Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF072517\
Data File : BF097057.D
Acq On : 26 Jul 2017 5:11
Operator : SJ/JU
Sample : I4305-03RE 5X
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : E2-N5-BASE

Quant Time: Jul 26 05:35:35 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	6.50	152	132024	20.00	ng		0.00
21) Naphthalene-d8	7.78	136	504337	20.00	ng		0.00
38) Acenaphthene-d10	9.53	164	197777	20.00	ng		0.00
63) Phenanthrene-d10	11.00	188	287871	20.00	ng		0.00
75) Chrysene-d12	13.62	240	231556	20.00	ng		0.00
86) Perylene-d12	14.97	264	166096	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.10	112	221363	25.28	ng		0.00
7) Phenol-d6	6.16	99	265422	26.55	ng		-0.01
23) Nitrobenzene-d5	7.06	82	153605	17.87	ng		-0.01
41) 2,4,6-Tribromophenol	10.31	330	36441	23.32	ng		-0.01
44) 2-Fluorobiphenyl	8.86	172	263800	22.64	ng		-0.01
78) Terphenyl-d14	12.58	244	152340	13.41	ng		0.00
Target Compounds							Qvalue
31) Naphthalene	7.80	128	248329	10.45	ng		100
35) Caprolactam	8.23	113	6666	3.02	ng	#	1
37) 2-Methylnaphthalene	8.50	142	993515	66.00	ng		98
45) 1,1'-Biphenyl	8.96	154	50908	3.01	ng		98
51) Acenaphthene	9.56	154	27702	2.46	ng		98
57) Fluorene	10.07	166	43291	3.85	ng	#	95
59) Diethylphthalate	9.96	149	30580	2.22	ng		98
70) Phenanthrene	11.02	178	98553	6.39	ng		99
74) Fluoranthene	12.20	202	114938	7.61	ng		98
77) Pyrene	12.43	202	101628	5.36	ng		97
80) Benzo(a)anthracene	13.62	228	47154	3.15	ng		97
82) Chrysene	13.65	228	48398	3.31	ng		97
87) Benzo(b)fluoranthene	14.62	252	61262	6.14	ng	#	92
88) Benzo(k)fluoranthene	14.62	252	61262	6.44	ng		97
89) Benzo(a)pyrene	14.92	252	31053	3.40	ng	#	91
91) Benzo(g,h,i)perylene	16.56	276	17575	2.24	ng		93

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

Quantitation Report (Not Reviewed)

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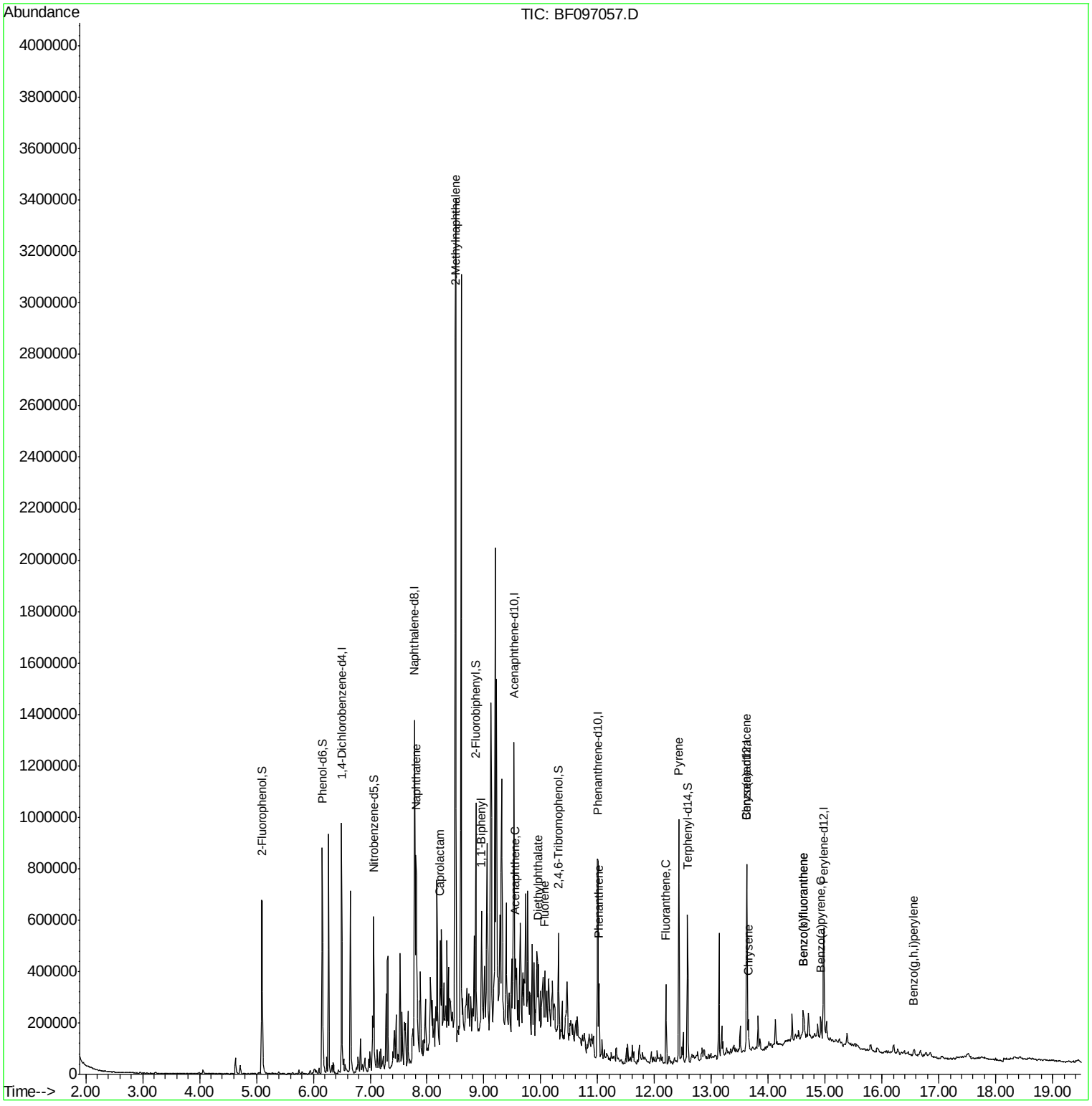
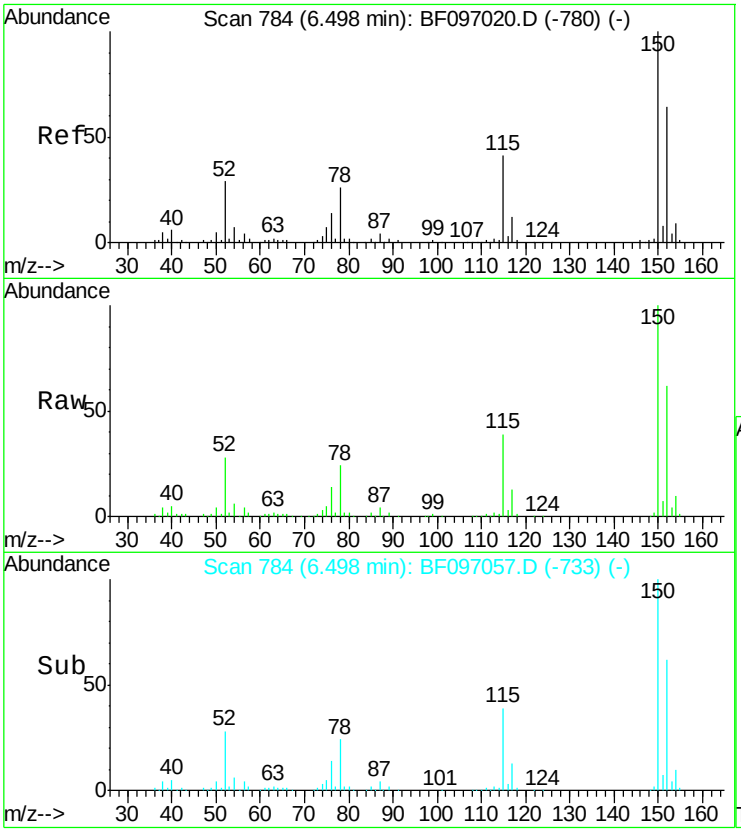


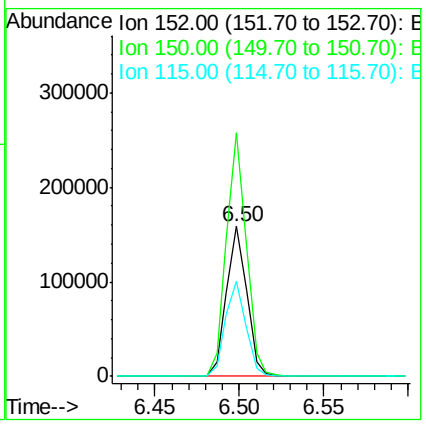


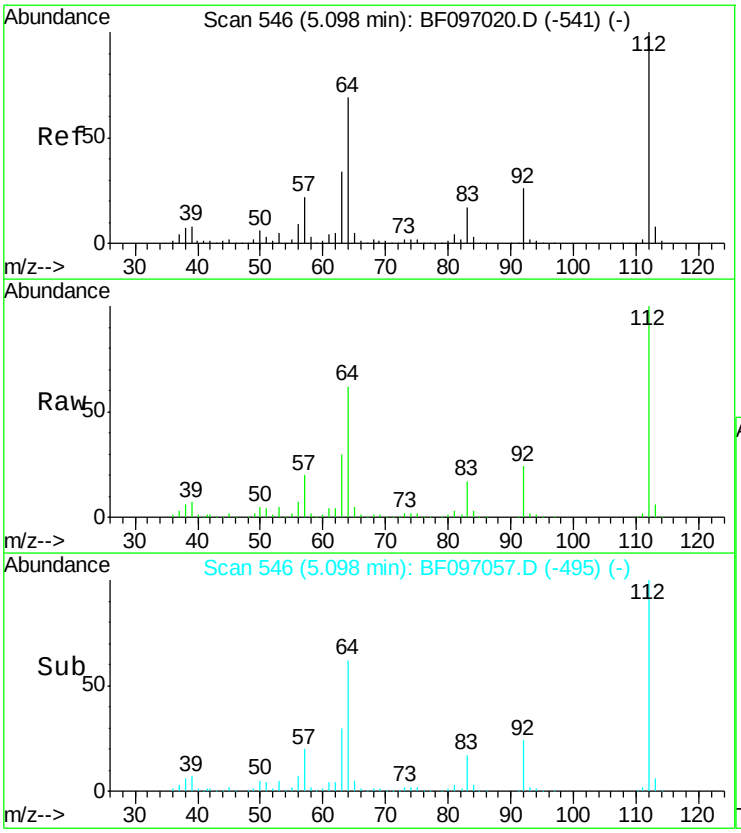
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.50 min Scan# 784
Delta R.T. -0.00 min
Lab File: BF097057.D
Acq: 26 Jul 2017 5:11

