Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF072817\
Data File : BF097189.D
Acq On : 29 Jul 2017 8:10
Operator : SJ/JU
Sample : I4421-08
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : E2-HS5-ESW

Quant Time: Jul 31 00:59:00 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	113378	20.00	ng		-0.01
21) Naphthalene-d8	7.77	136	408129	20.00	ng		-0.02
38) Acenaphthene-d10	9.52	164	145962	20.00	ng		-0.02
63) Phenanthrene-d10	10.99	188	218172	20.00	ng		-0.02
75) Chrysene-d12	13.62	240	192900	20.00	ng		-0.01
86) Perylene-d12	14.96	264	139475	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.09	112	830582	110.44	ng		0.00
7) Phenol-d6	6.15	99	994863	115.87	ng		-0.02
23) Nitrobenzene-d5	7.06	82	608287	87.43	ng		-0.02
41) 2,4,6-Tribromophenol	10.30	330	125743	109.03	ng		-0.02
44) 2-Fluorobiphenyl	8.85	172	687657	79.95	ng		-0.02
78) Terphenyl-d14	12.57	244	431884	45.65	ng		-0.02
Target Compounds							Qvalue
10) Phenol	6.16	94	39993	3.93	ng		96
19) n-Nitroso-di-n-propylamine	7.06	70	81342	14.39	ng	#	87
25) Isophorone	7.06	82	602038	44.19	ng	#	67
49) Dimethylphthalate	9.25	163	198334	17.89	ng		99
56) 2,4-Dinitrotoluene	9.52	165	18736	6.93	ng	#	31
66) 4-Bromophenyl-phenylether	10.30	248	7700	3.54	ng	#	1
70) Phenanthrene	11.01	178	55120	4.72	ng		98
74) Fluoranthene	12.19	202	297160	25.95	ng		96
77) Pyrene	12.42	202	322200	20.40	ng		99
80) Benzo(a)anthracene	13.60	228	165414	13.25	ng		93
82) Chrysene	13.64	228	136098	11.17	ng		98
85) Indeno(1,2,3-cd)pyrene	16.19	276	58617	5.61	ng		92
87) Benzo(b)fluoranthene	14.60	252	203450	24.27	ng	#	97
88) Benzo(k)fluoranthene	14.60	252	203450	25.47	ng		98
89) Benzo(a)pyrene	14.91	252	116388	15.17	ng		98
90) Dibenzo(a,h)anthracene	16.18	278	13095	2.08	ng	#	82
91) Benzo(g,h,i)perylene	16.54	276	50144	7.60	ng		98

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

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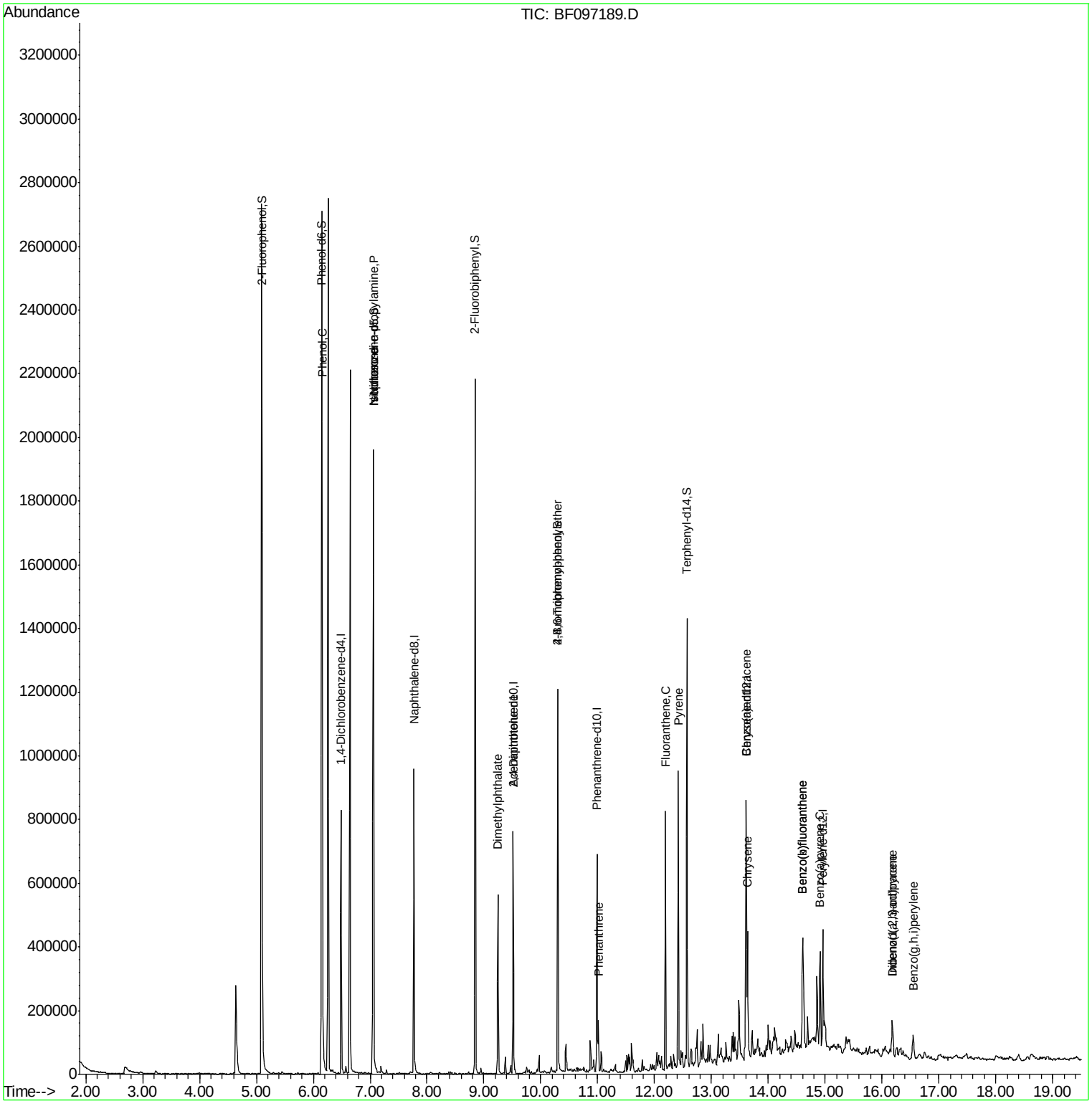
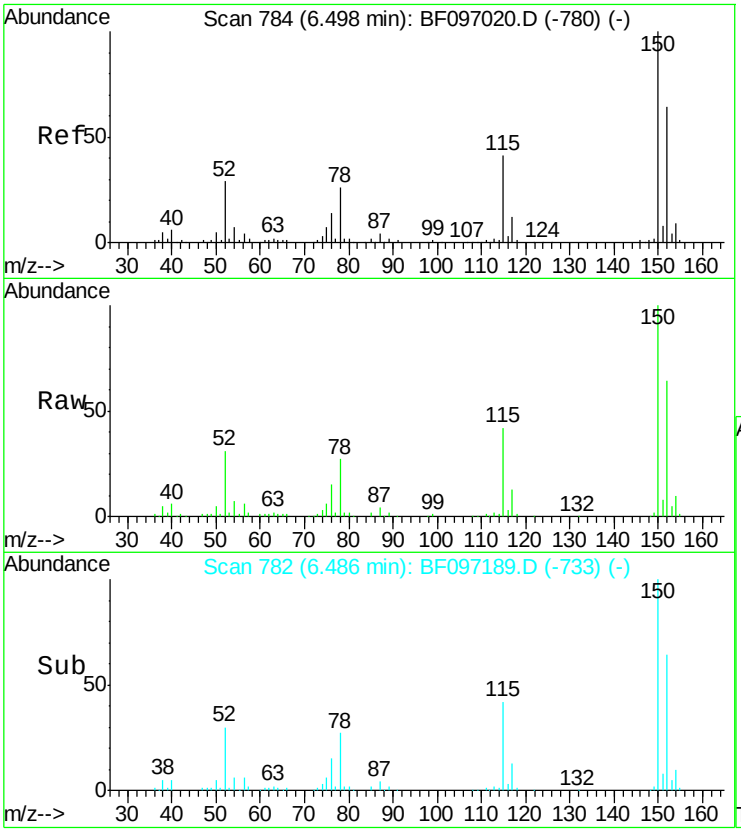


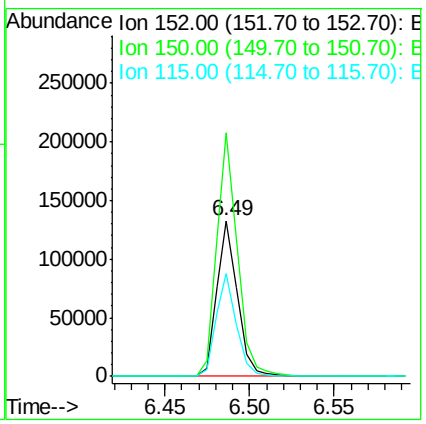


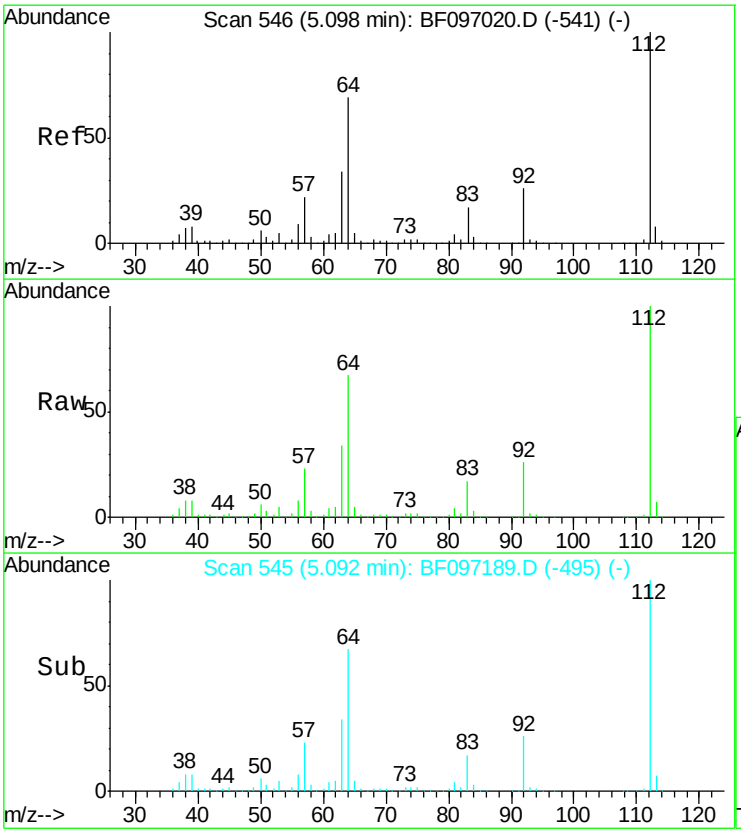
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.49 min Scan# 782
Delta R.T. -0.01 min
Lab File: BF097189.D
Acq: 29 Jul 2017 8:10

