Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE071618\
Data File : BE096940.D
Acq On : 16 Jul 2018 15:30
Operator : SJ/JU
Sample : SSTDICC3.2
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId :

Quant Time: Jul 17 16:41:42 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE071618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 17 15:02:56 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.40	152	1967	0.40	ng		0.00
7) Naphthalene-d8	10.14	136	10553	0.40	ng		0.00
13) Acenaphthene-d10	14.03	164	5816	0.40	ng		0.00
19) Phenanthrene-d10	16.78	188	13371	0.40	ng		0.00
27) Chrysene-d12	20.98	240	13144	0.40	ng		0.00
34) Perylene-d12	23.21	264	10409	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.05	112	16846	3.58	ng		0.00
5) Phenol-d6	6.59	99	26618	3.71	ng		0.00
8) Nitrobenzene-d5	8.53	82	28037	3.64	ng		0.00
11) 2-Methylnaphthalene-d10	11.73	152	52342	3.40	ng		0.00
14) 2,4,6-Tribromophenol	15.52	330	7132	3.20	ng		0.00
15) 2-Fluorobiphenyl	12.64	172	70652	3.27	ng		0.00
25) Fluoranthene-d10	18.81	212	438824	3.77	ng		0.00
29) Terphenyl-d14	19.44	244	83893	3.31	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.09	88	9134	3.244	ng	#	87
3) n-Nitrosodimethylamine	3.37	42	11514	3.634	ng	#	91
6) bis(2-Chloroethyl)ether	6.84	93	23878	3.388	ng		99
9) Naphthalene	10.20	128	311745	3.300	ng		99
10) Hexachlorobutadiene	10.50	225	12715	3.329	ng		98
12) 2-Methylnaphthalene	11.81	142	54567	3.406	ng		98
16) Acenaphthylene	13.74	152	94221	3.547	ng		100
17) Acenaphthene	14.08	154	57043	3.454	ng		96
18) Fluorene	15.07	166	66067	3.563	ng	#	80
20) 4-Bromophenyl-phenylether	15.98	248	22205	3.512	ng	#	73
21) Hexachlorobenzene	16.09	284	23487	3.344	ng	#	81
22) Pentachlorophenol	16.43	266	7216	2.952	ng	#	70
23) Phenanthrene	16.81	178	110221	3.442	ng		99
24) Anthracene	16.90	178	103432	3.712	ng		95
26) Fluoranthene	18.84	202	127011	3.761	ng		99
28) Pyrene	19.21	202	126461	3.259	ng		99
30) Benzo(a)anthracene	20.96	228	114212	3.649	ng		98
31) Chrysene	21.02	228	114336	3.257	ng		99
32) Bis(2-ethylhexyl)phthalate	20.93	149	148916	4.766	ng		99
33) Indeno(1,2,3-cd)pyrene	25.51	276	97718	3.821	ng		96
35) Benzo(b)fluoranthene	22.54	252	100820	3.795	ng	#	86
36) Benzo(k)fluoranthene	22.58	252	118733	3.758	ng		97
37) Benzo(a)pyrene	23.11	252	94842	3.237	ng	#	93
38) Dibenzo(a,h)anthracene	25.53	278	81163	3.243	ng	#	94
39) Benzo(g,h,i)perylene	26.21	276	83009	3.843	ng		92

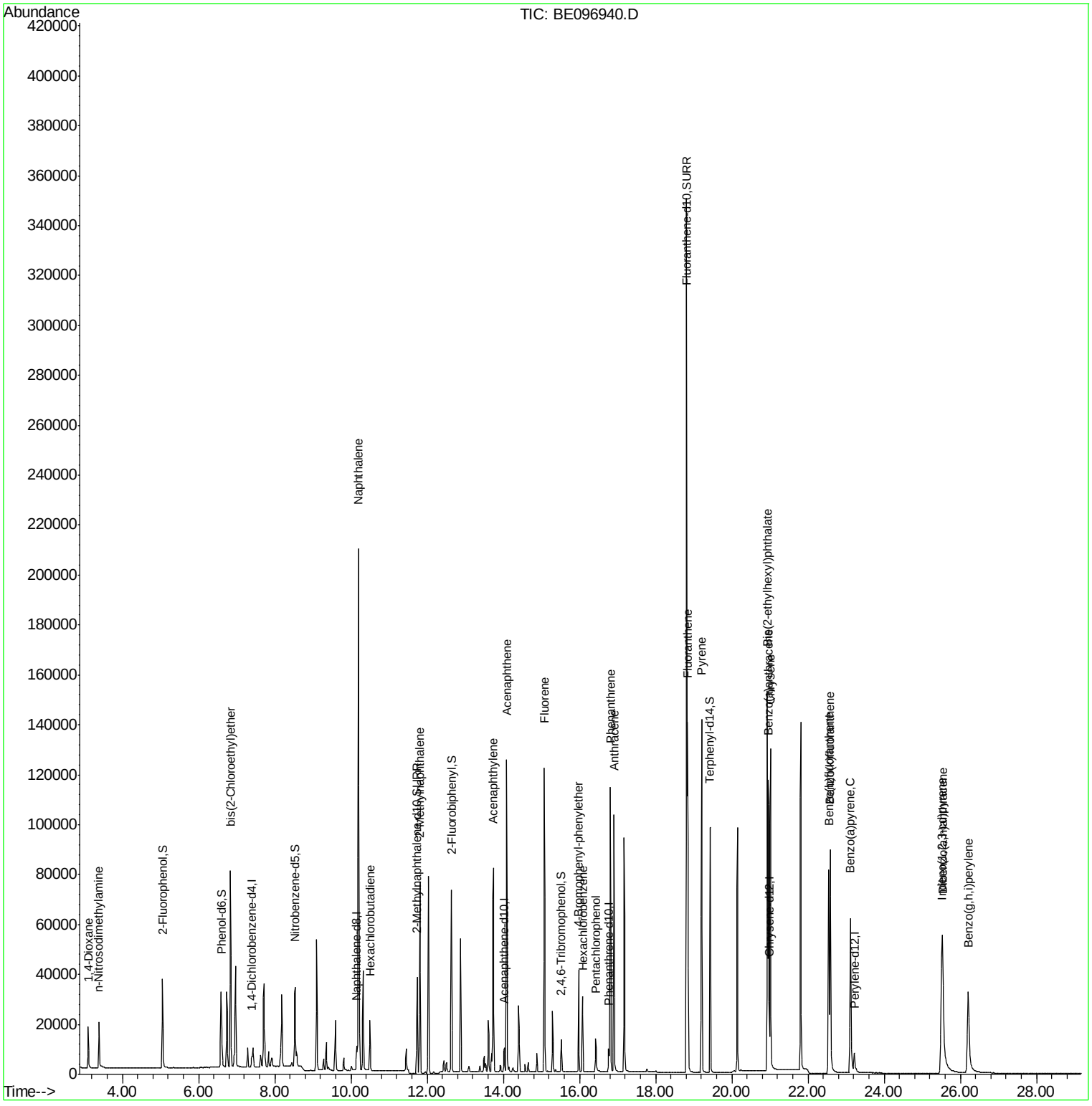
(#) = qualifier out of range (m) = manual integration (+) = signals summed

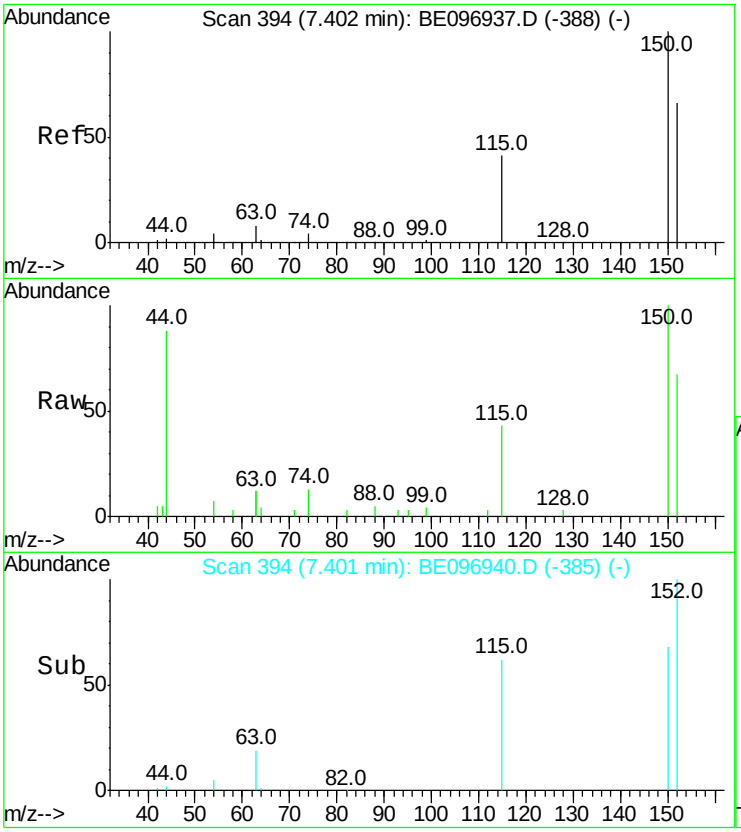
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE071618\
Data File : BE096940.D
Acq On : 16 Jul 2018 15:30
Operator : SJ/JU
Sample : SSTDICC3.2
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :

Quant Time: Jul 17 16:41:42 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE071618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 17 15:02:56 2018
Response via : Initial Calibration



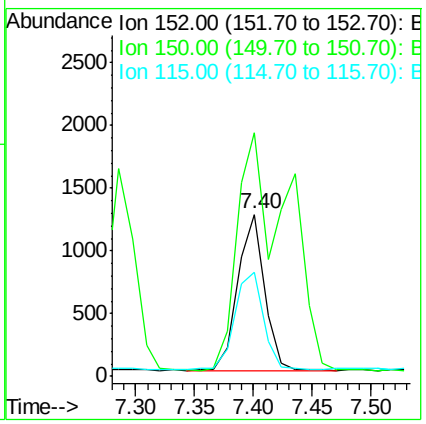


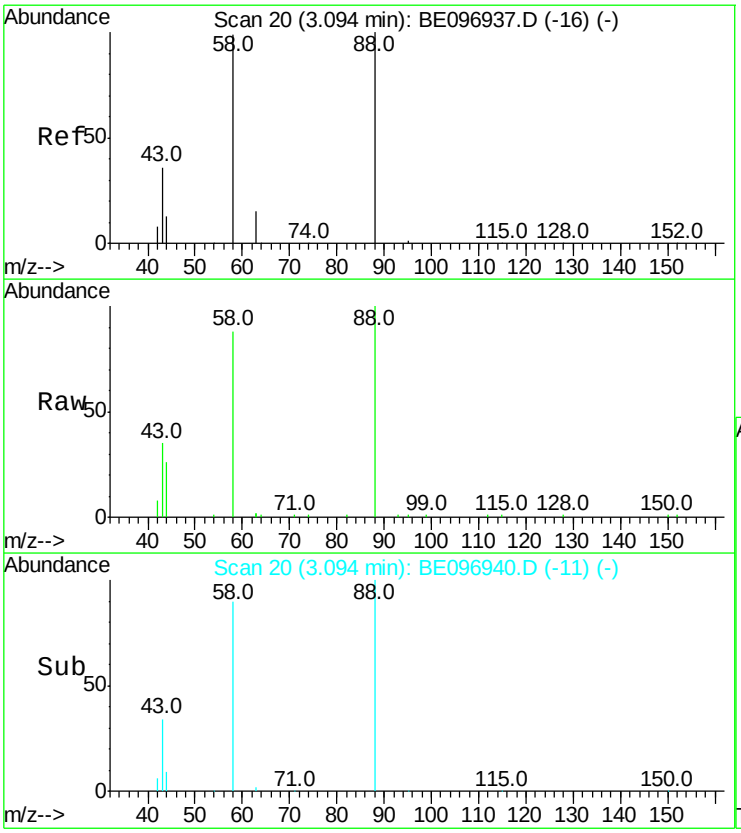
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.40 min Scan# 394
Delta R.T. -0.00 min
Lab File: BE096940.D
Acq: 16 Jul 2018 15:30

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 1967

Ion	Ratio	Lower	Upper
152	100		
150	150.1	117.2	175.8
115	64.0	57.0	85.6

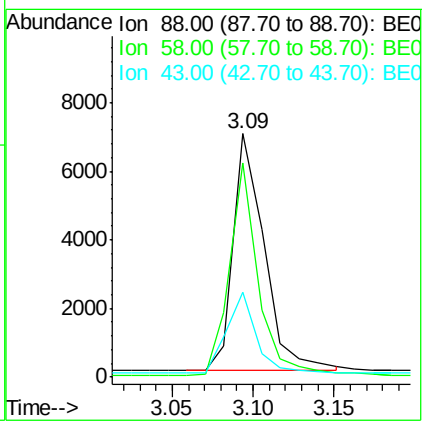


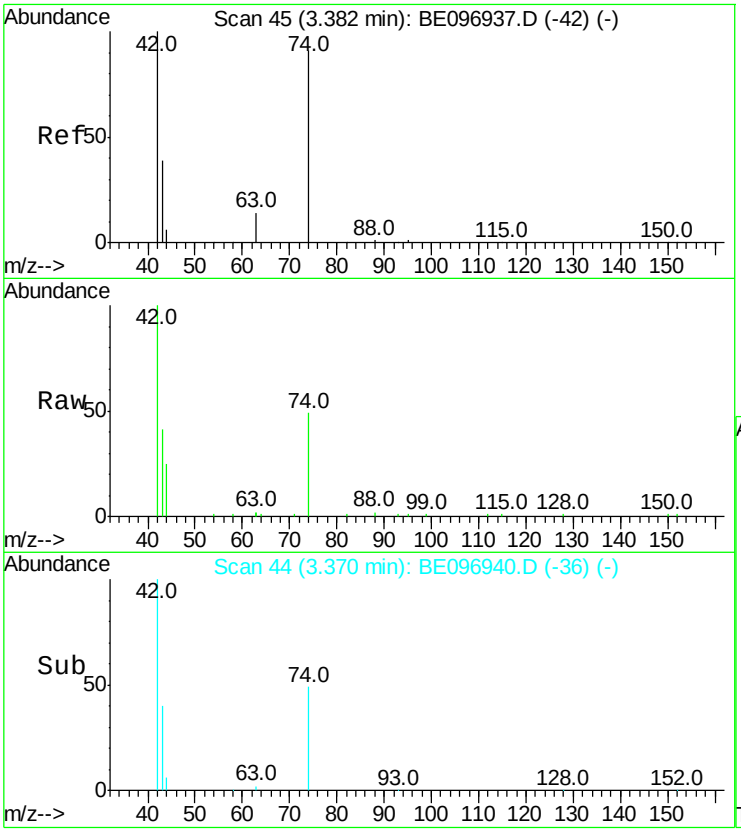


#2
1,4-Dioxane
Concen: 3.244 ng
RT: 3.09 min Scan# 20
Delta R.T. -0.00 min
Lab File: BE096940.D
Acq: 16 Jul 2018 15:30