Instrument :
BNA_F
ClientSampleId :
E2-N5-BASE

Tgt Ion:152 Resp: 132024

Ion	Ratio	Lower	Upper
152	100		
150	162.2	126.2	189.2
115	63.7	52.2	78.2

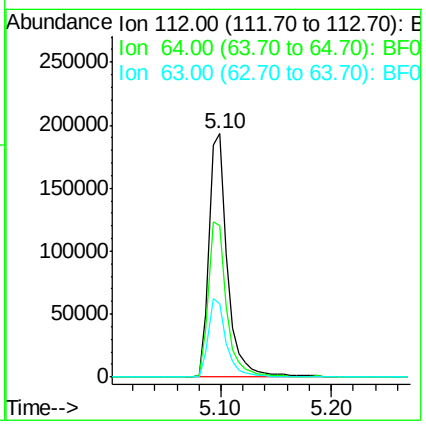


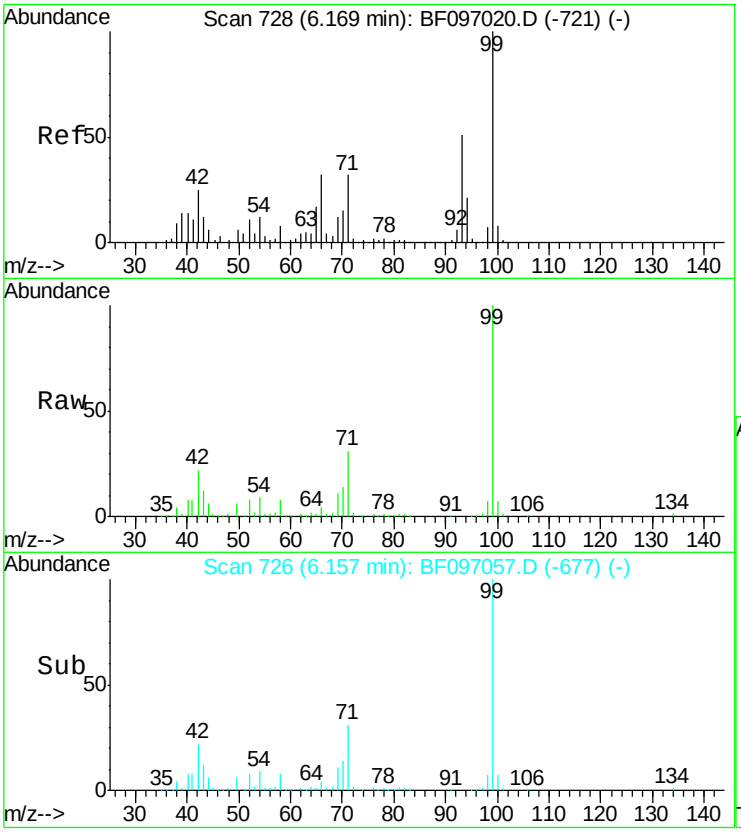


#5
2-Fluorophenol
Concen: 25.28 ng
RT: 5.10 min Scan# 546
Delta R.T. 0.00 min
Lab File: BF097057.D
Acq: 26 Jul 2017 5:11

Tgt Ion:112 Resp: 221363

Ion	Ratio	Lower	Upper
112	100		
64	62.4	46.0	69.0
63	30.2	23.4	35.0



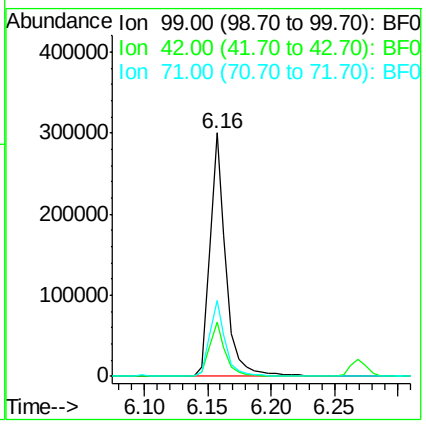


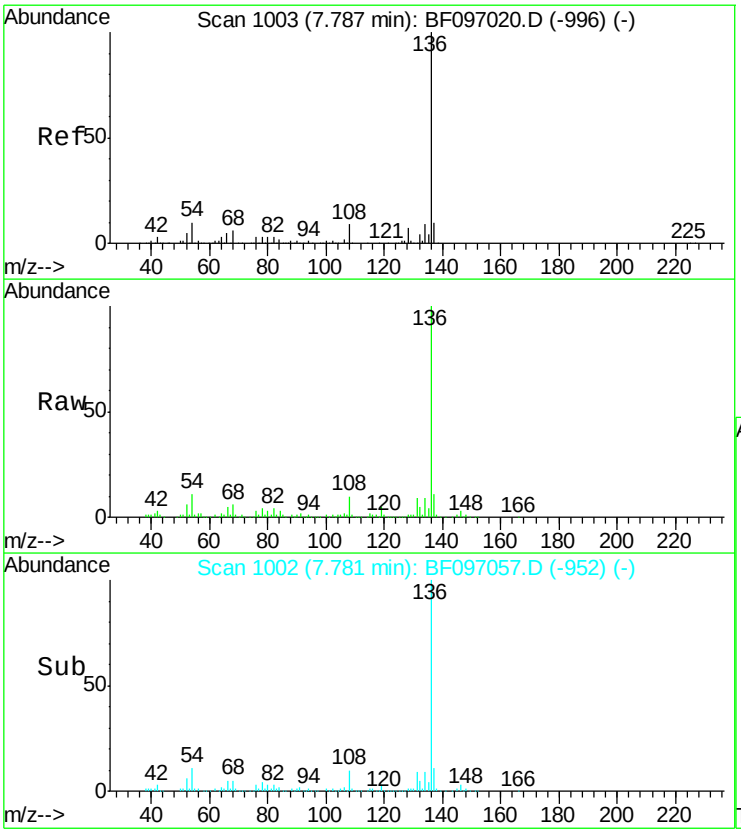
#7
Phenol-d6
Concen: 26.55 ng
RT: 6.16 min Scan# 726
Delta R.T. -0.01 min
Lab File: BF097057.D
Acq: 26 Jul 2017 5:11

Instrument :
BNA_F
ClientSampleId :
E2-N5-BASE

Tgt Ion: 99 Resp: 265422

Ion	Ratio	Lower	Upper
99	100		
42	22.5	13.5	20.3#
71	31.1	24.5	36.7

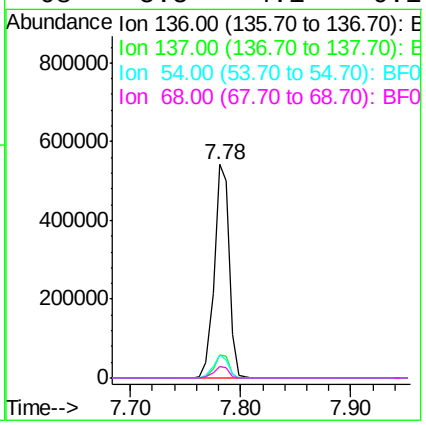


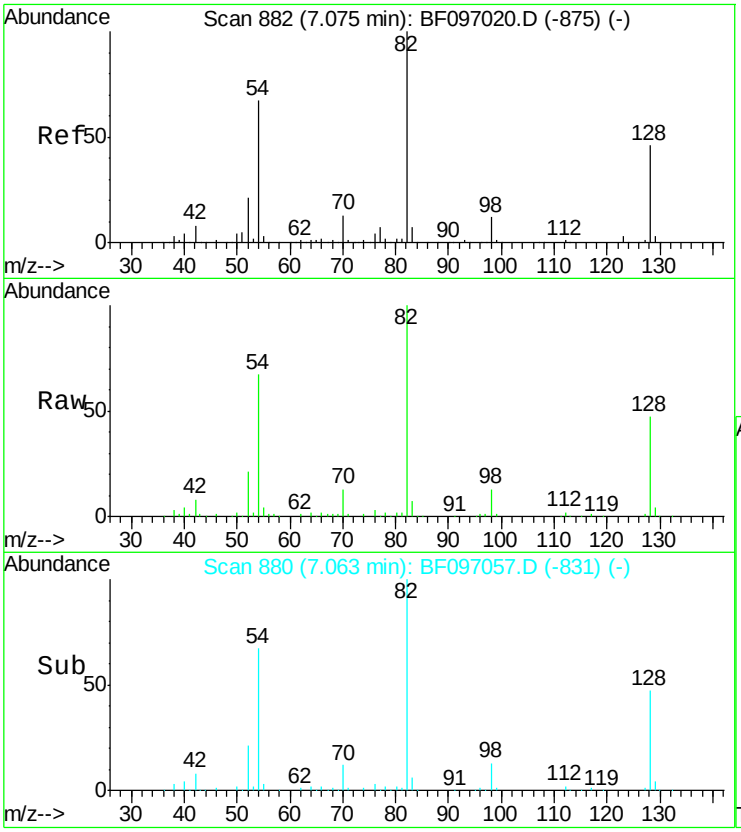


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.78 min Scan# 1002
Delta R.T. -0.01 min
Lab File: BF097057.D
Acq: 26 Jul 2017 5:11

Tgt Ion:136 Resp: 504337

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.5	12.7
54	10.8	4.9	7.3#
68	5.5	4.1	6.1



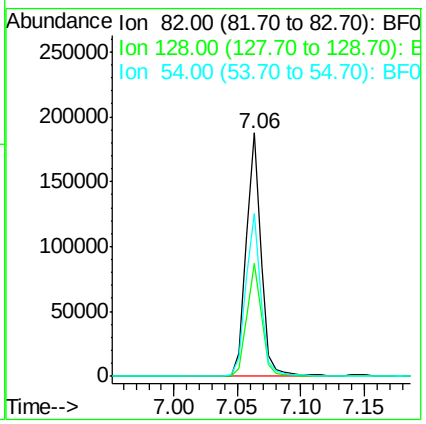


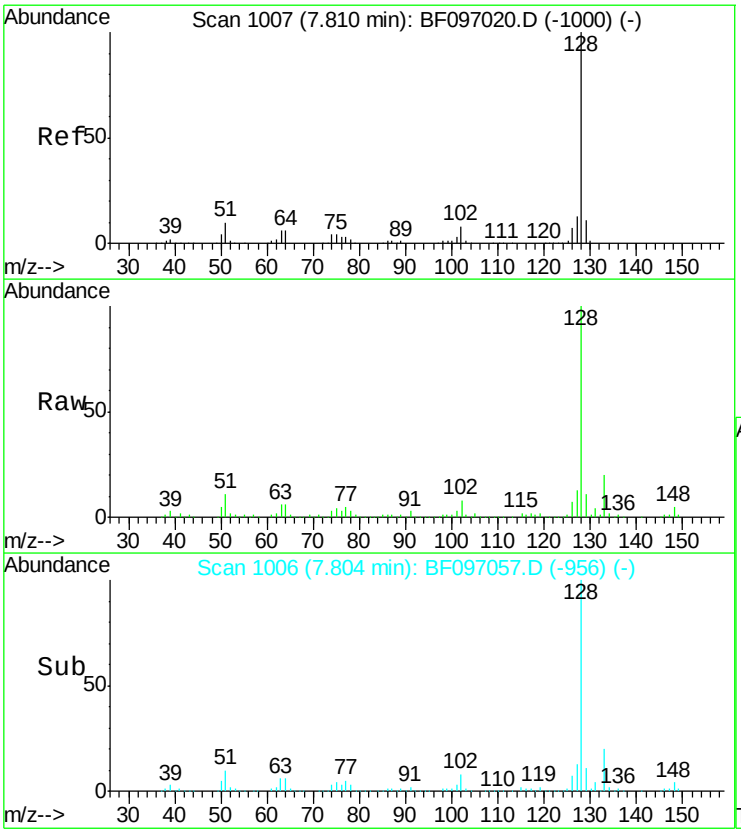
#23
Nitrobenzene-d5
Concen: 17.87 ng
RT: 7.06 min Scan# 880
Delta R.T. -0.01 min
Lab File: BF097057.D
Acq: 26 Jul 2017 5:11

