Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080817\
Data File : BF097489.D
Acq On : 9 Aug 2017 00:55
Operator : SJ/JU
Sample : I4657-07
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Aug 09 03:14:37 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 07 16:02:51 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.40	152	106817	20.00	ng		0.00
21) Naphthalene-d8	7.69	136	397026	20.00	ng		-0.01
38) Acenaphthene-d10	9.43	164	164895	20.00	ng		0.00
63) Phenanthrene-d10	10.90	188	217126	20.00	ng		-0.01
75) Chrysene-d12	13.53	240	177552	20.00	ng		0.00
86) Perylene-d12	14.87	264	130436	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.00	112	616333	86.98	ng		0.00
7) Phenol-d6	6.08	99	750100	92.73	ng		0.00
23) Nitrobenzene-d5	6.98	82	379140	56.02	ng		-0.01
41) 2,4,6-Tribromophenol	10.22	330	100319	77.00	ng		-0.01
44) 2-Fluorobiphenyl	8.77	172	539314	55.51	ng		0.00
78) Terphenyl-d14	12.49	244	308148	35.39	ng		-0.01
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	6.98	70	51182	9.61	ng	#	89
25) Isophorone	6.98	82	379136	28.61	ng	#	67
48) Acenaphthylene	9.30	152	31989	2.01	ng		96
49) Dimethylphthalate	9.17	163	159625	12.75	ng		99
55) 4-Nitrophenol	9.64	139	4459	2.27	ng	#	31
57) Fluorene	9.98	166	28476	3.04	ng		96
66) 4-Bromophenyl-phenylether	10.22	248	6059	2.80	ng	#	1
70) Phenanthrene	10.93	178	180610	15.52	ng		98
71) Anthracene	10.98	178	59565	5.00	ng		99
74) Fluoranthene	12.11	202	236858	20.78	ng		98
77) Pyrene	12.33	202	245725	16.91	ng		99
80) Benzo(a)anthracene	13.52	228	89822	7.82	ng		95
82) Chrysene	13.56	228	89559	7.98	ng		96
85) Indeno(1,2,3-cd)pyrene	16.07	276	26138	2.72	ng	#	91
87) Benzo(b)fluoranthene	14.53	252	108493	13.84	ng	#	88
88) Benzo(k)fluoranthene	14.83	252	54102	7.24	ng		99
89) Benzo(a)pyrene	14.83	252	59889	8.35	ng	#	95
91) Benzo(g,h,i)perylene	16.43	276	31072	5.04	ng	#	90

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080817\
Data File : BF097489.D
Acq On : 9 Aug 2017 00:55
Operator : SJ/JU
Sample : I4657-07
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Aug 09 03:14:37 2017
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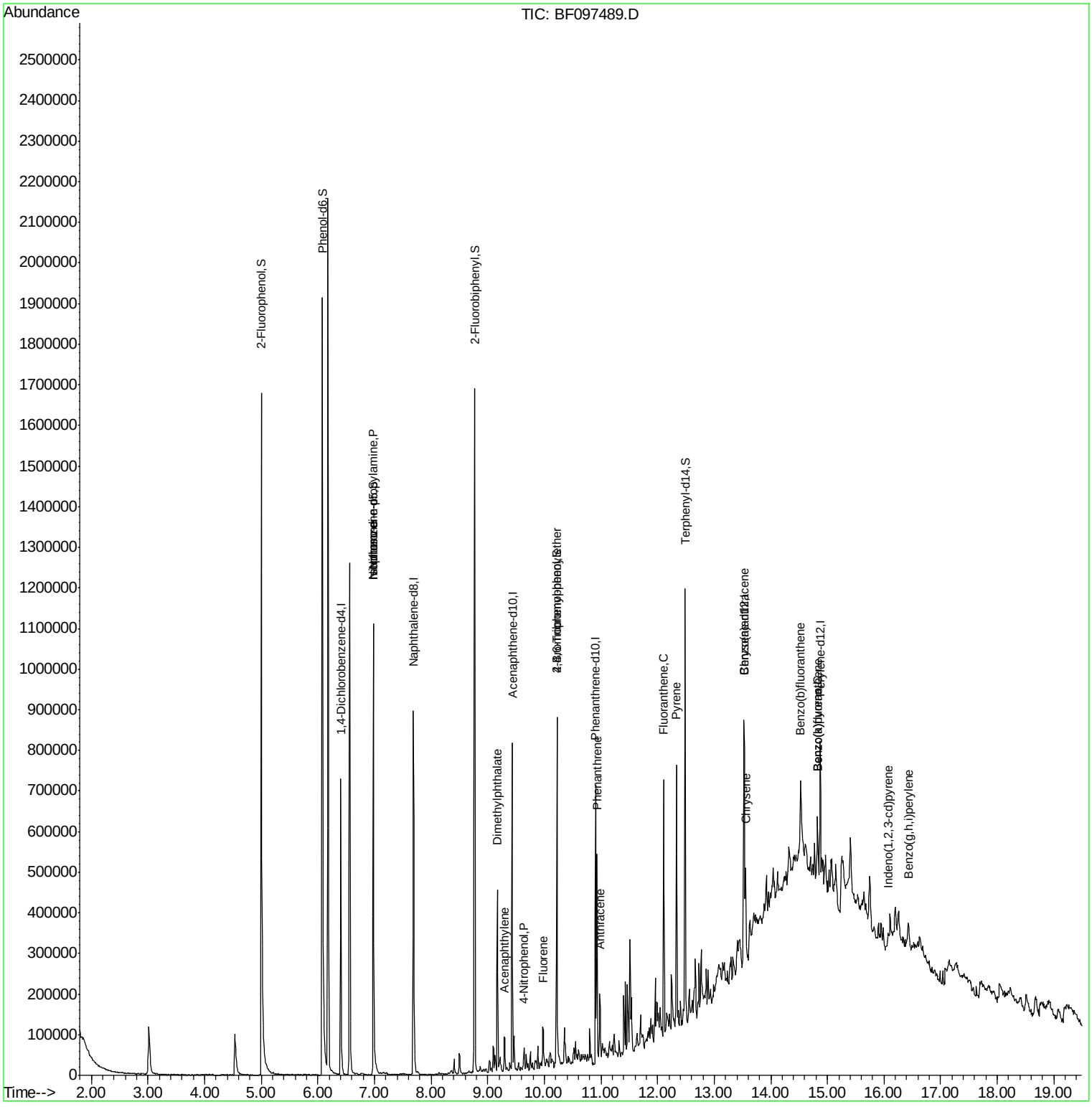
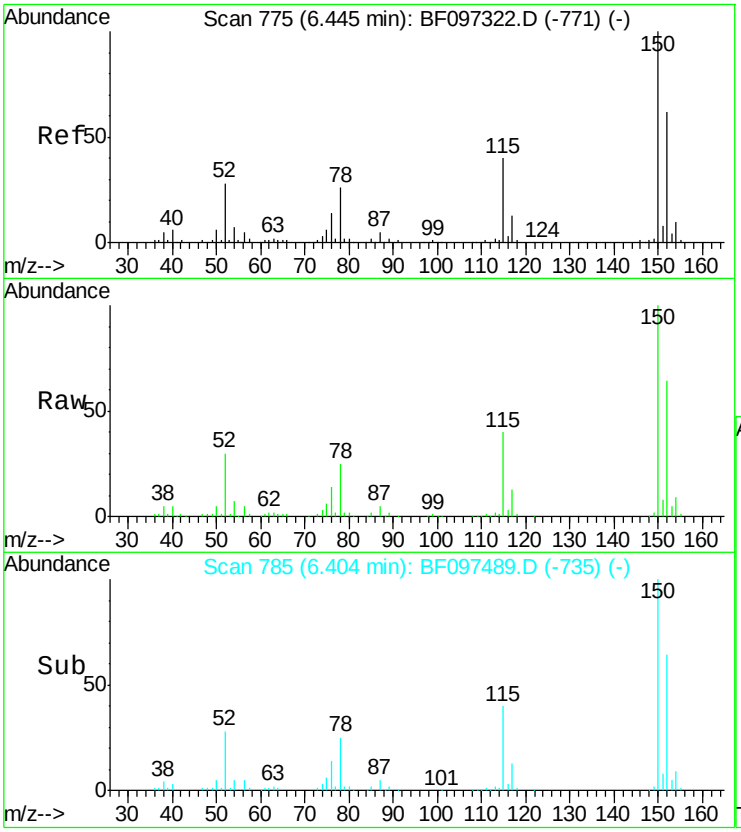


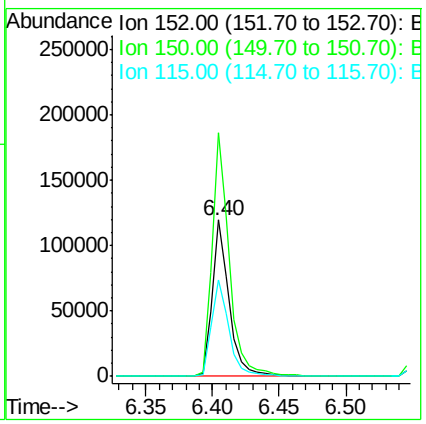


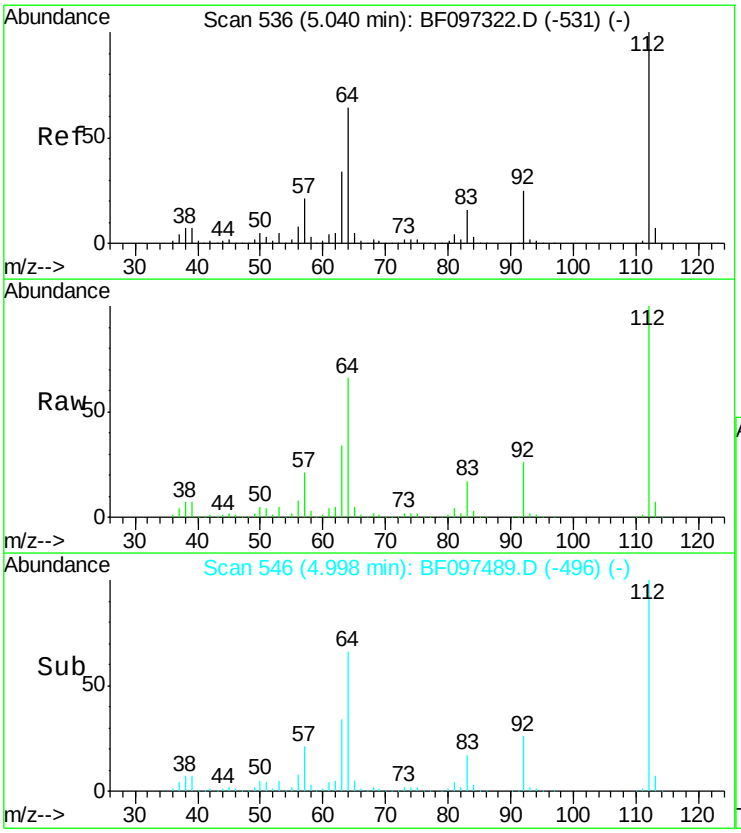
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.40 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF097489.D
Acq: 9 Aug 2017 00:55