Instrument :
BNA_F
ClientSampleId :
E2-HS5-ESW

Tgt Ion:152 Resp: 113378

Ion	Ratio	Lower	Upper
152	100		
150	156.7	126.2	189.2
115	66.0	52.2	78.2

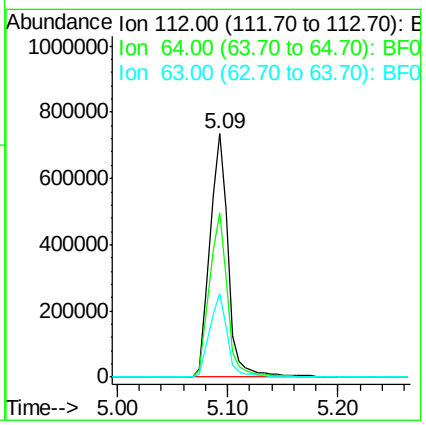


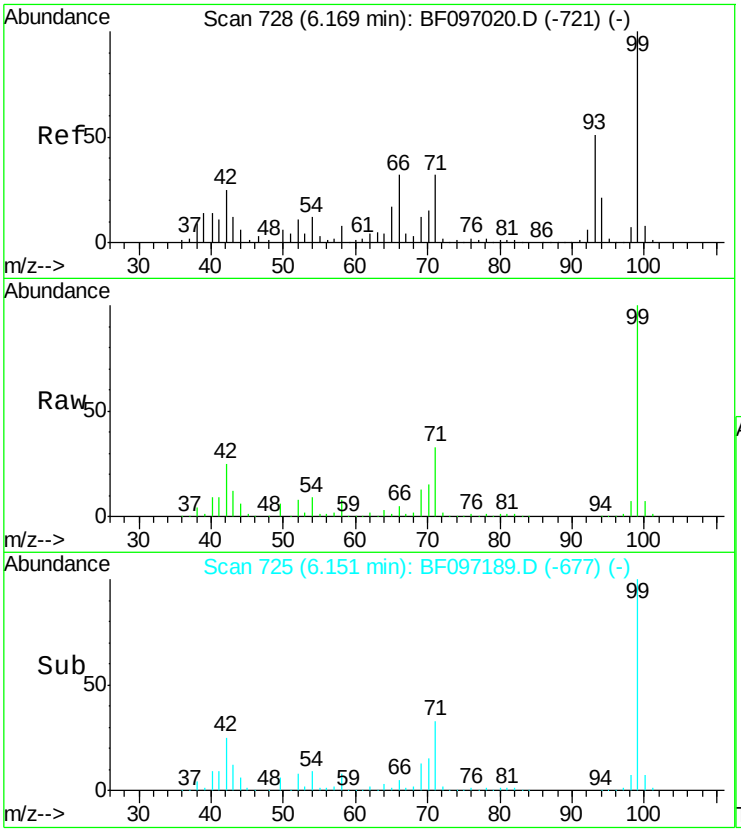


#5
2-Fluorophenol
Concen: 110.44 ng
RT: 5.09 min Scan# 545
Delta R.T. -0.01 min
Lab File: BF097189.D
Acq: 29 Jul 2017 8:10

Tgt Ion:112 Resp: 830582

Ion	Ratio	Lower	Upper
112	100		
64	67.2	46.0	69.0
63	34.3	23.4	35.0



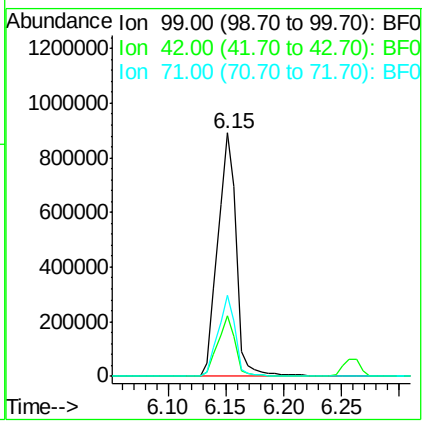


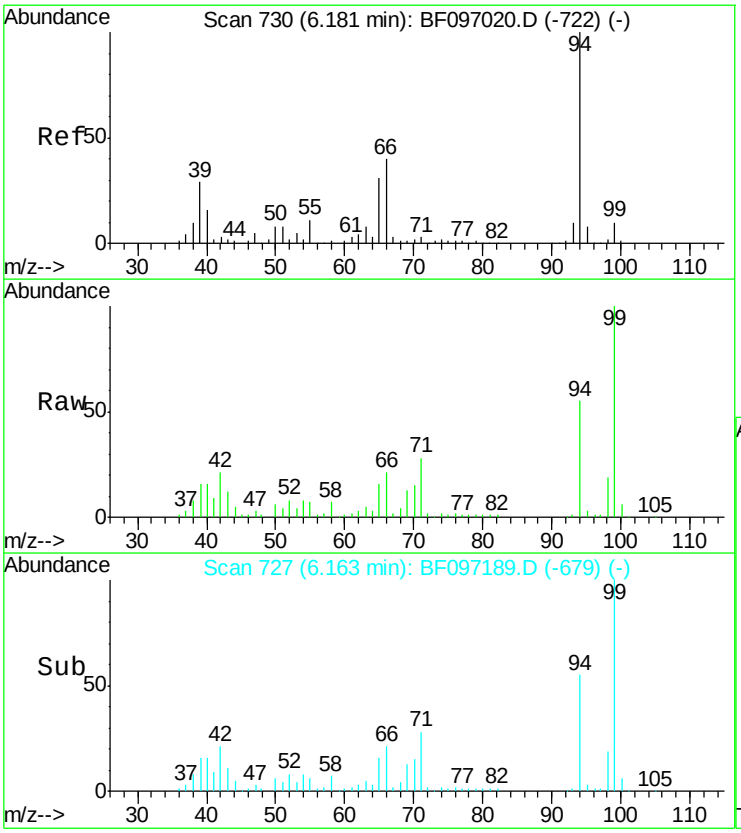
#7
Phenol-d6
Concen: 115.87 ng
RT: 6.15 min Scan# 725
Delta R.T. -0.02 min
Lab File: BF097189.D
Acq: 29 Jul 2017 8:10

Instrument :
BNA_F
ClientSampleId :
E2-HS5-ESW

Tgt Ion: 99 Resp: 994863

Ion	Ratio	Lower	Upper
99	100		
42	24.9	13.5	20.3#
71	33.1	24.5	36.7

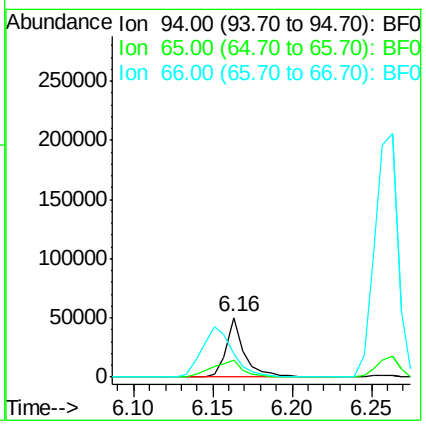


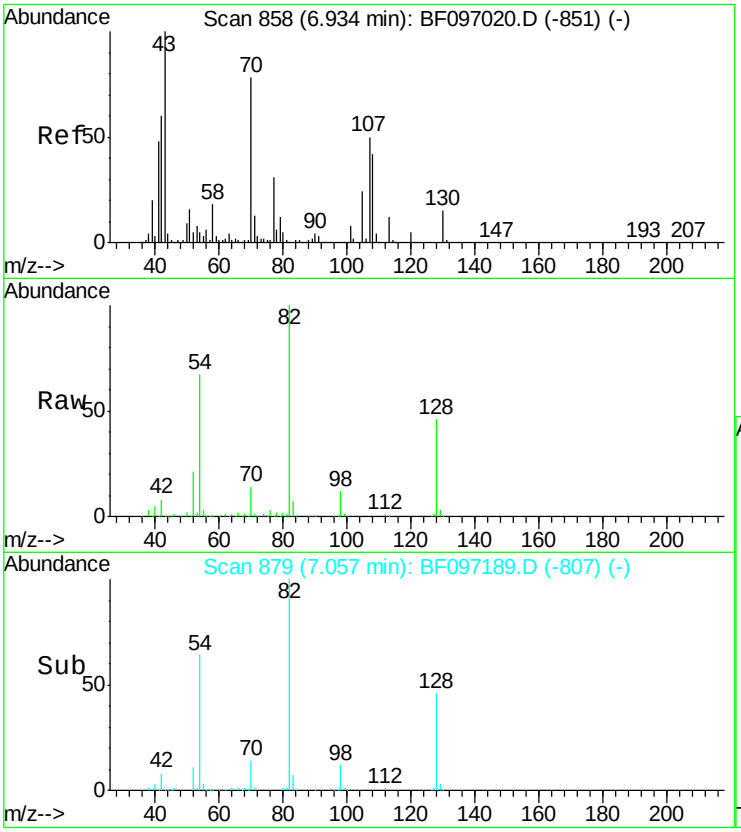


#10
Phenol
Concen: 3.93 ng
RT: 6.16 min Scan# 727
Delta R.T. -0.02 min
Lab File: BF097189.D
Acq: 29 Jul 2017 8:10

Tgt Ion: 94 Resp: 39993

Ion	Ratio	Lower	Upper
94	100		
65	29.5	9.9	49.9
66	39.2	23.1	63.1



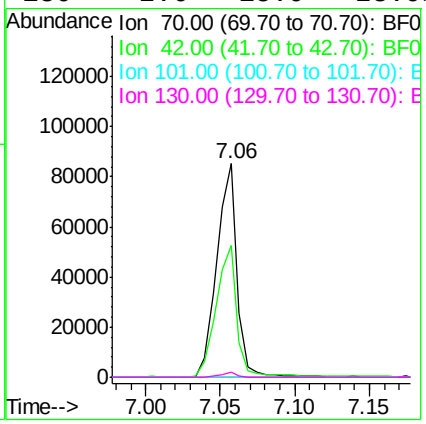


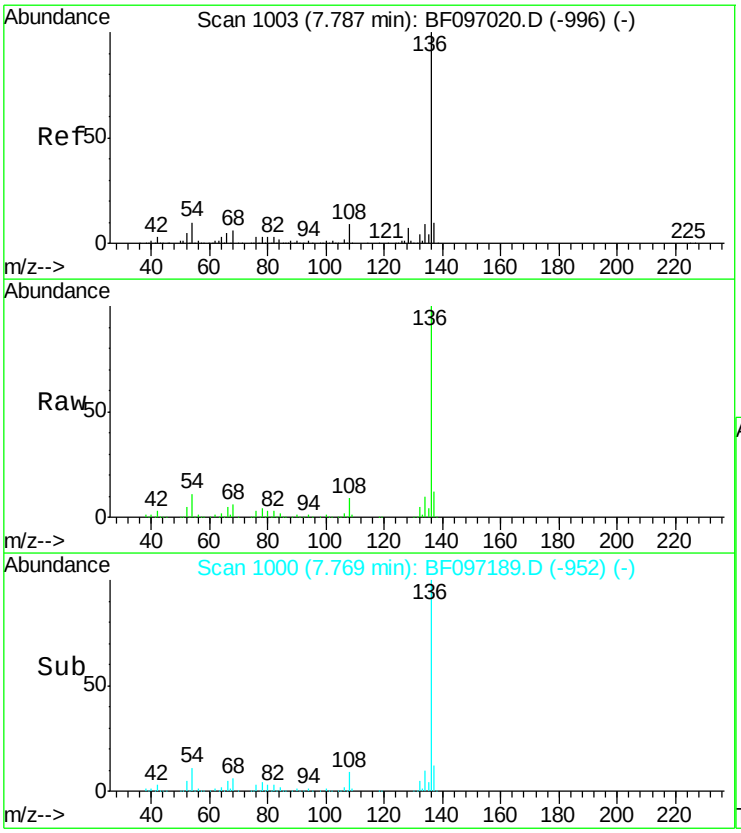
#19
n-Nitroso-di-n-propylamine
Concen: 14.39 ng
RT: 7.06 min Scan# 879
Delta R.T. 0.12 min
Lab File: BF097189.D
Acq: 29 Jul 2017 8:10

