Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080817\
Data File : BF097491.D
Acq On : 9 Aug 2017 1:51
Operator : SJ/JU
Sample : I4657-13
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CL-01-080717-E

Quant Time: Aug 09 03:15:20 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	97912	20.00	ng		0.00
21) Naphthalene-d8	7.69	136	324585	20.00	ng		-0.01
38) Acenaphthene-d10	9.43	164	117846	20.00	ng		0.00
63) Phenanthrene-d10	10.90	188	215347	20.00	ng		-0.01
75) Chrysene-d12	13.53	240	174476	20.00	ng		0.00
86) Perylene-d12	14.87	264	112770	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.00	112	588980	90.68	ng		0.00
7) Phenol-d6	6.08	99	669368	90.27	ng		0.00
23) Nitrobenzene-d5	6.98	82	350949	63.43	ng		-0.01
41) 2,4,6-Tribromophenol	10.22	330	86695	93.11	ng		-0.01
44) 2-Fluorobiphenyl	8.77	172	412844	59.45	ng		0.00
78) Terphenyl-d14	12.49	244	350436	40.95	ng		-0.01
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	6.97	70	46750	9.58	ng	#	84
25) Isophorone	6.98	82	350946	32.39	ng	#	67
48) Acenaphthylene	9.30	152	25961	2.28	ng		98
49) Dimethylphthalate	9.17	163	111923	12.51	ng		99
57) Fluorene	9.98	166	18917	2.82	ng		86
66) 4-Bromophenyl-phenylether	10.22	248	5680	2.64	ng	#	1
70) Phenanthrene	10.93	178	161212	13.97	ng		99
71) Anthracene	10.99	178	50313	4.26	ng		99
74) Fluoranthene	12.11	202	220954	19.55	ng		97
77) Pyrene	12.33	202	245628	17.20	ng		98
80) Benzo(a)anthracene	13.52	228	91967	8.15	ng		96
82) Chrysene	13.52	228	91967	8.34	ng		97
85) Indeno(1,2,3-cd)pyrene	16.07	276	22723	2.40	ng		97
87) Benzo(b)fluoranthene	14.53	252	90599	13.36	ng	#	89
88) Benzo(k)fluoranthene	14.53	252	90599	14.03	ng		94
89) Benzo(a)pyrene	14.83	252	51198	8.25	ng	#	91
91) Benzo(g,h,i)perylene	16.43	276	24315	4.56	ng		96

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

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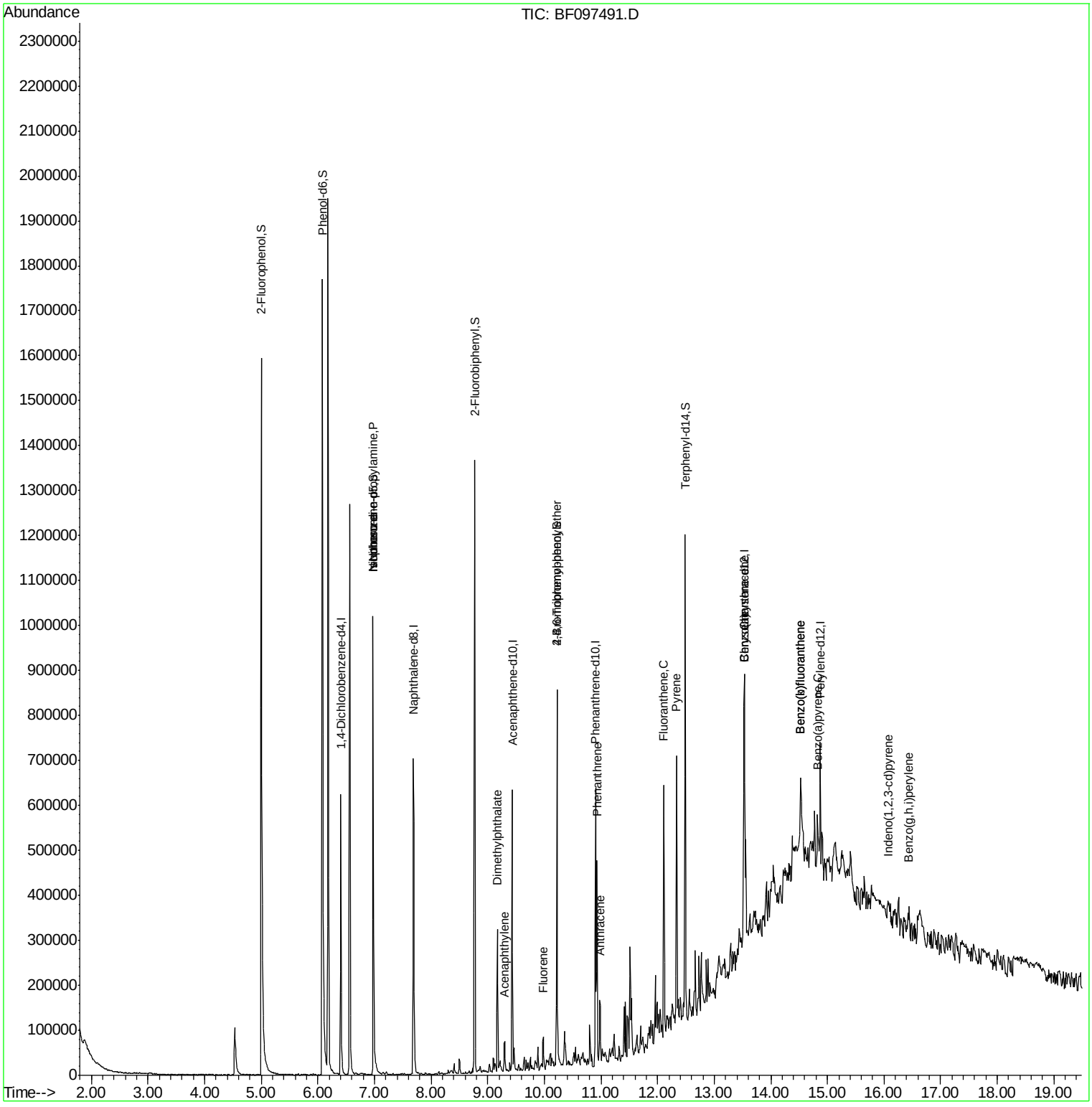
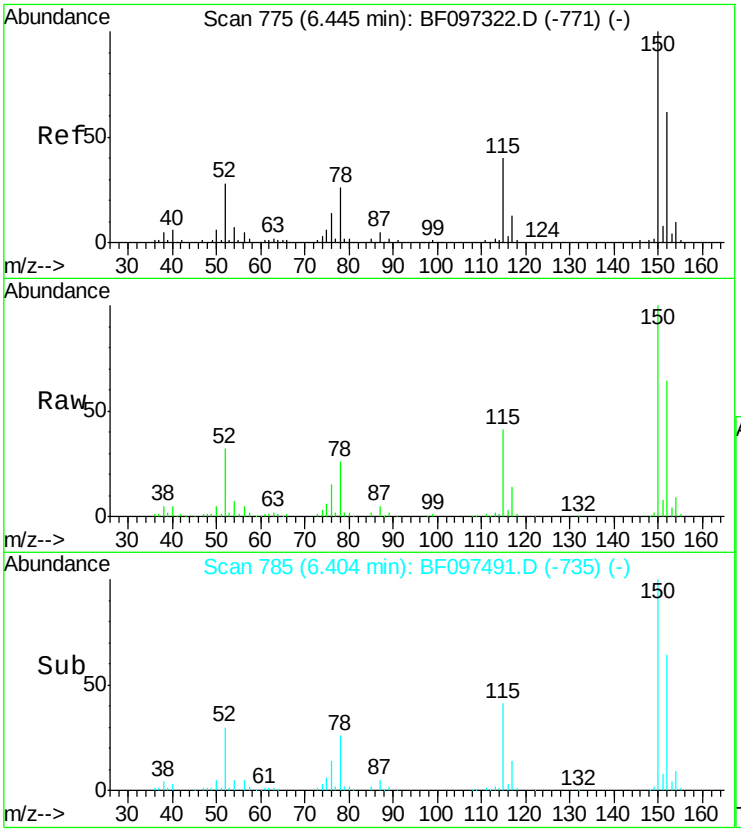


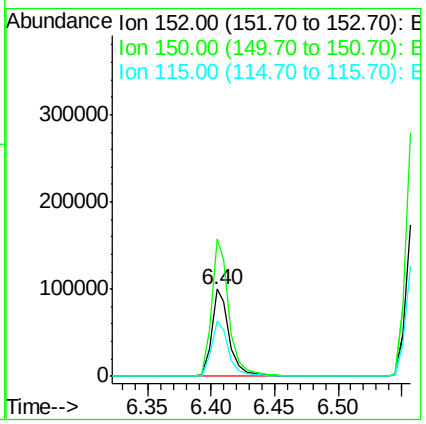


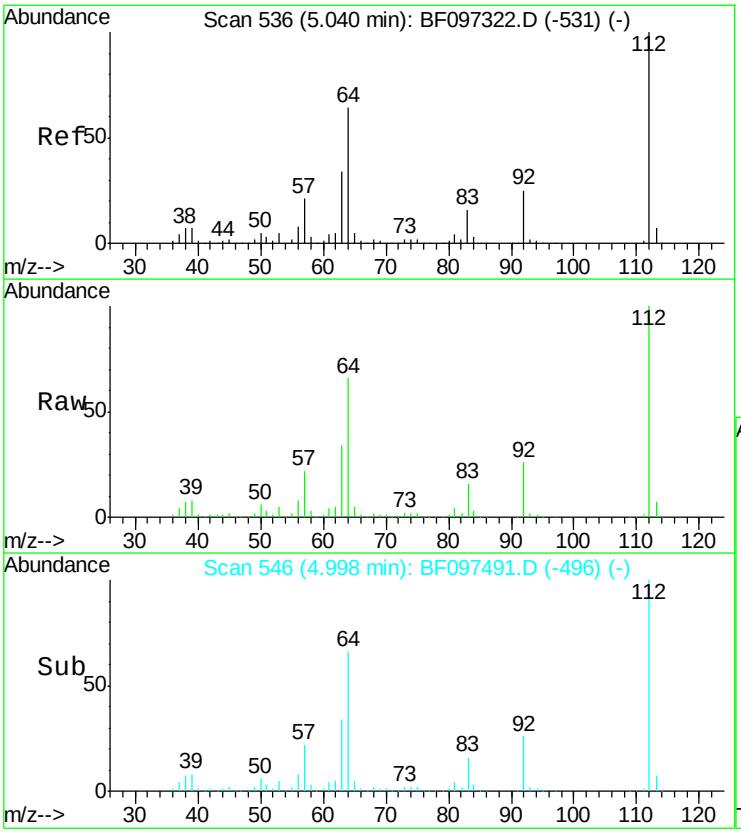
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.40 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF097491.D
Acq: 9 Aug 2017 1:51

