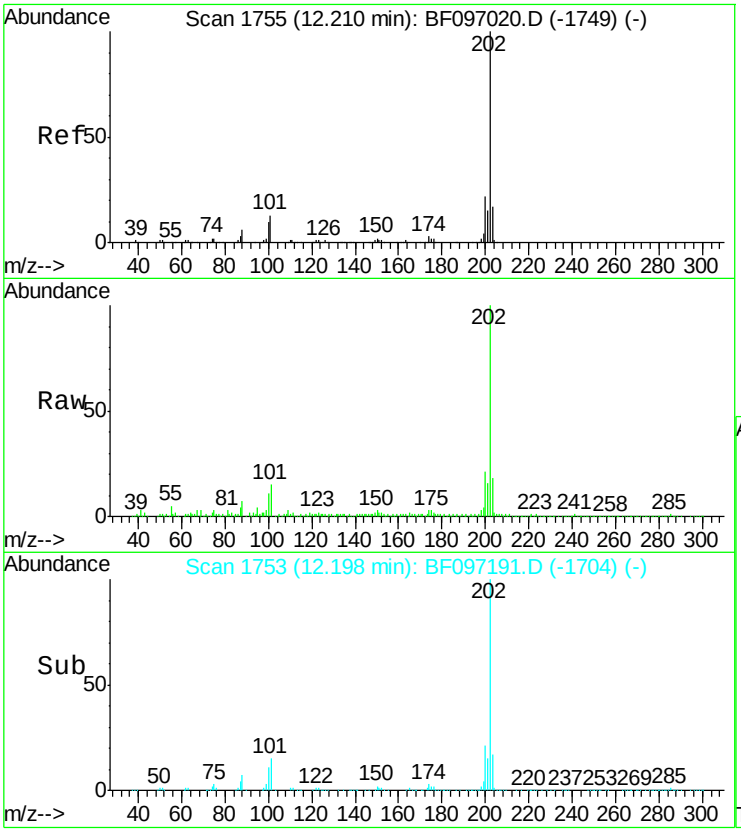


#72
Carbazole
Concen: 2.12 ng
RT: 11.23 min Scan# 1588
Delta R.T. -0.01 min
Lab File: BF097191.D
Acq: 29 Jul 2017 9:05

Tgt Ion:167 Resp: 23810

Ion	Ratio	Lower	Upper
167	100		
166	21.6	18.1	27.1
139	16.5	11.7	17.5



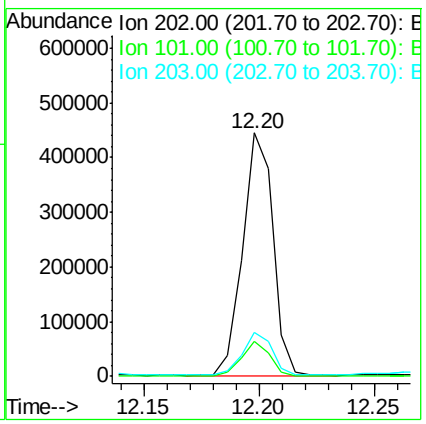


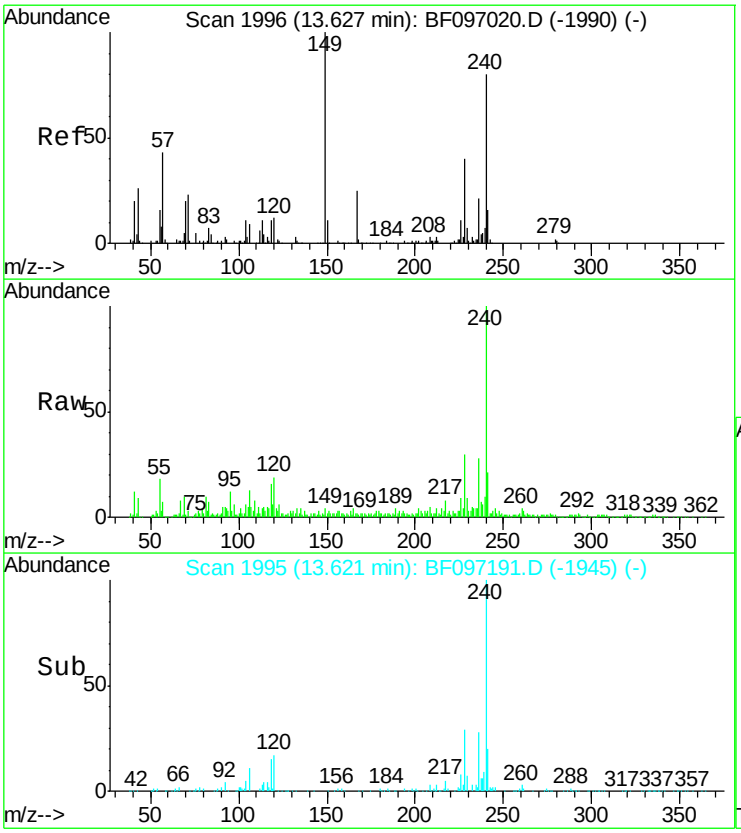
#74
Fluoranthene
Concen: 37.23 ng
RT: 12.20 min Scan# 1753
Delta R.T. -0.01 min
Lab File: BF097191.D
Acq: 29 Jul 2017 9:05

