Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081717\
Data File : BF097810.D
Acq On : 18 Aug 2017 2:34
Operator : SJ/JU
Sample : I4774-02
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HY-SB441

Quant Time: Aug 18 03:08:09 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 15 13:25:08 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	126076	20.00	ng		-0.01
21) Naphthalene-d8	8.06	136	433172	20.00	ng		-0.01
38) Acenaphthene-d10	9.81	164	150245	20.00	ng		-0.01
63) Phenanthrene-d10	11.30	188	260631	20.00	ng		0.00
75) Chrysene-d12	13.93	240	273495	20.00	ng		-0.01
86) Perylene-d12	15.36	264	189219	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.39	112	991923	119.67	ng		0.00
7) Phenol-d6	6.41	99	1321964	117.38	ng		0.00
23) Nitrobenzene-d5	7.34	82	777272	97.48	ng		-0.01
41) 2,4,6-Tribromophenol	10.60	330	148083	113.59	ng		-0.01
44) 2-Fluorobiphenyl	9.14	172	979462	95.78	ng		0.00
78) Terphenyl-d14	12.89	244	800457	61.03	ng		0.00
Target Compounds							Qvalue
10) Phenol	6.42	94	37727	2.86	ng		90
19) n-Nitroso-di-n-propylamine	7.34	70	106362	13.80	ng	#	73
25) Isophorone	7.34	82	777263	46.88	ng	#	67
31) Naphthalene	8.08	128	200188	8.90	ng		99
32) Benzoic acid	7.75	122	260	6.45	ng	#	77
33) 4-Chloroaniline	8.08	127	27041	2.85	ng	#	35
37) 2-Methylnaphthalene	8.77	142	88084	6.39	ng		96
48) Acenaphthylene	9.67	152	51076	3.21	ng		98
49) Dimethylphthalate	9.53	163	155270	14.14	ng		100
64) 4,6-Dinitro-2-methylphenol	10.60	198	419	8.60	ng	#	1
70) Phenanthrene	11.32	178	52728	3.80	ng		98
71) Anthracene	11.37	178	36311	2.58	ng		97
74) Fluoranthene	12.50	202	47993	3.31	ng		94
77) Pyrene	12.73	202	113499	5.07	ng		96
80) Benzo(a)anthracene	13.96	228	58072	3.54	ng		92
82) Chrysene	13.96	228	58072	3.56	ng	#	95
85) Indeno(1,2,3-cd)pyrene	16.75	276	33715	2.81	ng	#	92
87) Benzo(b)fluoranthene	14.95	252	70528	5.91	ng	#	90
88) Benzo(k)fluoranthene	14.95	252	70528	6.29	ng	#	94
89) Benzo(a)pyrene	15.30	252	67593	6.40	ng	#	93
91) Benzo(g,h,i)perylene	17.17	276	56232	6.27	ng	#	91

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

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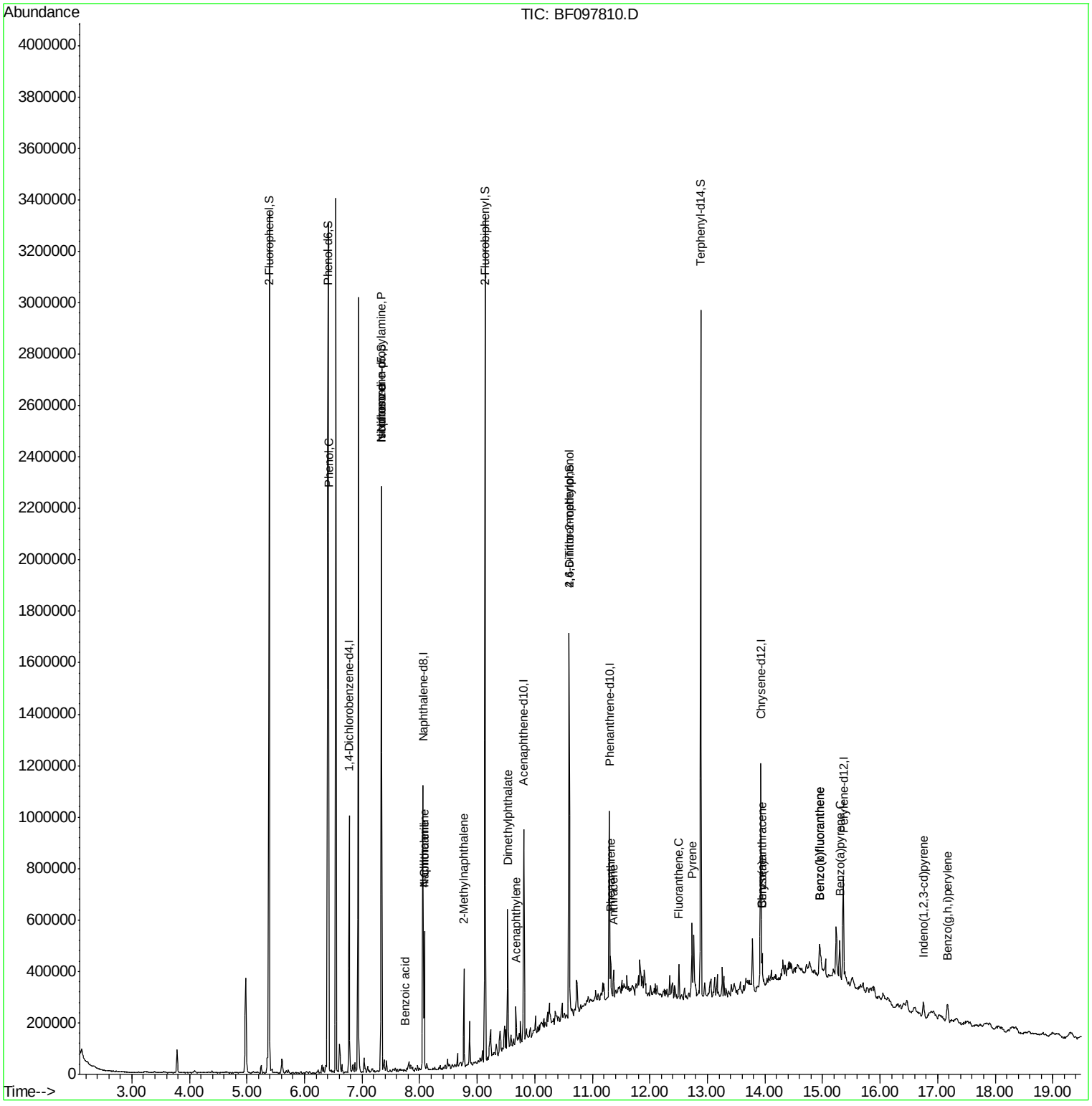
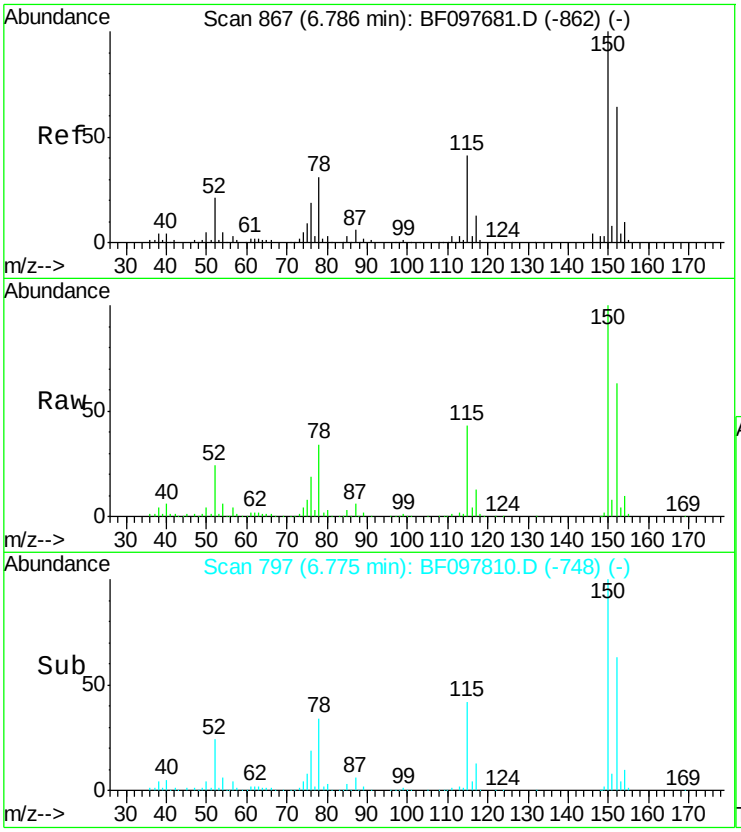


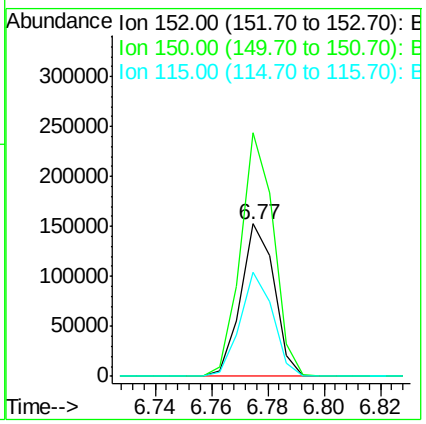


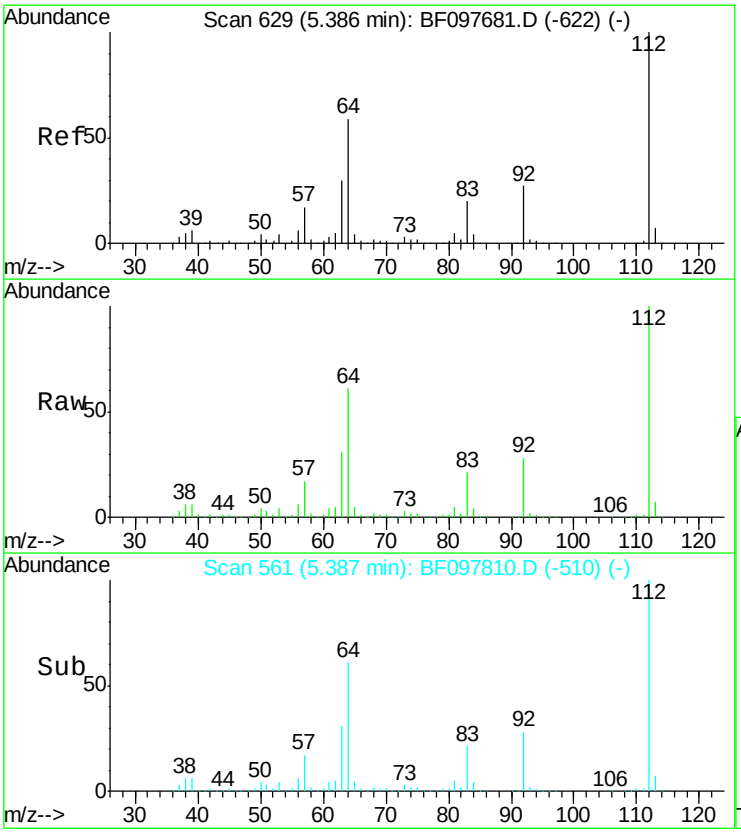
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.77 min Scan# 797
Delta R.T. -0.01 min
Lab File: BF097810.D
Acq: 18 Aug 2017 2:34

Instrument :
BNA_F
ClientSampleId :
HY-SB441

Tgt Ion:152 Resp: 126076

Ion	Ratio	Lower	Upper
152	100		
150	159.7	126.2	189.2
115	68.1	52.2	78.2

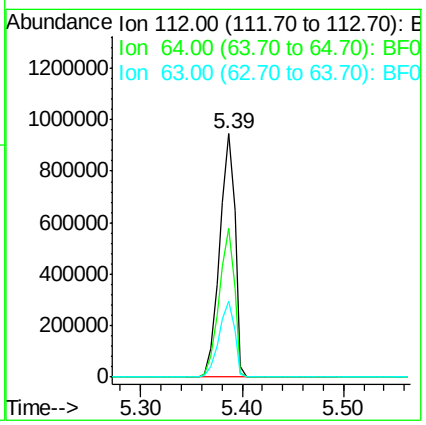


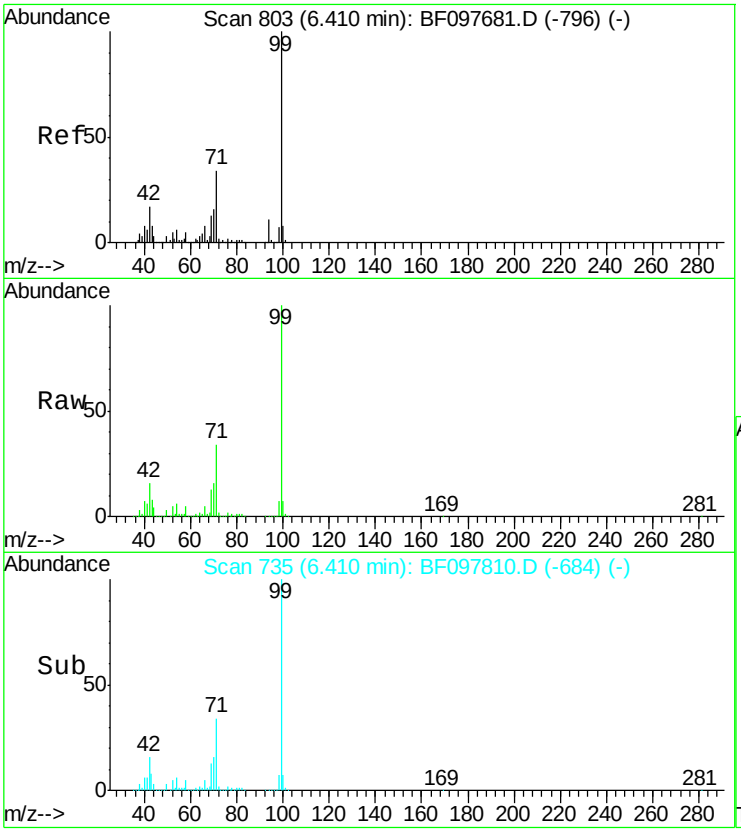


#5
2-Fluorophenol
Concen: 119.67 ng
RT: 5.39 min Scan# 561
Delta R.T. 0.00 min
Lab File: BF097810.D
Acq: 18 Aug 2017 2:34