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 106817

Ion	Ratio	Lower	Upper
152	100		
150	155.9	126.2	189.2
115	62.1	52.2	78.2

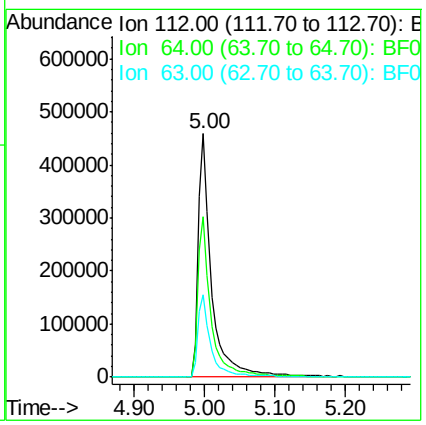


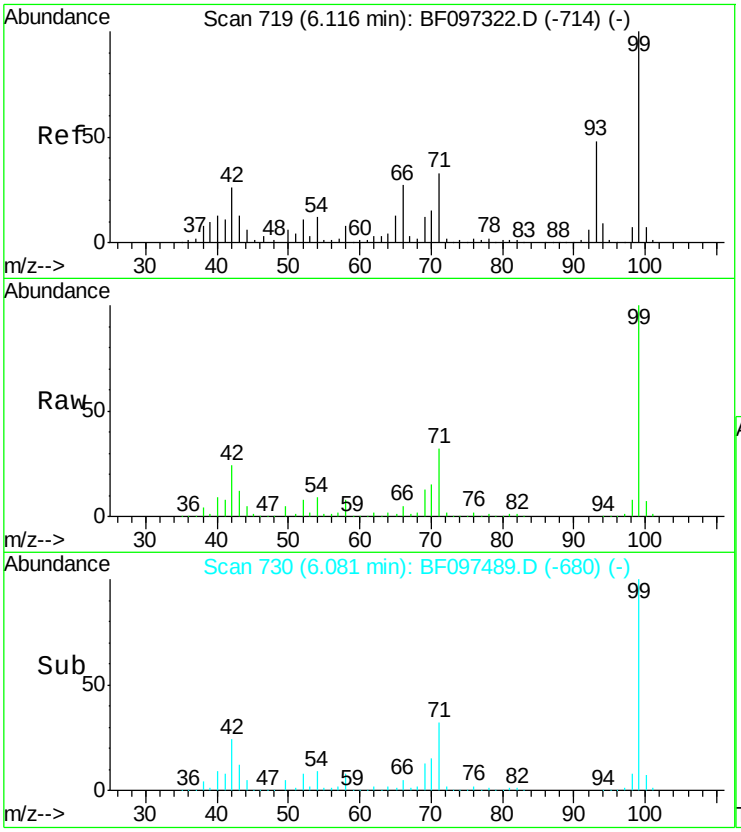


#5
2-Fluorophenol
Concen: 86.98 ng
RT: 5.00 min Scan# 546
Delta R.T. -0.01 min
Lab File: BF097489.D
Acq: 9 Aug 2017 00:55

Tgt Ion:112 Resp: 616333

Ion	Ratio	Lower	Upper
112	100		
64	65.8	46.0	69.0
63	33.8	23.4	35.0



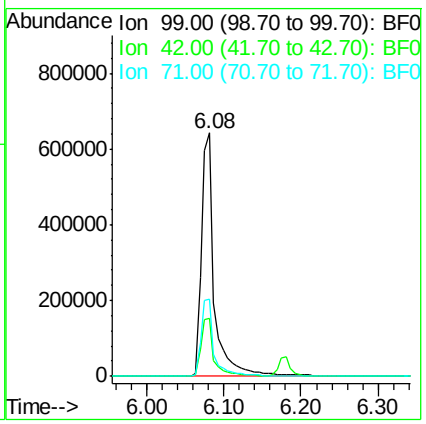


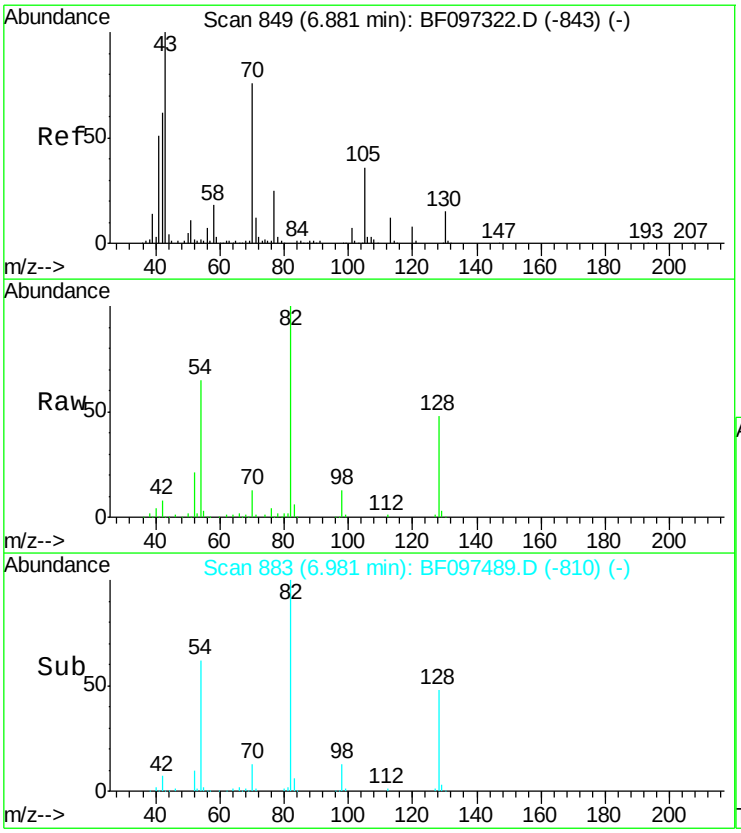
#7
Phenol-d6
Concen: 92.73 ng
RT: 6.08 min Scan# 730
Delta R.T. -0.01 min
Lab File: BF097489.D
Acq: 9 Aug 2017 00:55

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 750100

Ion	Ratio	Lower	Upper
99	100		
42	23.6	13.5	20.3#
71	31.9	24.5	36.7

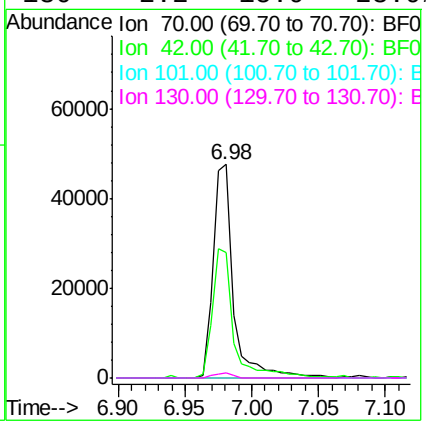


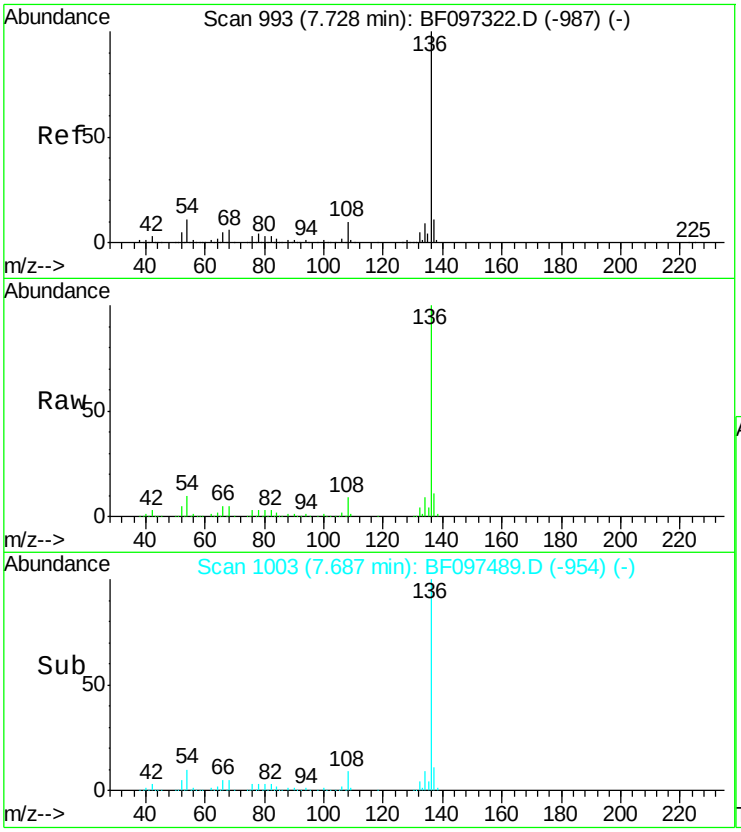


#19
n-Nitroso-di-n-propylamine
Concen: 9.61 ng
RT: 6.98 min Scan# 883
Delta R.T. 0.13 min
Lab File: BF097489.D
Acq: 9 Aug 2017 00:55

Tgt Ion: 70 Resp: 51182

Ion	Ratio	Lower	Upper
70	100		
42	58.9	47.2	70.8
101	0.0	7.2	10.8#
130	2.2	15.9	23.9#



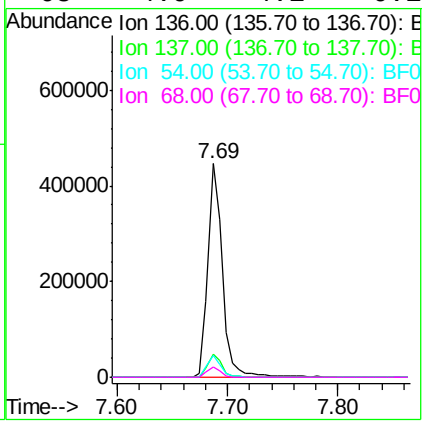


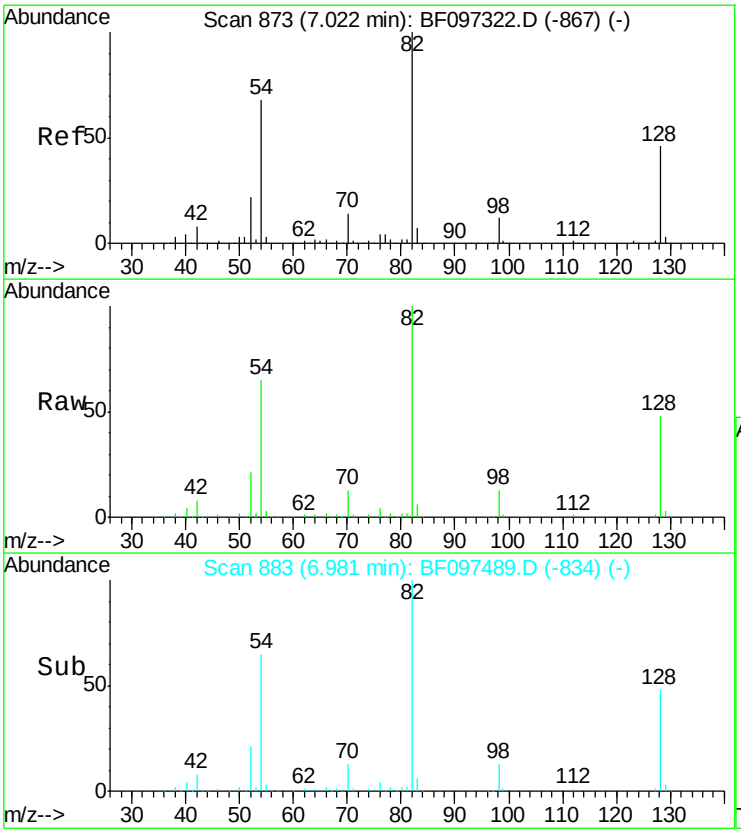
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.69 min Scan# 1003
Delta R.T. -0.01 min
Lab File: BF097489.D
Acq: 9 Aug 2017 00:55

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 397026

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.5	12.7
54	10.4	4.9	7.3#
68	4.9	4.1	6.1