Instrument :
BNA_F
ClientSampleId :
E2-HS5-NSW

Tgt Ion:202 Resp: 406653

Ion	Ratio	Lower	Upper
202	100		
101	14.6	0.0	33.2
203	18.1	0.0	38.1

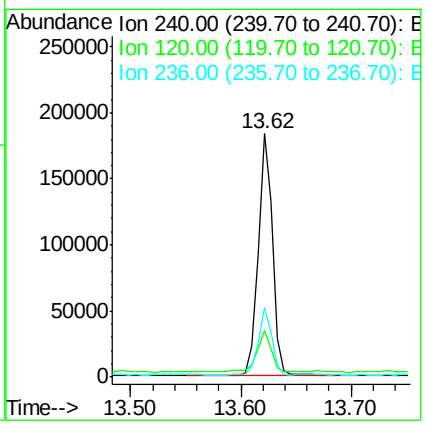


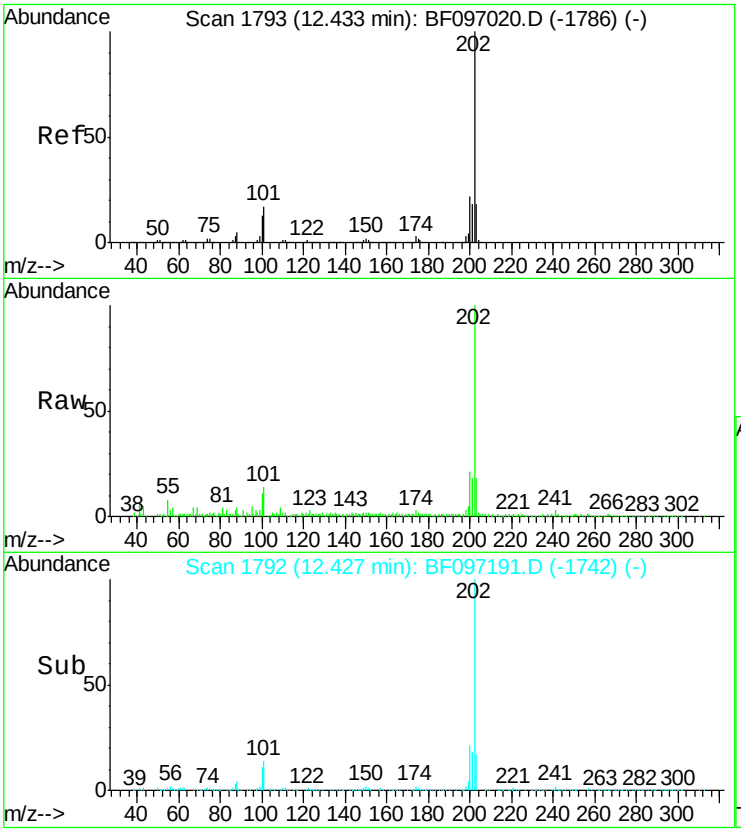


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.62 min Scan# 1995
Delta R.T. -0.01 min
Lab File: BF097191.D
Acq: 29 Jul 2017 9:05