Instrument :
BNA_F
ClientSampleId :
E2-N5-BASE

Tgt Ion: 82 Resp: 153605

Ion	Ratio	Lower	Upper
82	100		
128	46.6	34.0	51.0
54	67.0	42.2	63.2#

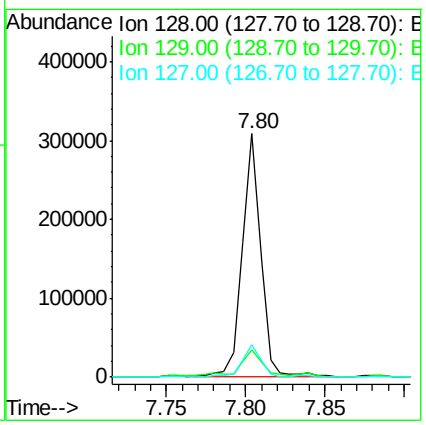


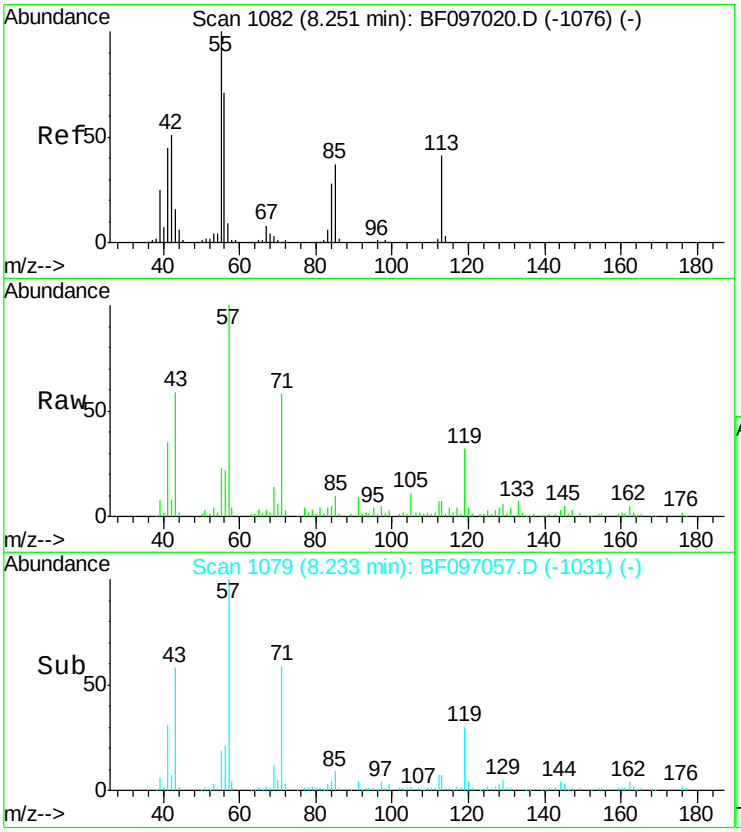


#31
Naphthalene
Concen: 10.45 ng
RT: 7.80 min Scan# 1006
Delta R.T. -0.01 min
Lab File: BF097057.D
Acq: 26 Jul 2017 5:11

Tgt Ion:128 Resp: 248329

Ion	Ratio	Lower	Upper
128	100		
129	11.5	9.0	13.6
127	13.5	10.8	16.2



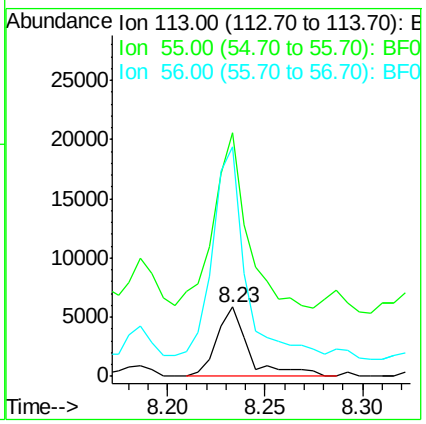


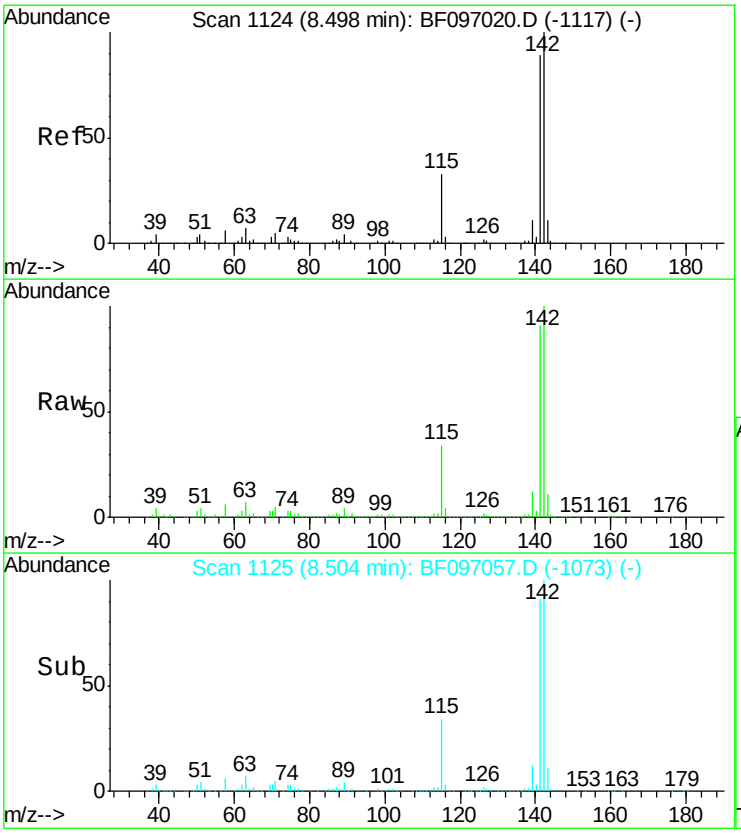
#35
Caprolactam
Concen: 3.02 ng
RT: 8.23 min Scan# 1079
Delta R.T. -0.02 min
Lab File: BF097057.D
Acq: 26 Jul 2017 5:11

Instrument :
BNA_F
ClientSampleId :
E2-N5-BASE

Tgt Ion:113 Resp: 6666

Ion	Ratio	Lower	Upper
113	100		
55	351.0	150.2	190.2#
56	330.5	107.8	147.8#

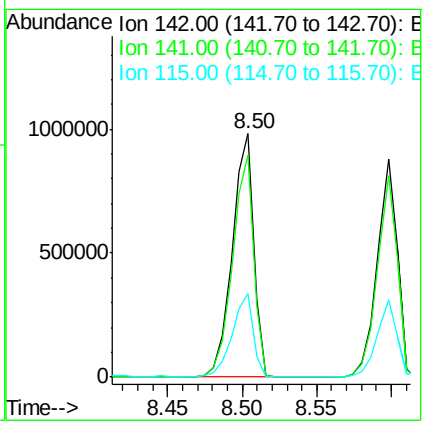


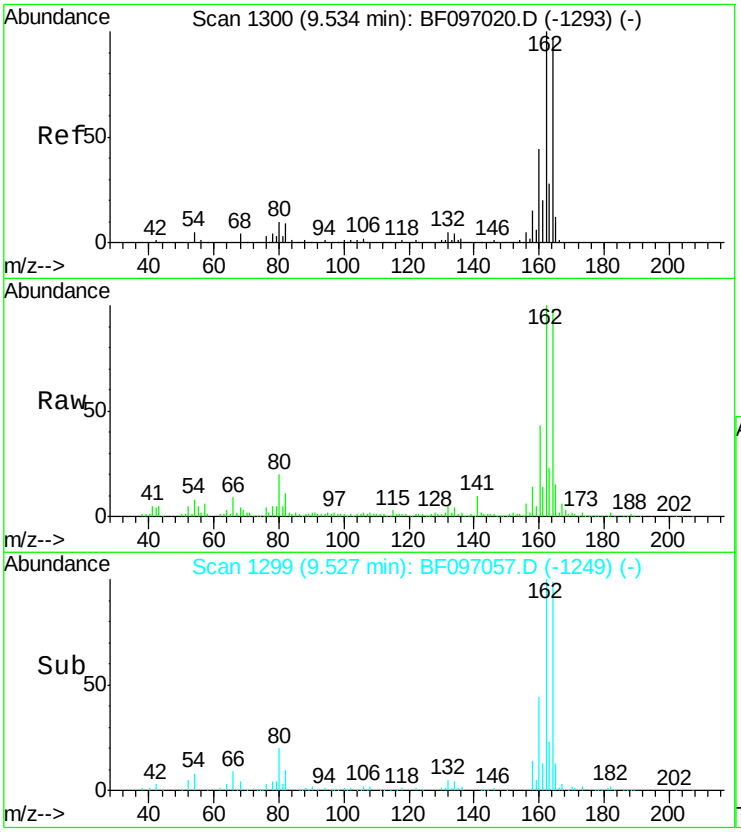


#37
2-Methylnaphthalene
Concen: 66.00 ng
RT: 8.50 min Scan# 1125
Delta R.T. 0.01 min
Lab File: BF097057.D
Acq: 26 Jul 2017 5:11

Tgt Ion:142 Resp: 993515

Ion	Ratio	Lower	Upper
142	100		
141	91.0	71.3	106.9
115	34.1	27.1	40.7



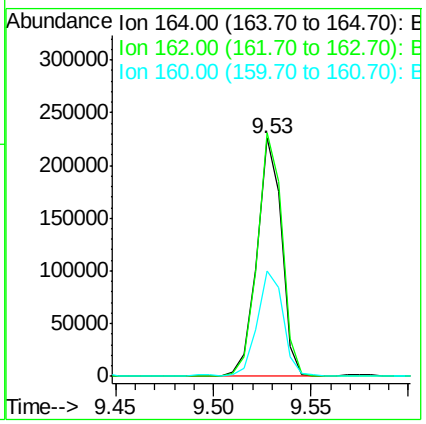


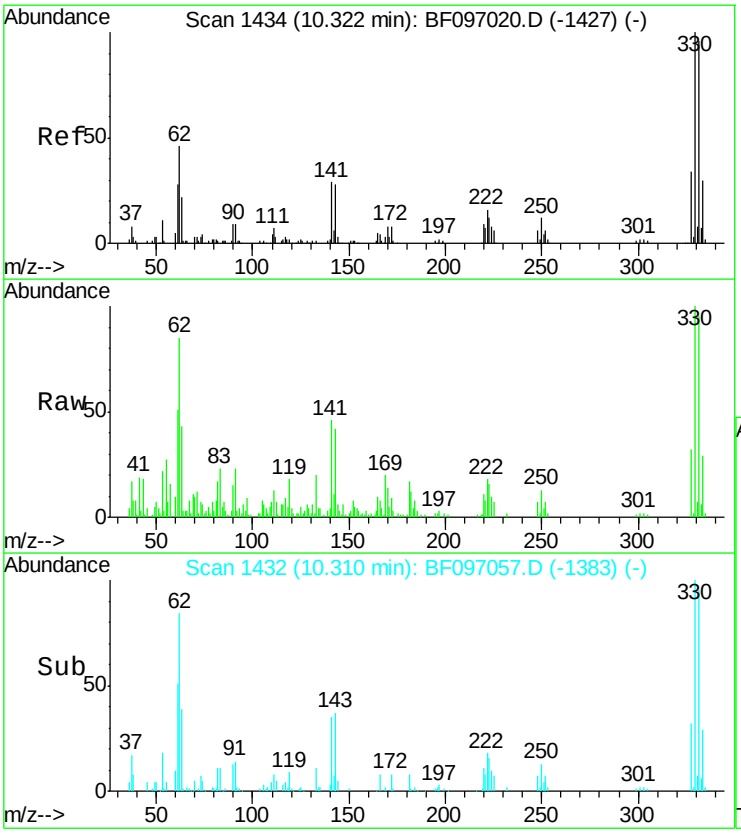
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.53 min Scan# 1299
Delta R.T. -0.01 min
Lab File: BF097057.D
Acq: 26 Jul 2017 5:11

