Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF072817\
Data File : BF097151.D
Acq On : 28 Jul 2017 13:43
Operator : SJ/JU
Sample : I4397-05
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : T-2B-14.5-15.0-072117

Quant Time: Jul 28 14:10:04 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	120956	20.00	ng		-0.01
21) Naphthalene-d8	7.77	136	474310	20.00	ng		-0.02
38) Acenaphthene-d10	9.52	164	197876	20.00	ng		-0.02
63) Phenanthrene-d10	10.99	188	270848	20.00	ng		-0.02
75) Chrysene-d12	13.61	240	211817	20.00	ng		-0.02
86) Perylene-d12	14.96	264	189280	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.09	112	844934	105.31	ng		0.00
7) Phenol-d6	6.16	99	988400	107.90	ng		-0.01
23) Nitrobenzene-d5	7.06	82	578104	71.50	ng		-0.02
41) 2,4,6-Tribromophenol	10.30	330	156707	100.23	ng		-0.02
44) 2-Fluorobiphenyl	8.85	172	881257	75.58	ng		-0.02
78) Terphenyl-d14	12.57	244	499742	48.10	ng		-0.01
Target Compounds							Qvalue
10) Phenol	6.16	94	41198	3.792	ng		95
19) n-Nitroso-di-n-propylamine	7.06	70	77219	12.807	ng	#	86
25) Isophorone	7.06	82	576971	36.439	ng	#	67
49) Dimethylphthalate	9.25	163	203353	13.533	ng		98
56) 2,4-Dinitrotoluene	9.52	165	24963	6.814	ng	#	34
66) 4-Bromophenyl-phenylether	10.30	248	10298	3.810	ng	#	1
70) Phenanthrene	11.01	178	160035	11.028	ng		98
71) Anthracene	11.06	178	39640	2.667	ng		96
74) Fluoranthene	12.19	202	224003	15.756	ng		99
77) Pyrene	12.42	202	169151	9.755	ng		99
80) Benzo(a)anthracene	13.60	228	98663	7.199	ng		98
82) Chrysene	13.64	228	94520	7.063	ng		96
85) Indeno(1,2,3-cd)pyrene	16.18	276	38709	3.373	ng		99
87) Benzo(b)fluoranthene	14.60	252	157398	13.833	ng	#	95
88) Benzo(k)fluoranthene	14.60	252	157398	14.517	ng		98
89) Benzo(a)pyrene	14.91	252	72669	6.978	ng		95
91) Benzo(g,h,i)perylene	16.54	276	36354	4.060	ng		99

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

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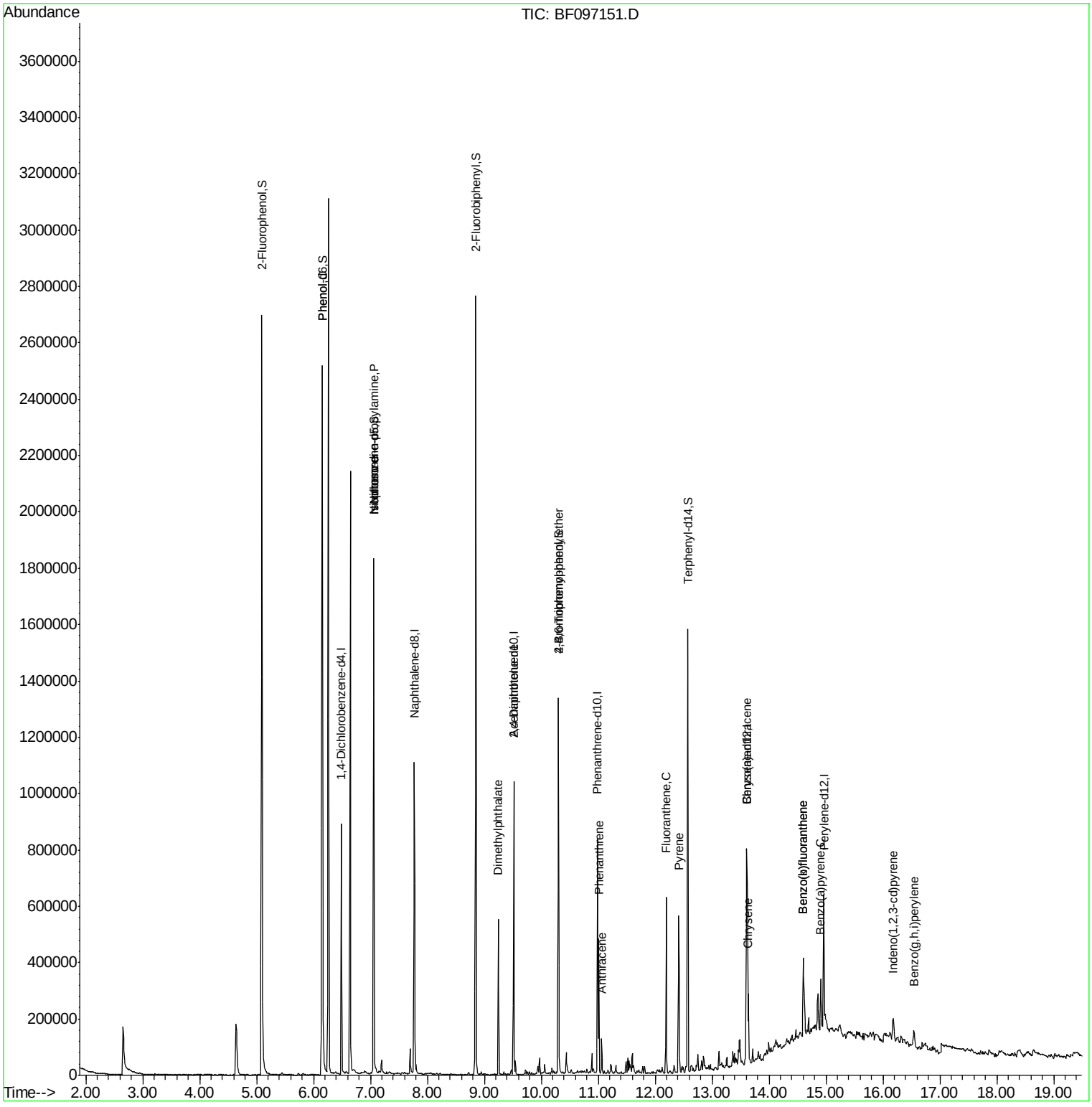
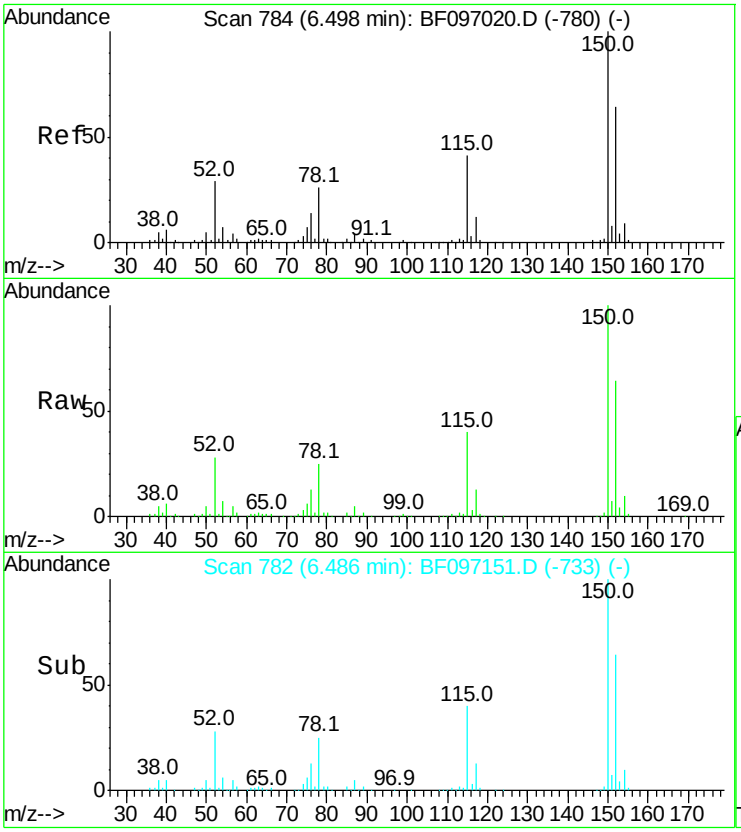


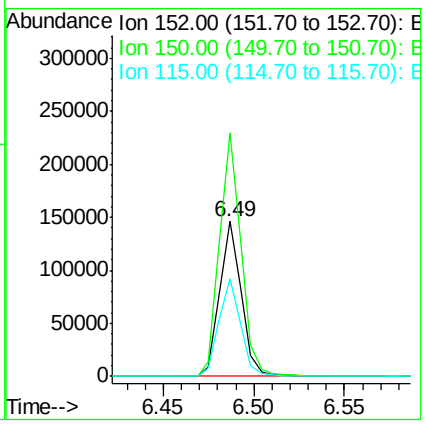


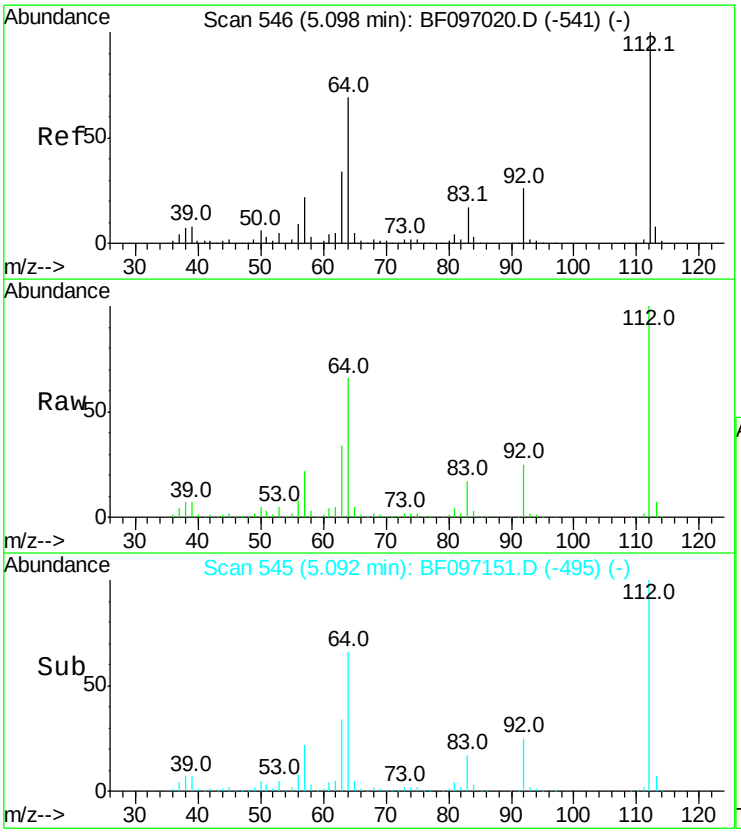
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.49 min Scan# 782
Delta R.T. -0.01 min
Lab File: BF097151.D
Acq: 28 Jul 2017 13:43