Instrument :
BNA_F
ClientSampleId :
CL-01-080717-E

Tgt Ion:152 Resp: 97912

Ion	Ratio	Lower	Upper
152	100		
150	157.2	126.2	189.2
115	64.0	52.2	78.2

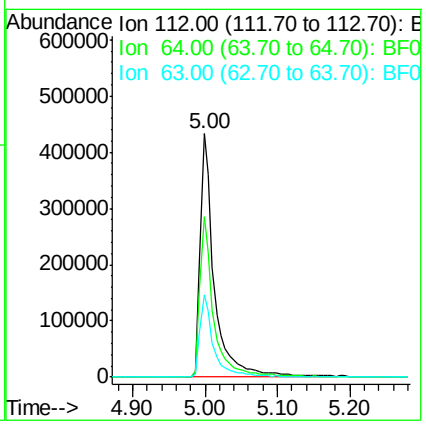


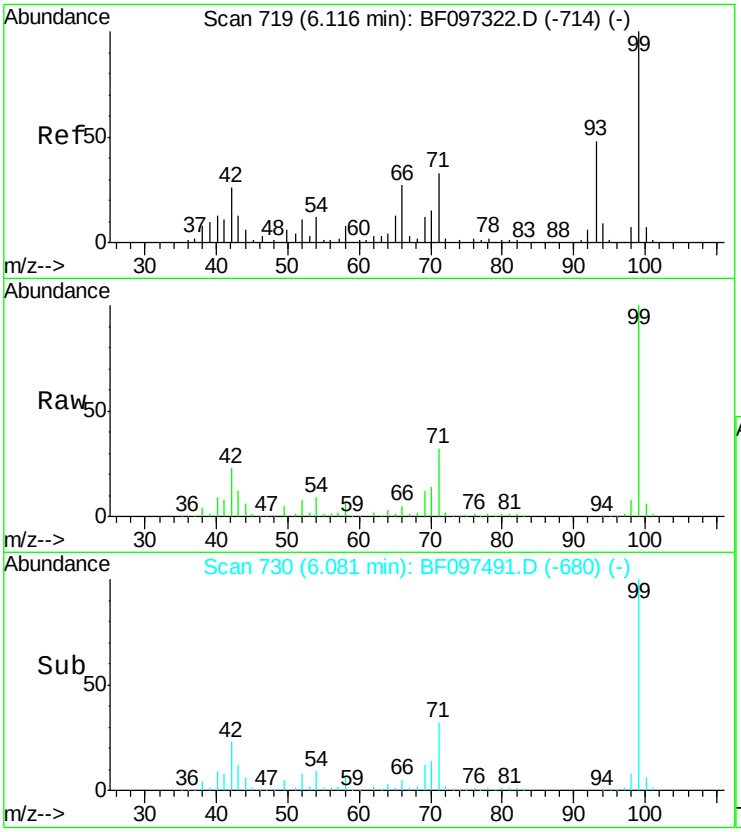


#5
2-Fluorophenol
Concen: 90.68 ng
RT: 5.00 min Scan# 546
Delta R.T. -0.01 min
Lab File: BF097491.D
Acq: 9 Aug 2017 1:51

Tgt Ion:112 Resp: 588980

Ion	Ratio	Lower	Upper
112	100		
64	65.9	46.0	69.0
63	33.6	23.4	35.0



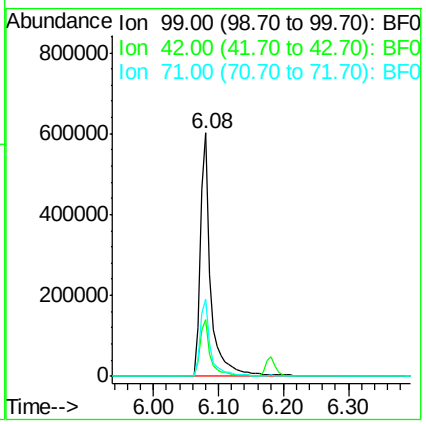


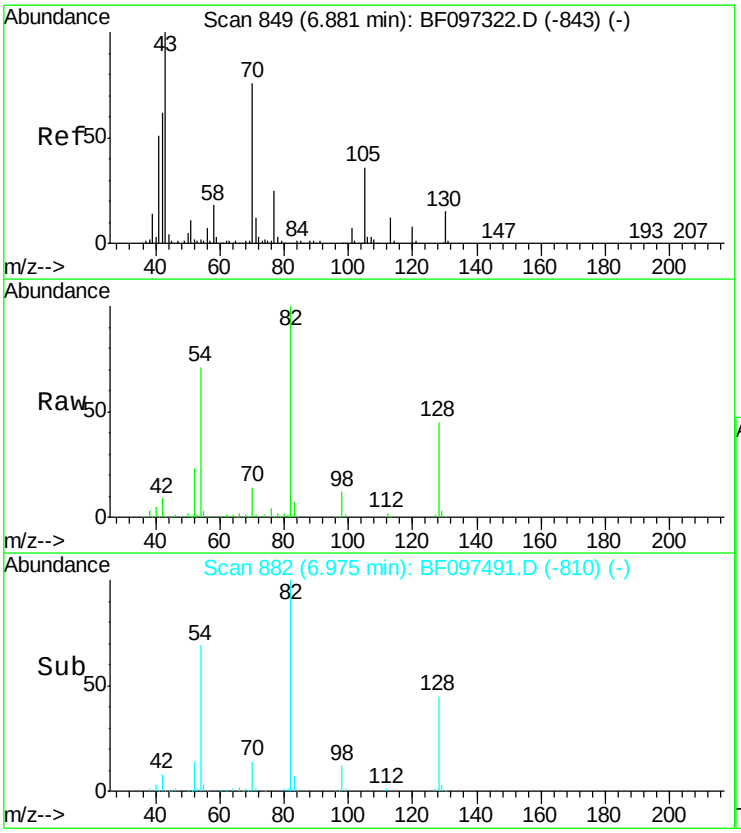
#7
Phenol-d6
Concen: 90.27 ng
RT: 6.08 min Scan# 730
Delta R.T. -0.01 min
Lab File: BF097491.D
Acq: 9 Aug 2017 1:51

Instrument :
BNA_F
ClientSampleId :
CL-01-080717-E

Tgt Ion: 99 Resp: 669368

Ion	Ratio	Lower	Upper
99	100		
42	23.1	13.5	20.3#
71	32.0	24.5	36.7

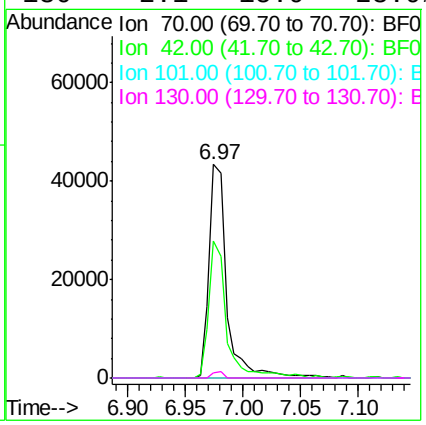


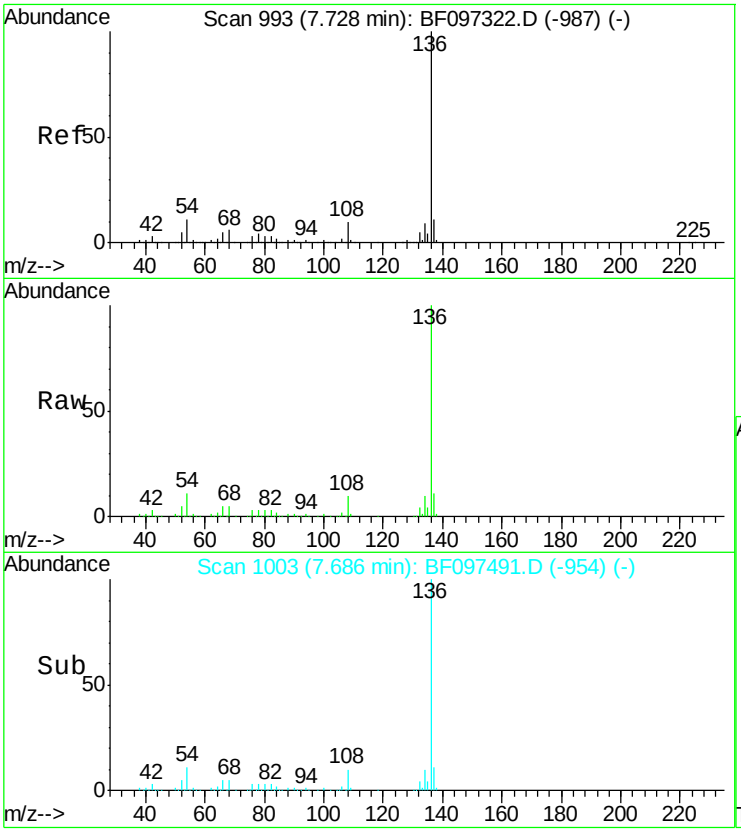


#19
n-Nitroso-di-n-propylamine
Concen: 9.58 ng
RT: 6.97 min Scan# 882
Delta R.T. 0.12 min
Lab File: BF097491.D
Acq: 9 Aug 2017 1:51

Tgt Ion: 70 Resp: 46750

Ion	Ratio	Lower	Upper
70	100		
42	64.2	47.2	70.8
101	0.0	7.2	10.8#
130	2.1	15.9	23.9#



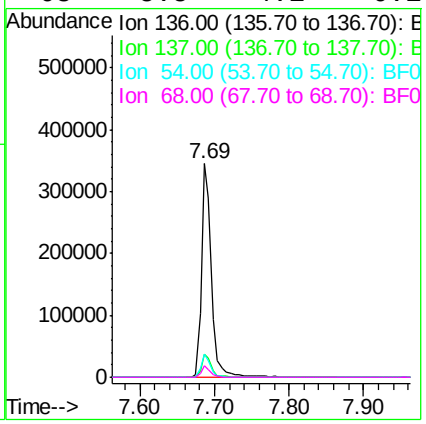


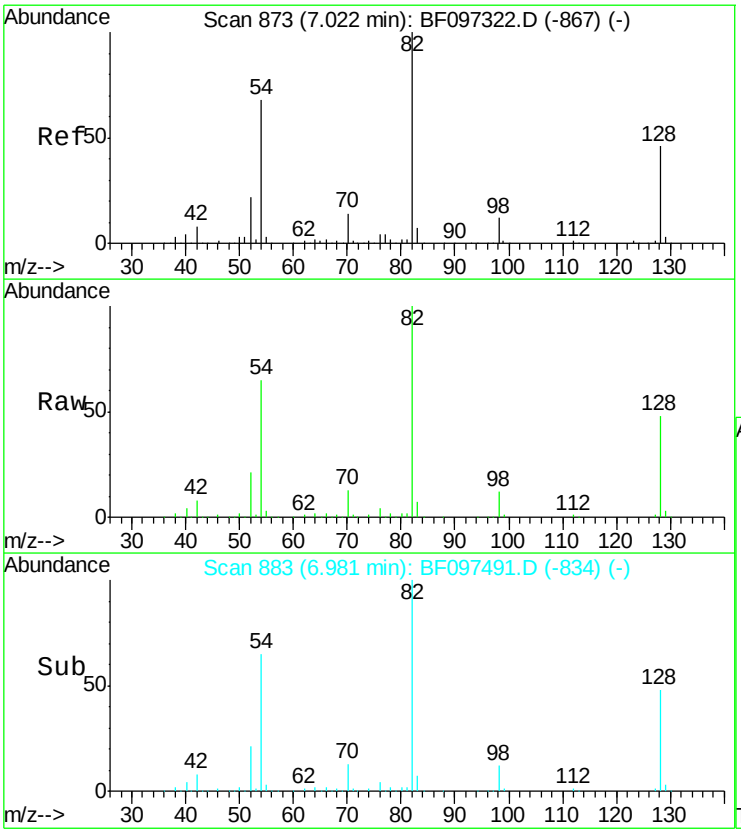
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.69 min Scan# 1003
Delta R.T. -0.01 min
Lab File: BF097491.D
Acq: 9 Aug 2017 1:51

Instrument :
BNA_F
ClientSampleId :
CL-01-080717-E

Tgt Ion:136 Resp: 324585

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.5	12.7
54	10.7	4.9	7.3#
68	5.5	4.1	6.1

