Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080517\
Data File : BF097404.D
Acq On : 5 Aug 2017 18:27
Operator : SJ/JU
Sample : I4558-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Aug 06 01:10:04 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 04 01:17:22 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.43	152	97208	20.00	ng		-0.07
21) Naphthalene-d8	7.71	136	385282	20.00	ng		-0.08
38) Acenaphthene-d10	9.45	164	144094	20.00	ng		-0.08
63) Phenanthrene-d10	10.92	188	201305	20.00	ng		-0.08
75) Chrysene-d12	13.54	240	182807	20.00	ng		-0.08
86) Perylene-d12	14.88	264	118448	20.00	ng		-0.09
System Monitoring Compounds							
5) 2-Fluorophenol	5.03	112	774379	120.09	ng		-0.07
7) Phenol-d6	6.10	99	974511	132.38	ng		-0.06
23) Nitrobenzene-d5	7.00	82	443590	67.54	ng		-0.08
41) 2,4,6-Tribromophenol	10.24	330	121742	106.93	ng		-0.08
44) 2-Fluorobiphenyl	8.79	172	684277	80.59	ng		-0.08
78) Terphenyl-d14	12.50	244	463563	51.70	ng		-0.08
Target Compounds							Qvalue
10) Phenol	6.11	94	39959	4.58	ng		80
19) n-Nitroso-di-n-propylamine	7.00	70	58877	12.15	ng	#	87
25) Isophorone	7.00	82	435398	33.85	ng	#	67
49) Dimethylphthalate	9.19	163	160109	14.63	ng		99
56) 2,4-Dinitrotoluene	9.45	165	19134	7.17	ng	#	31
66) 4-Bromophenyl-phenylether	10.24	248	7859	3.91	ng	#	1
70) Phenanthrene	10.95	178	28782	2.67	ng		96
74) Fluoranthene	12.13	202	45176	4.28	ng		99
77) Pyrene	12.35	202	44903	3.00	ng		99
80) Benzo(a)anthracene	13.53	228	29773	2.52	ng		95
82) Chrysene	13.57	228	25983	2.25	ng		97
87) Benzo(b)fluoranthene	14.54	252	44187	6.21	ng	#	92
88) Benzo(k)fluoranthene	14.54	252	44187	6.51	ng	#	96
89) Benzo(a)pyrene	14.83	252	20372	3.13	ng	#	85
91) Benzo(g,h,i)perylene	16.44	276	11606	2.07	ng		94

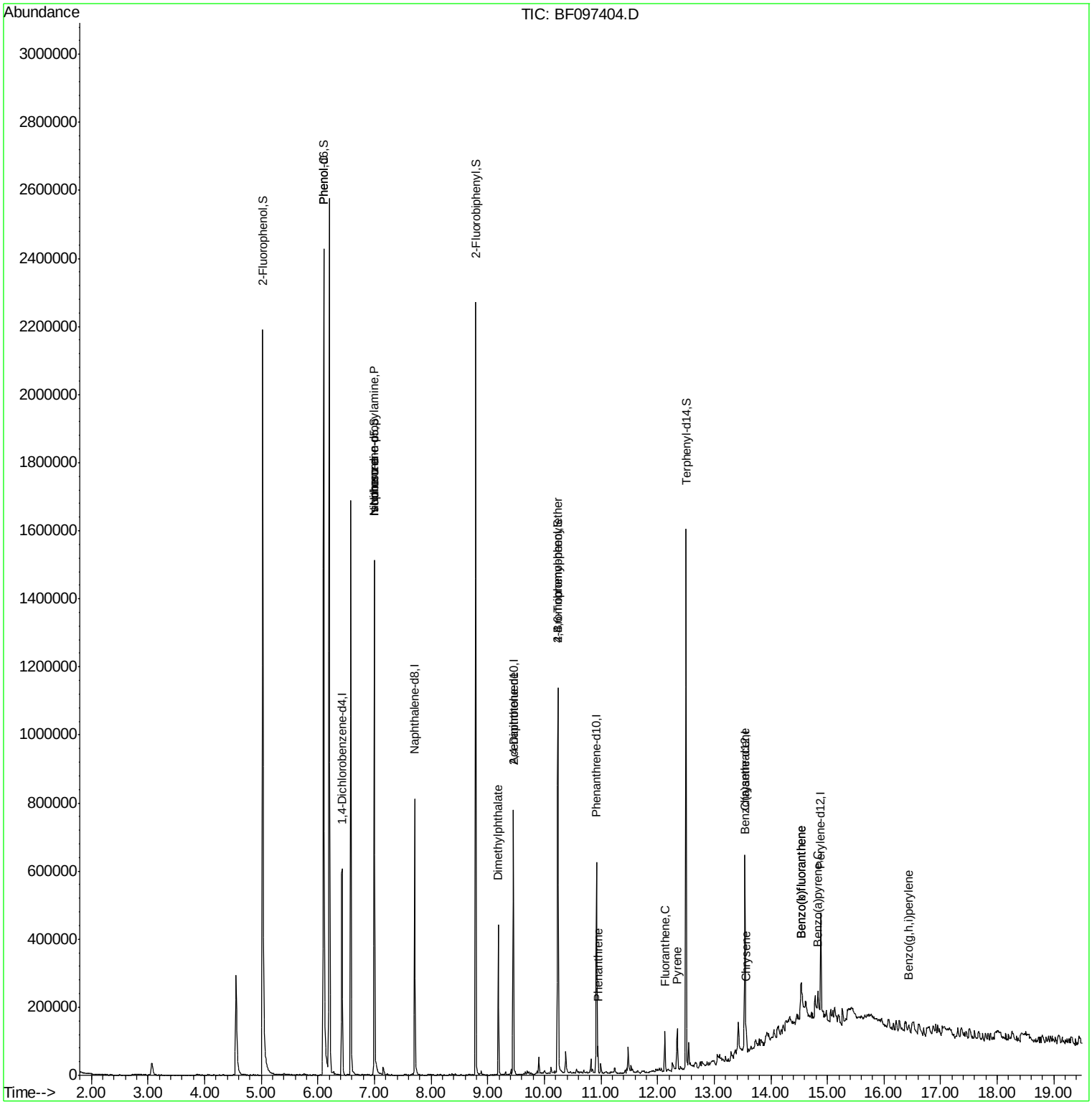
(#) = qualifier out of range (m) = manual integration (+) = signals summed

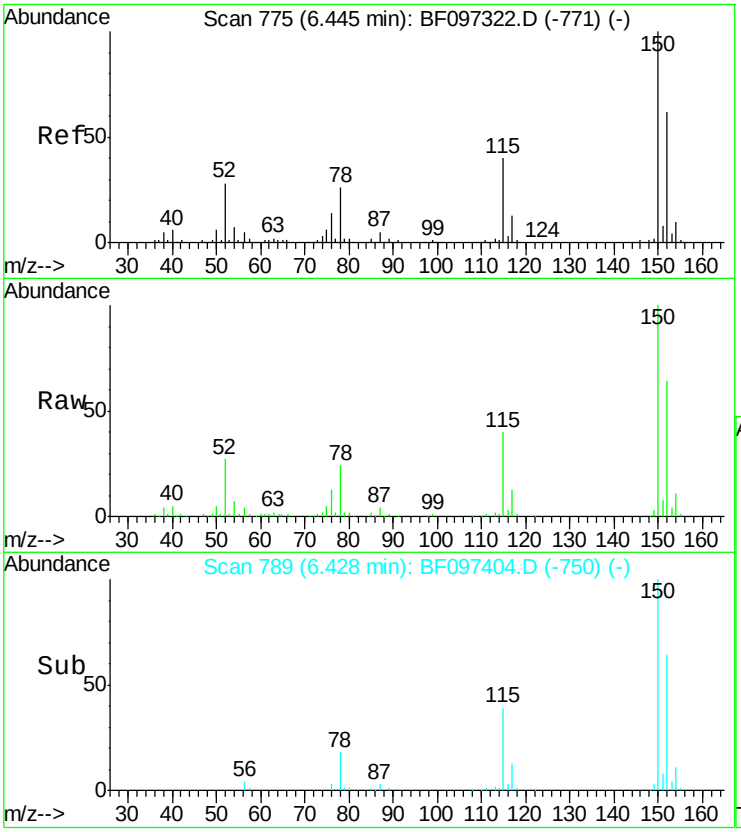
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080517\
Data File : BF097404.D
Acq On : 5 Aug 2017 18:27
Operator : SJ/JU
Sample : I4558-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Aug 06 01:10:04 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 04 01:17:22 2017
Response via : Initial Calibration



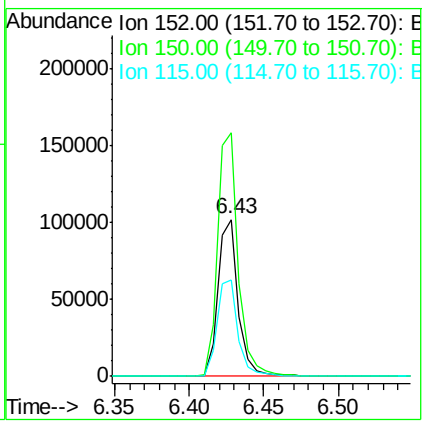


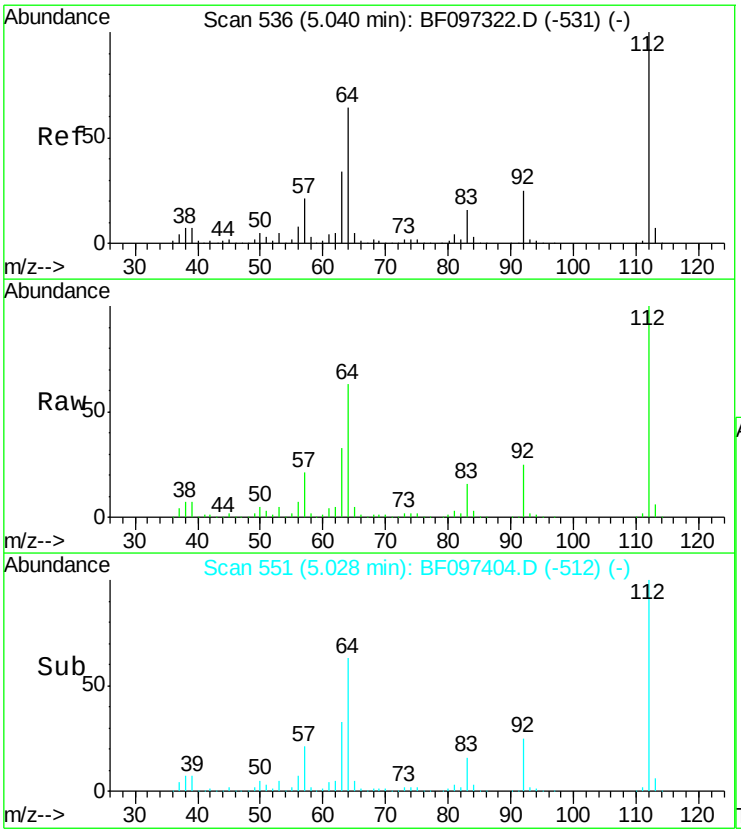
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.43 min Scan# 789
Delta R.T. -0.07 min
Lab File: BF097404.D
Acq: 5 Aug 2017 18:27