Instrument :
BNA_F
ClientSampleId :
T-2B-14.5-15.0-072117

Tgt Ion:152 Resp: 120956

Ion	Ratio	Lower	Upper
152	100		
150	157.3	126.2	189.2
115	63.2	52.2	78.2

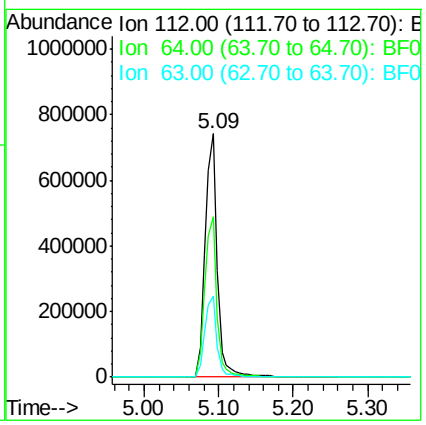


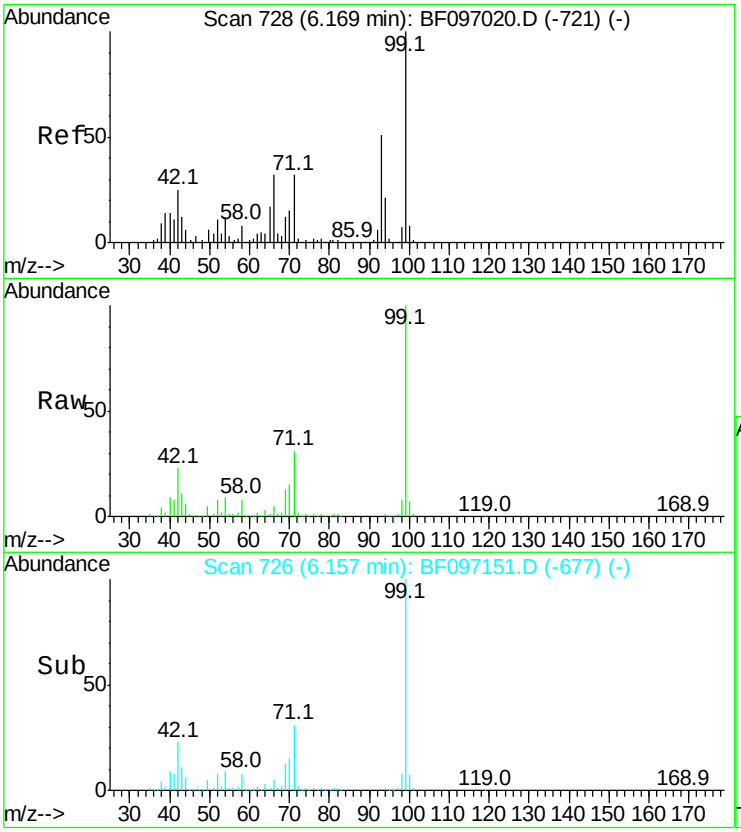


#5
2-Fluorophenol
Concen: 105.305 ng
RT: 5.09 min Scan# 545
Delta R.T. -0.01 min
Lab File: BF097151.D
Acq: 28 Jul 2017 13:43

Tgt Ion:112 Resp: 844934

Ion	Ratio	Lower	Upper
112	100		
64	65.7	46.0	69.0
63	33.5	23.4	35.0



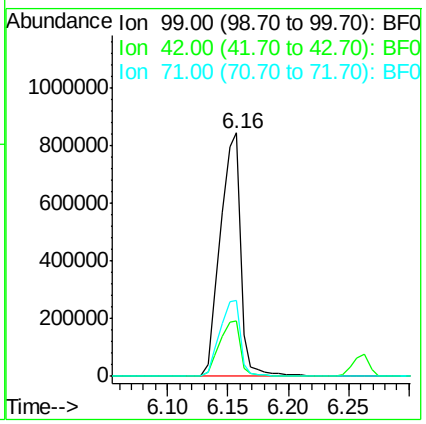


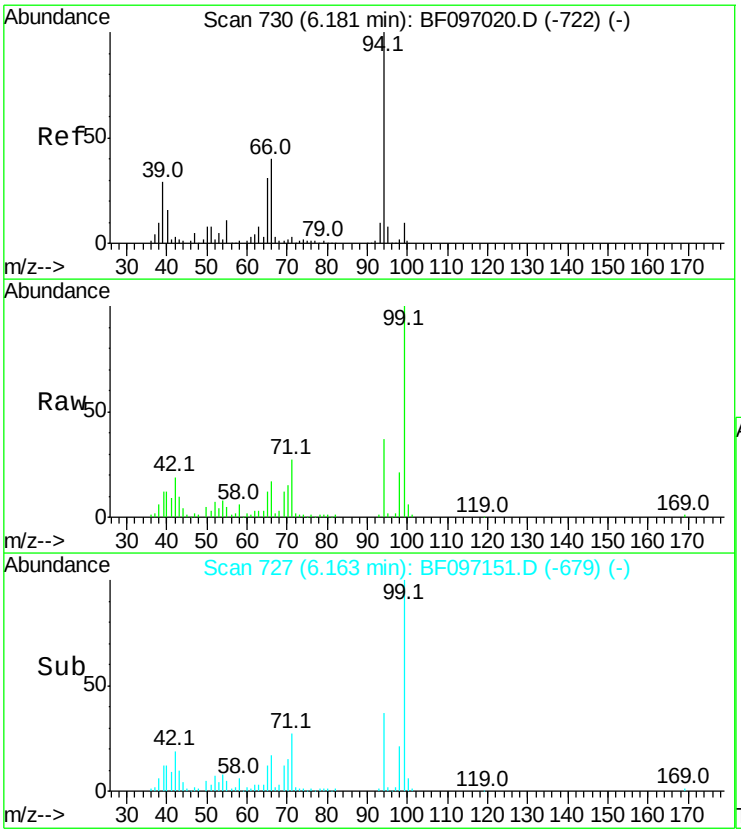
#7
Phenol-d6
Concen: 107.904 ng
RT: 6.16 min Scan# 726
Delta R.T. -0.01 min
Lab File: BF097151.D
Acq: 28 Jul 2017 13:43

Instrument :
BNA_F
ClientSampleId :
T-2B-14.5-15.0-072117

Tgt Ion: 99 Resp: 988400

Ion	Ratio	Lower	Upper
99	100		
42	22.9	13.5	20.3#
71	31.4	24.5	36.7

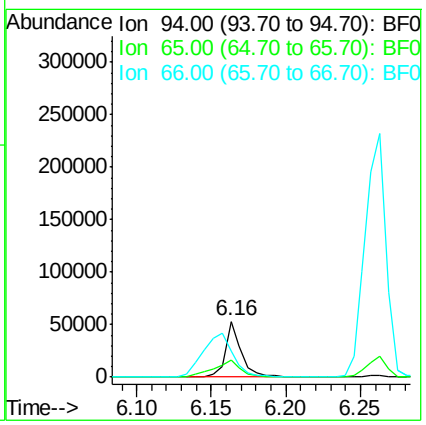


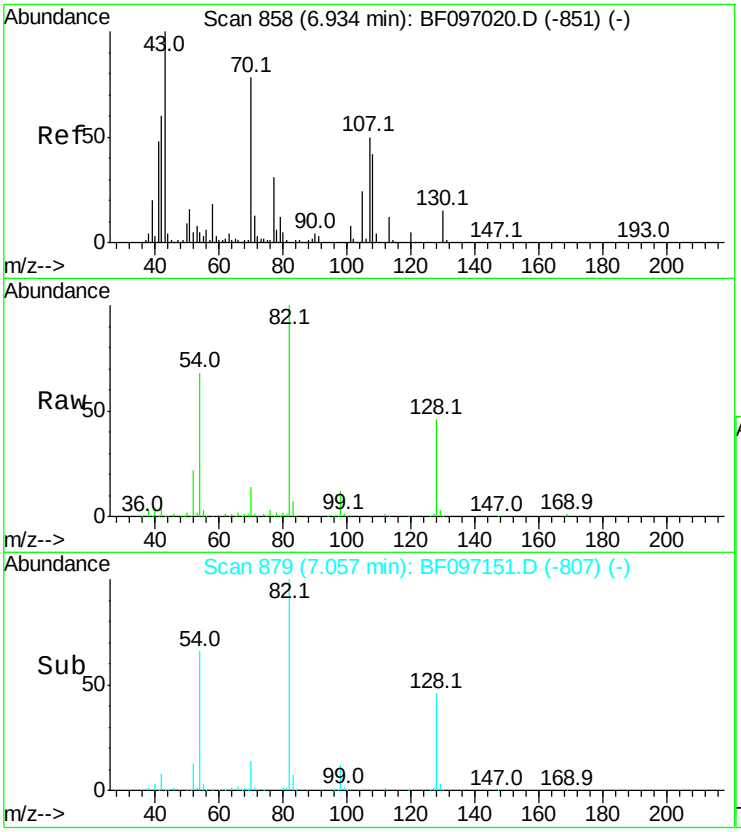


#10
Phenol
Concen: 3.792 ng
RT: 6.16 min Scan# 727
Delta R.T. -0.02 min
Lab File: BF097151.D
Acq: 28 Jul 2017 13:43

Tgt Ion: 94 Resp: 41198

Ion	Ratio	Lower	Upper
94	100		
65	31.5	9.9	49.9
66	47.6	23.1	63.1



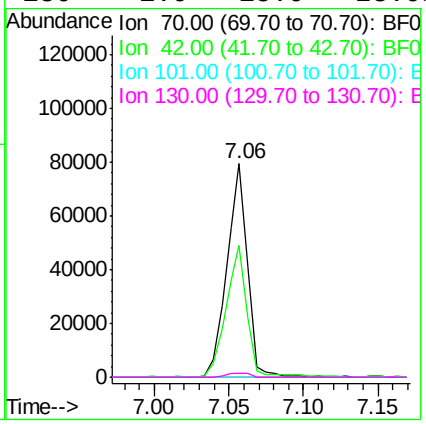


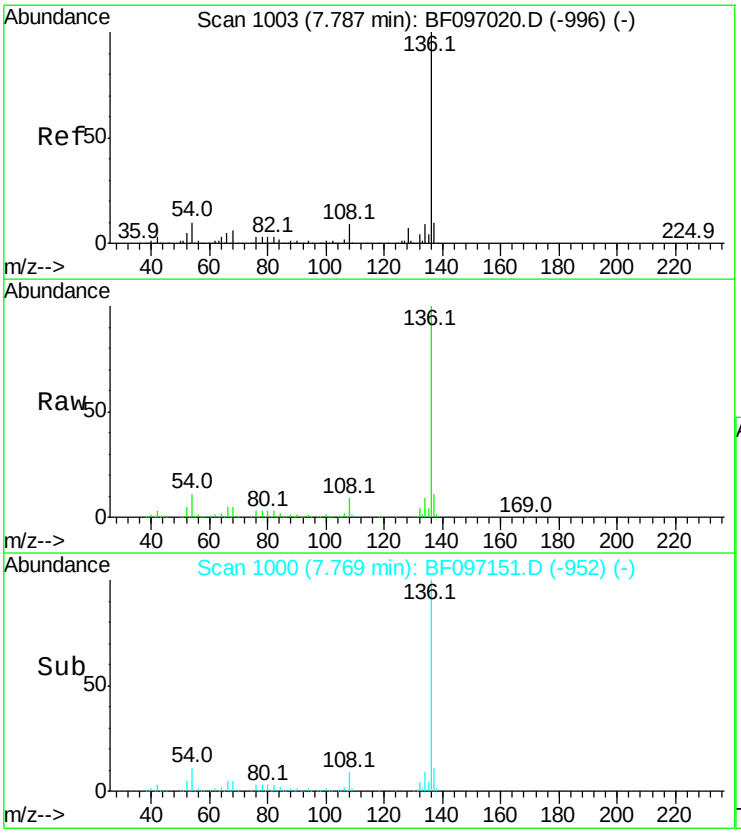
#19
n-Nitroso-di-n-propylamine
Concen: 12.807 ng
RT: 7.06 min Scan# 879
Delta R.T. 0.12 min
Lab File: BF097151.D
Acq: 28 Jul 2017 13:43

Instrument :
BNA_F
ClientSampleId :
T-2B-14.5-15.0-072117

Tgt Ion: 70 Resp: 77219

Ion	Ratio	Lower	Upper
70	100		
42	61.7	47.2	70.8
101	0.0	7.2	10.8#
130	1.9	15.9	23.9#