Tgt Ion: 88 Resp: 9134

Ion	Ratio	Lower	Upper
88	100		
58	82.7	63.2	94.8
43	33.2	41.2	61.8#



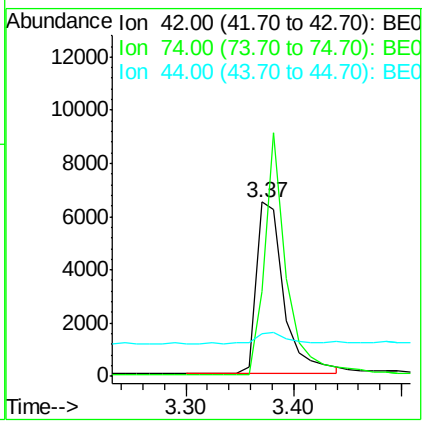


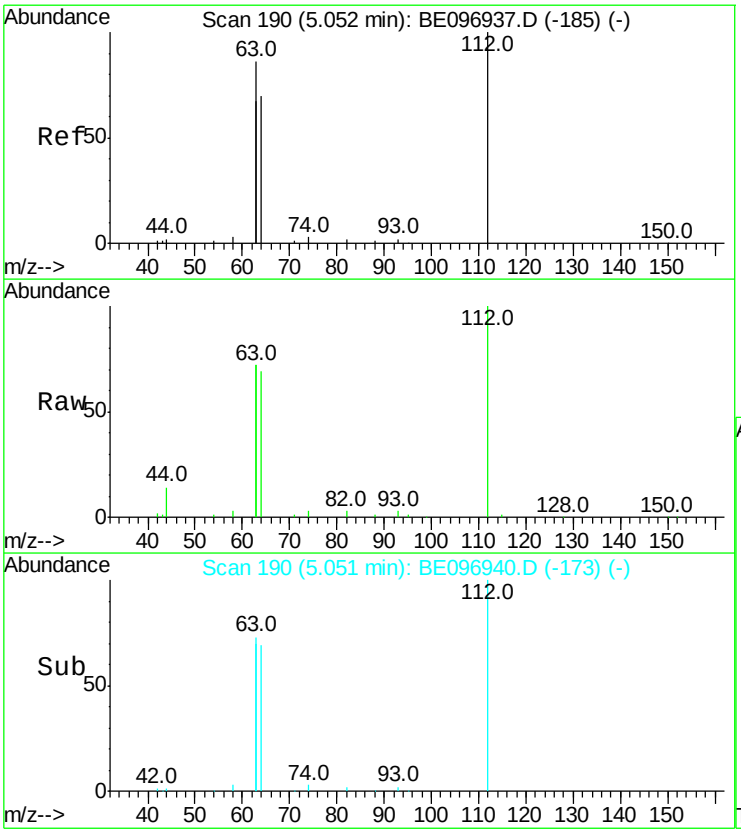
#3
n-Nitrosodimethylamine
Concen: 3.634 ng
RT: 3.37 min Scan# 44
Delta R.T. -0.01 min
Lab File: BE096940.D
Acq: 16 Jul 2018 15:30

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 42 Resp: 11514

Ion	Ratio	Lower	Upper
42	100		
74	110.9	96.0	144.0
44	8.6	12.0	18.0#

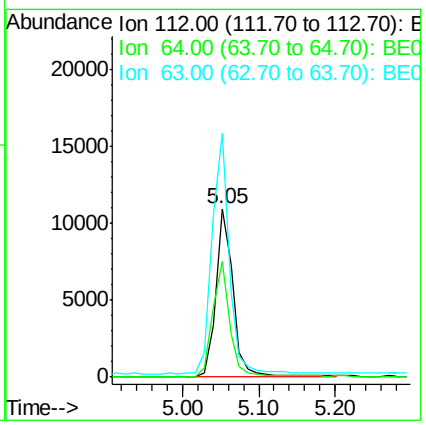


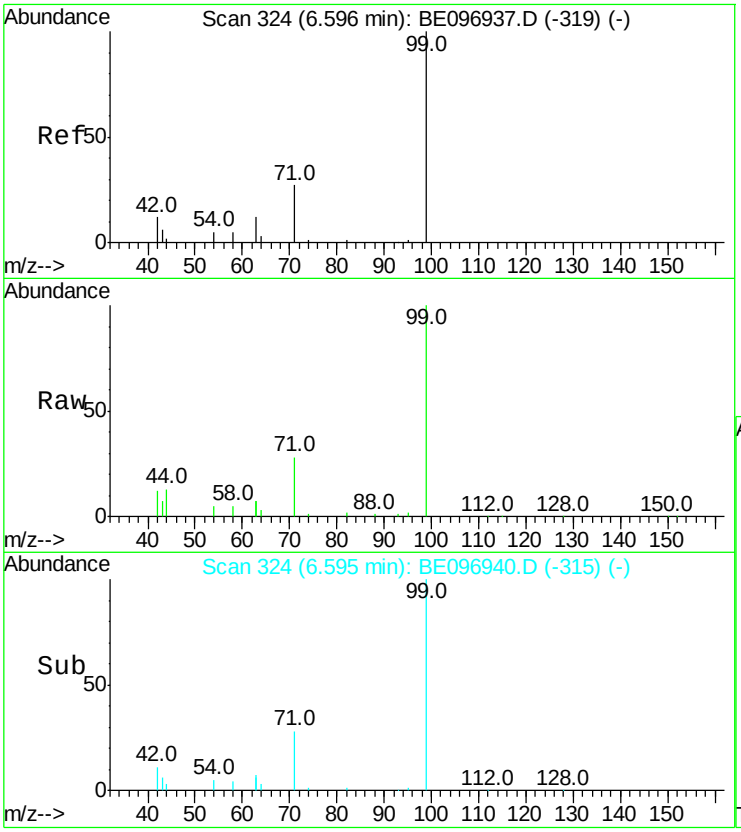


#4
2-Fluorophenol
Concen: 3.580 ng
RT: 5.05 min Scan# 190
Delta R.T. -0.00 min
Lab File: BE096940.D
Acq: 16 Jul 2018 15:30

Tgt Ion:112 Resp: 16846

Ion	Ratio	Lower	Upper
112	100		
64	67.5	60.1	90.1
63	144.1	116.8	175.2



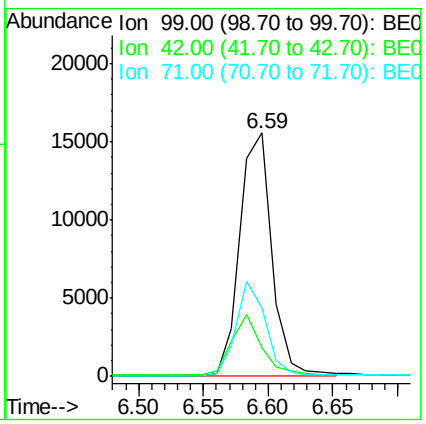


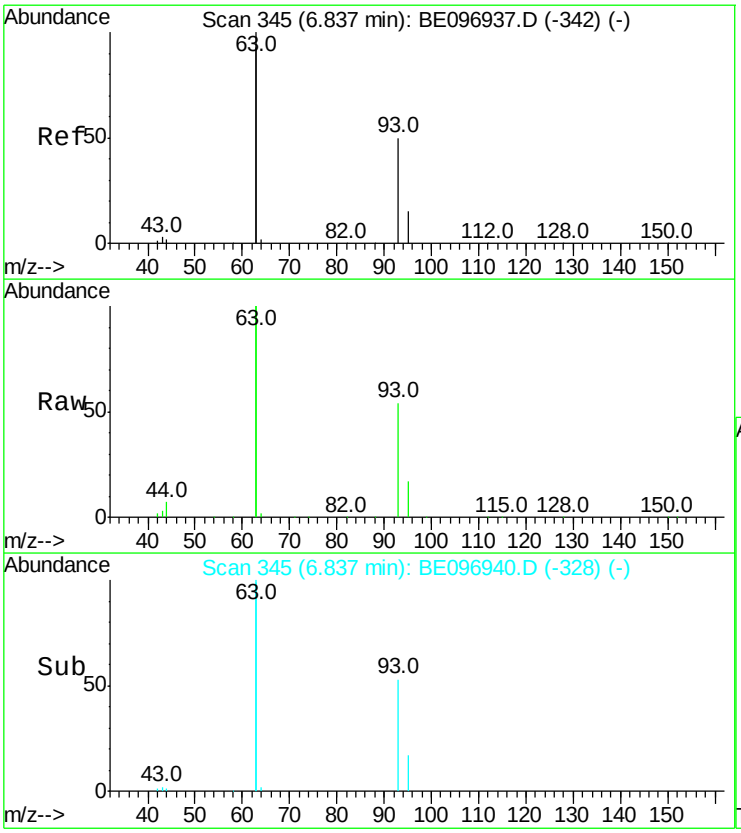
#5
Phenol-d6
Concen: 3.707 ng
RT: 6.59 min Scan# 324
Delta R.T. -0.00 min
Lab File: BE096940.D
Acq: 16 Jul 2018 15:30

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 99 Resp: 26618

Ion	Ratio	Lower	Upper
99	100		
42	23.2	20.2	30.2
71	35.8	28.4	42.6

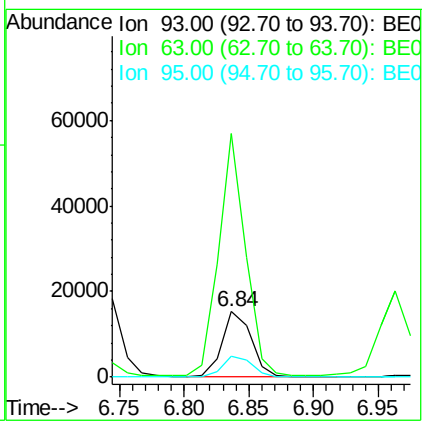


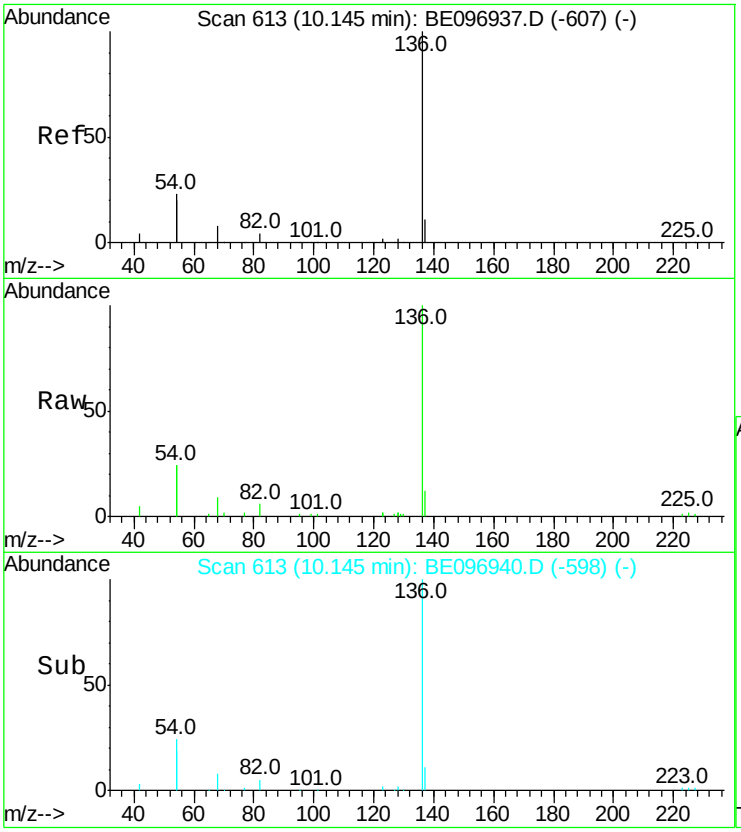


#6
bis(2-Chloroethyl)ether
Concen: 3.388 ng
RT: 6.84 min Scan# 345
Delta R.T. -0.00 min
Lab File: BE096940.D
Acq: 16 Jul 2018 15:30

Tgt Ion: 93 Resp: 23878

Ion	Ratio	Lower	Upper
93	100		
63	341.9	275.3	412.9
95	32.6	25.2	37.8



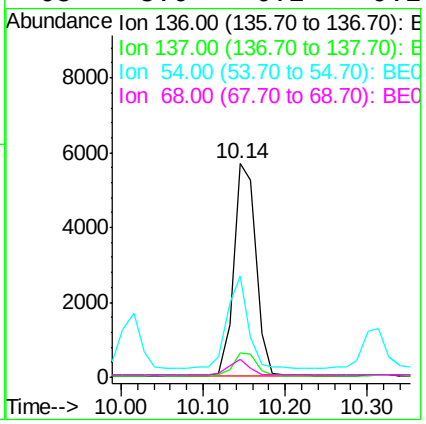


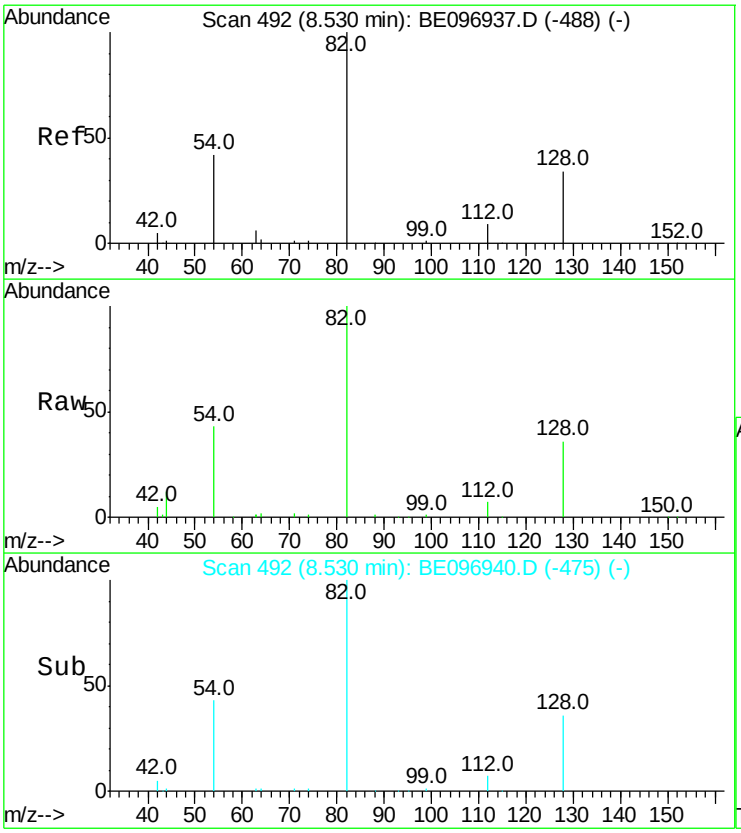
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.14 min Scan# 613
Delta R.T. -0.00 min
Lab File: BE096940.D
Acq: 16 Jul 2018 15:30

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:136 Resp: 10553

Ion	Ratio	Lower	Upper
136	100		
137	11.6	9.5	14.3
54	47.2	29.1	43.7#
68	8.6	6.2	9.2