Instrument :
BNA_F
ClientSampleId :
E2-HS5-ESW

Tgt Ion: 70 Resp: 81342

Ion	Ratio	Lower	Upper
70	100		
42	61.6	47.2	70.8
101	0.0	7.2	10.8#
130	2.6	15.9	23.9#

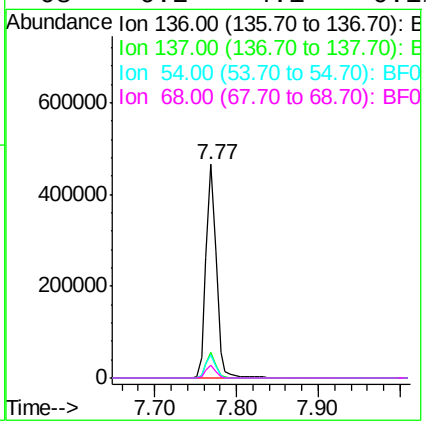


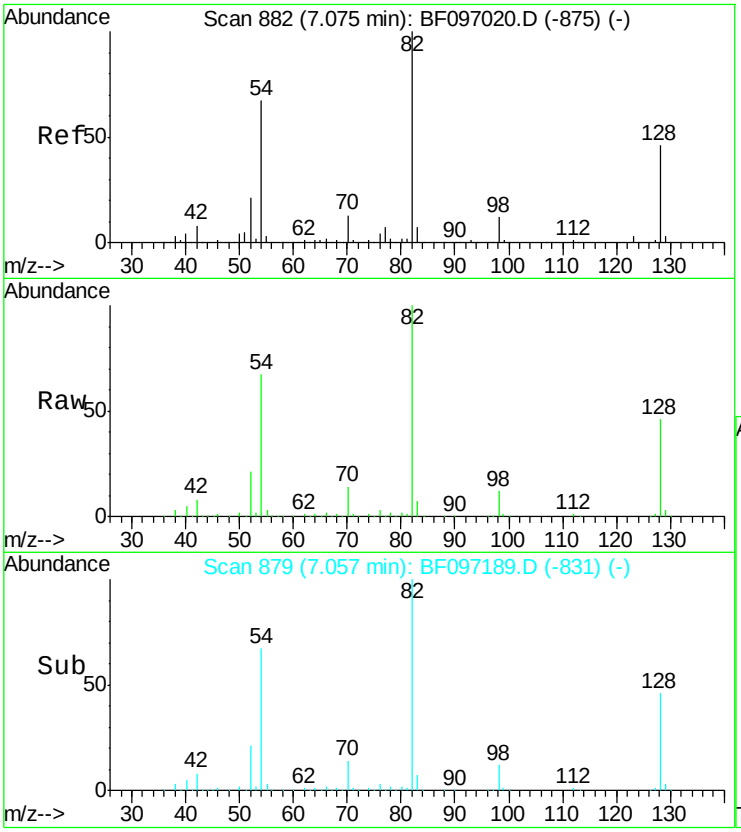


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.77 min Scan# 1000
Delta R.T. -0.02 min
Lab File: BF097189.D
Acq: 29 Jul 2017 8:10

Tgt Ion:136 Resp: 408129

Ion	Ratio	Lower	Upper
136	100		
137	11.7	8.5	12.7
54	10.9	4.9	7.3#
68	6.2	4.1	6.1#



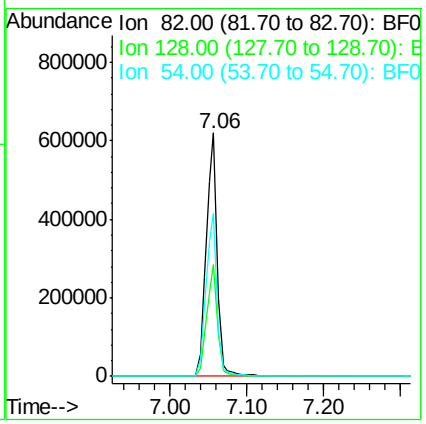


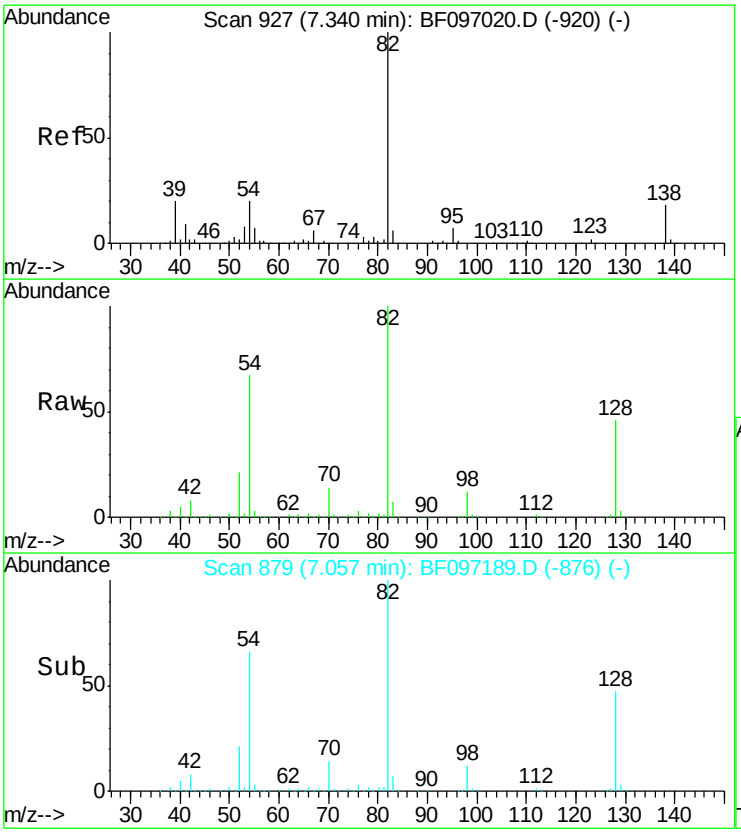
#23
Nitrobenzene-d5
Concen: 87.43 ng
RT: 7.06 min Scan# 879
Delta R.T. -0.02 min
Lab File: BF097189.D
Acq: 29 Jul 2017 8:10

Instrument :
BNA_F
ClientSampleId :
E2-HS5-ESW

Tgt Ion: 82 Resp: 608287

Ion	Ratio	Lower	Upper
82	100		
128	45.8	34.0	51.0
54	66.8	42.2	63.2#

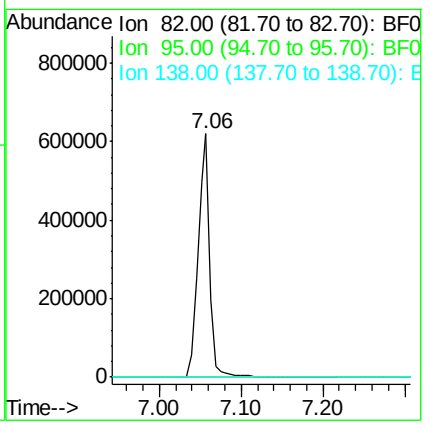


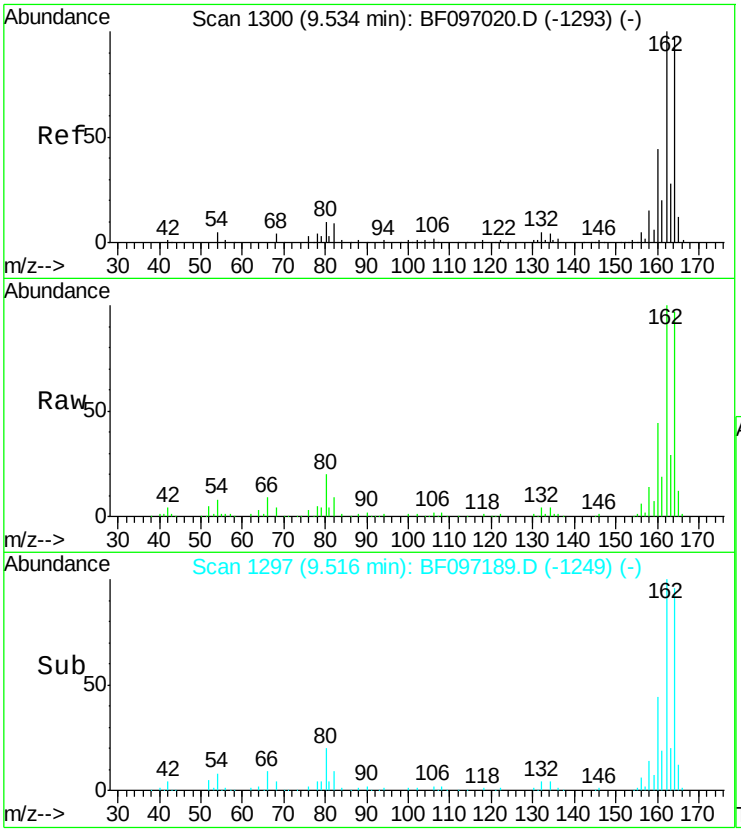


#25
Isophorone
Concen: 44.19 ng
RT: 7.06 min Scan# 879
Delta R.T. -0.28 min
Lab File: BF097189.D
Acq: 29 Jul 2017 8:10

Tgt Ion: 82 Resp: 602038

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



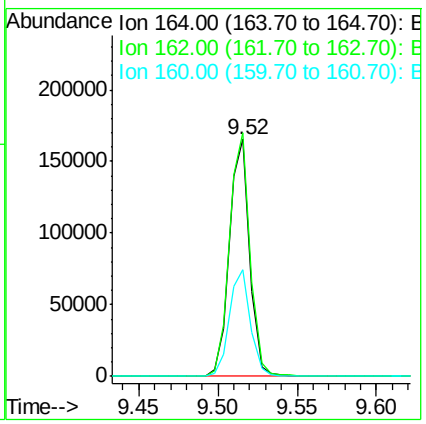


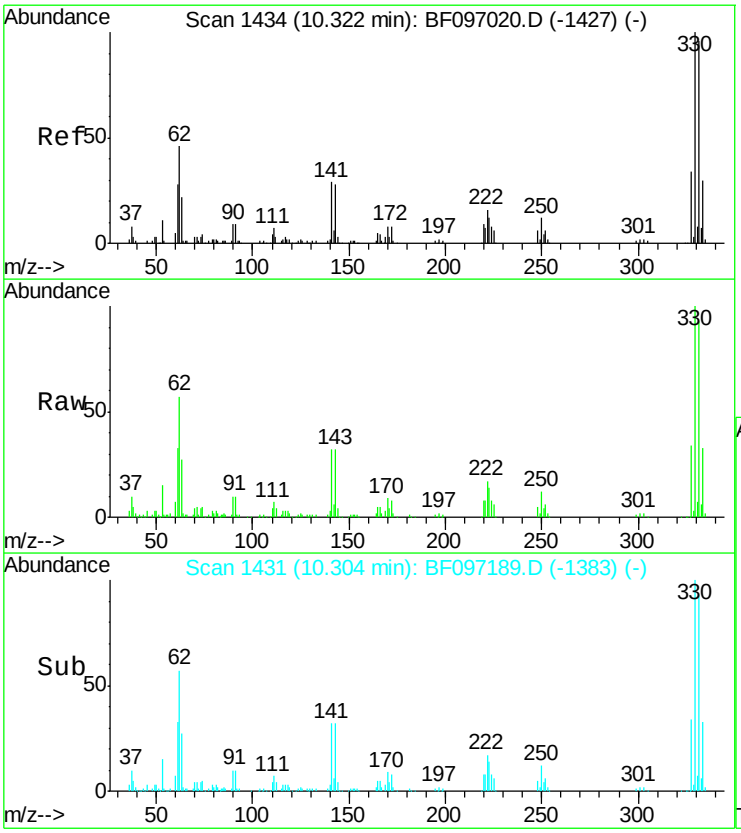
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.52 min Scan# 1297
Delta R.T. -0.02 min
Lab File: BF097189.D
Acq: 29 Jul 2017 8:10