Tgt Ion:240 Resp: 166929

Ion	Ratio	Lower	Upper
240	100		
120	19.1	5.8	8.8#
236	28.4	20.5	30.7



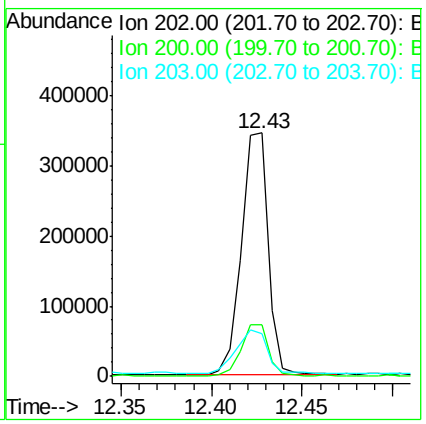


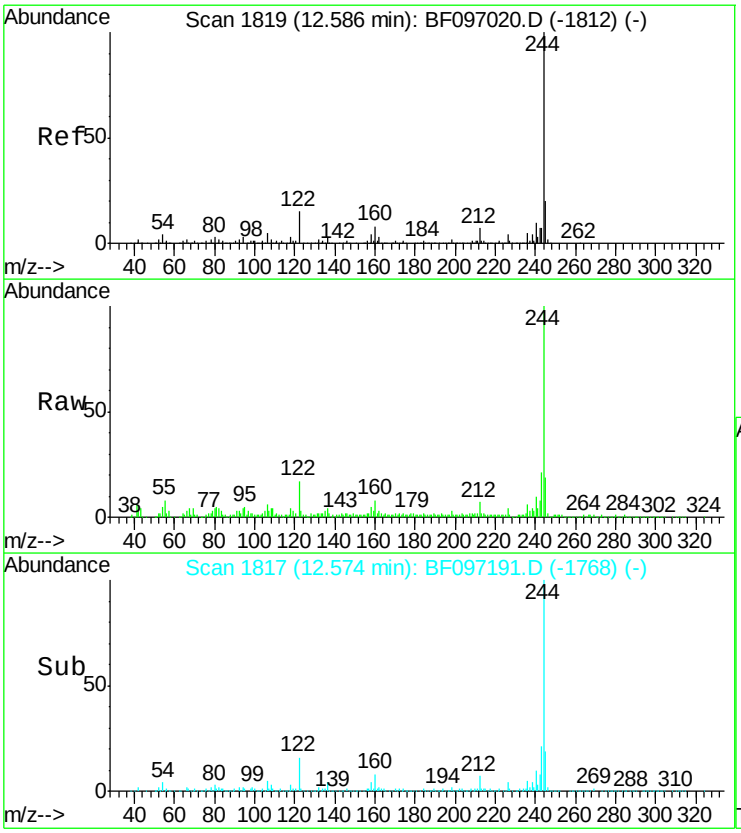
#77
Pyrene
Concen: 25.76 ng
RT: 12.43 min Scan# 1792
Delta R.T. -0.01 min
Lab File: BF097191.D
Acq: 29 Jul 2017 9:05

Instrument :
BNA_F
ClientSampleId :
E2-HS5-NSW

Tgt Ion:202 Resp: 352058

Ion	Ratio	Lower	Upper
202	100		
200	21.1	17.6	26.4
203	17.6	14.4	21.6

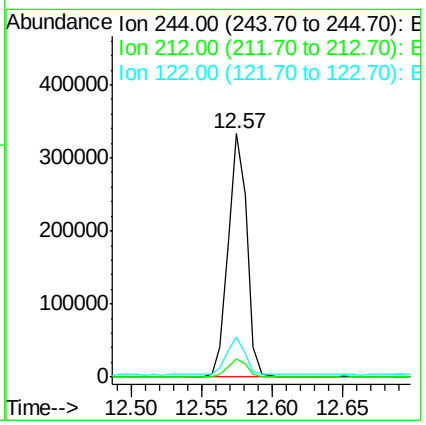


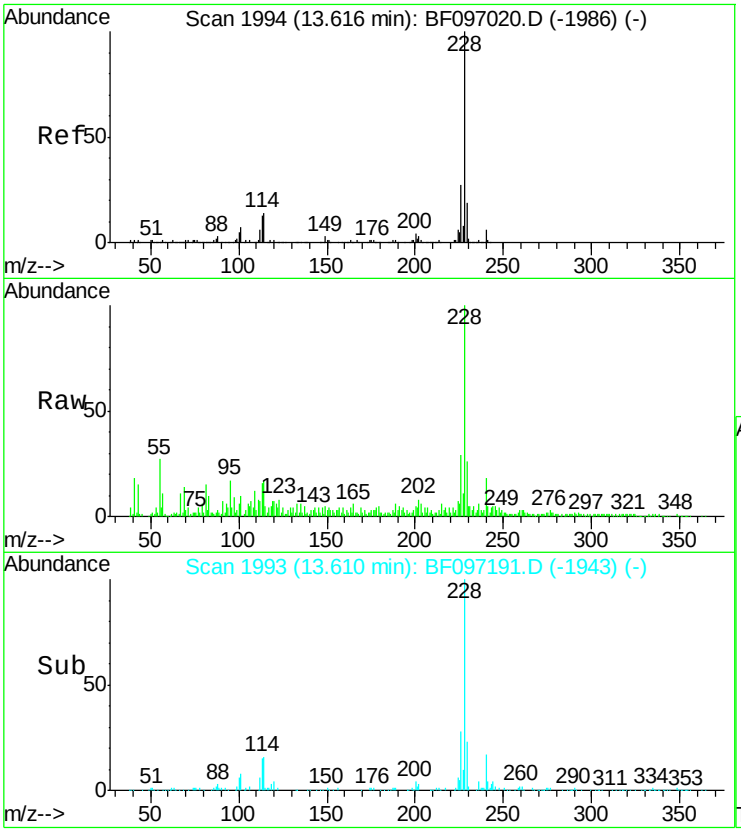


#78
Terphenyl-d14
Concen: 37.31 ng
RT: 12.57 min Scan# 1817
Delta R.T. -0.01 min
Lab File: BF097191.D
Acq: 29 Jul 2017 9:05

