Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE062018\
Data File : BE096828.D
Acq On : 20 Jun 2018 10:23
Operator : SJ/JU
Sample : SSTDICC0.2
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId :

Quant Time: Jun 20 11:46:56 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE062018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 20 11:46:39 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.40	152	2525	0.40	ng		0.00
7) Naphthalene-d8	10.16	136	12419	0.40	ng		0.00
13) Acenaphthene-d10	14.03	164	6844	0.40	ng		0.00
19) Phenanthrene-d10	16.78	188	18664	0.40	ng		0.00
27) Chrysene-d12	20.98	240	14179	0.40	ng		0.00
34) Perylene-d12	23.22	264	11488	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.05	112	1075	0.19	ng		0.00
5) Phenol-d6	6.59	99	1593	0.19	ng		0.00
8) Nitrobenzene-d5	8.53	82	1481	0.21	ng		0.00
11) 2-Methylnaphthalene-d10	11.74	152	3605	0.18	ng		0.00
14) 2,4,6-Tribromophenol	15.53	330	269	0.19	ng		0.01
15) 2-Fluorobiphenyl	12.64	172	5205	0.18	ng		0.00
25) Fluoranthene-d10	18.81	212	30029	0.16	ng		0.00
29) Terphenyl-d14	19.43	244	5701	0.18	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.10	88	757	0.185	ng	#	88
3) n-Nitrosodimethylamine	3.38	42	780	0.181	ng	#	85
6) bis(2-Chloroethyl)ether	6.85	93	1906	0.195	ng		93
9) Naphthalene	10.20	128	23216	0.190	ng		99
10) Hexachlorobutadiene	10.50	225	1041	0.205	ng		91
12) 2-Methylnaphthalene	11.81	142	3769	0.184	ng		99
16) Acenaphthylene	13.74	152	5769	0.179	ng		99
17) Acenaphthene	14.08	154	4002	0.184	ng		94
18) Fluorene	15.08	166	4589	0.179	ng	#	80
20) 4-Bromophenyl-phenylether	15.99	248	1648	0.181	ng	#	83
21) Hexachlorobenzene	16.09	284	1965	0.184	ng	#	80
22) Pentachlorophenol	16.44	266	265	0.160	ng	#	84
23) Phenanthrene	16.81	178	9030	0.178	ng		98
24) Anthracene	16.91	178	7012	0.168	ng		96
26) Fluoranthene	18.84	202	8755	0.163	ng		99
28) Pyrene	19.20	202	8556	0.184	ng		98
30) Benzo(a)anthracene	20.97	228	5845	0.170	ng		96
31) Chrysene	21.01	228	8054	0.186	ng		99
32) Bis(2-ethylhexyl)phthalate	20.93	149	6022	0.233	ng		98
33) Indeno(1,2,3-cd)pyrene	25.51	276	5419	0.167	ng		96
35) Benzo(b)fluoranthene	22.54	252	5922	0.188	ng	#	91
36) Benzo(k)fluoranthene	22.59	252	6362	0.169	ng	#	91
37) Benzo(a)pyrene	23.11	252	4718	0.172	ng		95
38) Dibenzo(a,h)anthracene	25.54	278	4496	0.171	ng		97
39) Benzo(g,h,i)perylene	26.21	276	5330	0.183	ng	#	94

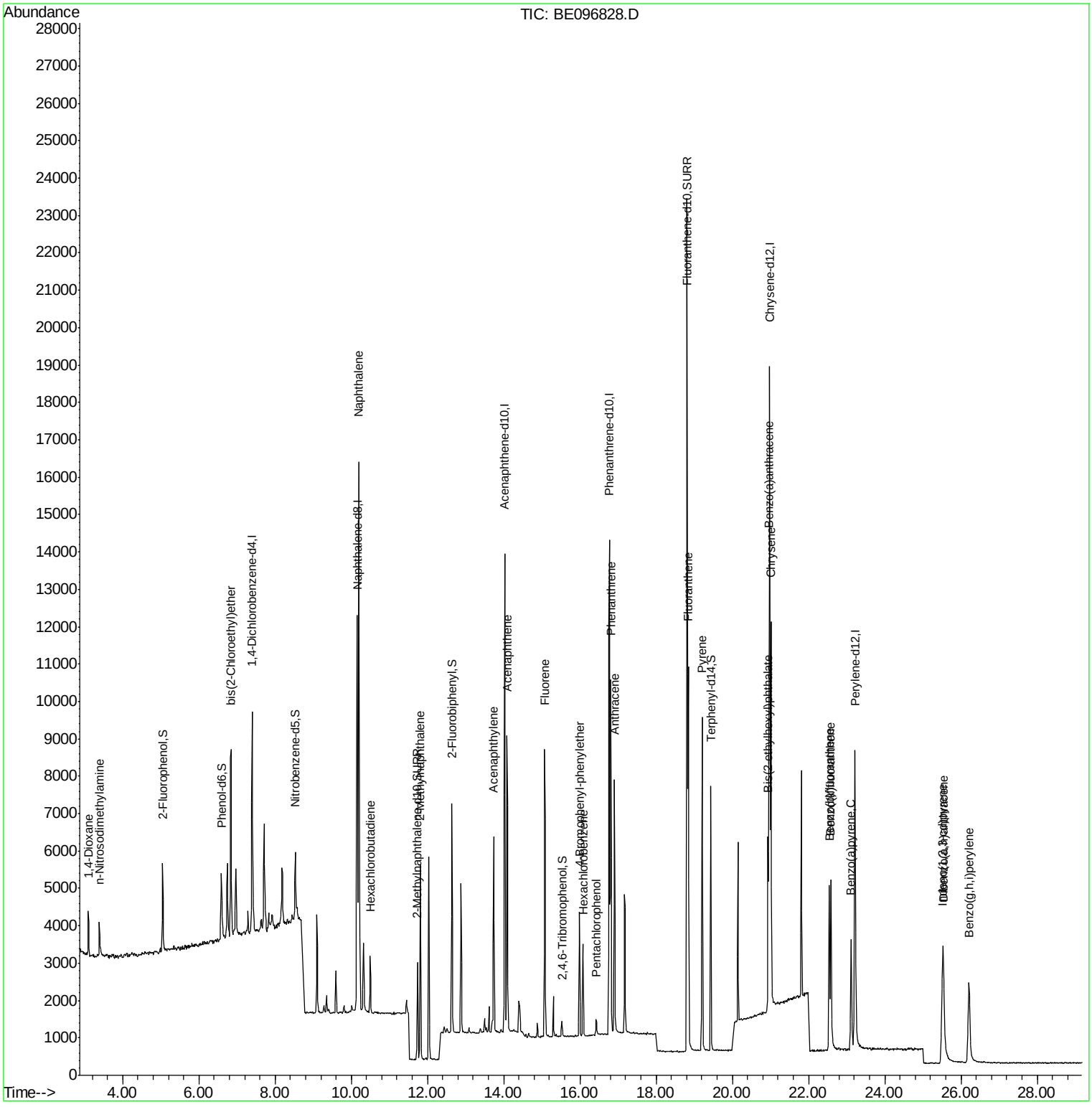
(#) = qualifier out of range (m) = manual integration (+) = signals summed