Instrument :
BNA_F
ClientSampleId :
E2-HS5-ESW

Tgt Ion:164 Resp: 145962

Ion	Ratio	Lower	Upper
164	100		
162	102.9	82.6	123.8
160	45.2	36.2	54.2

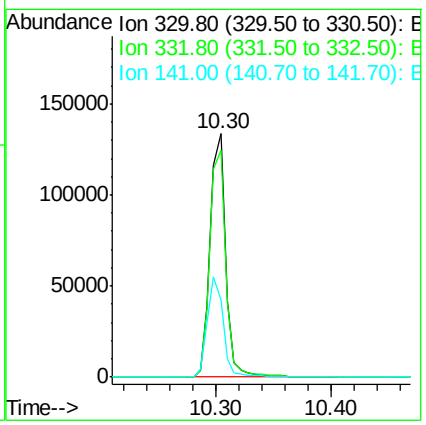


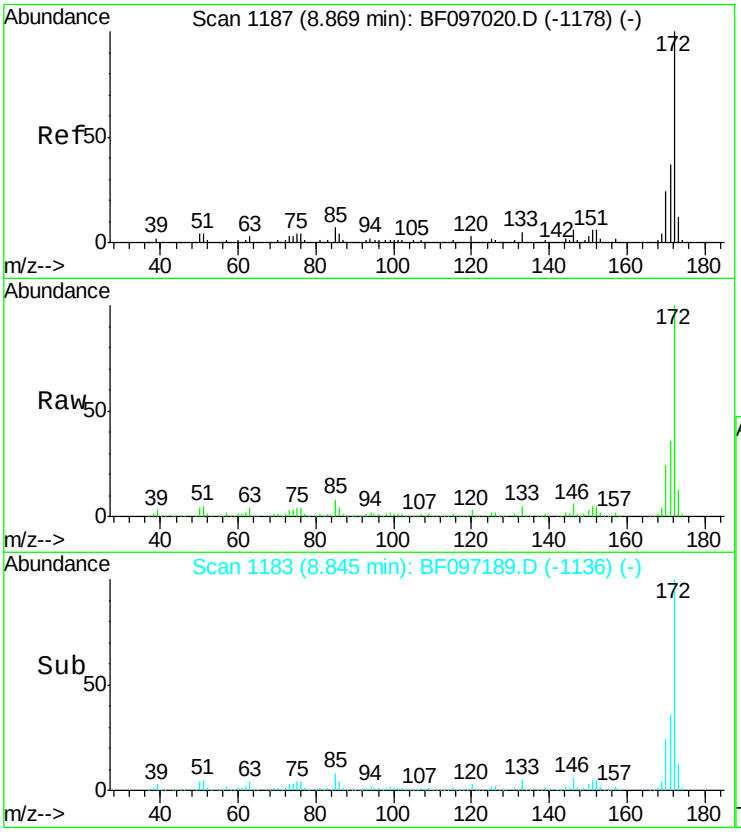


#41
2,4,6-Tribromophenol
Concen: 109.03 ng
RT: 10.30 min Scan# 1431
Delta R.T. -0.02 min
Lab File: BF097189.D
Acq: 29 Jul 2017 8:10

Tgt Ion:330 Resp: 125743

Ion	Ratio	Lower	Upper
330	100		
332	96.0	76.6	115.0
141	42.3	31.4	47.2

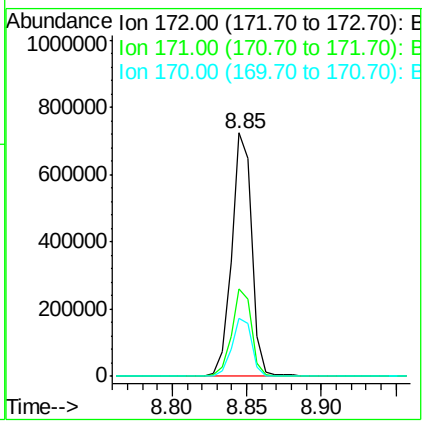




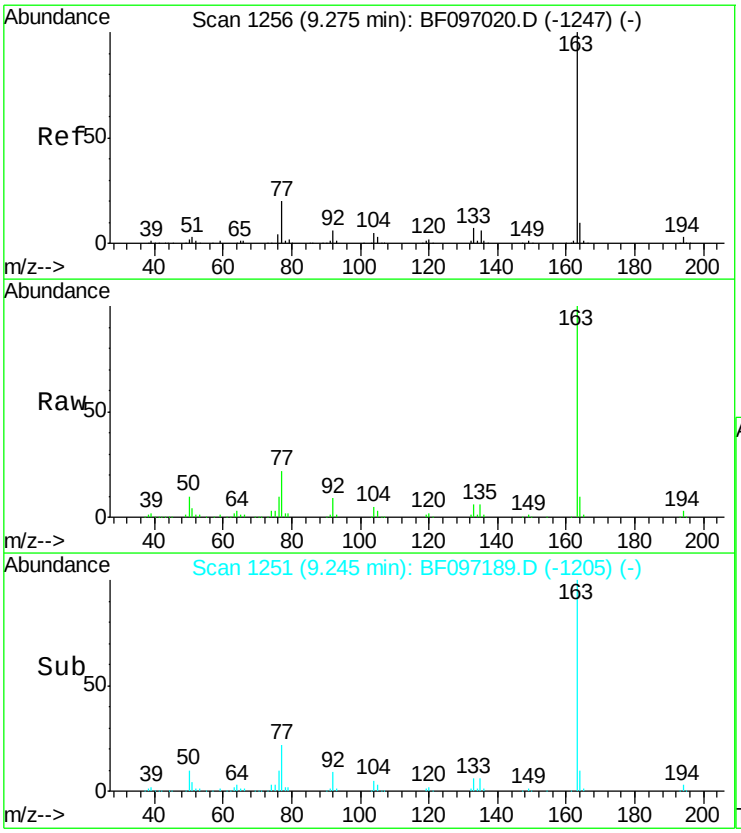
#44
2-Fluorobiphenyl
Concen: 79.95 ng
RT: 8.85 min Scan# 1183
Delta R.T. -0.02 min
Lab File: BF097189.D
Acq: 29 Jul 2017 8:10

Tgt Ion:172 Resp: 687657

Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.6	44.4
170	23.8	19.8	29.8



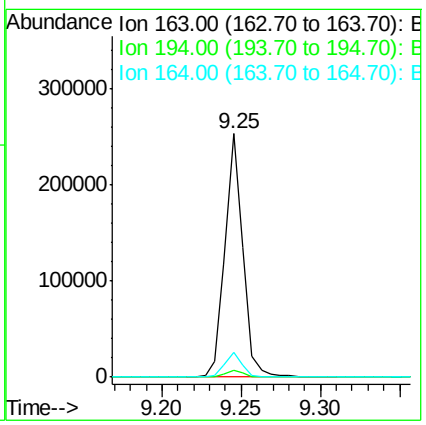
Instrument :
BNA_F
ClientSampleId :
E2-HS5-ESW

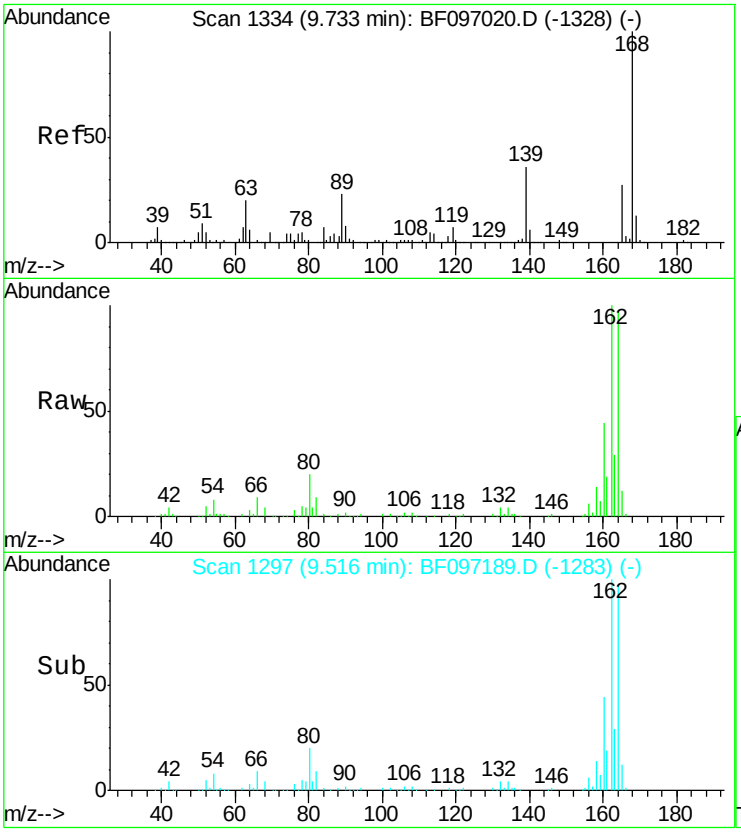


#49
Dimethylphthalate
Concen: 17.89 ng
RT: 9.25 min Scan# 1251
Delta R.T. -0.03 min
Lab File: BF097189.D
Acq: 29 Jul 2017 8:10

Tgt Ion:163 Resp: 198334

Ion	Ratio	Lower	Upper
163	100		
194	2.9	2.6	4.0
164	10.1	8.4	12.6



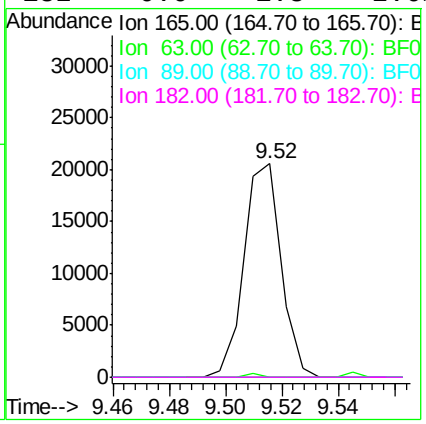


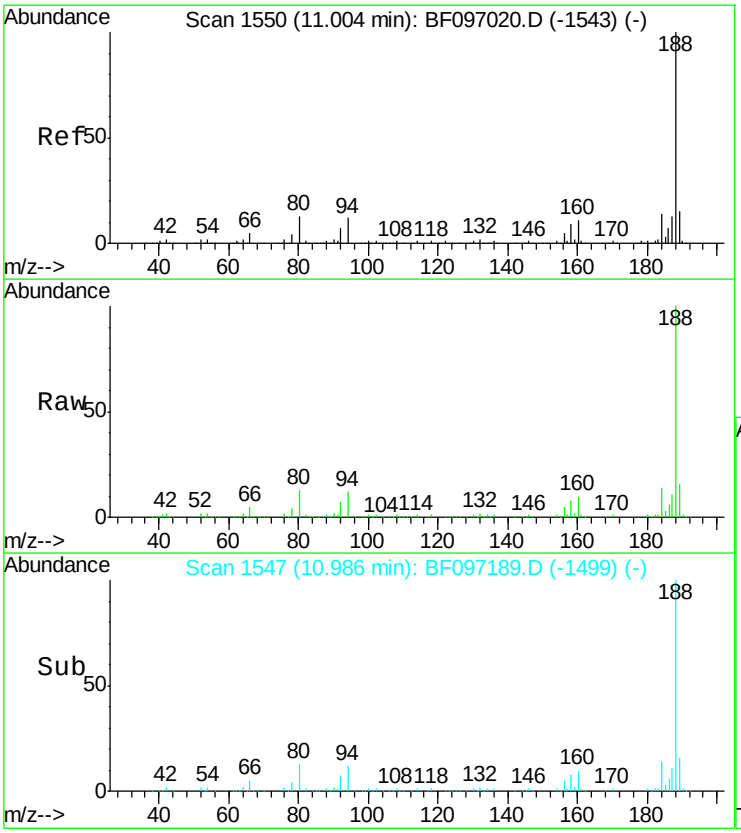
#56
2,4-Dinitrotoluene
Concen: 6.93 ng
RT: 9.52 min Scan# 1297
Delta R.T. -0.22 min
Lab File: BF097189.D
Acq: 29 Jul 2017 8:10