Tgt Ion:244 Resp: 305508

Ion	Ratio	Lower	Upper
244	100		
212	7.4	6.0	9.0
122	16.6	10.3	15.5#



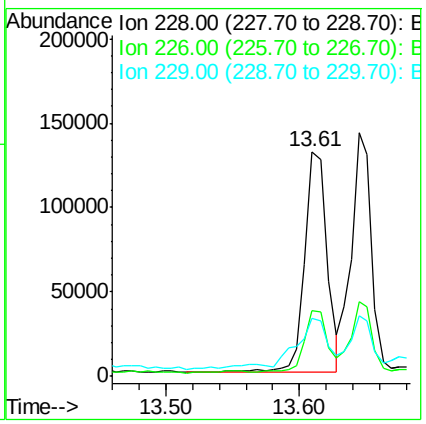


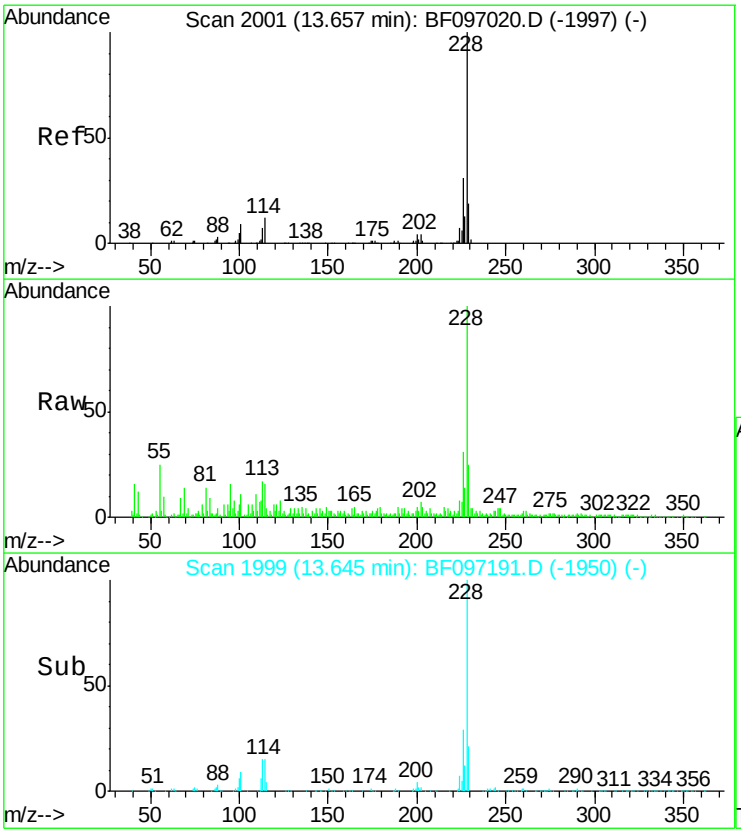
#80
Benzo(a)anthracene
Concen: 14.00 ng
RT: 13.61 min Scan# 1993
Delta R.T. -0.01 min
Lab File: BF097191.D
Acq: 29 Jul 2017 9:05