Tgt Ion:112 Resp: 991923

Ion	Ratio	Lower	Upper
112	100		
64	61.2	46.0	69.0
63	31.1	23.4	35.0



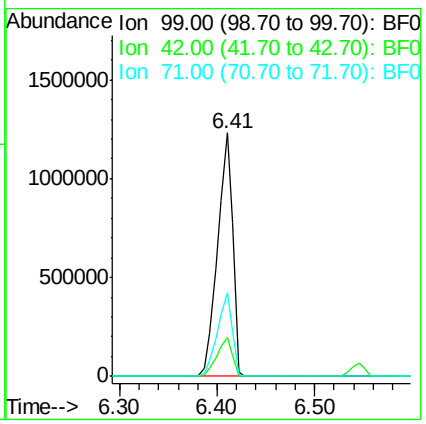


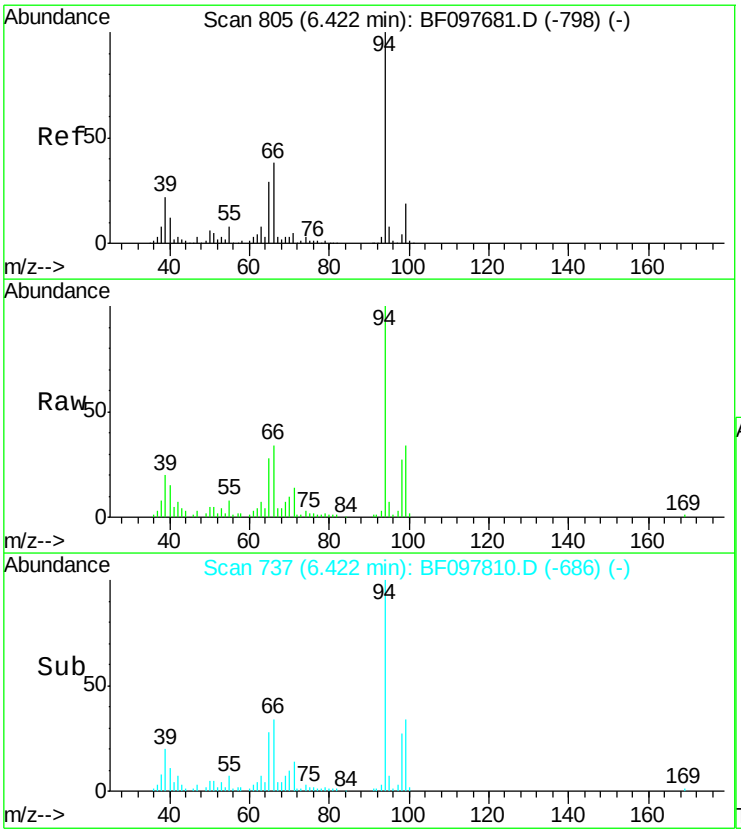
#7
Phenol-d6
Concen: 117.38 ng
RT: 6.41 min Scan# 735
Delta R.T. 0.00 min
Lab File: BF097810.D
Acq: 18 Aug 2017 2:34

Instrument :
BNA_F
ClientSampleId :
HY-SB441

Tgt Ion: 99 Resp: 1321964

Ion	Ratio	Lower	Upper
99	100		
42	16.1	13.5	20.3
71	34.2	24.5	36.7

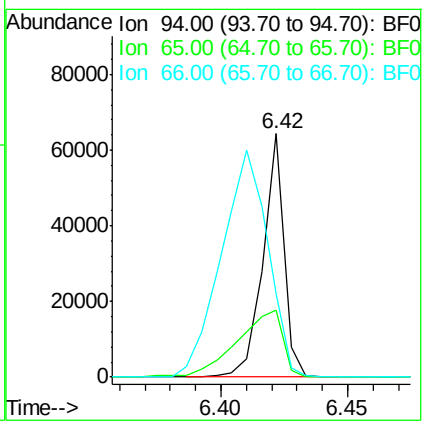


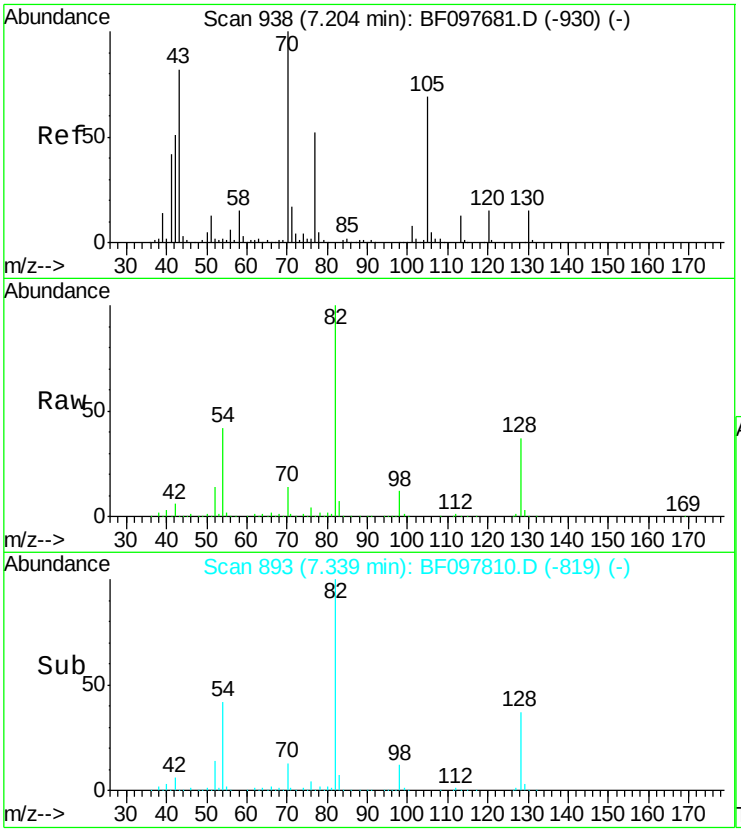


#10
Phenol
Concen: 2.86 ng
RT: 6.42 min Scan# 737
Delta R.T. 0.00 min
Lab File: BF097810.D
Acq: 18 Aug 2017 2:34

Tgt Ion: 94 Resp: 37727

Ion	Ratio	Lower	Upper
94	100		
65	27.5	9.9	49.9
66	34.2	23.1	63.1



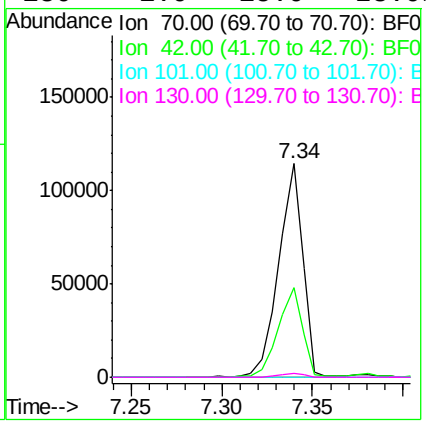


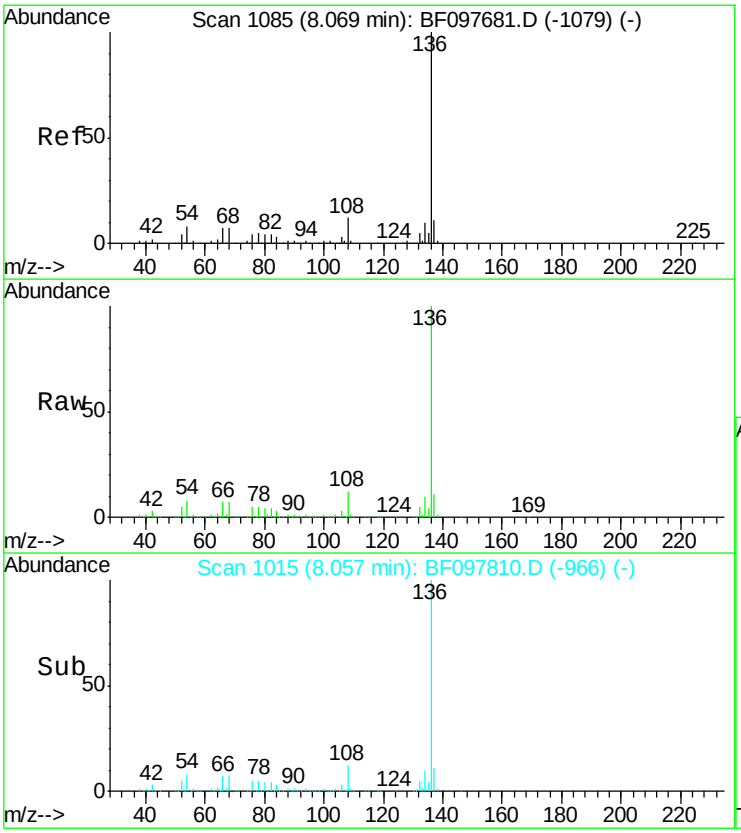
#19
n-Nitroso-di-n-propylamine
Concen: 13.80 ng
RT: 7.34 min Scan# 893
Delta R.T. 0.14 min
Lab File: BF097810.D
Acq: 18 Aug 2017 2:34

Instrument :
BNA_F
ClientSampleId :
HY-SB441

Tgt Ion: 70 Resp: 106362

Ion	Ratio	Lower	Upper
70	100		
42	41.8	47.2	70.8#
101	0.0	7.2	10.8#
130	1.9	15.9	23.9#

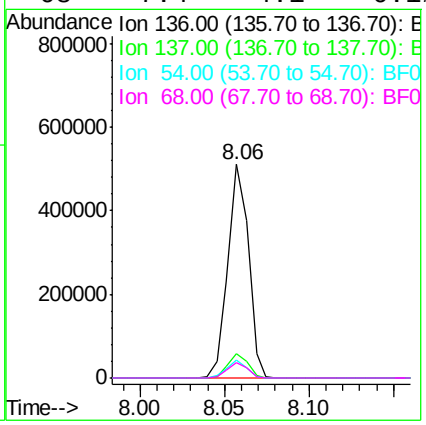


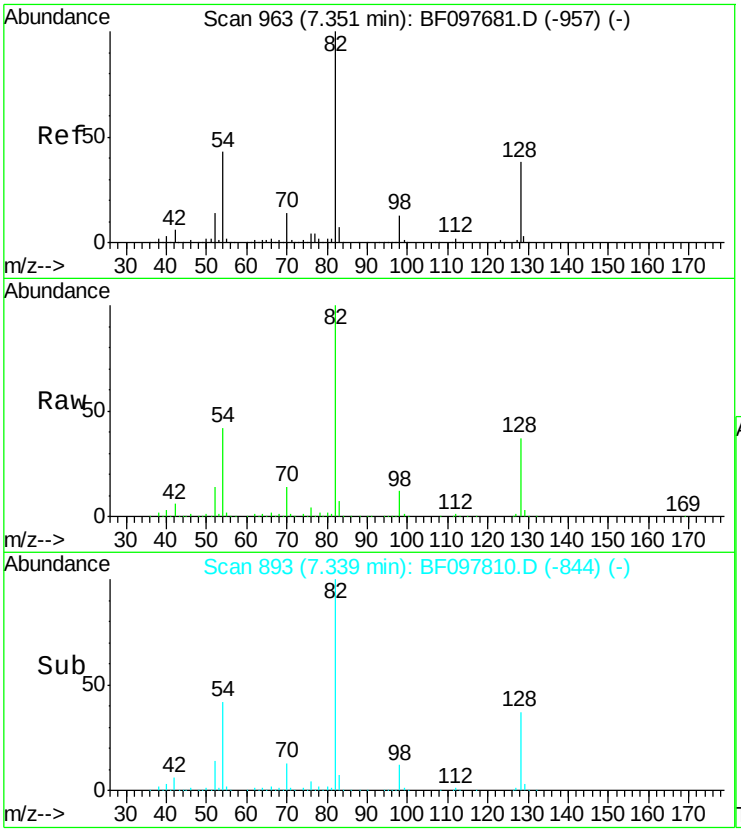


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.06 min Scan# 1015
Delta R.T. -0.01 min
Lab File: BF097810.D
Acq: 18 Aug 2017 2:34