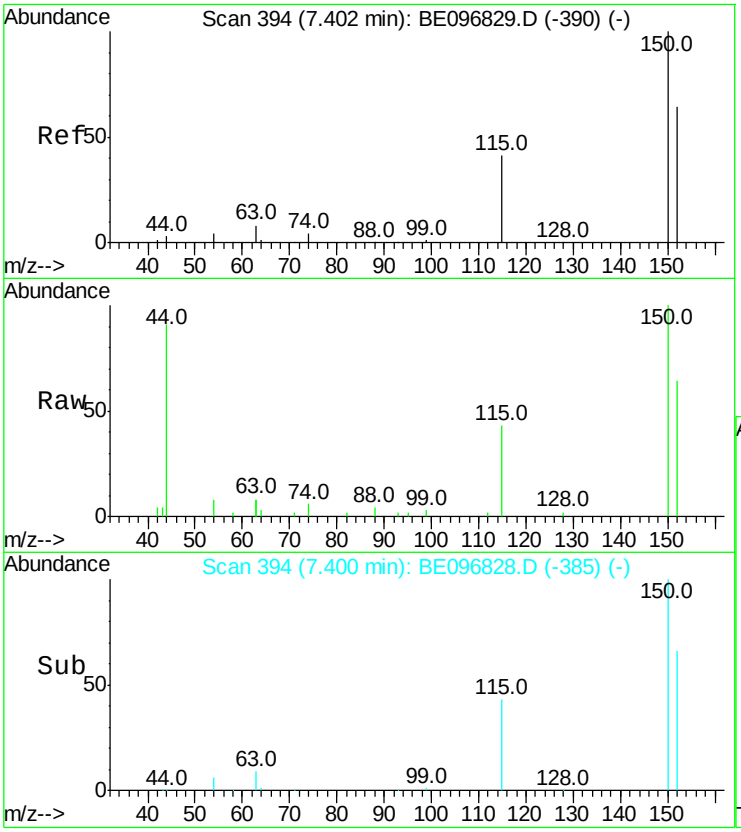
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE062018\
Data File : BE096828.D
Acq On : 20 Jun 2018 10:23
Operator : SJ/JU
Sample : SSTDICC0.2
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :

Quant Time: Jun 20 11:46:56 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE062018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 20 11:46:39 2018
Response via : Initial Calibration



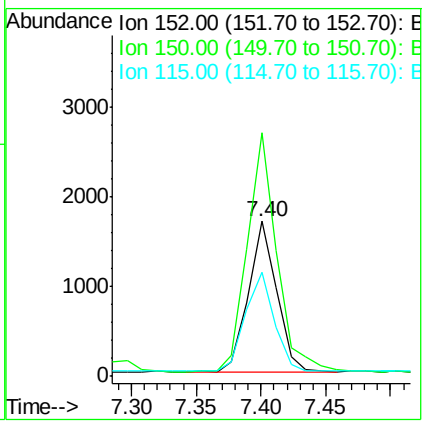


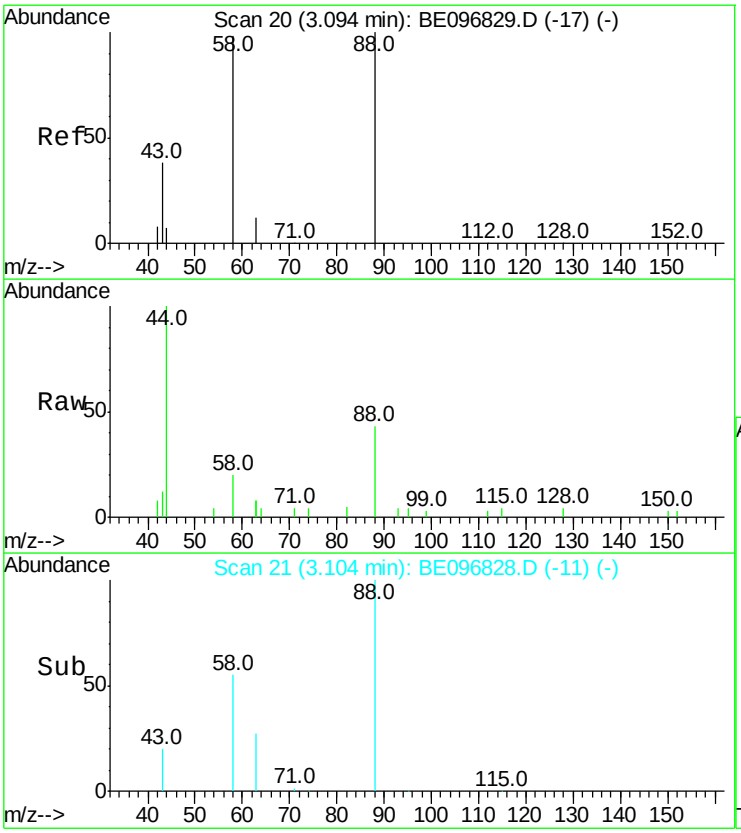
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.40 min Scan# 394
Delta R.T. -0.00 min
Lab File: BE096828.D
Acq: 20 Jun 2018 10:23

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 2525

Ion	Ratio	Lower	Upper
152	100		
150	157.3	117.2	175.8
115	67.3	57.0	85.6

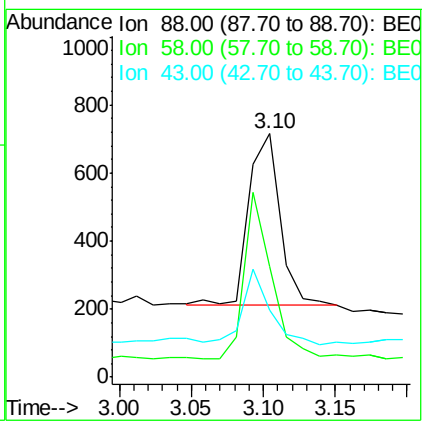


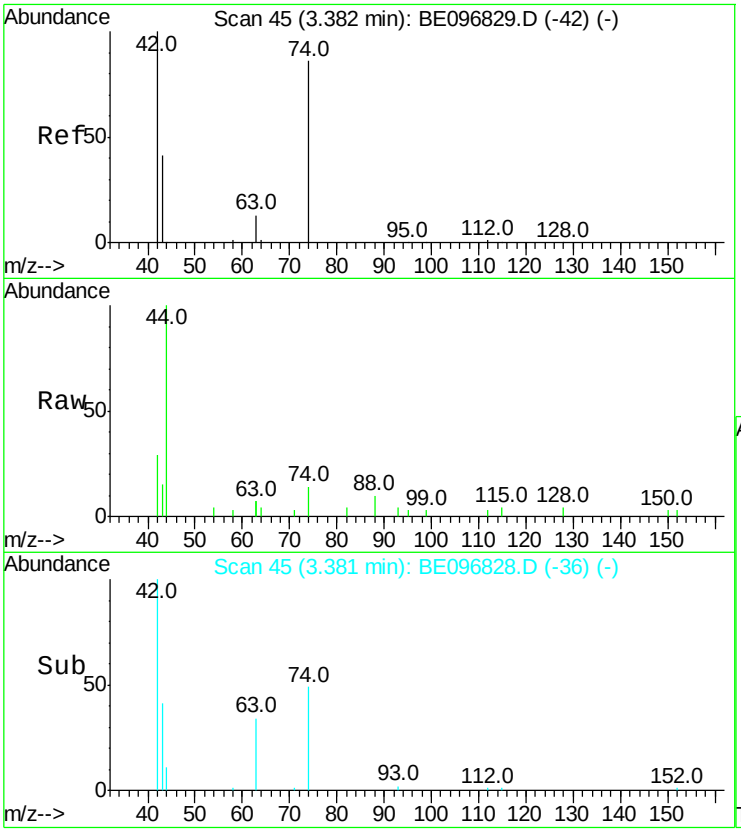


#2
1,4-Dioxane
Concen: 0.185 ng
RT: 3.10 min Scan# 21
Delta R.T. 0.01 min
Lab File: BE096828.D
Acq: 20 Jun 2018 10:23