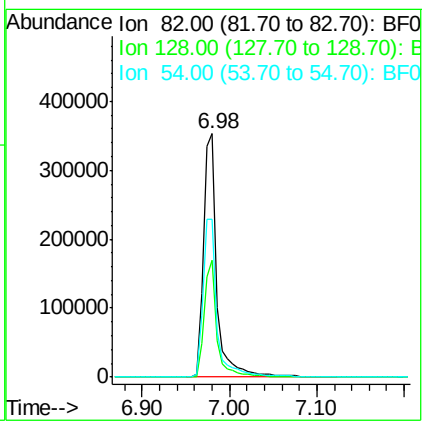


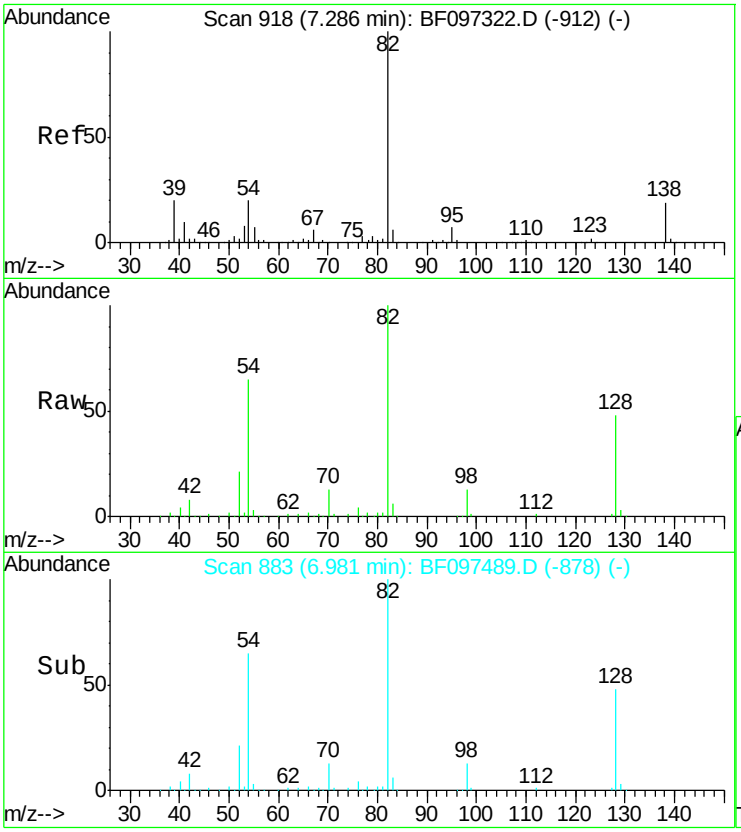


#23
Nitrobenzene-d5
Concen: 56.02 ng
RT: 6.98 min Scan# 883
Delta R.T. -0.01 min
Lab File: BF097489.D
Acq: 9 Aug 2017 00:55

Tgt Ion: 82 Resp: 379140

Ion	Ratio	Lower	Upper
82	100		
128	48.0	34.0	51.0
54	65.1	42.2	63.2#



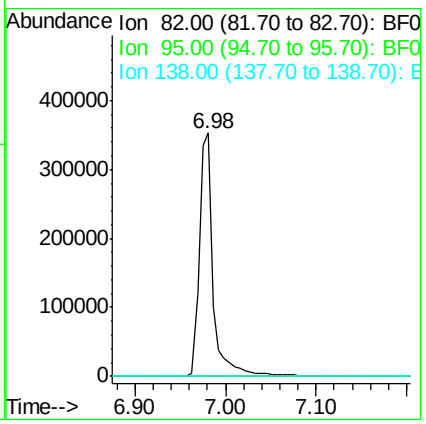


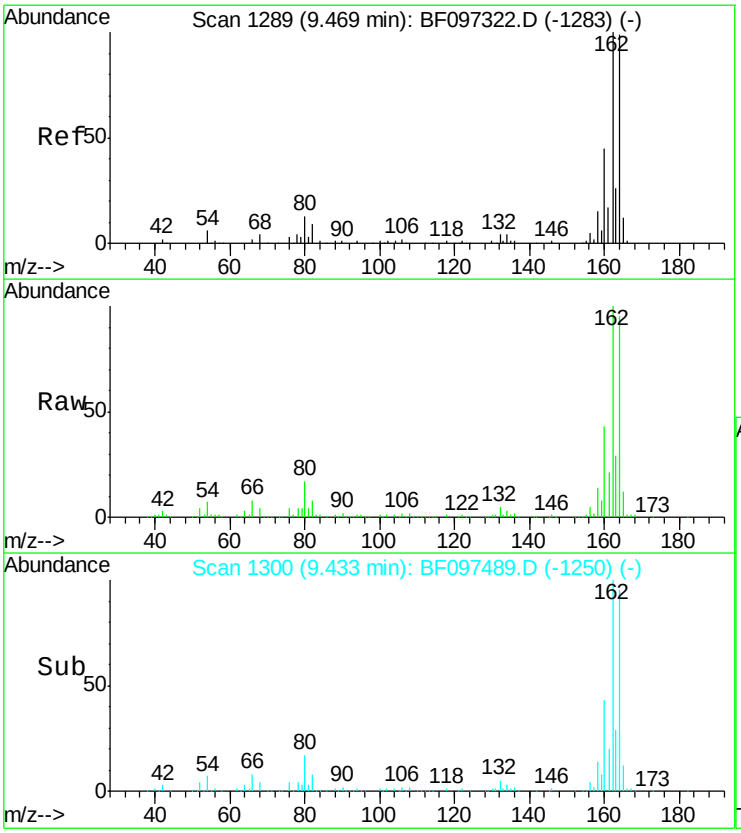
#25
Isophorone
Concen: 28.61 ng
RT: 6.98 min Scan# 883
Delta R.T. -0.27 min
Lab File: BF097489.D
Acq: 9 Aug 2017 00:55

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 379136

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

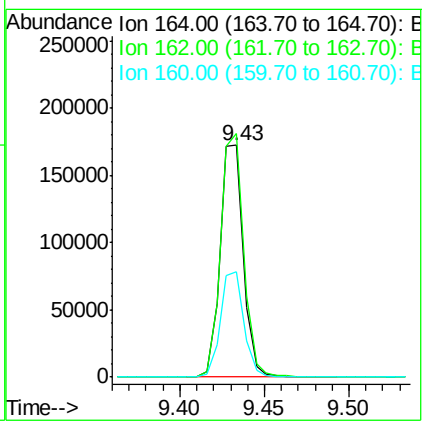


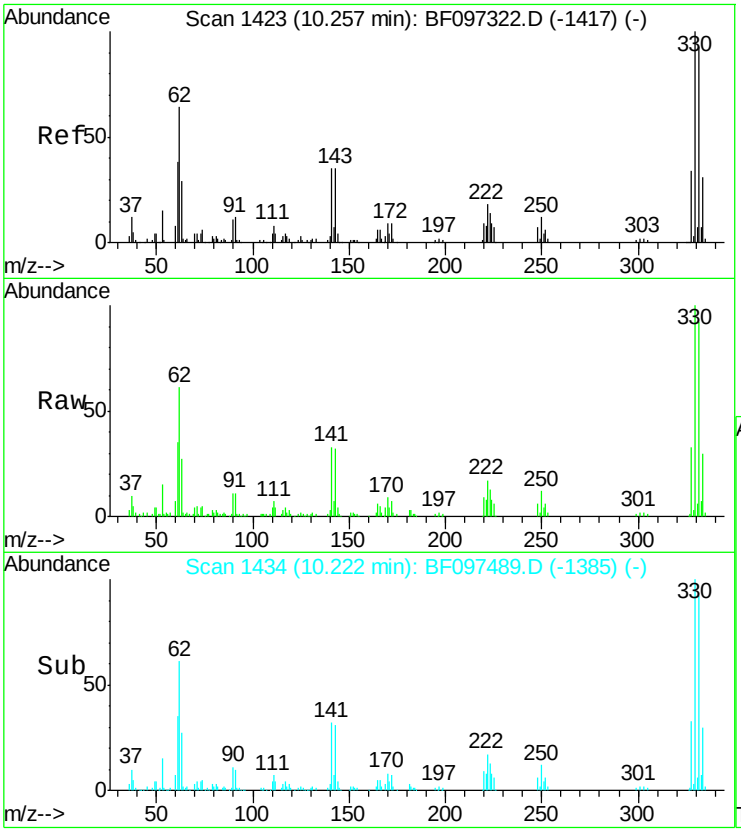


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.43 min Scan# 1300
Delta R.T. -0.01 min
Lab File: BF097489.D
Acq: 9 Aug 2017 00:55

Tgt Ion:164 Resp: 164895

Ion	Ratio	Lower	Upper
164	100		
162	105.1	82.6	123.8
160	45.3	36.2	54.2



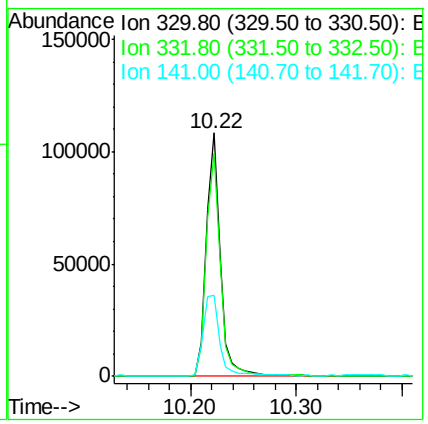


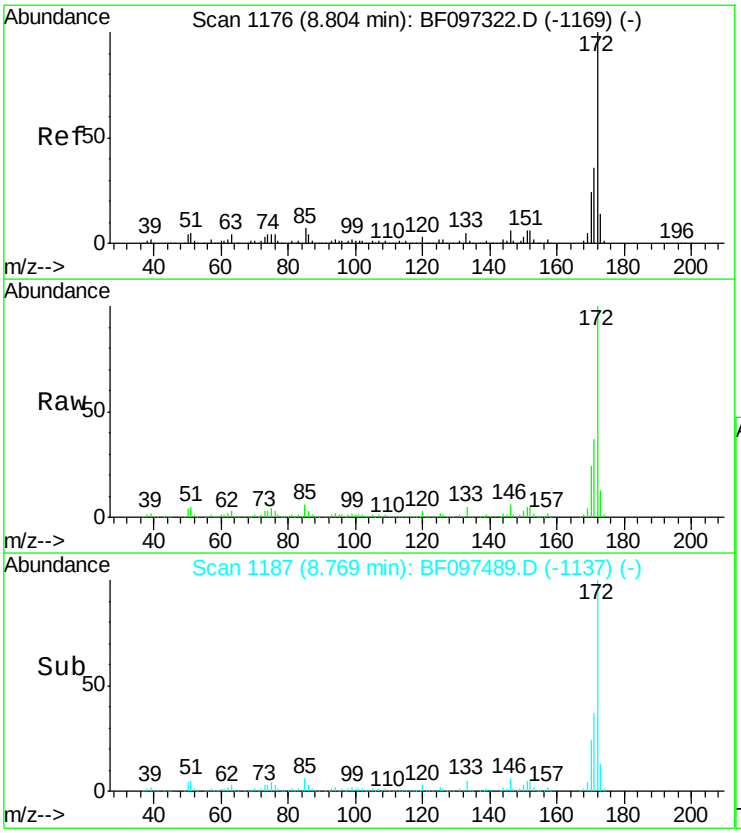
#41
2,4,6-Tribromophenol
Concen: 77.00 ng
RT: 10.22 min Scan# 1434
Delta R.T. -0.01 min
Lab File: BF097489.D
Acq: 9 Aug 2017 00:55