Instrument :
BNA_F
ClientSampleId :
E2-HS5-ESW

Tgt Ion:165 Resp: 18736

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

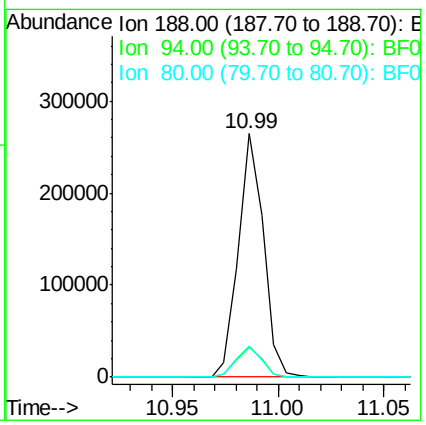


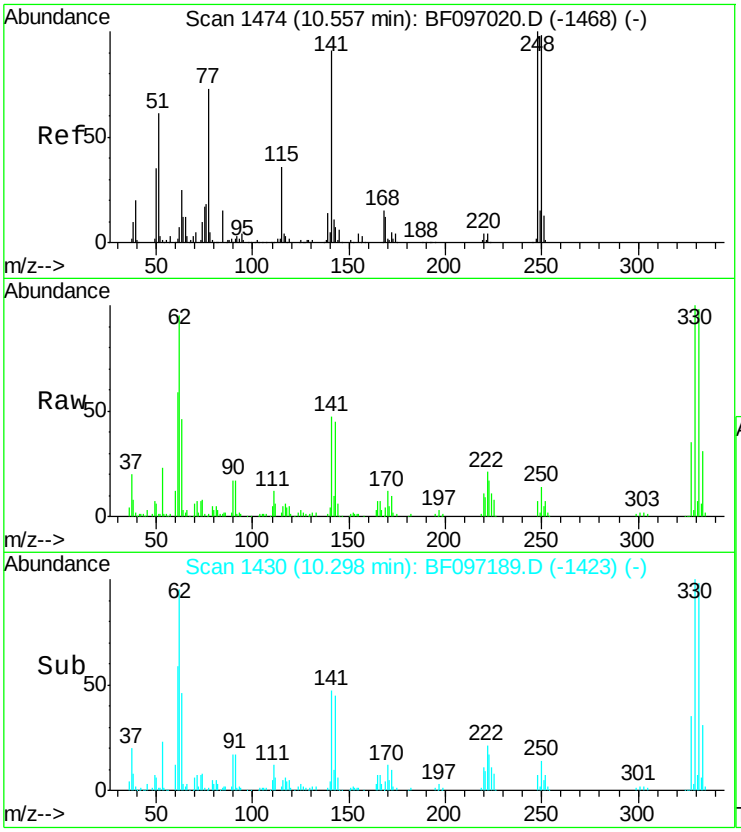


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 10.99 min Scan# 1547
Delta R.T. -0.02 min
Lab File: BF097189.D
Acq: 29 Jul 2017 8:10

Tgt Ion:188 Resp: 218172

Ion	Ratio	Lower	Upper
188	100		
94	12.1	9.4	14.2
80	12.6	10.2	15.2



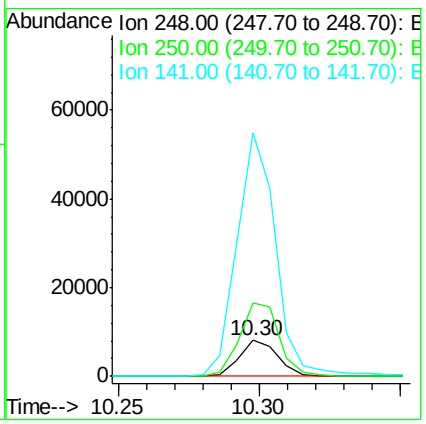


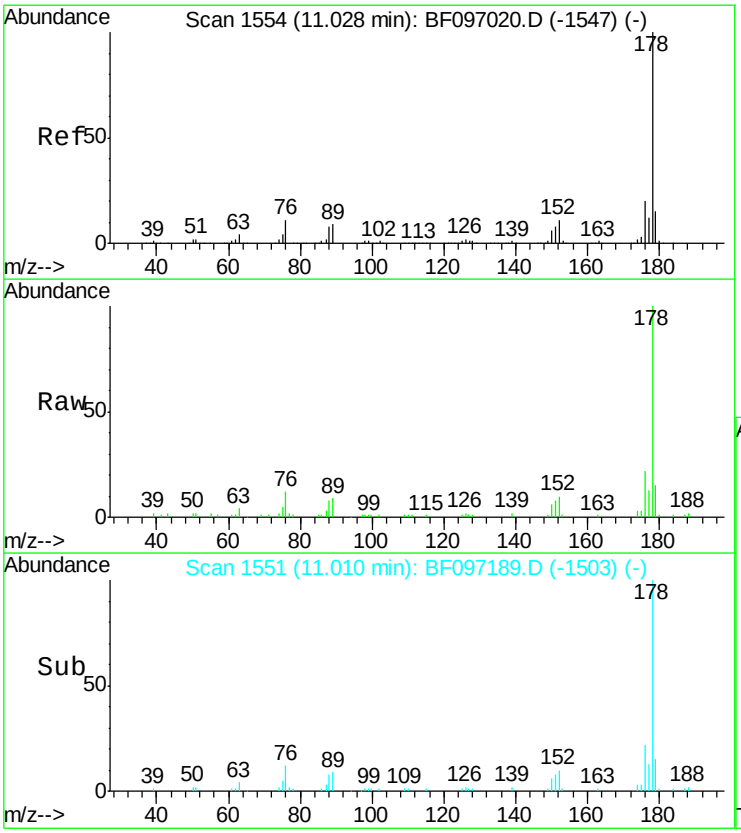
#66
4-Bromophenyl-phenylether
Concen: 3.54 ng
RT: 10.30 min Scan# 1430
Delta R.T. -0.26 min
Lab File: BF097189.D
Acq: 29 Jul 2017 8:10

Instrument :
BNA_F
ClientSampleId :
E2-HS5-ESW

Tgt Ion:248 Resp: 7700

Ion	Ratio	Lower	Upper
248	100		
250	204.8	76.8	115.2#
141	674.4	68.6	103.0#

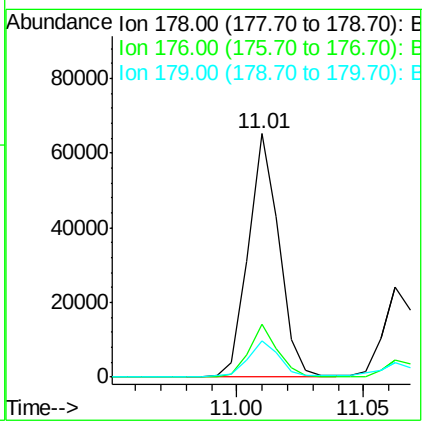


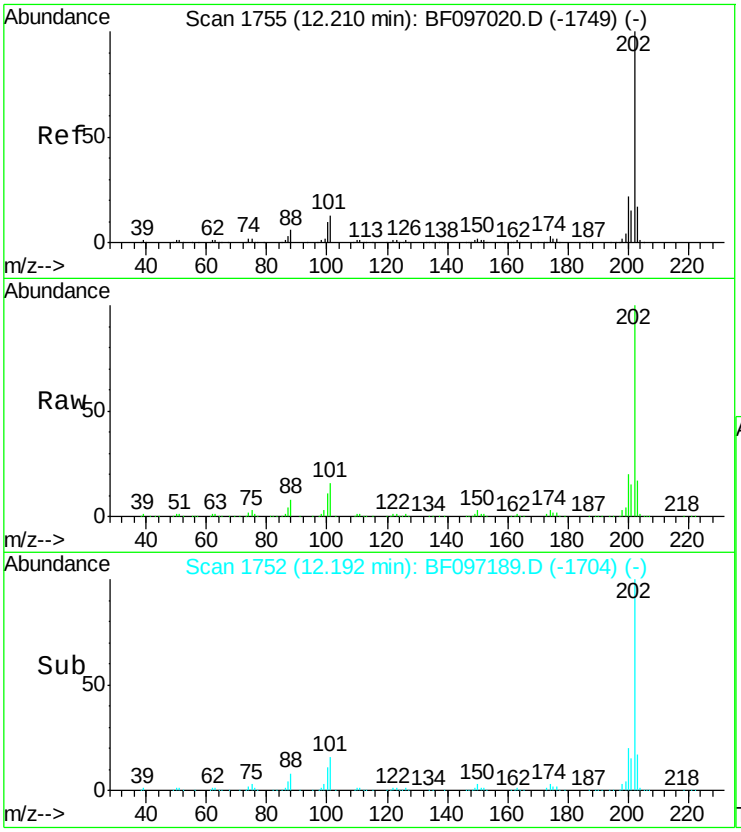


#70
Phenanthrene
Concen: 4.72 ng
RT: 11.01 min Scan# 1551
Delta R.T. -0.02 min
Lab File: BF097189.D
Acq: 29 Jul 2017 8:10

Tgt Ion:178 Resp: 55120

Ion	Ratio	Lower	Upper
178	100		
176	21.5	16.2	24.4
179	14.9	12.6	19.0



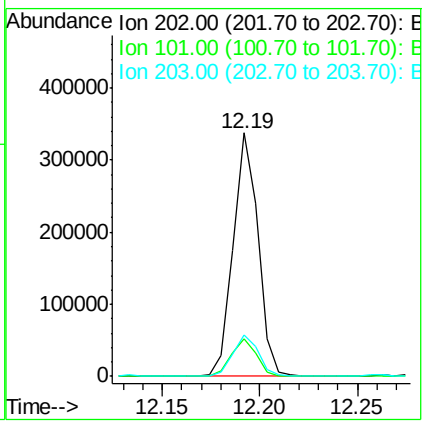


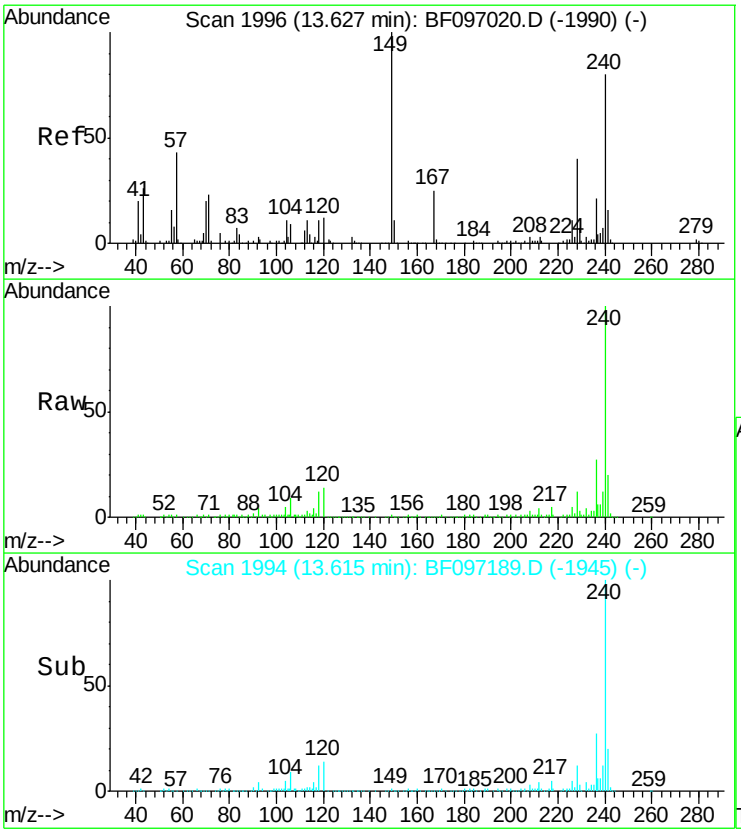
#74
Fluoranthene
Concen: 25.95 ng
RT: 12.19 min Scan# 1752
Delta R.T. -0.02 min
Lab File: BF097189.D
Acq: 29 Jul 2017 8:10