Tgt Ion: 88 Resp: 757

Ion	Ratio	Lower	Upper
88	100		
58	86.7	63.2	94.8
43	39.5	41.2	61.8#



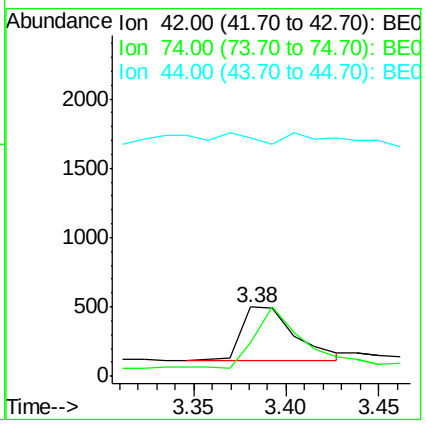


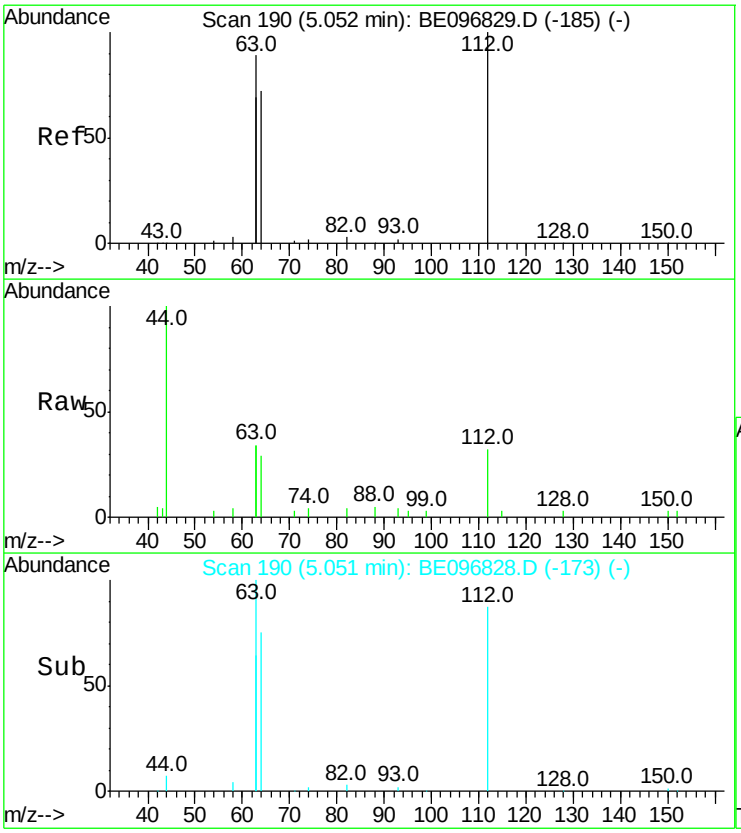
#3
n-Nitrosodimethylamine
Concen: 0.181 ng
RT: 3.38 min Scan# 45
Delta R.T. -0.00 min
Lab File: BE096828.D
Acq: 20 Jun 2018 10:23

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 42 Resp: 780

Ion	Ratio	Lower	Upper
42	100		
74	106.0	96.0	144.0
44	0.0	12.0	18.0#

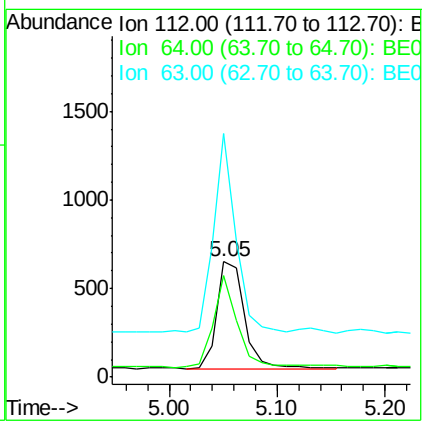


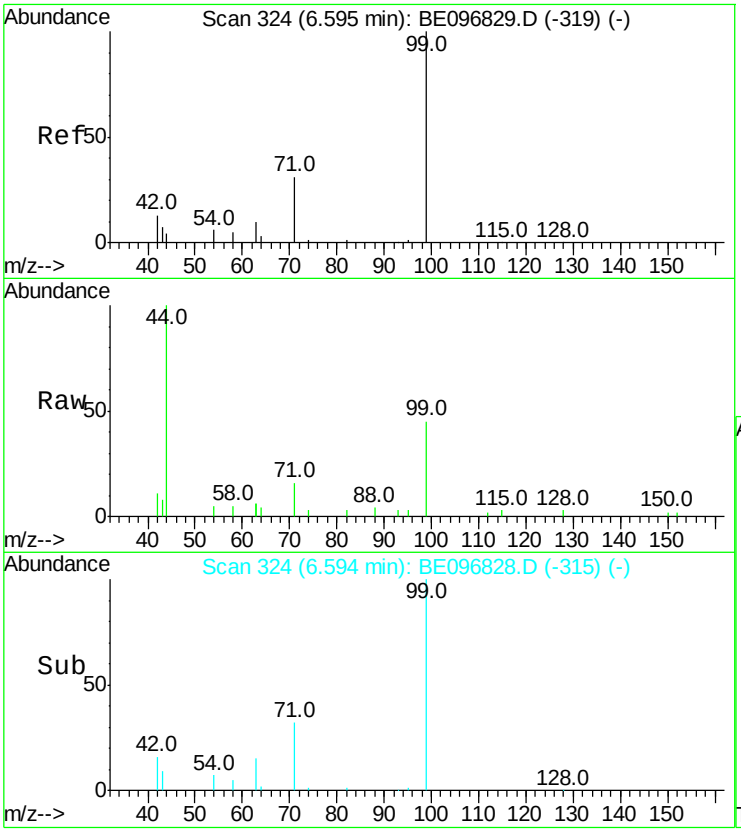


#4
2-Fluorophenol
Concen: 0.195 ng
RT: 5.05 min Scan# 190
Delta R.T. -0.00 min
Lab File: BE096828.D
Acq: 20 Jun 2018 10:23