Instrument :
BNA_F
ClientSampleId :
E2-N5-BASE

Tgt Ion:164 Resp: 197777

Ion	Ratio	Lower	Upper
164	100		
162	102.2	82.6	123.8
160	44.2	36.2	54.2

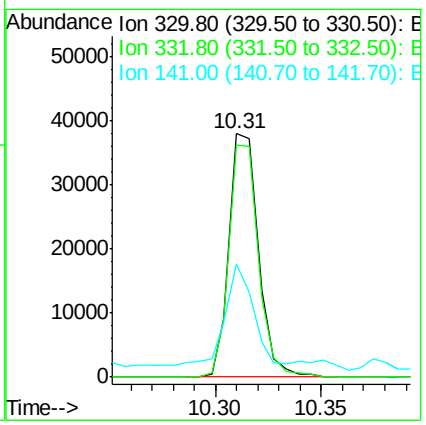


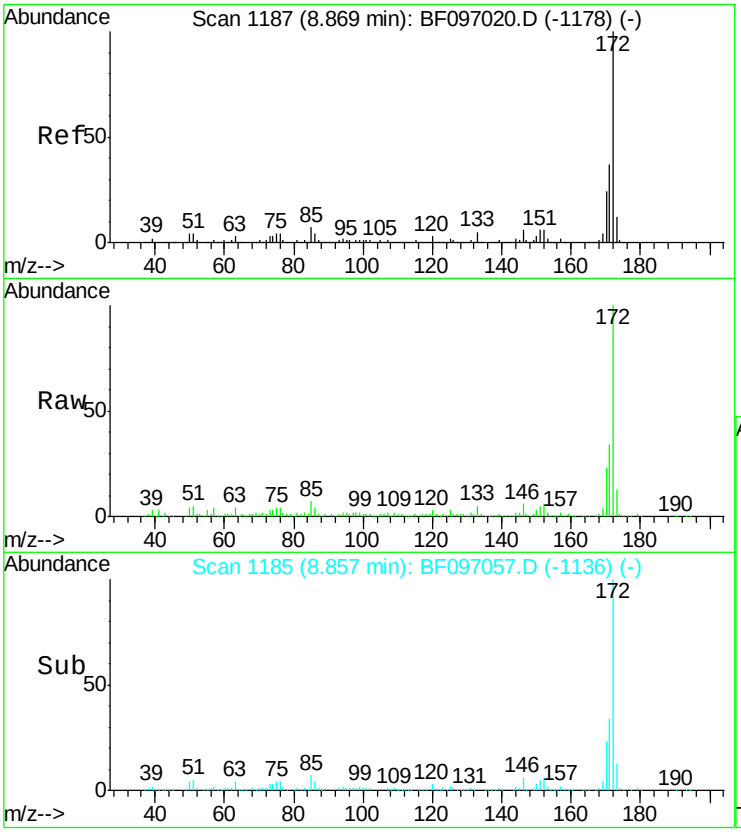


#41
2,4,6-Tribromophenol
Concen: 23.32 ng
RT: 10.31 min Scan# 1432
Delta R.T. -0.01 min
Lab File: BF097057.D
Acq: 26 Jul 2017 5:11

Tgt Ion:330 Resp: 36441

Ion	Ratio	Lower	Upper
330	100		
332	95.8	76.6	115.0
141	38.0	31.4	47.2



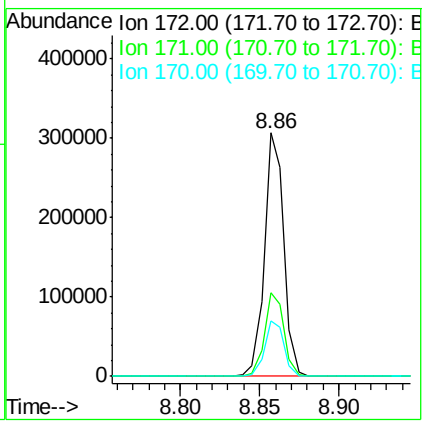


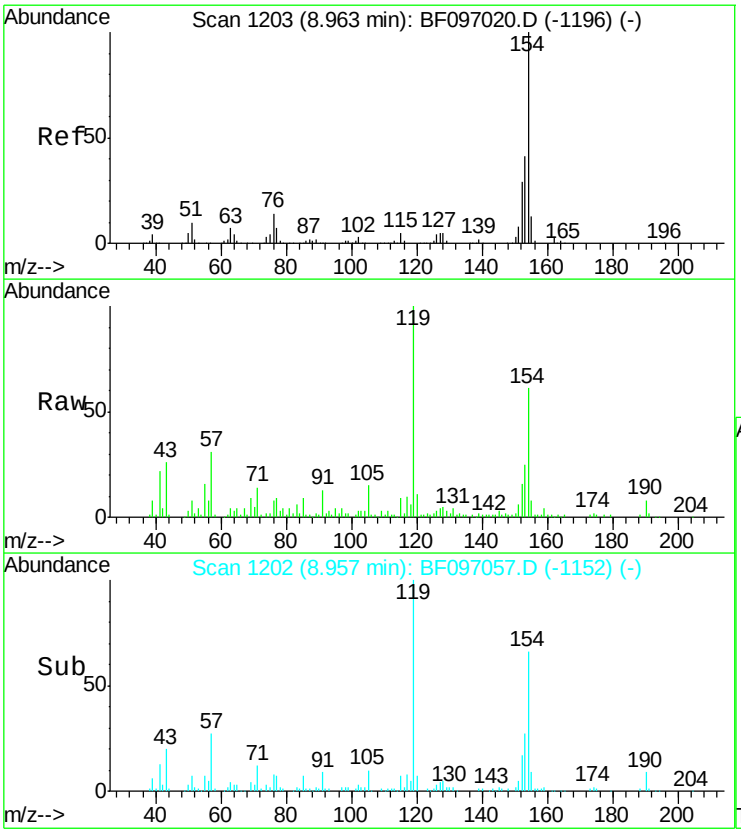
#44
2-Fluorobiphenyl
Concen: 22.64 ng
RT: 8.86 min Scan# 1185
Delta R.T. -0.01 min
Lab File: BF097057.D
Acq: 26 Jul 2017 5:11

Instrument :
BNA_F
ClientSampleId :
E2-N5-BASE

Tgt Ion:172 Resp: 263800

Ion	Ratio	Lower	Upper
172	100		
171	34.4	29.6	44.4
170	23.0	19.8	29.8

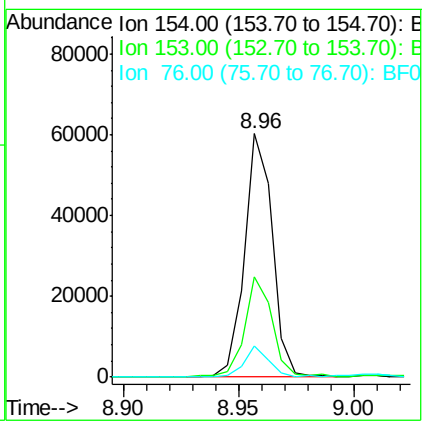


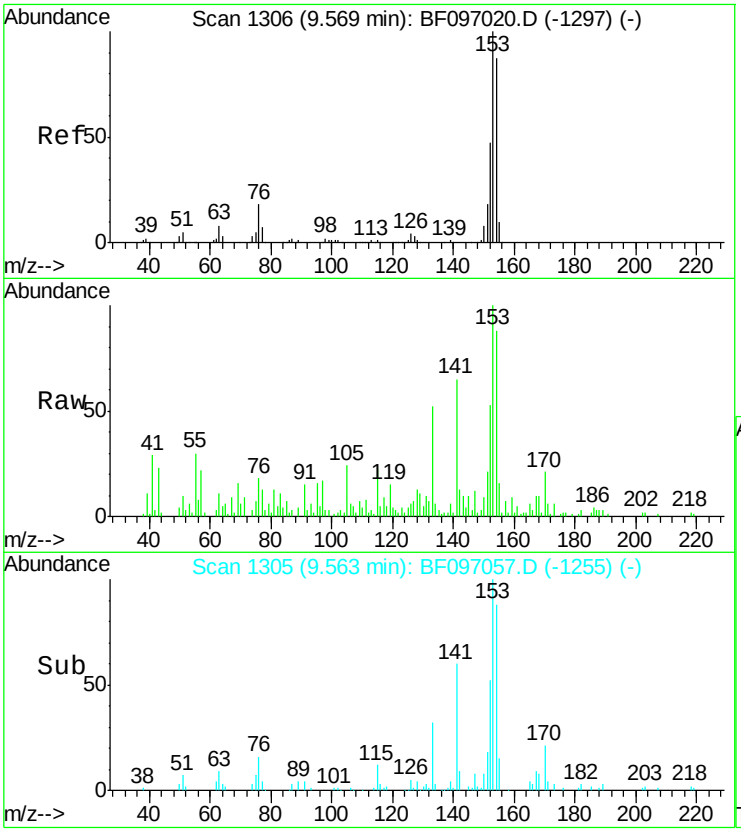


#45
1,1'-Biphenyl
Concen: 3.01 ng
RT: 8.96 min Scan# 1202
Delta R.T. -0.01 min
Lab File: BF097057.D
Acq: 26 Jul 2017 5:11