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 100319

Ion	Ratio	Lower	Upper
330	100		
332	93.5	76.6	115.0
141	40.5	31.4	47.2

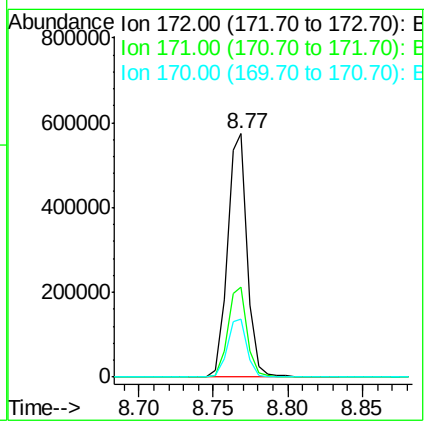


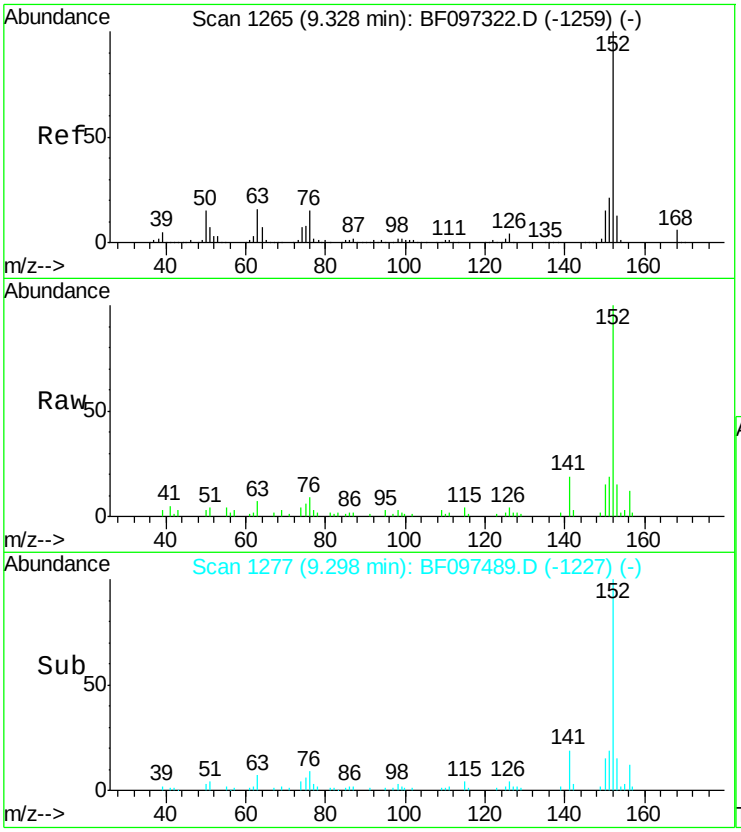


#44
2-Fluorobiphenyl
Concen: 55.51 ng
RT: 8.77 min Scan# 1187
Delta R.T. -0.01 min
Lab File: BF097489.D
Acq: 9 Aug 2017 00:55

Tgt Ion:172 Resp: 539314

Ion	Ratio	Lower	Upper
172	100		
171	36.7	29.6	44.4
170	24.0	19.8	29.8



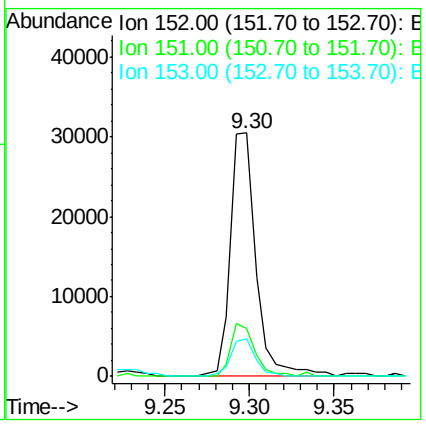


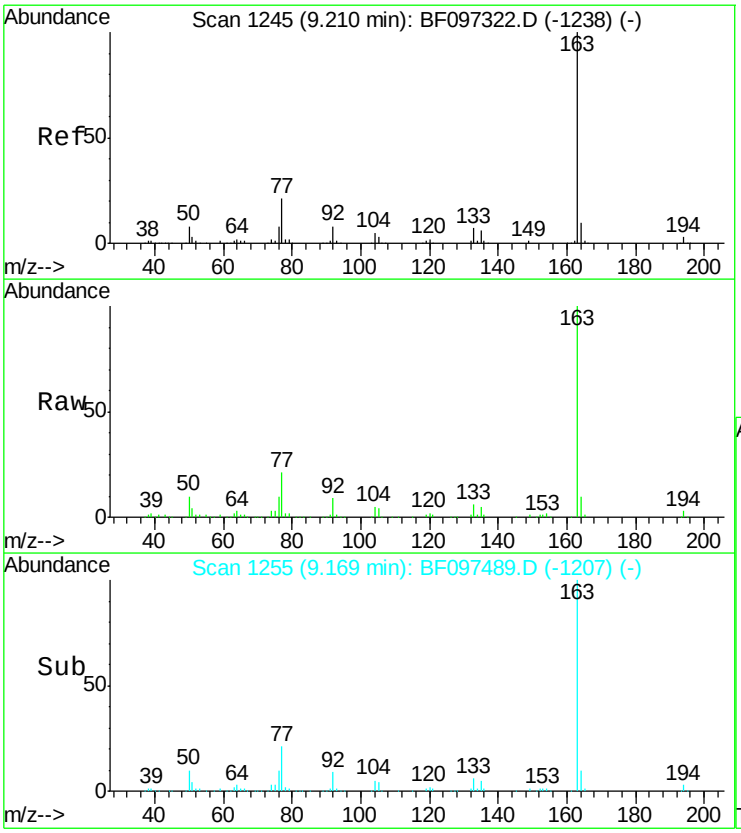
#48
Acenaphthylene
Concen: 2.01 ng
RT: 9.30 min Scan# 1277
Delta R.T. -0.01 min
Lab File: BF097489.D
Acq: 9 Aug 2017 00:55

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 31989

Ion	Ratio	Lower	Upper
152	100		
151	19.5	16.8	25.2
153	15.5	10.8	16.2

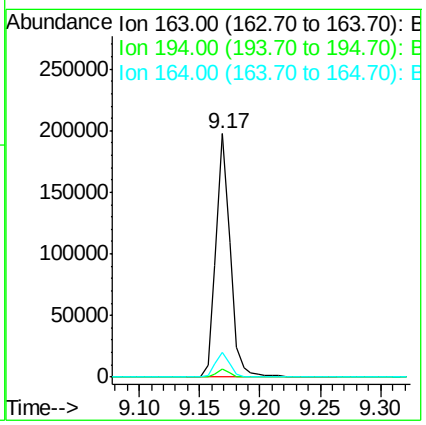


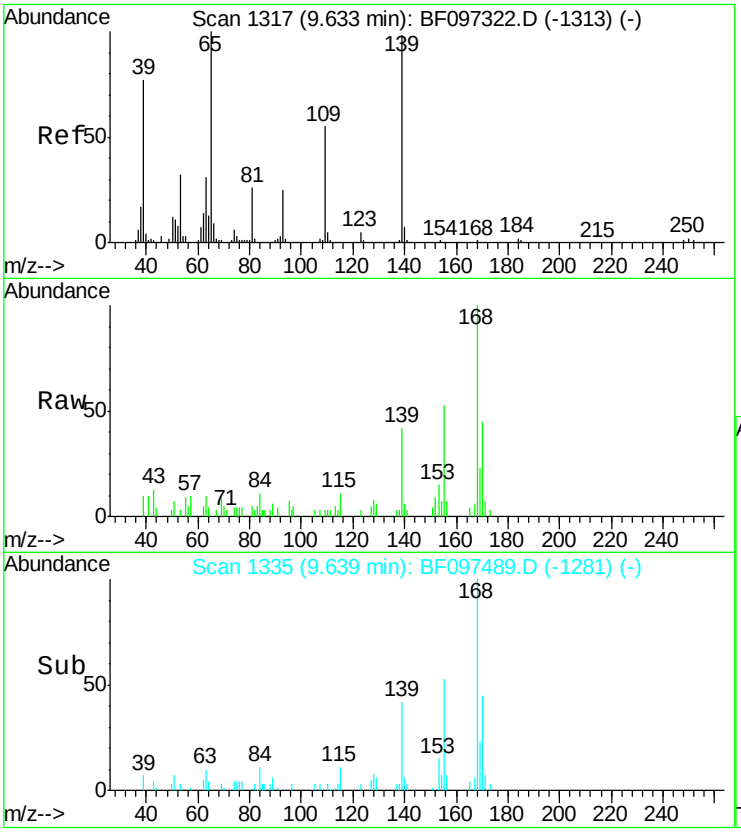


#49
Dimethylphthalate
Concen: 12.75 ng
RT: 9.17 min Scan# 1255
Delta R.T. -0.02 min
Lab File: BF097489.D
Acq: 9 Aug 2017 00:55

Tgt Ion:163 Resp: 159625

Ion	Ratio	Lower	Upper
163	100		
194	3.1	2.6	4.0
164	10.1	8.4	12.6



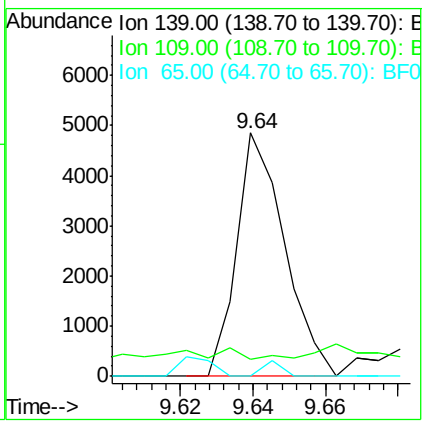


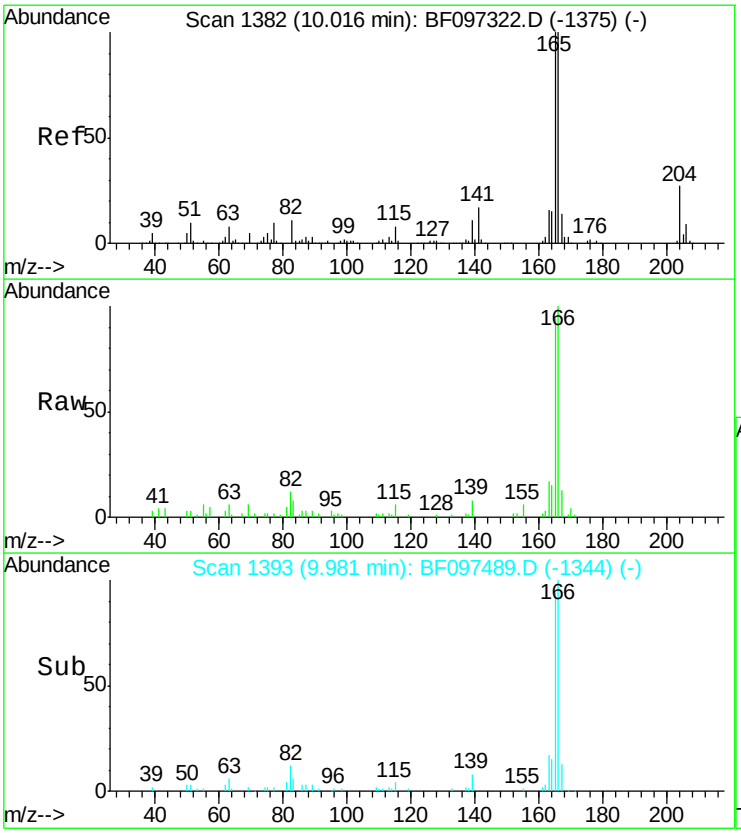
#55
4-Nitrophenol
Concen: 2.27 ng
RT: 9.64 min Scan# 1335
Delta R.T. 0.02 min
Lab File: BF097489.D
Acq: 9 Aug 2017 00:55