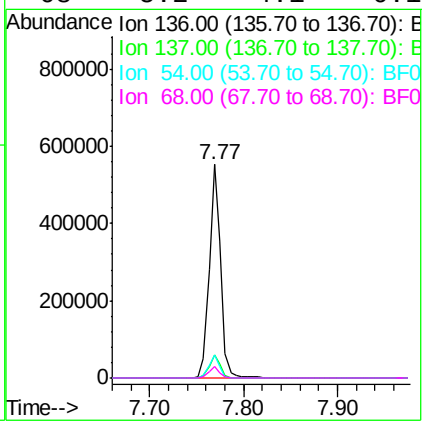


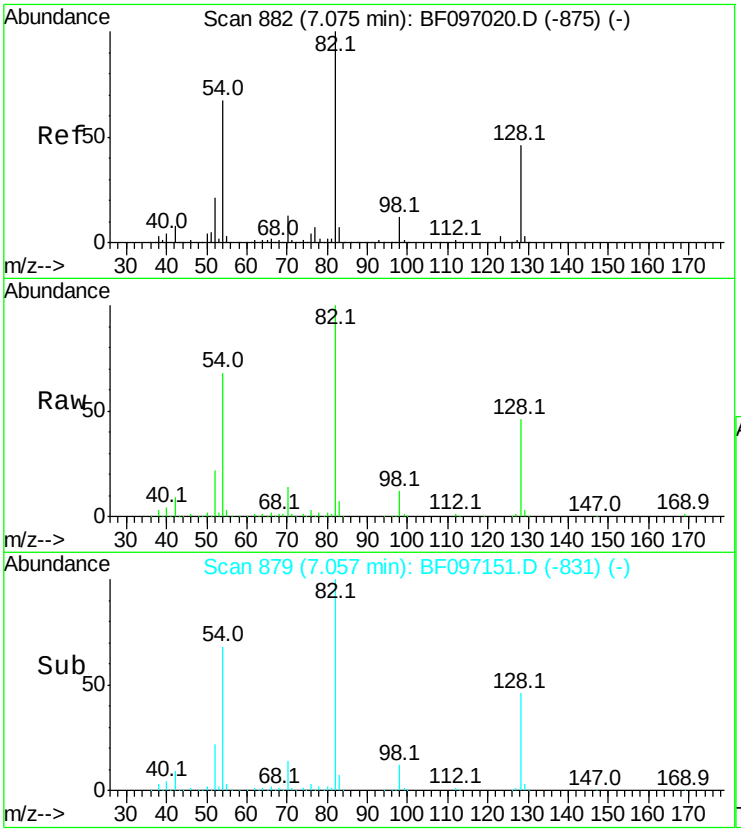


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.77 min Scan# 1000
Delta R.T. -0.02 min
Lab File: BF097151.D
Acq: 28 Jul 2017 13:43

Tgt Ion:136 Resp: 474310

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.5	12.7
54	10.6	4.9	7.3#
68	5.2	4.1	6.1



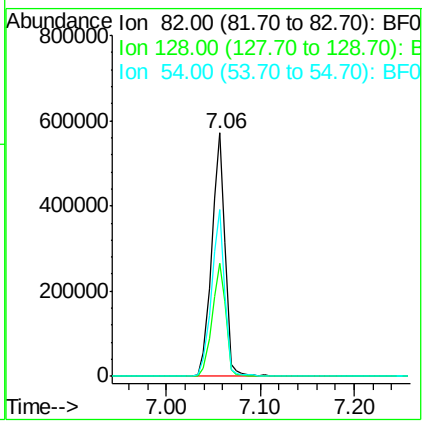


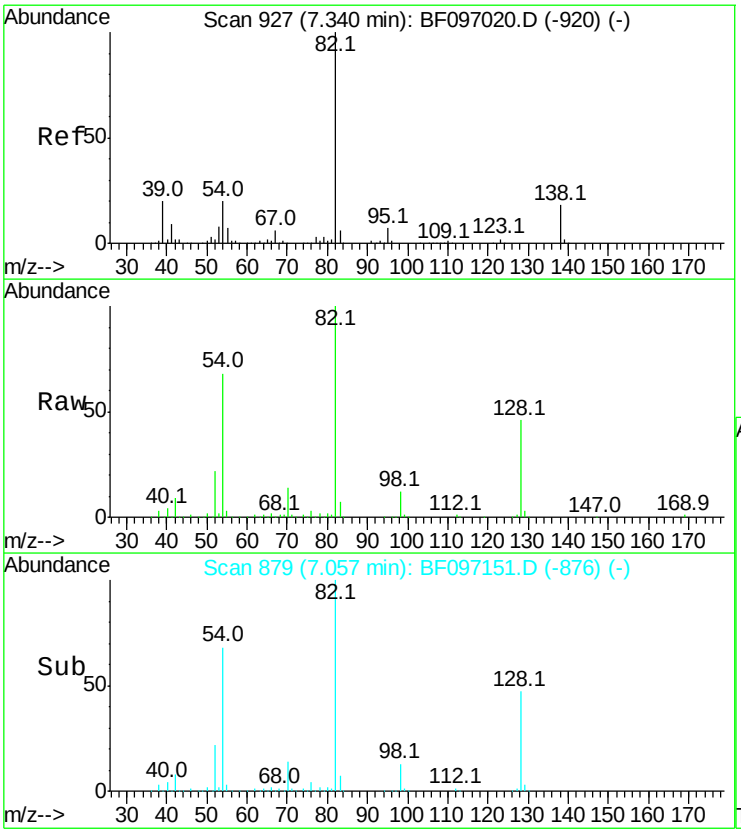
#23
Nitrobenzene-d5
Concen: 71.502 ng
RT: 7.06 min Scan# 879
Delta R.T. -0.02 min
Lab File: BF097151.D
Acq: 28 Jul 2017 13:43

Instrument :
BNA_F
ClientSampleId :
T-2B-14.5-15.0-072117

Tgt Ion: 82 Resp: 578104

Ion	Ratio	Lower	Upper
82	100		
128	46.2	34.0	51.0
54	68.5	42.2	63.2#

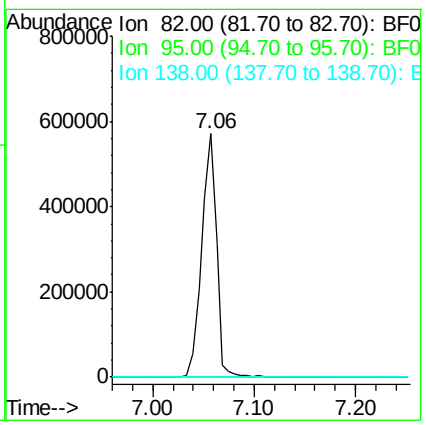


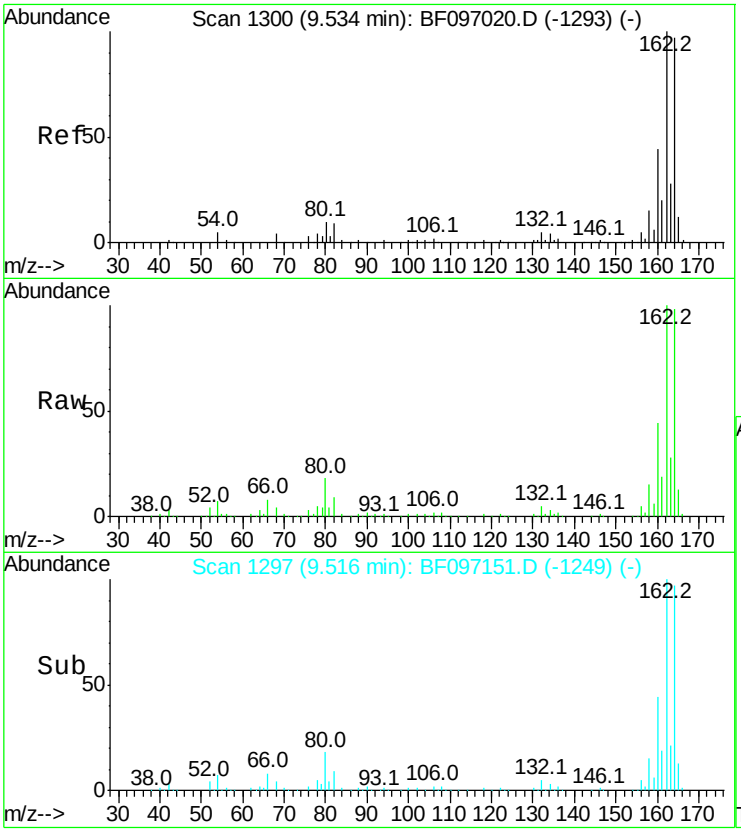


#25
Isophorone
Concen: 36.439 ng
RT: 7.06 min Scan# 879
Delta R.T. -0.28 min
Lab File: BF097151.D
Acq: 28 Jul 2017 13:43

Tgt Ion: 82 Resp: 576971

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



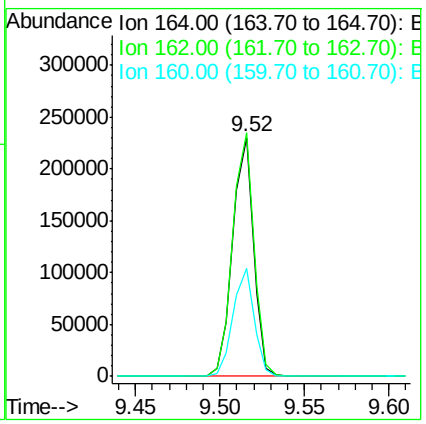


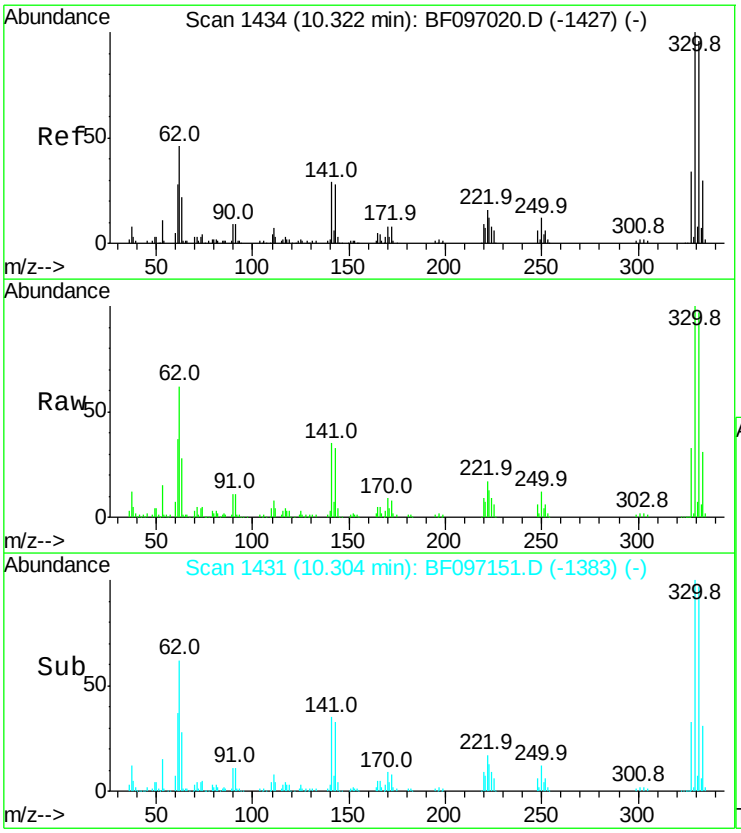
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.52 min Scan# 1297
Delta R.T. -0.02 min
Lab File: BF097151.D
Acq: 28 Jul 2017 13:43