Tgt Ion:112 Resp: 1075

Ion	Ratio	Lower	Upper
112	100		
64	76.1	60.1	90.1
63	148.5	116.8	175.2



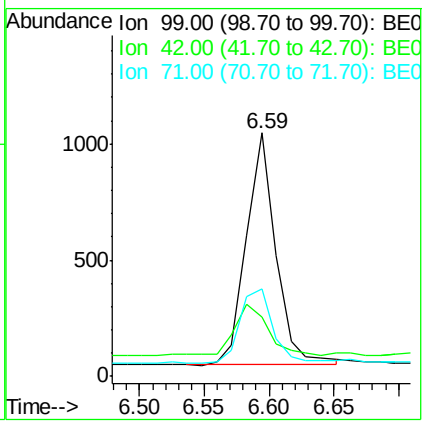


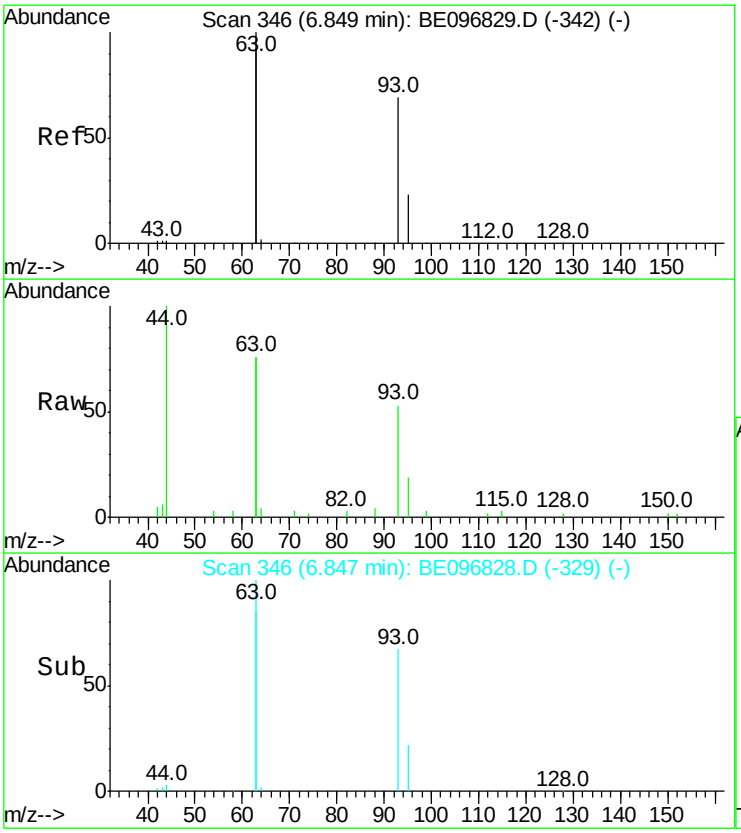
#5
Phenol-d6
Concen: 0.193 ng
RT: 6.59 min Scan# 324
Delta R.T. -0.00 min
Lab File: BE096828.D
Acq: 20 Jun 2018 10:23

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 99 Resp: 1593

Ion	Ratio	Lower	Upper
99	100		
42	25.4	20.2	30.2
71	36.3	28.4	42.6

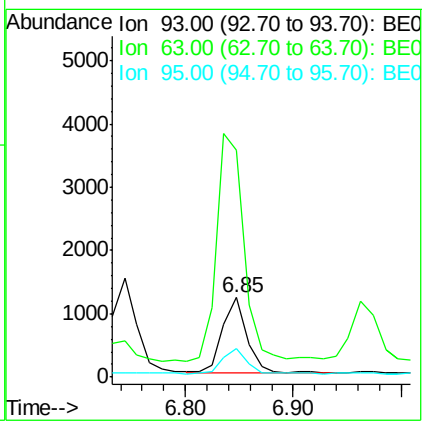


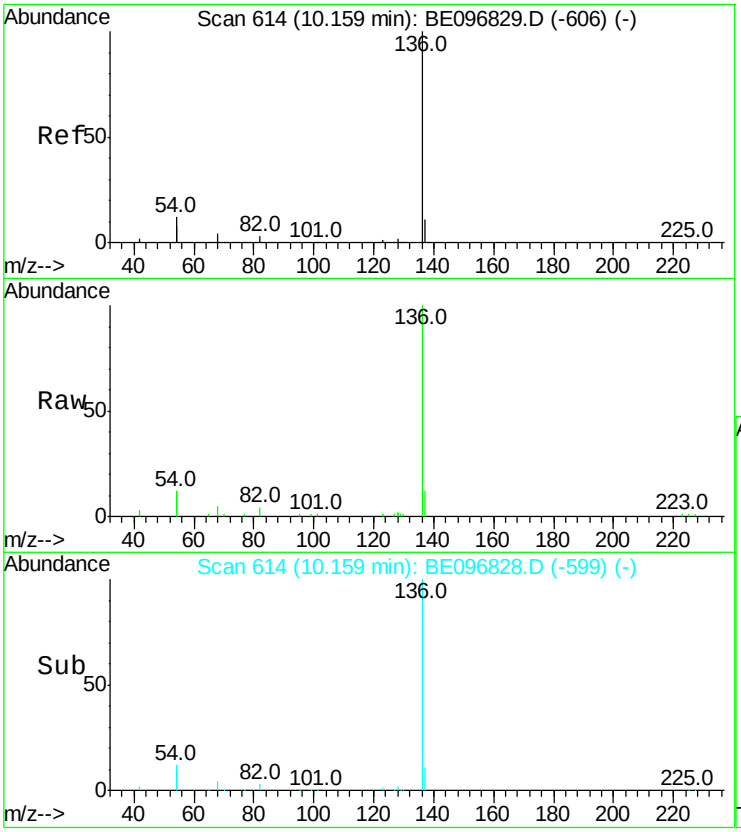


#6
bis(2-Chloroethyl)ether
Concen: 0.195 ng
RT: 6.85 min Scan# 346
Delta R.T. -0.00 min
Lab File: BE096828.D
Acq: 20 Jun 2018 10:23

Tgt Ion: 93 Resp: 1906

Ion	Ratio	Lower	Upper
93	100		
63	327.3	275.3	412.9
95	32.2	25.2	37.8



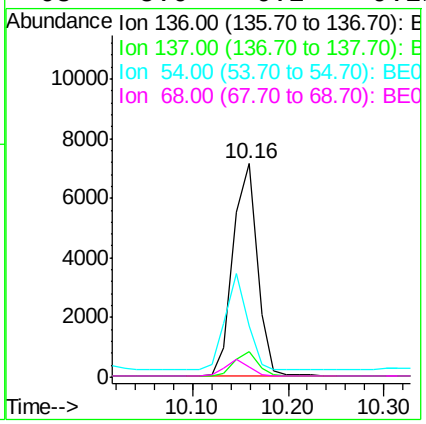


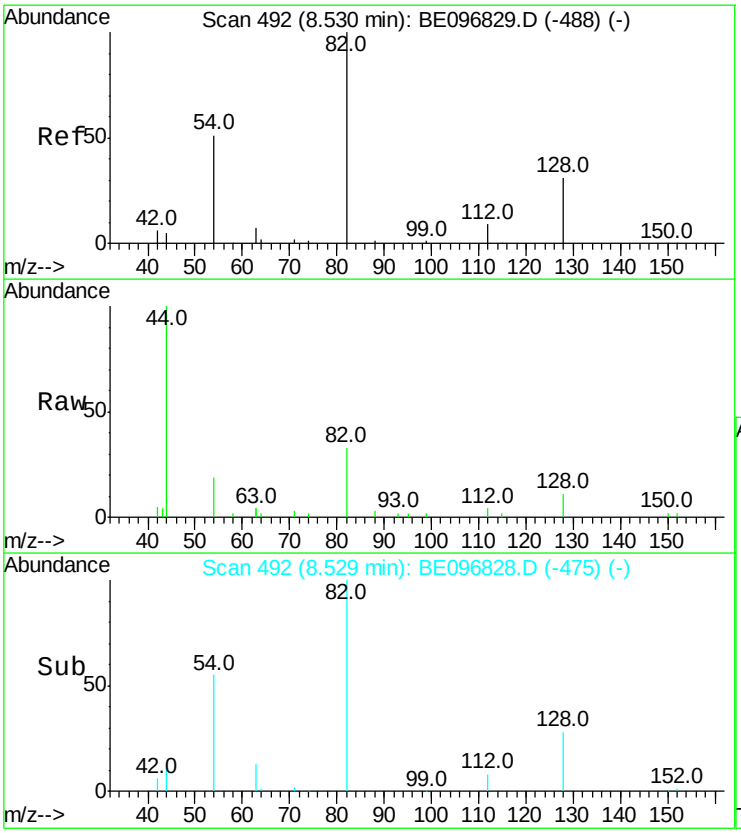
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.16 min Scan# 614
Delta R.T. 0.00 min
Lab File: BE096828.D
Acq: 20 Jun 2018 10:23