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 97208

Ion	Ratio	Lower	Upper
152	100		
150	155.5	126.2	189.2
115	61.8	52.2	78.2

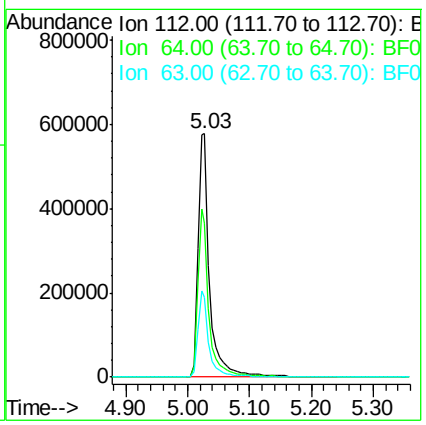


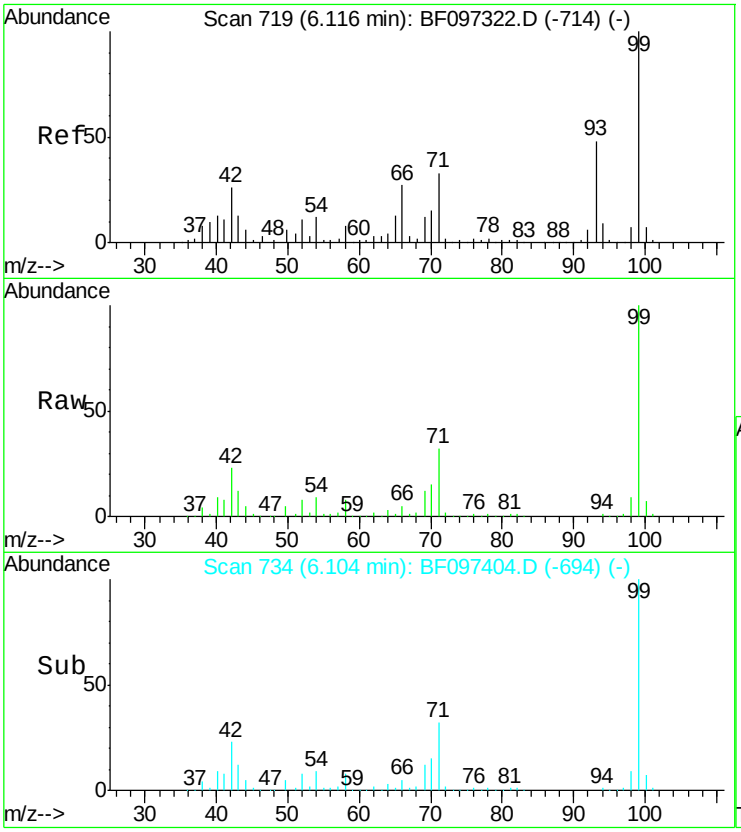


#5
2-Fluorophenol
Concen: 120.09 ng
RT: 5.03 min Scan# 551
Delta R.T. -0.07 min
Lab File: BF097404.D
Acq: 5 Aug 2017 18:27

Tgt Ion:112 Resp: 774379

Ion	Ratio	Lower	Upper
112	100		
64	63.4	46.0	69.0
63	32.8	23.4	35.0



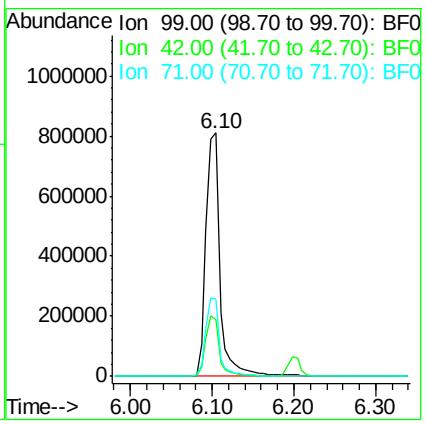


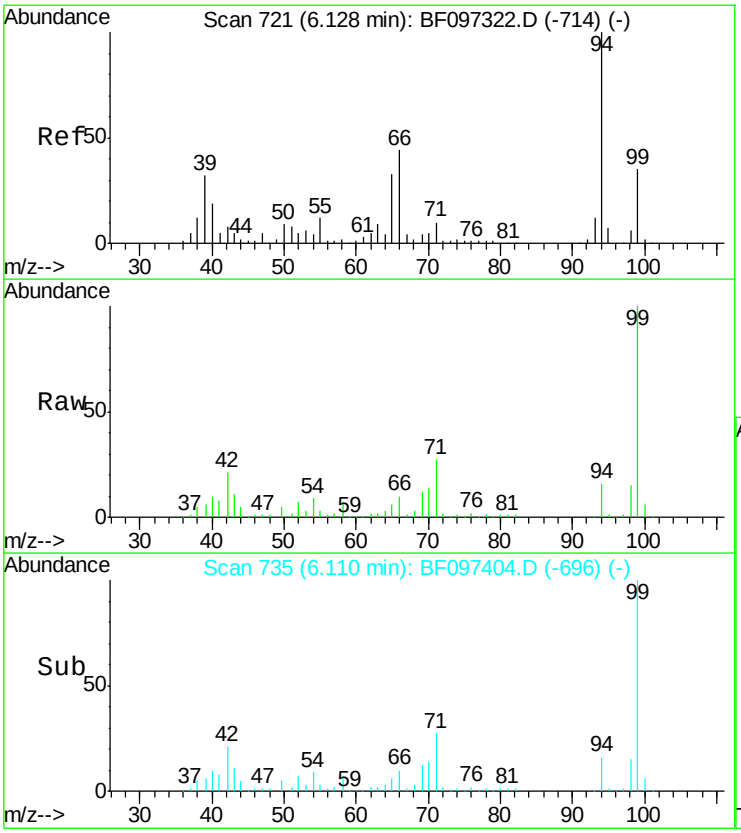
#7
Phenol-d6
Concen: 132.38 ng
RT: 6.10 min Scan# 734
Delta R.T. -0.06 min
Lab File: BF097404.D
Acq: 5 Aug 2017 18:27

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 974511

Ion	Ratio	Lower	Upper
99	100		
42	23.2	13.5	20.3#
71	31.7	24.5	36.7

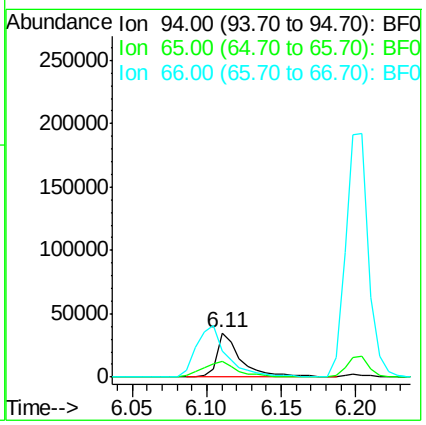


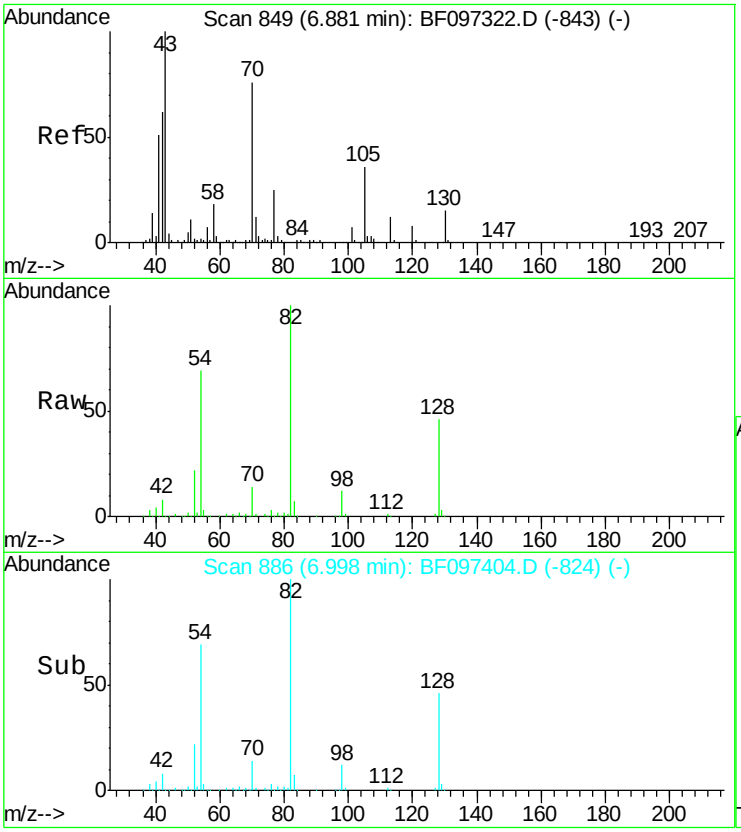


#10
Phenol
Concen: 4.58 ng
RT: 6.11 min Scan# 735
Delta R.T. -0.07 min
Lab File: BF097404.D
Acq: 5 Aug 2017 18:27