Tgt Ion:136 Resp: 433172

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.5	12.7
54	8.2	4.9	7.3#
68	7.4	4.1	6.1#



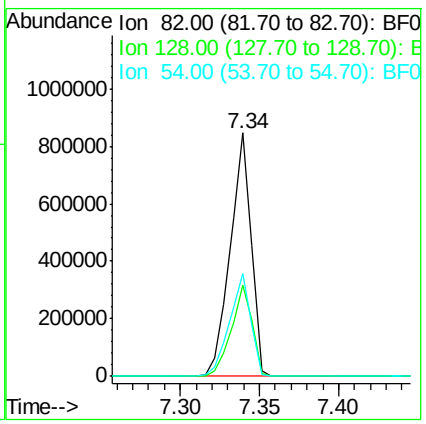


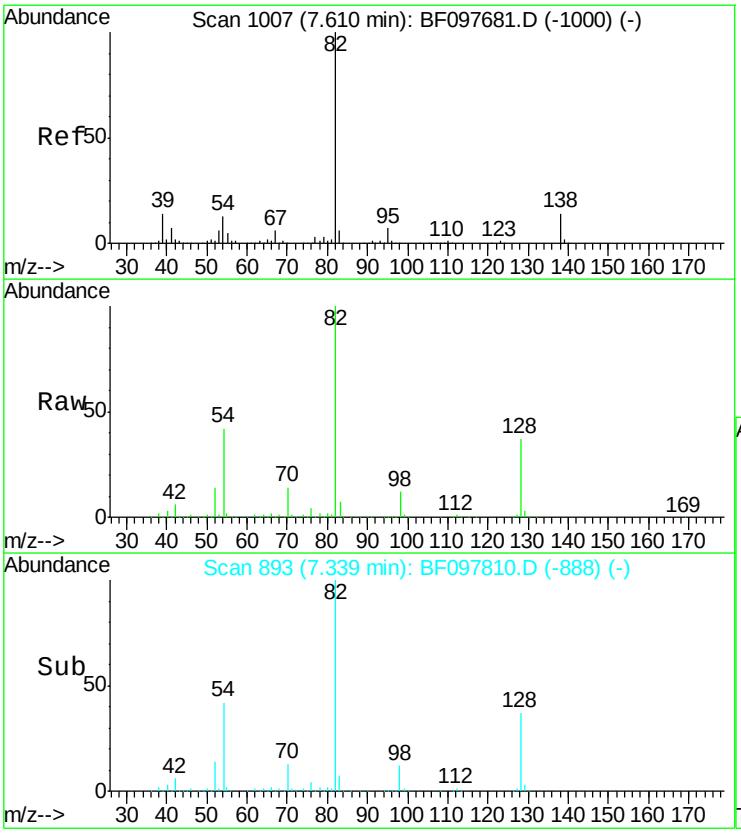
#23
Nitrobenzene-d5
Concen: 97.48 ng
RT: 7.34 min Scan# 893
Delta R.T. -0.01 min
Lab File: BF097810.D
Acq: 18 Aug 2017 2:34

Instrument :
BNA_F
ClientSampleId :
HY-SB441

Tgt Ion: 82 Resp: 777272

Ion	Ratio	Lower	Upper
82	100		
128	37.5	34.0	51.0
54	42.2	42.2	63.2

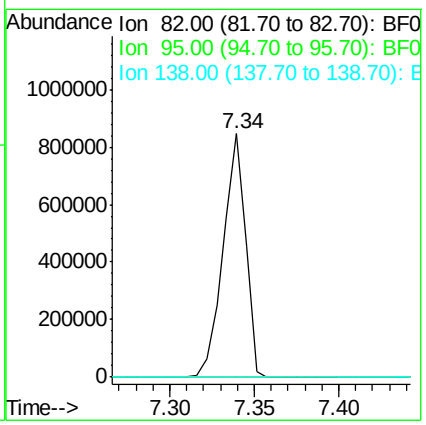


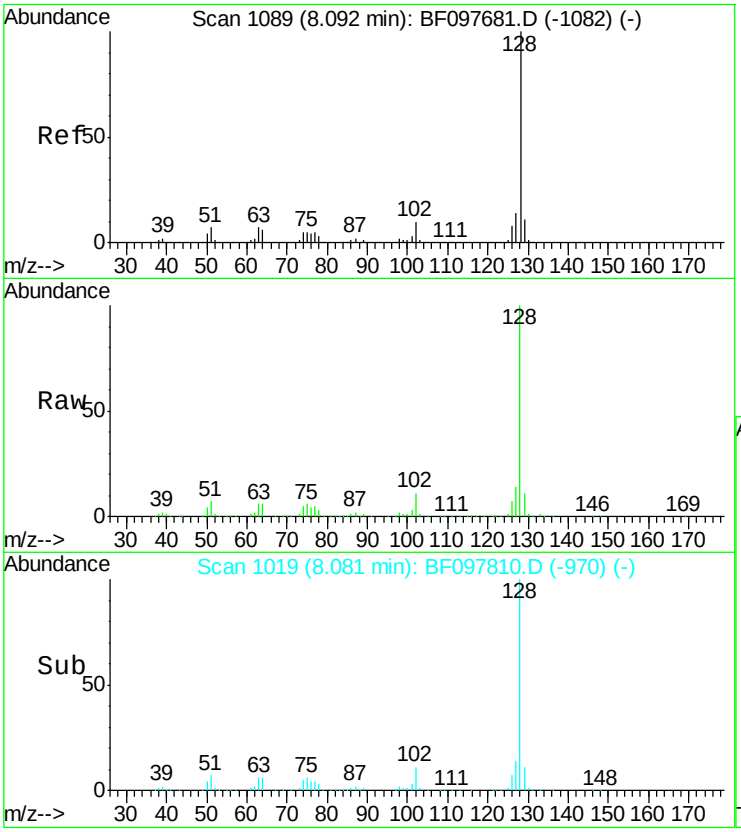


#25
Isophorone
Concen: 46.88 ng
RT: 7.34 min Scan# 893
Delta R.T. -0.27 min
Lab File: BF097810.D
Acq: 18 Aug 2017 2:34

Tgt Ion: 82 Resp: 777263

Ion	Ratio	Lower	Upper
82	100		
95	0.1	5.3	7.9#
138	0.0	13.1	19.7#



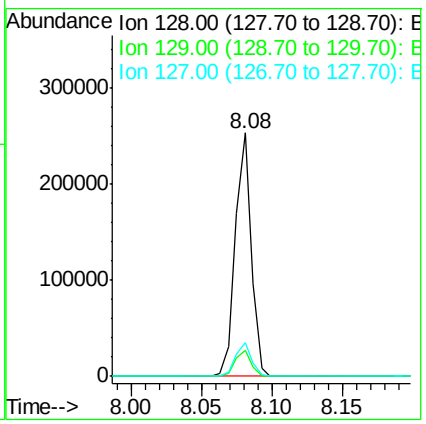


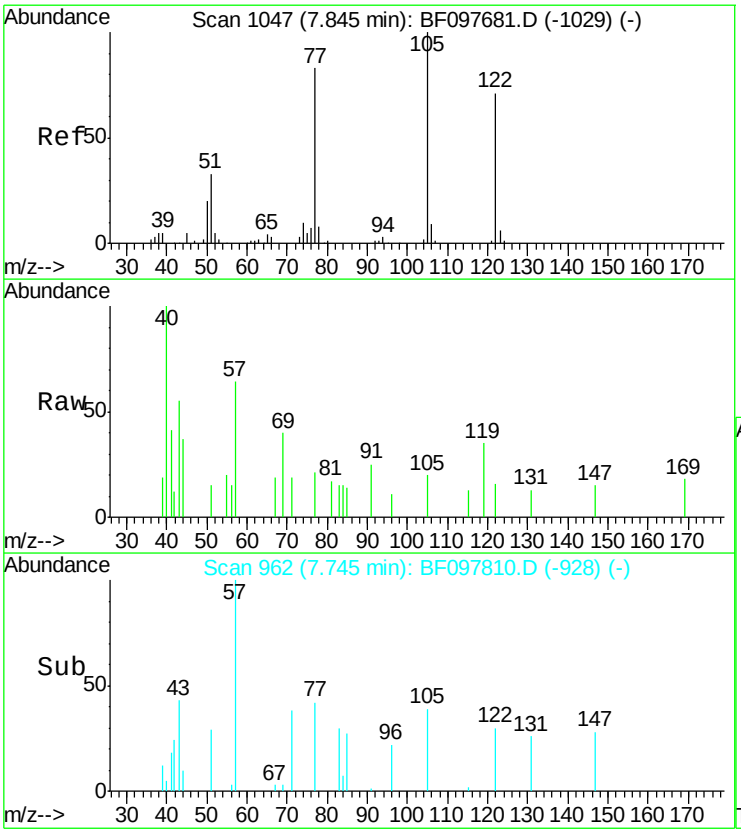
#31
Naphthalene
Concen: 8.90 ng
RT: 8.08 min Scan# 1019
Delta R.T. -0.01 min
Lab File: BF097810.D
Acq: 18 Aug 2017 2:34

Instrument :
BNA_F
ClientSampleId :
HY-SB441

Tgt Ion:128 Resp: 200188

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

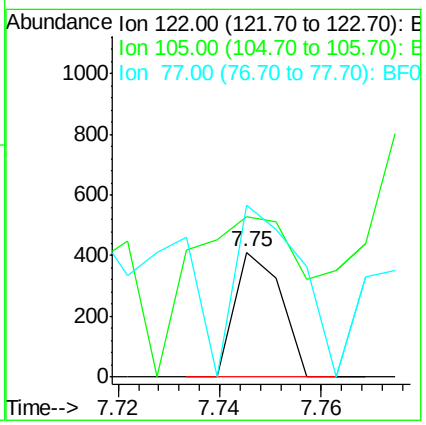


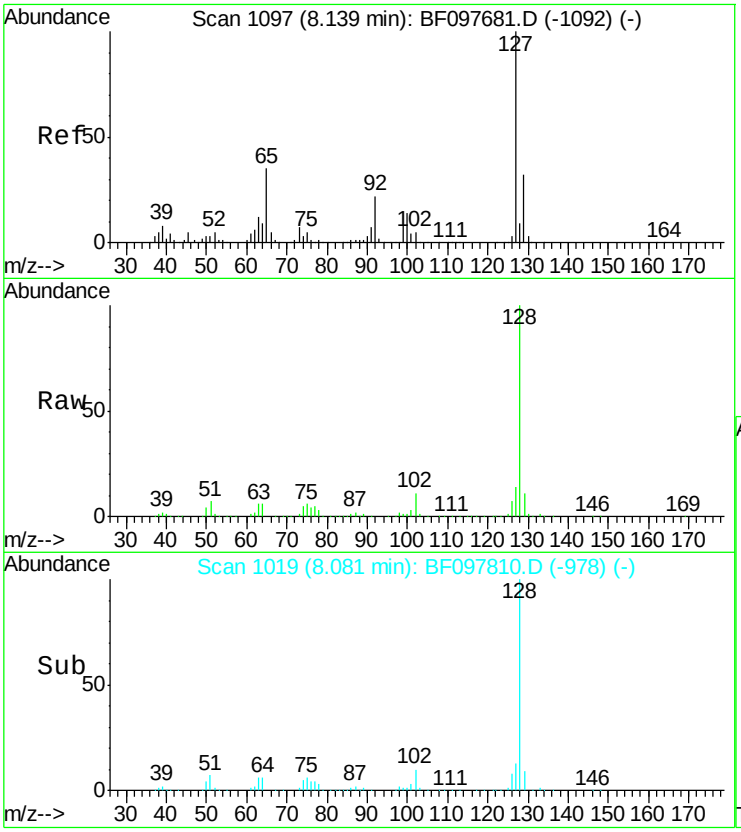


#32
Benzoic acid
Concen: 6.45 ng
RT: 7.75 min Scan# 962
Delta R.T. -0.10 min
Lab File: BF097810.D
Acq: 18 Aug 2017 2:34