Instrument :
BNA_F
ClientSampleId :
T-2B-14.5-15.0-072117

Tgt Ion:164 Resp: 197876

Ion	Ratio	Lower	Upper
164	100		
162	101.9	82.6	123.8
160	45.2	36.2	54.2

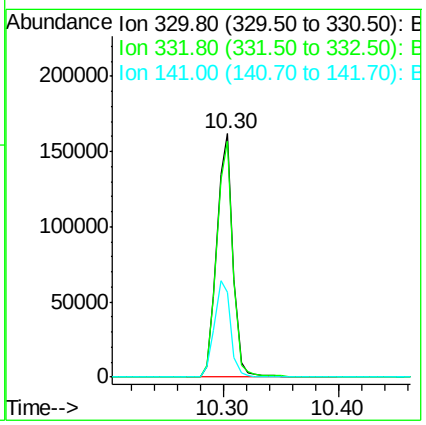


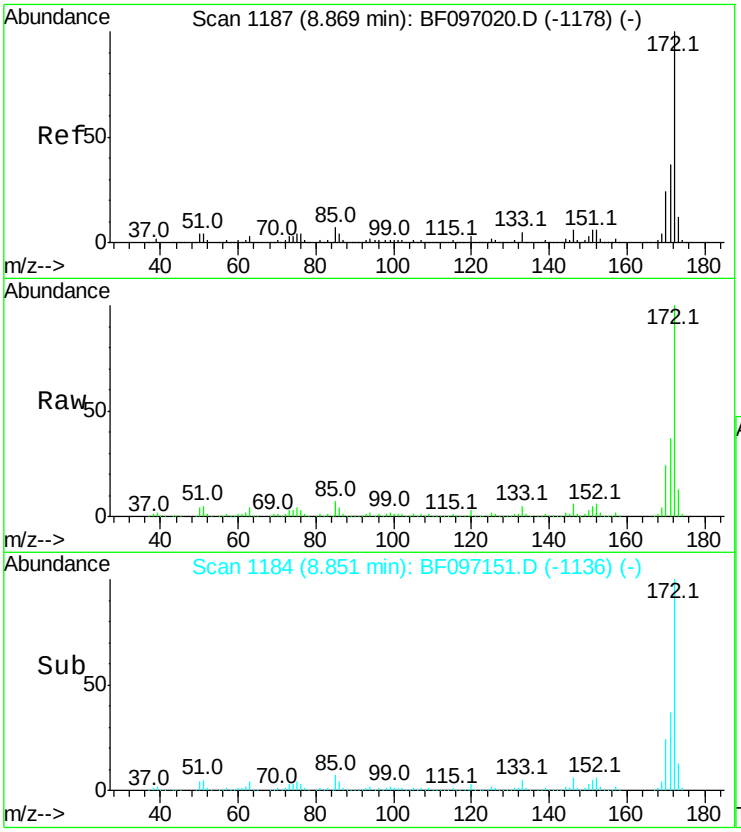


#41
2,4,6-Tribromophenol
Concen: 100.234 ng
RT: 10.30 min Scan# 1431
Delta R.T. -0.02 min
Lab File: BF097151.D
Acq: 28 Jul 2017 13:43

Tgt Ion:330 Resp: 156707

Ion	Ratio	Lower	Upper
330	100		
332	97.2	76.6	115.0
141	40.2	31.4	47.2



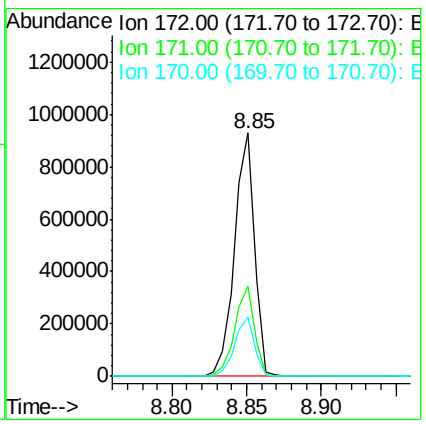


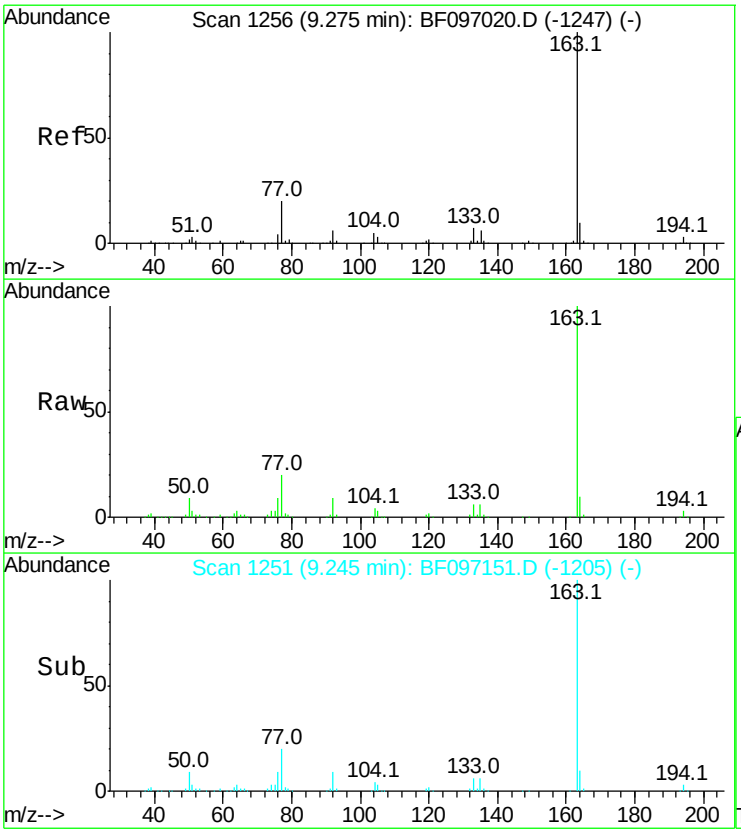
#44
2-Fluorobiphenyl
Concen: 75.582 ng
RT: 8.85 min Scan# 1184
Delta R.T. -0.02 min
Lab File: BF097151.D
Acq: 28 Jul 2017 13:43

Instrument :
BNA_F
ClientSampleId :
T-2B-14.5-15.0-072117

Tgt Ion:172 Resp: 881257

Ion	Ratio	Lower	Upper
172	100		
171	36.8	29.6	44.4
170	24.5	19.8	29.8

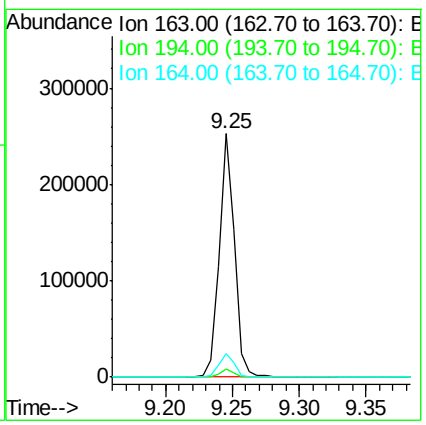


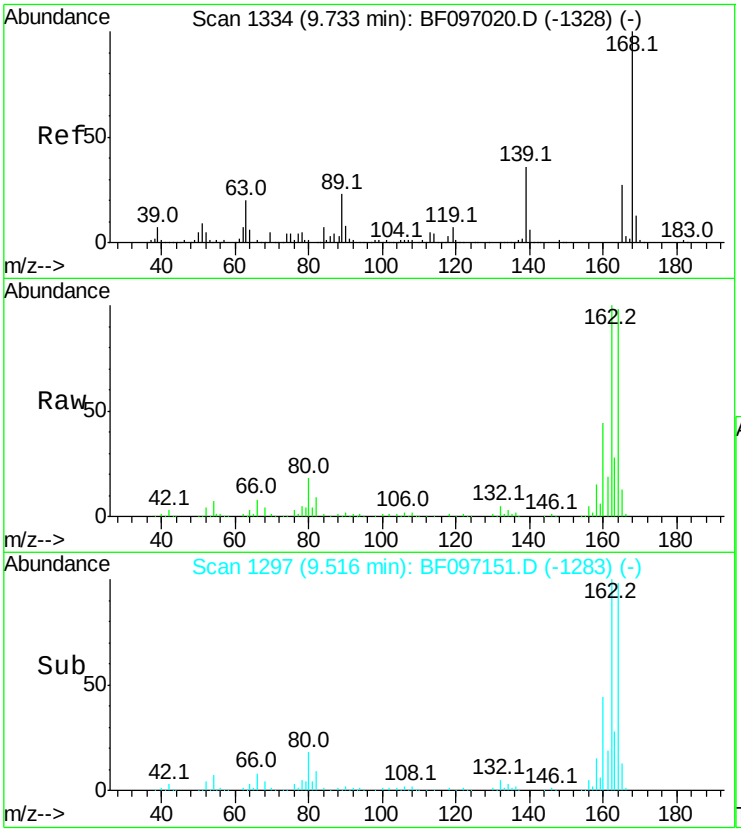


#49
Dimethylphthalate
Concen: 13.533 ng
RT: 9.25 min Scan# 1251
Delta R.T. -0.03 min
Lab File: BF097151.D
Acq: 28 Jul 2017 13:43

Tgt Ion:163 Resp: 203353

Ion	Ratio	Lower	Upper
163	100		
194	3.1	2.6	4.0
164	9.8	8.4	12.6



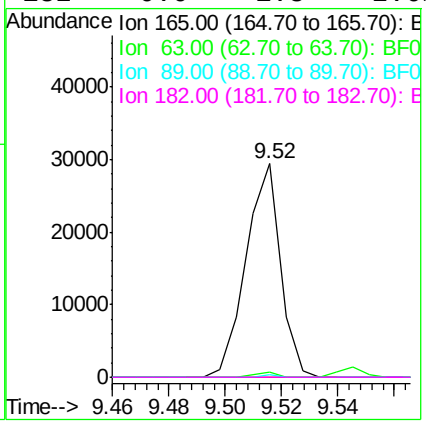


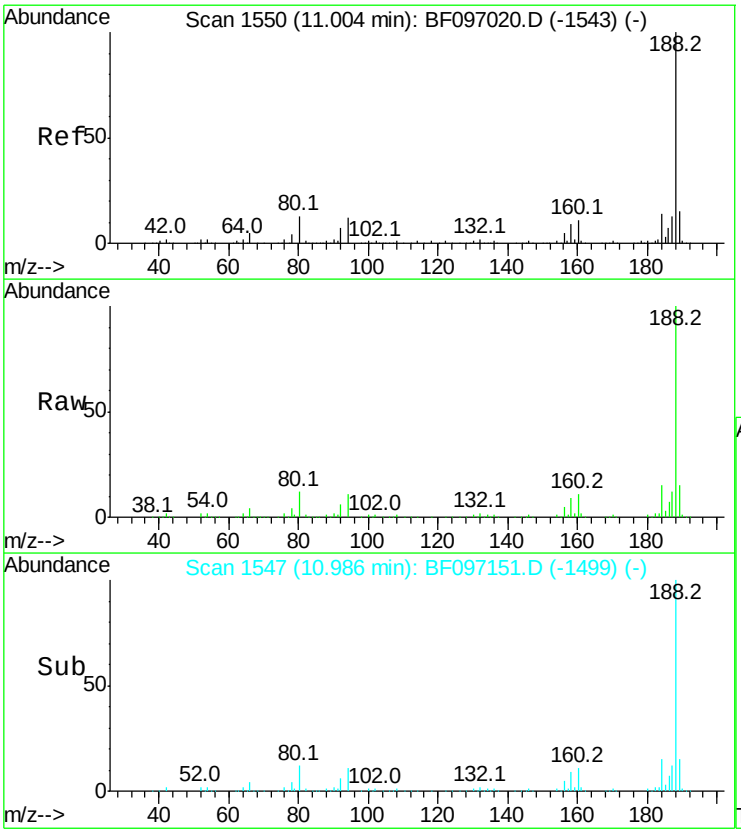
#56
2,4-Dinitrotoluene
Concen: 6.814 ng
RT: 9.52 min Scan# 1297
Delta R.T. -0.22 min
Lab File: BF097151.D
Acq: 28 Jul 2017 13:43