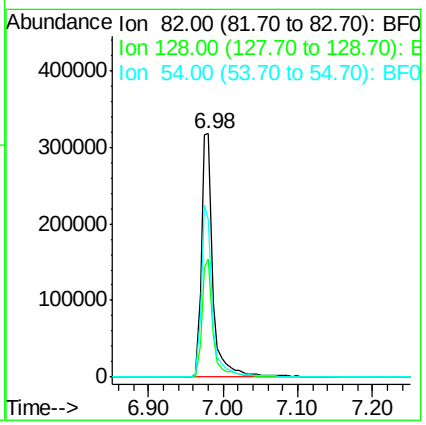


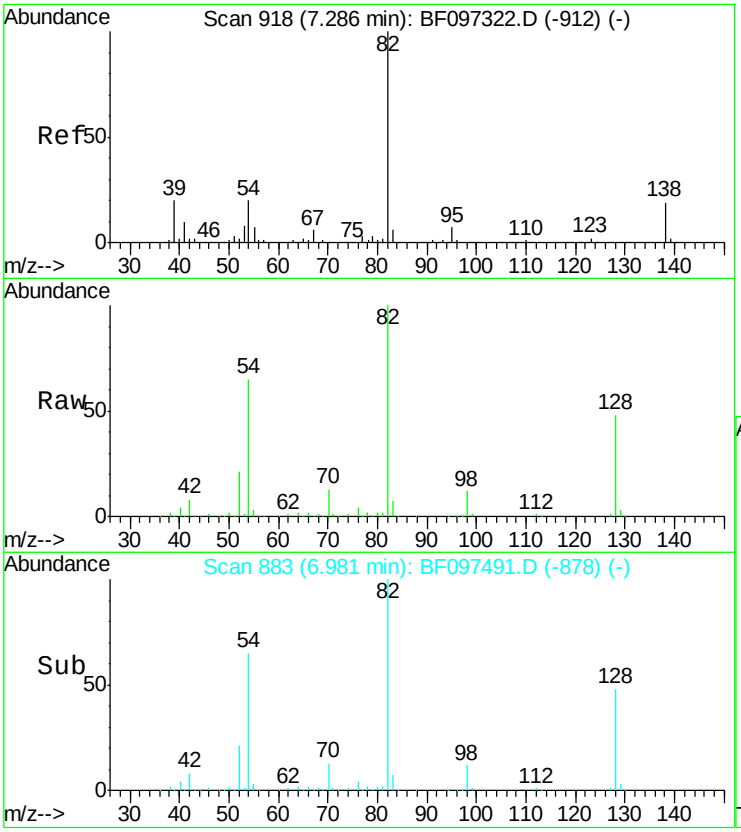


#23
Nitrobenzene-d5
Concen: 63.43 ng
RT: 6.98 min Scan# 883
Delta R.T. -0.01 min
Lab File: BF097491.D
Acq: 9 Aug 2017 1:51

Tgt Ion: 82 Resp: 350949

Ion	Ratio	Lower	Upper
82	100		
128	48.4	34.0	51.0
54	64.8	42.2	63.2#



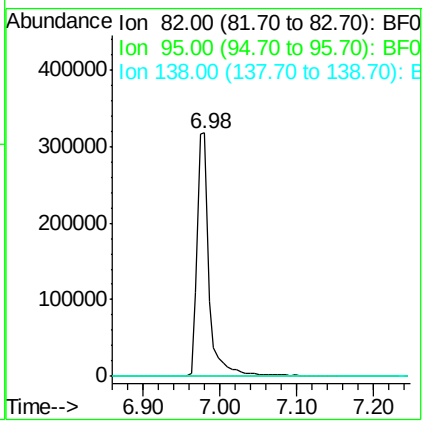


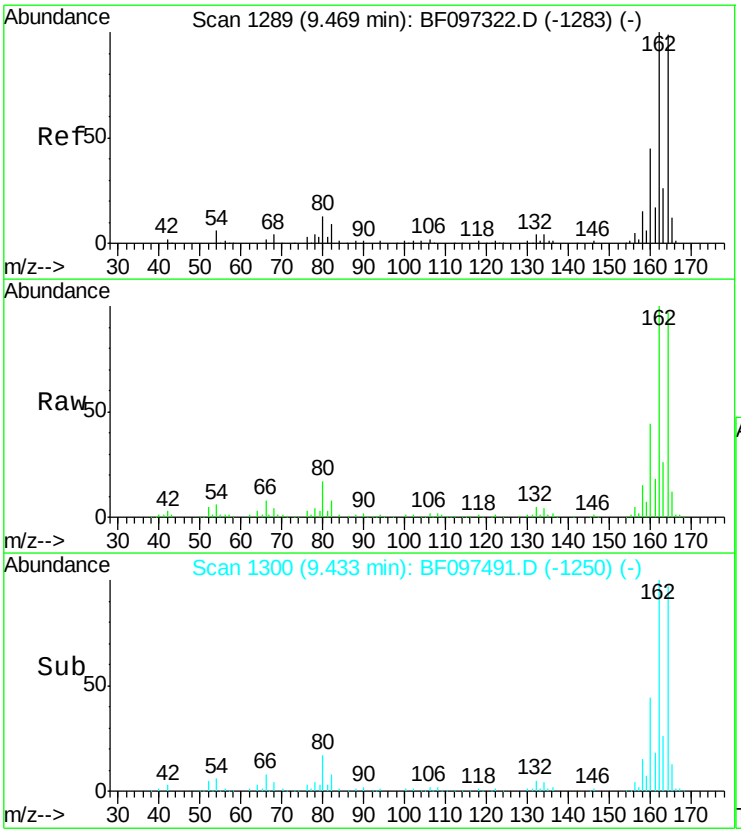
#25
Isophorone
Concen: 32.39 ng
RT: 6.98 min Scan# 883
Delta R.T. -0.27 min
Lab File: BF097491.D
Acq: 9 Aug 2017 1:51

Instrument :
BNA_F
ClientSampleId :
CL-01-080717-E

Tgt Ion: 82 Resp: 350946

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

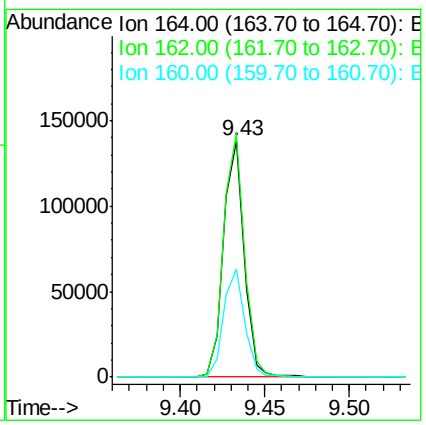


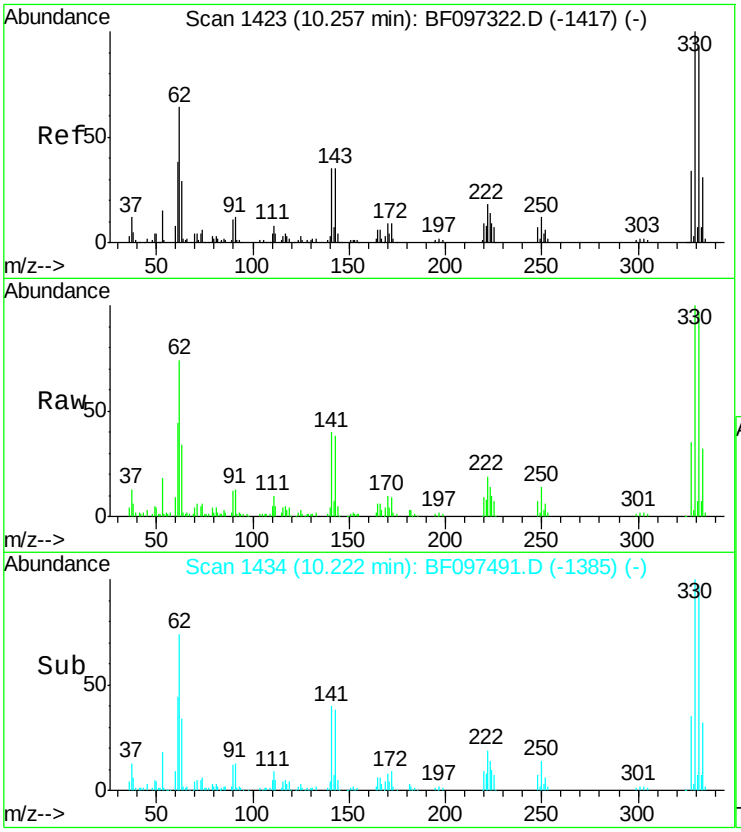


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.43 min Scan# 1300
Delta R.T. -0.01 min
Lab File: BF097491.D
Acq: 9 Aug 2017 1:51

Tgt Ion:164 Resp: 117846

Ion	Ratio	Lower	Upper
164	100		
162	103.1	82.6	123.8
160	45.7	36.2	54.2



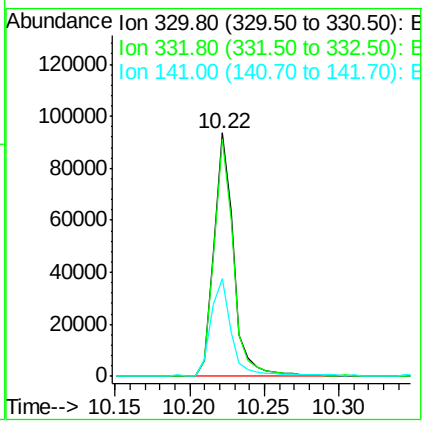


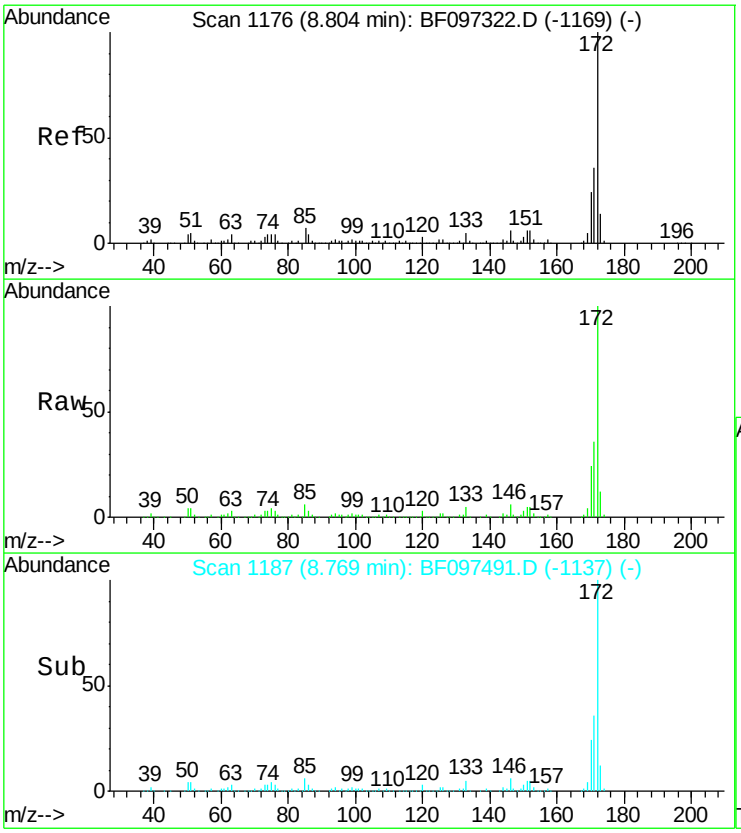
#41
2,4,6-Tribromophenol
Concen: 93.11 ng
RT: 10.22 min Scan# 1434
Delta R.T. -0.01 min
Lab File: BF097491.D
Acq: 9 Aug 2017 1:51