Tgt Ion:122 Resp: 260

Ion	Ratio	Lower	Upper
122	100		
105	129.0	103.3	143.3
77	137.7	73.7	113.7#



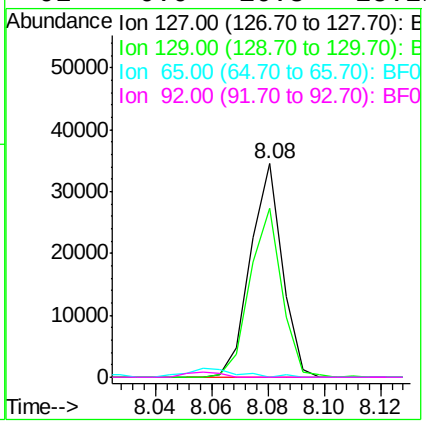


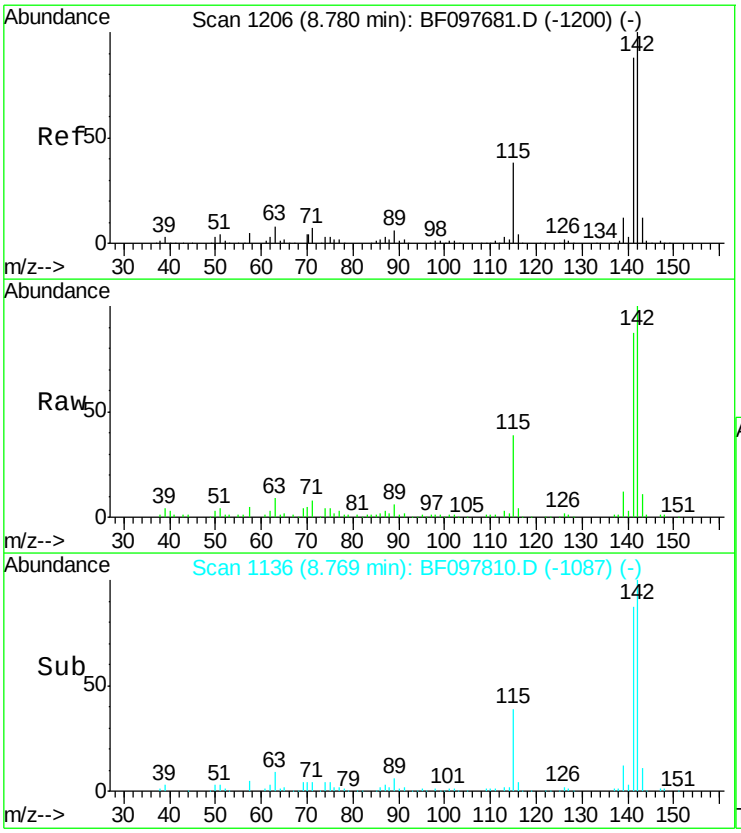
#33
4-Chloroaniline
Concen: 2.85 ng
RT: 8.08 min Scan# 1019
Delta R.T. -0.06 min
Lab File: BF097810.D
Acq: 18 Aug 2017 2:34

Instrument :
BNA_F
ClientSampleId :
HY-SB441

Tgt Ion:127 Resp: 27041

Ion	Ratio	Lower	Upper
127	100		
129	79.3	26.2	39.2#
65	0.0	27.8	41.8#
92	0.0	16.8	25.2#

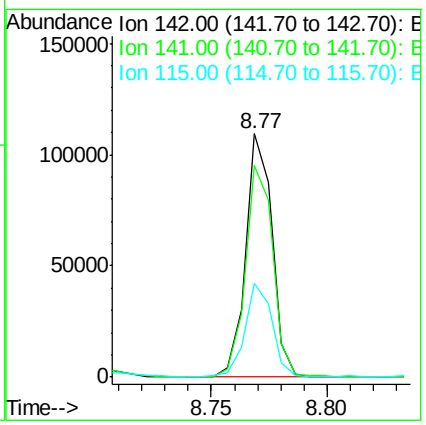


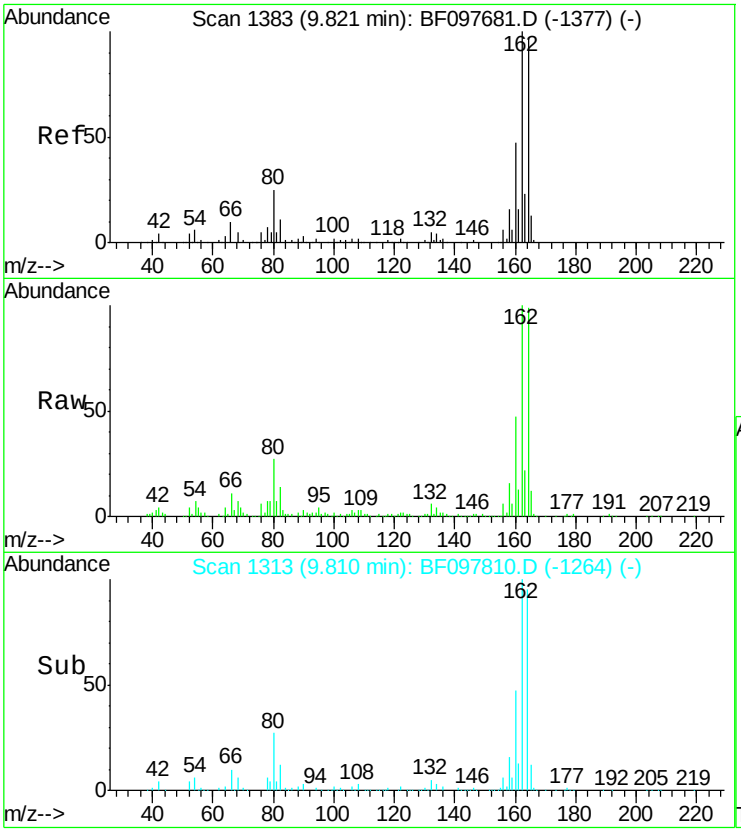


#37
2-Methylnaphthalene
Concen: 6.39 ng
RT: 8.77 min Scan# 1136
Delta R.T. -0.01 min
Lab File: BF097810.D
Acq: 18 Aug 2017 2:34

Tgt Ion:142 Resp: 88084

Ion	Ratio	Lower	Upper
142	100		
141	87.0	71.3	106.9
115	38.6	27.1	40.7



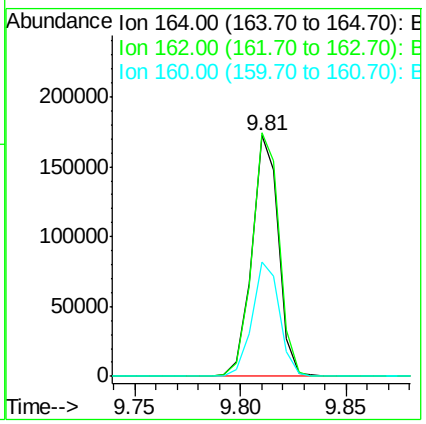


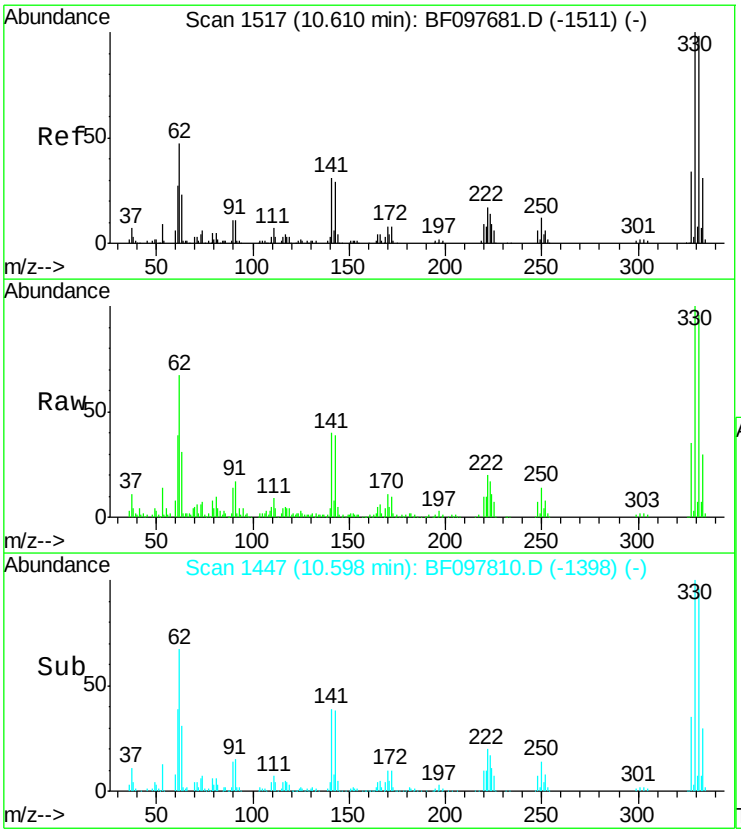
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.81 min Scan# 1313
Delta R.T. -0.01 min
Lab File: BF097810.D
Acq: 18 Aug 2017 2:34

Instrument :
BNA_F
ClientSampleId :
HY-SB441

Tgt Ion:164 Resp: 150245

Ion	Ratio	Lower	Upper
164	100		
162	101.1	82.6	123.8
160	47.4	36.2	54.2

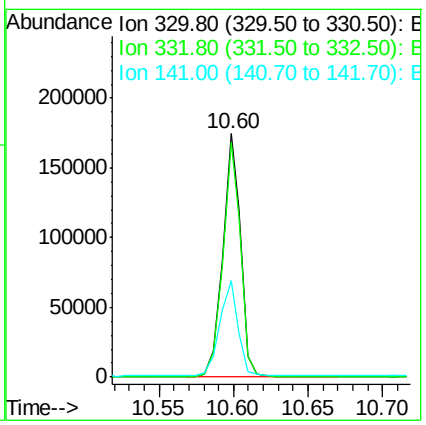


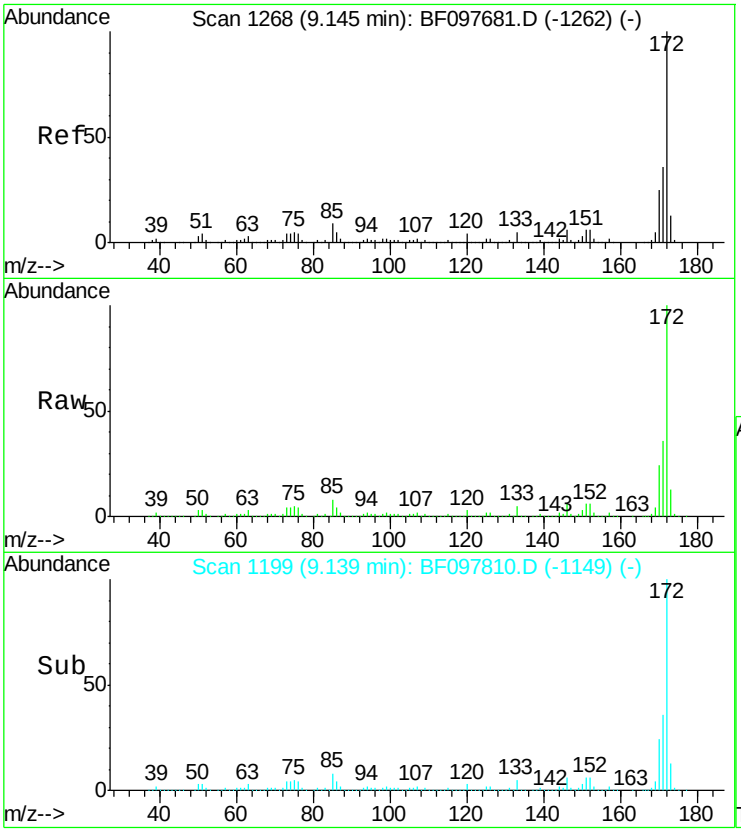


#41
2,4,6-Tribromophenol
Concen: 113.59 ng
RT: 10.60 min Scan# 1447
Delta R.T. -0.01 min
Lab File: BF097810.D
Acq: 18 Aug 2017 2:34

Tgt Ion:330 Resp: 148083

Ion	Ratio	Lower	Upper
330	100		
332	96.0	76.6	115.0
141	39.9	31.4	47.2



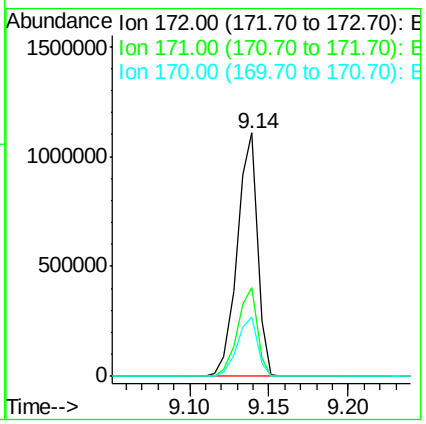


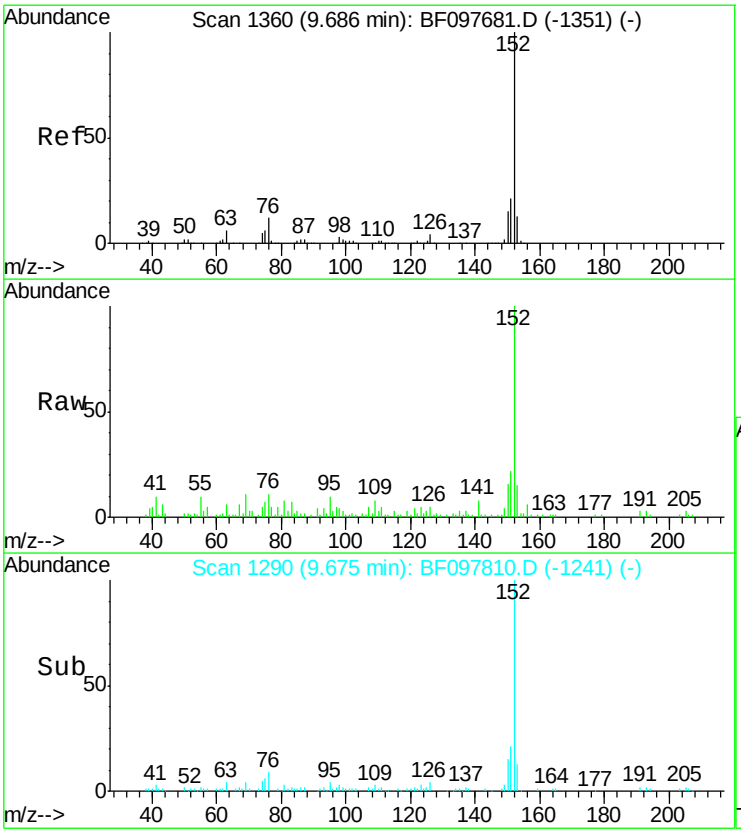
#44
2-Fluorobiphenyl
Concen: 95.78 ng
RT: 9.14 min Scan# 1199
Delta R.T. -0.01 min
Lab File: BF097810.D
Acq: 18 Aug 2017 2:34