Tgt Ion: 94 Resp: 39959

Ion	Ratio	Lower	Upper
94	100		
65	36.4	9.9	49.9
66	59.6	23.1	63.1



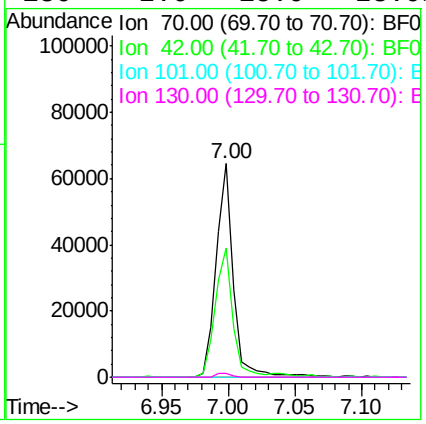


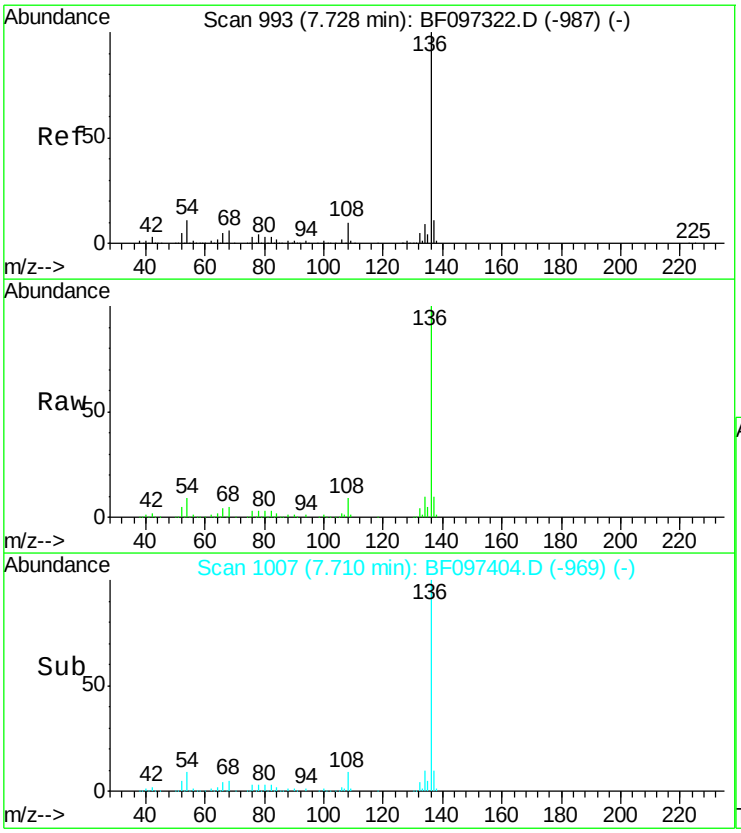
#19
n-Nitroso-di-n-propylamine
Concen: 12.15 ng
RT: 7.00 min Scan# 886
Delta R.T. 0.06 min
Lab File: BF097404.D
Acq: 5 Aug 2017 18:27

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 70 Resp: 58877

Ion	Ratio	Lower	Upper
70	100		
42	60.3	47.2	70.8
101	0.0	7.2	10.8#
130	2.0	15.9	23.9#

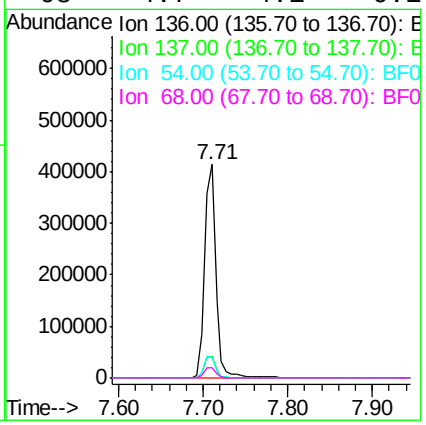


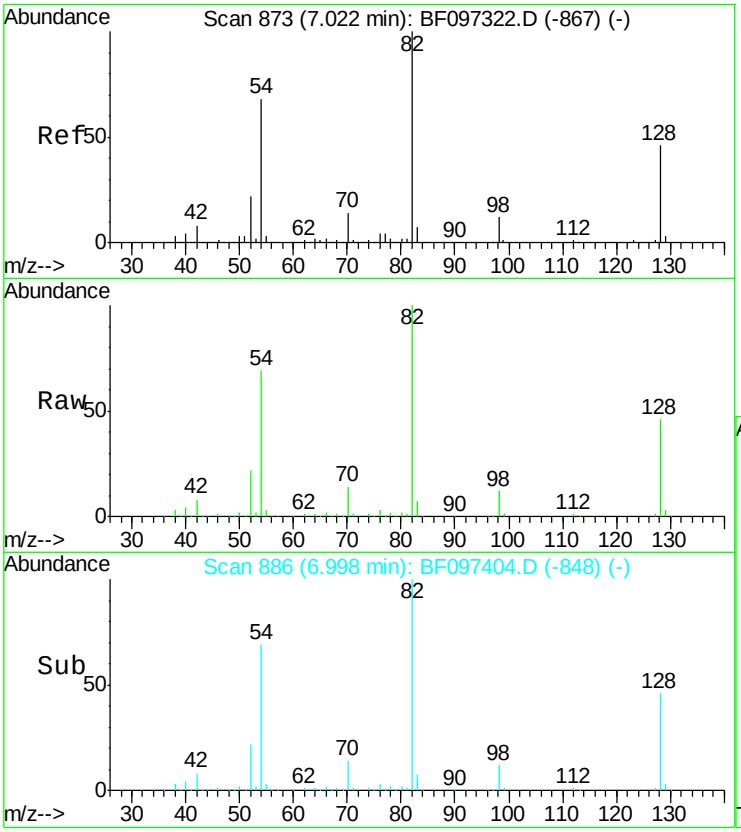


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.71 min Scan# 1007
Delta R.T. -0.08 min
Lab File: BF097404.D
Acq: 5 Aug 2017 18:27

Tgt Ion:136 Resp: 385282

Ion	Ratio	Lower	Upper
136	100		
137	10.2	8.5	12.7
54	9.5	4.9	7.3#
68	4.7	4.1	6.1



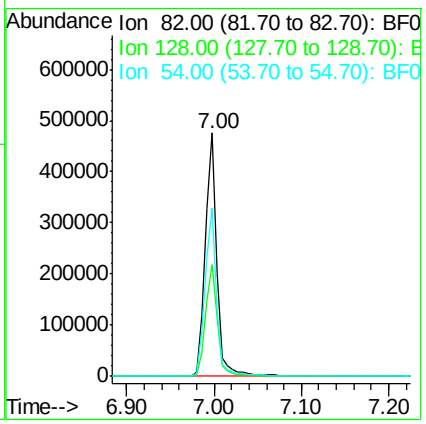


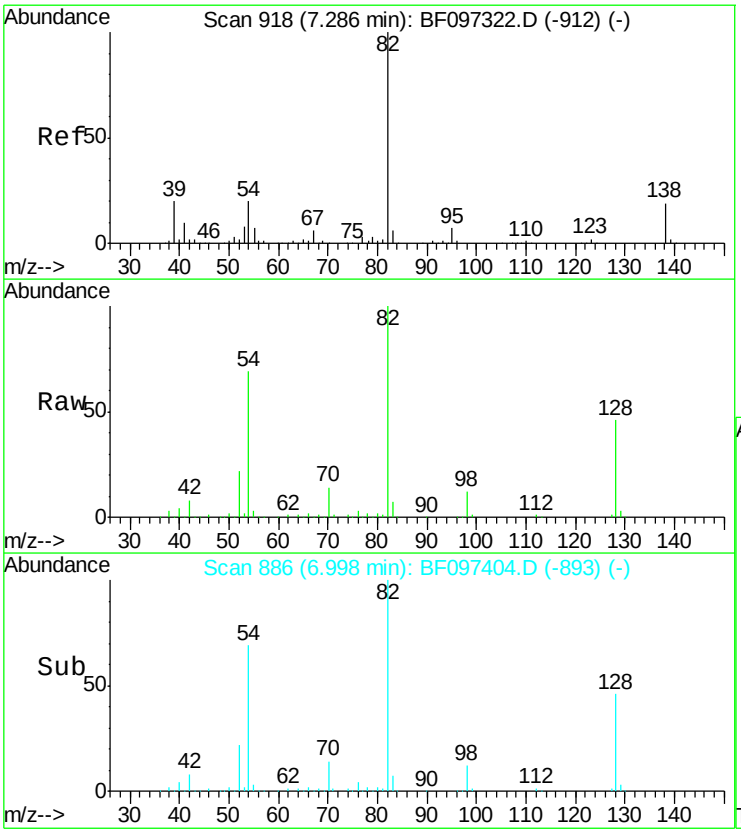
#23
Nitrobenzene-d5
Concen: 67.54 ng
RT: 7.00 min Scan# 886
Delta R.T. -0.08 min
Lab File: BF097404.D
Acq: 5 Aug 2017 18:27

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 443590

Ion	Ratio	Lower	Upper
82	100		
128	46.0	34.0	51.0
54	68.8	42.2	63.2#

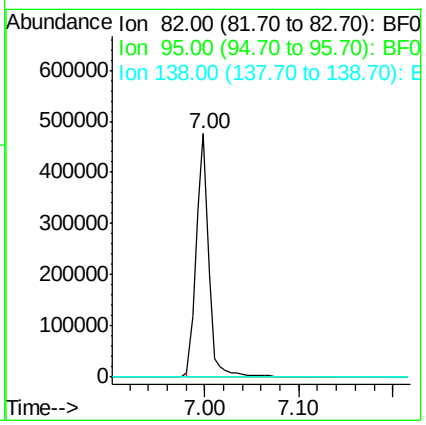


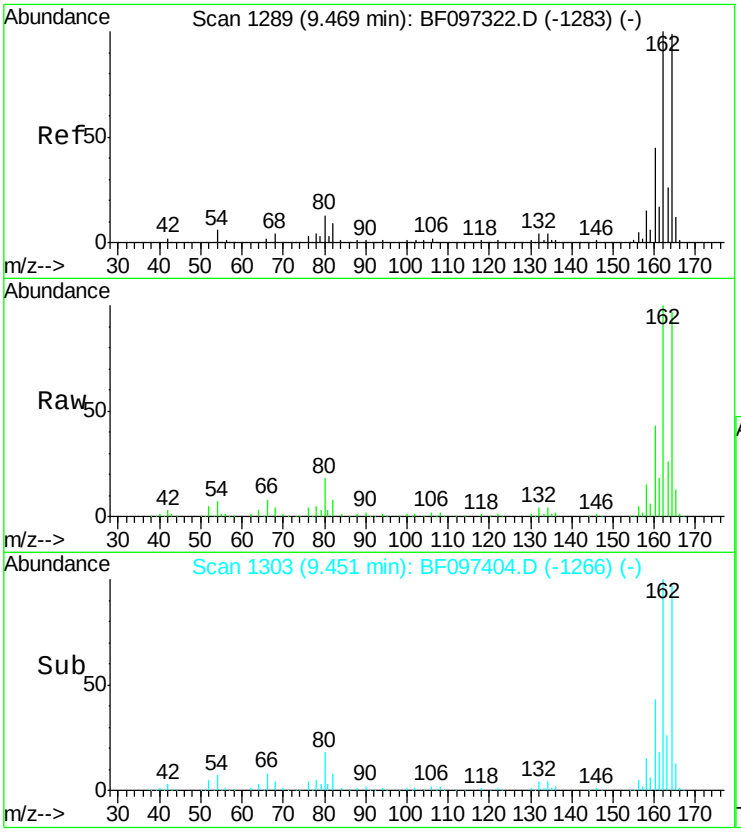


#25
Isophorone
Concen: 33.85 ng
RT: 7.00 min Scan# 886
Delta R.T. -0.34 min
Lab File: BF097404.D
Acq: 5 Aug 2017 18:27