Instrument :
BNA_F
ClientSampleId :
CL-01-080717-E

Tgt Ion:330 Resp: 86695

Ion	Ratio	Lower	Upper
330	100		
332	96.8	76.6	115.0
141	43.0	31.4	47.2

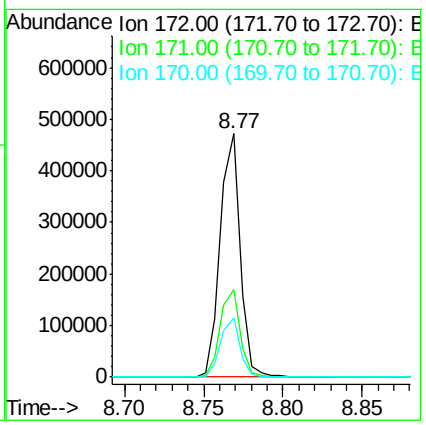


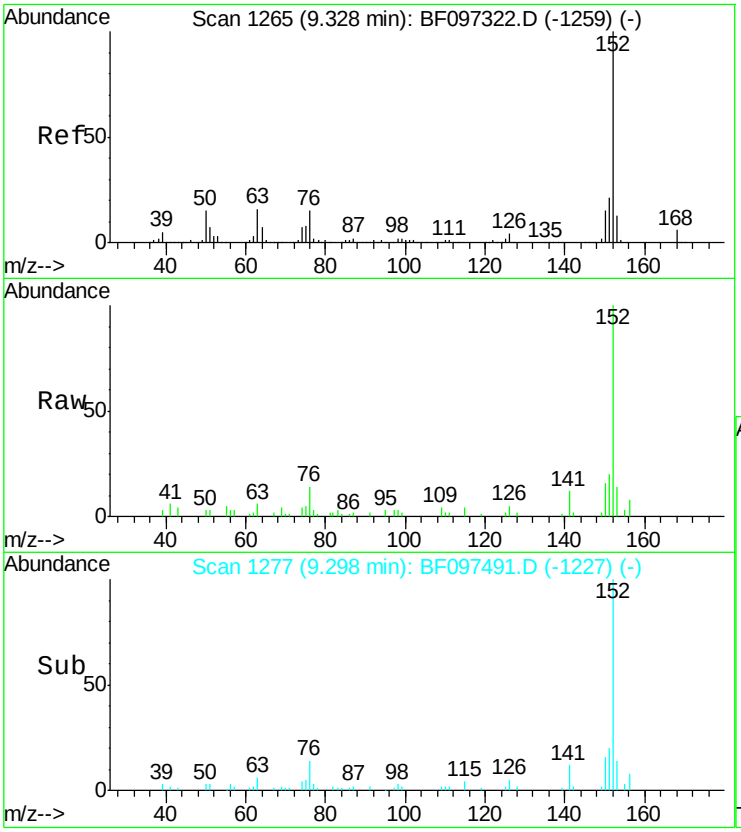


#44
2-Fluorobiphenyl
Concen: 59.45 ng
RT: 8.77 min Scan# 1187
Delta R.T. -0.01 min
Lab File: BF097491.D
Acq: 9 Aug 2017 1:51

Tgt Ion:172 Resp: 412844

Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.6	44.4
170	24.3	19.8	29.8



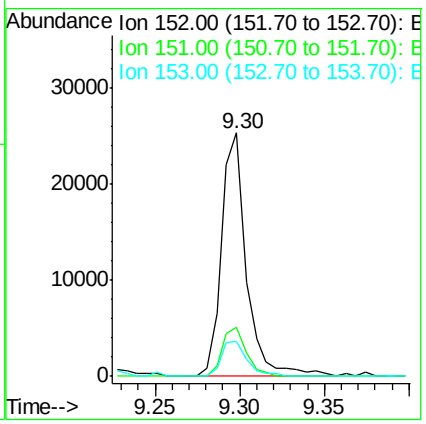


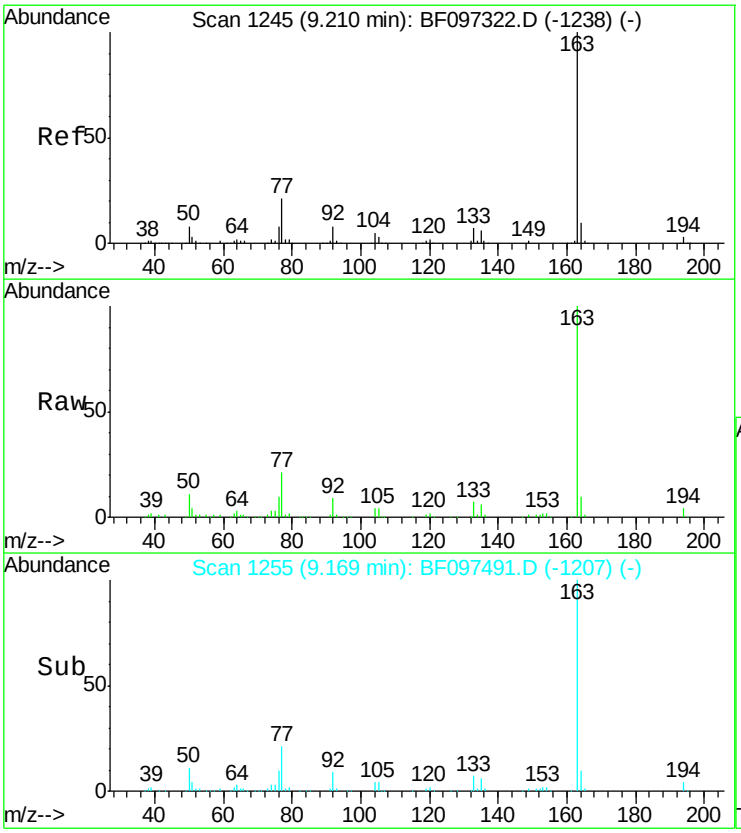
#48
Acenaphthylene
Concen: 2.28 ng
RT: 9.30 min Scan# 1277
Delta R.T. -0.01 min
Lab File: BF097491.D
Acq: 9 Aug 2017 1:51

Instrument :
BNA_F
ClientSampleId :
CL-01-080717-E

Tgt Ion:152 Resp: 25961

Ion	Ratio	Lower	Upper
152	100		
151	20.3	16.8	25.2
153	14.3	10.8	16.2

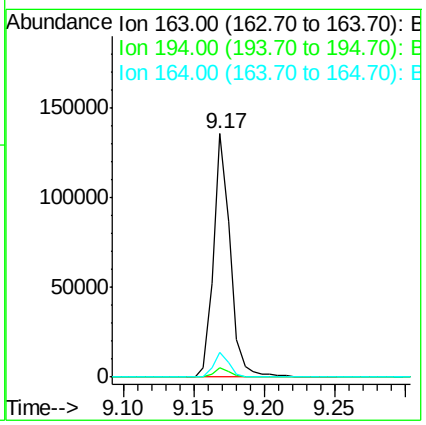


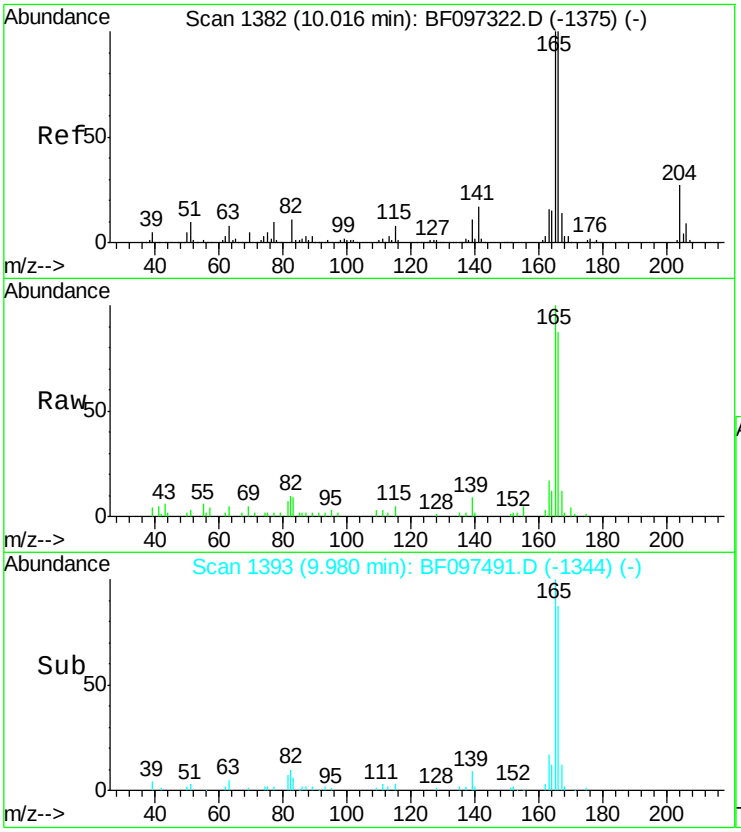


#49
Dimethylphthalate
Concen: 12.51 ng
RT: 9.17 min Scan# 1255
Delta R.T. -0.02 min
Lab File: BF097491.D
Acq: 9 Aug 2017 1:51

Tgt Ion:163 Resp: 111923

Ion	Ratio	Lower	Upper
163	100		
194	3.6	2.6	4.0
164	10.3	8.4	12.6



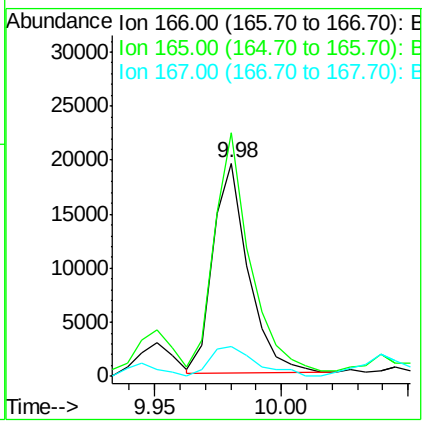


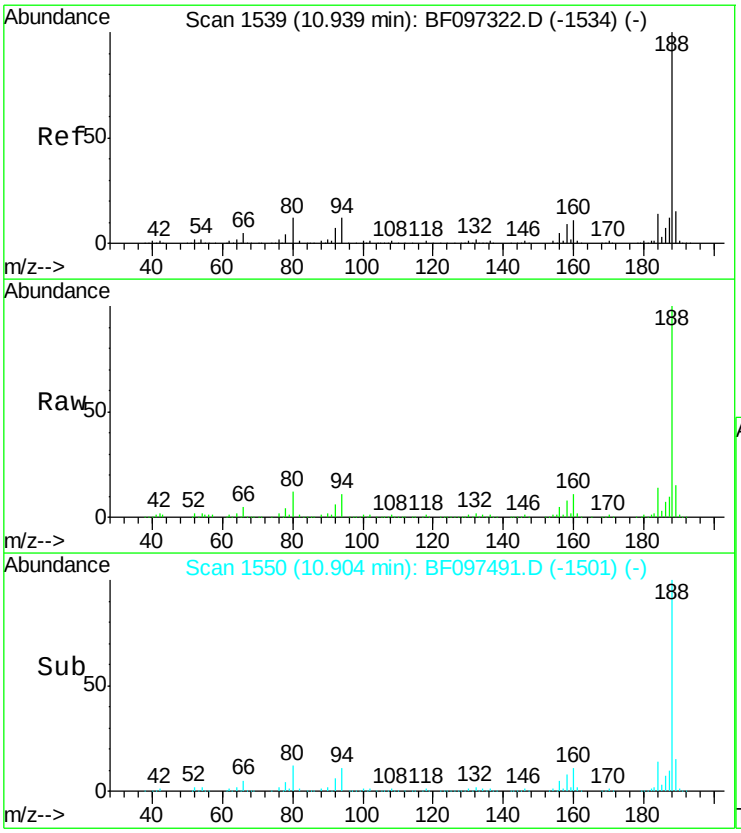
#57
Fluorene
Concen: 2.82 ng
RT: 9.98 min Scan# 1393
Delta R.T. -0.01 min
Lab File: BF097491.D
Acq: 9 Aug 2017 1:51