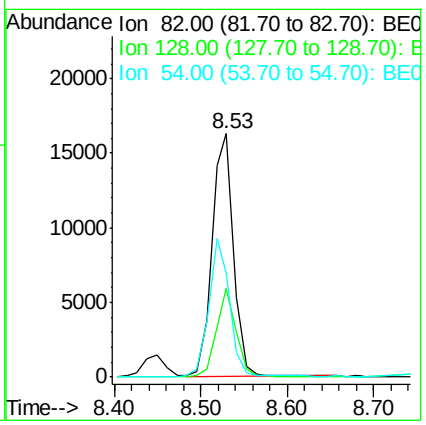


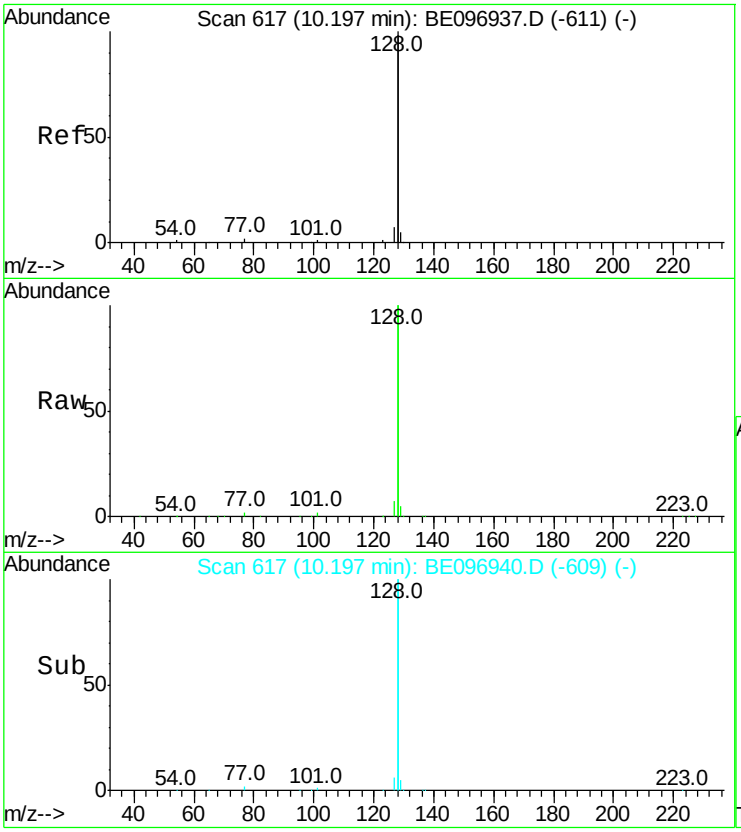


#8
Nitrobenzene-d5
Concen: 3.643 ng
RT: 8.53 min Scan# 492
Delta R.T. -0.00 min
Lab File: BE096940.D
Acq: 16 Jul 2018 15:30

Tgt Ion: 82 Resp: 28037

Ion	Ratio	Lower	Upper
82	100		
128	36.4	24.0	36.0#
54	43.0	40.0	60.0



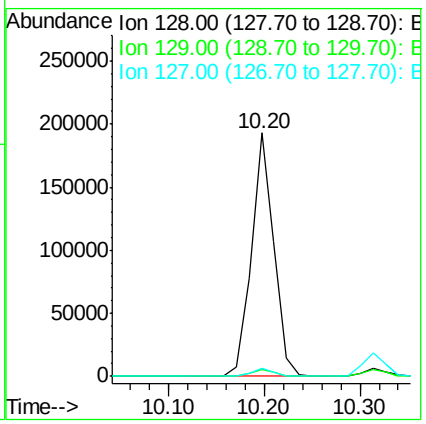


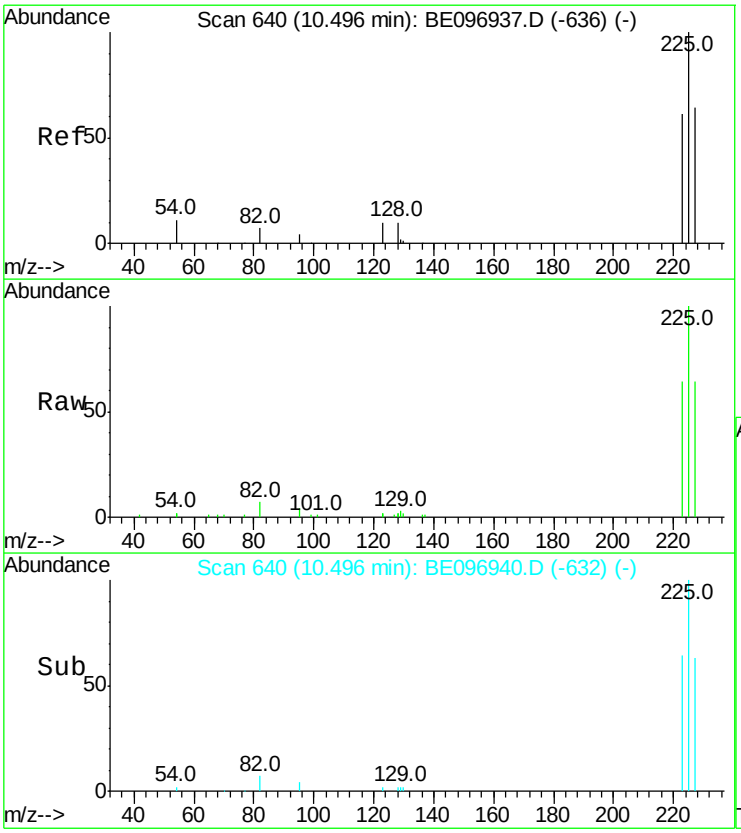
#9
Naphthalene
Concen: 3.300 ng
RT: 10.20 min Scan# 617
Delta R.T. -0.00 min
Lab File: BE096940.D
Acq: 16 Jul 2018 15:30

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:128 Resp: 311745

Ion	Ratio	Lower	Upper
128	100		
129	2.7	2.6	3.8
127	3.3	2.8	4.2

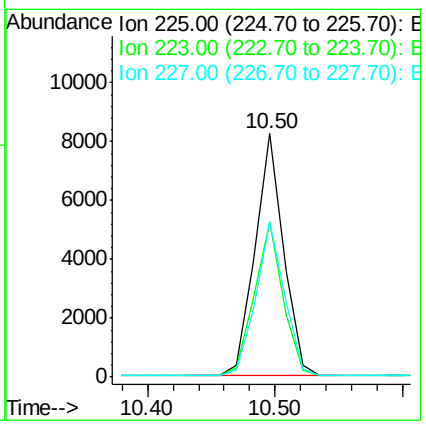


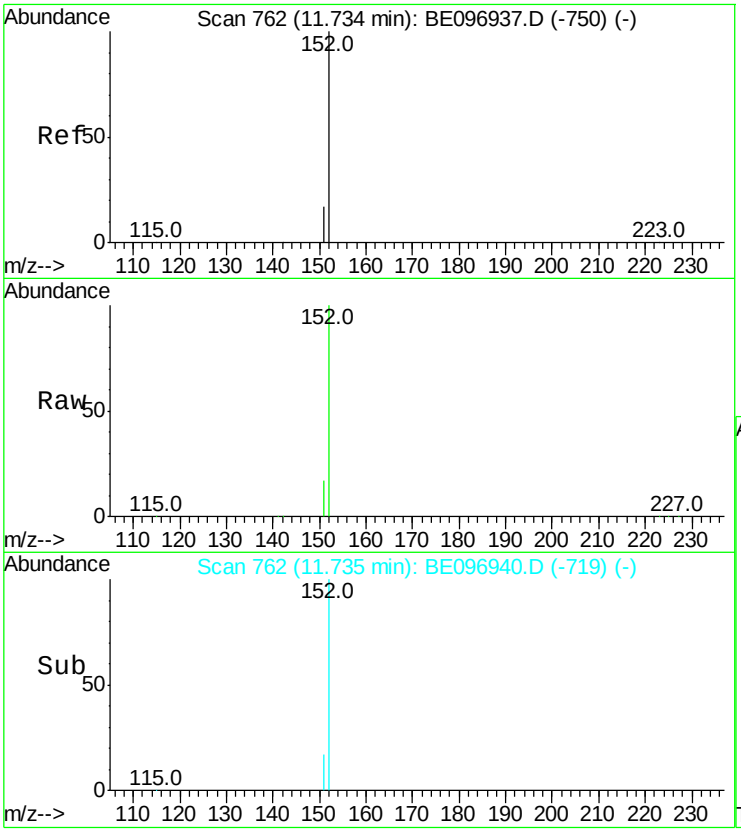


#10
Hexachlorobutadiene
Concen: 3.329 ng
RT: 10.50 min Scan# 640
Delta R.T. -0.00 min
Lab File: BE096940.D
Acq: 16 Jul 2018 15:30

Tgt Ion:225 Resp: 12715

Ion	Ratio	Lower	Upper
225	100		
223	63.5	53.0	79.6
227	63.6	51.4	77.2



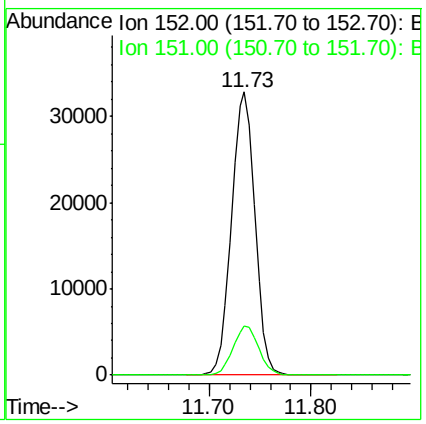


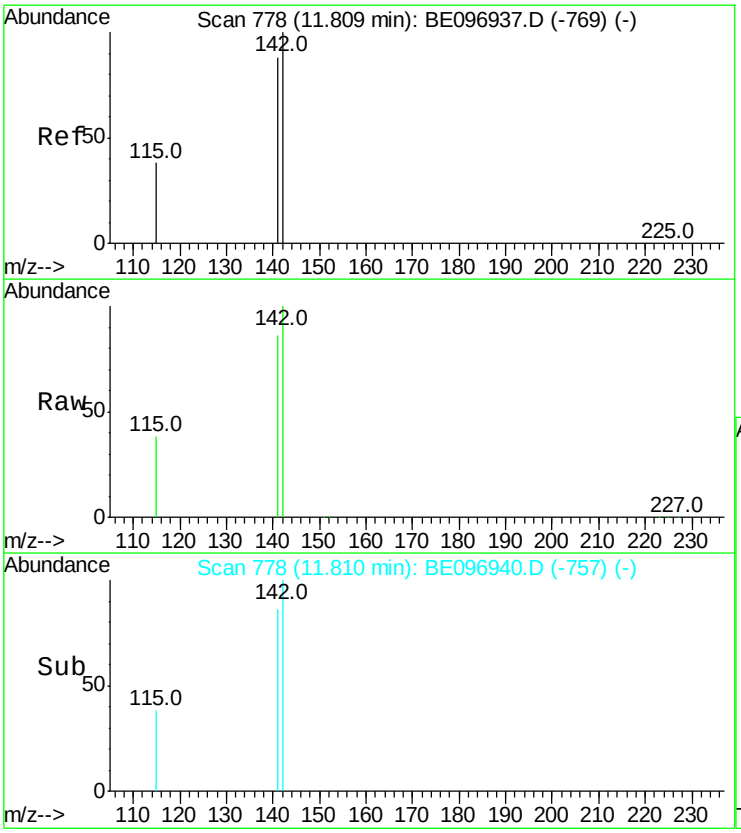
#11
2-Methylnaphthalene-d10
Concen: 3.403 ng
RT: 11.73 min Scan# 762
Delta R.T. 0.00 min
Lab File: BE096940.D
Acq: 16 Jul 2018 15:30

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 52342

Ion	Ratio	Lower	Upper
152	100		
151	19.0	15.4	23.0

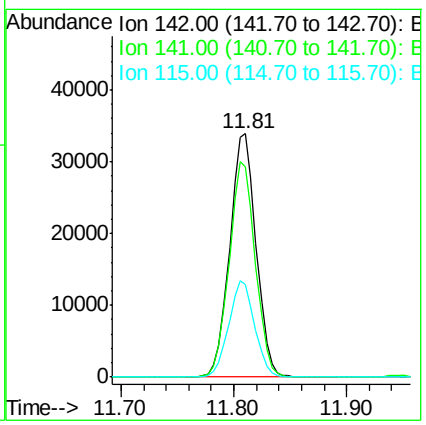


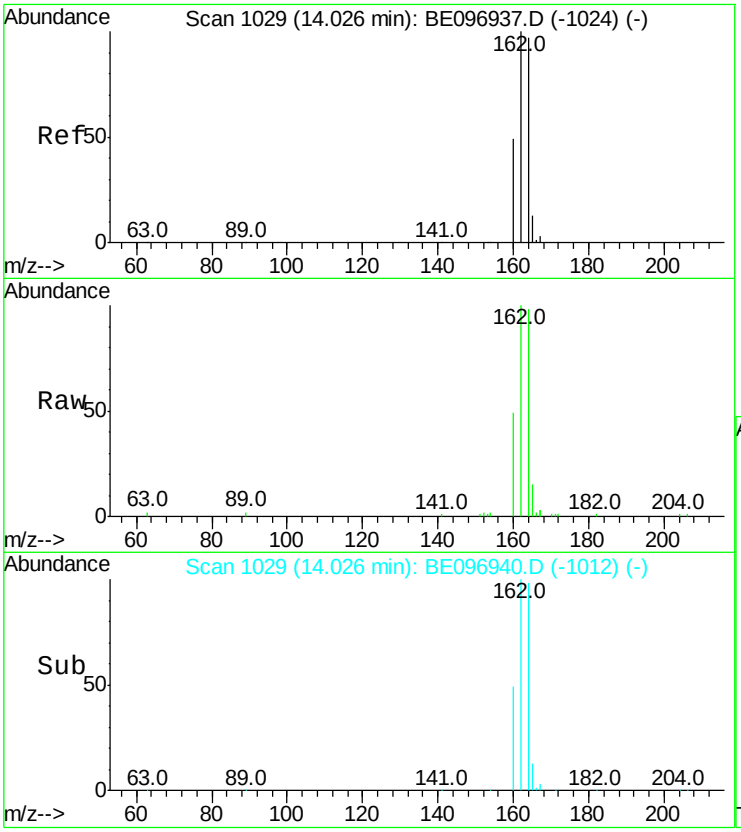


#12
2-Methylnaphthalene
Concen: 3.406 ng
RT: 11.81 min Scan# 778
Delta R.T. 0.00 min
Lab File: BE096940.D
Acq: 16 Jul 2018 15:30