Instrument :
BNA_F
ClientSampleId :
T-2B-14.5-15.0-072117

Tgt Ion:165 Resp: 24963

Ion	Ratio	Lower	Upper
165	100		
63	2.4	25.4	38.0#
89	1.5	46.4	69.6#
182	0.0	1.8	2.6#

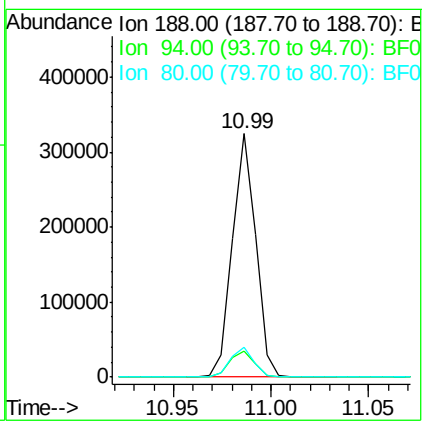


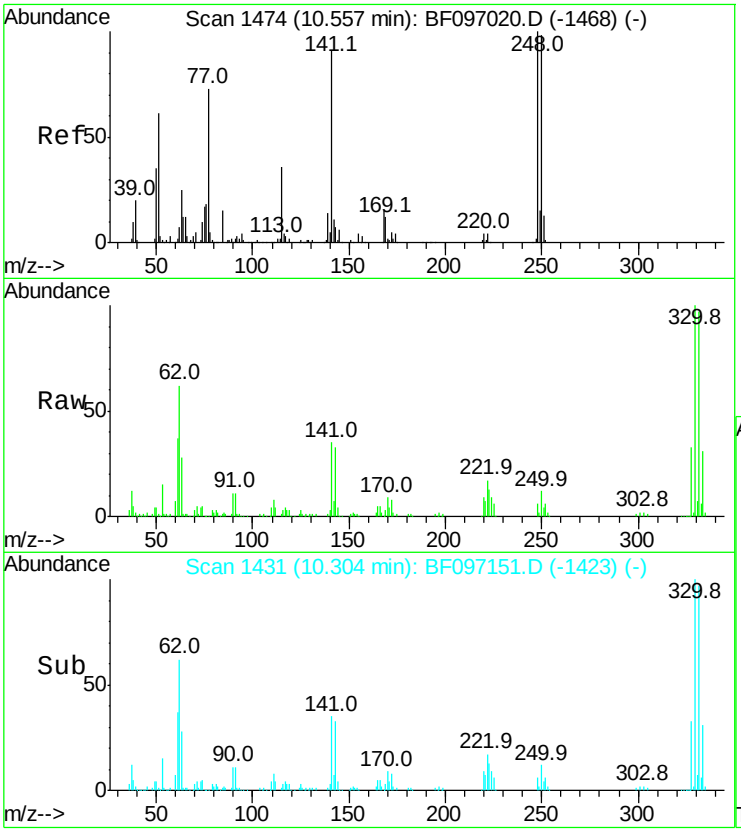


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 10.99 min Scan# 1547
Delta R.T. -0.02 min
Lab File: BF097151.D
Acq: 28 Jul 2017 13:43

Tgt Ion:188 Resp: 270848

Ion	Ratio	Lower	Upper
188	100		
94	10.7	9.4	14.2
80	12.4	10.2	15.2



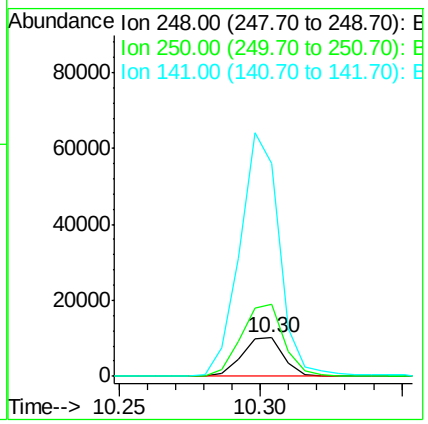


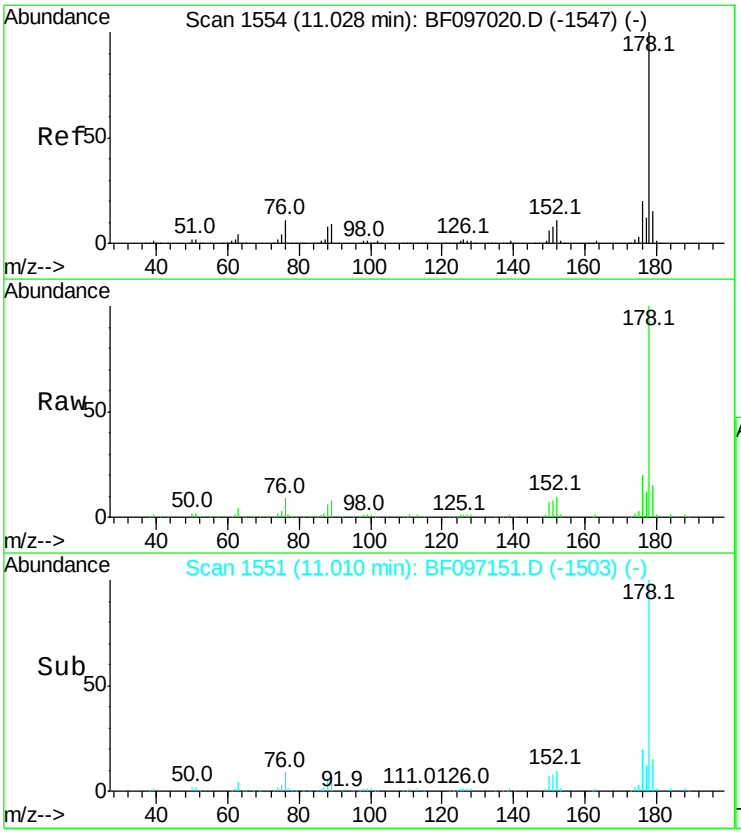
#66
4-Bromophenyl-phenylether
Concen: 3.810 ng
RT: 10.30 min Scan# 1431
Delta R.T. -0.25 min
Lab File: BF097151.D
Acq: 28 Jul 2017 13:43

Instrument :
BNA_F
ClientSampleId :
T-2B-14.5-15.0-072117

Tgt Ion:248 Resp: 10298

Ion	Ratio	Lower	Upper
248	100		
250	187.6	76.8	115.2#
141	551.2	68.6	103.0#

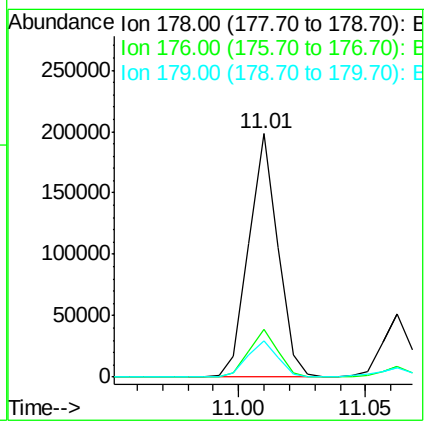


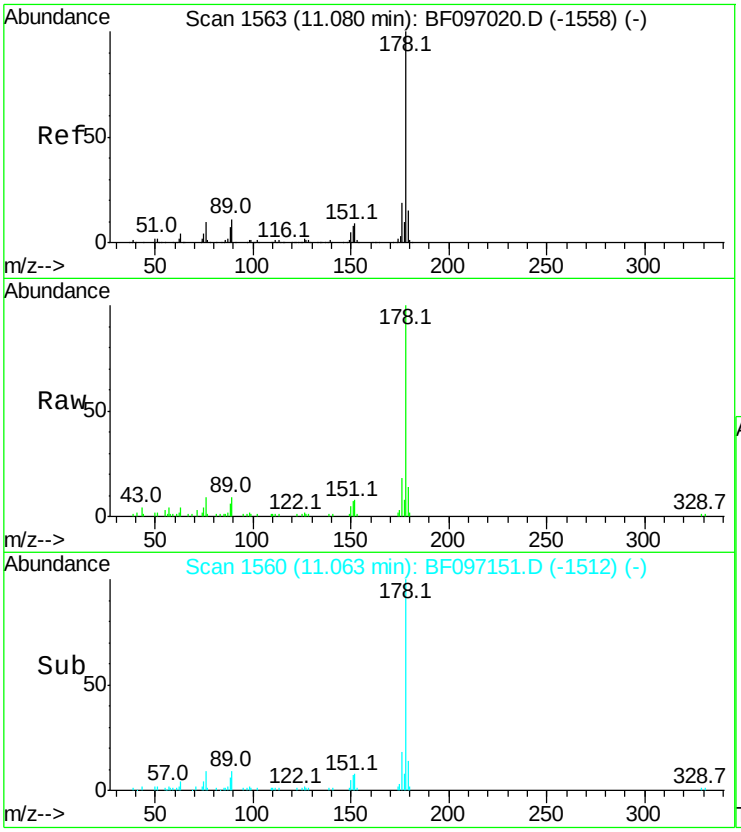


#70
Phenanthrene
Concen: 11.028 ng
RT: 11.01 min Scan# 1551
Delta R.T. -0.02 min
Lab File: BF097151.D
Acq: 28 Jul 2017 13:43

Tgt Ion:178 Resp: 160035

Ion	Ratio	Lower	Upper
178	100		
176	19.7	16.2	24.4
179	14.9	12.6	19.0



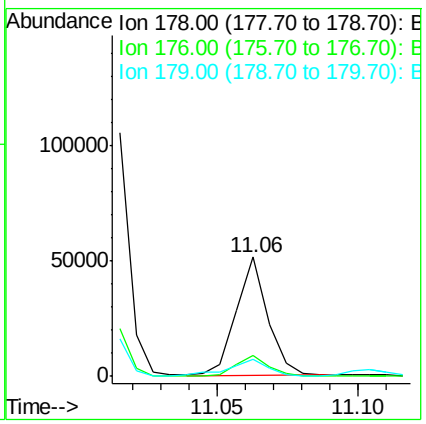


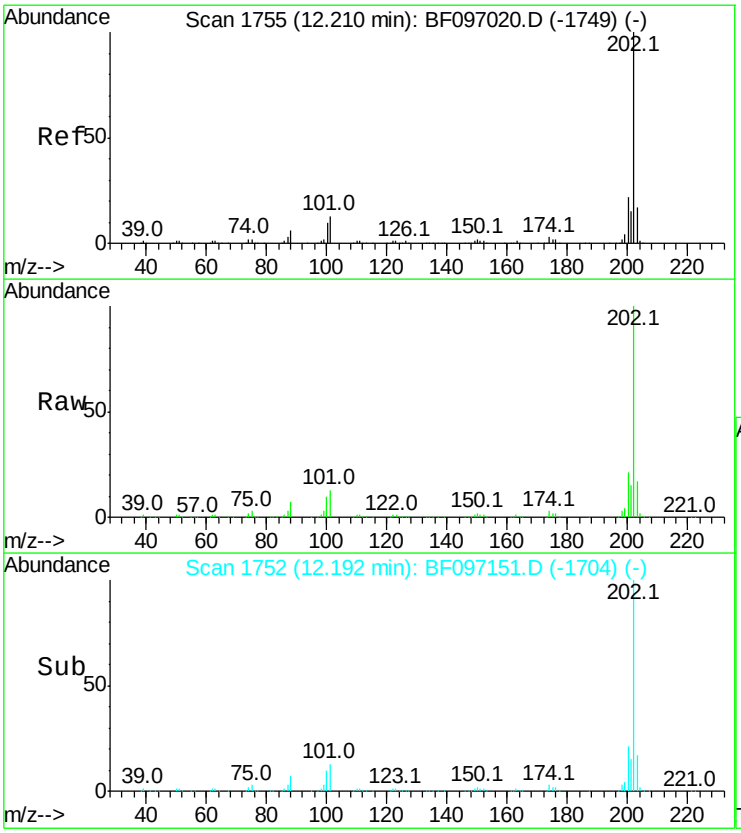
#71
Anthracene
Concen: 2.667 ng
RT: 11.06 min Scan# 1560
Delta R.T. -0.02 min
Lab File: BF097151.D
Acq: 28 Jul 2017 13:43