Tgt Ion:154 Resp: 50908

Ion	Ratio	Lower	Upper
154	100		
153	41.2	21.2	61.2
76	12.9	0.0	29.9



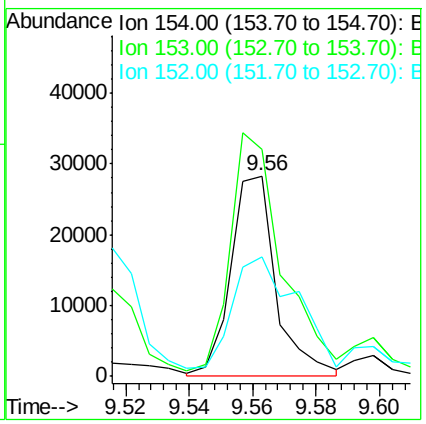


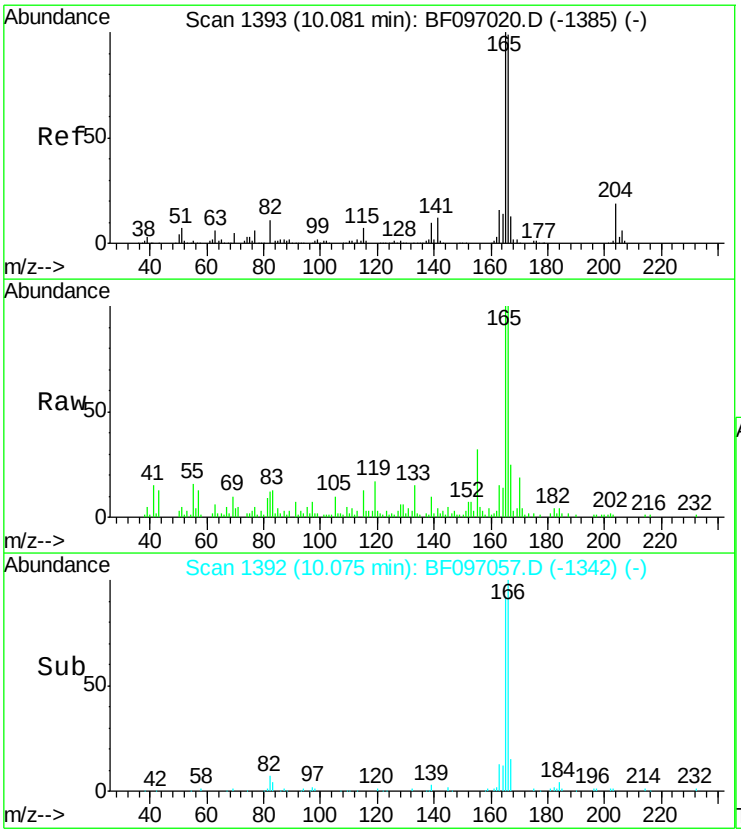
#51
Acenaphthene
Concen: 2.46 ng
RT: 9.56 min Scan# 1305
Delta R.T. -0.01 min
Lab File: BF097057.D
Acq: 26 Jul 2017 5:11

Instrument :
BNA_F
ClientSampleId :
E2-N5-BASE

Tgt Ion:154 Resp: 27702

Ion	Ratio	Lower	Upper
154	100		
153	113.2	90.5	135.7
152	59.5	43.6	65.4

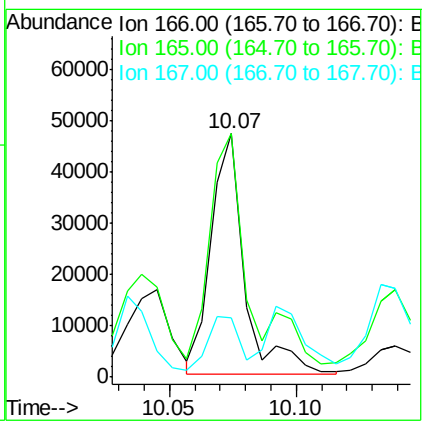


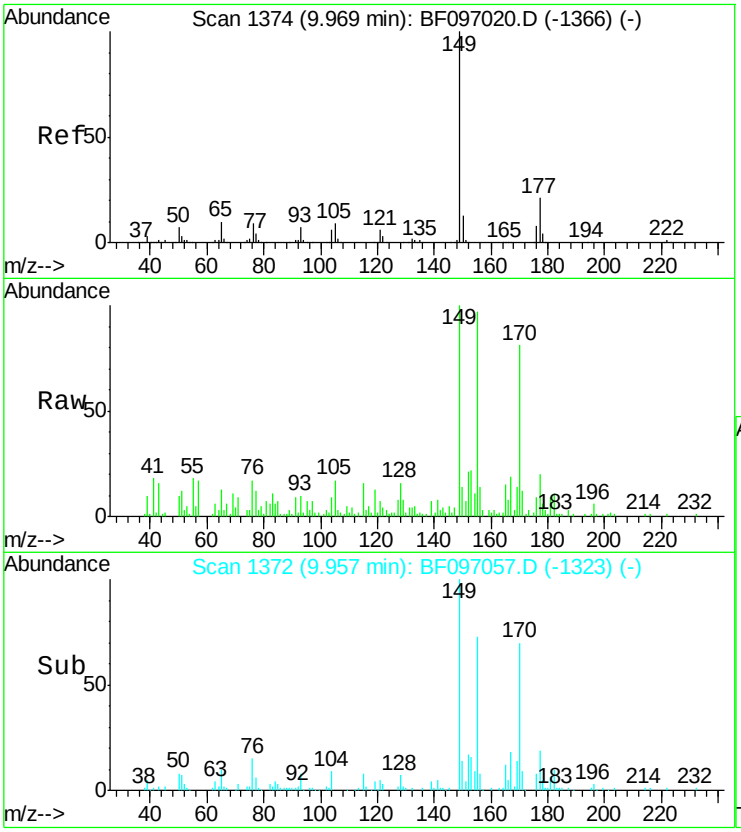


#57
Fluorene
Concen: 3.85 ng
RT: 10.07 min Scan# 1392
Delta R.T. -0.01 min
Lab File: BF097057.D
Acq: 26 Jul 2017 5:11

Tgt Ion:166 Resp: 43291

Ion	Ratio	Lower	Upper
166	100		
165	100.1	78.8	118.2
167	24.6	10.6	16.0#



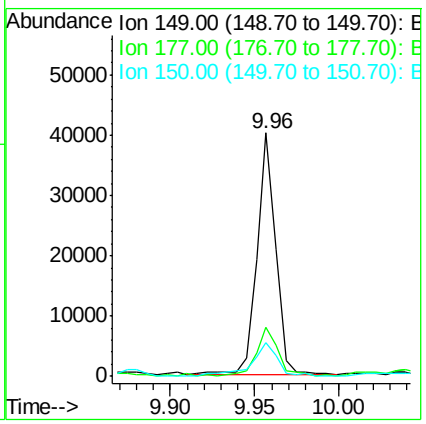


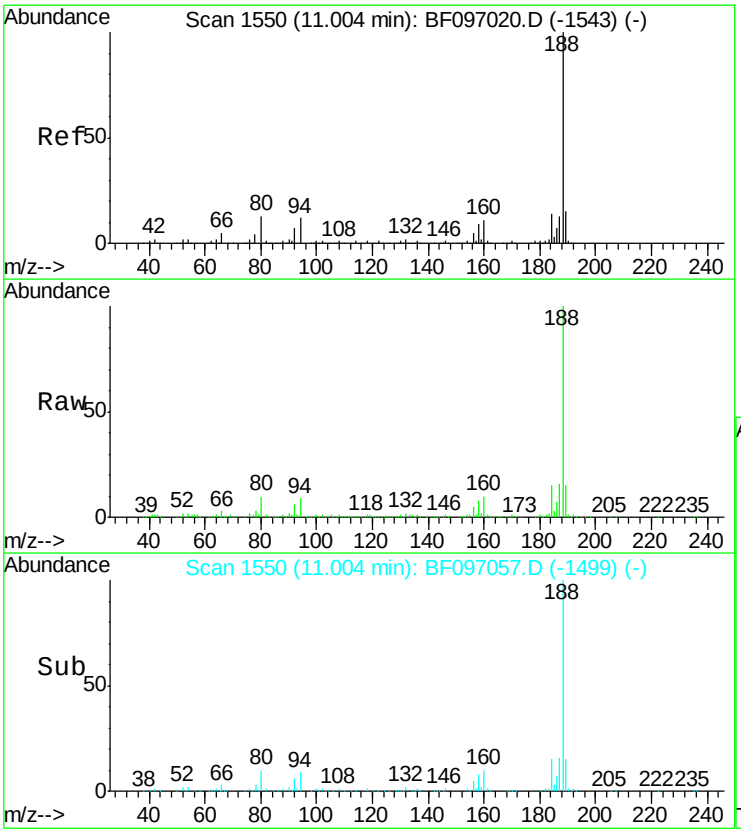
#59
Diethylphthalate
Concen: 2.22 ng
RT: 9.96 min Scan# 1372
Delta R.T. -0.01 min
Lab File: BF097057.D
Acq: 26 Jul 2017 5:11

Instrument :
BNA_F
ClientSampleId :
E2-N5-BASE

Tgt Ion:149 Resp: 30580

Ion	Ratio	Lower	Upper
149	100		
177	20.3	16.7	25.1
150	13.8	10.2	15.2

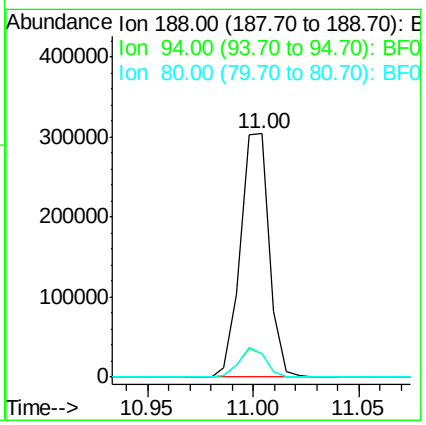


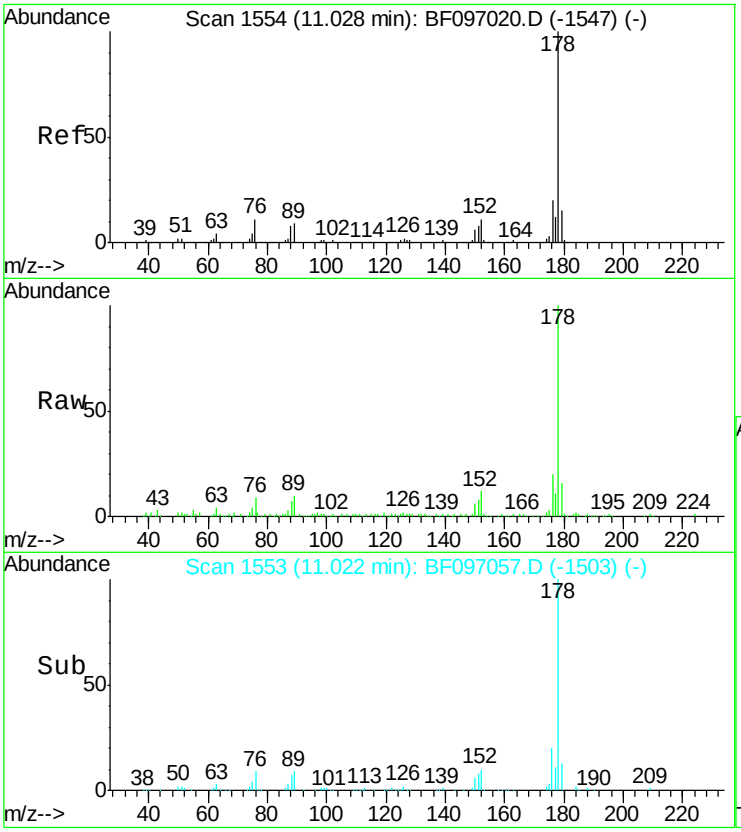


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.00 min Scan# 1550
Delta R.T. -0.00 min
Lab File: BF097057.D
Acq: 26 Jul 2017 5:11