Instrument :
BNA_F
ClientSampleId :
HY-SB441

Tgt Ion:172 Resp: 979462

Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.6	44.4
170	24.2	19.8	29.8

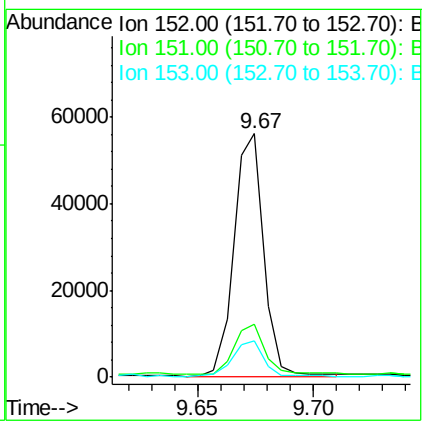


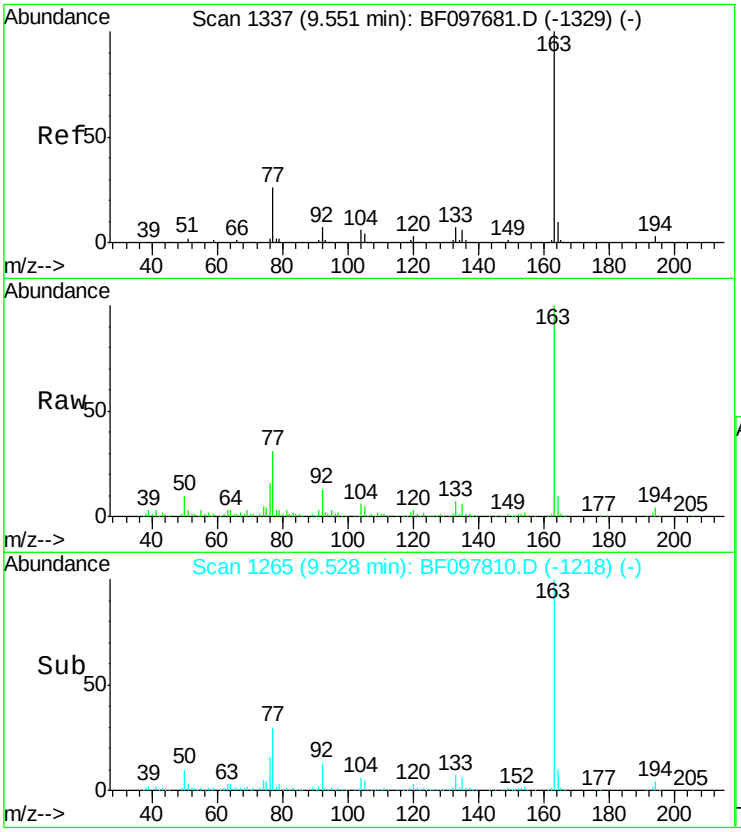


#48
Acenaphthylene
Concen: 3.21 ng
RT: 9.67 min Scan# 1290
Delta R.T. -0.01 min
Lab File: BF097810.D
Acq: 18 Aug 2017 2:34

Tgt Ion:152 Resp: 51076

Ion	Ratio	Lower	Upper
152	100		
151	21.7	16.8	25.2
153	15.1	10.8	16.2

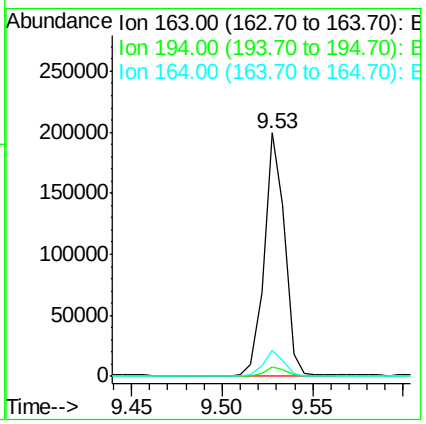




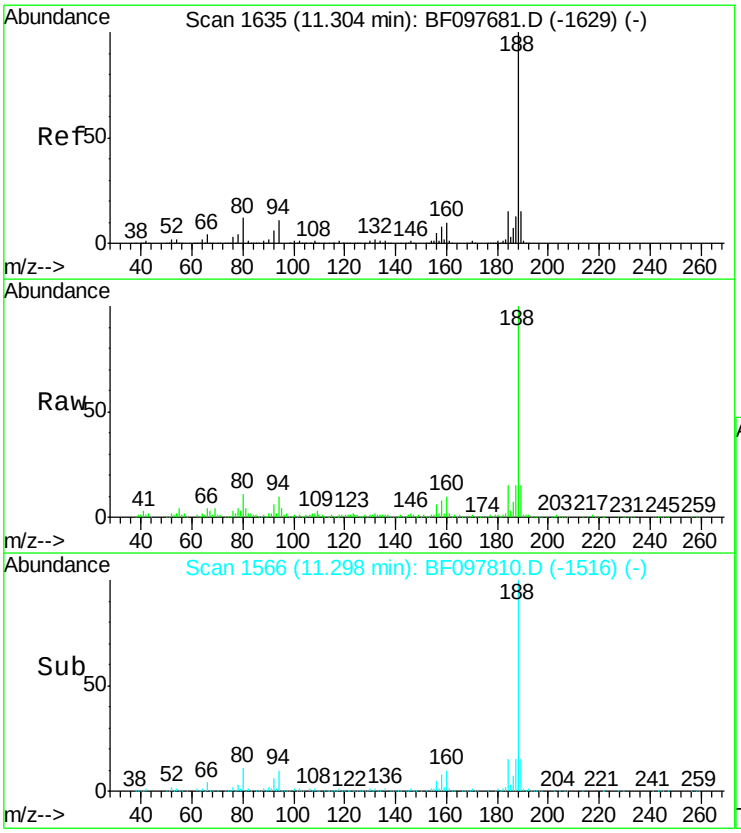
#49
Dimethylphthalate
Concen: 14.14 ng
RT: 9.53 min Scan# 1265
Delta R.T. -0.02 min
Lab File: BF097810.D
Acq: 18 Aug 2017 2:34

Tgt Ion:163 Resp: 155270

Ion	Ratio	Lower	Upper
163	100		
194	3.7	2.6	4.0
164	10.5	8.4	12.6



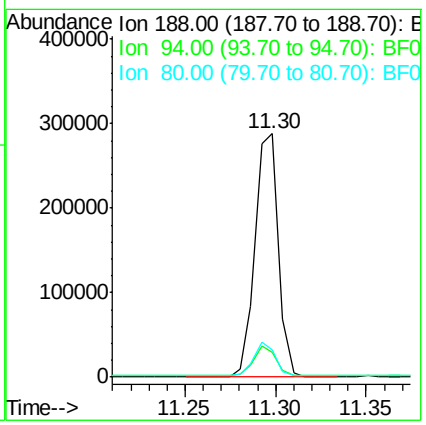
Instrument :
BNA_F
ClientSampleId :
HY-SB441

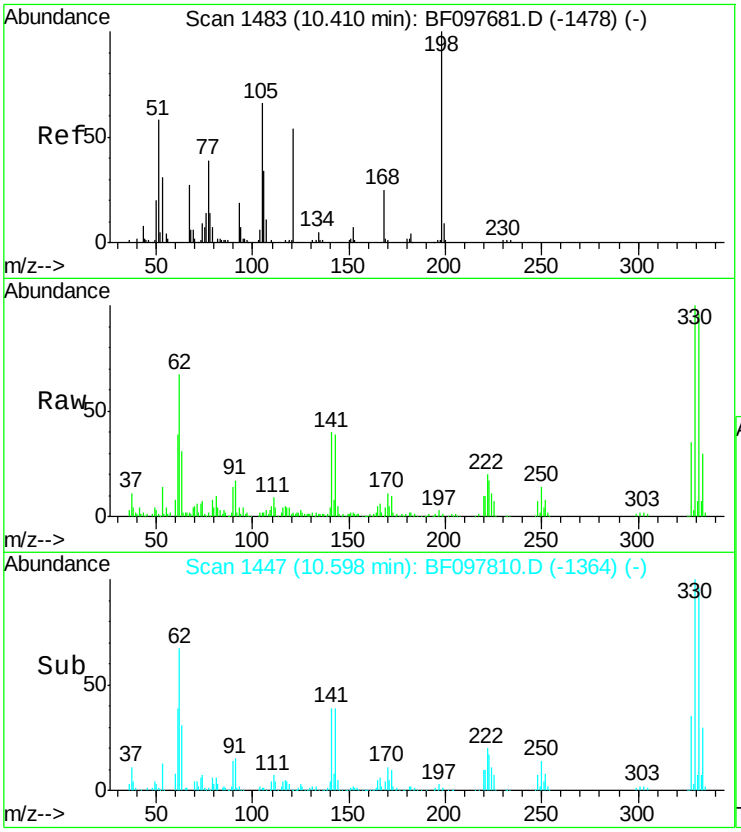


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.30 min Scan# 1566
Delta R.T. -0.01 min
Lab File: BF097810.D
Acq: 18 Aug 2017 2:34

Tgt Ion:188 Resp: 260631

Ion	Ratio	Lower	Upper
188	100		
94	10.4	9.4	14.2
80	11.3	10.2	15.2



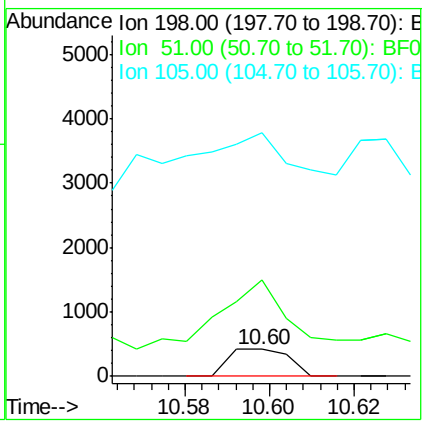


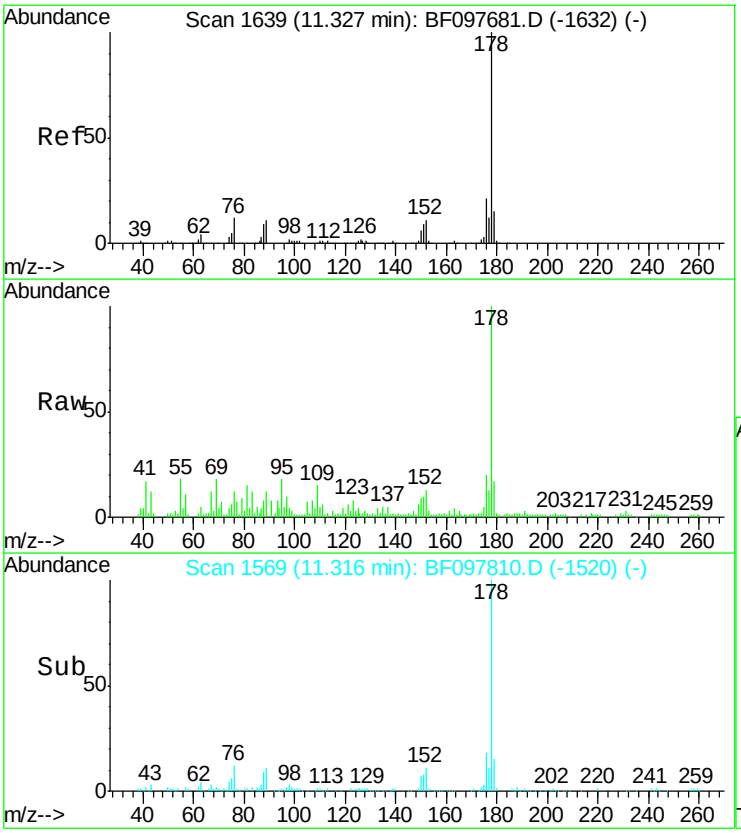
#64
4,6-Dinitro-2-methylphenol
Concen: 8.60 ng
RT: 10.60 min Scan# 1447
Delta R.T. 0.19 min
Lab File: BF097810.D
Acq: 18 Aug 2017 2:34