Tgt Ion:142 Resp: 54567

Ion	Ratio	Lower	Upper
142	100		
141	86.5	70.4	105.6
115	37.9	31.7	47.5



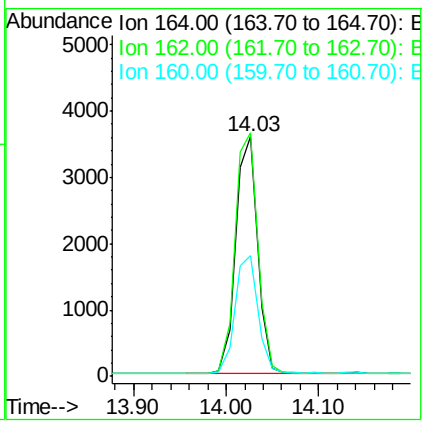


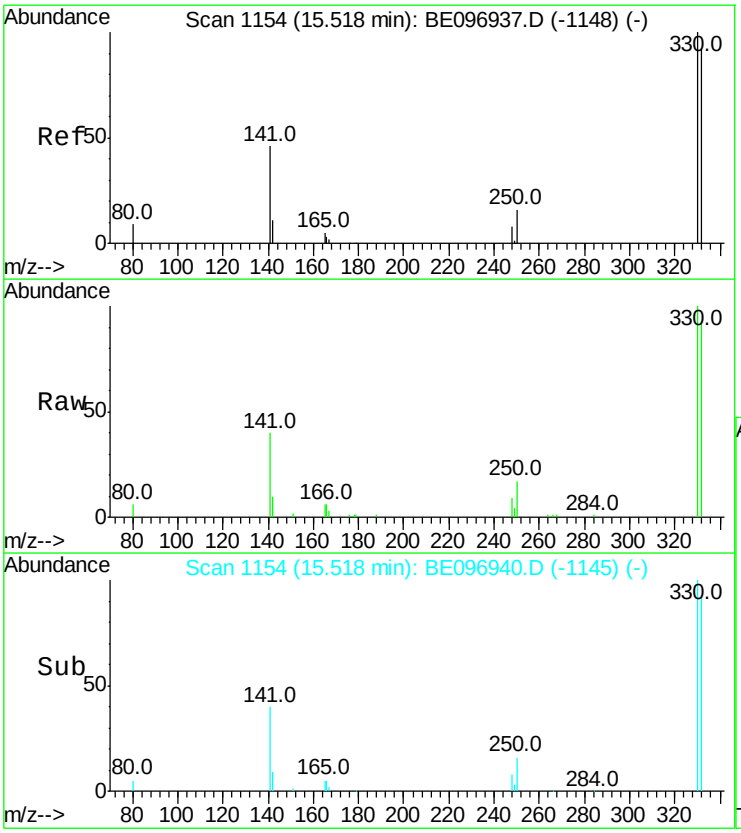
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.03 min Scan# 1029
Delta R.T. 0.00 min
Lab File: BE096940.D
Acq: 16 Jul 2018 15:30

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:164 Resp: 5816

Ion	Ratio	Lower	Upper
164	100		
162	101.6	83.1	124.7
160	50.3	37.1	55.7

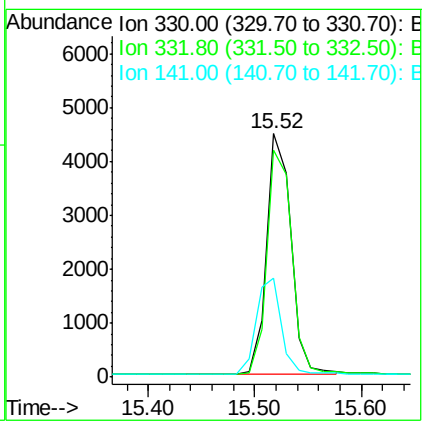


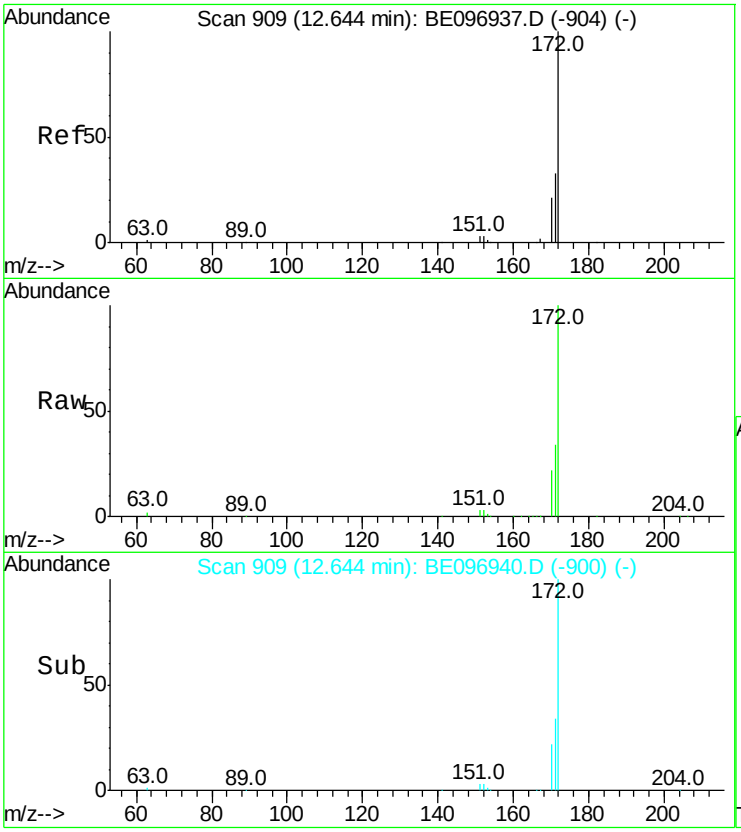


#14
2,4,6-Tribromophenol
Concen: 3.196 ng
RT: 15.52 min Scan# 1154
Delta R.T. 0.00 min
Lab File: BE096940.D
Acq: 16 Jul 2018 15:30

Tgt Ion:330 Resp: 7132

Ion	Ratio	Lower	Upper
330	100		
332	95.1	152.7	229.1#
141	41.4	33.7	50.5



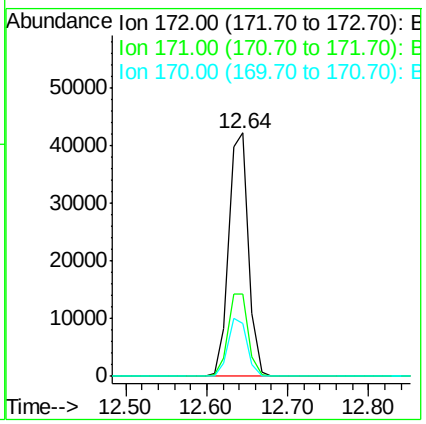


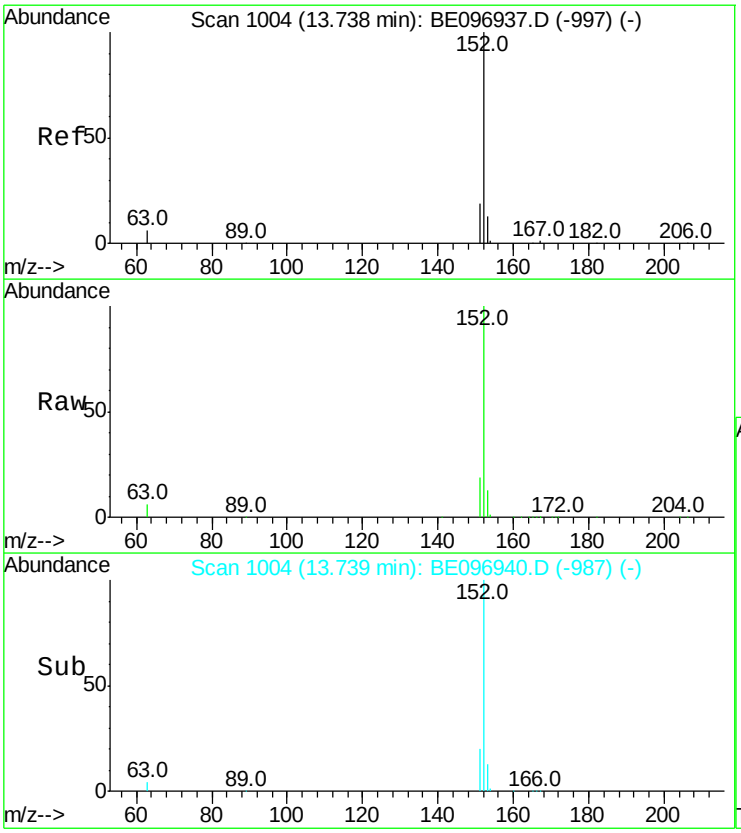
#15
2-Fluorobiphenyl
Concen: 3.266 ng
RT: 12.64 min Scan# 909
Delta R.T. 0.00 min
Lab File: BE096940.D
Acq: 16 Jul 2018 15:30

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:172 Resp: 70652

Ion	Ratio	Lower	Upper
172	100		
171	33.6	29.9	44.9
170	21.9	21.8	32.8

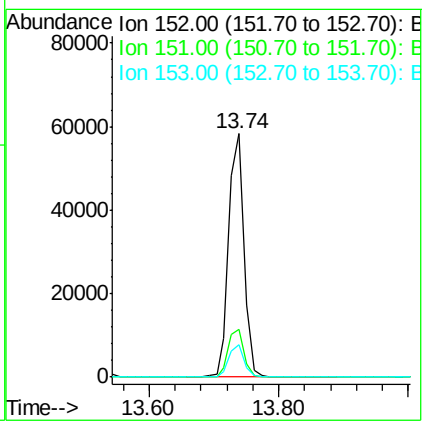


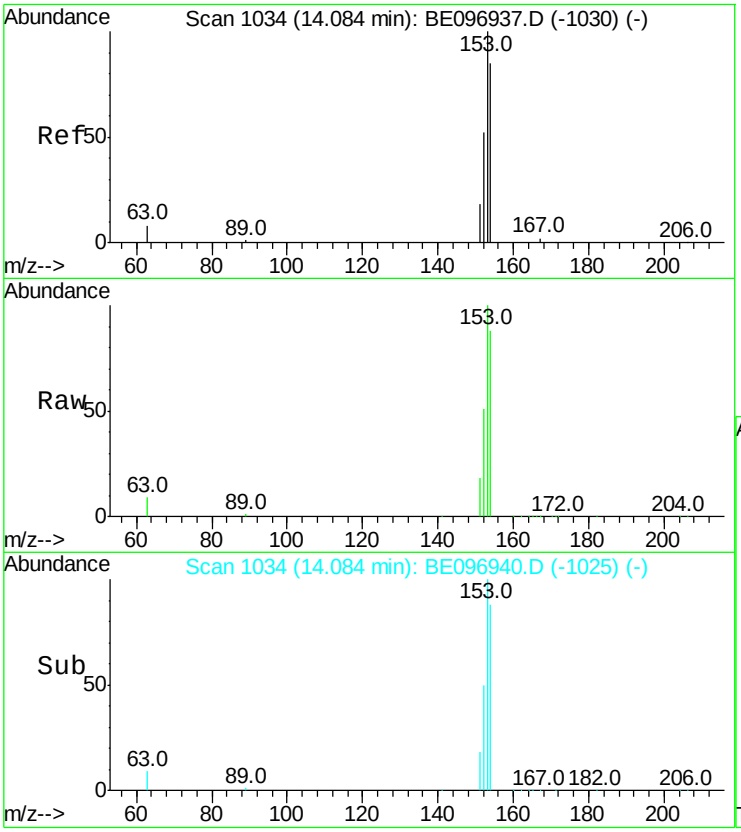


#16
Acenaphthylene
Concen: 3.547 ng
RT: 13.74 min Scan# 1004
Delta R.T. 0.00 min
Lab File: BE096940.D
Acq: 16 Jul 2018 15:30

Tgt Ion:152 Resp: 94221

Ion	Ratio	Lower	Upper
152	100		
151	19.9	15.7	23.5
153	13.0	10.5	15.7



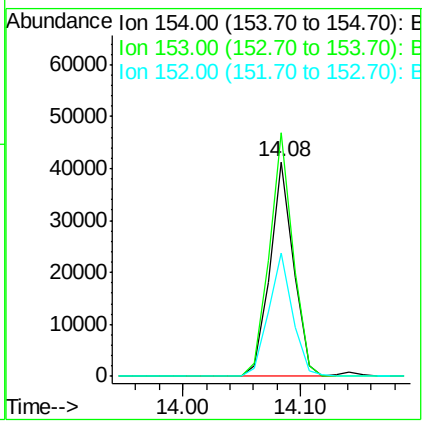


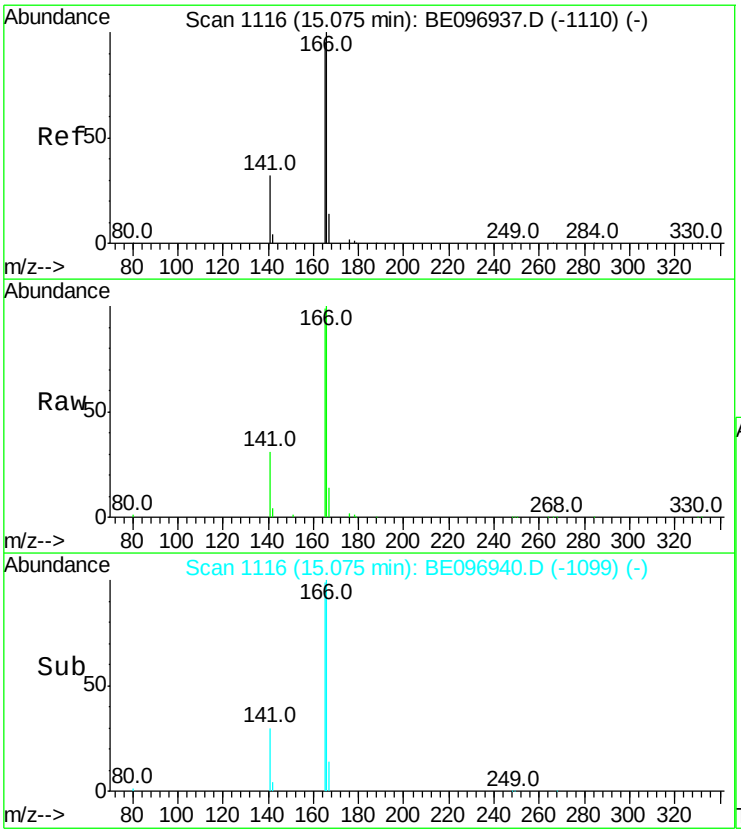
#17
Acenaphthene
Concen: 3.454 ng
RT: 14.08 min Scan# 1034
Delta R.T. 0.00 min
Lab File: BE096940.D
Acq: 16 Jul 2018 15:30

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:154 Resp: 57043

Ion	Ratio	Lower	Upper
154	100		
153	113.4	89.2	133.8
152	58.2	42.0	63.0

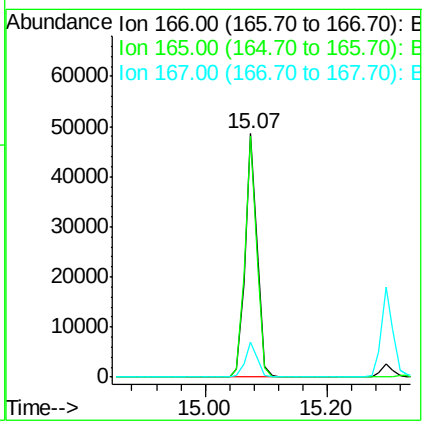


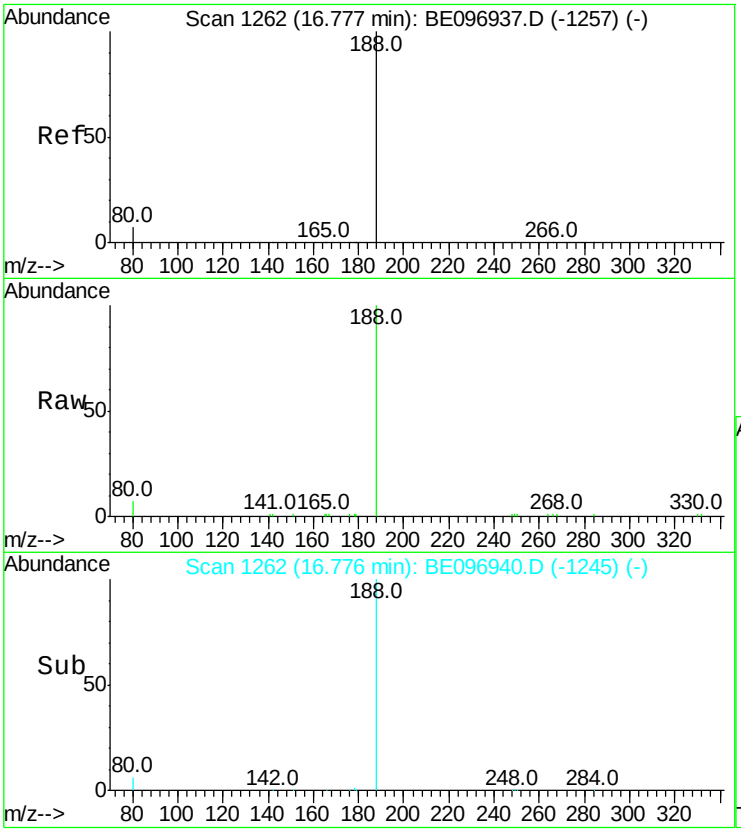


#18
Fluorene
Concen: 3.563 ng
RT: 15.07 min Scan# 1116
Delta R.T. -0.00 min
Lab File: BE096940.D
Acq: 16 Jul 2018 15:30