Tgt Ion:188 Resp: 287871

Ion	Ratio	Lower	Upper
188	100		
94	9.4	9.4	14.2#
80	9.6	10.2	15.2#



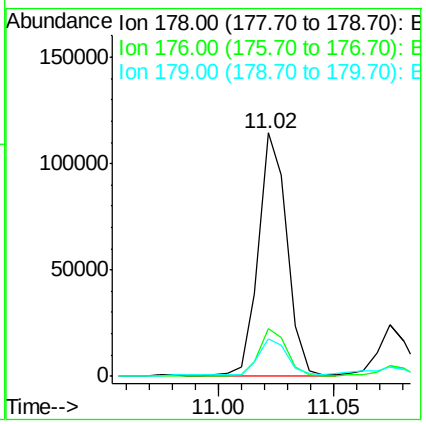


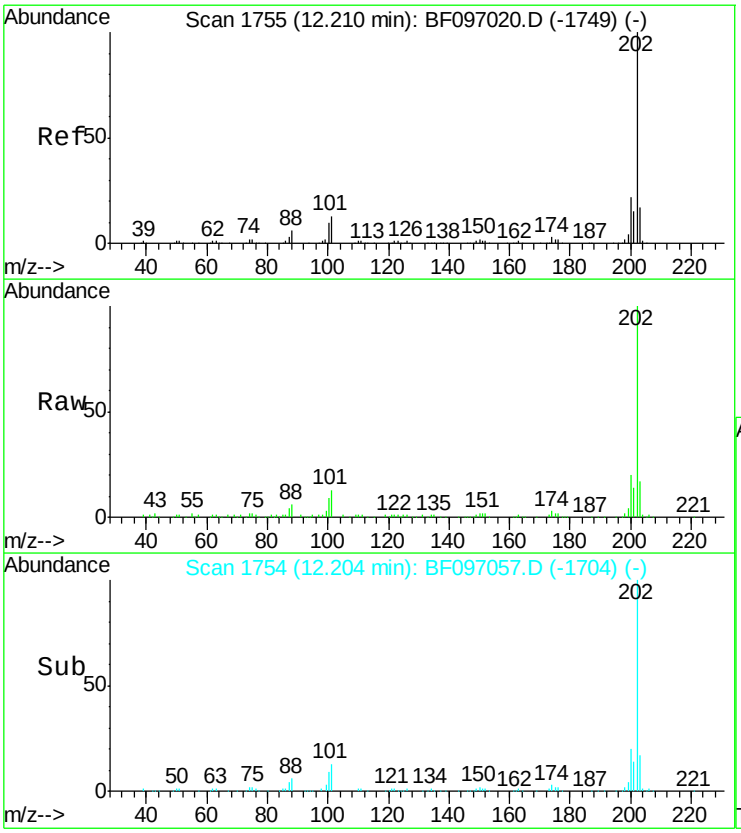
#70
Phenanthrene
Concen: 6.39 ng
RT: 11.02 min Scan# 1553
Delta R.T. -0.01 min
Lab File: BF097057.D
Acq: 26 Jul 2017 5:11

Instrument :
BNA_F
ClientSampleId :
E2-N5-BASE

Tgt Ion:178 Resp: 98553

Ion	Ratio	Lower	Upper
178	100		
176	19.7	16.2	24.4
179	15.7	12.6	19.0

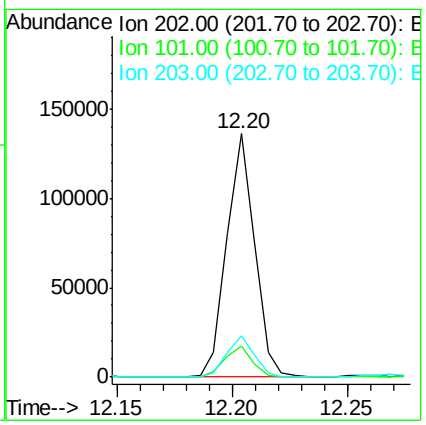


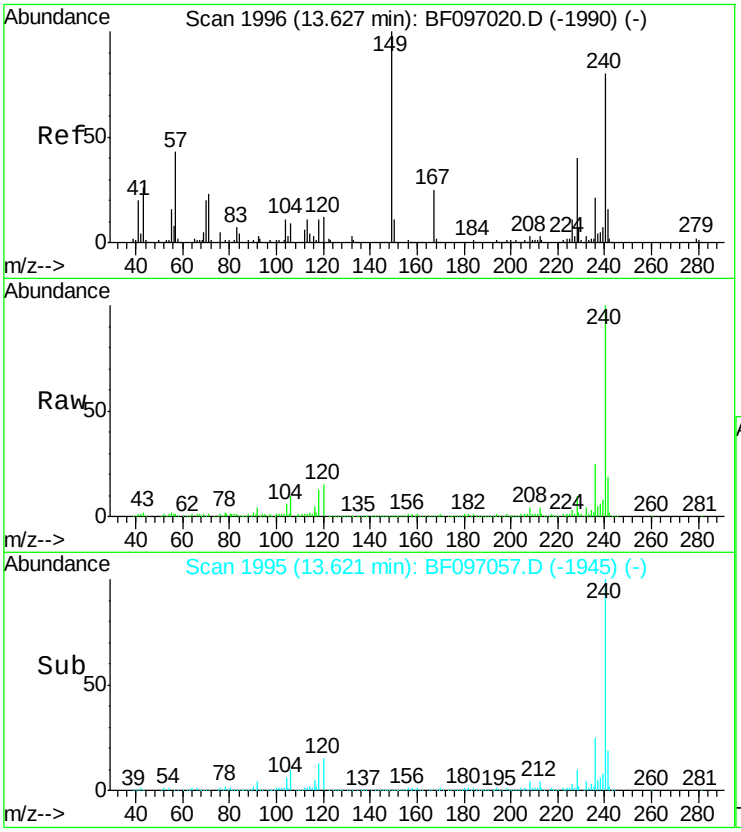


#74
Fluoranthene
Concen: 7.61 ng
RT: 12.20 min Scan# 1754
Delta R.T. -0.01 min
Lab File: BF097057.D
Acq: 26 Jul 2017 5:11

Tgt Ion:202 Resp: 114938

Ion	Ratio	Lower	Upper
202	100		
101	12.8	0.0	33.2
203	17.2	0.0	38.1



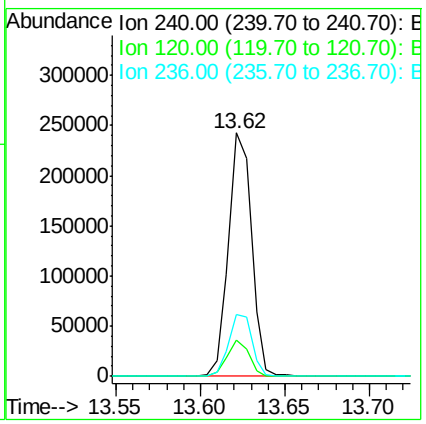


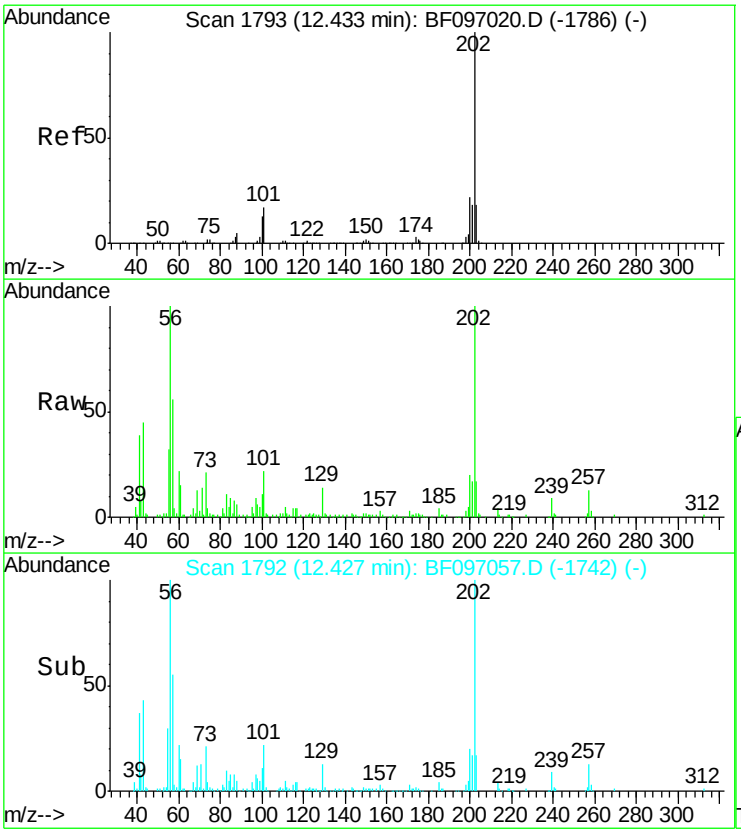
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.62 min Scan# 1995
Delta R.T. -0.01 min
Lab File: BF097057.D
Acq: 26 Jul 2017 5:11

Instrument :
BNA_F
ClientSampleId :
E2-N5-BASE

Tgt Ion:240 Resp: 231556

Ion	Ratio	Lower	Upper
240	100		
120	15.1	5.8	8.8#
236	25.5	20.5	30.7

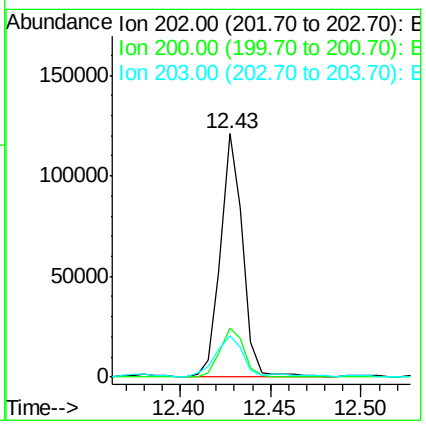


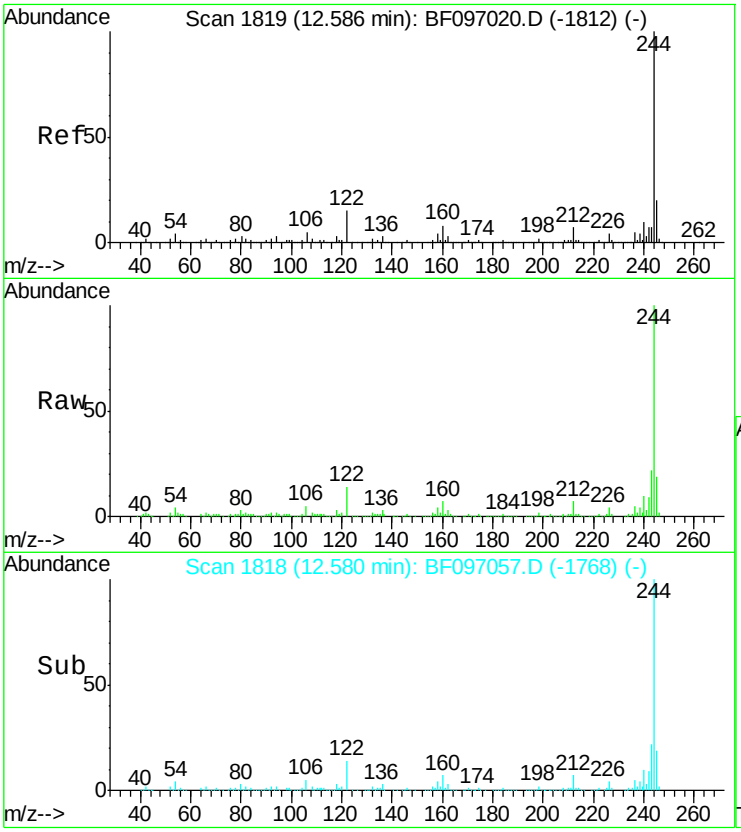


#77
Pyrene
Concen: 5.36 ng
RT: 12.43 min Scan# 1792
Delta R.T. -0.01 min
Lab File: BF097057.D
Acq: 26 Jul 2017 5:11