Tgt Ion: 82 Resp: 435398

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



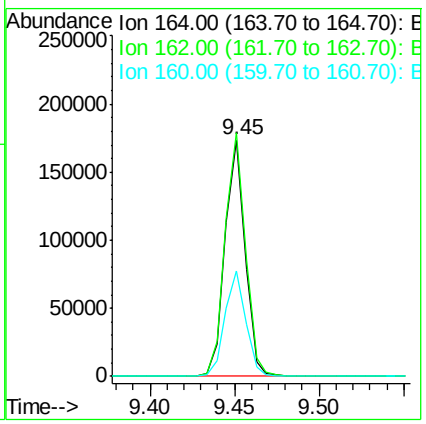


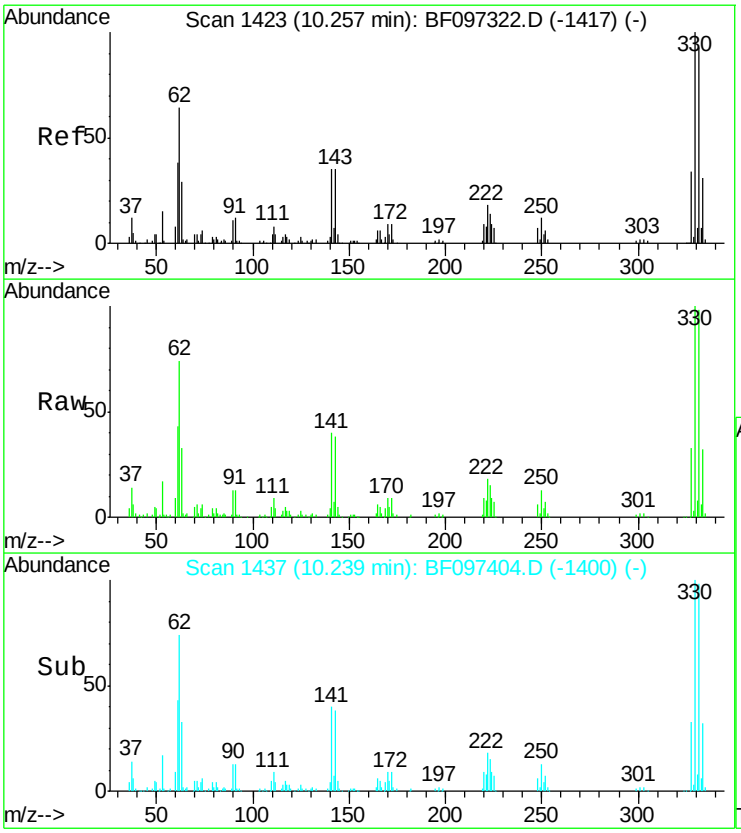
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.45 min Scan# 1303
Delta R.T. -0.08 min
Lab File: BF097404.D
Acq: 5 Aug 2017 18:27

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 144094

Ion	Ratio	Lower	Upper
164	100		
162	103.0	82.6	123.8
160	44.4	36.2	54.2

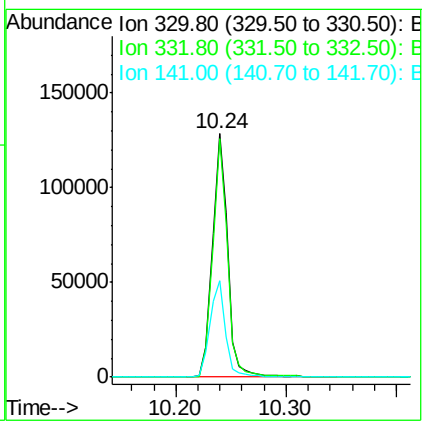


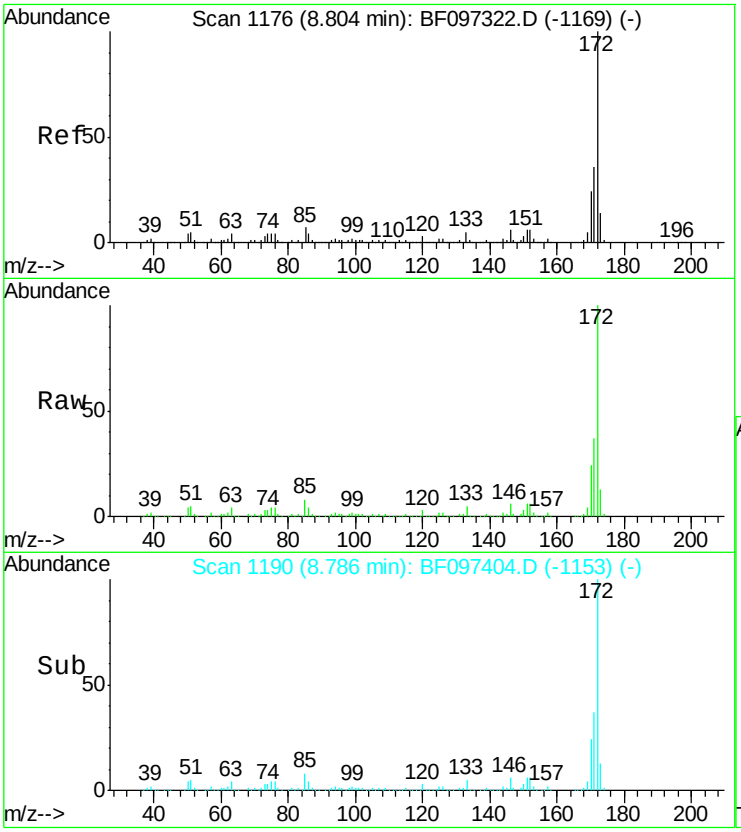


#41
2,4,6-Tribromophenol
Concen: 106.93 ng
RT: 10.24 min Scan# 1437
Delta R.T. -0.08 min
Lab File: BF097404.D
Acq: 5 Aug 2017 18:27

Tgt Ion:330 Resp: 121742

Ion	Ratio	Lower	Upper
330	100		
332	95.7	76.6	115.0
141	40.1	31.4	47.2



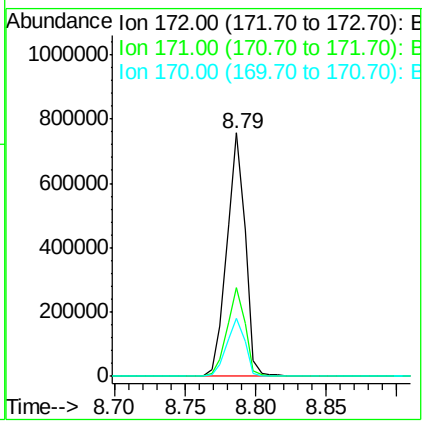


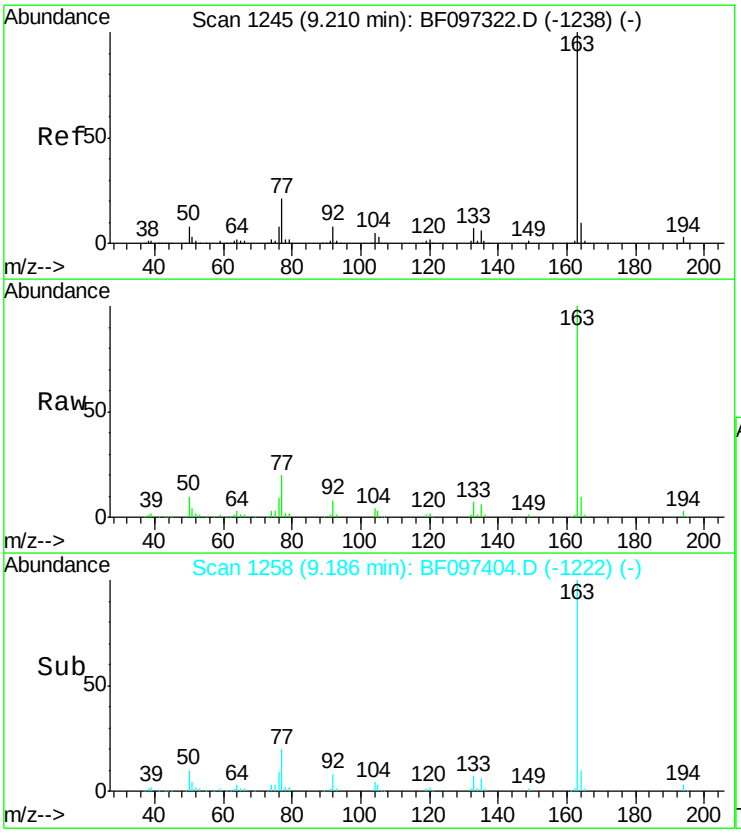
#44
2-Fluorobiphenyl
Concen: 80.59 ng
RT: 8.79 min Scan# 1190
Delta R.T. -0.08 min
Lab File: BF097404.D
Acq: 5 Aug 2017 18:27

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 684277

Ion	Ratio	Lower	Upper
172	100		
171	36.7	29.6	44.4
170	23.8	19.8	29.8

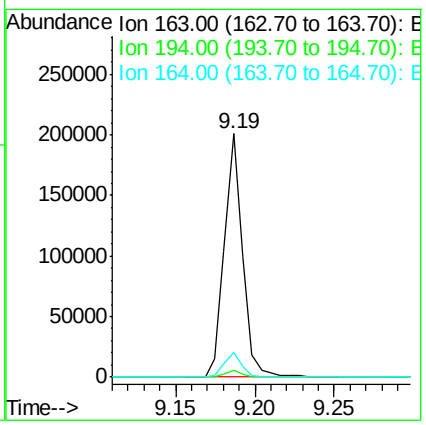


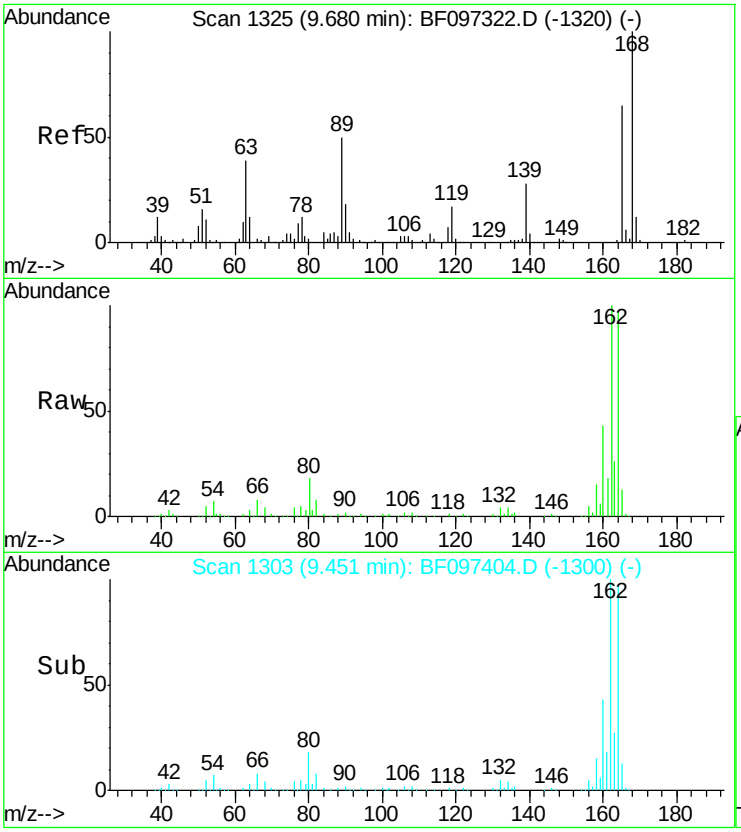


#49
Dimethylphthalate
Concen: 14.63 ng
RT: 9.19 min Scan# 1258
Delta R.T. -0.09 min
Lab File: BF097404.D
Acq: 5 Aug 2017 18:27