Instrument :
BNA_F
ClientSampleId :
T-2B-14.5-15.0-072117

Tgt Ion:178 Resp: 39640

Ion	Ratio	Lower	Upper
178	100		
176	17.7	15.8	23.8
179	14.1	12.7	19.1

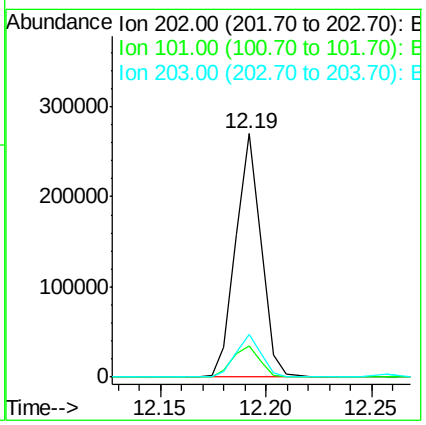


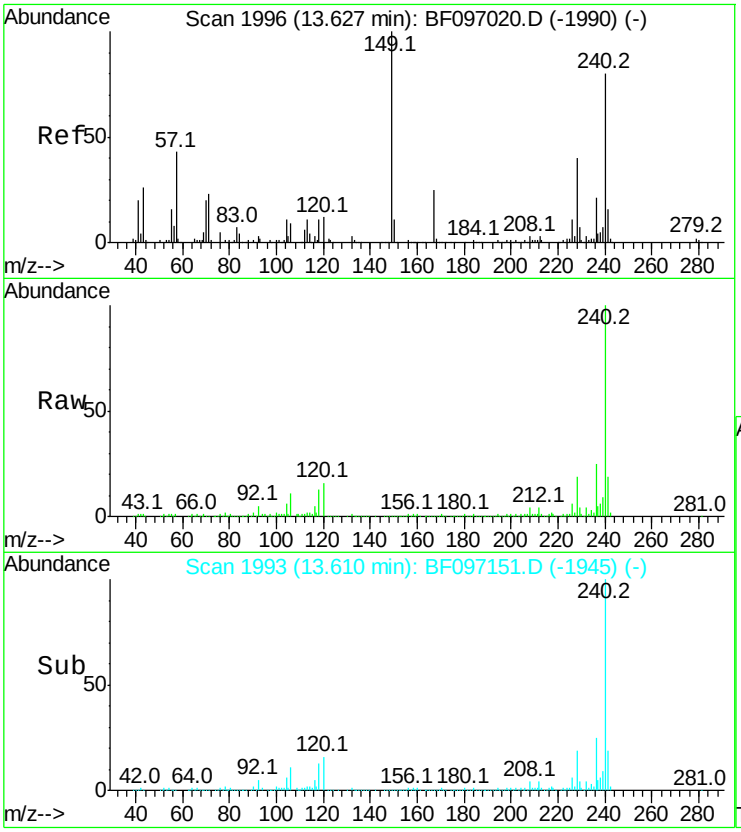


#74
Fluoranthene
Concen: 15.756 ng
RT: 12.19 min Scan# 1752
Delta R.T. -0.02 min
Lab File: BF097151.D
Acq: 28 Jul 2017 13:43

Tgt Ion:202 Resp: 224003

Ion	Ratio	Lower	Upper
202	100		
101	13.0	0.0	33.2
203	17.4	0.0	38.1



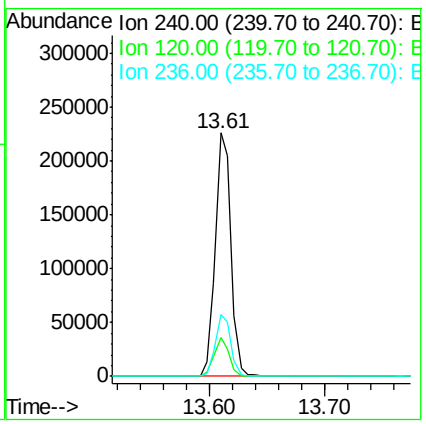


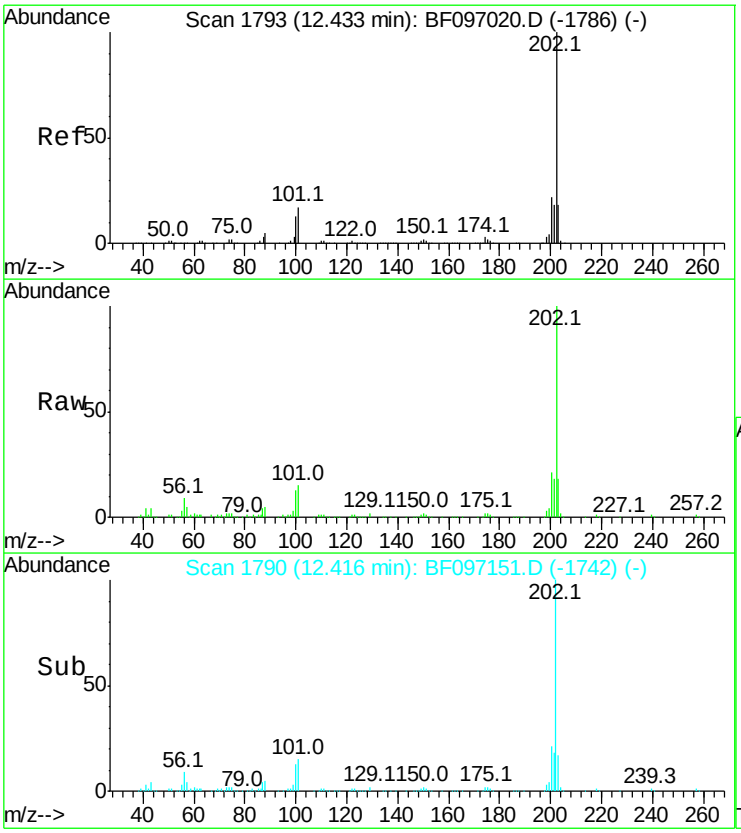
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.61 min Scan# 1993
Delta R.T. -0.02 min
Lab File: BF097151.D
Acq: 28 Jul 2017 13:43

Instrument :
BNA_F
ClientSampleId :
T-2B-14.5-15.0-072117

Tgt Ion:240 Resp: 211817

Ion	Ratio	Lower	Upper
240	100		
120	15.9	5.8	8.8#
236	25.3	20.5	30.7

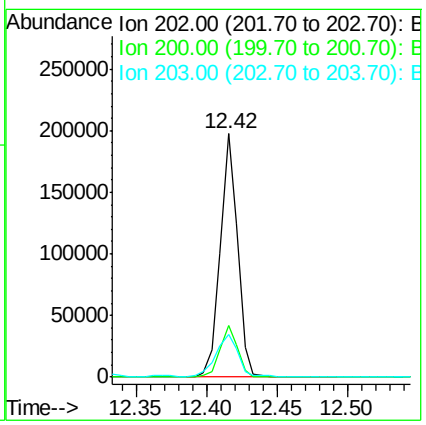


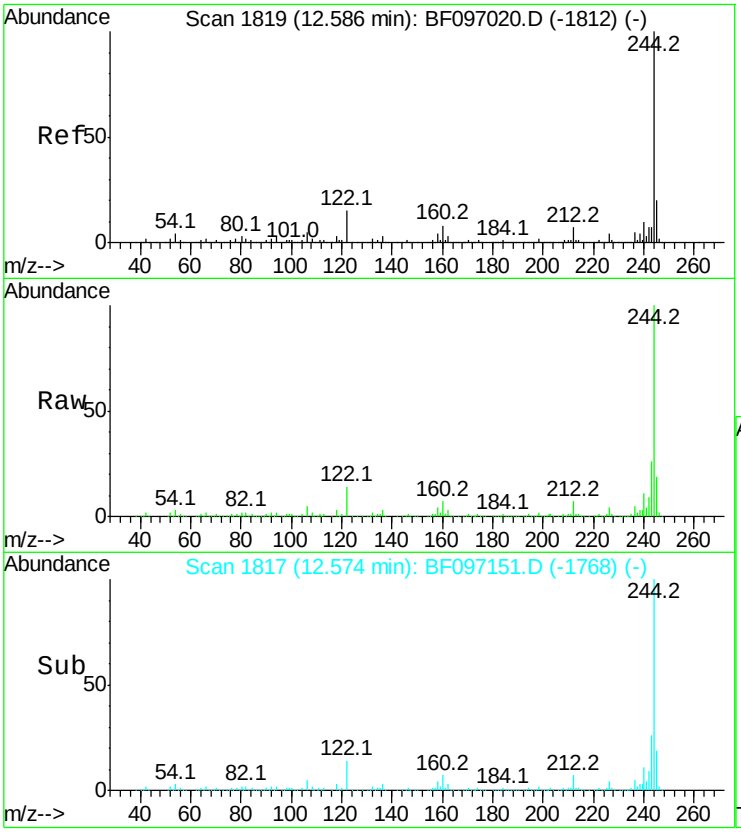


#77
Pyrene
Concen: 9.755 ng
RT: 12.42 min Scan# 1790
Delta R.T. -0.02 min
Lab File: BF097151.D
Acq: 28 Jul 2017 13:43

Tgt Ion:202 Resp: 169151

Ion	Ratio	Lower	Upper
202	100		
200	21.4	17.6	26.4
203	17.6	14.4	21.6



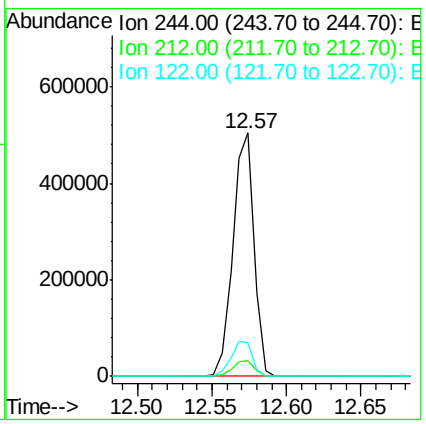


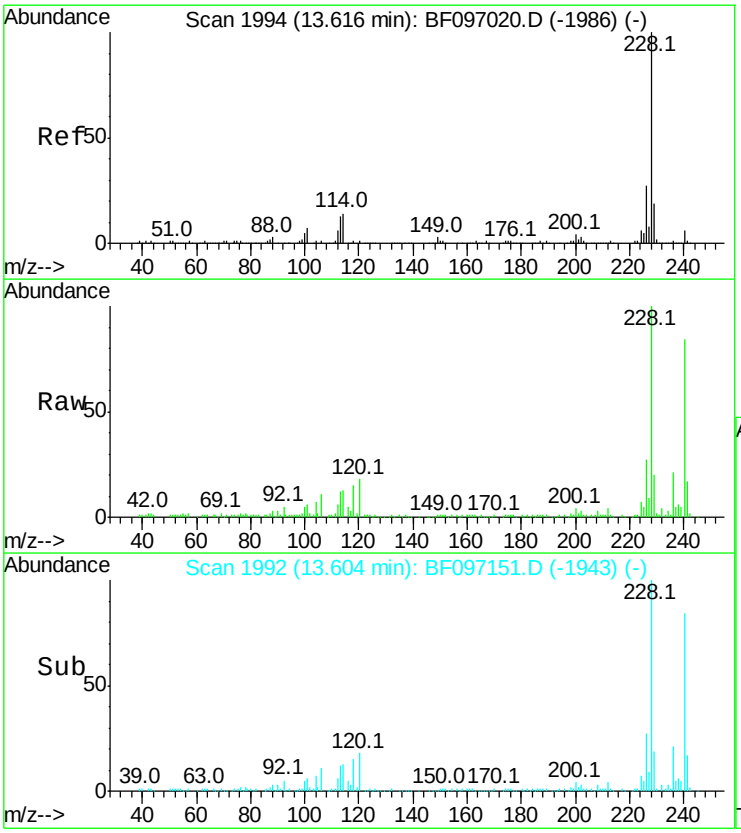
#78
Terphenyl-d14
Concen: 48.103 ng
RT: 12.57 min Scan# 1817
Delta R.T. -0.01 min
Lab File: BF097151.D
Acq: 28 Jul 2017 13:43