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:139 Resp: 4459

Ion	Ratio	Lower	Upper
139	100		
109	7.1	34.1	74.1#
65	0.0	31.4	71.4#

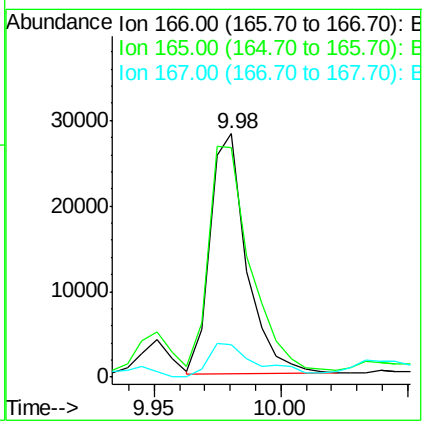


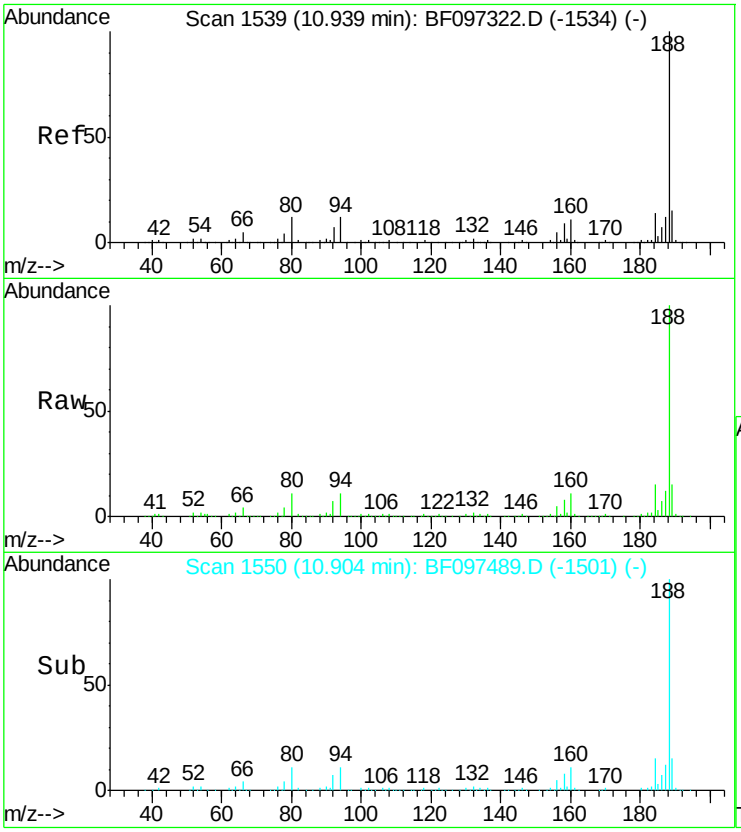


#57
Fluorene
Concen: 3.04 ng
RT: 9.98 min Scan# 1393
Delta R.T. -0.01 min
Lab File: BF097489.D
Acq: 9 Aug 2017 00:55

Tgt Ion:166 Resp: 28476

Ion	Ratio	Lower	Upper
166	100		
165	94.5	78.8	118.2
167	13.3	10.6	16.0



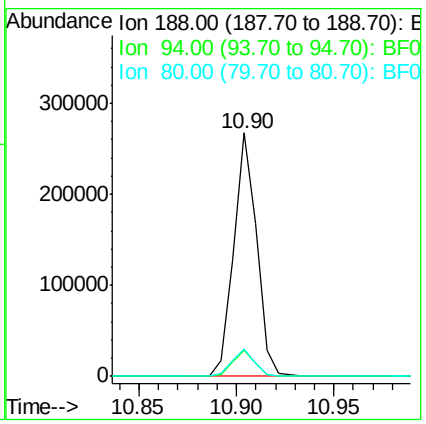


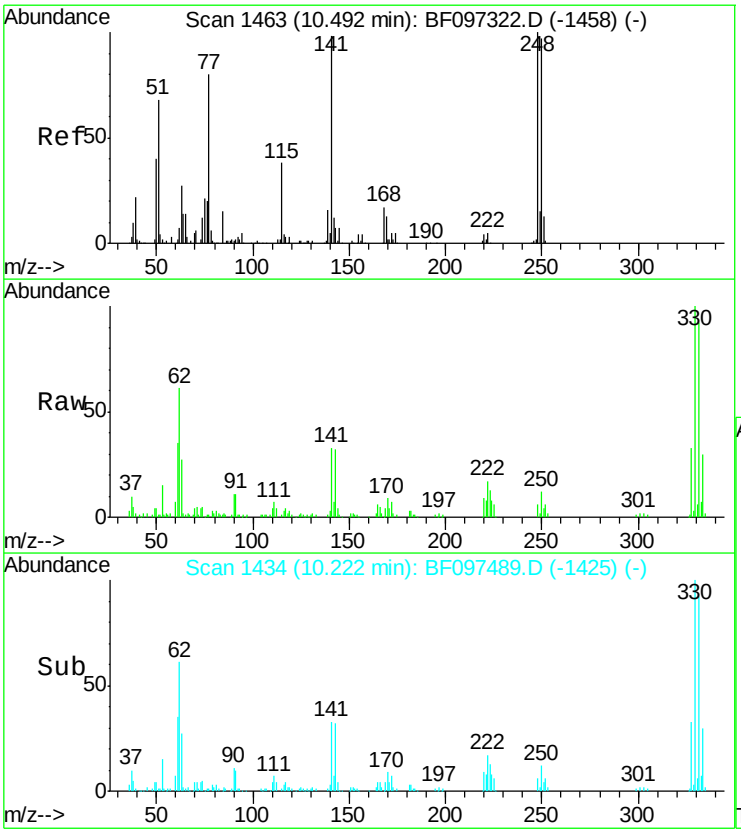
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 10.90 min Scan# 1550
Delta R.T. -0.01 min
Lab File: BF097489.D
Acq: 9 Aug 2017 00:55

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 217126

Ion	Ratio	Lower	Upper
188	100		
94	10.8	9.4	14.2
80	11.0	10.2	15.2

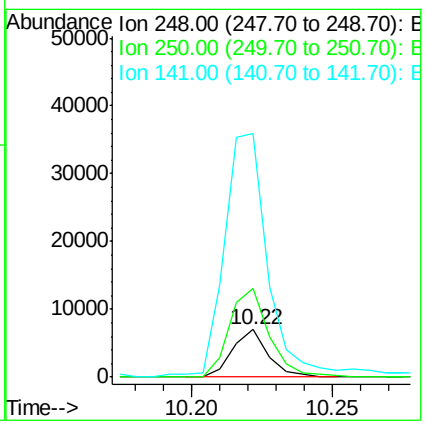


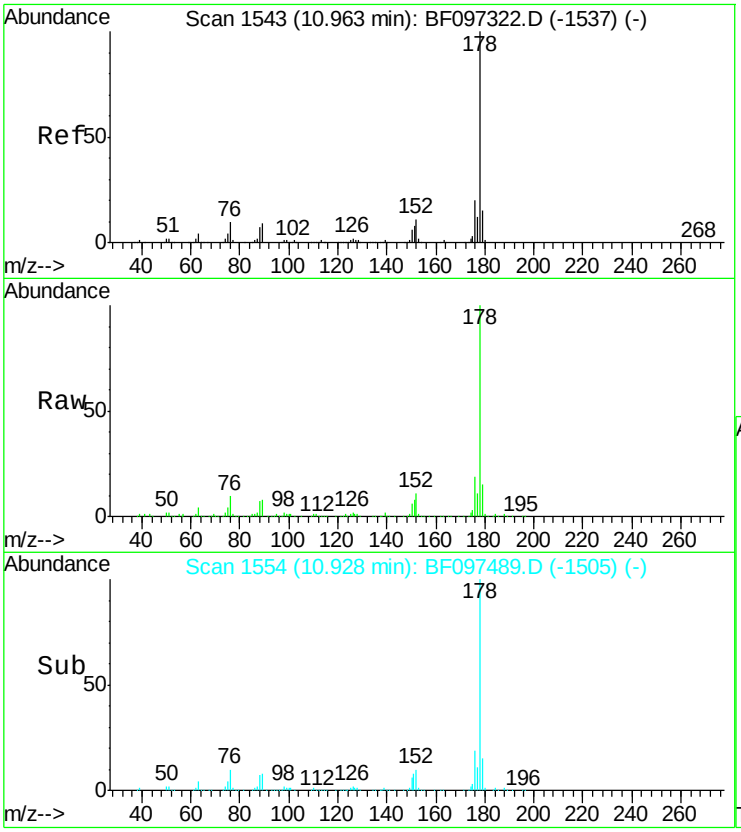


#66
4-Bromophenyl-phenylether
Concen: 2.80 ng
RT: 10.22 min Scan# 1434
Delta R.T. -0.25 min
Lab File: BF097489.D
Acq: 9 Aug 2017 00:55

Tgt Ion:248 Resp: 6059

Ion	Ratio	Lower	Upper
248	100		
250	186.0	76.8	115.2#
141	510.2	68.6	103.0#



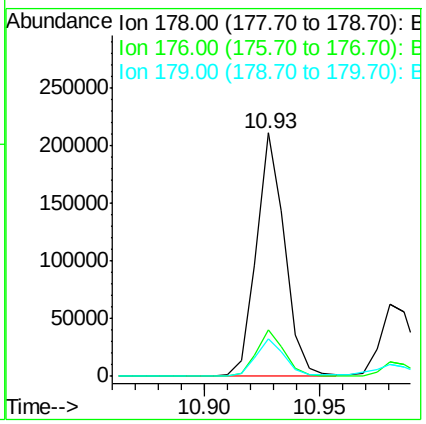


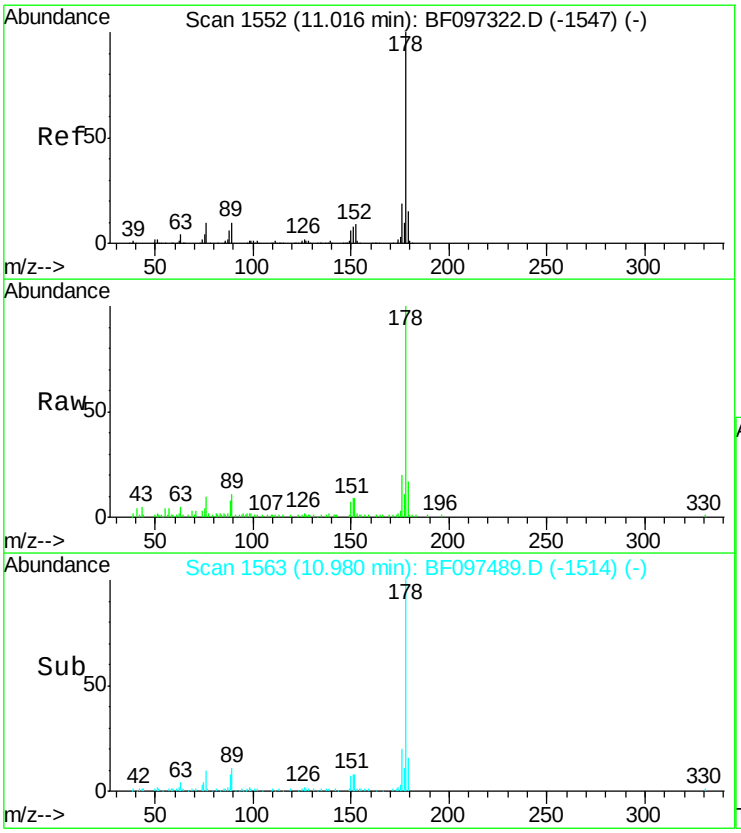
#70
Phenanthrene
Concen: 15.52 ng
RT: 10.93 min Scan# 1554
Delta R.T. -0.01 min
Lab File: BF097489.D
Acq: 9 Aug 2017 00:55