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:136 Resp: 12419

Ion	Ratio	Lower	Upper
136	100		
137	11.8	9.5	14.3
54	23.9	29.1	43.7#
68	5.0	6.2	9.2#

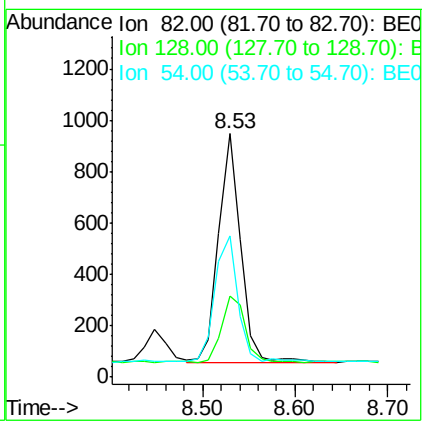


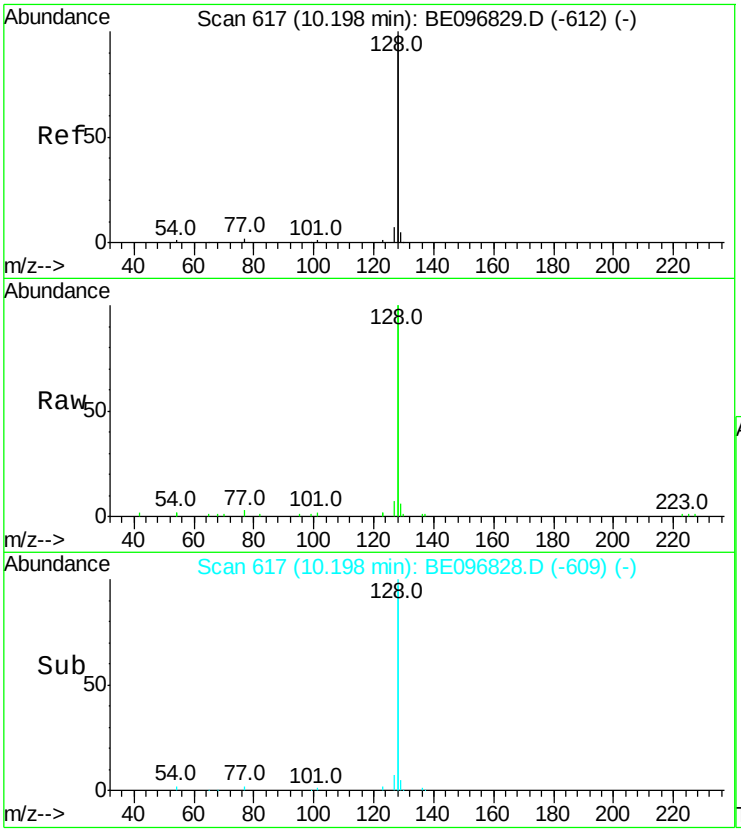


#8
Nitrobenzene-d5
Concen: 0.214 ng
RT: 8.53 min Scan# 492
Delta R.T. -0.00 min
Lab File: BE096828.D
Acq: 20 Jun 2018 10:23

Tgt Ion: 82 Resp: 1481

Ion	Ratio	Lower	Upper
82	100		
128	33.3	24.0	36.0
54	57.9	40.0	60.0



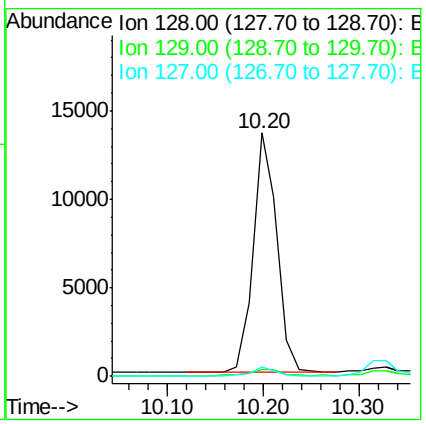


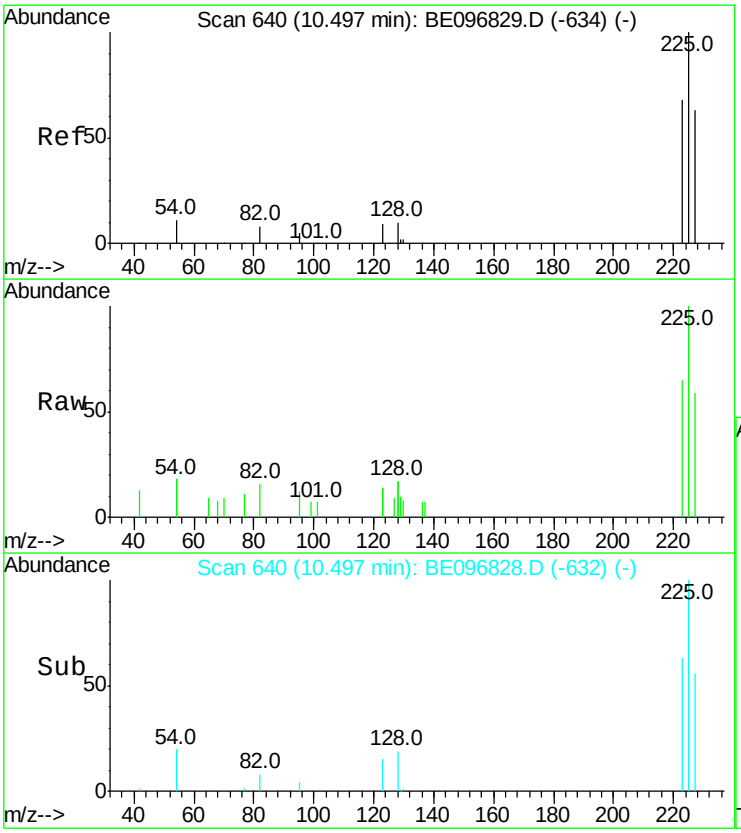
#9
Naphthalene
Concen: 0.190 ng
RT: 10.20 min Scan# 617
Delta R.T. 0.00 min
Lab File: BE096828.D
Acq: 20 Jun 2018 10:23