Instrument :
BNA_F
ClientSampleId :
CL-01-080717-E

Tgt Ion:166 Resp: 18917

Ion	Ratio	Lower	Upper
166	100		
165	114.4	78.8	118.2
167	14.0	10.6	16.0

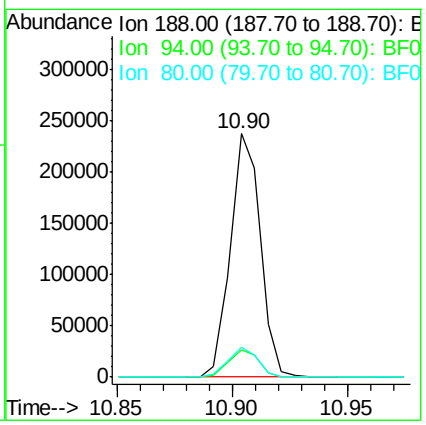


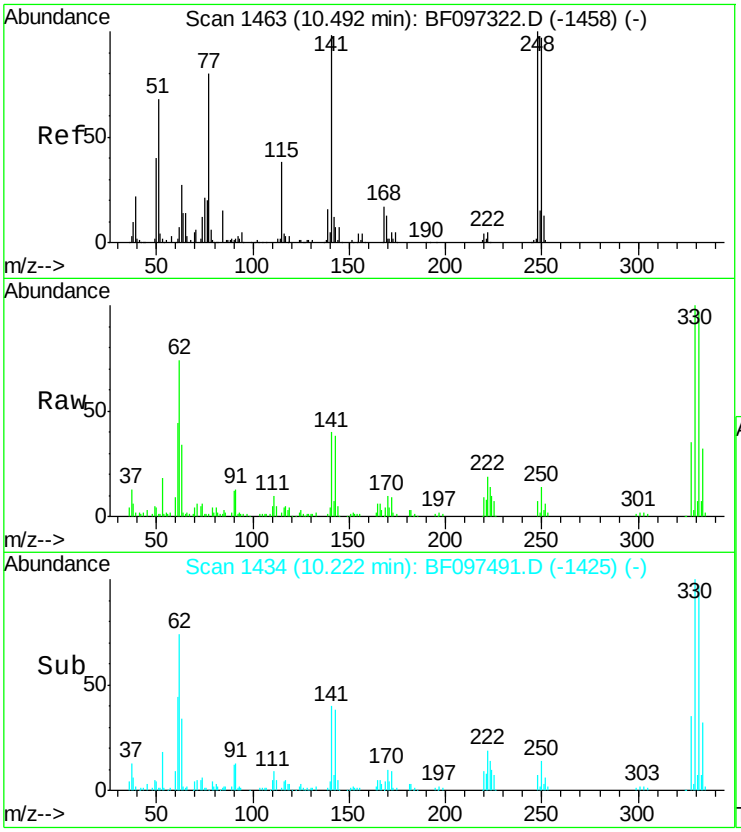


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 10.90 min Scan# 1550
Delta R.T. -0.01 min
Lab File: BF097491.D
Acq: 9 Aug 2017 1:51

Tgt Ion:188 Resp: 215347

Ion	Ratio	Lower	Upper
188	100		
94	11.4	9.4	14.2
80	12.0	10.2	15.2



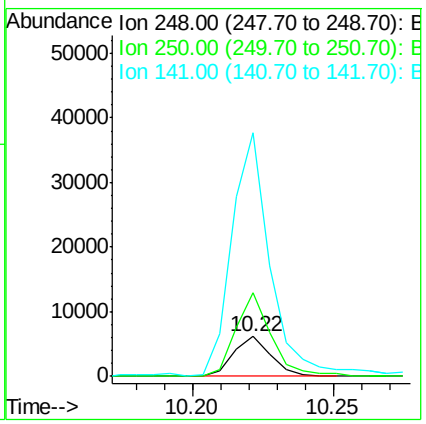


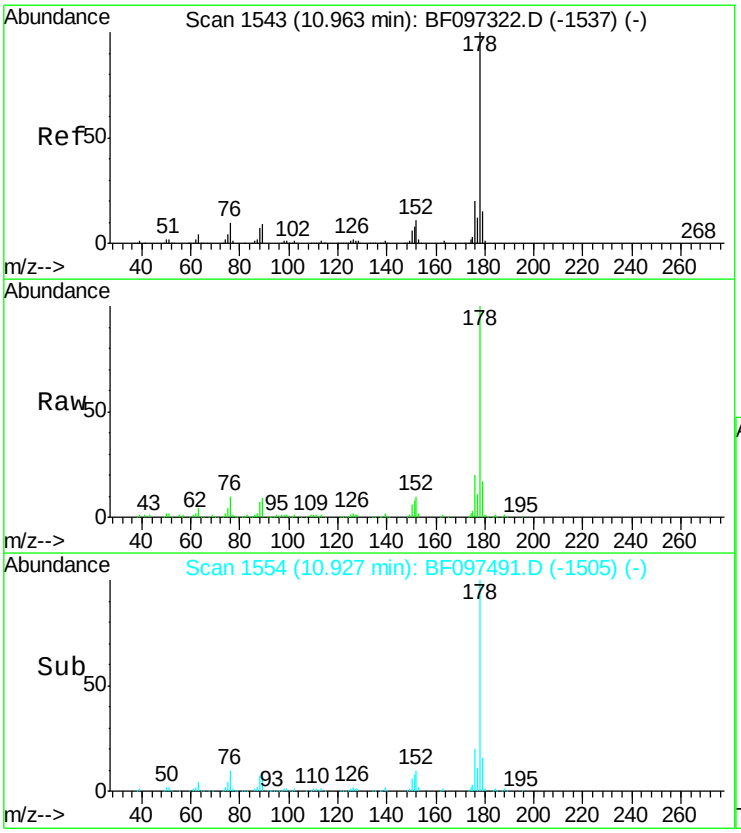
#66
4-Bromophenyl-phenylether
Concen: 2.64 ng
RT: 10.22 min Scan# 1434
Delta R.T. -0.25 min
Lab File: BF097491.D
Acq: 9 Aug 2017 1:51

Instrument :
BNA_F
ClientSampleId :
CL-01-080717-E

Tgt Ion:248 Resp: 5680

Ion	Ratio	Lower	Upper
248	100		
250	208.5	76.8	115.2#
141	609.3	68.6	103.0#

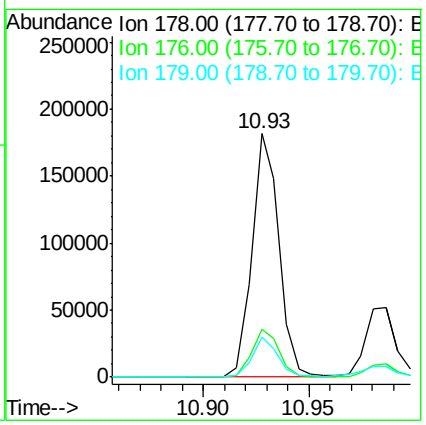


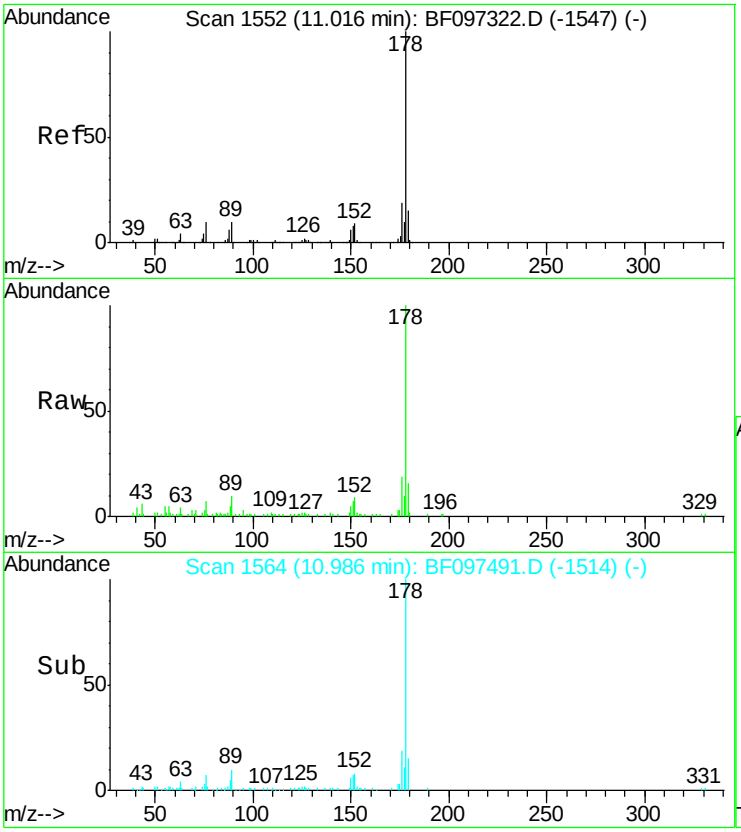


#70
Phenanthrene
Concen: 13.97 ng
RT: 10.93 min Scan# 1554
Delta R.T. -0.01 min
Lab File: BF097491.D
Acq: 9 Aug 2017 1:51

Tgt Ion:178 Resp: 161212

Ion	Ratio	Lower	Upper
178	100		
176	19.8	16.2	24.4
179	16.5	12.6	19.0



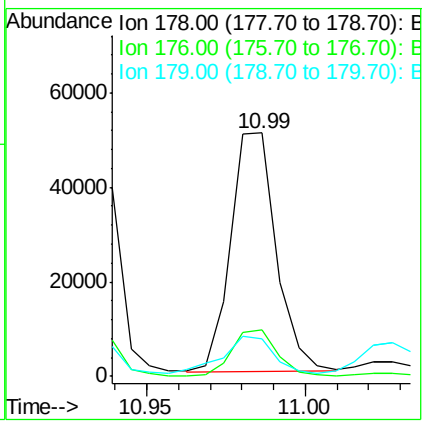


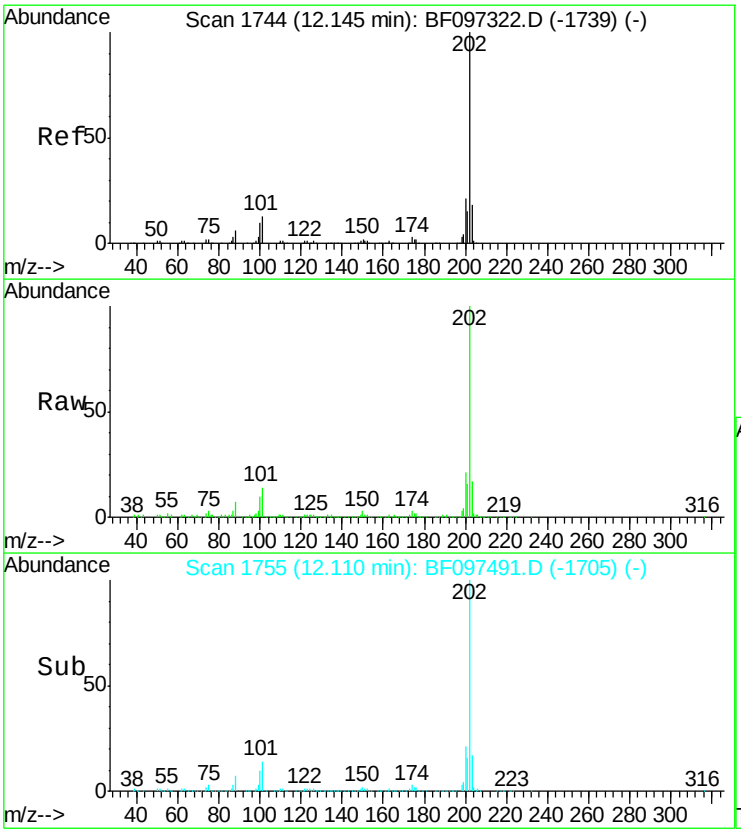
#71
Anthracene
Concen: 4.26 ng
RT: 10.99 min Scan# 1564
Delta R.T. -0.01 min
Lab File: BF097491.D
Acq: 9 Aug 2017 1:51