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 180610

Ion	Ratio	Lower	Upper
178	100		
176	19.2	16.2	24.4
179	15.2	12.6	19.0

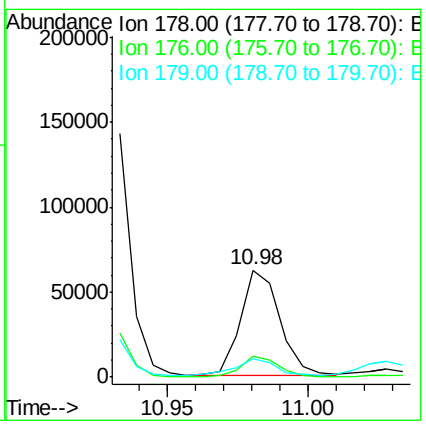


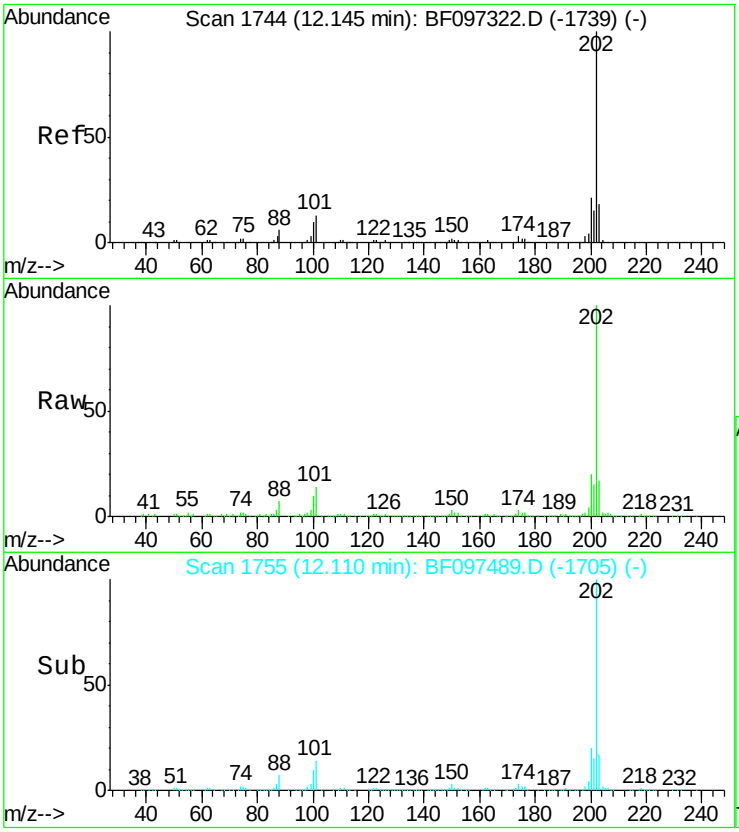


#71
Anthracene
Concen: 5.00 ng
RT: 10.98 min Scan# 1563
Delta R.T. -0.01 min
Lab File: BF097489.D
Acq: 9 Aug 2017 00:55

Tgt Ion:178 Resp: 59565

Ion	Ratio	Lower	Upper
178	100		
176	19.8	15.8	23.8
179	17.3	12.7	19.1



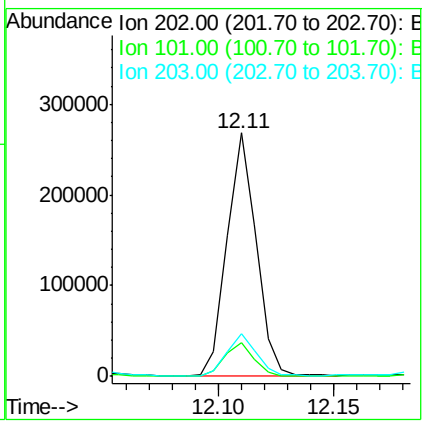


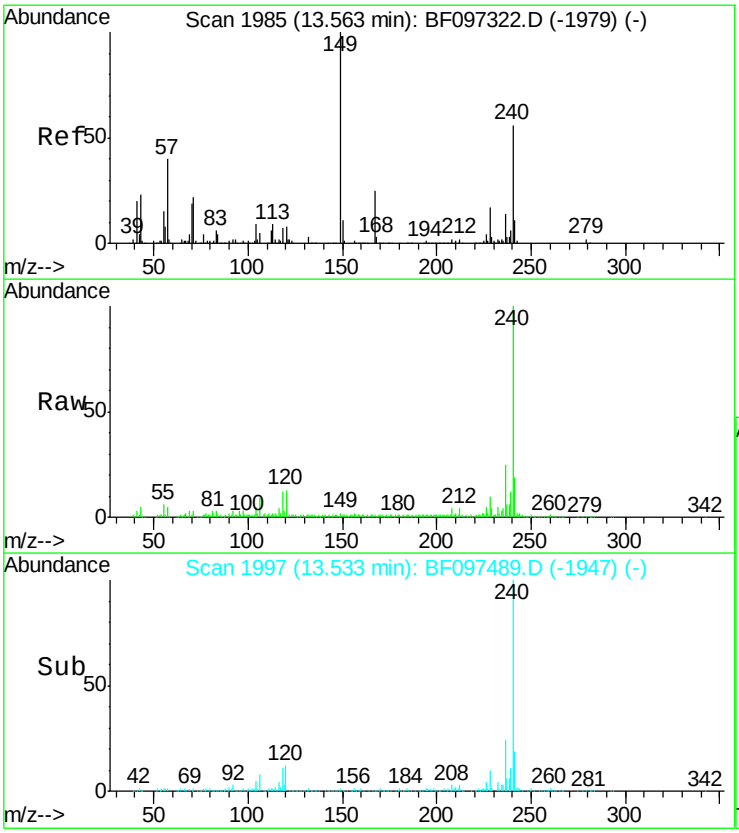
#74
Fluoranthene
Concen: 20.78 ng
RT: 12.11 min Scan# 1755
Delta R.T. -0.01 min
Lab File: BF097489.D
Acq: 9 Aug 2017 00:55

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 236858

Ion	Ratio	Lower	Upper
202	100		
101	14.0	0.0	33.2
203	17.4	0.0	38.1

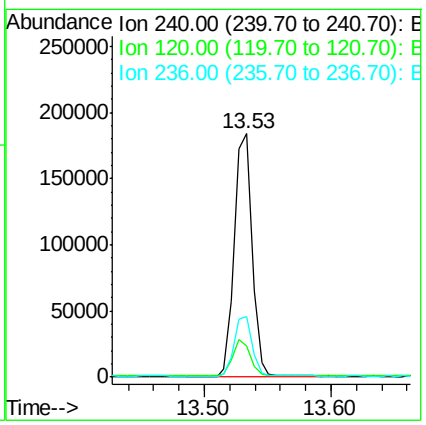


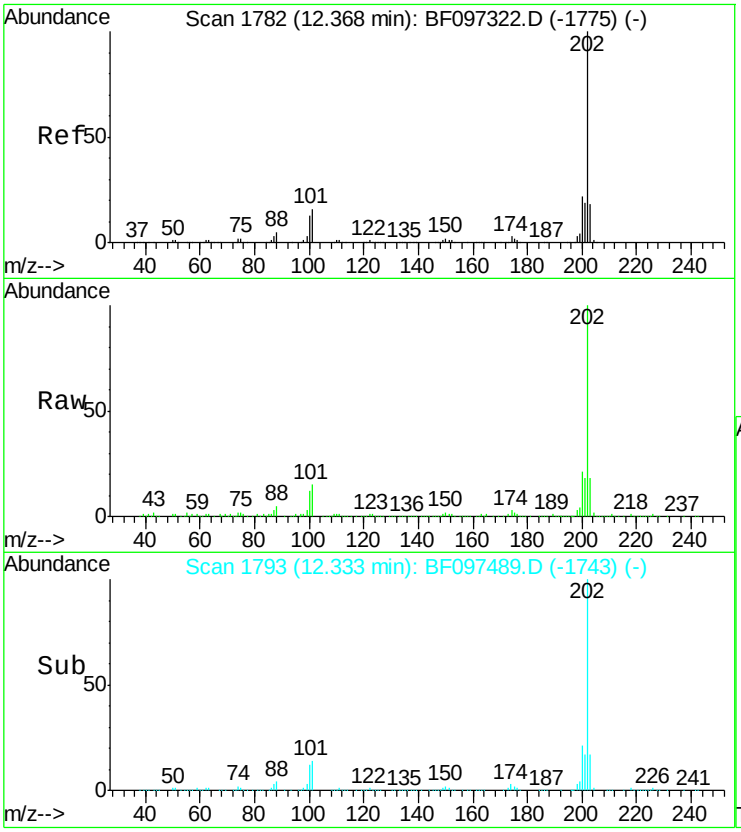


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.53 min Scan# 1997
Delta R.T. -0.01 min
Lab File: BF097489.D
Acq: 9 Aug 2017 00:55

Tgt Ion:240 Resp: 177552

Ion	Ratio	Lower	Upper
240	100		
120	12.6	5.8	8.8#
236	24.8	20.5	30.7



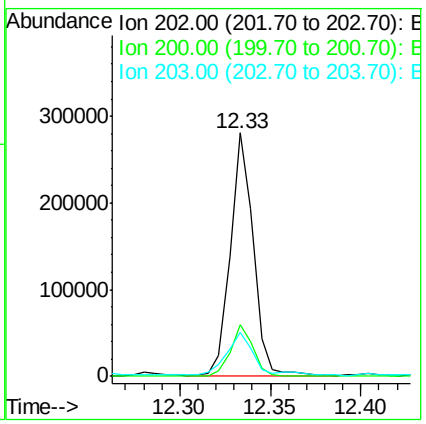


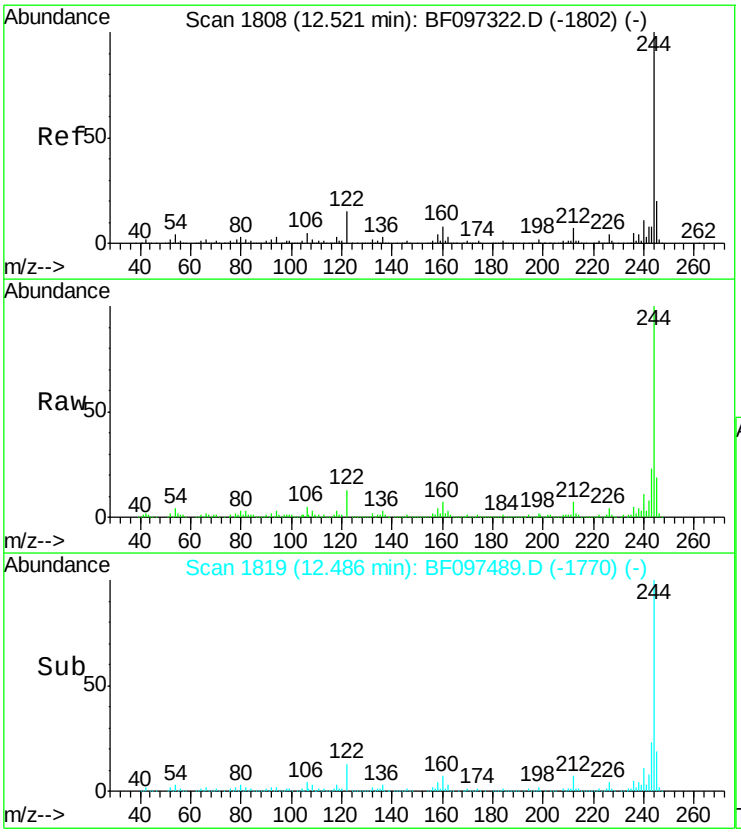
#77
Pyrene
Concen: 16.91 ng
RT: 12.33 min Scan# 1793
Delta R.T. -0.01 min
Lab File: BF097489.D
Acq: 9 Aug 2017 00:55