Tgt Ion:163 Resp: 160109

Ion	Ratio	Lower	Upper
163	100		
194	2.9	2.6	4.0
164	10.2	8.4	12.6



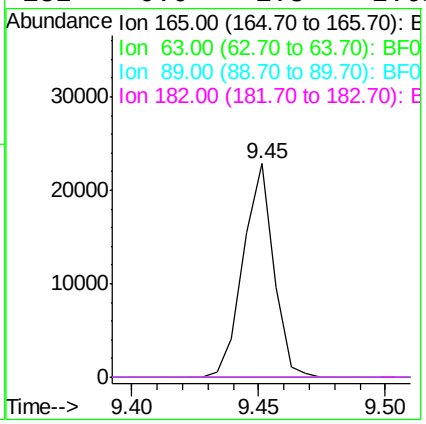


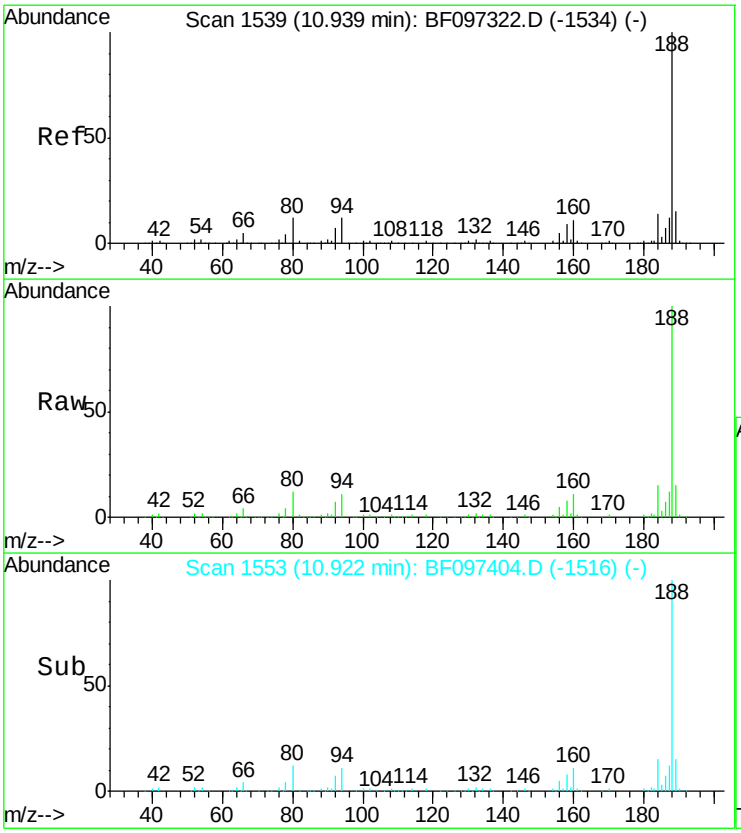
#56
2,4-Dinitrotoluene
Concen: 7.17 ng
RT: 9.45 min Scan# 1303
Delta R.T. -0.28 min
Lab File: BF097404.D
Acq: 5 Aug 2017 18:27

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 19134

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#

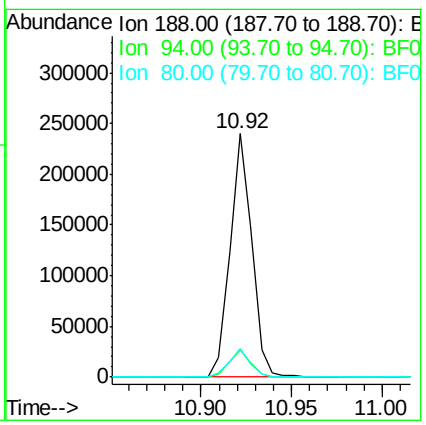


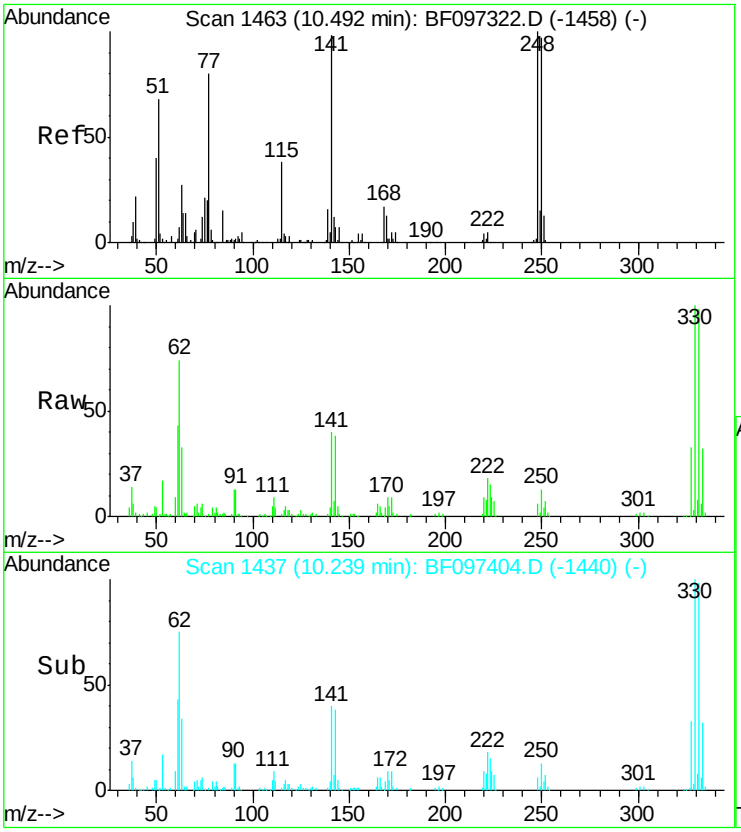


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 10.92 min Scan# 1553
Delta R.T. -0.08 min
Lab File: BF097404.D
Acq: 5 Aug 2017 18:27

Tgt Ion:188 Resp: 201305

Ion	Ratio	Lower	Upper
188	100		
94	11.3	9.4	14.2
80	11.7	10.2	15.2



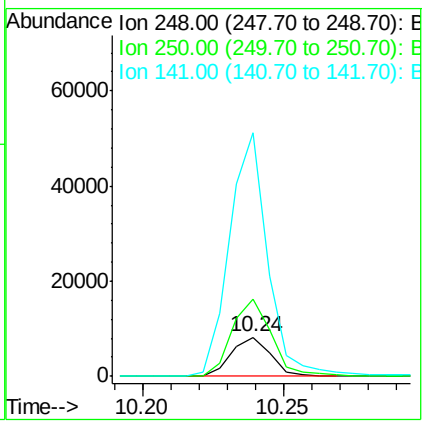


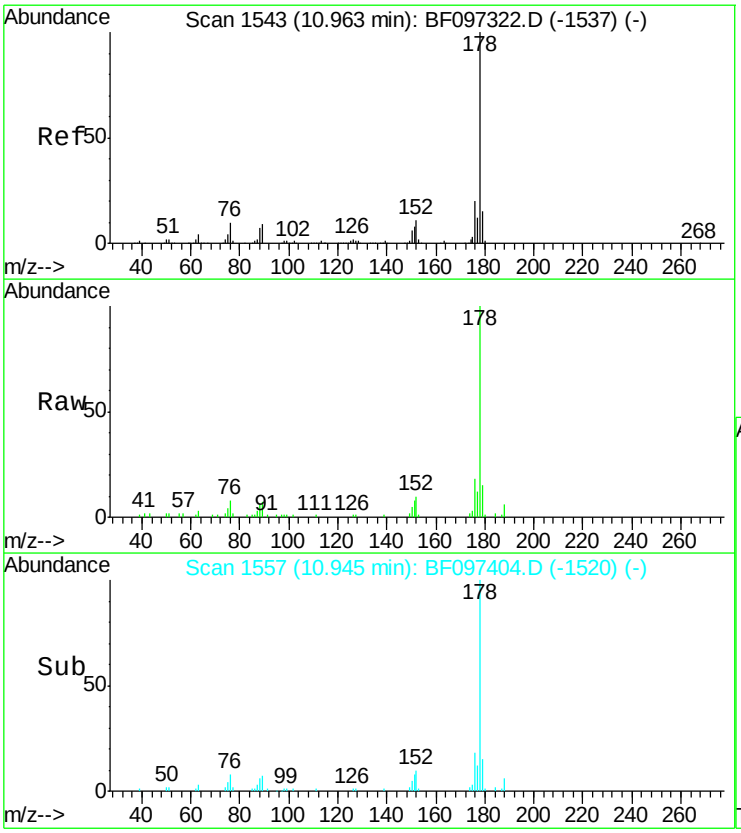
#66
4-Bromophenyl-phenylether
Concen: 3.91 ng
RT: 10.24 min Scan# 1437
Delta R.T. -0.32 min
Lab File: BF097404.D
Acq: 5 Aug 2017 18:27