Tgt Ion:202 Resp: 101628

Ion	Ratio	Lower	Upper
202	100		
200	20.2	17.6	26.4
203	17.2	14.4	21.6



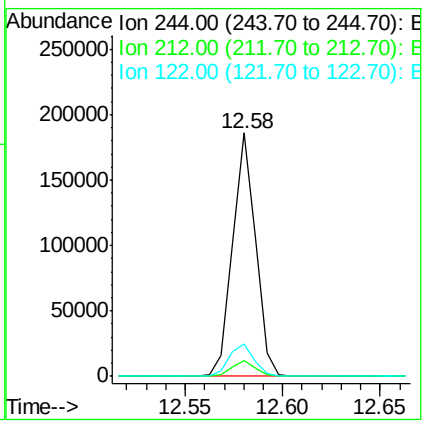


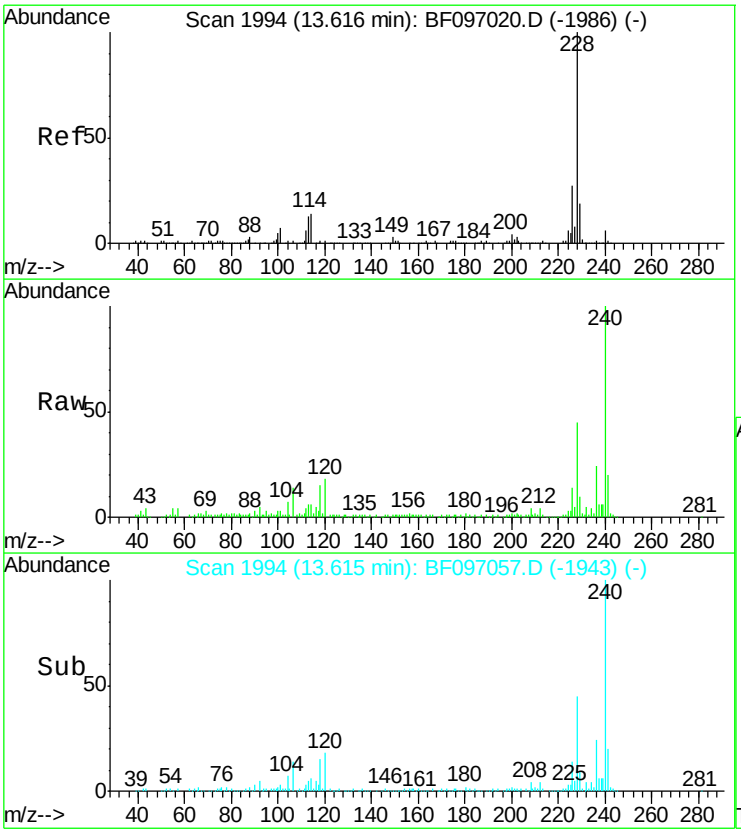
#78
Terphenyl-d14
Concen: 13.41 ng
RT: 12.58 min Scan# 1818
Delta R.T. -0.01 min
Lab File: BF097057.D
Acq: 26 Jul 2017 5:11

Instrument :
BNA_F
ClientSampleId :
E2-N5-BASE

Tgt Ion:244 Resp: 152340

Ion	Ratio	Lower	Upper
244	100		
212	6.6	6.0	9.0
122	13.5	10.3	15.5

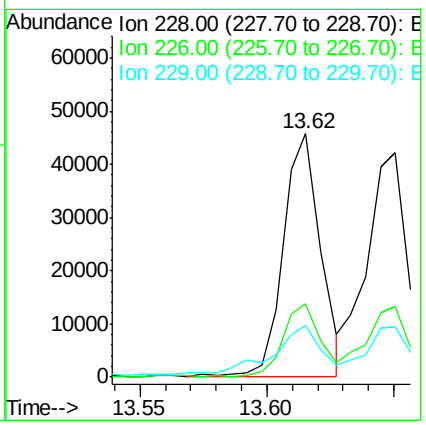


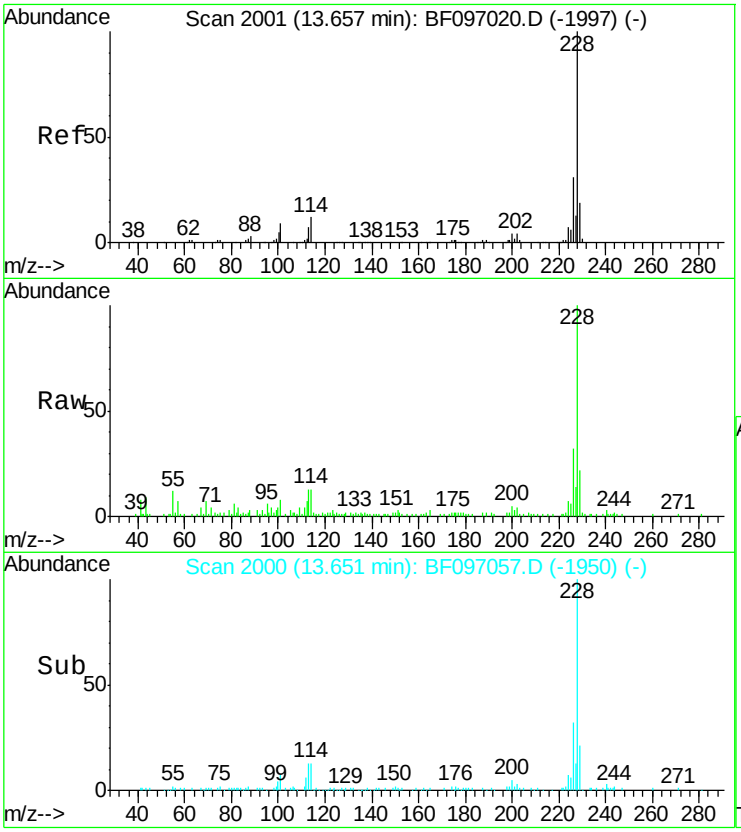


#80
Benzo(a)anthracene
Concen: 3.15 ng
RT: 13.62 min Scan# 1994
Delta R.T. -0.00 min
Lab File: BF097057.D
Acq: 26 Jul 2017 5:11

Tgt Ion:228 Resp: 47154

Ion	Ratio	Lower	Upper
228	100		
226	30.0	22.6	33.8
229	21.4	16.3	24.5



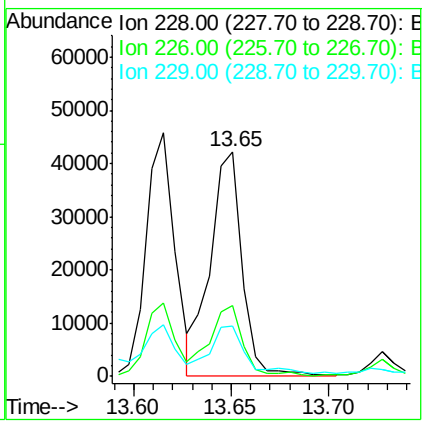


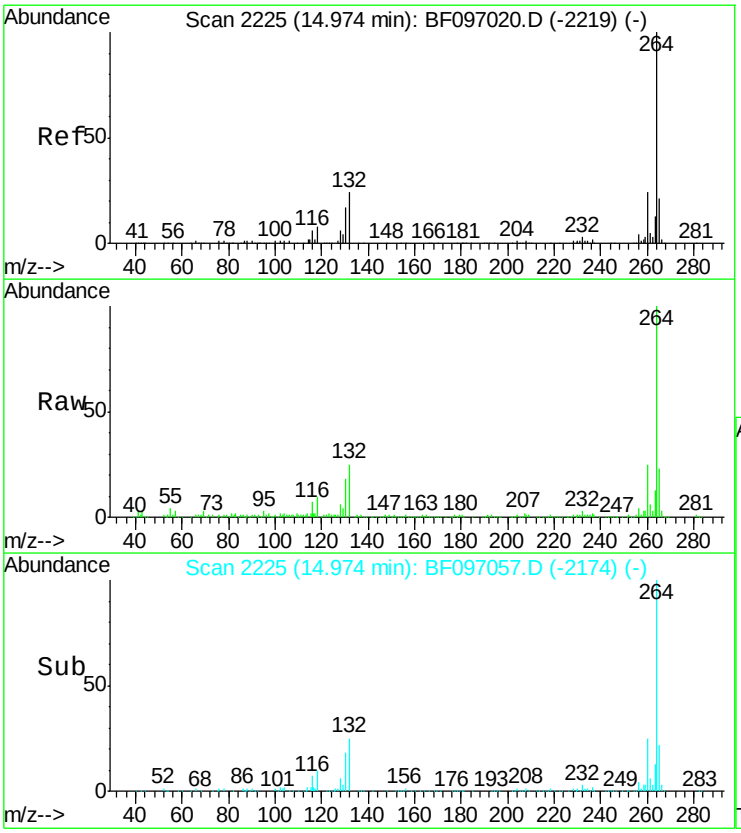
#82
Chrysene
Concen: 3.31 ng
RT: 13.65 min Scan# 2000
Delta R.T. -0.01 min
Lab File: BF097057.D
Acq: 26 Jul 2017 5:11