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:128 Resp: 23216

Ion	Ratio	Lower	Upper
128	100		
129	2.9	2.6	3.8
127	3.7	2.8	4.2

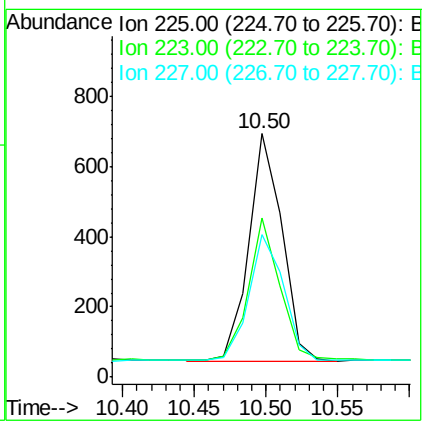


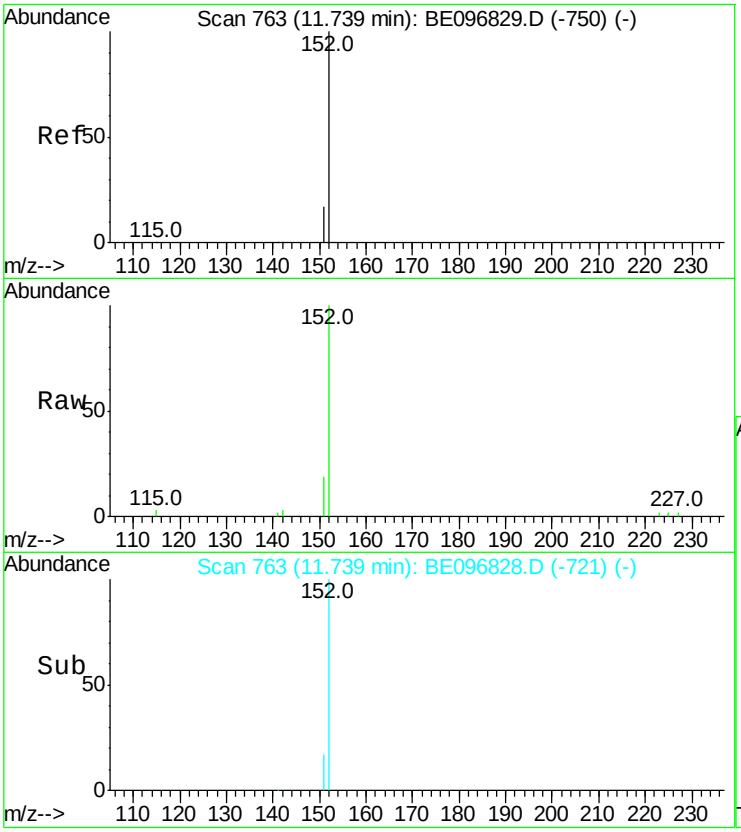


#10
Hexachlorobutadiene
Concen: 0.205 ng
RT: 10.50 min Scan# 640
Delta R.T. 0.00 min
Lab File: BE096828.D
Acq: 20 Jun 2018 10:23

Tgt Ion:225 Resp: 1041

Ion	Ratio	Lower	Upper
225	100		
223	58.8	53.0	79.6
227	57.3	51.4	77.2



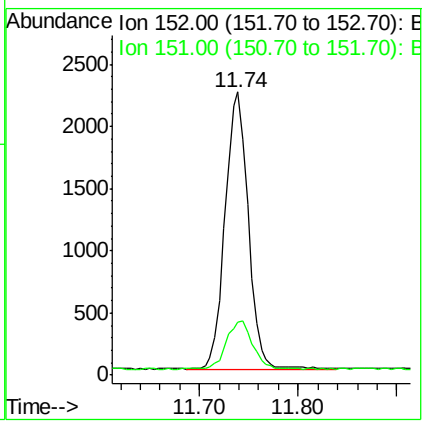


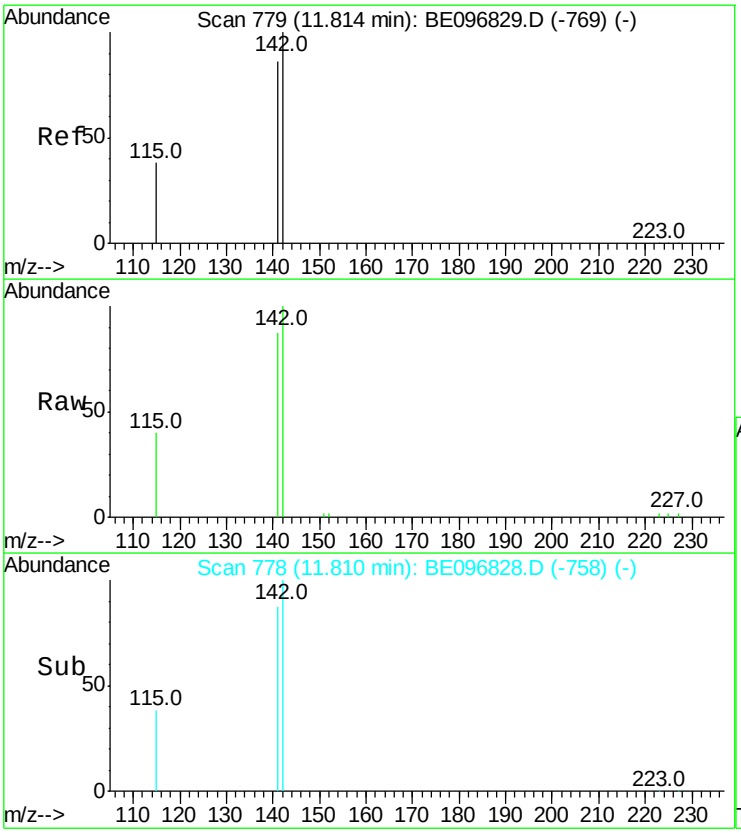
#11
2-Methylnaphthalene-d10
Concen: 0.182 ng
RT: 11.74 min Scan# 763
Delta R.T. 0.00 min
Lab File: BE096828.D
Acq: 20 Jun 2018 10:23

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 3605

Ion	Ratio	Lower	Upper
152	100		
151	19.5	15.4	23.0

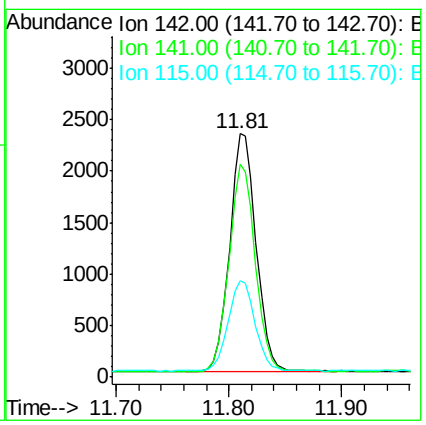


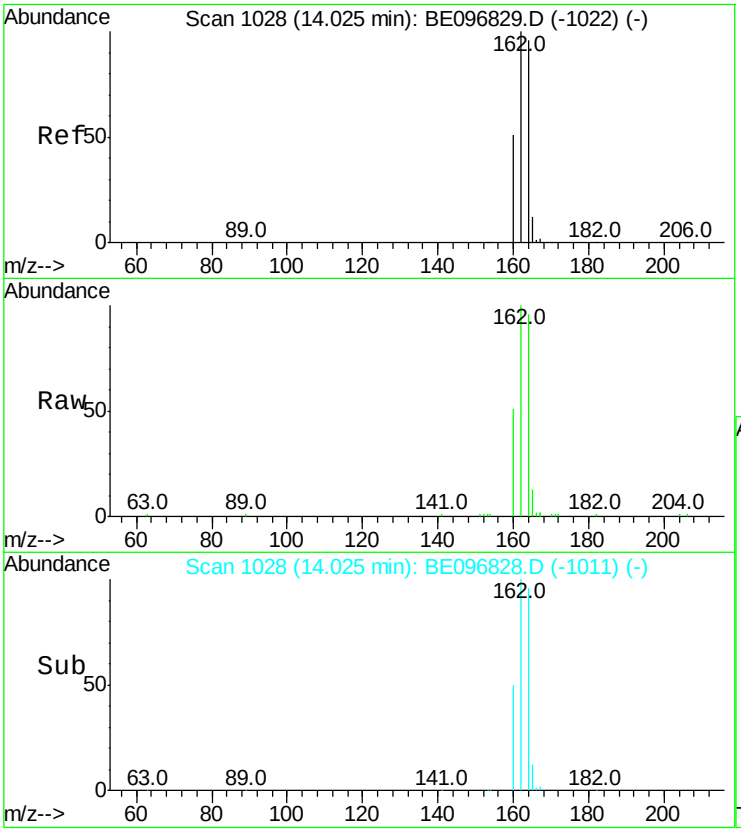


#12
2-Methylnaphthalene
Concen: 0.184 ng
RT: 11.81 min Scan# 778
Delta R.T. -0.00 min
Lab File: BE096828.D
Acq: 20 Jun 2018 10:23