Instrument :
BNA_F
ClientSampleId :
HY-SB441

Tgt Ion:198 Resp: 419

Ion	Ratio	Lower	Upper
198	100		
51	357.2	53.2	93.2#
105	904.3	45.8	85.8#

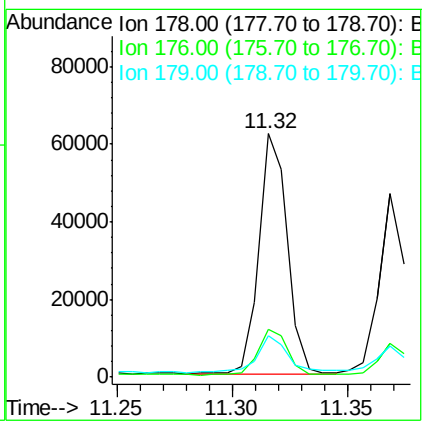


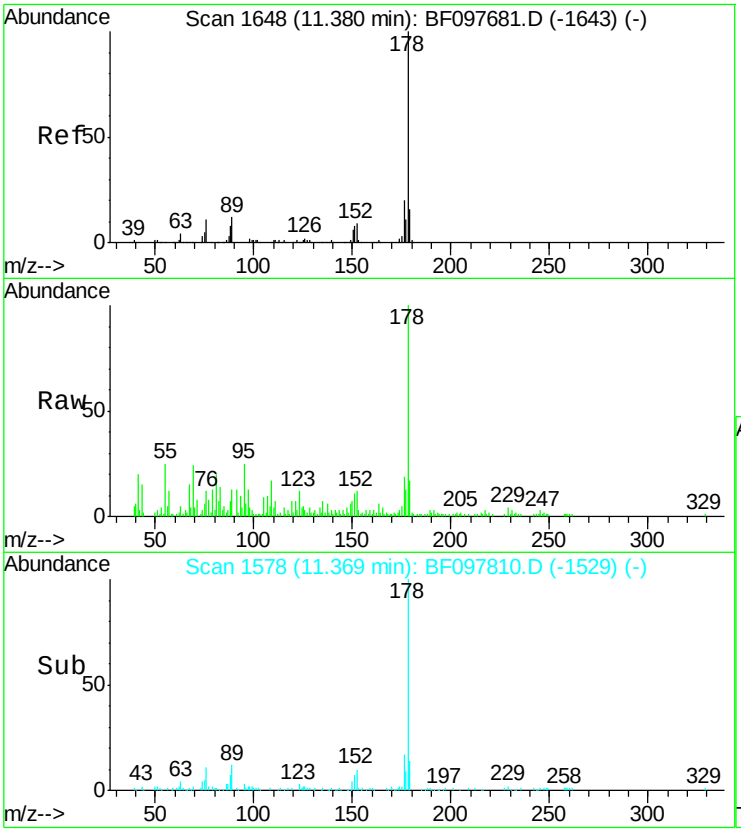


#70
Phenanthrene
Concen: 3.80 ng
RT: 11.32 min Scan# 1569
Delta R.T. -0.01 min
Lab File: BF097810.D
Acq: 18 Aug 2017 2:34

Tgt Ion:178 Resp: 52728

Ion	Ratio	Lower	Upper
178	100		
176	19.5	16.2	24.4
179	16.8	12.6	19.0



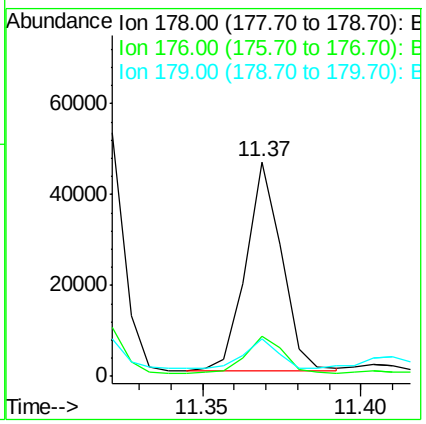


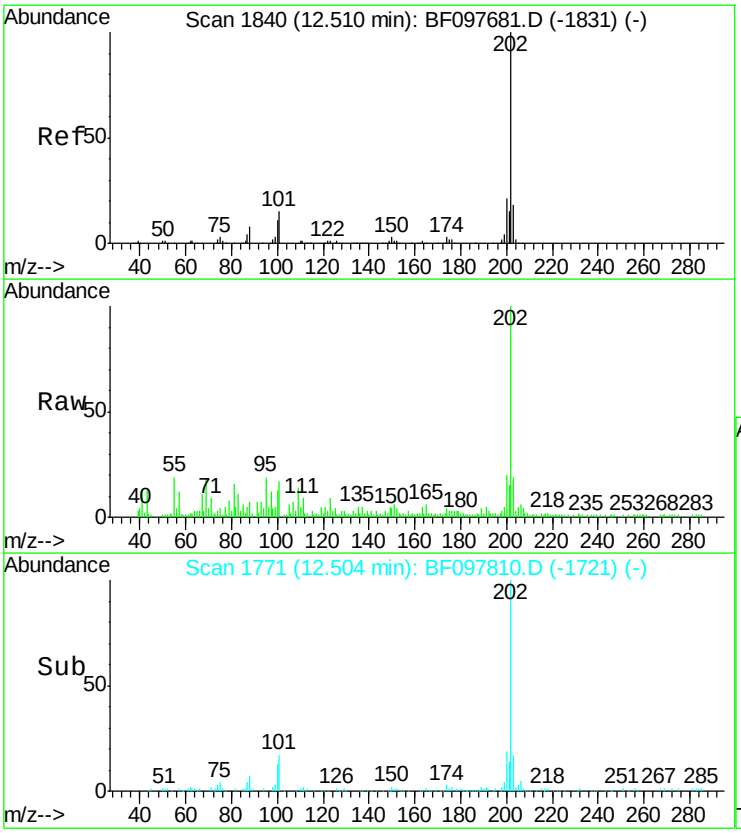
#71
Anthracene
Concen: 2.58 ng
RT: 11.37 min Scan# 1578
Delta R.T. -0.01 min
Lab File: BF097810.D
Acq: 18 Aug 2017 2:34

Instrument :
BNA_F
ClientSampleId :
HY-SB441

Tgt Ion:178 Resp: 36311

Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.8	23.8
179	17.3	12.7	19.1

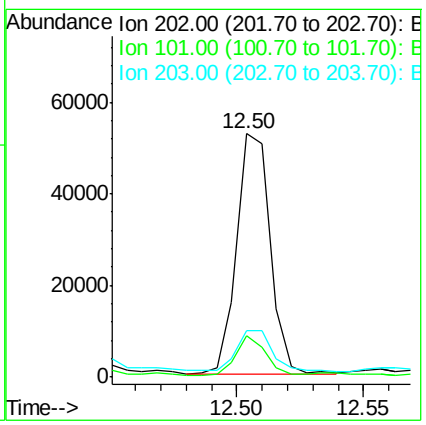


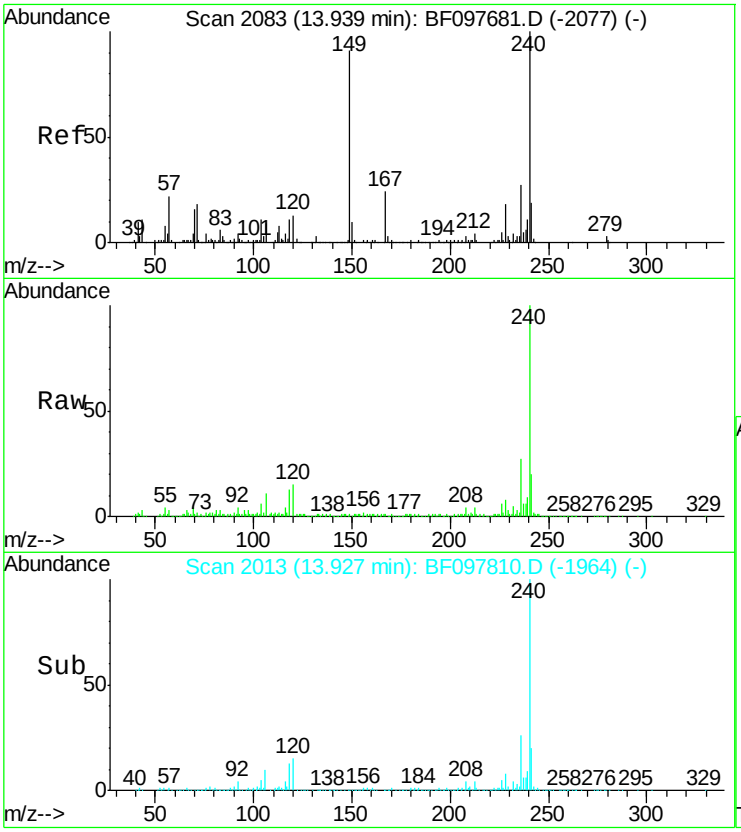


#74
Fluoranthene
Concen: 3.31 ng
RT: 12.50 min Scan# 1771
Delta R.T. -0.01 min
Lab File: BF097810.D
Acq: 18 Aug 2017 2:34

Tgt Ion:202 Resp: 47993

Ion	Ratio	Lower	Upper
202	100		
101	17.2	0.0	33.2
203	19.1	0.0	38.1



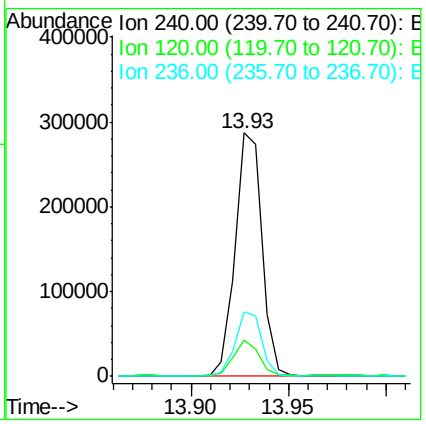


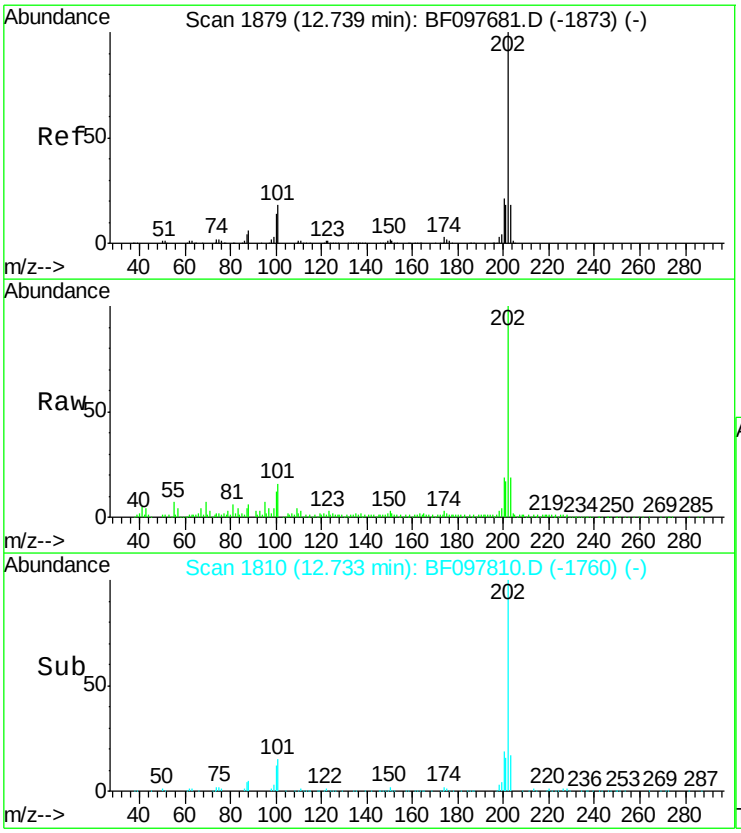
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.93 min Scan# 2013
Delta R.T. -0.01 min
Lab File: BF097810.D
Acq: 18 Aug 2017 2:34

Instrument :
BNA_F
ClientSampleId :
HY-SB441

Tgt Ion:240 Resp: 273495

Ion	Ratio	Lower	Upper
240	100		
120	15.1	5.8	8.8#
236	26.6	20.5	30.7

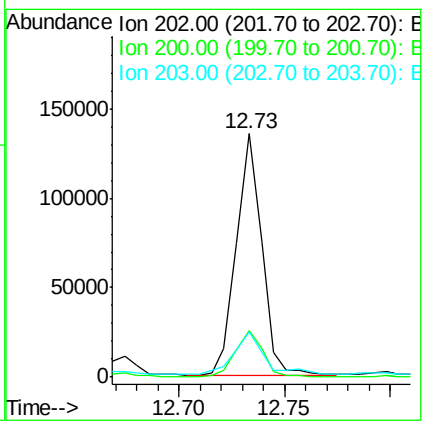


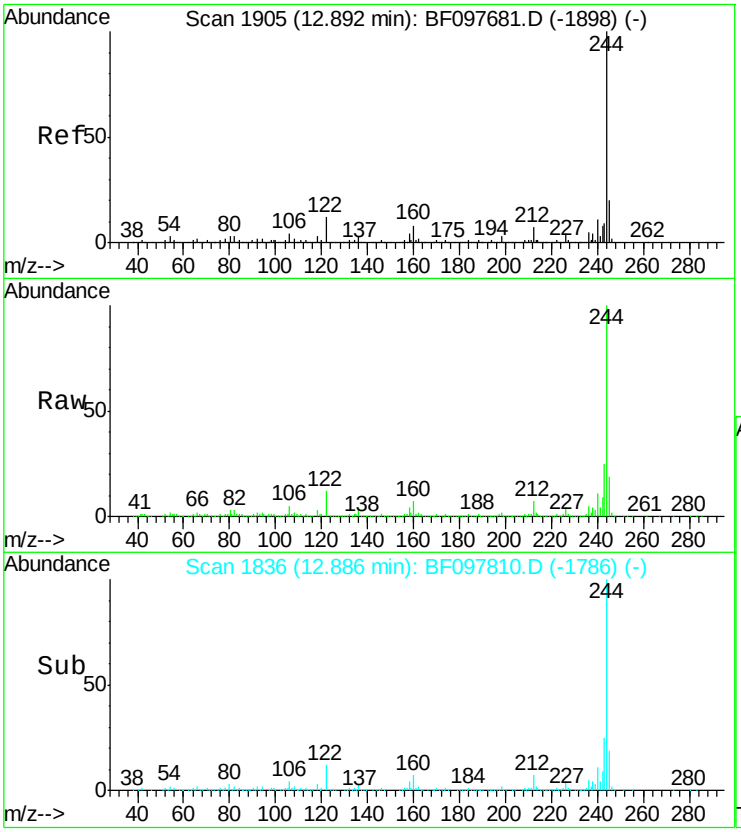


#77
Pyrene
Concen: 5.07 ng
RT: 12.73 min Scan# 1810
Delta R.T. -0.01 min
Lab File: BF097810.D
Acq: 18 Aug 2017 2:34