Instrument :
BNA_F
ClientSampleId :
E2-HS5-NSW

Tgt Ion:228 Resp: 151262

Ion	Ratio	Lower	Upper
228	100		
226	29.0	22.6	33.8
229	25.6	16.3	24.5#

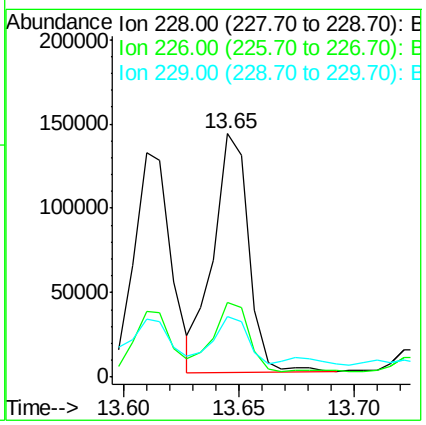


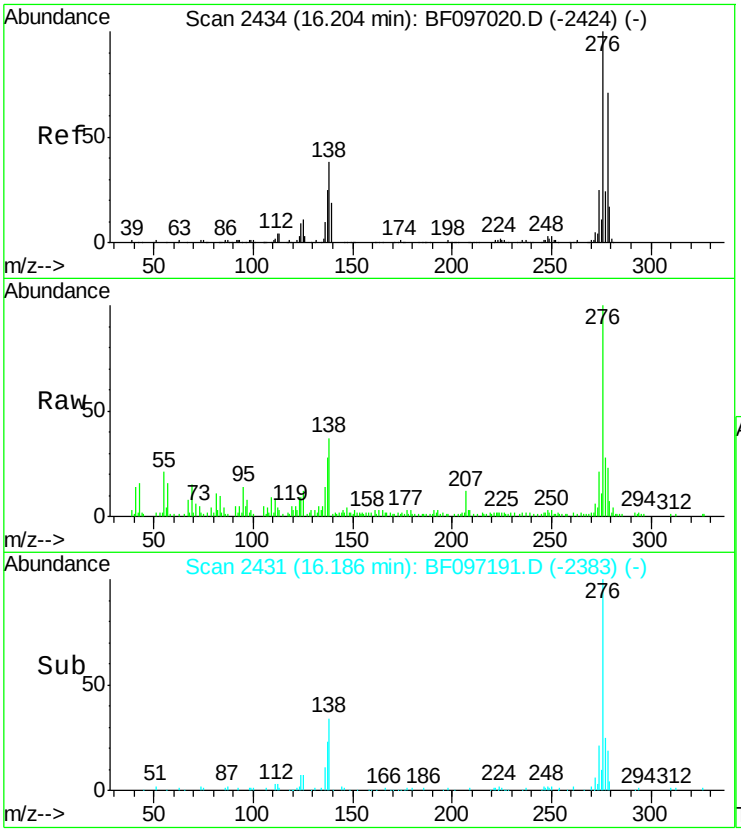


#82
Chrysene
Concen: 14.25 ng
RT: 13.65 min Scan# 1999
Delta R.T. -0.01 min
Lab File: BF097191.D
Acq: 29 Jul 2017 9:05

Tgt Ion:228 Resp: 150315

Ion	Ratio	Lower	Upper
228	100		
226	30.6	24.9	37.3
229	24.8	15.8	23.6#



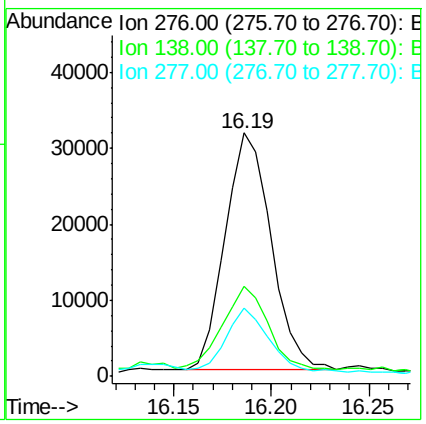


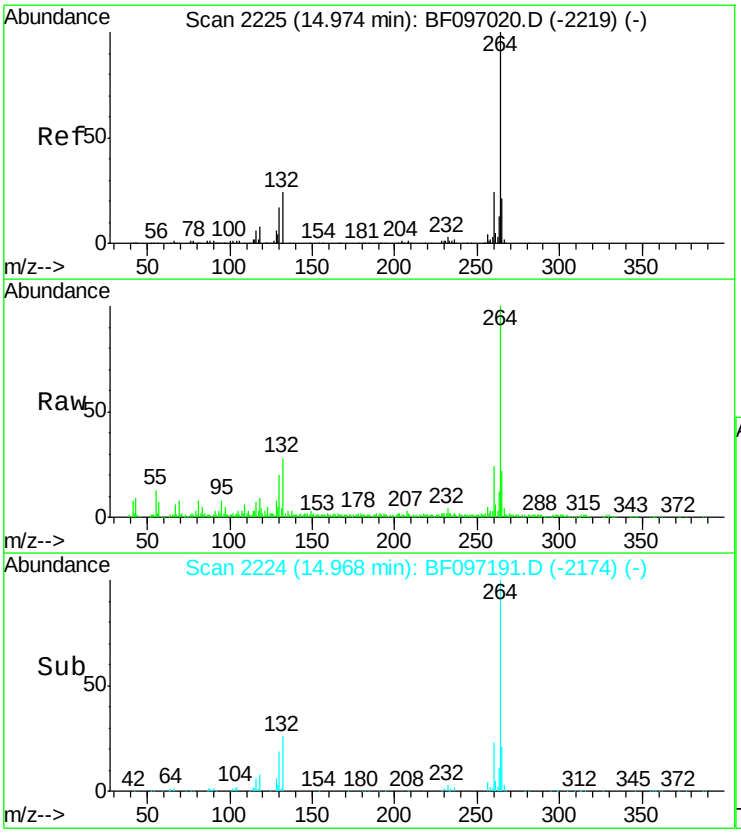
#85
Indeno(1,2,3-cd)pyrene
Concen: 5.67 ng
RT: 16.19 min Scan# 2431
Delta R.T. -0.02 min
Lab File: BF097191.D
Acq: 29 Jul 2017 9:05