Tgt Ion:142 Resp: 3769

Ion	Ratio	Lower	Upper
142	100		
141	87.2	70.4	105.6
115	39.8	31.7	47.5



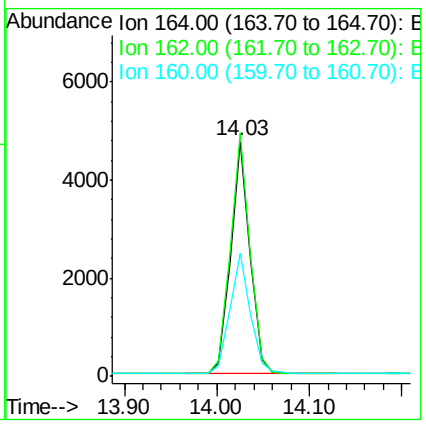


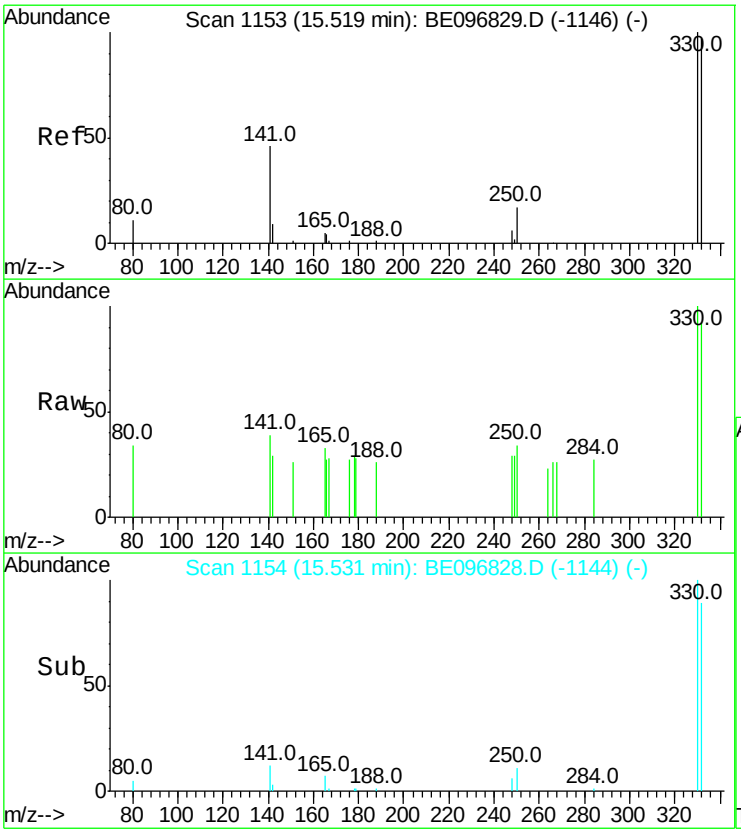
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.03 min Scan# 1028
Delta R.T. -0.00 min
Lab File: BE096828.D
Acq: 20 Jun 2018 10:23

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:164 Resp: 6844

Ion	Ratio	Lower	Upper
164	100		
162	103.6	83.1	124.7
160	52.5	37.1	55.7

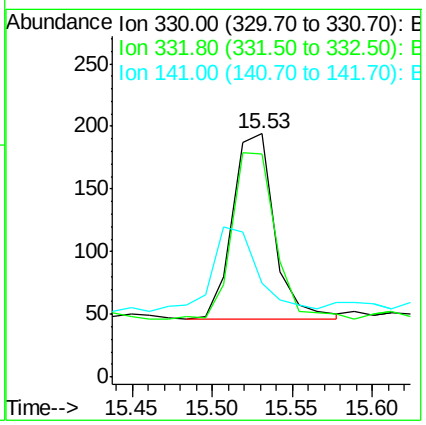


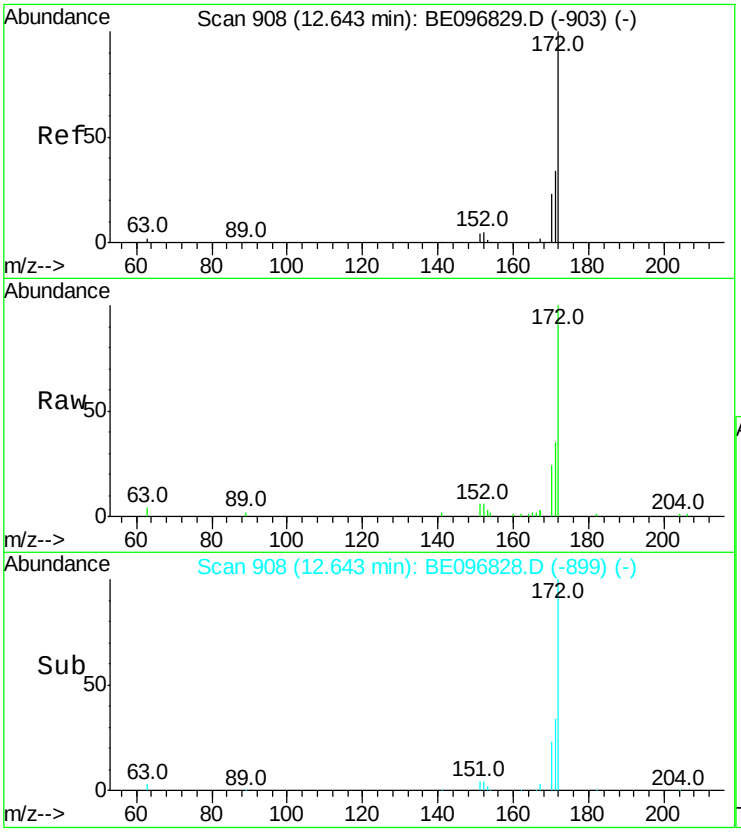


#14
2,4,6-Tribromophenol
Concen: 0.190 ng
RT: 15.53 min Scan# 1154
Delta R.T. 0.01 min
Lab File: BE096828.D
Acq: 20 Jun 2018 10:23