Tgt Ion:166 Resp: 66067

Ion	Ratio	Lower	Upper
166	100		
165	98.3	77.8	116.6
167	14.5	42.4	63.6#



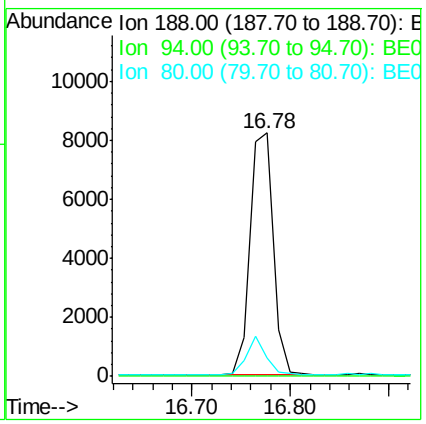


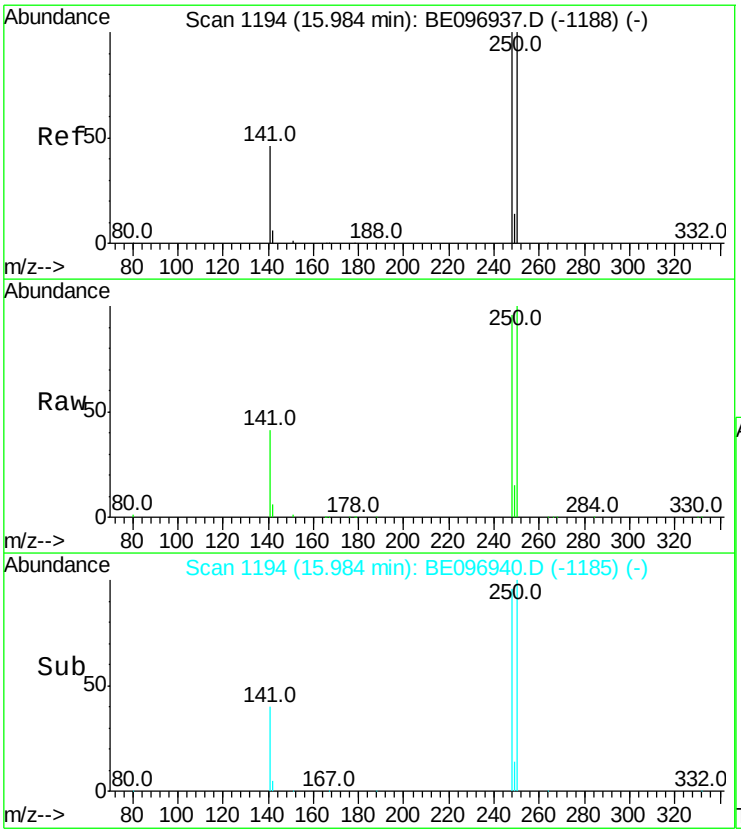
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.78 min Scan# 1262
Delta R.T. -0.00 min
Lab File: BE096940.D
Acq: 16 Jul 2018 15:30

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:188 Resp: 13371

Ion	Ratio	Lower	Upper
188	100		
94	0.0	3.9	5.9#
80	7.3	3.6	5.4#

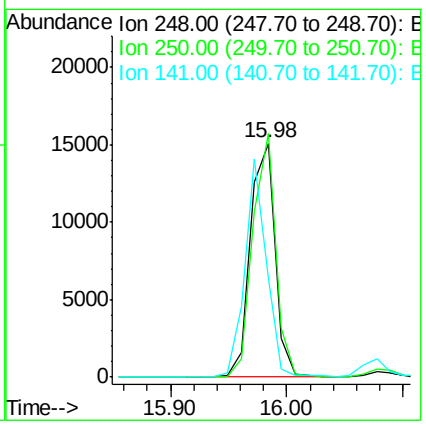


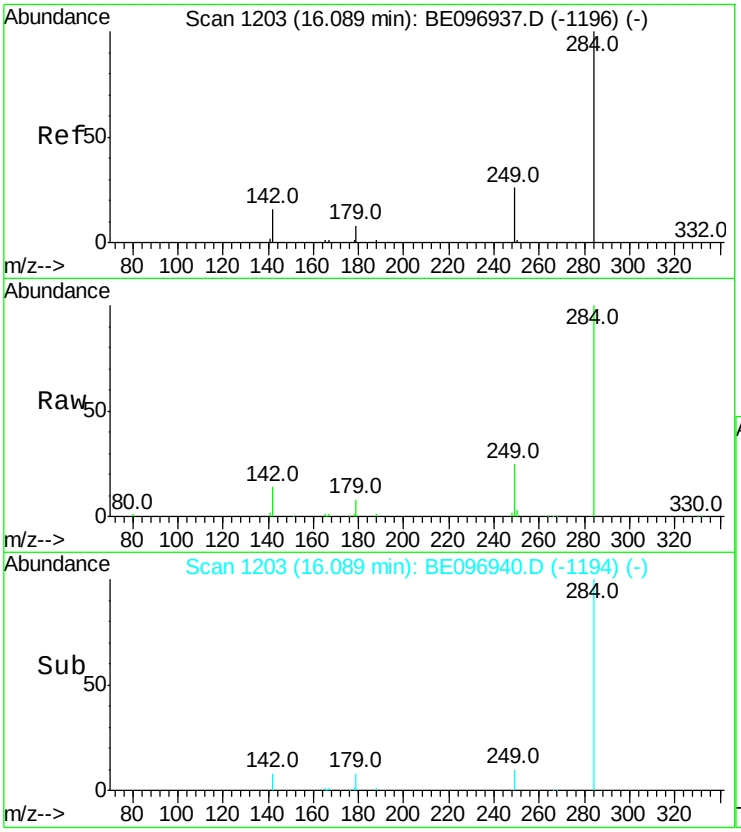


#20
4-Bromophenyl-phenylether
Concen: 3.512 ng
RT: 15.98 min Scan# 1194
Delta R.T. -0.00 min
Lab File: BE096940.D
Acq: 16 Jul 2018 15:30

Tgt Ion:248 Resp: 22205

Ion	Ratio	Lower	Upper
248	100		
250	104.3	62.7	94.1#
141	42.3	48.2	72.2#



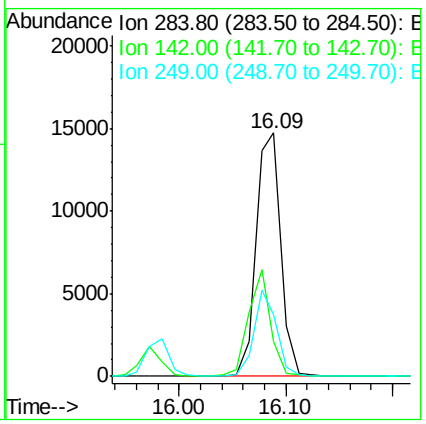


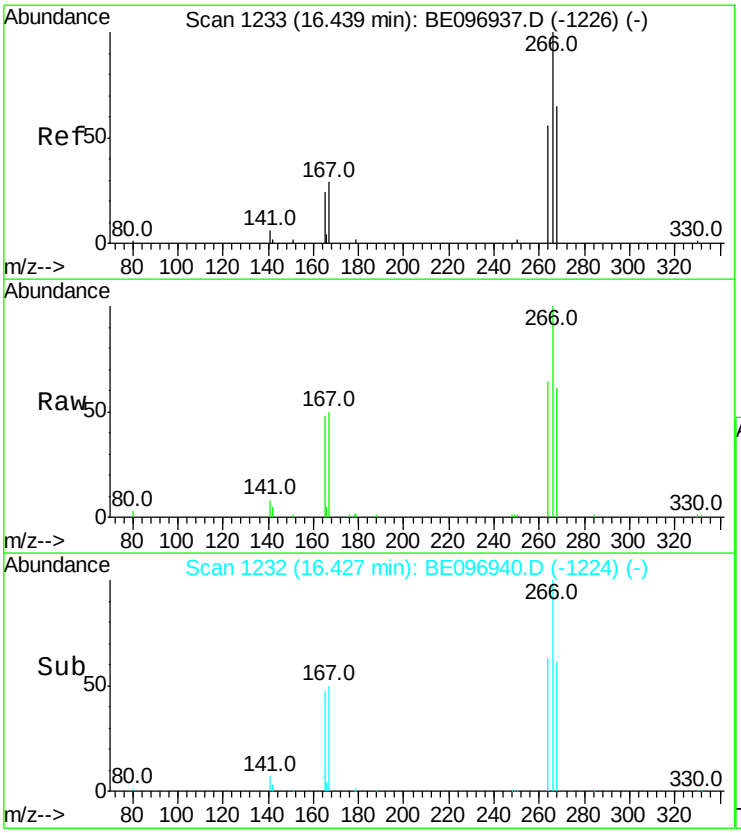
#21
Hexachlorobenzene
Concen: 3.344 ng
RT: 16.09 min Scan# 1203
Delta R.T. -0.00 min
Lab File: BE096940.D
Acq: 16 Jul 2018 15:30

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:284 Resp: 23487

Ion	Ratio	Lower	Upper
284	100		
142	38.3	22.1	33.1#
249	31.6	34.8	52.2#

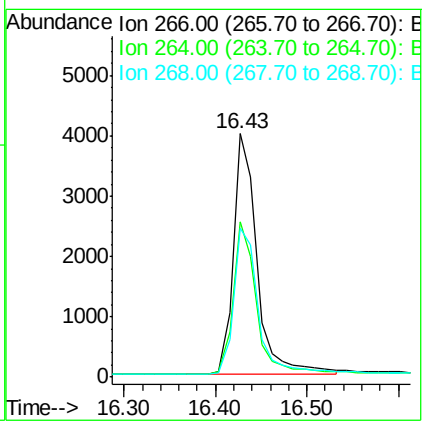


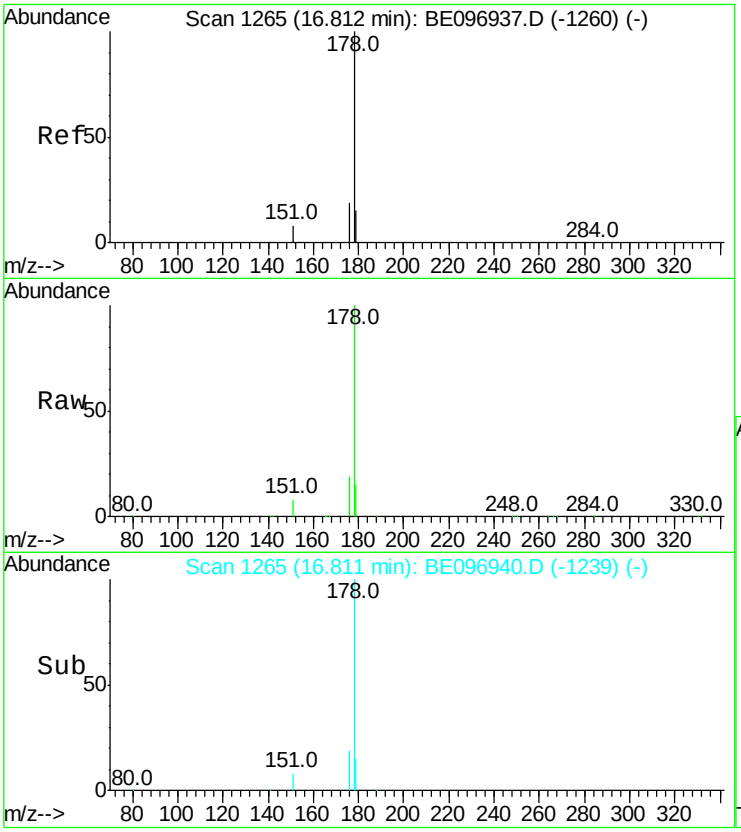


#22
Pentachlorophenol
Concen: 2.952 ng
RT: 16.43 min Scan# 1232
Delta R.T. -0.01 min
Lab File: BE096940.D
Acq: 16 Jul 2018 15:30

Tgt Ion:266 Resp: 7216

Ion	Ratio	Lower	Upper
266	100		
264	63.9	72.5	108.7#
268	61.1	73.8	110.6#



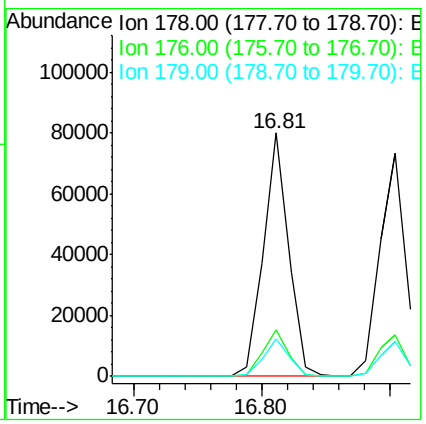


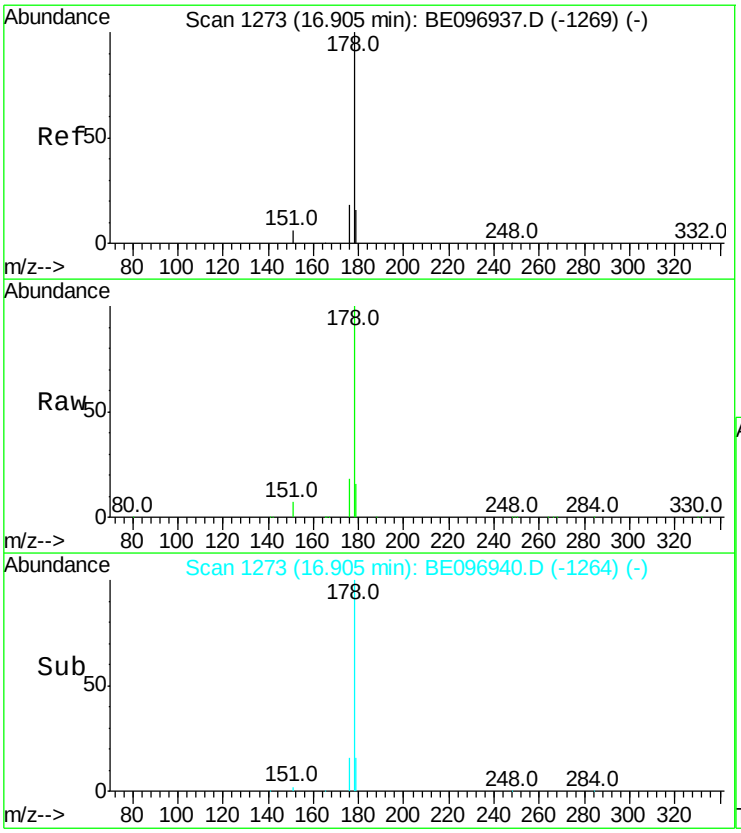
#23
Phenanthrene
Concen: 3.442 ng
RT: 16.81 min Scan# 1265
Delta R.T. -0.00 min
Lab File: BE096940.D
Acq: 16 Jul 2018 15:30