Instrument :
BNA_F
ClientSampleId :
E2-HS5-ESW

Tgt Ion:202 Resp: 297160

Ion	Ratio	Lower	Upper
202	100		
101	15.5	0.0	33.2
203	17.2	0.0	38.1

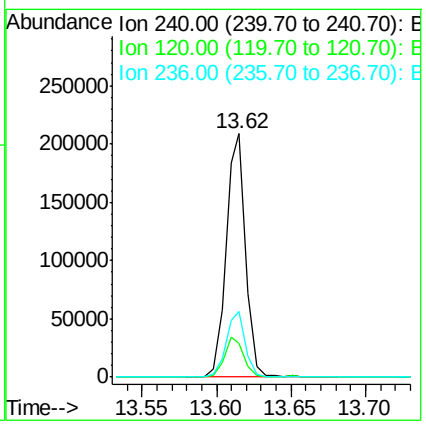


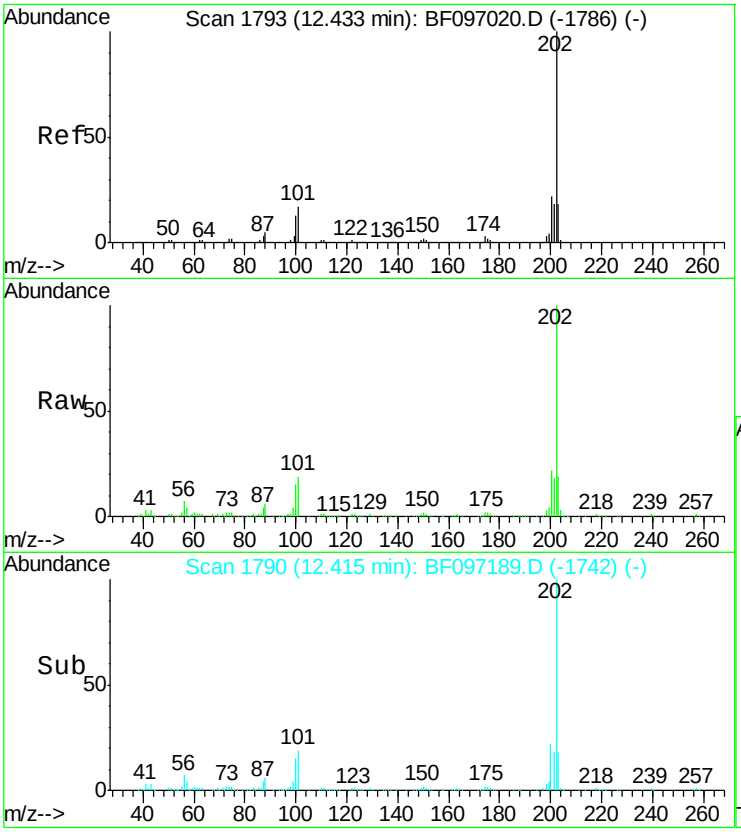


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.62 min Scan# 1994
Delta R.T. -0.01 min
Lab File: BF097189.D
Acq: 29 Jul 2017 8:10

Tgt Ion:240 Resp: 192900

Ion	Ratio	Lower	Upper
240	100		
120	13.9	5.8	8.8#
236	26.8	20.5	30.7



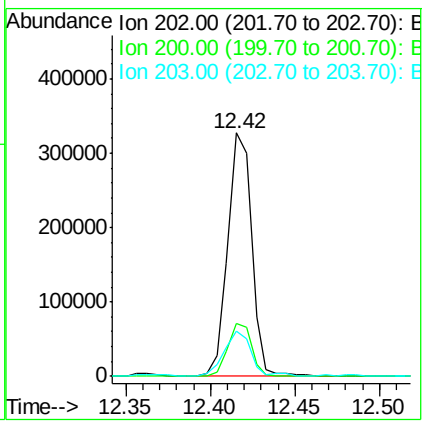


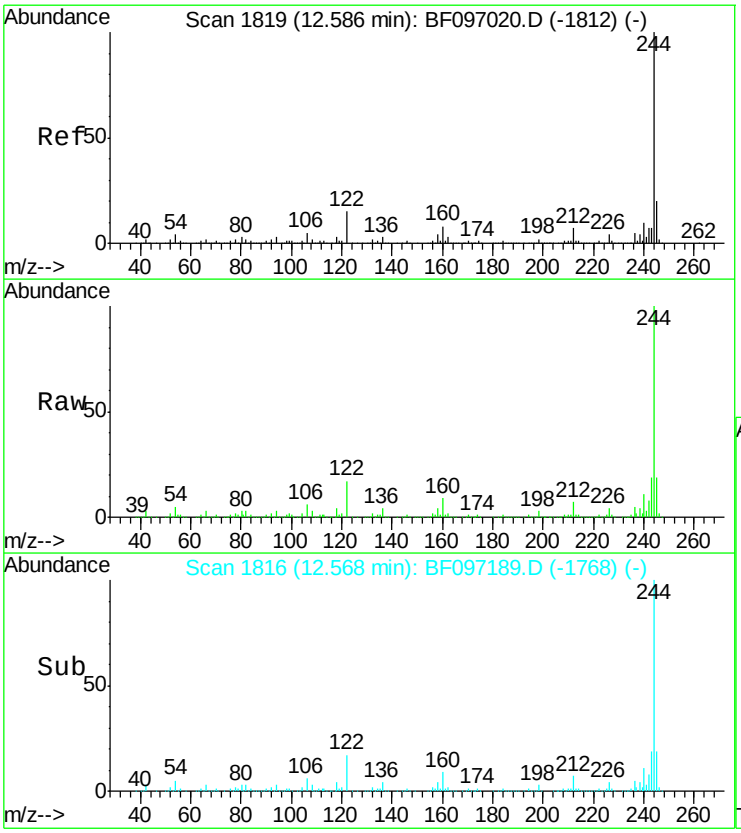
#77
Pyrene
Concen: 20.40 ng
RT: 12.42 min Scan# 1790
Delta R.T. -0.02 min
Lab File: BF097189.D
Acq: 29 Jul 2017 8:10

Instrument :
BNA_F
ClientSampleId :
E2-HS5-ESW

Tgt Ion:202 Resp: 322200

Ion	Ratio	Lower	Upper
202	100		
200	21.8	17.6	26.4
203	18.8	14.4	21.6

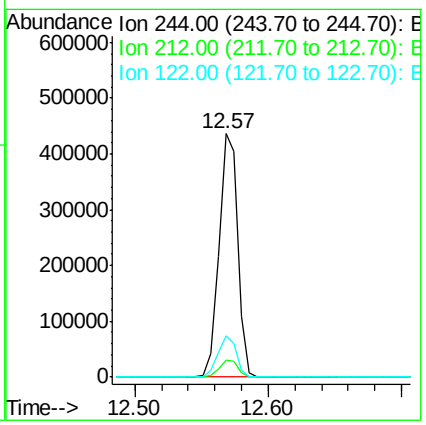


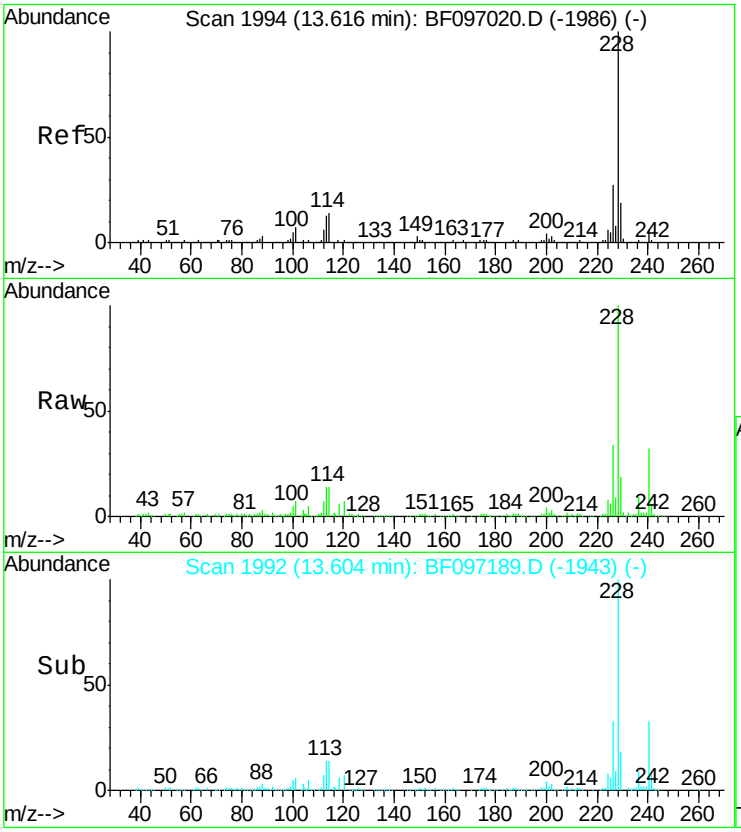


#78
Terphenyl-d14
Concen: 45.65 ng
RT: 12.57 min Scan# 1816
Delta R.T. -0.02 min
Lab File: BF097189.D
Acq: 29 Jul 2017 8:10

Tgt Ion:244 Resp: 431884

Ion	Ratio	Lower	Upper
244	100		
212	7.1	6.0	9.0
122	16.9	10.3	15.5#



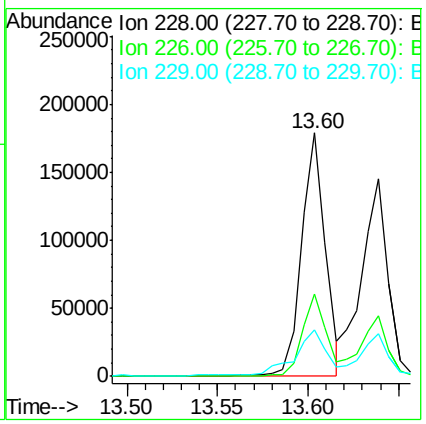


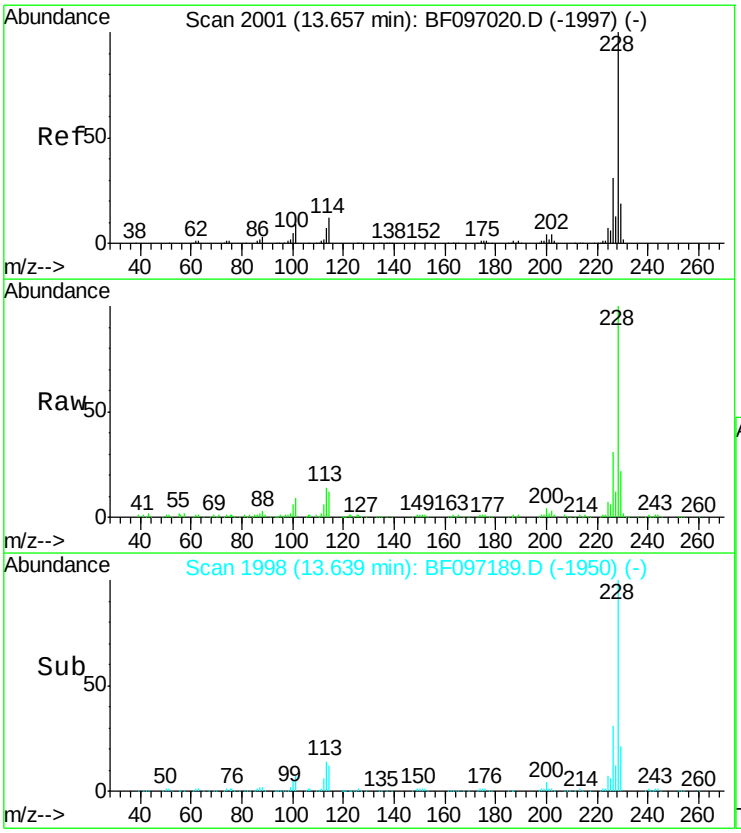
#80
Benzo(a)anthracene
Concen: 13.25 ng
RT: 13.60 min Scan# 1992
Delta R.T. -0.01 min
Lab File: BF097189.D
Acq: 29 Jul 2017 8:10