Tgt Ion:202 Resp: 113499

Ion	Ratio	Lower	Upper
202	100		
200	19.3	17.6	26.4
203	18.7	14.4	21.6



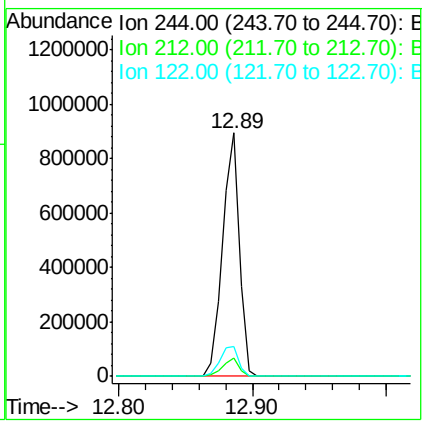


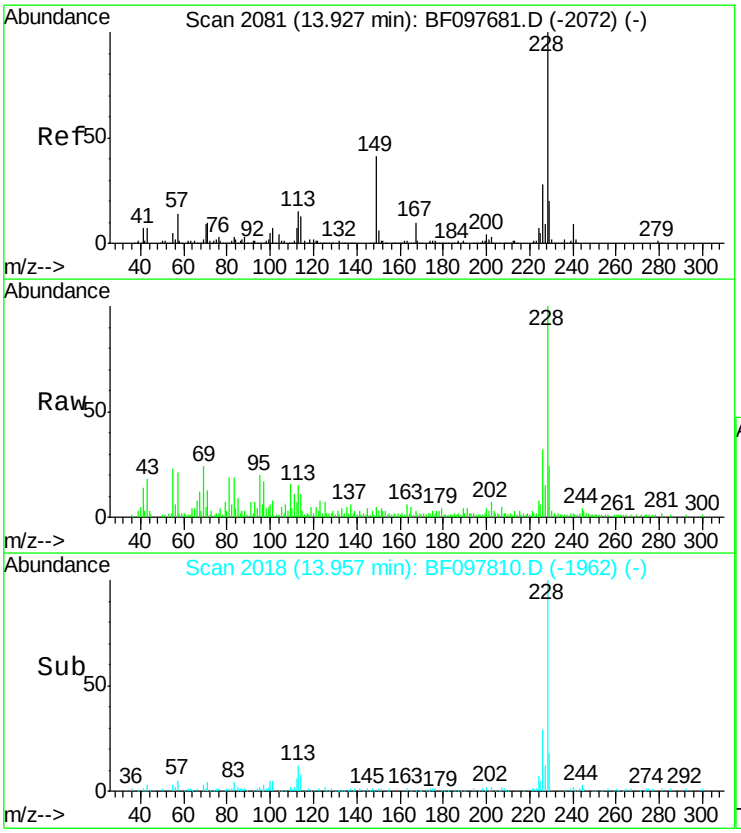
#78
Terphenyl-d14
Concen: 61.03 ng
RT: 12.89 min Scan# 1836
Delta R.T. -0.01 min
Lab File: BF097810.D
Acq: 18 Aug 2017 2:34

Instrument :
BNA_F
ClientSampleId :
HY-SB441

Tgt Ion:244 Resp: 800457

Ion	Ratio	Lower	Upper
244	100		
212	7.3	6.0	9.0
122	12.4	10.3	15.5

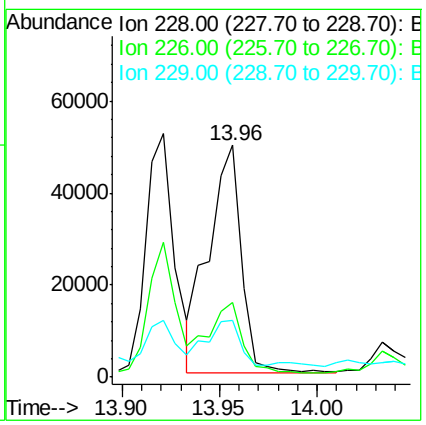


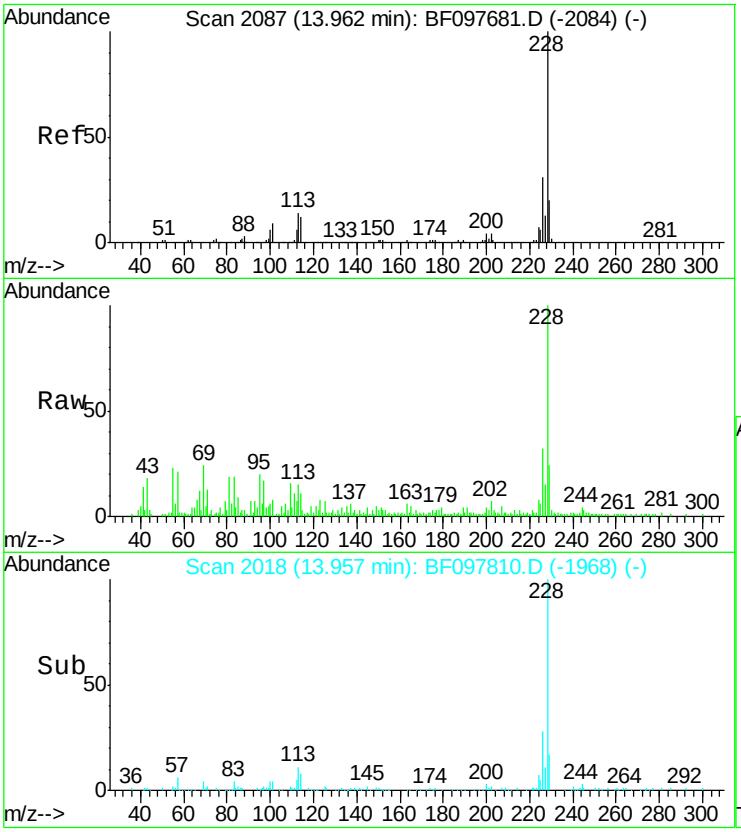


#80
Benzo(a)anthracene
Concen: 3.54 ng
RT: 13.96 min Scan# 2018
Delta R.T. 0.03 min
Lab File: BF097810.D
Acq: 18 Aug 2017 2:34

Tgt Ion:228 Resp: 58072

Ion	Ratio	Lower	Upper
228	100		
226	32.0	22.6	33.8
229	24.2	16.3	24.5



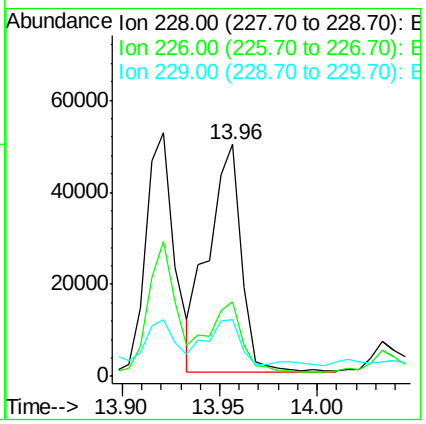


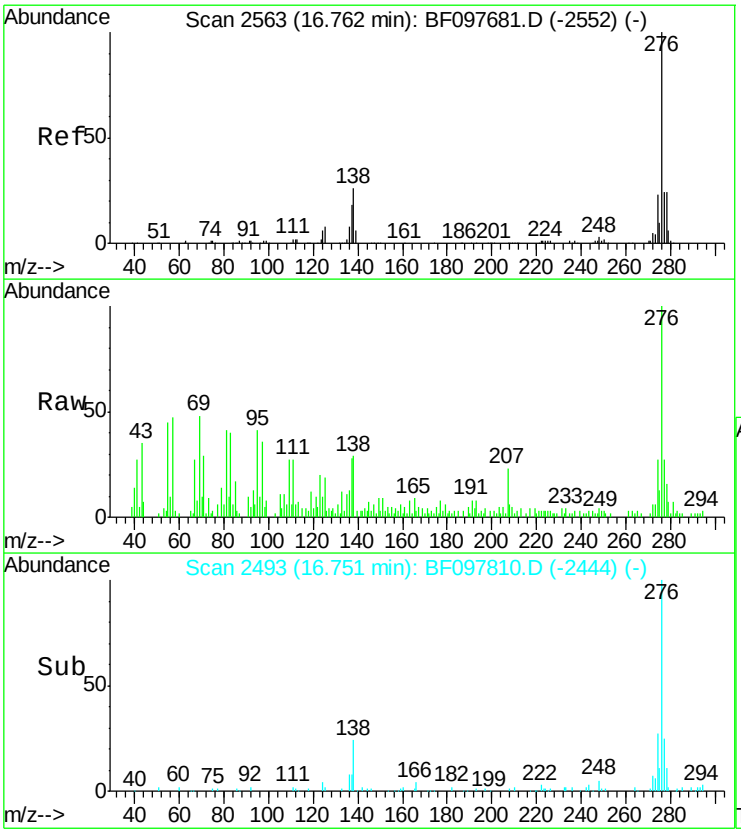
#82
Chrysene
Concen: 3.56 ng
RT: 13.96 min Scan# 2018
Delta R.T. -0.01 min
Lab File: BF097810.D
Acq: 18 Aug 2017 2:34

Instrument :
BNA_F
ClientSampleId :
HY-SB441

Tgt Ion:228 Resp: 58072

Ion	Ratio	Lower	Upper
228	100		
226	32.0	24.9	37.3
229	24.2	15.8	23.6#

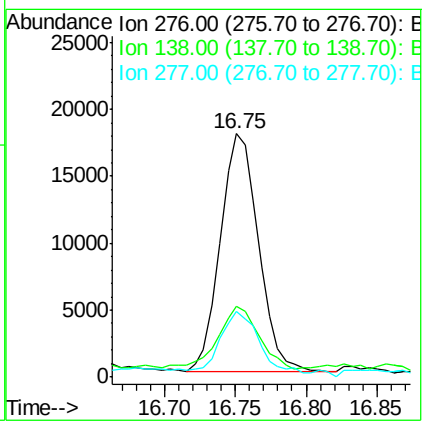


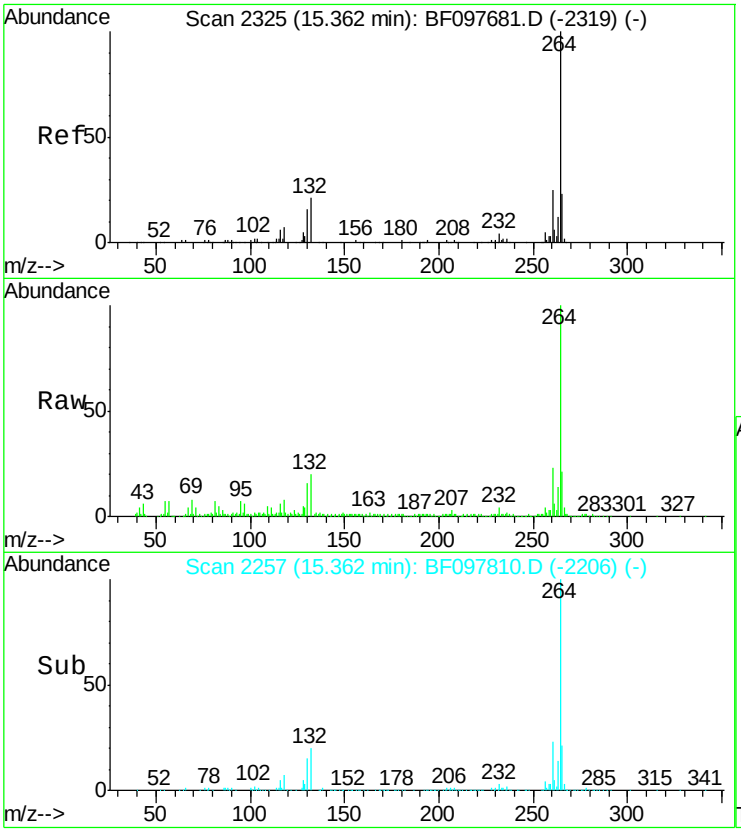


#85
Indeno(1,2,3-cd)pyrene
Concen: 2.81 ng
RT: 16.75 min Scan# 2493
Delta R.T. -0.01 min
Lab File: BF097810.D
Acq: 18 Aug 2017 2:34