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:178 Resp: 110221

Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.1	22.7
179	15.3	11.8	17.6

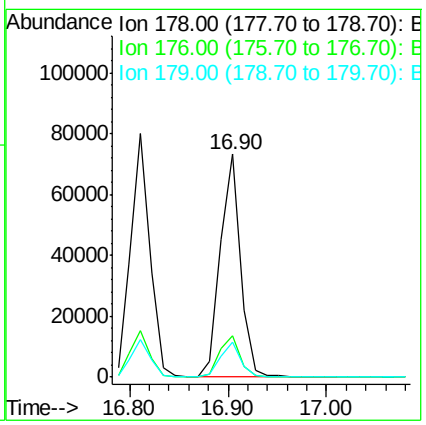


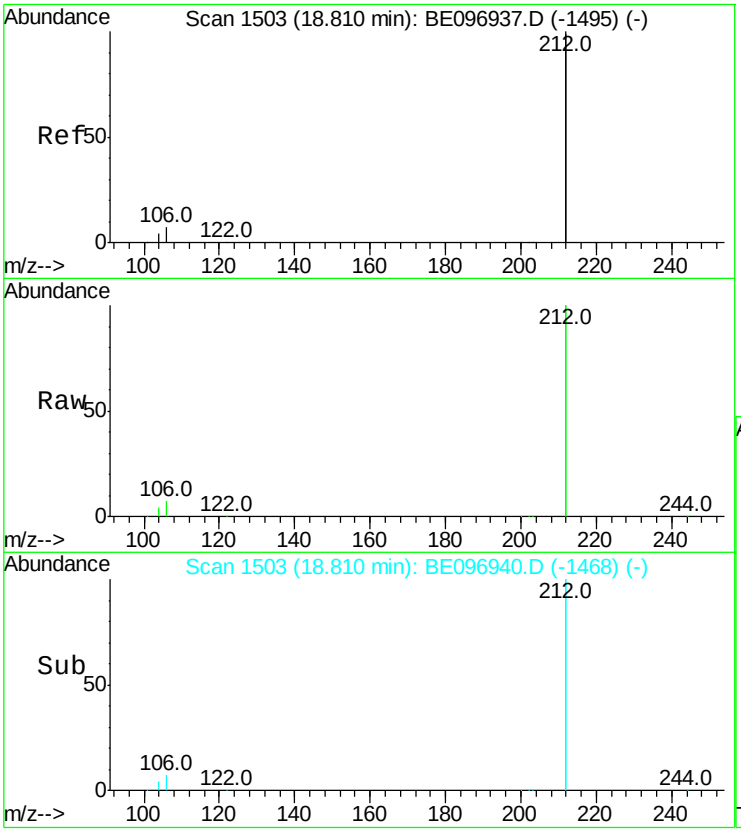


#24
Anthracene
Concen: 3.712 ng
RT: 16.90 min Scan# 1273
Delta R.T. -0.00 min
Lab File: BE096940.D
Acq: 16 Jul 2018 15:30

Tgt Ion:178 Resp: 103432

Ion	Ratio	Lower	Upper
178	100		
176	18.9	12.8	19.2
179	15.3	13.0	19.6



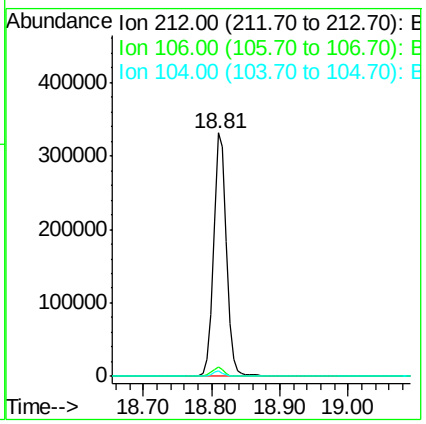


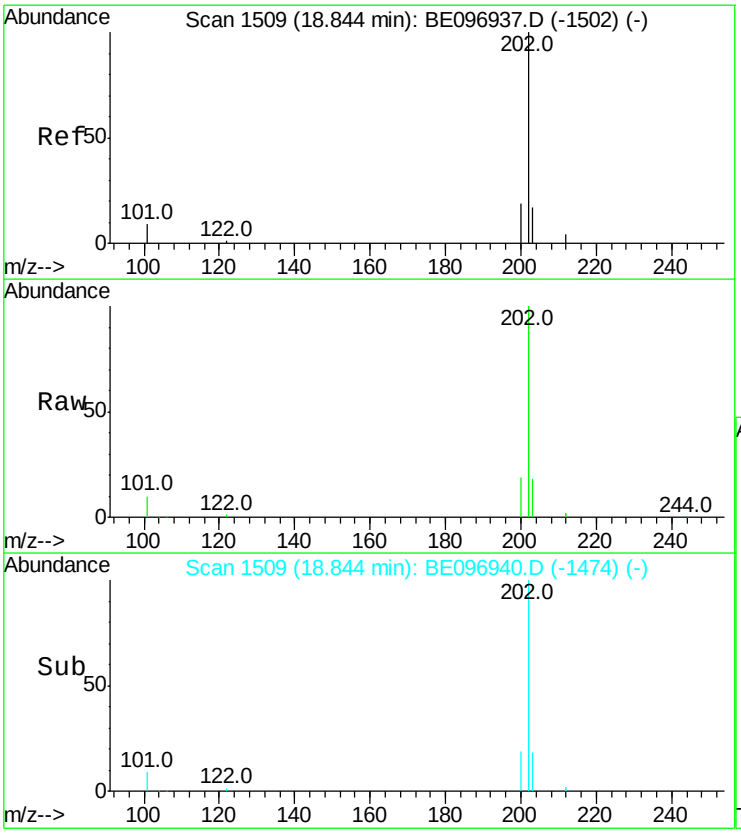
#25
Fluoranthene-d10
Concen: 3.772 ng
RT: 18.81 min Scan# 1503
Delta R.T. -0.00 min
Lab File: BE096940.D
Acq: 16 Jul 2018 15:30

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:212 Resp: 438824

Ion	Ratio	Lower	Upper
212	100		
106	3.5	2.8	4.2
104	1.9	1.6	2.4

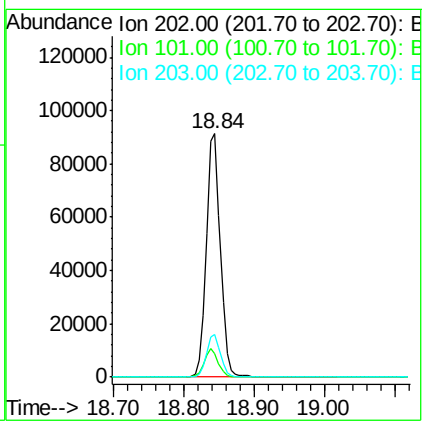


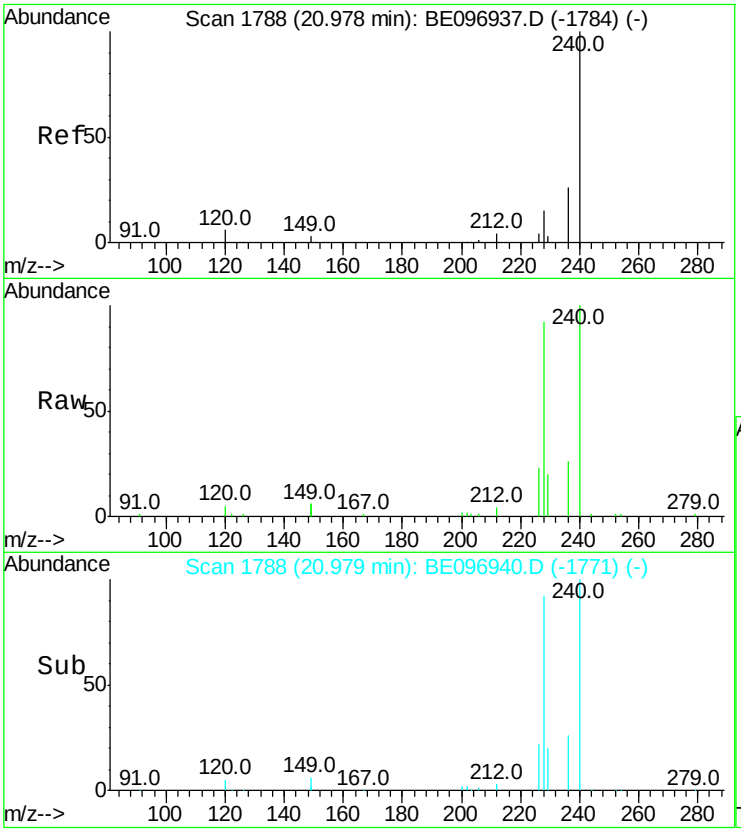


#26
Fluoranthene
Concen: 3.761 ng
RT: 18.84 min Scan# 1509
Delta R.T. -0.00 min
Lab File: BE096940.D
Acq: 16 Jul 2018 15:30

Tgt Ion:202 Resp: 127011

Ion	Ratio	Lower	Upper
202	100		
101	11.4	9.8	14.8
203	17.5	13.7	20.5



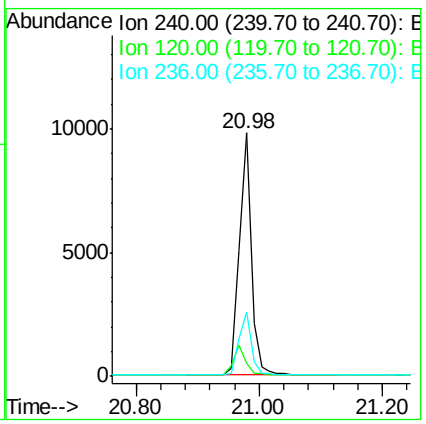


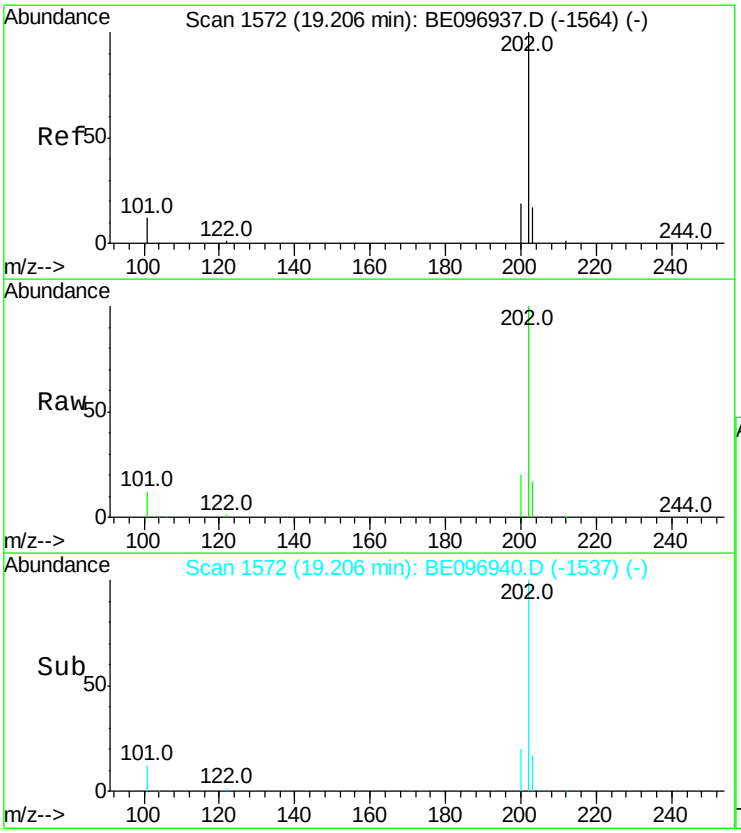
#27
Chrysene-d12
Concen: 0.400 ng
RT: 20.98 min Scan# 1788
Delta R.T. 0.00 min
Lab File: BE096940.D
Acq: 16 Jul 2018 15:30

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:240 Resp: 13144

Ion	Ratio	Lower	Upper
240	100		
120	5.4	5.5	8.3#
236	26.5	20.7	31.1

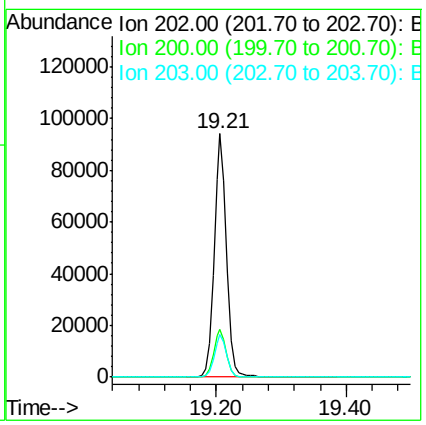


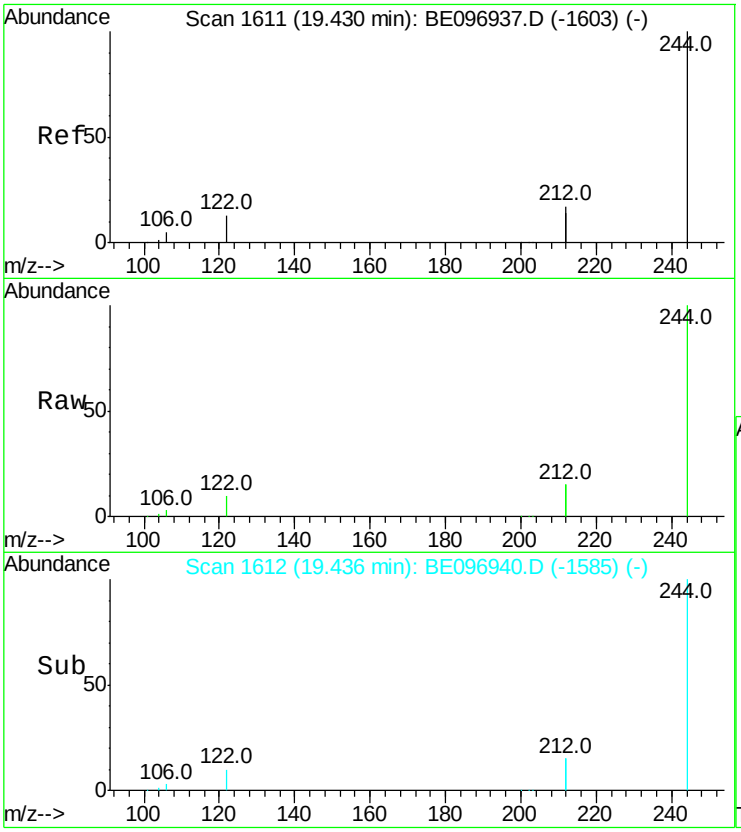


#28
Pyrene
Concen: 3.259 ng
RT: 19.21 min Scan# 1572
Delta R.T. -0.00 min
Lab File: BE096940.D
Acq: 16 Jul 2018 15:30