Instrument :
BNA_F
ClientSampleId :
T-2B-14.5-15.0-072117

Tgt Ion:244 Resp: 499742

Ion	Ratio	Lower	Upper
244	100		
212	6.5	6.0	9.0
122	13.7	10.3	15.5

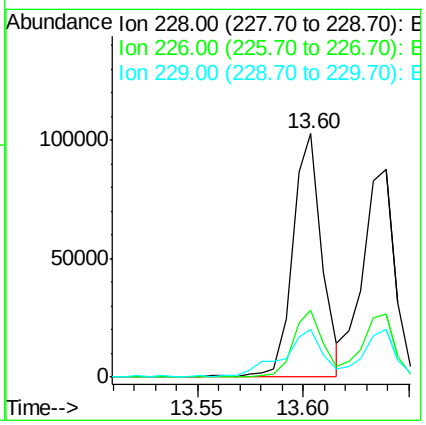


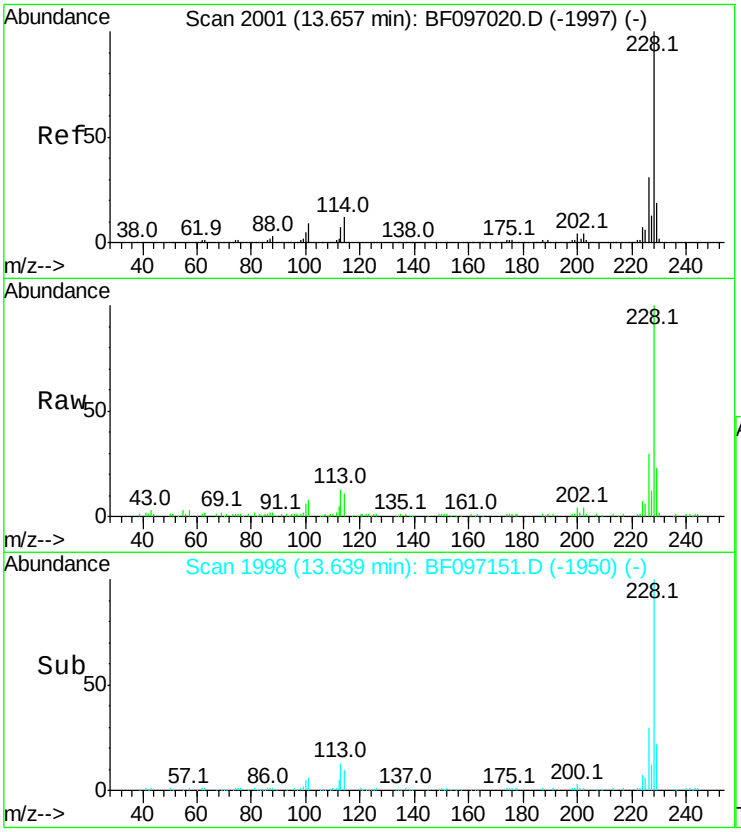


#80
Benzo(a)anthracene
Concen: 7.199 ng
RT: 13.60 min Scan# 1992
Delta R.T. -0.01 min
Lab File: BF097151.D
Acq: 28 Jul 2017 13:43

Tgt Ion:228 Resp: 98663

Ion	Ratio	Lower	Upper
228	100		
226	27.3	22.6	33.8
229	19.6	16.3	24.5



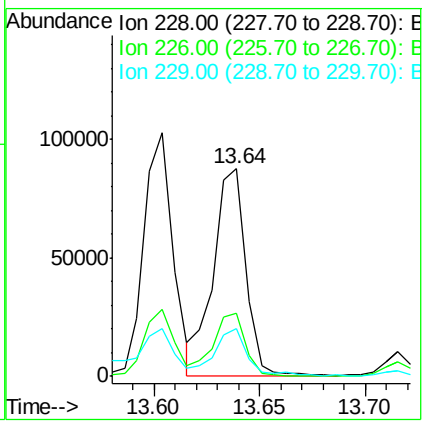


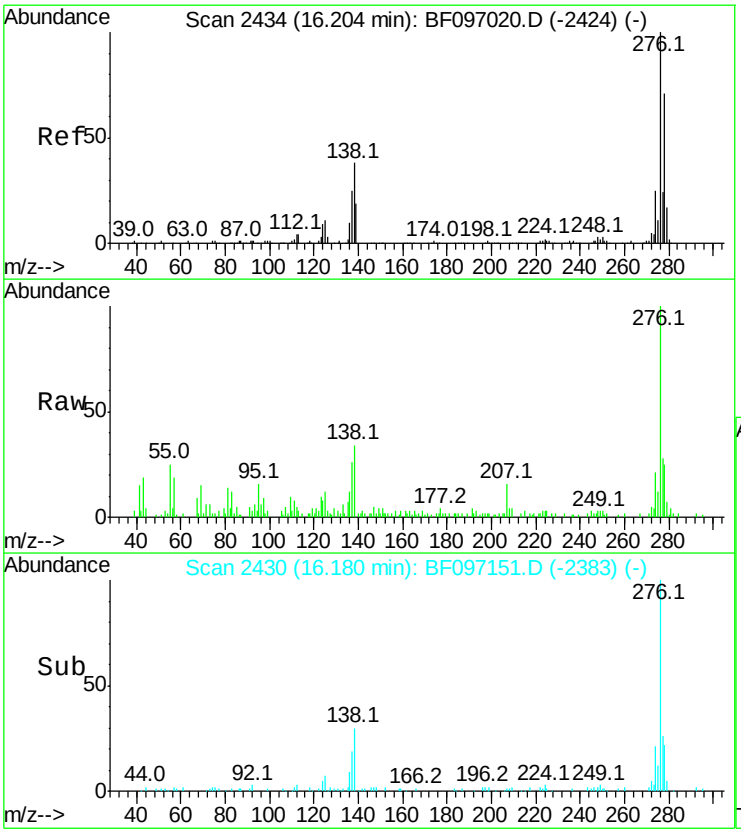
#82
Chrysene
Concen: 7.063 ng
RT: 13.64 min Scan# 1998
Delta R.T. -0.02 min
Lab File: BF097151.D
Acq: 28 Jul 2017 13:43

Instrument :
BNA_F
ClientSampleId :
T-2B-14.5-15.0-072117

Tgt Ion:228 Resp: 94520

Ion	Ratio	Lower	Upper
228	100		
226	30.1	24.9	37.3
229	22.8	15.8	23.6

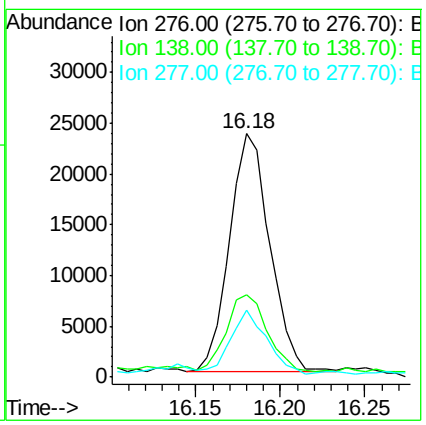


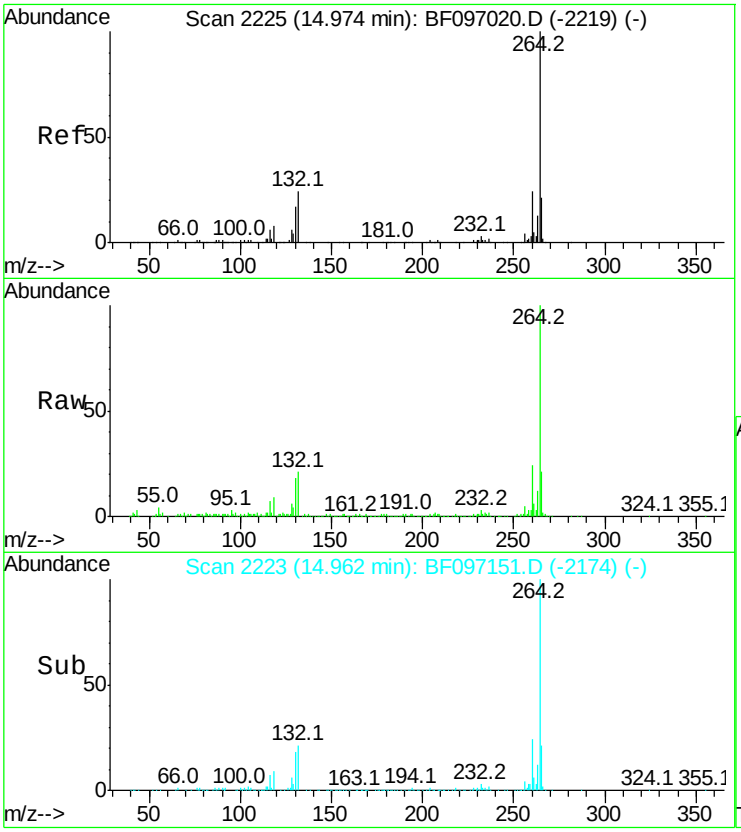


#85
Indeno(1,2,3-cd)pyrene
Concen: 3.373 ng
RT: 16.18 min Scan# 2430
Delta R.T. -0.02 min
Lab File: BF097151.D
Acq: 28 Jul 2017 13:43