Instrument :
BNA_F
ClientSampleId :
E2-N5-BASE

Tgt Ion:228 Resp: 48398

Ion	Ratio	Lower	Upper
228	100		
226	31.6	24.9	37.3
229	22.5	15.8	23.6

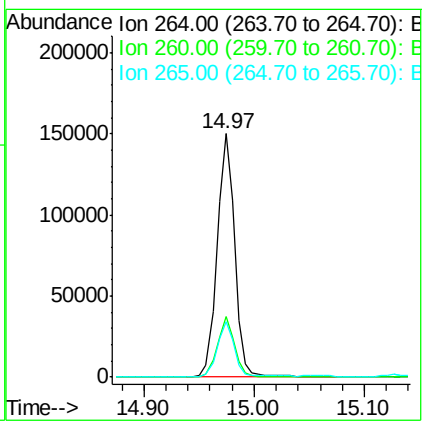


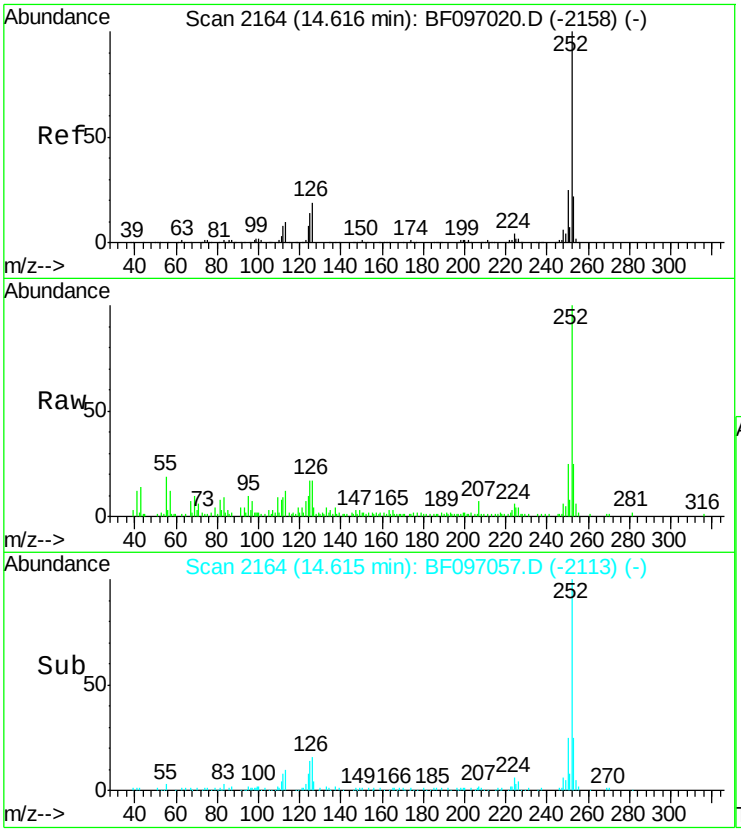


#86
Perylene-d12
Concen: 20.00 ng
RT: 14.97 min Scan# 2225
Delta R.T. -0.00 min
Lab File: BF097057.D
Acq: 26 Jul 2017 5:11

Tgt Ion:264 Resp: 166096

Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.5	29.3
265	22.7	17.2	25.8



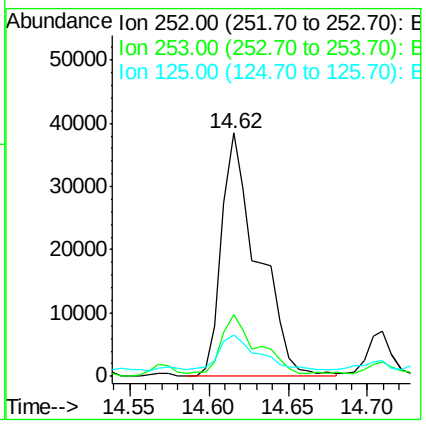


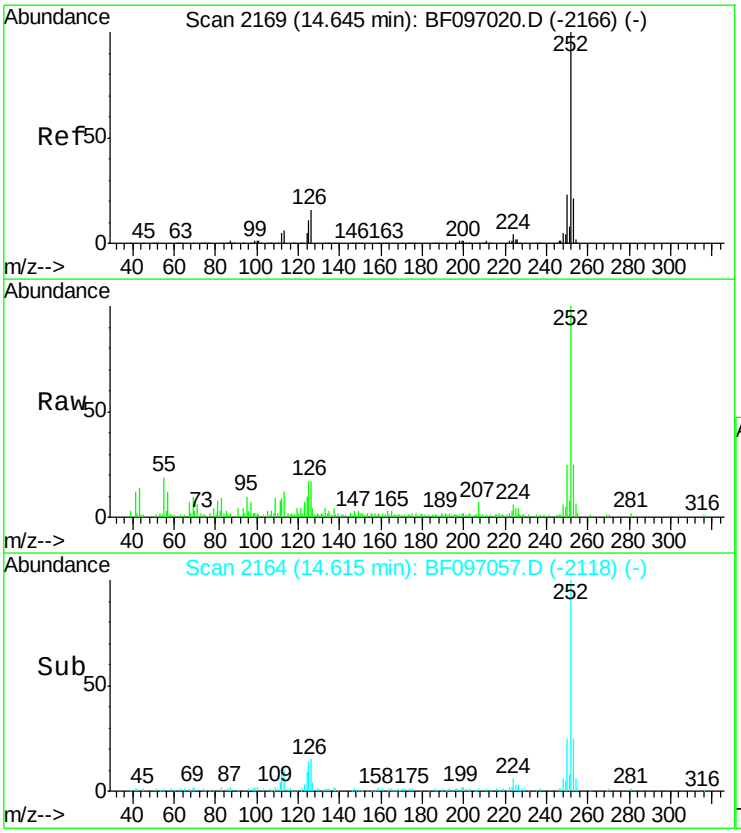
#87
Benzo(b)fluoranthene
Concen: 6.14 ng
RT: 14.62 min Scan# 2164
Delta R.T. -0.00 min
Lab File: BF097057.D
Acq: 26 Jul 2017 5:11

Instrument :
BNA_F
ClientSampleId :
E2-N5-BASE

Tgt Ion:252 Resp: 61262

Ion	Ratio	Lower	Upper
252	100		
253	25.3	18.1	27.1
125	17.0	9.8	14.8#

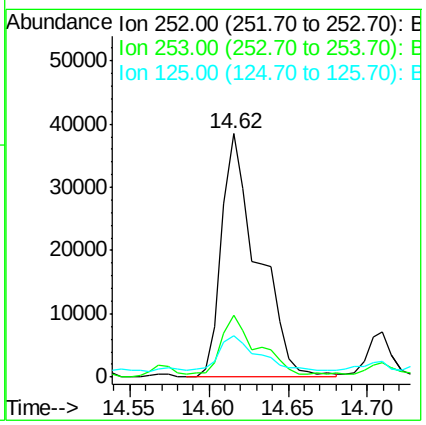


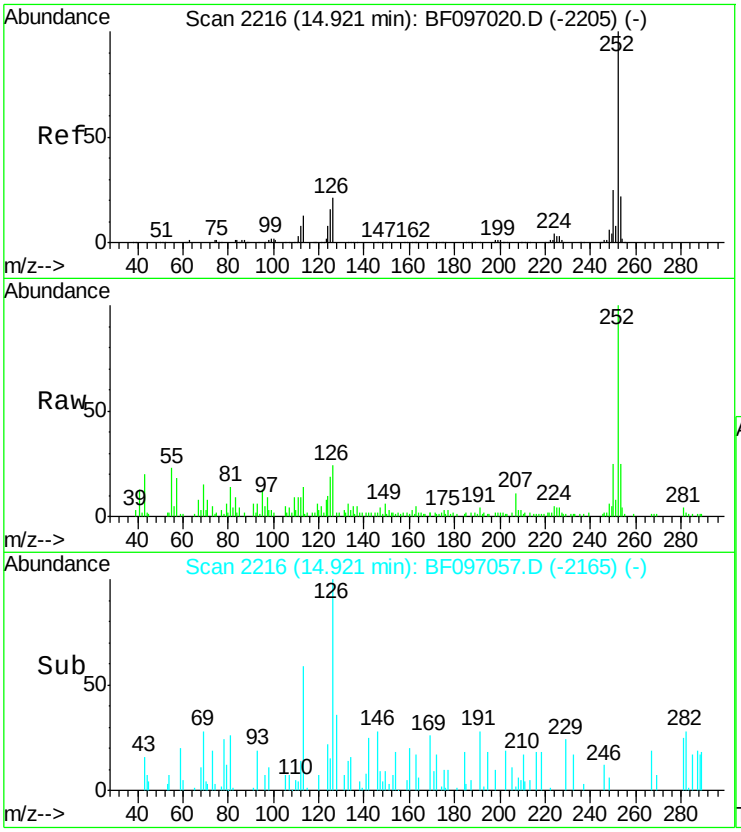


#88
Benzo(k)fluoranthene
Concen: 6.44 ng
RT: 14.62 min Scan# 2164
Delta R.T. -0.03 min
Lab File: BF097057.D
Acq: 26 Jul 2017 5:11

Tgt Ion:252 Resp: 61262

Ion	Ratio	Lower	Upper
252	100		
253	25.3	18.4	27.6
125	17.0	13.1	19.7



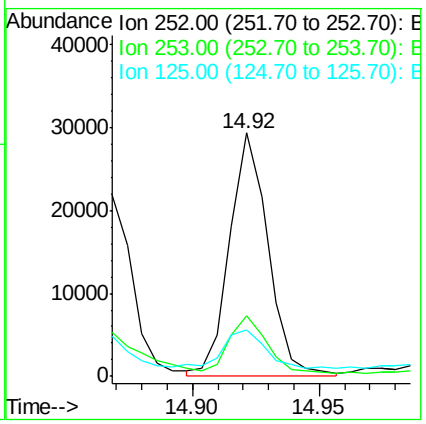


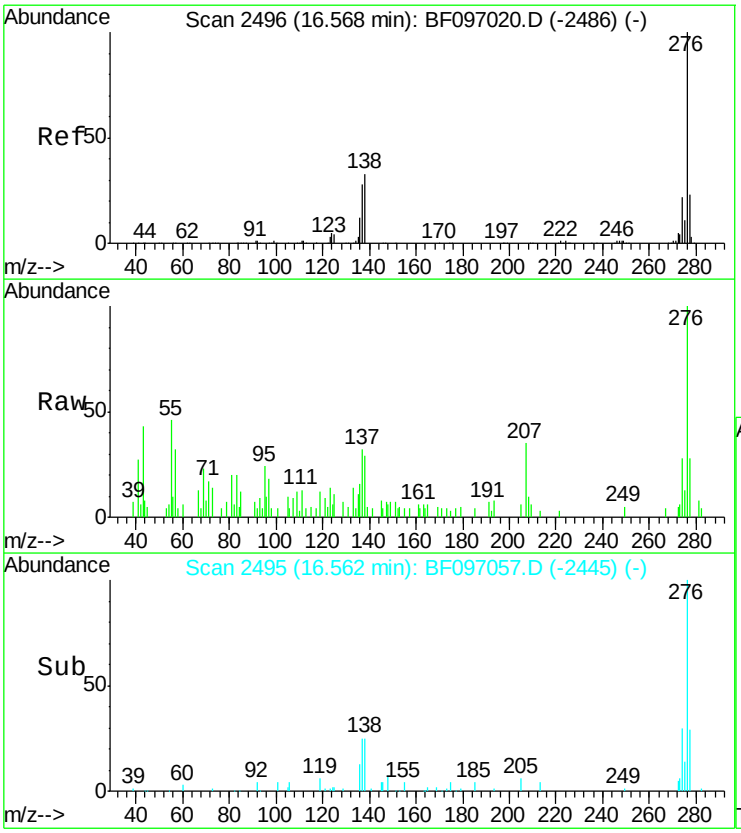
#89
Benzo(a)pyrene
Concen: 3.40 ng
RT: 14.92 min Scan# 2216
Delta R.T. -0.00 min
Lab File: BF097057.D
Acq: 26 Jul 2017 5:11

Instrument :
BNA_F
ClientSampleId :
E2-N5-BASE

Tgt Ion:252 Resp: 31053

Ion	Ratio	Lower	Upper
252	100		
253	24.8	17.5	26.3
125	18.8	11.0	16.4#





#91
Benzo(g,h,i)perylene
Concen: 2.24 ng
RT: 16.56 min Scan# 2495
Delta R.T. -0.01 min
Lab File: BF097057.D
Acq: 26 Jul 2017 5:11

Tgt Ion:276 Resp: 17575

Ion	Ratio	Lower	Upper
276	100		
277	27.7	18.6	28.0
138	29.1	25.4	38.0