Tgt Ion:202 Resp: 126461

Ion	Ratio	Lower	Upper
202	100		
200	20.0	16.6	25.0
203	17.5	13.8	20.8



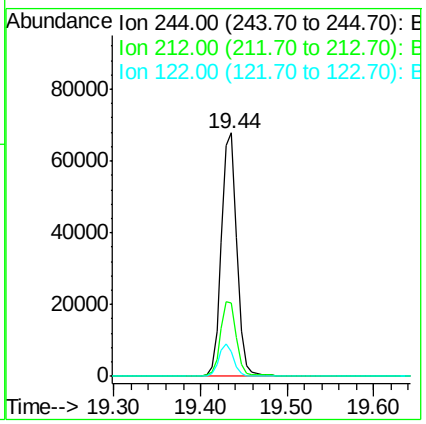


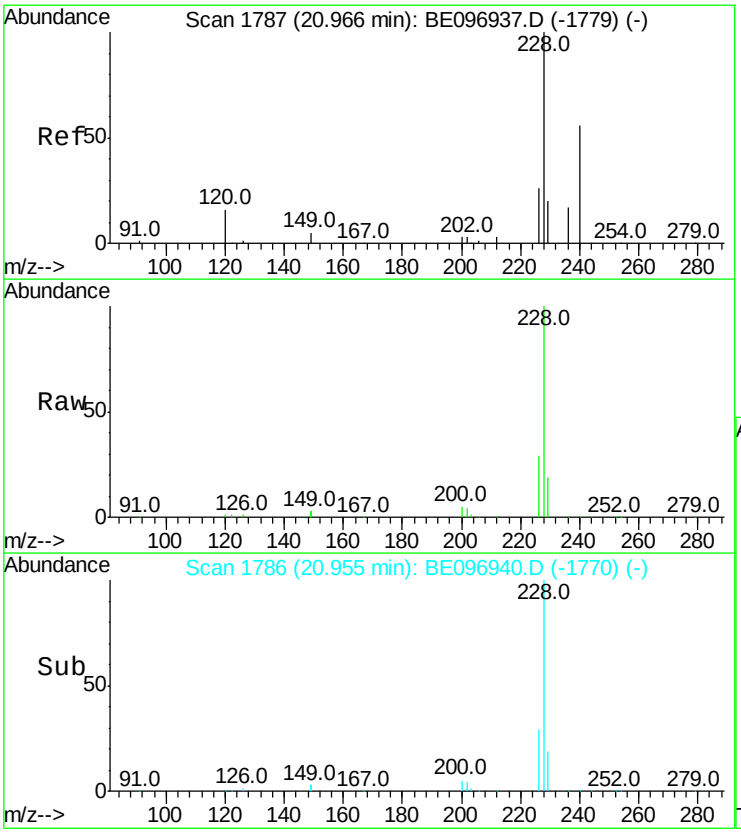
#29
Terphenyl-d14
Concen: 3.308 ng
RT: 19.44 min Scan# 1612
Delta R.T. 0.01 min
Lab File: BE096940.D
Acq: 16 Jul 2018 15:30

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:244 Resp: 83893

Ion	Ratio	Lower	Upper
244	100		
212	30.2	25.4	38.0
122	10.1	8.1	12.1

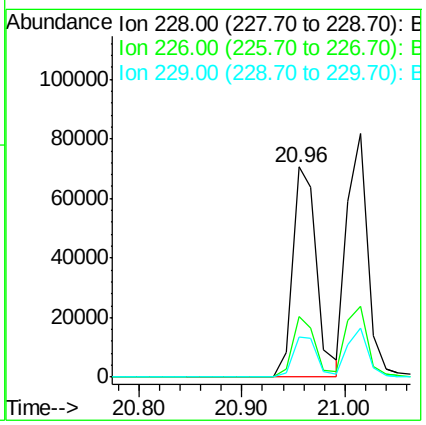


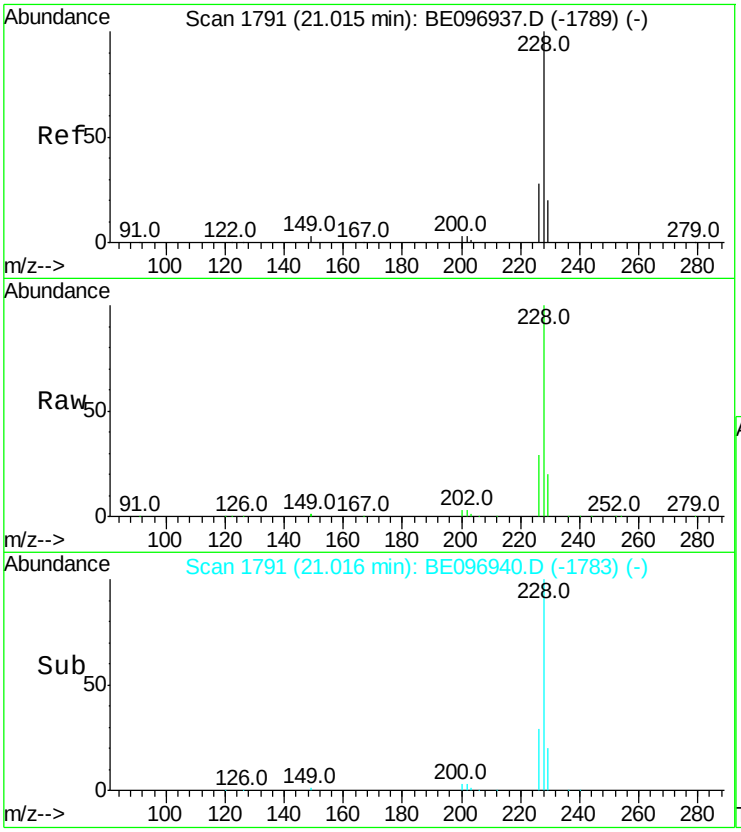


#30
Benzo(a)anthracene
Concen: 3.649 ng
RT: 20.96 min Scan# 1786
Delta R.T. -0.01 min
Lab File: BE096940.D
Acq: 16 Jul 2018 15:30

Tgt Ion:228 Resp: 114212

Ion	Ratio	Lower	Upper
228	100		
226	28.8	24.0	36.0
229	19.2	16.0	24.0



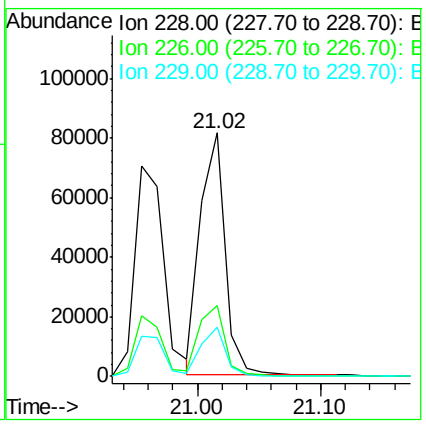


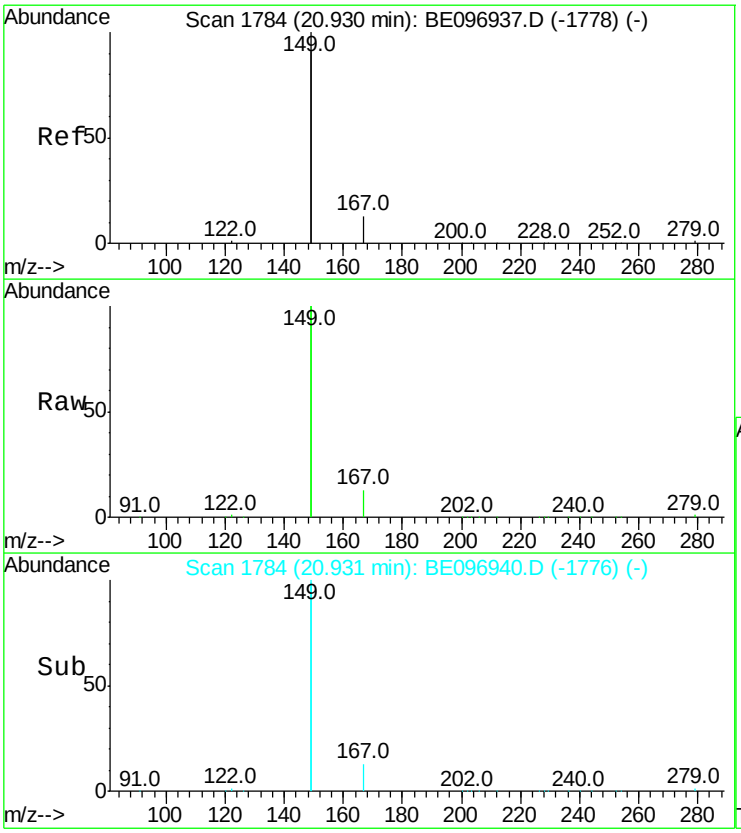
#31
Chrysene
Concen: 3.257 ng
RT: 21.02 min Scan# 1791
Delta R.T. 0.00 min
Lab File: BE096940.D
Acq: 16 Jul 2018 15:30

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:228 Resp: 114336

Ion	Ratio	Lower	Upper
228	100		
226	29.1	24.0	36.0
229	20.2	16.0	24.0

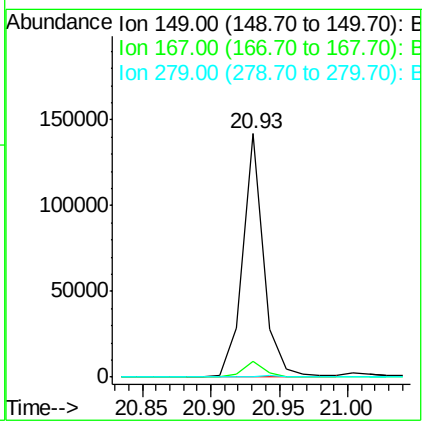


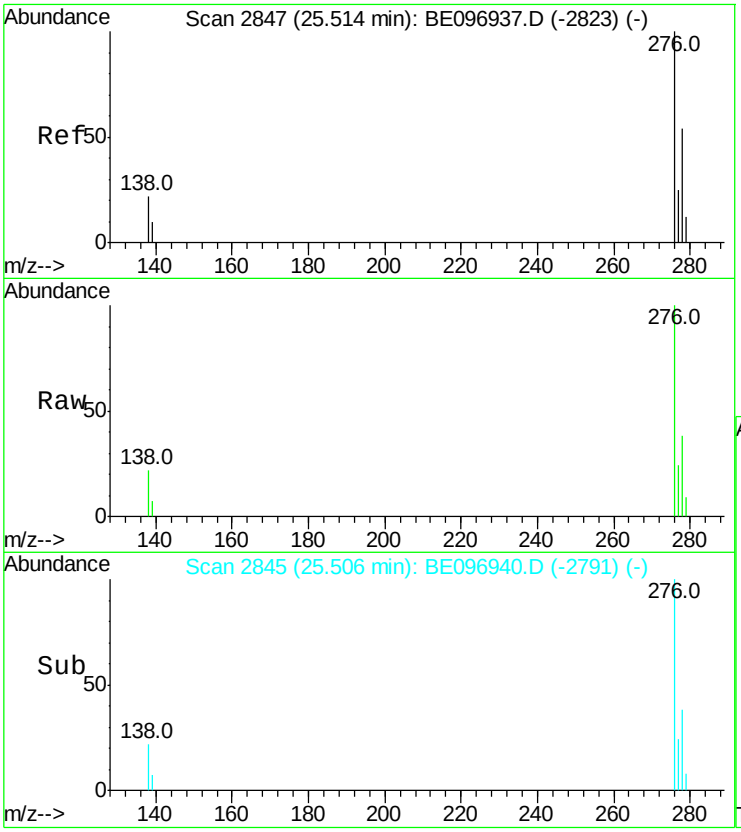


#32
Bis(2-ethylhexyl)phthalate
Concen: 4.766 ng
RT: 20.93 min Scan# 1784
Delta R.T. 0.00 min
Lab File: BE096940.D
Acq: 16 Jul 2018 15:30

Tgt Ion:149 Resp: 148916

Ion	Ratio	Lower	Upper
149	100		
167	6.5	5.4	8.0
279	0.8	0.7	1.1



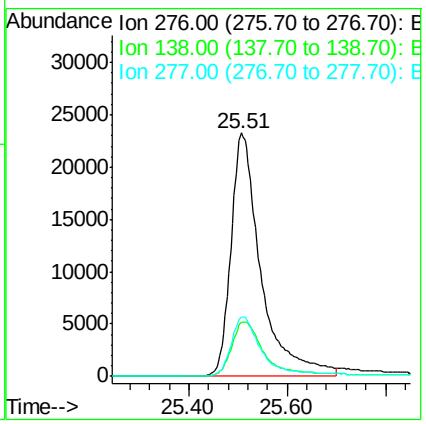


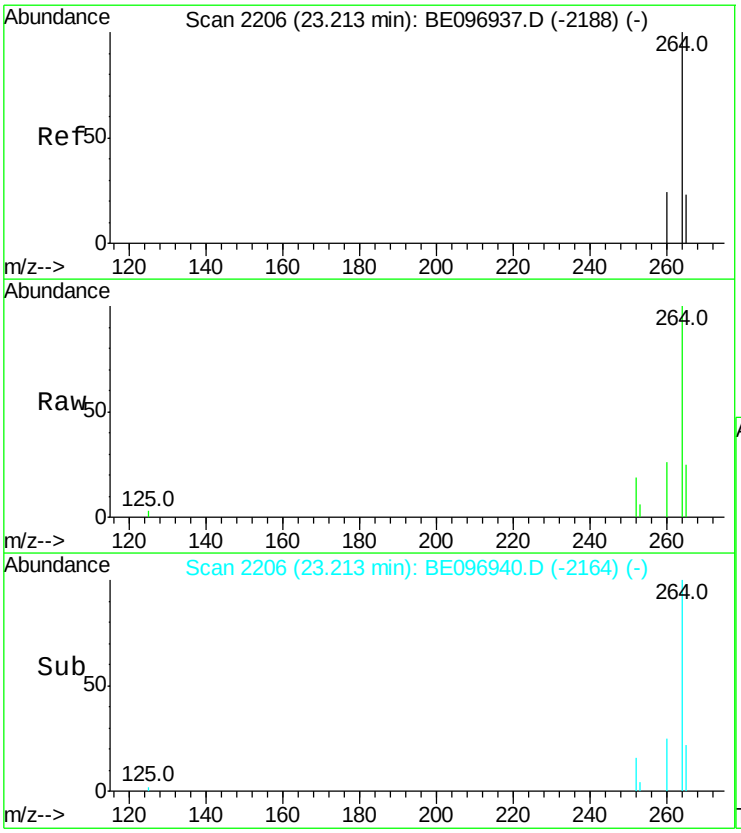
#33
Indeno(1,2,3-cd)pyrene
Concen: 3.821 ng
RT: 25.51 min Scan# 2845
Delta R.T. -0.01 min
Lab File: BE096940.D
Acq: 16 Jul 2018 15:30