Instrument :
BNA_F
ClientSampleId :
E2-HS5-NSW

Tgt Ion:276 Resp: 51241

Ion	Ratio	Lower	Upper
276	100		
138	34.3	27.8	41.6
277	24.9	20.2	30.4

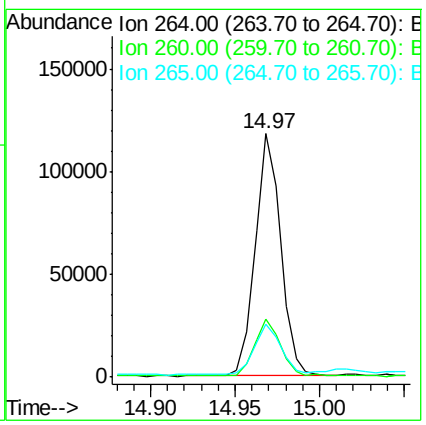


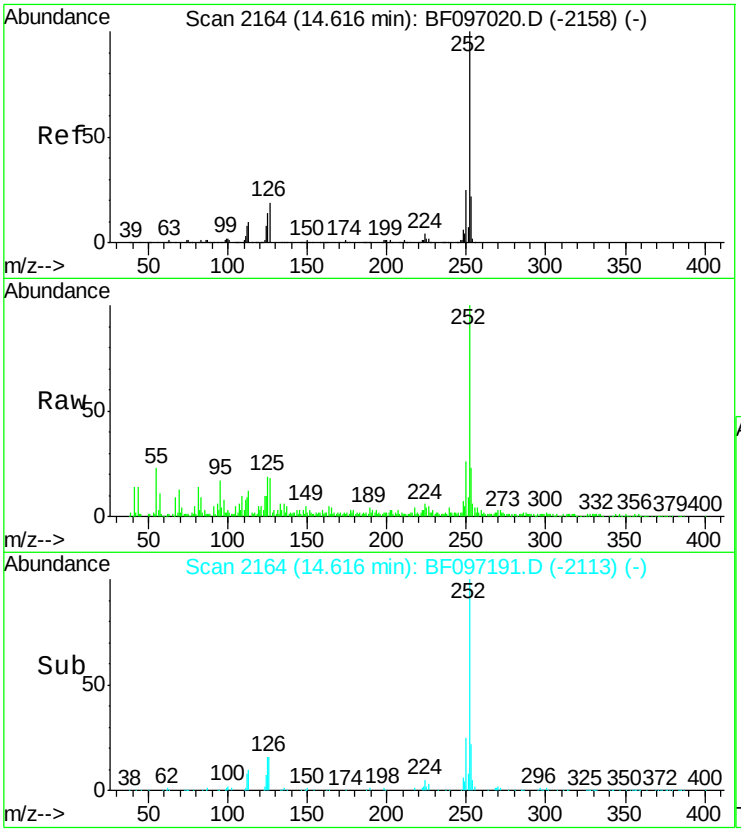


#86
Perylene-d12
Concen: 20.00 ng
RT: 14.97 min Scan# 2224
Delta R.T. -0.01 min
Lab File: BF097191.D
Acq: 29 Jul 2017 9:05

Tgt Ion:264 Resp: 124146

Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.5	29.3
265	21.6	17.2	25.8



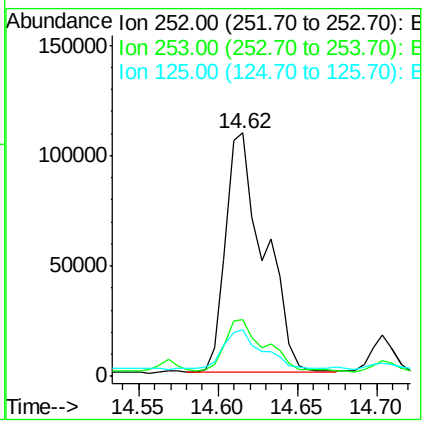


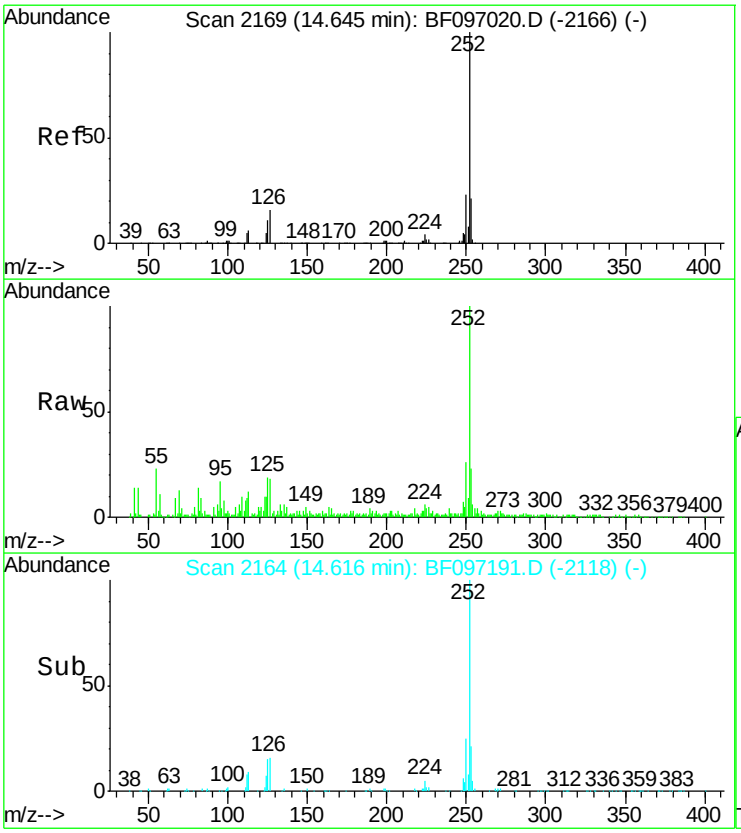
#87
Benzo(b)fluoranthene
Concen: 24.68 ng
RT: 14.62 min Scan# 2164
Delta R.T. -0.00 min
Lab File: BF097191.D
Acq: 29 Jul 2017 9:05