Instrument :
BNA_F
ClientSampleId :
CL-01-080717-E

Tgt Ion:178 Resp: 50313

Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.8	23.8
179	15.6	12.7	19.1

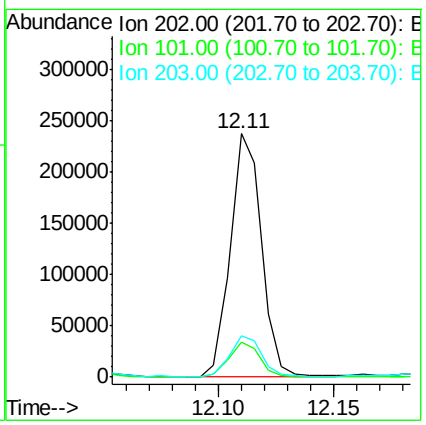


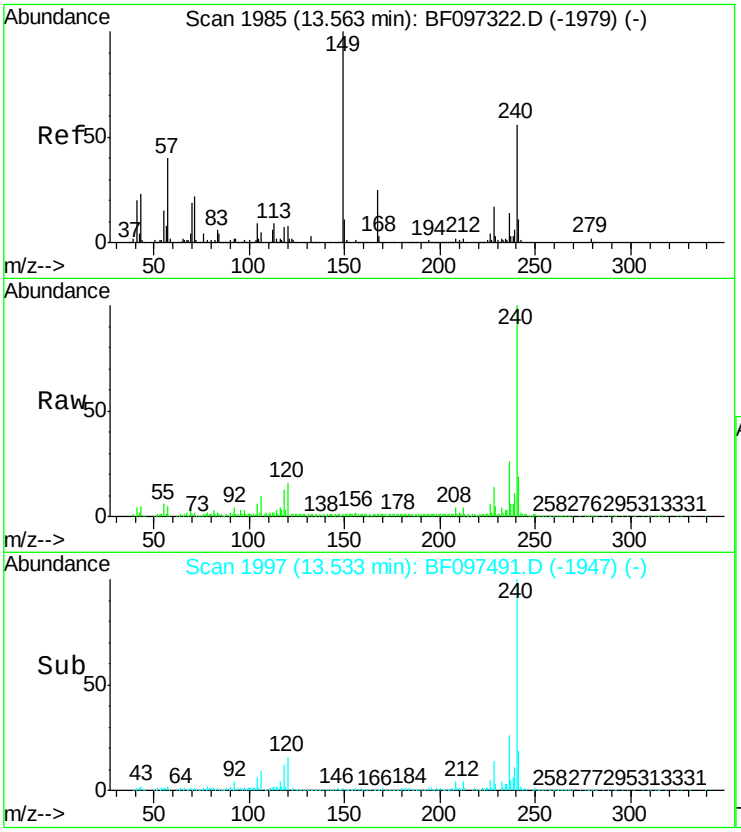


#74
Fluoranthene
Concen: 19.55 ng
RT: 12.11 min Scan# 1755
Delta R.T. -0.01 min
Lab File: BF097491.D
Acq: 9 Aug 2017 1:51

Tgt Ion:202 Resp: 220954

Ion	Ratio	Lower	Upper
202	100		
101	14.4	0.0	33.2
203	17.1	0.0	38.1



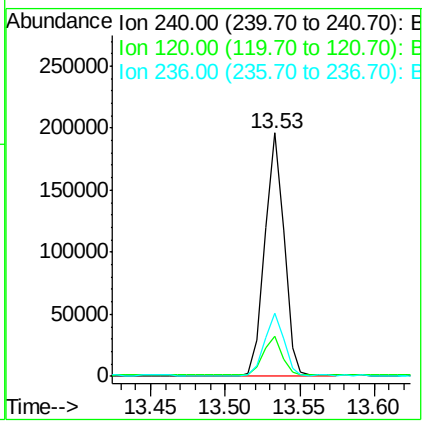


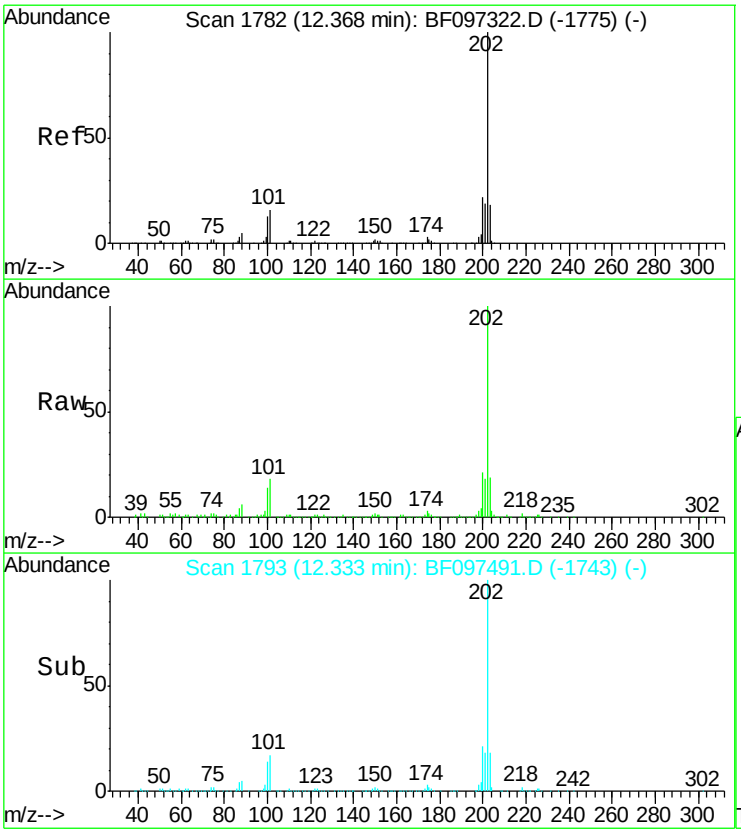
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.53 min Scan# 1997
Delta R.T. -0.01 min
Lab File: BF097491.D
Acq: 9 Aug 2017 1:51

Instrument :
BNA_F
ClientSampleId :
CL-01-080717-E

Tgt Ion:240 Resp: 174476

Ion	Ratio	Lower	Upper
240	100		
120	16.3	5.8	8.8#
236	25.9	20.5	30.7

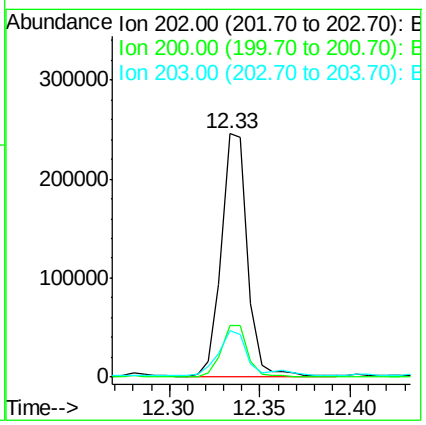


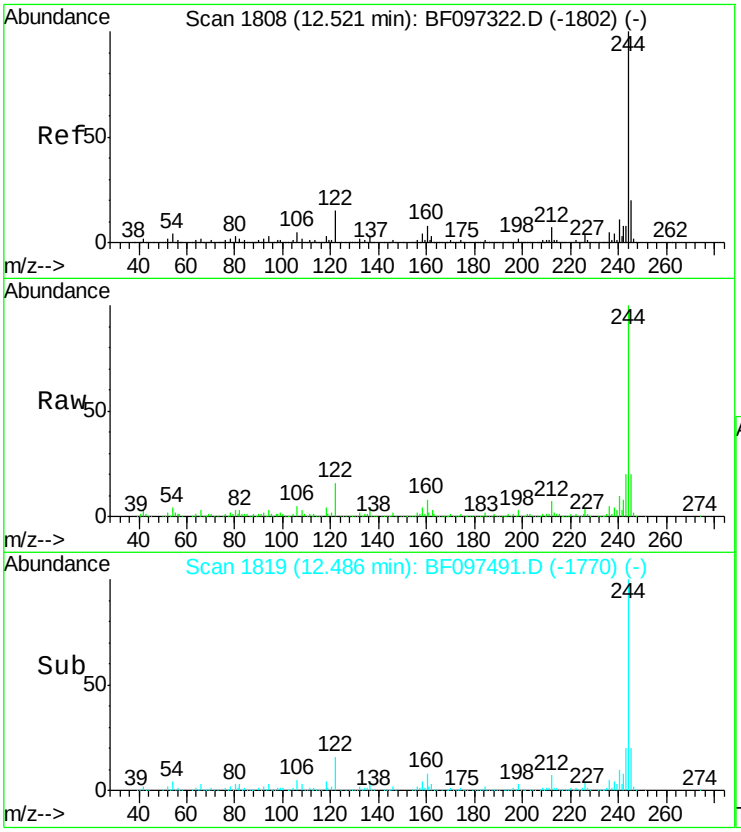


#77
Pyrene
Concen: 17.20 ng
RT: 12.33 min Scan# 1793
Delta R.T. -0.01 min
Lab File: BF097491.D
Acq: 9 Aug 2017 1:51

Tgt Ion:202 Resp: 245628

Ion	Ratio	Lower	Upper
202	100		
200	21.0	17.6	26.4
203	19.3	14.4	21.6



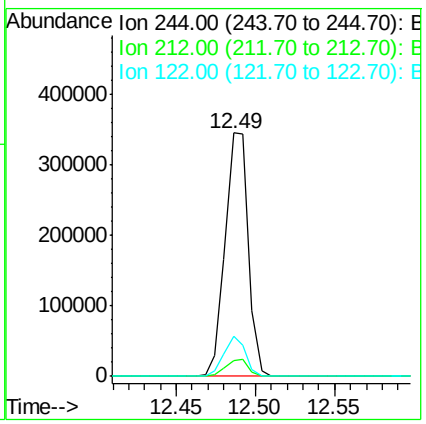


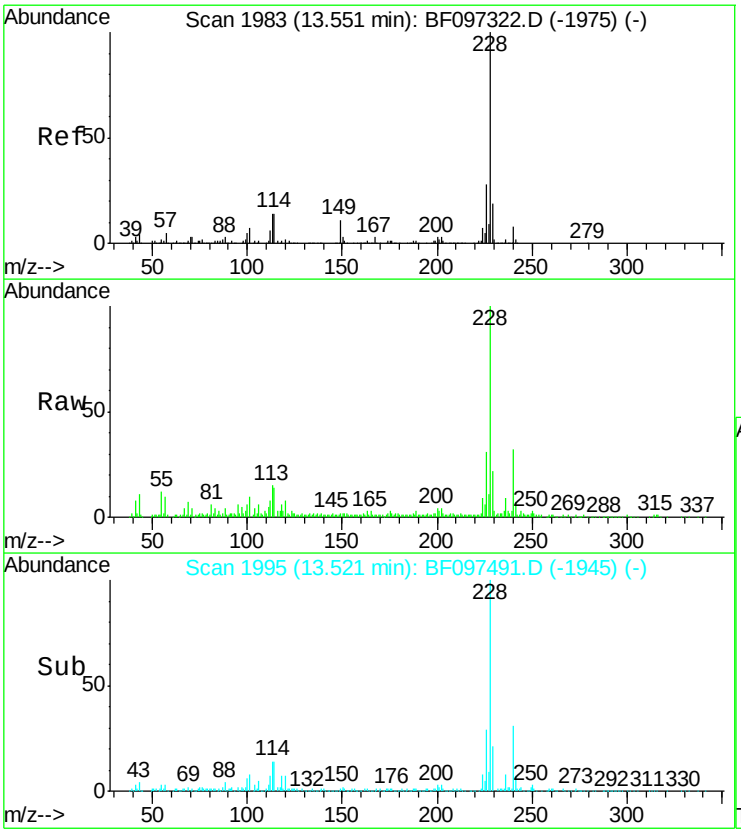
#78
Terphenyl-d14
Concen: 40.95 ng
RT: 12.49 min Scan# 1819
Delta R.T. -0.01 min
Lab File: BF097491.D
Acq: 9 Aug 2017 1:51