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 245725

Ion	Ratio	Lower	Upper
202	100		
200	21.1	17.6	26.4
203	18.2	14.4	21.6

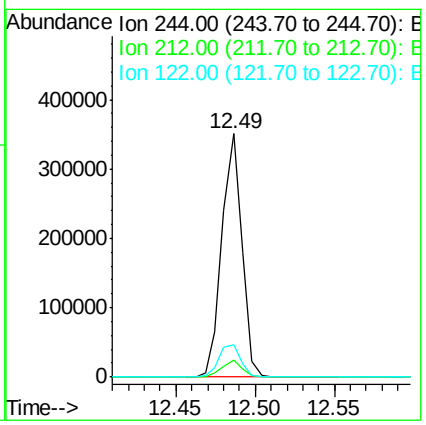


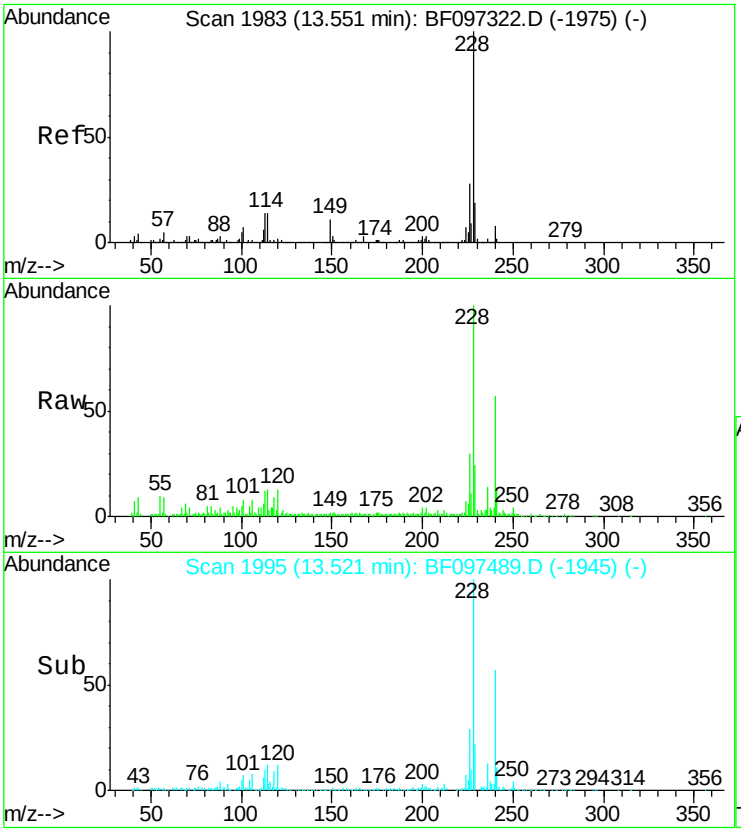


#78
Terphenyl-d14
Concen: 35.39 ng
RT: 12.49 min Scan# 1819
Delta R.T. -0.01 min
Lab File: BF097489.D
Acq: 9 Aug 2017 00:55

Tgt Ion:244 Resp: 308148

Ion	Ratio	Lower	Upper
244	100		
212	6.9	6.0	9.0
122	13.4	10.3	15.5



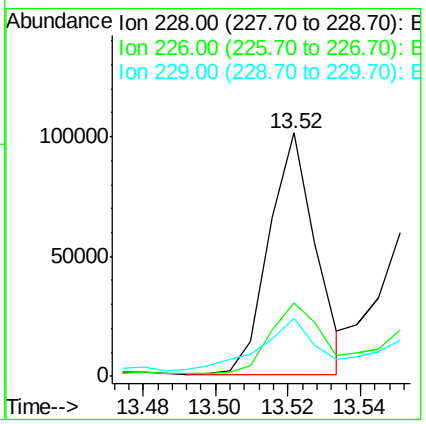


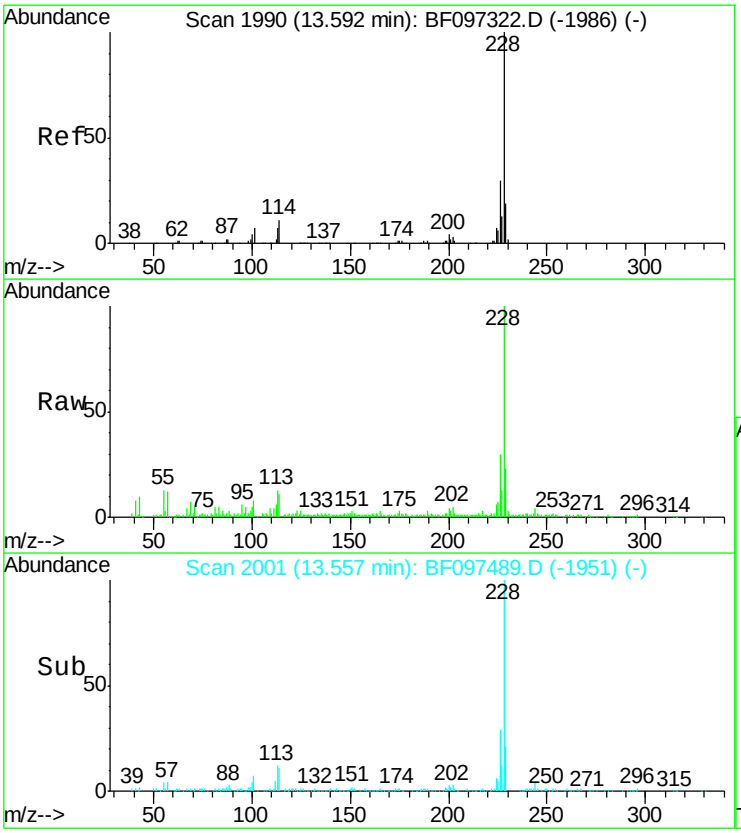
#80
Benzo(a)anthracene
Concen: 7.82 ng
RT: 13.52 min Scan# 1995
Delta R.T. -0.01 min
Lab File: BF097489.D
Acq: 9 Aug 2017 00:55

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 89822

Ion	Ratio	Lower	Upper
228	100		
226	30.2	22.6	33.8
229	23.7	16.3	24.5

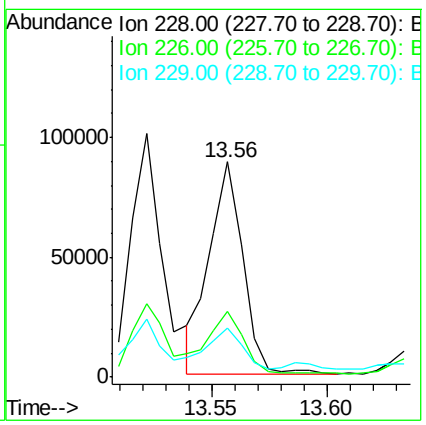


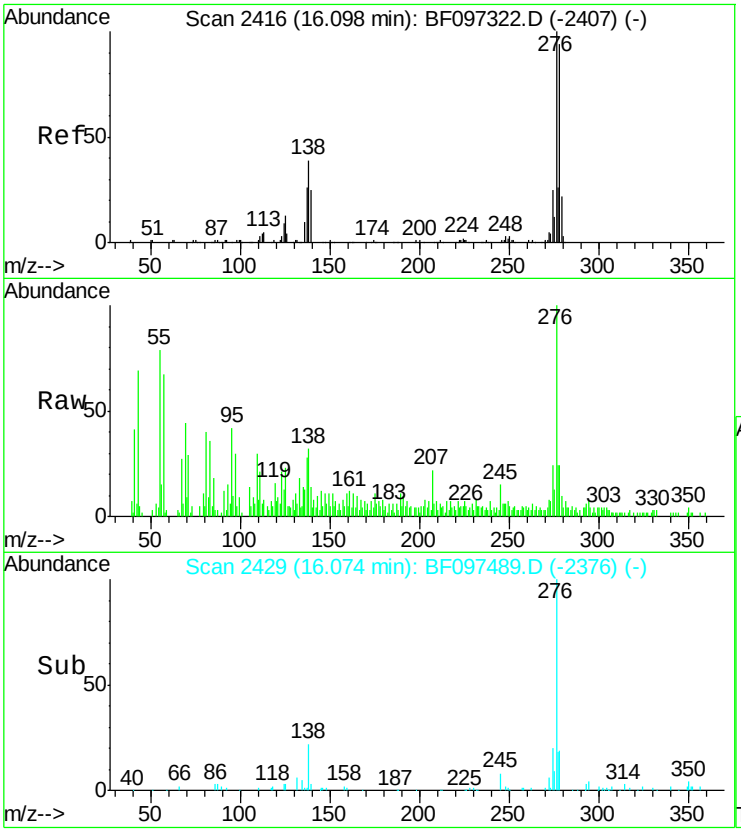


#82
Chrysene
Concen: 7.98 ng
RT: 13.56 min Scan# 2001
Delta R.T. -0.01 min
Lab File: BF097489.D
Acq: 9 Aug 2017 00:55

Tgt Ion:228 Resp: 89559

Ion	Ratio	Lower	Upper
228	100		
226	30.4	24.9	37.3
229	23.1	15.8	23.6



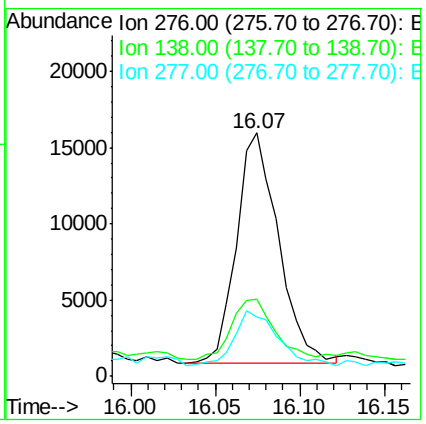


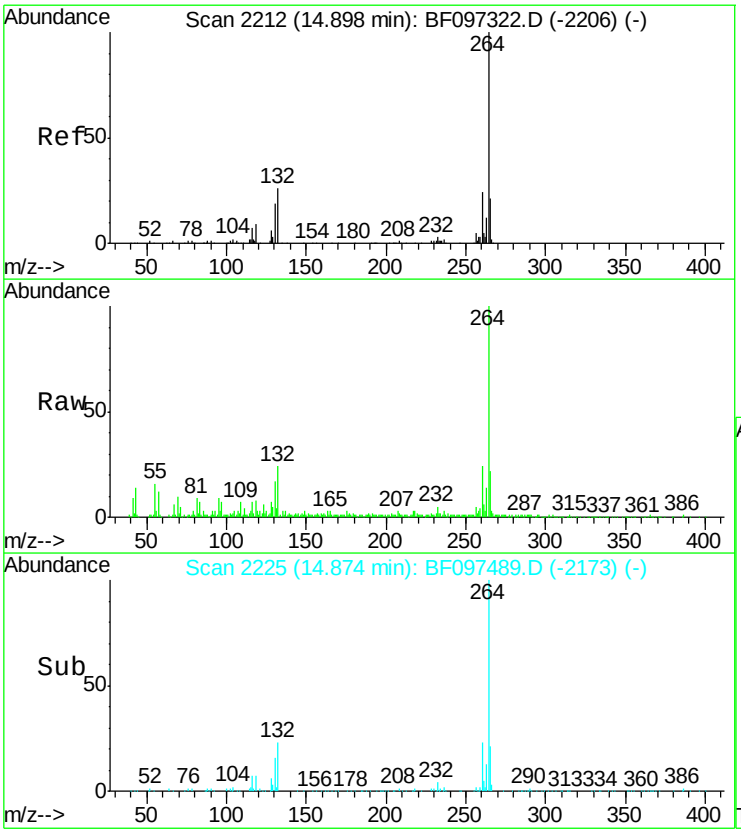
#85
Indeno(1,2,3-cd)pyrene
Concen: 2.72 ng
RT: 16.07 min Scan# 2429
Delta R.T. 0.01 min
Lab File: BF097489.D
Acq: 9 Aug 2017 00:55