Instrument :
BNA_F
ClientSampleId :
E2-HS5-NSW

Tgt Ion:252 Resp: 184149

Ion	Ratio	Lower	Upper
252	100		
253	23.2	18.1	27.1
125	18.9	9.8	14.8#

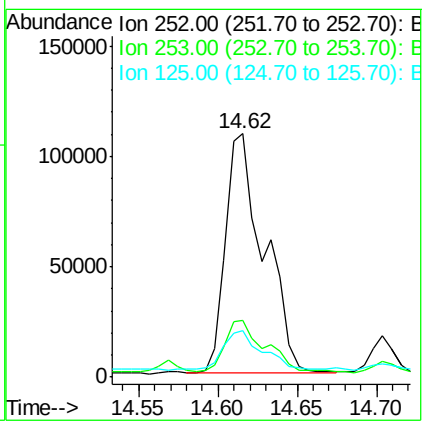


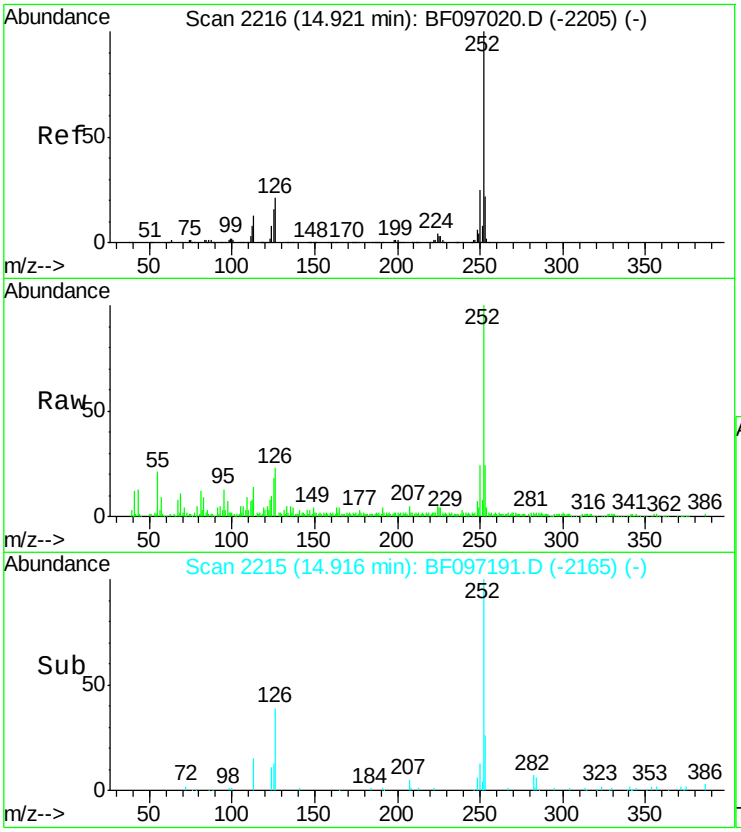


#88
Benzo(k)fluoranthene
Concen: 25.90 ng
RT: 14.62 min Scan# 2164
Delta R.T. -0.03 min
Lab File: BF097191.D
Acq: 29 Jul 2017 9:05