Tgt Ion:276 Resp: 38709

Ion	Ratio	Lower	Upper
276	100		
138	35.4	27.8	41.6
277	24.5	20.2	30.4



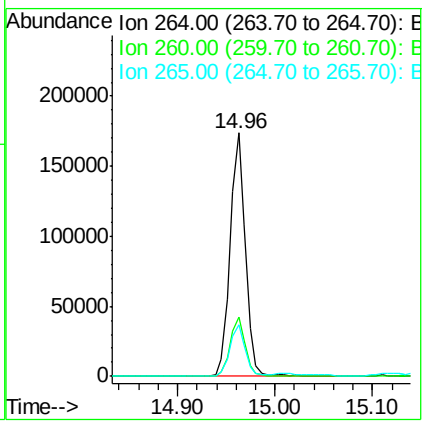


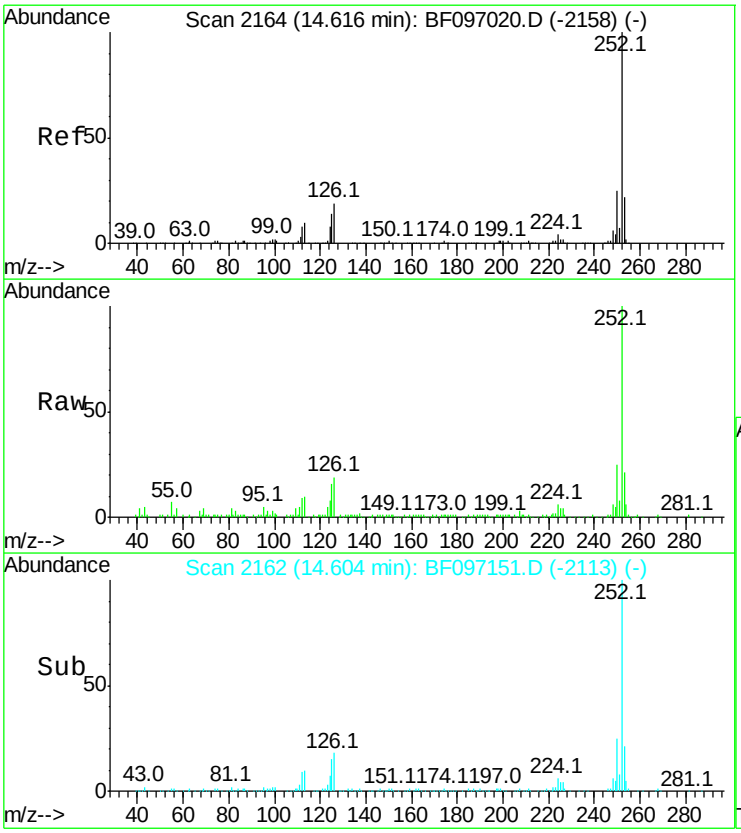
#86
Perylene-d12
Concen: 20.000 ng
RT: 14.96 min Scan# 2223
Delta R.T. -0.01 min
Lab File: BF097151.D
Acq: 28 Jul 2017 13:43

Instrument :
BNA_F
ClientSampleId :
T-2B-14.5-15.0-072117

Tgt Ion:264 Resp: 189280

Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.5	29.3
265	21.4	17.2	25.8

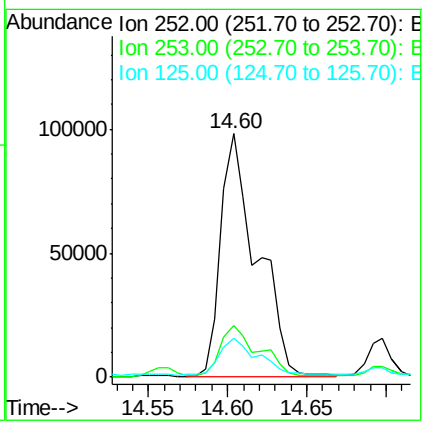


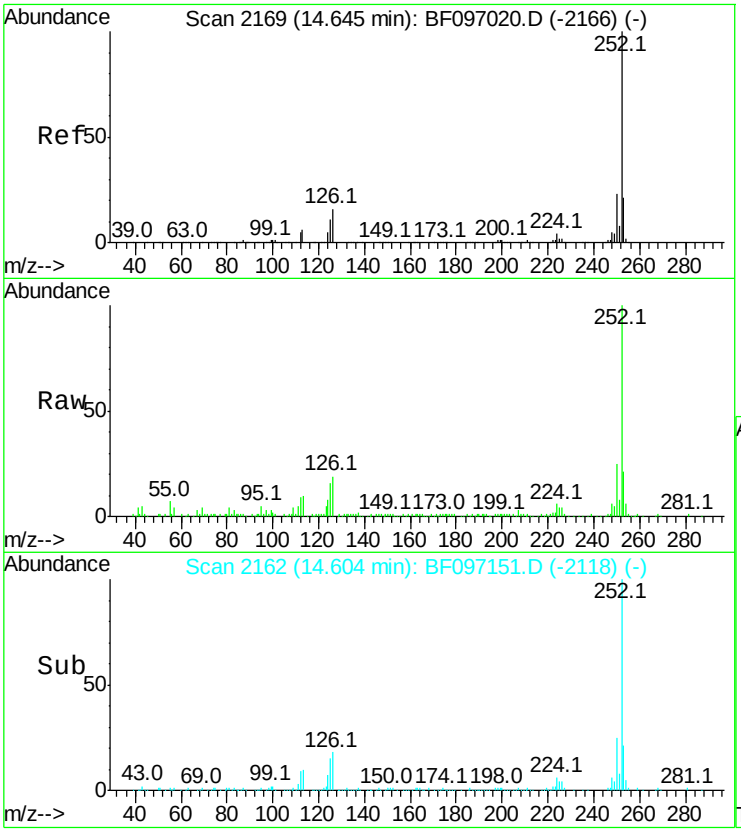


#87
Benzo(b)fluoranthene
Concen: 13.833 ng
RT: 14.60 min Scan# 2162
Delta R.T. -0.01 min
Lab File: BF097151.D
Acq: 28 Jul 2017 13:43

Tgt Ion:252 Resp: 157398

Ion	Ratio	Lower	Upper
252	100		
253	21.4	18.1	27.1
125	16.0	9.8	14.8#



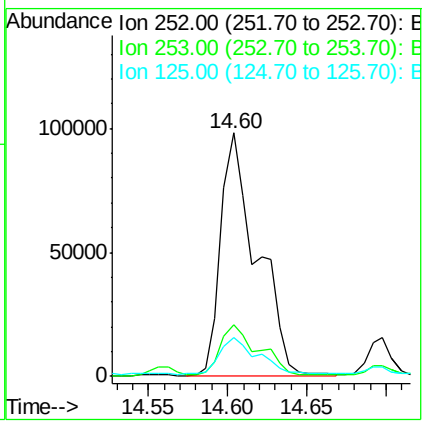


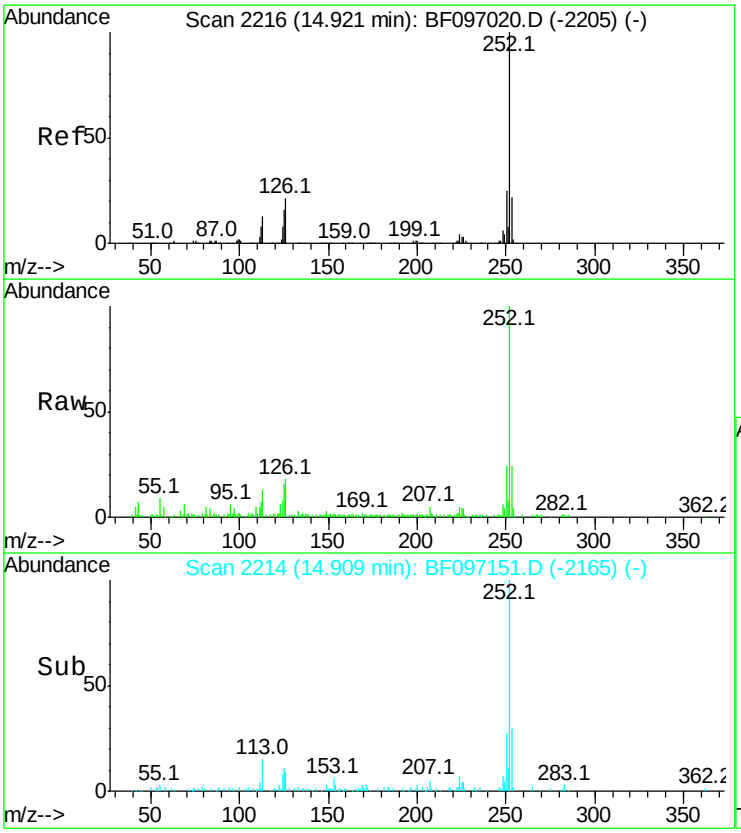
#88
Benzo(k)fluoranthene
Concen: 14.517 ng
RT: 14.60 min Scan# 2162
Delta R.T. -0.04 min
Lab File: BF097151.D
Acq: 28 Jul 2017 13:43

Instrument :
BNA_F
ClientSampleId :
T-2B-14.5-15.0-072117

Tgt Ion:252 Resp: 157398

Ion	Ratio	Lower	Upper
252	100		
253	21.4	18.4	27.6
125	16.0	13.1	19.7

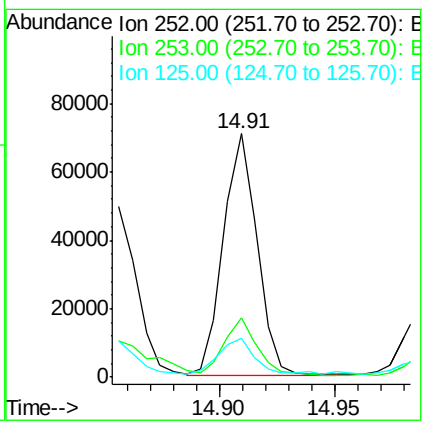


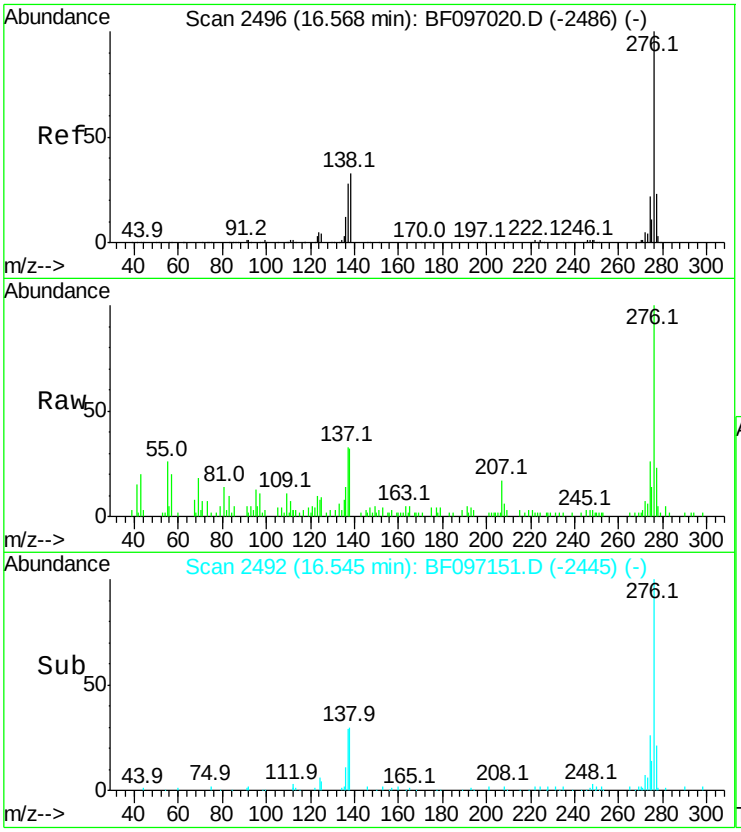


#89
Benzo(a)pyrene
Concen: 6.978 ng
RT: 14.91 min Scan# 2214
Delta R.T. -0.01 min
Lab File: BF097151.D
Acq: 28 Jul 2017 13:43

Tgt Ion:252 Resp: 72669

Ion	Ratio	Lower	Upper
252	100		
253	24.1	17.5	26.3
125	15.9	11.0	16.4





#91
Benzo(g,h,i)perylene
Concen: 4.060 ng
RT: 16.54 min Scan# 2492
Delta R.T. -0.02 min
Lab File: BF097151.D
Acq: 28 Jul 2017 13:43

Instrument :
BNA_F
ClientSampleId :
T-2B-14.5-15.0-072117

Tgt Ion:276 Resp: 36354

Ion	Ratio	Lower	Upper
276	100		
277	23.3	18.6	28.0
138	32.2	25.4	38.0