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:248 Resp: 7859

Ion	Ratio	Lower	Upper
248	100		
250	198.5	76.8	115.2#
141	622.0	68.6	103.0#

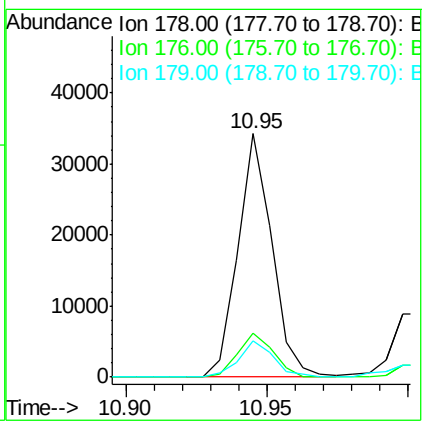


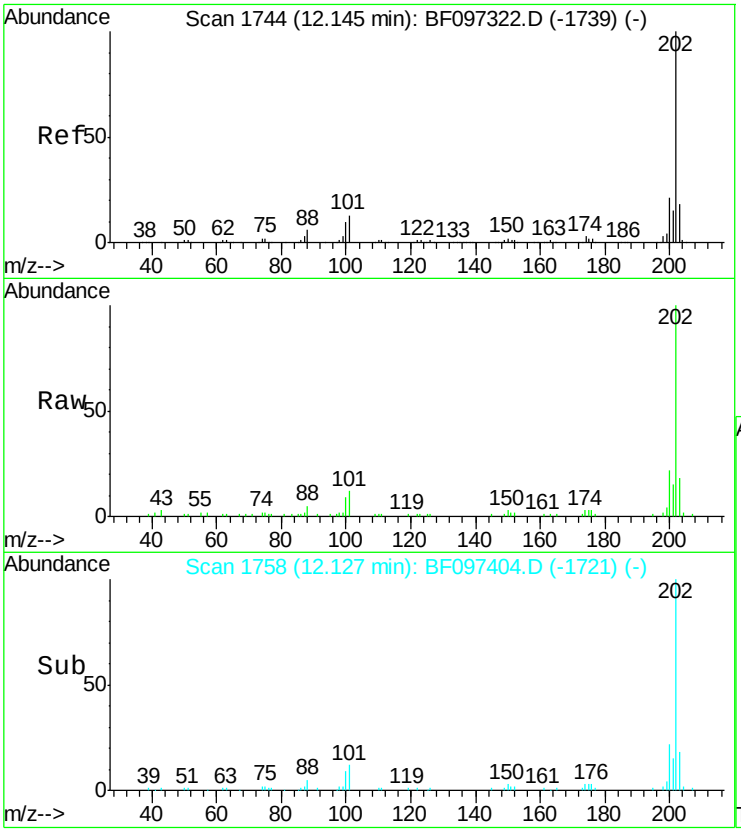


#70
Phenanthrene
Concen: 2.67 ng
RT: 10.95 min Scan# 1557
Delta R.T. -0.08 min
Lab File: BF097404.D
Acq: 5 Aug 2017 18:27

Tgt Ion:178 Resp: 28782

Ion	Ratio	Lower	Upper
178	100		
176	17.9	16.2	24.4
179	14.7	12.6	19.0



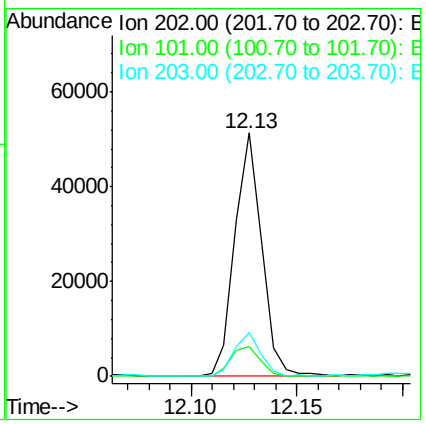


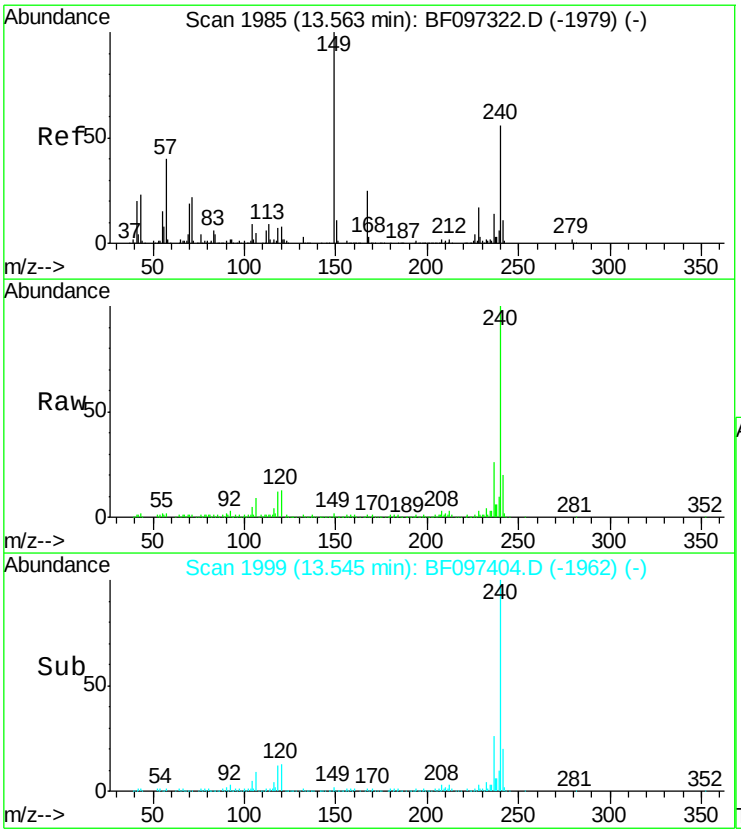
#74
Fluoranthene
Concen: 4.28 ng
RT: 12.13 min Scan# 1758
Delta R.T. -0.08 min
Lab File: BF097404.D
Acq: 5 Aug 2017 18:27

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 45176

Ion	Ratio	Lower	Upper
202	100		
101	12.4	0.0	33.2
203	17.9	0.0	38.1

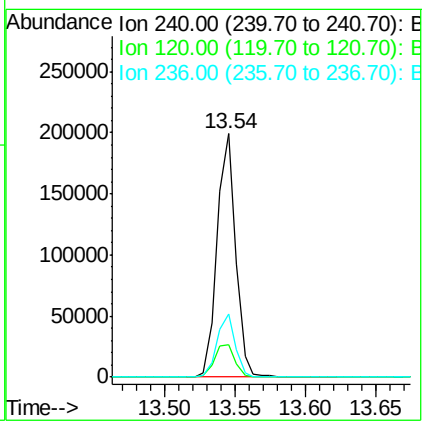


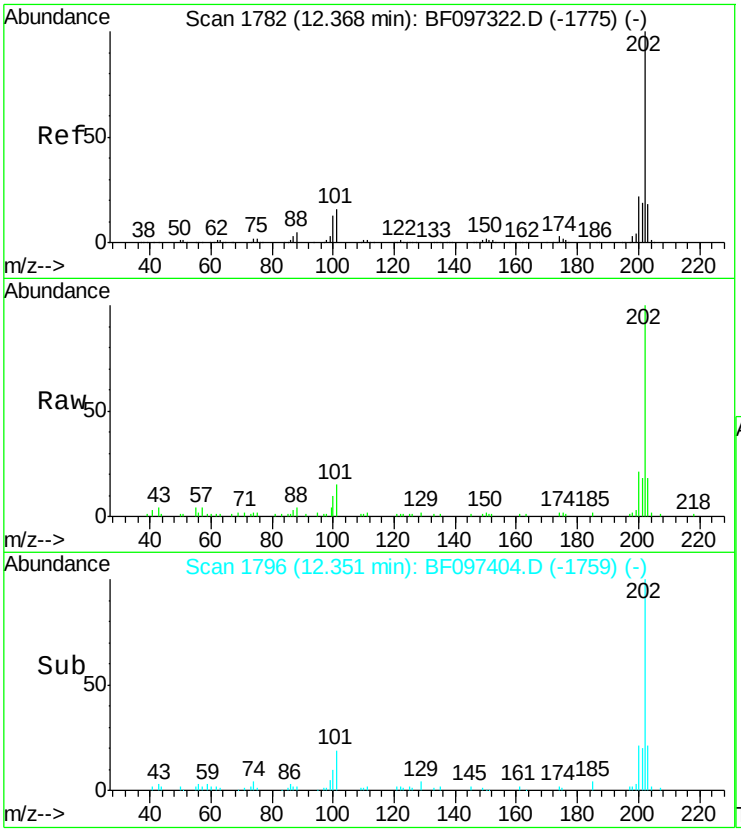


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.54 min Scan# 1999
Delta R.T. -0.08 min
Lab File: BF097404.D
Acq: 5 Aug 2017 18:27

Tgt Ion:240 Resp: 182807

Ion	Ratio	Lower	Upper
240	100		
120	13.2	5.8	8.8#
236	25.8	20.5	30.7



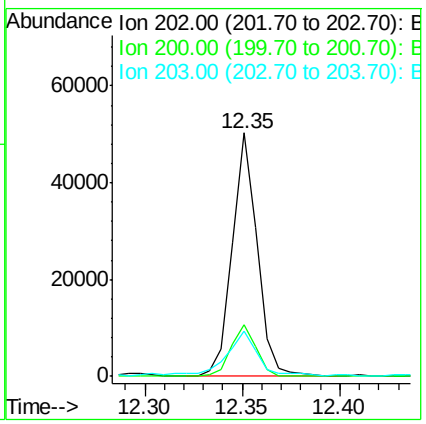


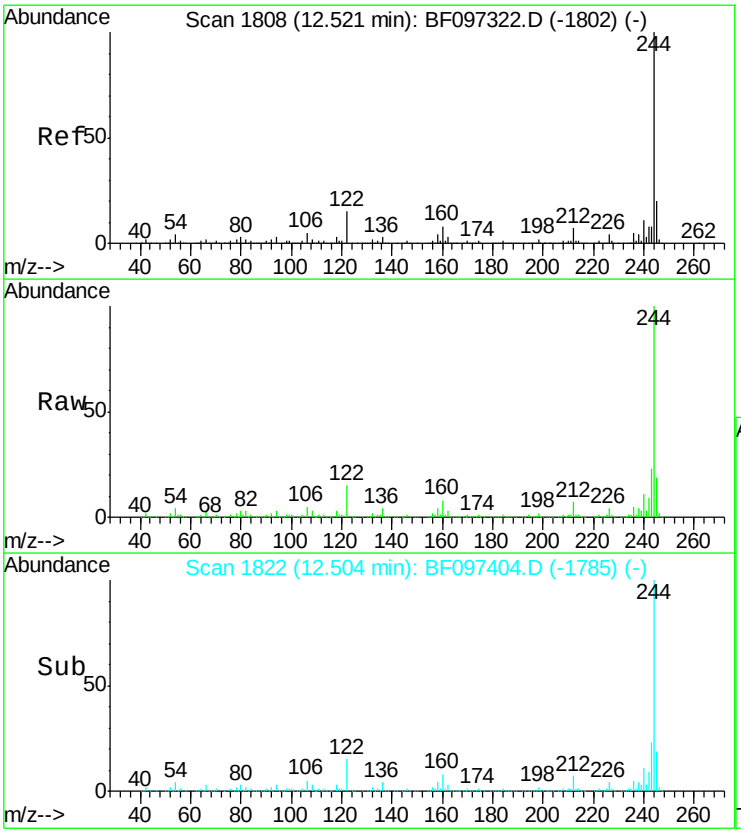
#77
Pyrene
Concen: 3.00 ng
RT: 12.35 min Scan# 1796
Delta R.T. -0.08 min
Lab File: BF097404.D
Acq: 5 Aug 2017 18:27