Instrument :
BNA_F
ClientSampleId :
CL-01-080717-E

Tgt Ion:244 Resp: 350436

Ion	Ratio	Lower	Upper
244	100		
212	6.7	6.0	9.0
122	16.3	10.3	15.5#

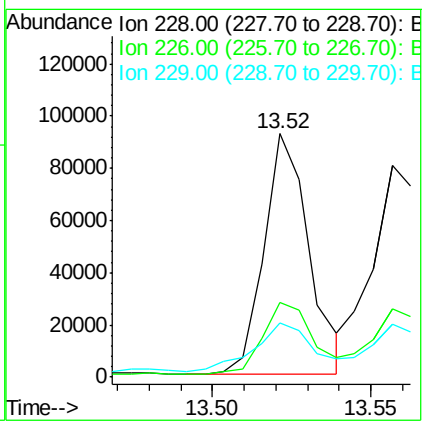


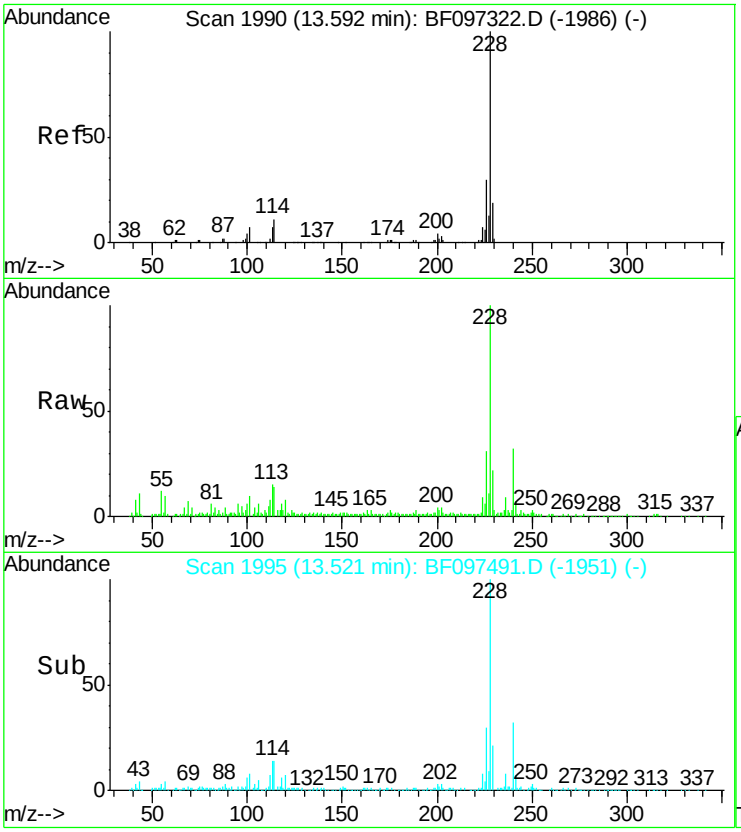


#80
Benzo(a)anthracene
Concen: 8.15 ng
RT: 13.52 min Scan# 1995
Delta R.T. -0.01 min
Lab File: BF097491.D
Acq: 9 Aug 2017 1:51

Tgt Ion:228 Resp: 91967

Ion	Ratio	Lower	Upper
228	100		
226	30.5	22.6	33.8
229	22.3	16.3	24.5



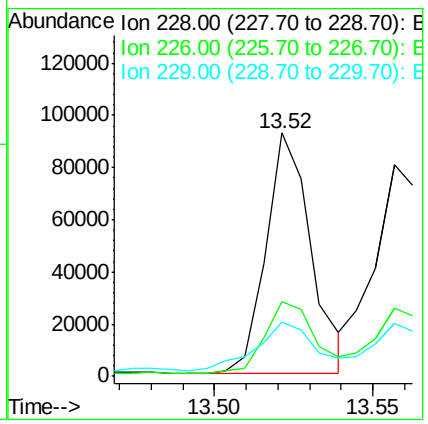


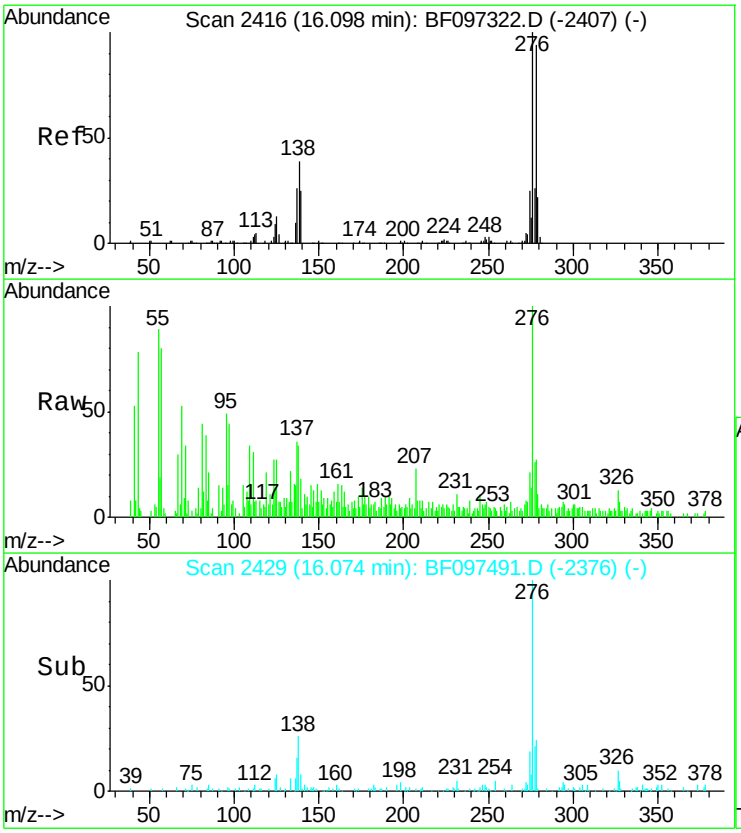
#82
Chrysene
Concen: 8.34 ng
RT: 13.52 min Scan# 1995
Delta R.T. -0.04 min
Lab File: BF097491.D
Acq: 9 Aug 2017 1:51

Instrument :
BNA_F
ClientSampleId :
CL-01-080717-E

Tgt Ion:228 Resp: 91967

Ion	Ratio	Lower	Upper
228	100		
226	30.5	24.9	37.3
229	22.3	15.8	23.6

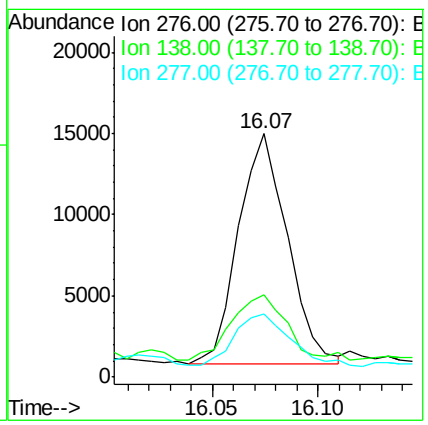


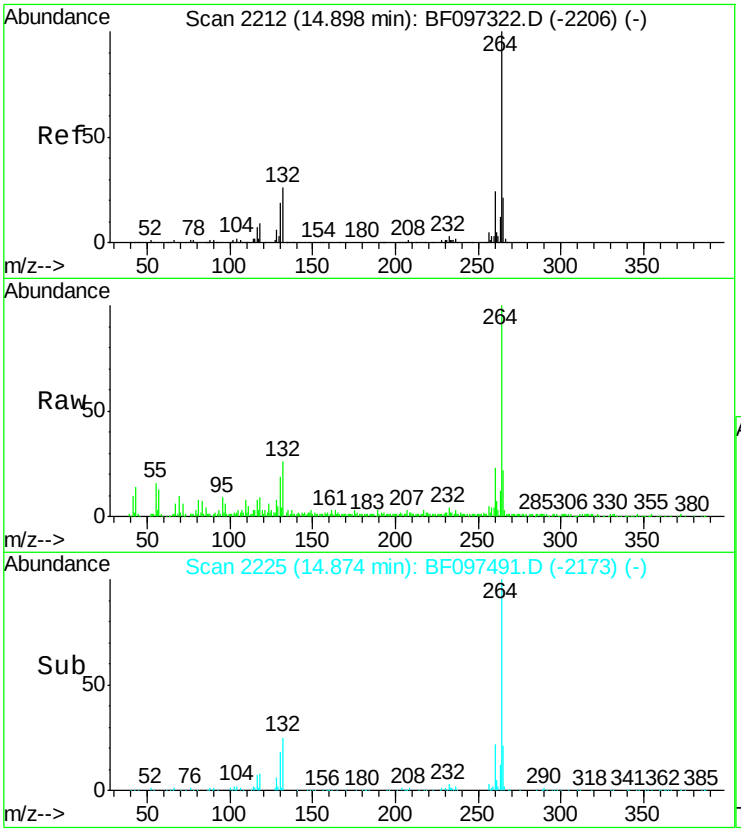


#85
Indeno(1,2,3-cd)pyrene
Concen: 2.40 ng
RT: 16.07 min Scan# 2429
Delta R.T. 0.01 min
Lab File: BF097491.D
Acq: 9 Aug 2017 1:51