Tgt Ion:276 Resp: 33715

Ion	Ratio	Lower	Upper
276	100		
138	27.4	27.8	41.6#
277	24.7	20.2	30.4



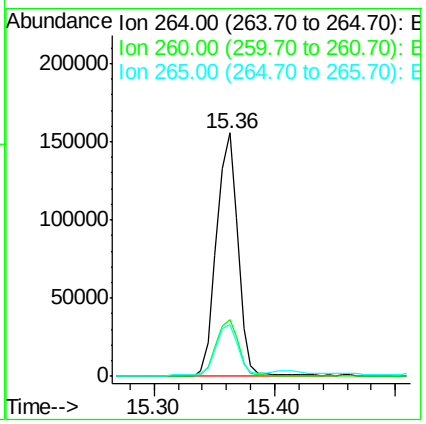


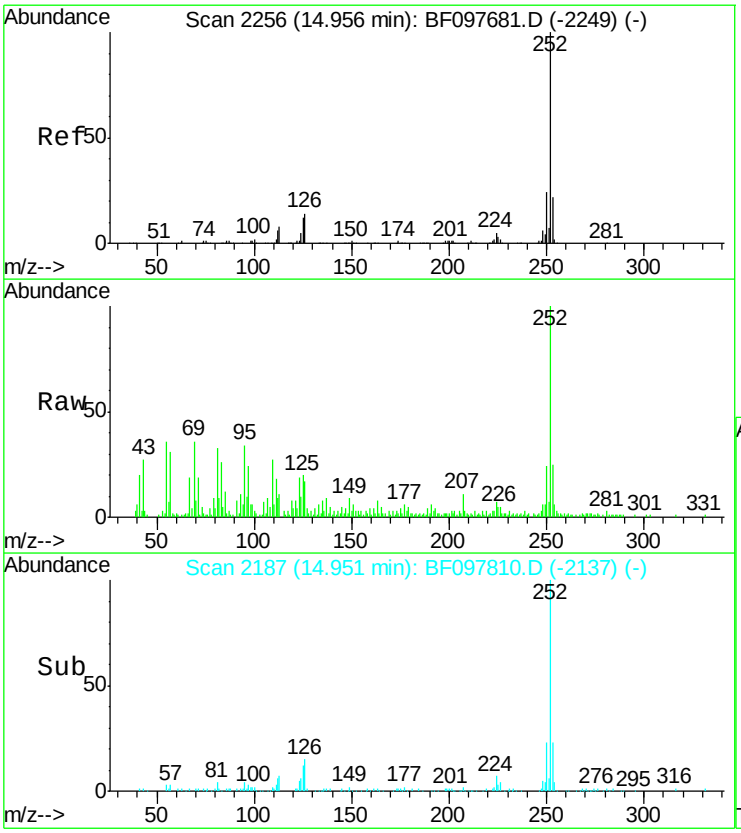
#86
Perylene-d12
Concen: 20.00 ng
RT: 15.36 min Scan# 2257
Delta R.T. 0.00 min
Lab File: BF097810.D
Acq: 18 Aug 2017 2:34

Instrument :
BNA_F
ClientSampleId :
HY-SB441

Tgt Ion:264 Resp: 189219

Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.5	29.3
265	21.3	17.2	25.8

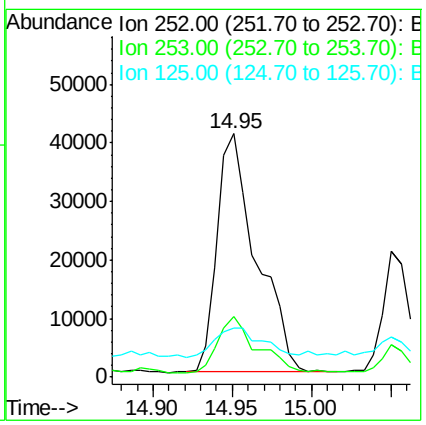


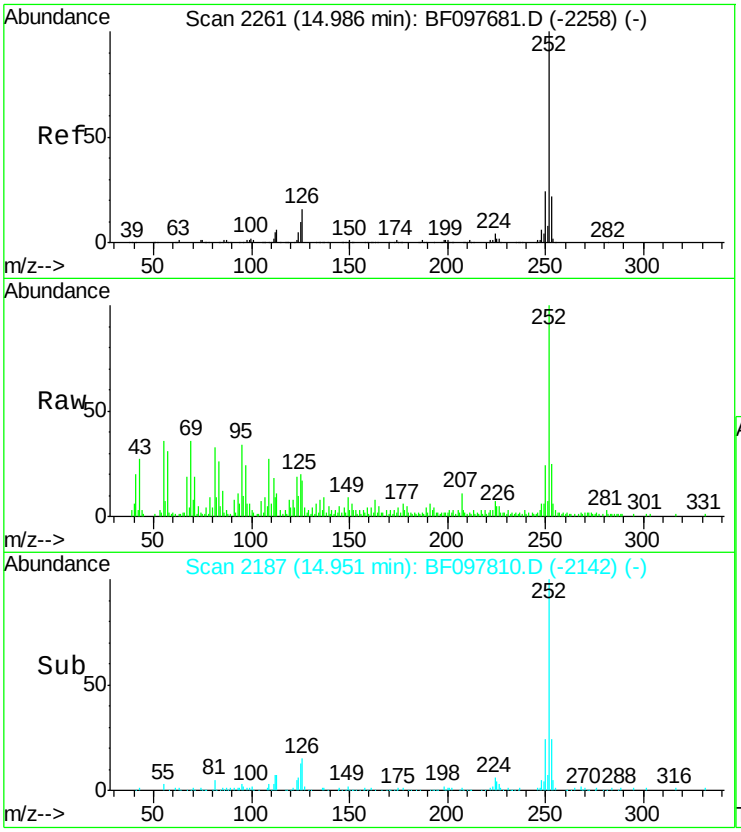


#87
Benzo(b)fluoranthene
Concen: 5.91 ng
RT: 14.95 min Scan# 2187
Delta R.T. -0.01 min
Lab File: BF097810.D
Acq: 18 Aug 2017 2:34

Tgt Ion:252 Resp: 70528

Ion	Ratio	Lower	Upper
252	100		
253	24.8	18.1	27.1
125	20.2	9.8	14.8#



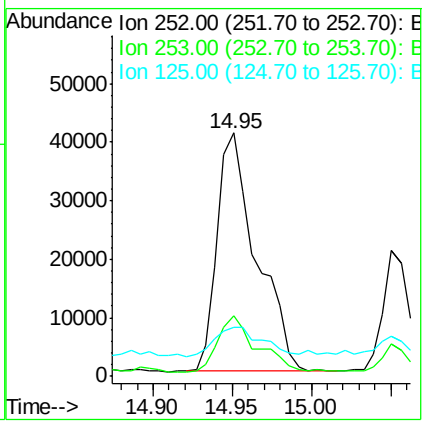


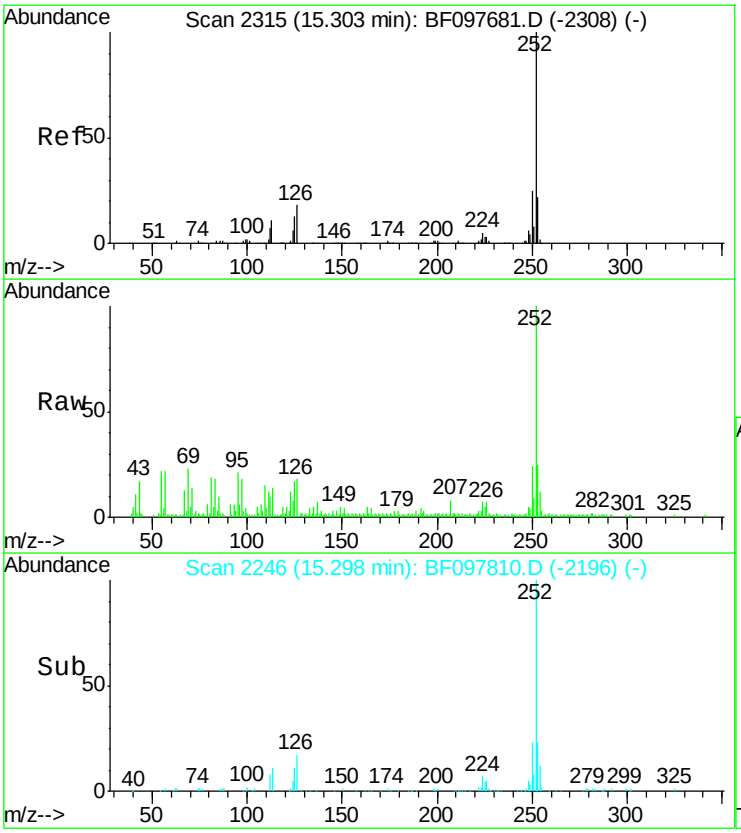
#88
Benzo(k)fluoranthene
Concen: 6.29 ng
RT: 14.95 min Scan# 2187
Delta R.T. -0.04 min
Lab File: BF097810.D
Acq: 18 Aug 2017 2:34

Instrument :
BNA_F
ClientSampleId :
HY-SB441

Tgt Ion:252 Resp: 70528

Ion	Ratio	Lower	Upper
252	100		
253	24.8	18.4	27.6
125	20.2	13.1	19.7#

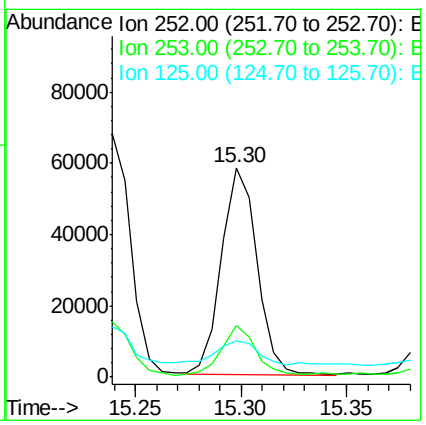


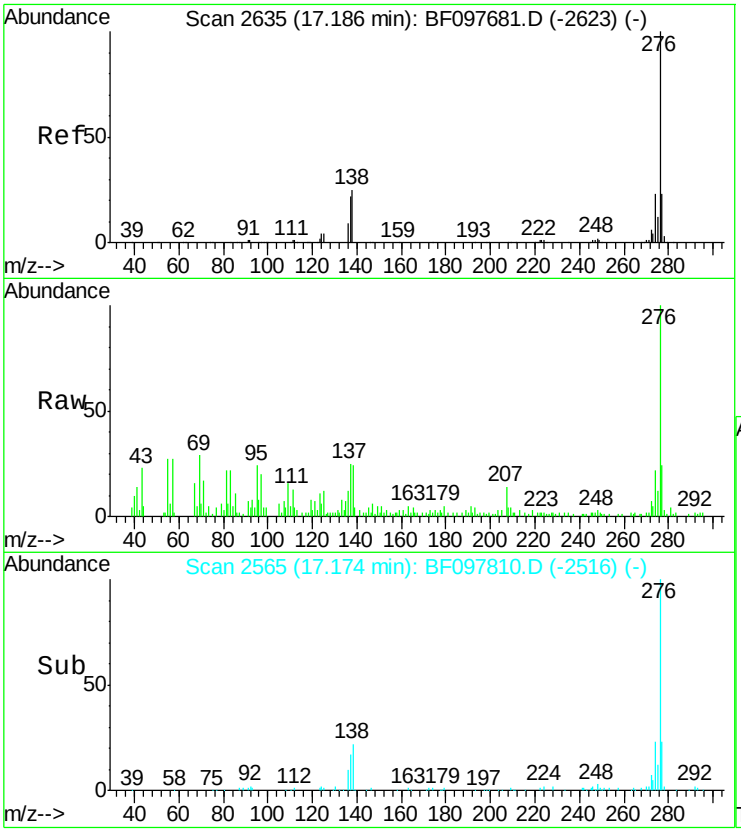


#89
Benzo(a)pyrene
Concen: 6.40 ng
RT: 15.30 min Scan# 2246
Delta R.T. -0.01 min
Lab File: BF097810.D
Acq: 18 Aug 2017 2:34

Tgt Ion:252 Resp: 67593

Ion	Ratio	Lower	Upper
252	100		
253	24.5	17.5	26.3
125	17.4	11.0	16.4#





#91
Benzo(g,h,i)perylene
Concen: 6.27 ng
RT: 17.17 min Scan# 2565
Delta R.T. -0.01 min
Lab File: BF097810.D
Acq: 18 Aug 2017 2:34

Instrument :
BNA_F
ClientSampleId :
HY-SB441

Tgt Ion:276 Resp: 56232

Ion	Ratio	Lower	Upper
276	100		
277	24.1	18.6	28.0
138	24.2	25.4	38.0#