Instrument :
BNA_F
ClientSampleId :
E2-HS5-ESW

Tgt Ion:228 Resp: 165414

Ion	Ratio	Lower	Upper
228	100		
226	33.6	22.6	33.8
229	19.0	16.3	24.5

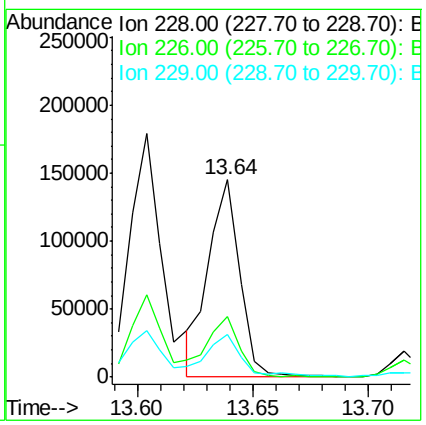


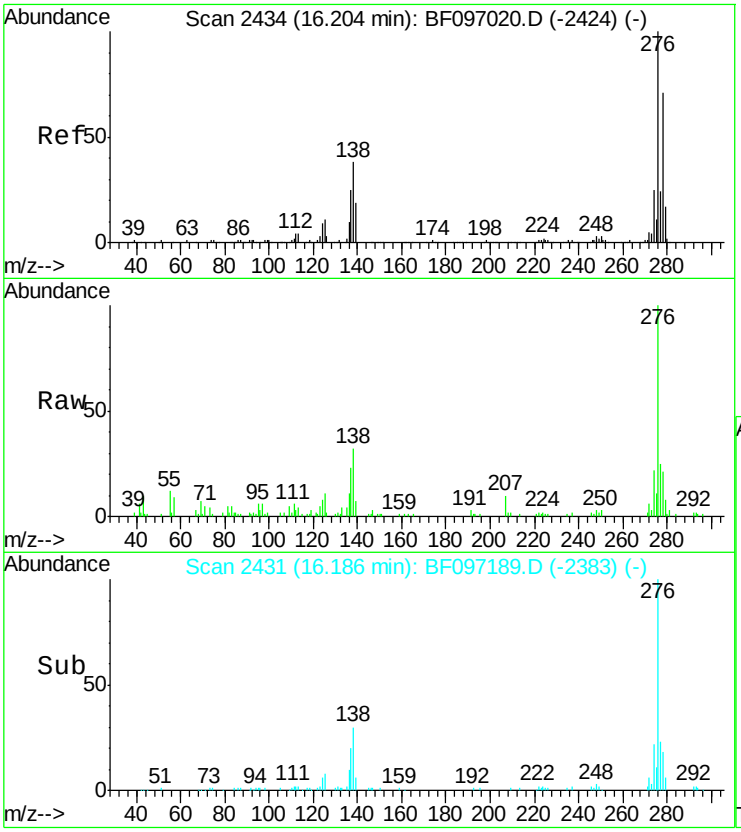


#82
Chrysene
Concen: 11.17 ng
RT: 13.64 min Scan# 1998
Delta R.T. -0.02 min
Lab File: BF097189.D
Acq: 29 Jul 2017 8:10

Tgt Ion:228 Resp: 136098

Ion	Ratio	Lower	Upper
228	100		
226	30.7	24.9	37.3
229	21.7	15.8	23.6



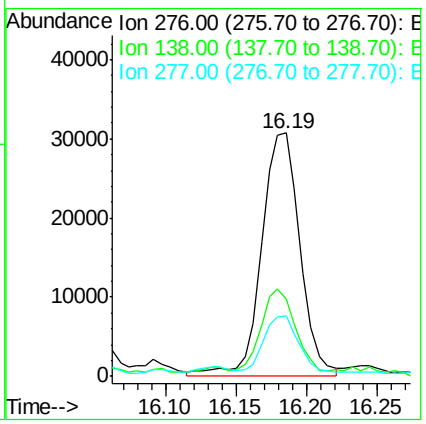


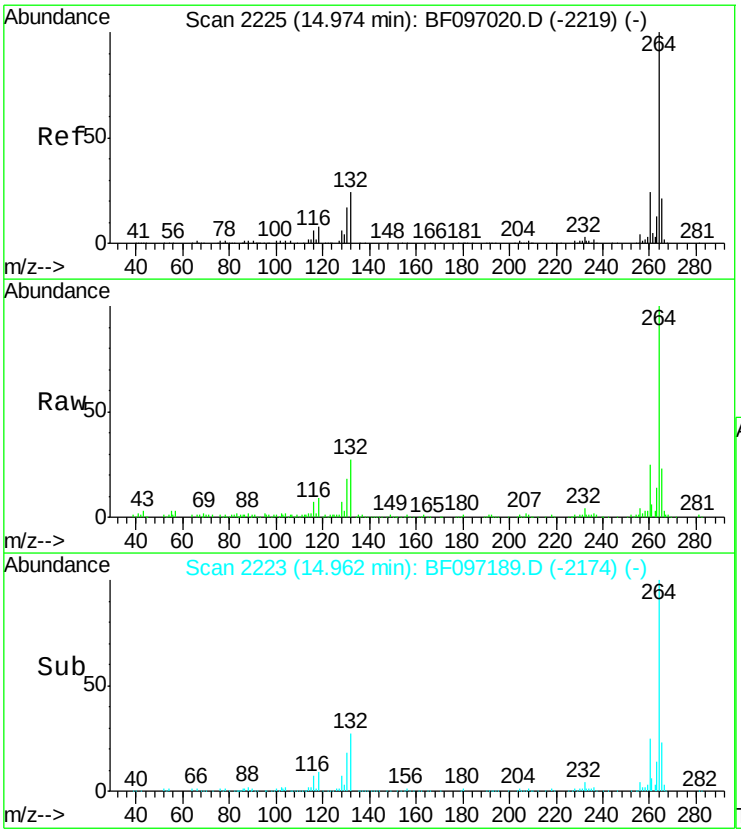
#85
Indeno(1,2,3-cd)pyrene
Concen: 5.61 ng
RT: 16.19 min Scan# 2431
Delta R.T. -0.02 min
Lab File: BF097189.D
Acq: 29 Jul 2017 8:10

Instrument :
BNA_F
ClientSampleId :
E2-HS5-ESW

Tgt Ion:276 Resp: 58617

Ion	Ratio	Lower	Upper
276	100		
138	29.5	27.8	41.6
277	21.4	20.2	30.4

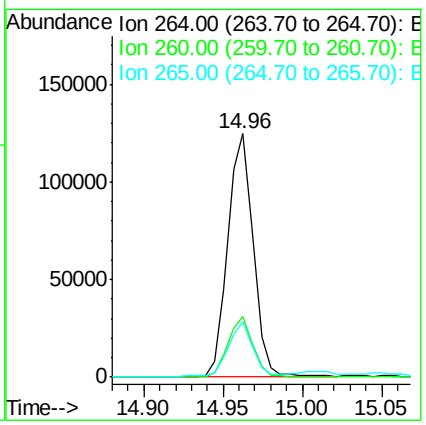


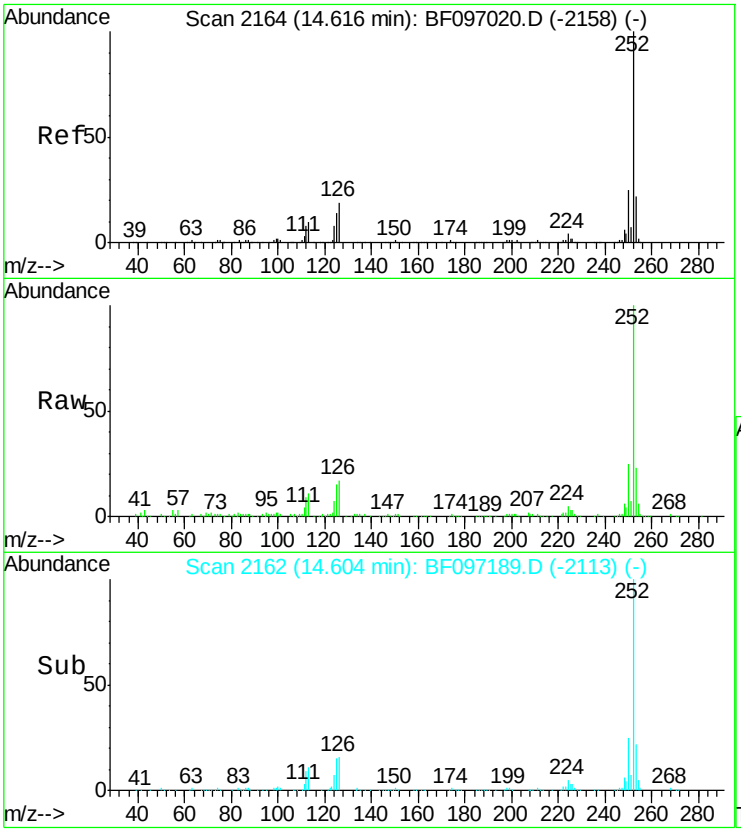


#86
Perylene-d12
Concen: 20.00 ng
RT: 14.96 min Scan# 2223
Delta R.T. -0.01 min
Lab File: BF097189.D
Acq: 29 Jul 2017 8:10