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 44903

Ion	Ratio	Lower	Upper
202	100		
200	21.2	17.6	26.4
203	18.5	14.4	21.6

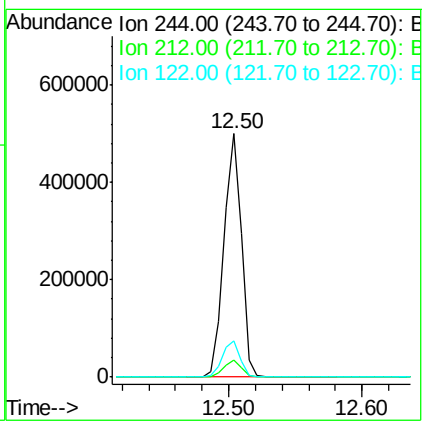


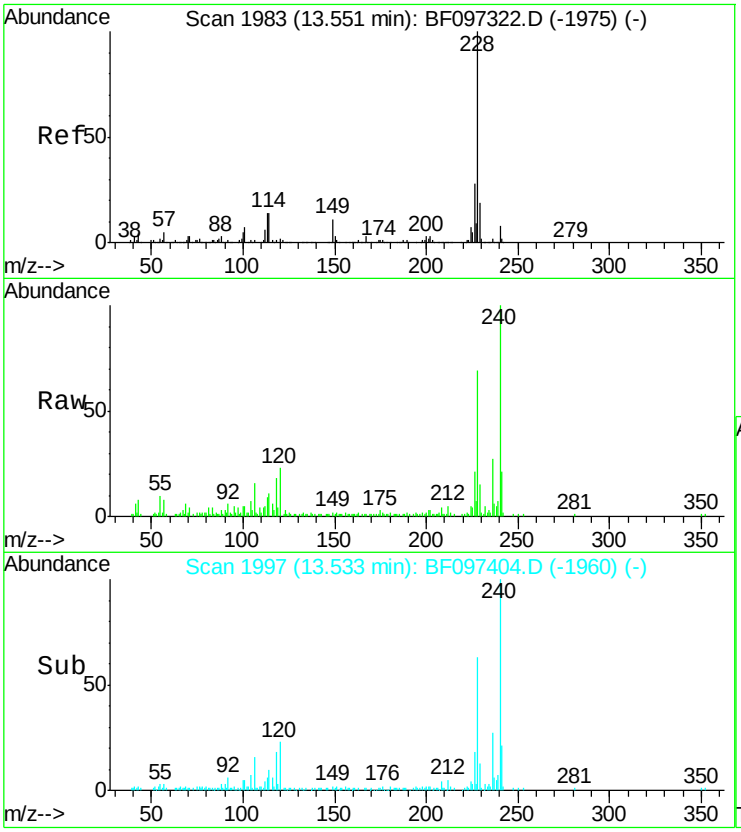


#78
Terphenyl-d14
Concen: 51.70 ng
RT: 12.50 min Scan# 1822
Delta R.T. -0.08 min
Lab File: BF097404.D
Acq: 5 Aug 2017 18:27

Tgt Ion:244 Resp: 463563

Ion	Ratio	Lower	Upper
244	100		
212	6.9	6.0	9.0
122	14.8	10.3	15.5



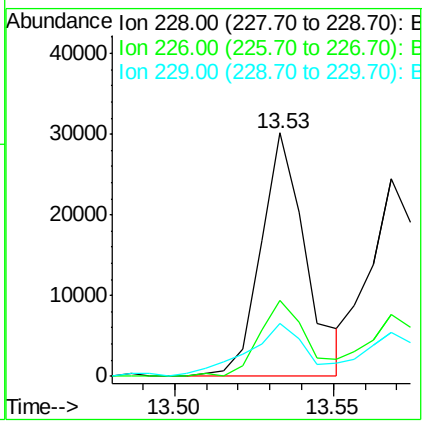


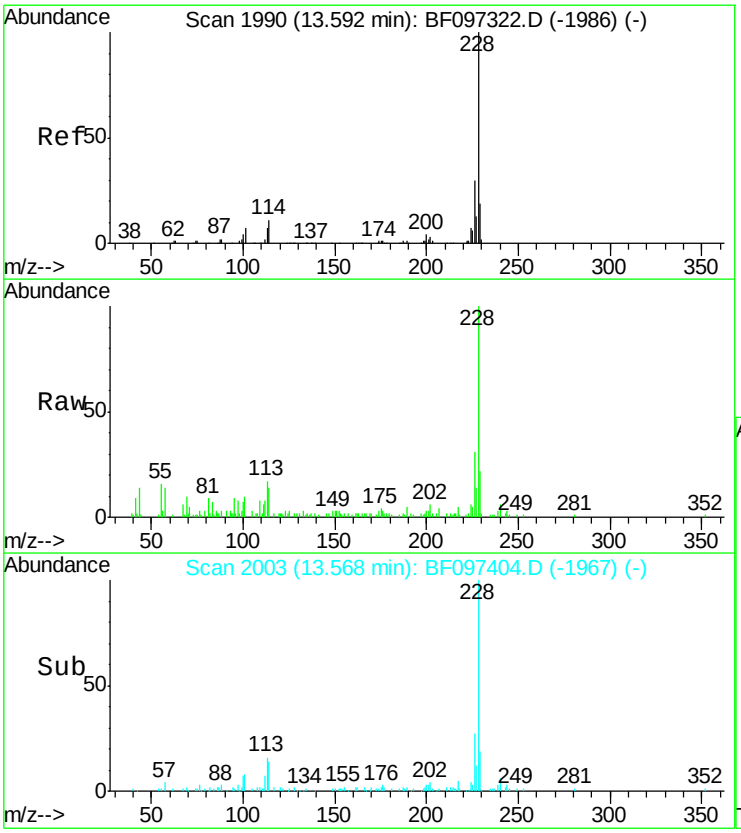
#80
Benzo(a)anthracene
Concen: 2.52 ng
RT: 13.53 min Scan# 1997
Delta R.T. -0.08 min
Lab File: BF097404.D
Acq: 5 Aug 2017 18:27

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 29773

Ion	Ratio	Lower	Upper
228	100		
226	31.2	22.6	33.8
229	21.9	16.3	24.5

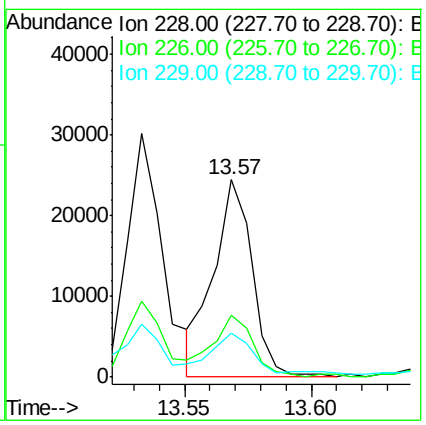


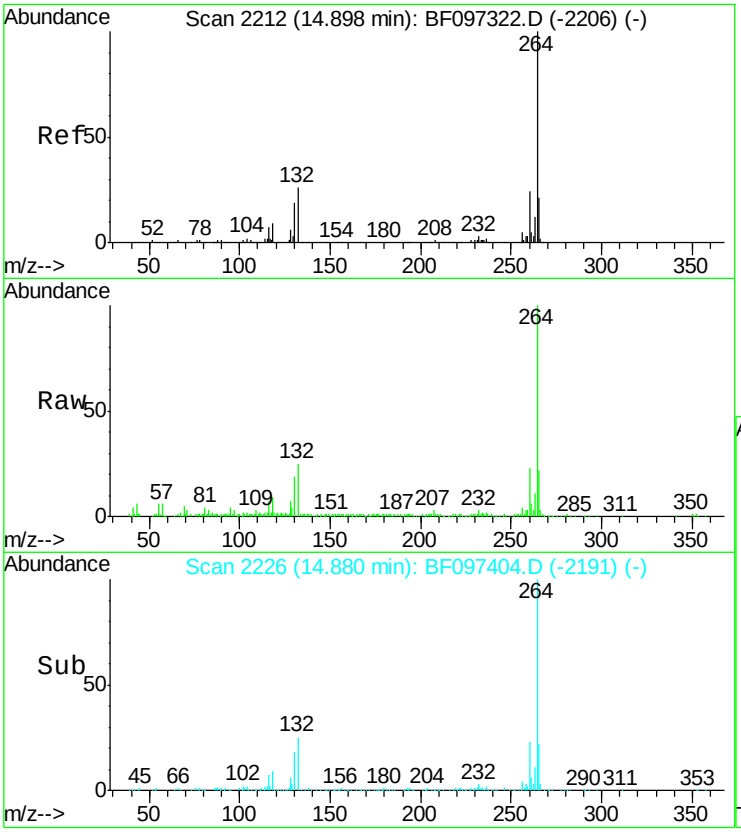


#82
Chrysene
Concen: 2.25 ng
RT: 13.57 min Scan# 2003
Delta R.T. -0.09 min
Lab File: BF097404.D
Acq: 5 Aug 2017 18:27

Tgt Ion:228 Resp: 25983

Ion	Ratio	Lower	Upper
228	100		
226	31.4	24.9	37.3
229	22.4	15.8	23.6



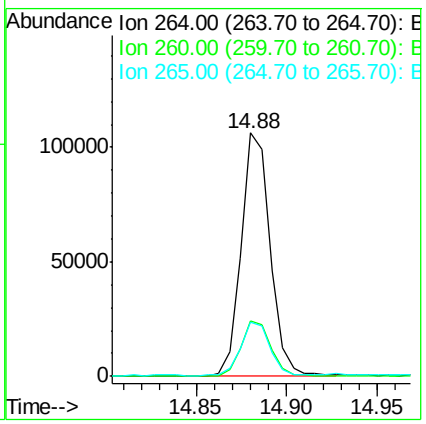


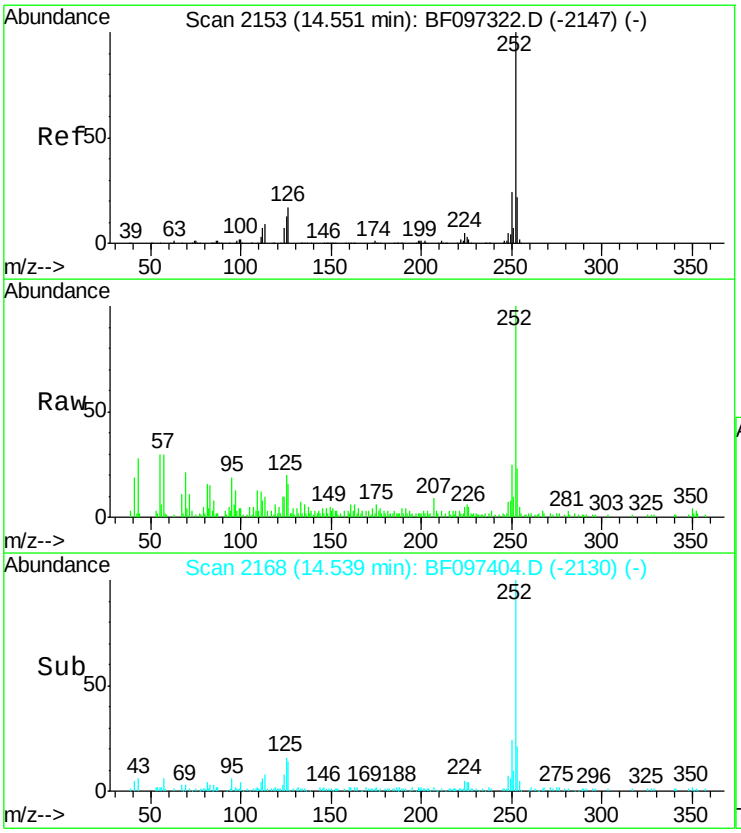
#86
Perylene-d12
Concen: 20.00 ng
RT: 14.88 min Scan# 2226
Delta R.T. -0.09 min
Lab File: BF097404.D
Acq: 5 Aug 2017 18:27