Tgt Ion:252 Resp: 184149

Ion	Ratio	Lower	Upper
252	100		
253	23.2	18.4	27.6
125	18.9	13.1	19.7



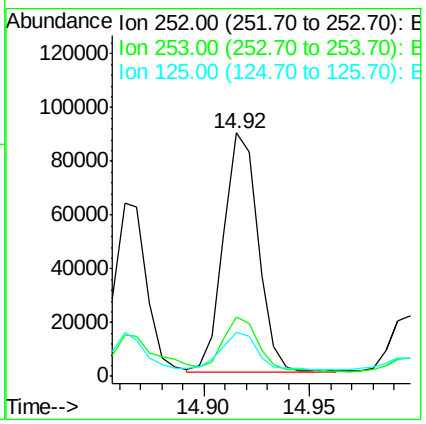


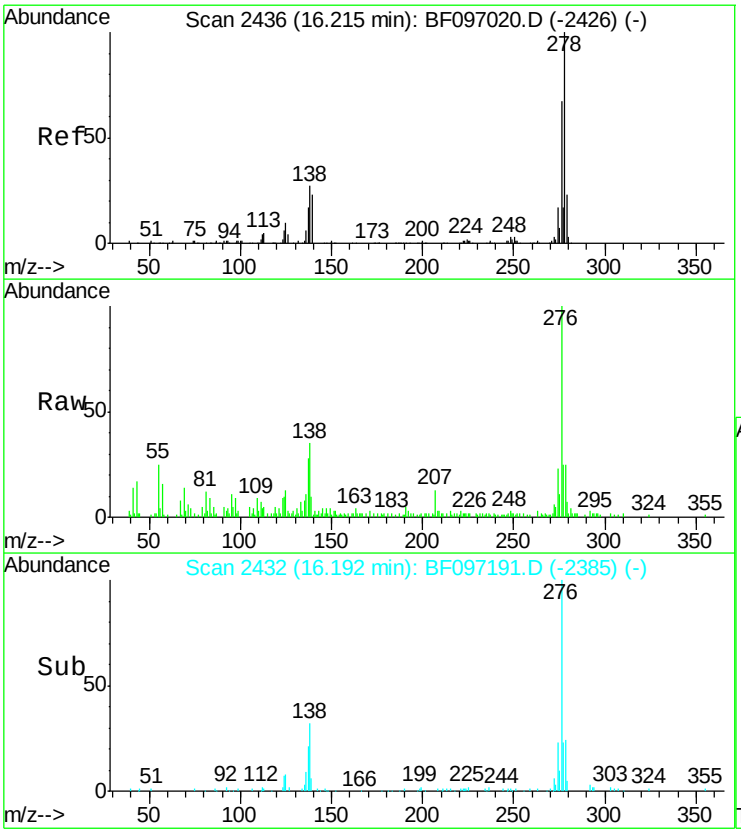
#89
Benzo(a)pyrene
Concen: 14.91 ng
RT: 14.92 min Scan# 2215
Delta R.T. -0.01 min
Lab File: BF097191.D
Acq: 29 Jul 2017 9:05

Instrument :
BNA_F
ClientSampleId :
E2-HS5-NSW

Tgt Ion:252 Resp: 101842

Ion	Ratio	Lower	Upper
252	100		
253	24.5	17.5	26.3
125	18.1	11.0	16.4#

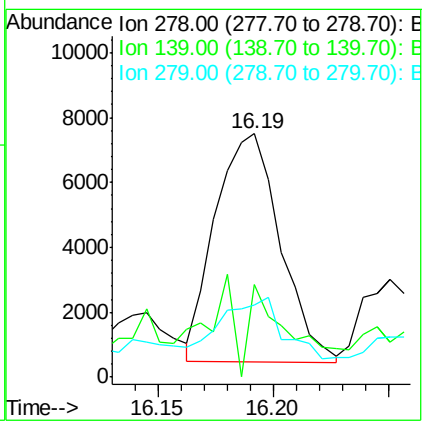


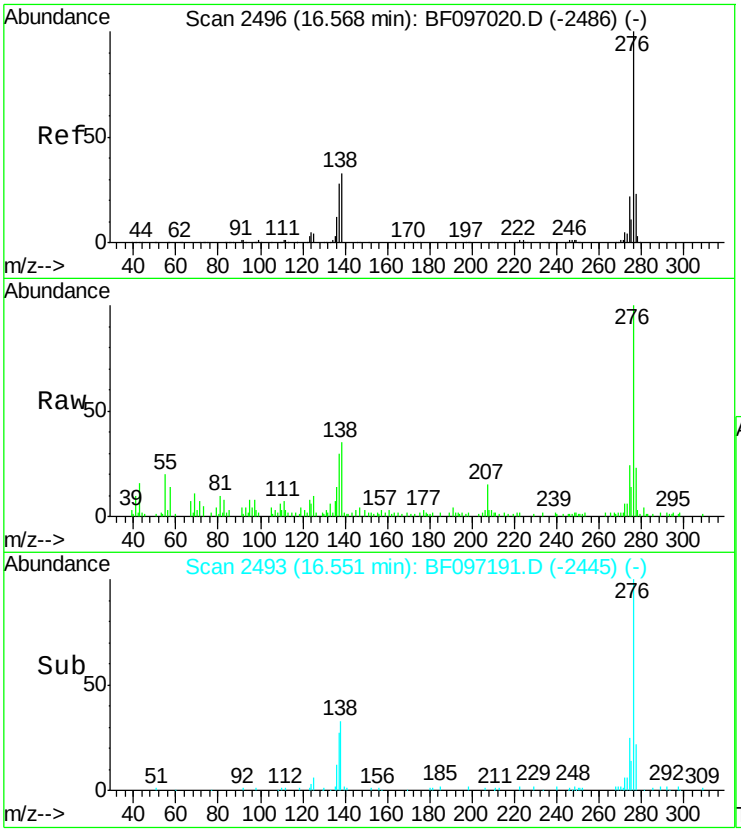


#90
Dibenzo(a,h)anthracene
Concen: 2.46 ng
RT: 16.19 min Scan# 2432
Delta R.T. -0.02 min
Lab File: BF097191.D
Acq: 29 Jul 2017 9:05

Tgt Ion:278 Resp: 13801

Ion	Ratio	Lower	Upper
278	100		
139	38.3	16.6	24.8#
279	29.4	19.3	28.9#





#91
Benzo(g,h,i)perylene
Concen: 8.36 ng
RT: 16.55 min Scan# 2493
Delta R.T. -0.02 min
Lab File: BF097191.D
Acq: 29 Jul 2017 9:05

Instrument :
BNA_F
ClientSampleId :
E2-HS5-NSW

Tgt Ion:276 Resp: 49122

Ion	Ratio	Lower	Upper
276	100		
277	22.8	18.6	28.0
138	35.0	25.4	38.0