Tgt Ion:276 Resp: 22723

Ion	Ratio	Lower	Upper
276	100		
138	32.9	27.8	41.6
277	27.1	20.2	30.4



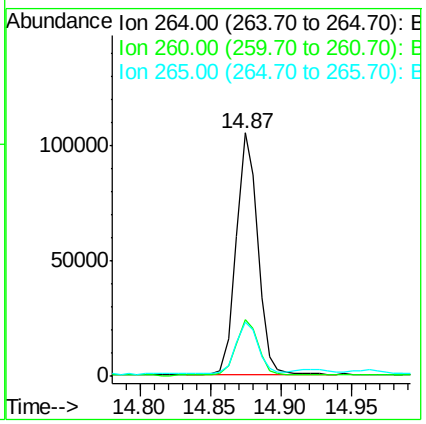


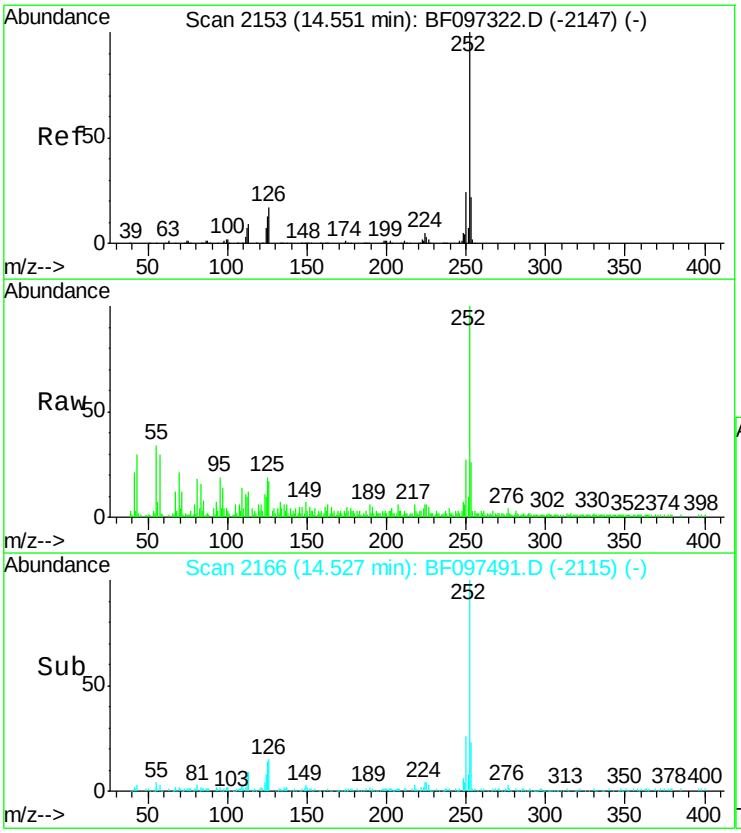
#86
Perylene-d12
Concen: 20.00 ng
RT: 14.87 min Scan# 2225
Delta R.T. 0.01 min
Lab File: BF097491.D
Acq: 9 Aug 2017 1:51

Instrument :
BNA_F
ClientSampleId :
CL-01-080717-E

Tgt Ion:264 Resp: 112770

Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.5	29.3
265	22.0	17.2	25.8

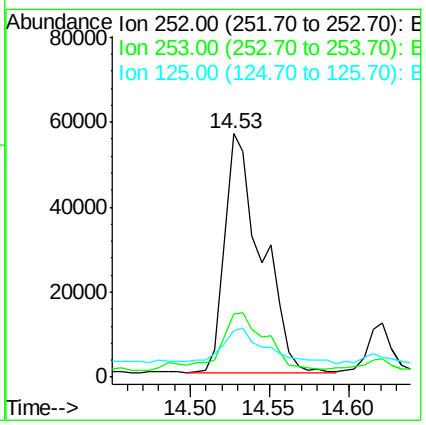


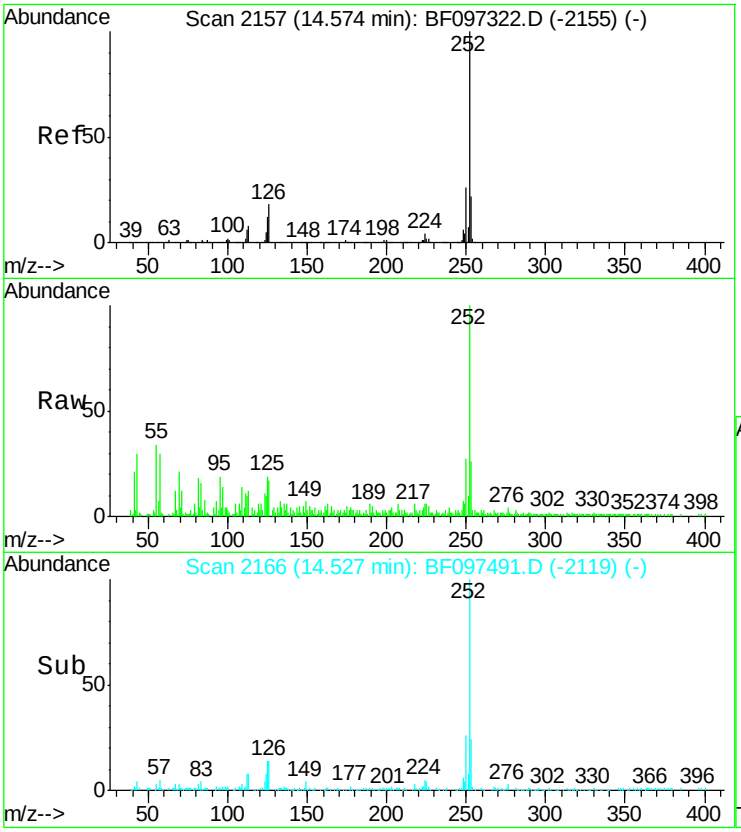


#87
Benzo(b)fluoranthene
Concen: 13.36 ng
RT: 14.53 min Scan# 2166
Delta R.T. 0.00 min
Lab File: BF097491.D
Acq: 9 Aug 2017 1:51

Tgt Ion:252 Resp: 90599

Ion	Ratio	Lower	Upper
252	100		
253	25.9	18.1	27.1
125	19.3	9.8	14.8#



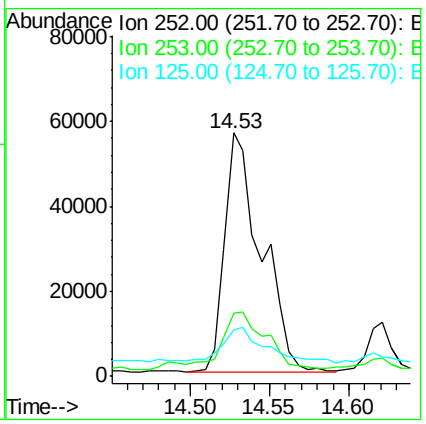


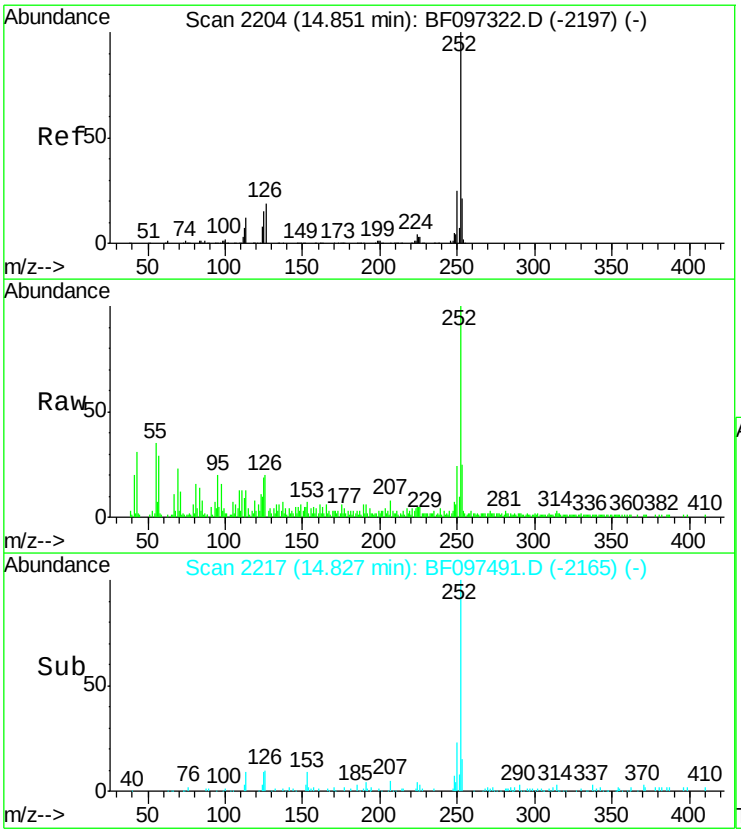
#88
Benzo(k)fluoranthene
Concen: 14.03 ng
RT: 14.53 min Scan# 2166
Delta R.T. -0.02 min
Lab File: BF097491.D
Acq: 9 Aug 2017 1:51

Instrument :
BNA_F
ClientSampleId :
CL-01-080717-E

Tgt Ion:252 Resp: 90599

Ion	Ratio	Lower	Upper
252	100		
253	25.9	18.4	27.6
125	19.3	13.1	19.7

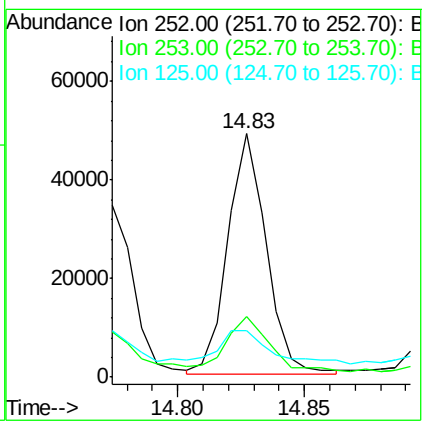


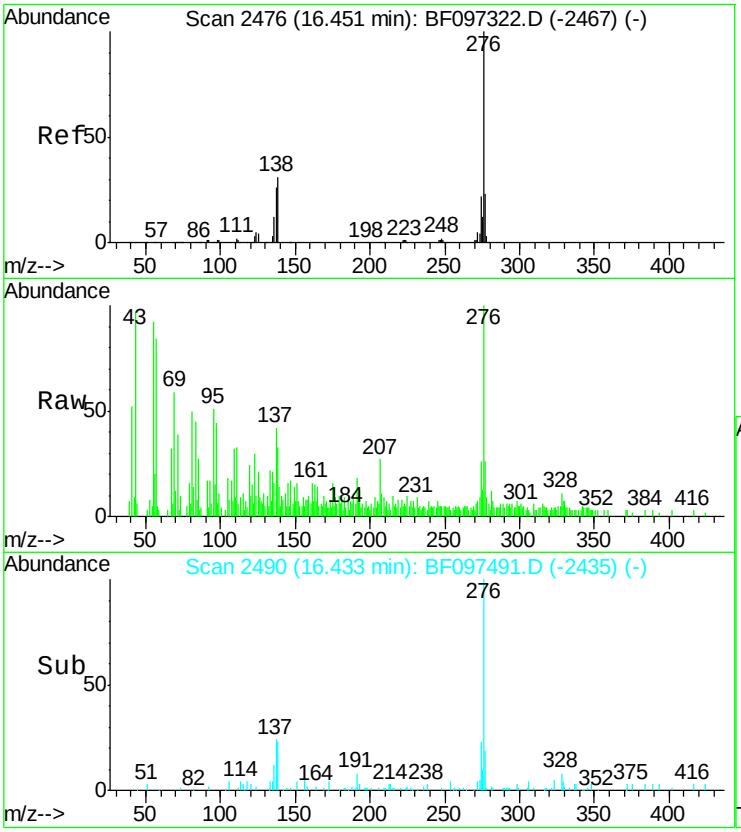


#89
Benzo(a)pyrene
Concen: 8.25 ng
RT: 14.83 min Scan# 2217
Delta R.T. 0.01 min
Lab File: BF097491.D
Acq: 9 Aug 2017 1:51

Tgt Ion:252 Resp: 51198

Ion	Ratio	Lower	Upper
252	100		
253	24.8	17.5	26.3
125	19.3	11.0	16.4#





#91
Benzo(g,h,i)perylene
Concen: 4.56 ng
RT: 16.43 min Scan# 2490
Delta R.T. 0.02 min
Lab File: BF097491.D
Acq: 9 Aug 2017 1:51

Instrument :
BNA_F
ClientSampleId :
CL-01-080717-E

Tgt Ion:276 Resp: 24315

Ion	Ratio	Lower	Upper
276	100		
277	25.5	18.6	28.0
138	33.5	25.4	38.0