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 118448

Ion	Ratio	Lower	Upper
264	100		
260	23.0	19.5	29.3
265	22.0	17.2	25.8

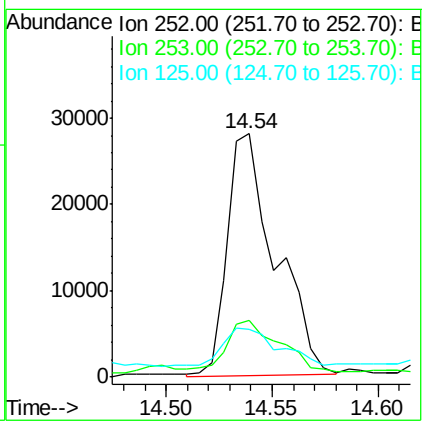


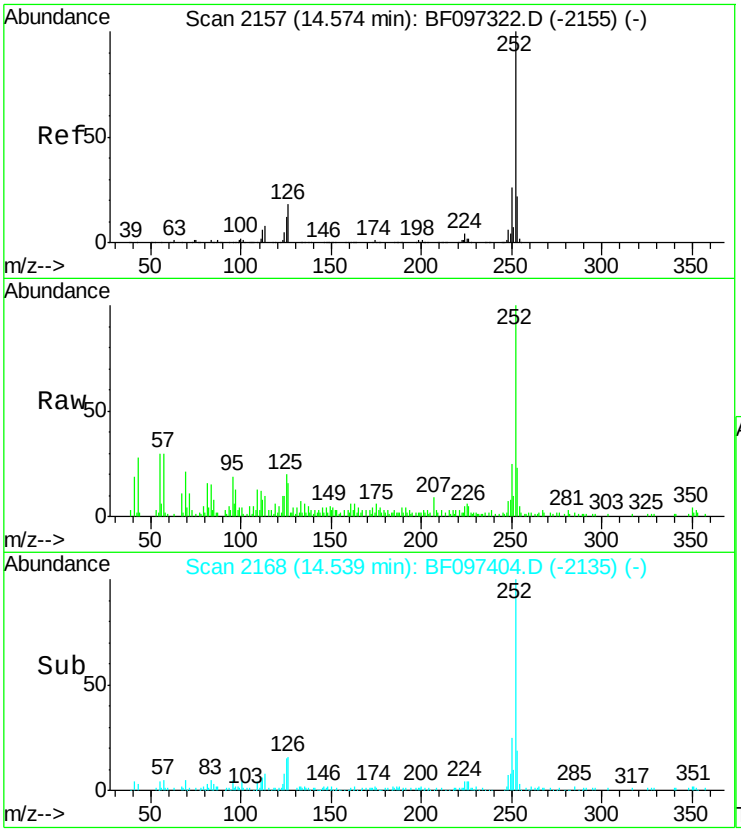


#87
Benzo(b)fluoranthene
Concen: 6.21 ng
RT: 14.54 min Scan# 2168
Delta R.T. -0.08 min
Lab File: BF097404.D
Acq: 5 Aug 2017 18:27

Tgt Ion:252 Resp: 44187

Ion	Ratio	Lower	Upper
252	100		
253	23.4	18.1	27.1
125	19.8	9.8	14.8#



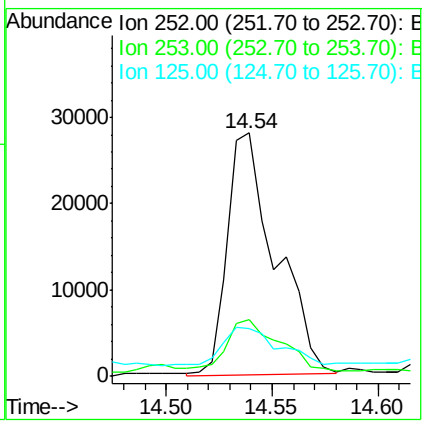


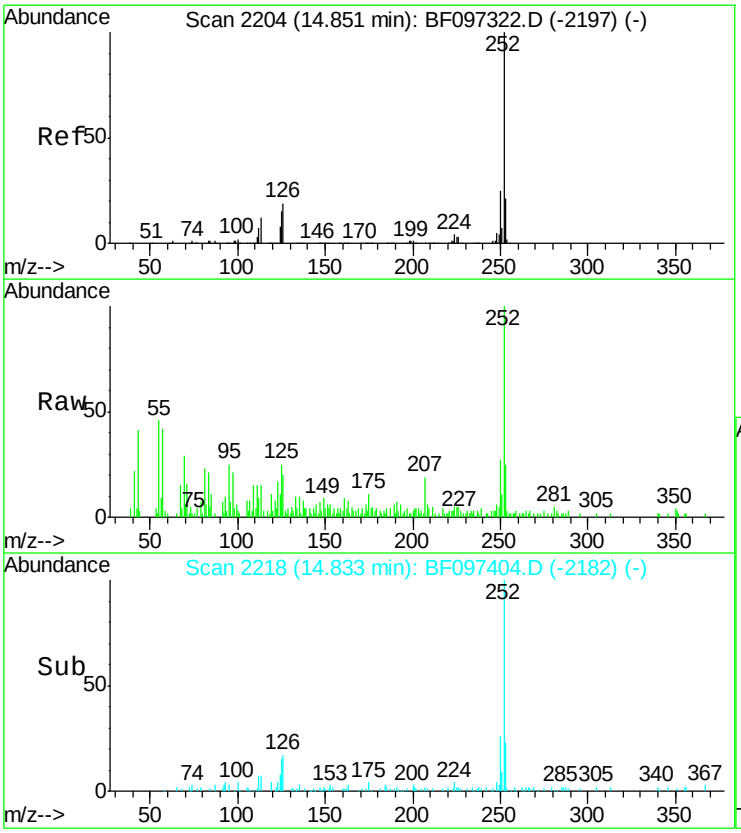
#88
Benzo(k)fluoranthene
Concen: 6.51 ng
RT: 14.54 min Scan# 2168
Delta R.T. -0.11 min
Lab File: BF097404.D
Acq: 5 Aug 2017 18:27

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 44187

Ion	Ratio	Lower	Upper
252	100		
253	23.4	18.4	27.6
125	19.8	13.1	19.7#

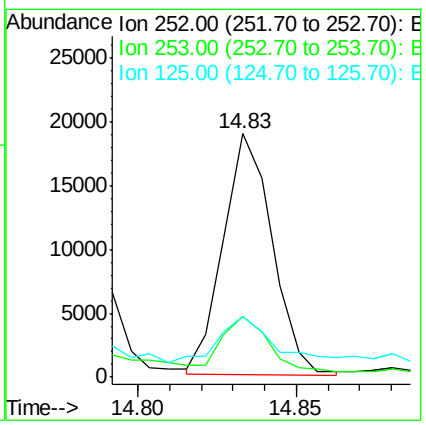


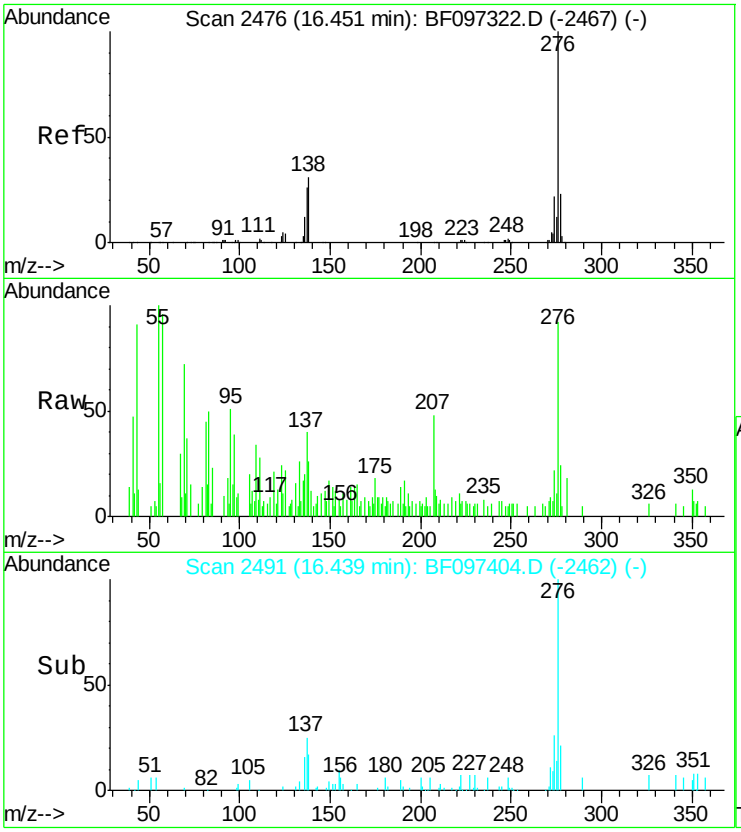


#89
Benzo(a)pyrene
Concen: 3.13 ng
RT: 14.83 min Scan# 2218
Delta R.T. -0.09 min
Lab File: BF097404.D
Acq: 5 Aug 2017 18:27

Tgt Ion:252 Resp: 20372

Ion	Ratio	Lower	Upper
252	100		
253	25.1	17.5	26.3
125	24.7	11.0	16.4#





#91
Benzo(g,h,i)perylene
Concen: 2.07 ng
RT: 16.44 min Scan# 2491
Delta R.T. -0.13 min
Lab File: BF097404.D
Acq: 5 Aug 2017 18:27

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 11606

Ion	Ratio	Lower	Upper
276	100		
277	26.6	18.6	28.0
138	28.5	25.4	38.0