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 26138

Ion	Ratio	Lower	Upper
276	100		
138	26.1	27.8	41.6#
277	24.5	20.2	30.4

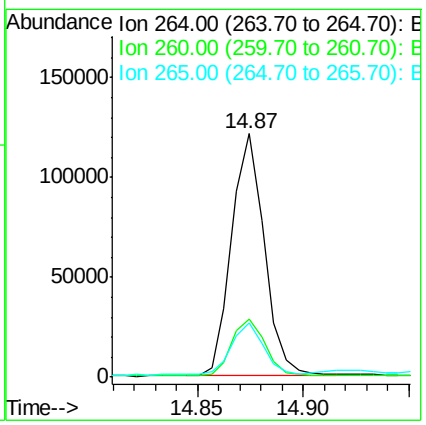


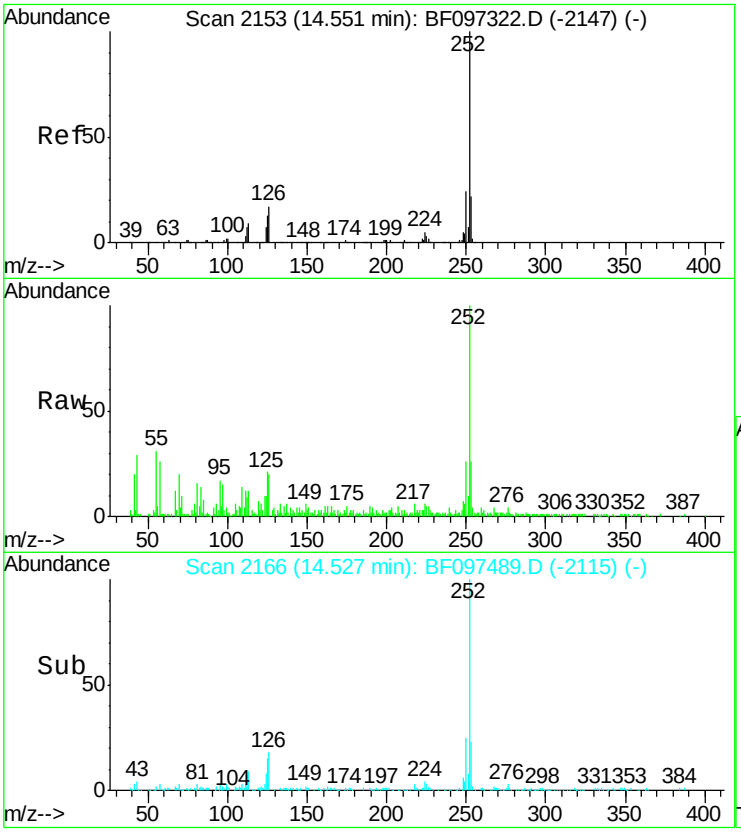


#86
Perylene-d12
Concen: 20.00 ng
RT: 14.87 min Scan# 2225
Delta R.T. 0.01 min
Lab File: BF097489.D
Acq: 9 Aug 2017 00:55

Tgt Ion:264 Resp: 130436

Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.5	29.3
265	22.2	17.2	25.8



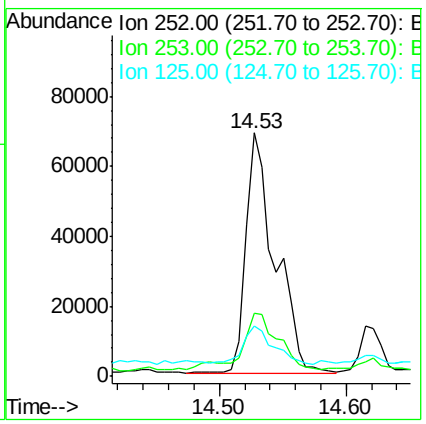


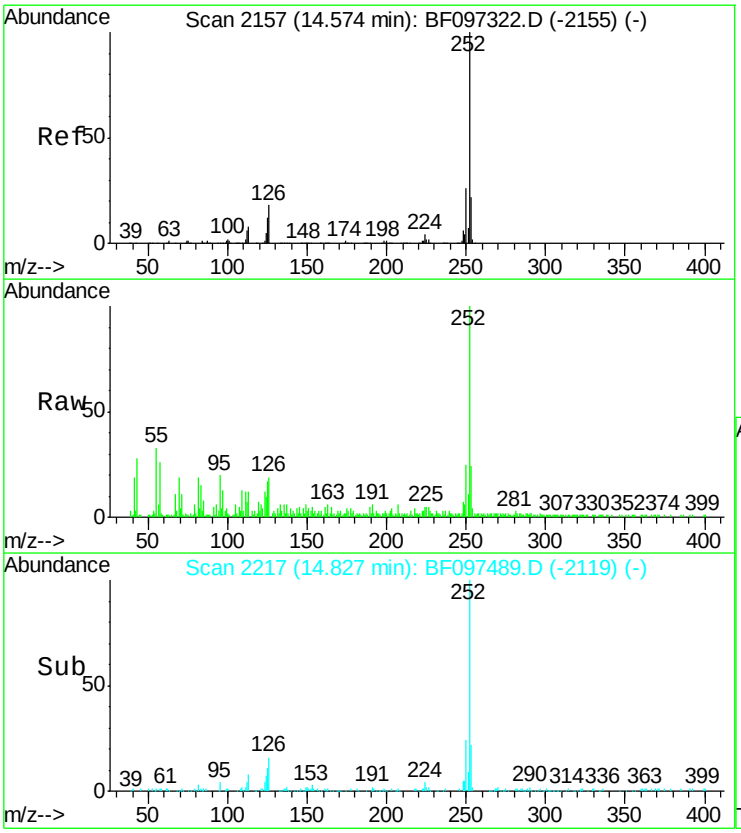
#87
Benzo(b)fluoranthene
Concen: 13.84 ng
RT: 14.53 min Scan# 2166
Delta R.T. 0.00 min
Lab File: BF097489.D
Acq: 9 Aug 2017 00:55

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 108493

Ion	Ratio	Lower	Upper
252	100		
253	25.9	18.1	27.1
125	20.6	9.8	14.8#

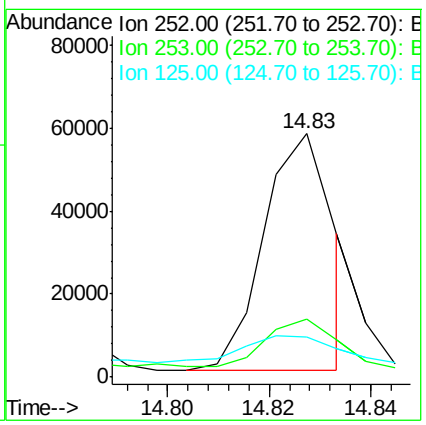


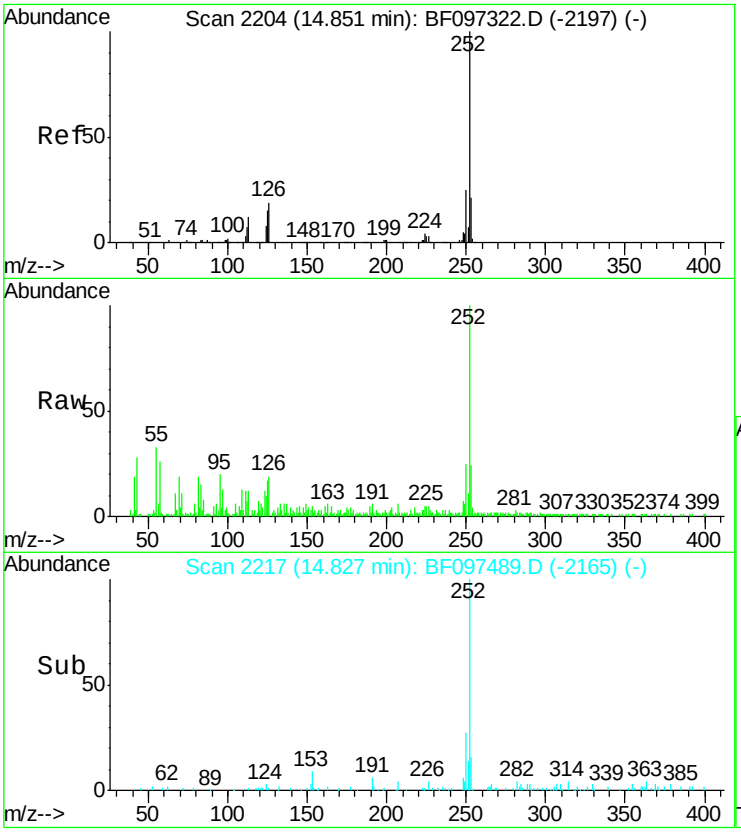


#88
Benzo(k)fluoranthene
Concen: 7.24 ng
RT: 14.83 min Scan# 2217
Delta R.T. 0.28 min
Lab File: BF097489.D
Acq: 9 Aug 2017 00:55

Tgt Ion:252 Resp: 54102

Ion	Ratio	Lower	Upper
252	100		
253	23.8	18.4	27.6
125	16.7	13.1	19.7



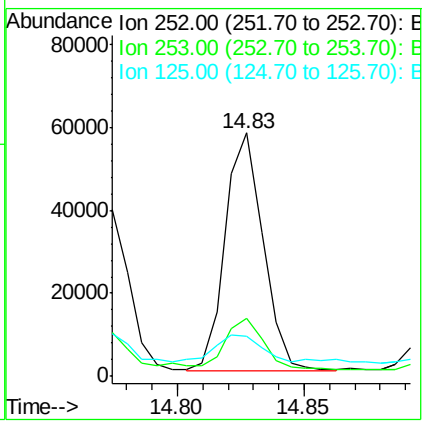


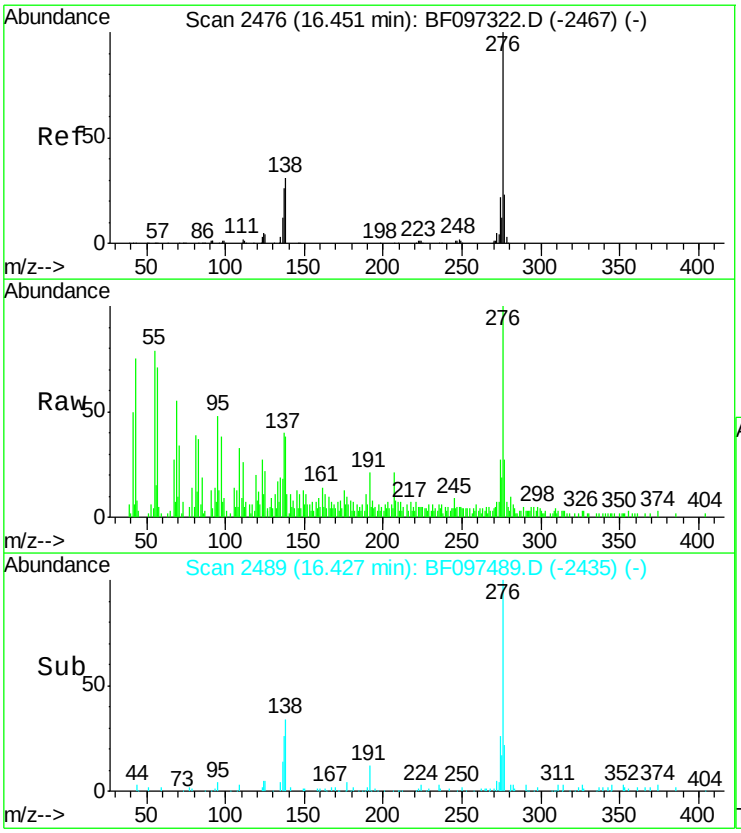
#89
Benzo(a)pyrene
Concen: 8.35 ng
RT: 14.83 min Scan# 2217
Delta R.T. 0.01 min
Lab File: BF097489.D
Acq: 9 Aug 2017 00:55

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 59889

Ion	Ratio	Lower	Upper
252	100		
253	23.8	17.5	26.3
125	16.7	11.0	16.4#





#91
Benzo(g,h,i)perylene
Concen: 5.04 ng
RT: 16.43 min Scan# 2489
Delta R.T. 0.02 min
Lab File: BF097489.D
Acq: 9 Aug 2017 00:55

Tgt Ion:276 Resp: 31072

Ion	Ratio	Lower	Upper
276	100		
277	26.7	18.6	28.0
138	38.5	25.4	38.0#