Tgt Ion:264 Resp: 139475

Ion	Ratio	Lower	Upper
264	100		
260	25.0	19.5	29.3
265	23.0	17.2	25.8



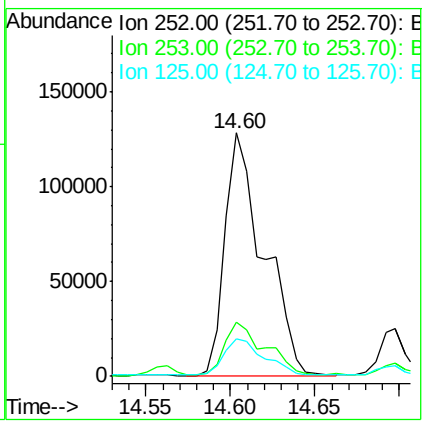


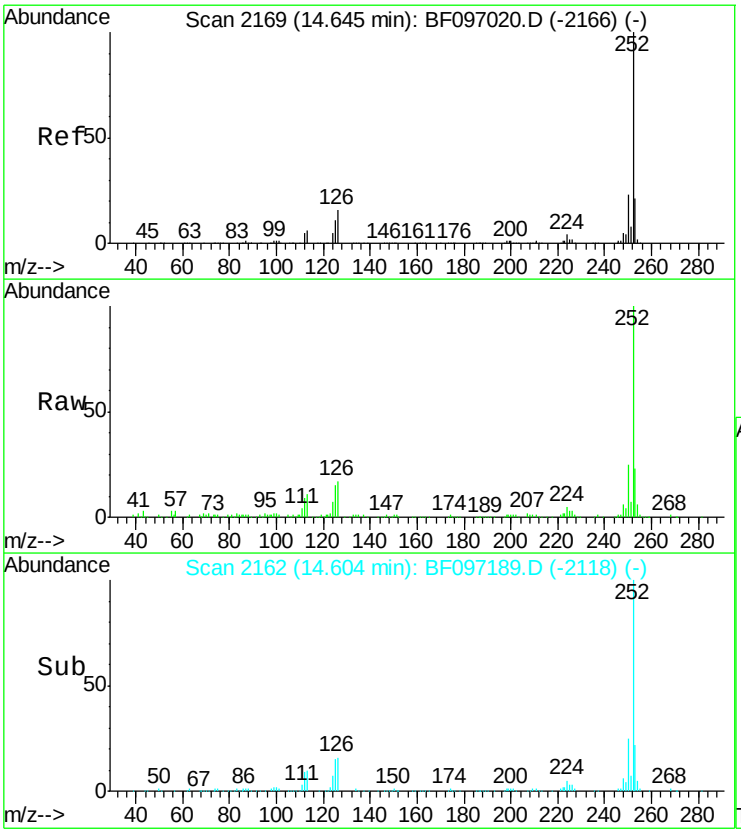
#87
Benzo(b)fluoranthene
Concen: 24.27 ng
RT: 14.60 min Scan# 2162
Delta R.T. -0.01 min
Lab File: BF097189.D
Acq: 29 Jul 2017 8:10

Instrument :
BNA_F
ClientSampleId :
E2-HS5-ESW

Tgt Ion:252 Resp: 203450

Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.1	27.1
125	15.2	9.8	14.8#

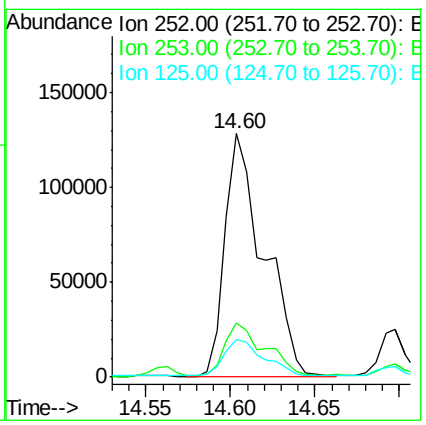


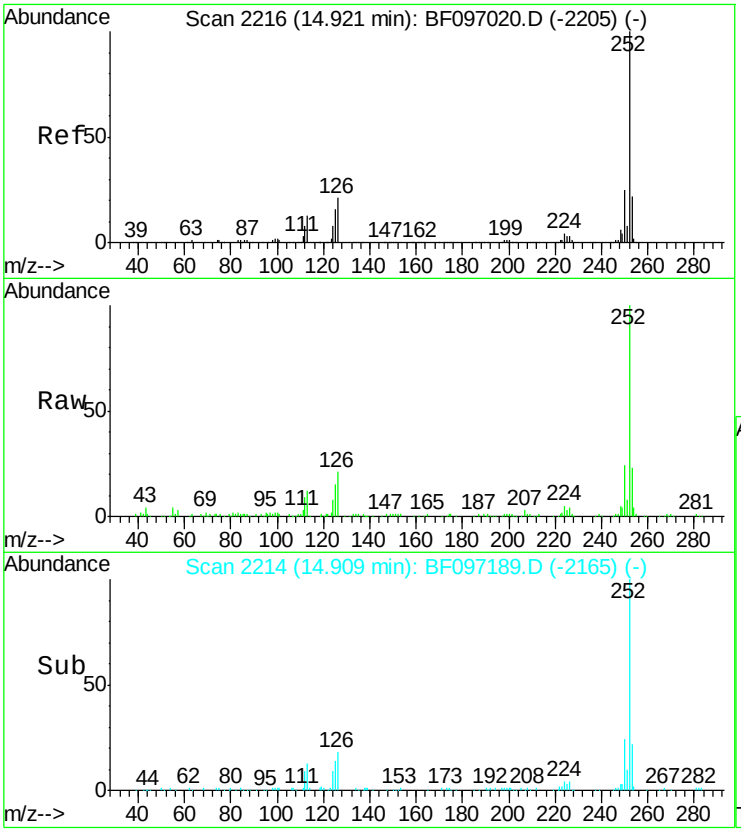


#88
Benzo(k)fluoranthene
Concen: 25.47 ng
RT: 14.60 min Scan# 2162
Delta R.T. -0.04 min
Lab File: BF097189.D
Acq: 29 Jul 2017 8:10

Tgt Ion:252 Resp: 203450

Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.4	27.6
125	15.2	13.1	19.7



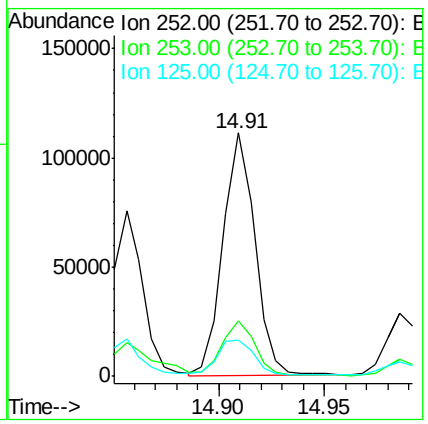


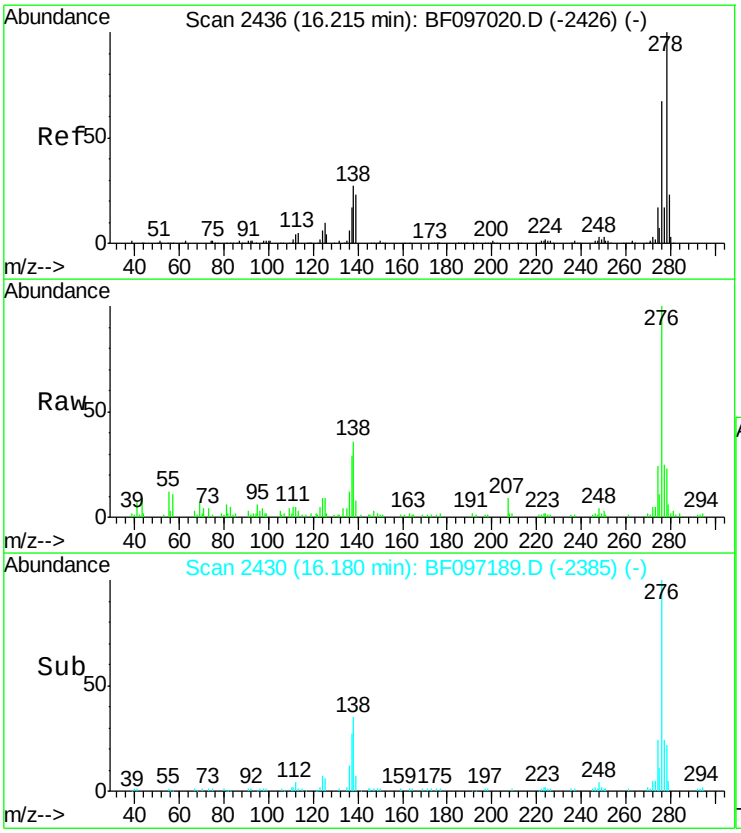
#89
Benzo(a)pyrene
Concen: 15.17 ng
RT: 14.91 min Scan# 2214
Delta R.T. -0.01 min
Lab File: BF097189.D
Acq: 29 Jul 2017 8:10

Instrument :
BNA_F
ClientSampleId :
E2-HS5-ESW

Tgt Ion:252 Resp: 116388

Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.5	26.3
125	14.7	11.0	16.4

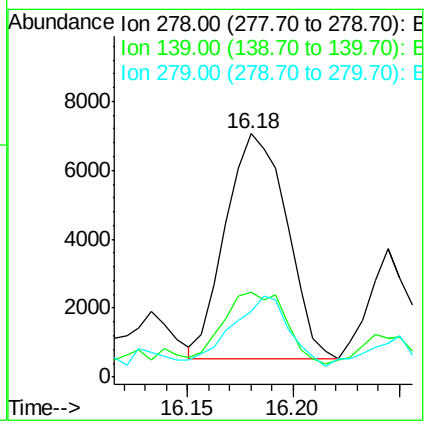


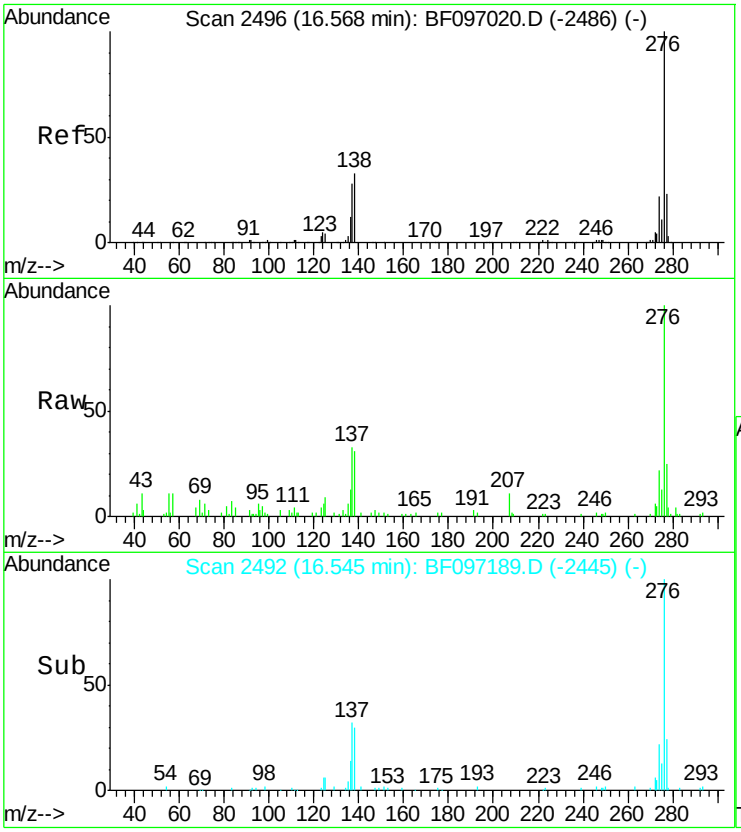


#90
Dibenzo(a,h)anthracene
Concen: 2.08 ng
RT: 16.18 min Scan# 2430
Delta R.T. -0.04 min
Lab File: BF097189.D
Acq: 29 Jul 2017 8:10

Tgt Ion:278 Resp: 13095

Ion	Ratio	Lower	Upper
278	100		
139	35.0	16.6	24.8#
279	27.2	19.3	28.9





#91
Benzo(g,h,i)perylene
Concen: 7.60 ng
RT: 16.54 min Scan# 2492
Delta R.T. -0.02 min
Lab File: BF097189.D
Acq: 29 Jul 2017 8:10

Instrument :
BNA_F
ClientSampleId :
E2-HS5-ESW

Tgt Ion:276 Resp: 50144

Ion	Ratio	Lower	Upper
276	100		
277	25.1	18.6	28.0
138	30.9	25.4	38.0