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 97718

Ion	Ratio	Lower	Upper
276	100		
138	24.2	22.5	33.7
277	24.8	19.9	29.9

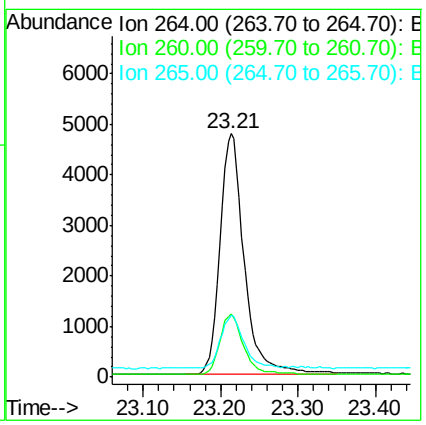


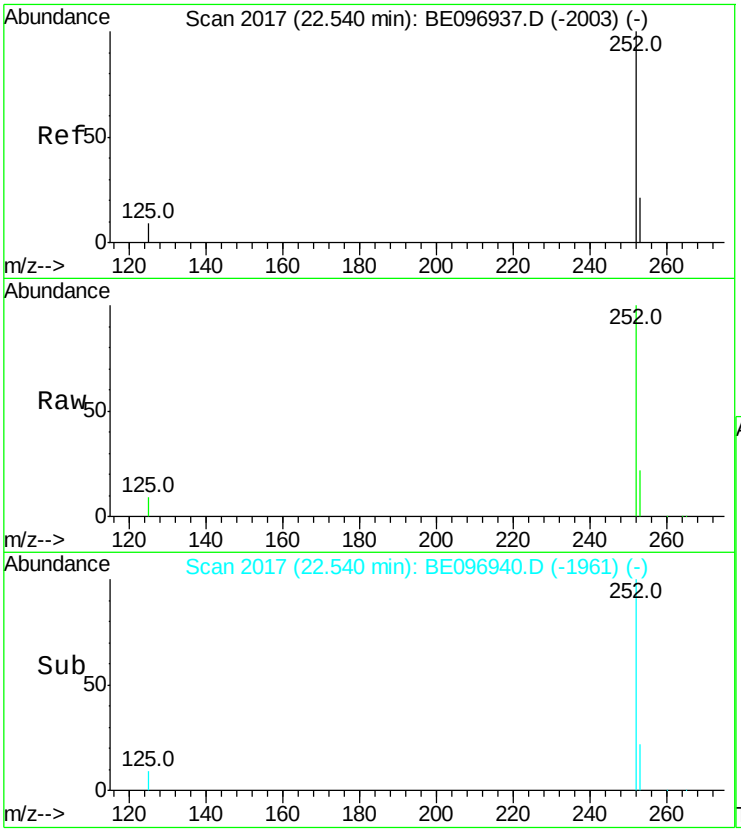


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.21 min Scan# 2206
Delta R.T. -0.00 min
Lab File: BE096940.D
Acq: 16 Jul 2018 15:30

Tgt Ion:264 Resp: 10409

Ion	Ratio	Lower	Upper
264	100		
260	26.0	20.5	30.7
265	25.2	22.8	34.2



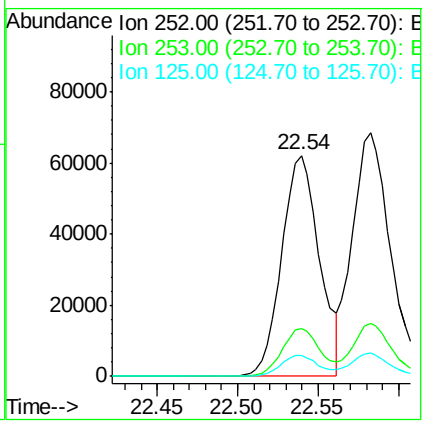


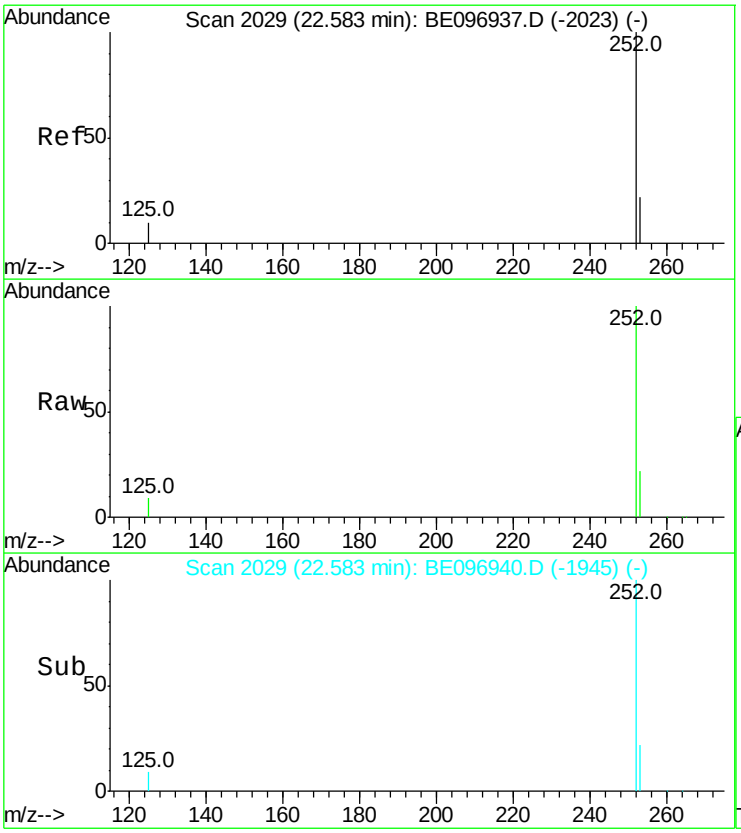
#35
Benzo(b)fluoranthene
Concen: 3.795 ng
RT: 22.54 min Scan# 2017
Delta R.T. -0.00 min
Lab File: BE096940.D
Acq: 16 Jul 2018 15:30

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 100820

Ion	Ratio	Lower	Upper
252	100		
253	21.9	20.0	30.0
125	9.5	16.0	24.0#

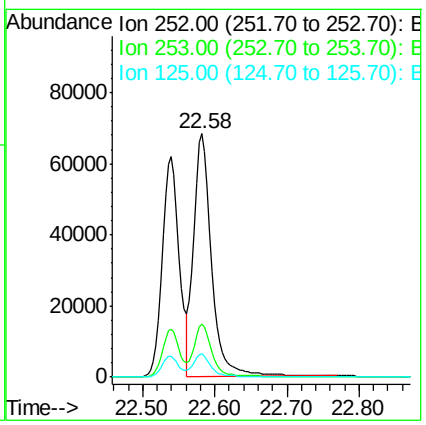


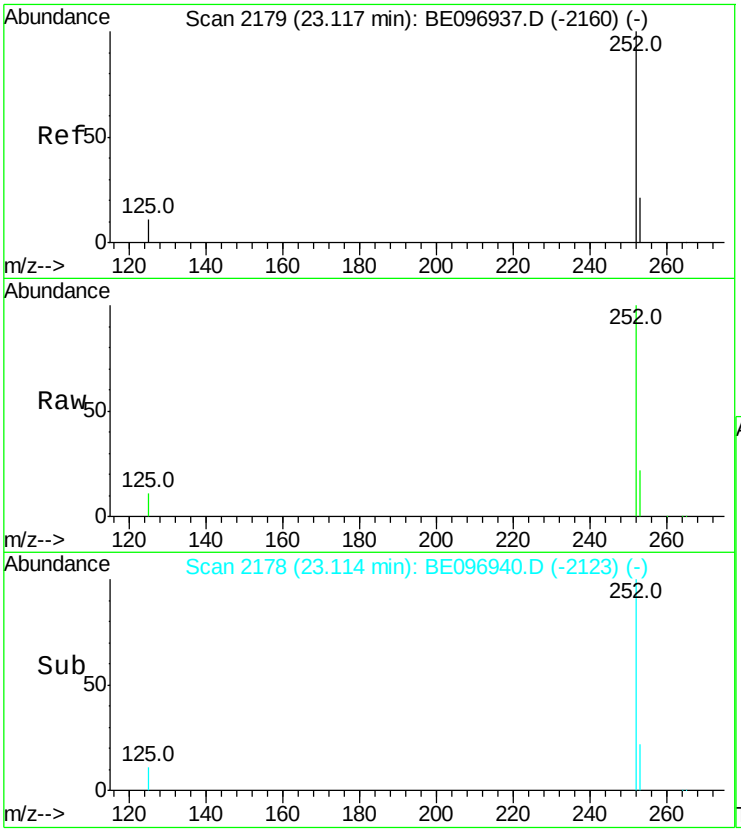


#36
Benzo(k)fluoranthene
Concen: 3.758 ng
RT: 22.58 min Scan# 2029
Delta R.T. -0.00 min
Lab File: BE096940.D
Acq: 16 Jul 2018 15:30

Tgt Ion:252 Resp: 118733

Ion	Ratio	Lower	Upper
252	100		
253	22.0	16.0	24.0
125	9.4	8.0	12.0



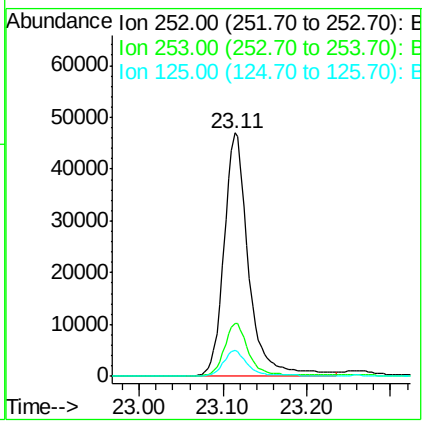


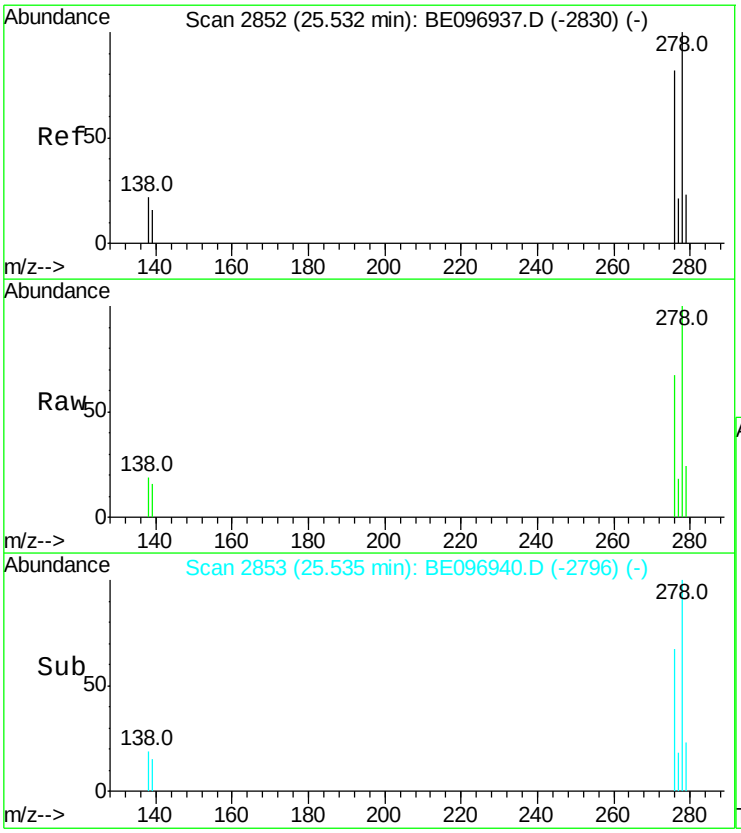
#37
Benzo(a)pyrene
Concen: 3.237 ng
RT: 23.11 min Scan# 2178
Delta R.T. -0.00 min
Lab File: BE096940.D
Acq: 16 Jul 2018 15:30

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 94842

Ion	Ratio	Lower	Upper
252	100		
253	21.8	16.0	24.0
125	10.7	12.0	18.0#

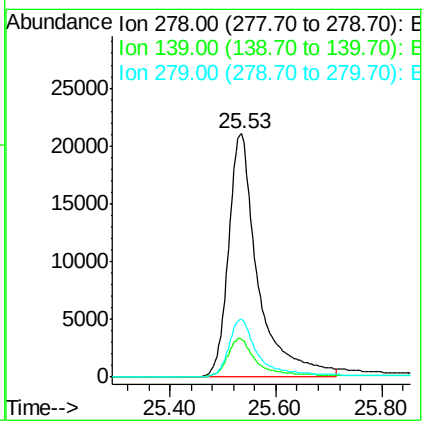


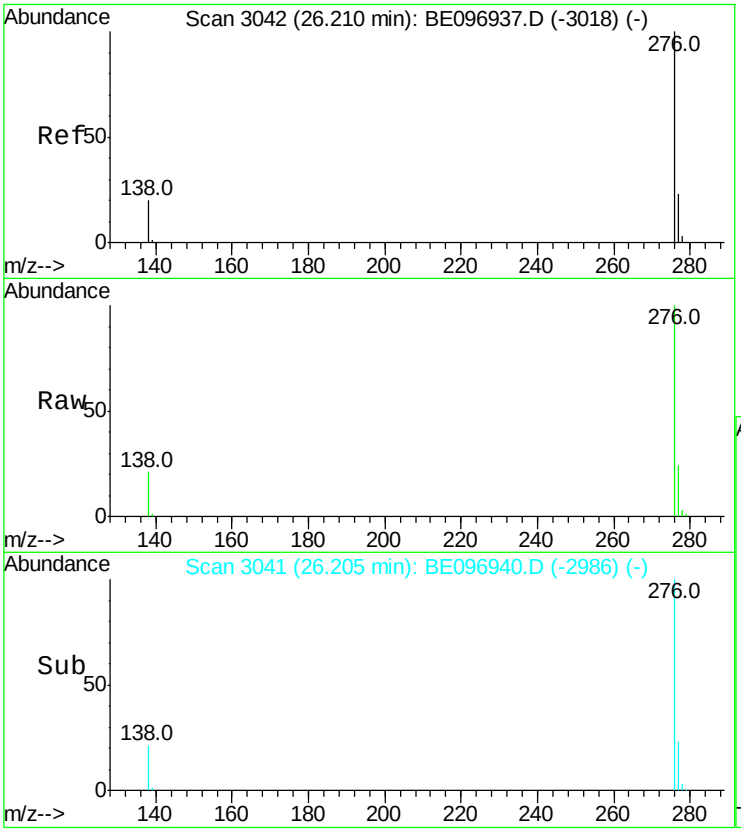


#38
Dibenzo(a,h)anthracene
Concen: 3.243 ng
RT: 25.53 min Scan# 2853
Delta R.T. 0.00 min
Lab File: BE096940.D
Acq: 16 Jul 2018 15:30

Tgt Ion:278 Resp: 81163

Ion	Ratio	Lower	Upper
278	100		
139	15.6	16.0	24.0#
279	23.7	20.0	30.0





#39
Benzo(g,h,i)perylene
Concen: 3.843 ng
RT: 26.21 min Scan# 3041
Delta R.T. -0.00 min
Lab File: BE096940.D
Acq: 16 Jul 2018 15:30

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 83009

Ion	Ratio	Lower	Upper
276	100		
277	23.7	16.0	24.0
138	20.8	20.0	30.0