Tgt Ion:330 Resp: 269

Ion	Ratio	Lower	Upper
330	100		
332	92.9	152.7	229.1#
141	0.0	33.7	50.5#



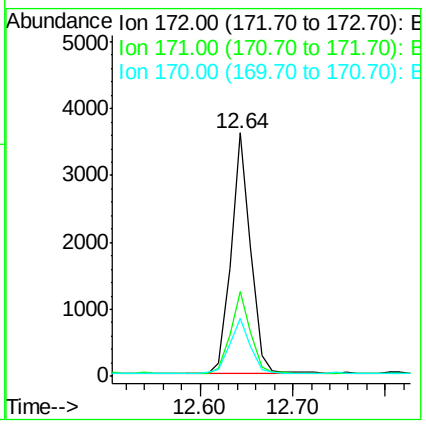


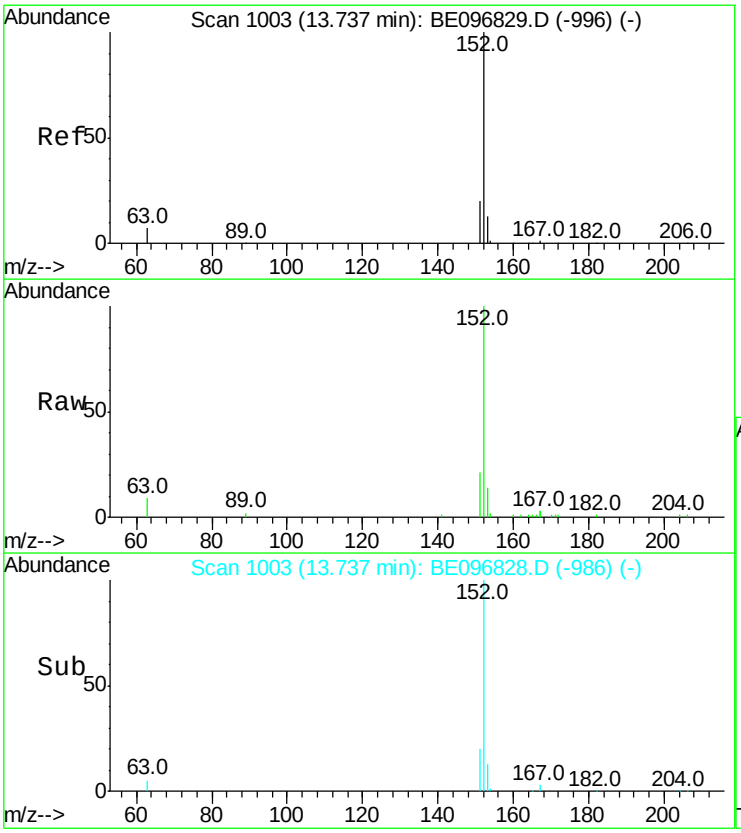
#15
2-Fluorobiphenyl
Concen: 0.185 ng
RT: 12.64 min Scan# 908
Delta R.T. -0.00 min
Lab File: BE096828.D
Acq: 20 Jun 2018 10:23

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:172 Resp: 5205

Ion	Ratio	Lower	Upper
172	100		
171	34.8	29.9	44.9
170	23.8	21.8	32.8

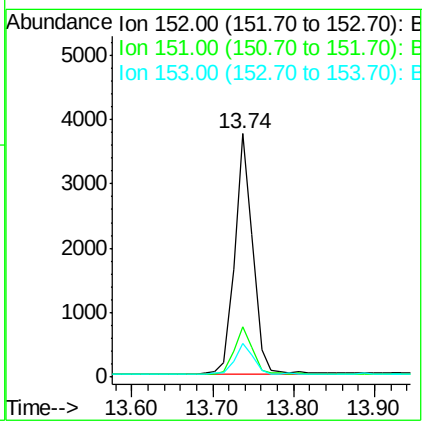


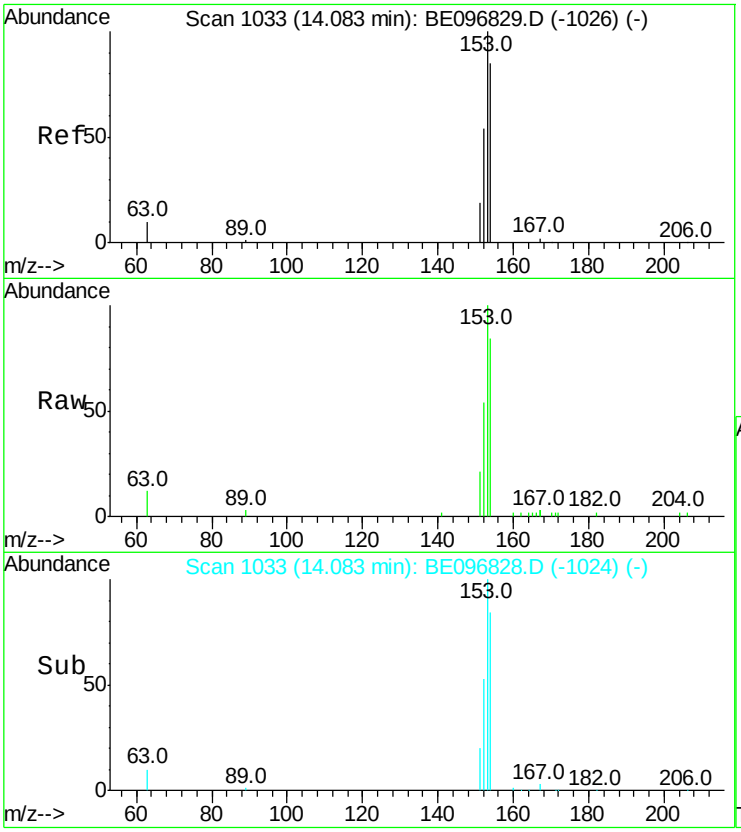


#16
Acenaphthylene
Concen: 0.179 ng
RT: 13.74 min Scan# 1003
Delta R.T. -0.00 min
Lab File: BE096828.D
Acq: 20 Jun 2018 10:23

Tgt Ion:152 Resp: 5769

Ion	Ratio	Lower	Upper
152	100		
151	19.8	15.7	23.5
153	12.8	10.5	15.7



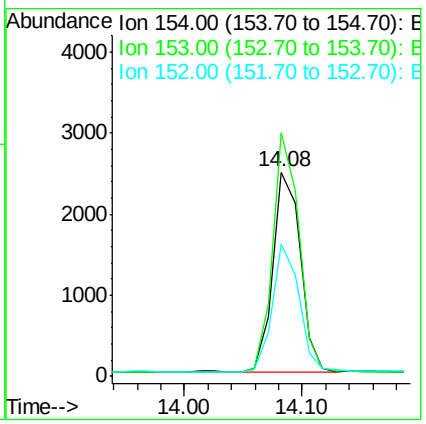


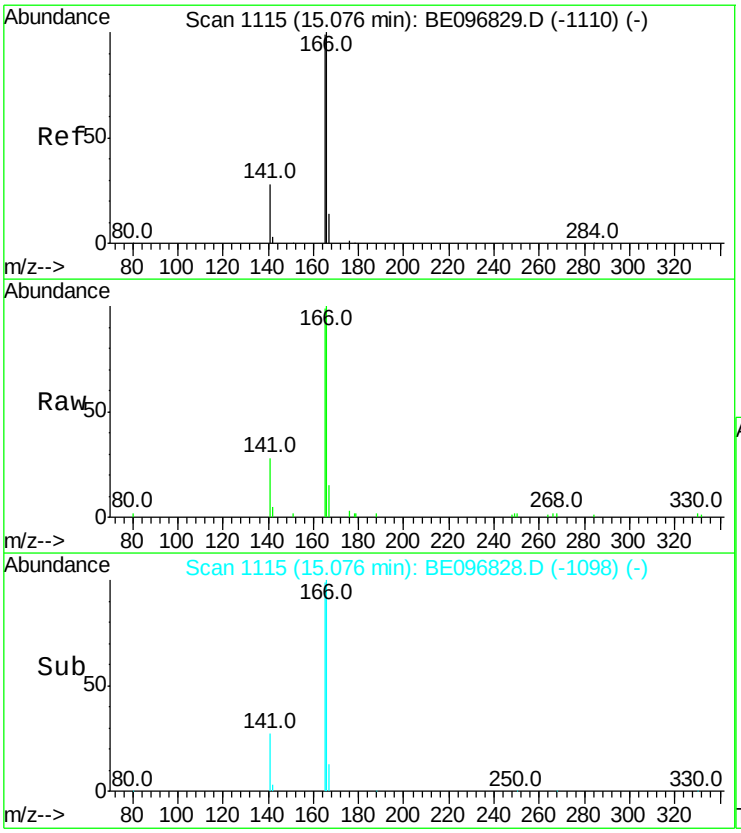
#17
Acenaphthene
Concen: 0.184 ng
RT: 14.08 min Scan# 1033
Delta R.T. -0.00 min
Lab File: BE096828.D
Acq: 20 Jun 2018 10:23

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:154 Resp: 4002

Ion	Ratio	Lower	Upper
154	100		
153	113.5	89.2	133.8
152	62.1	42.0	63.0

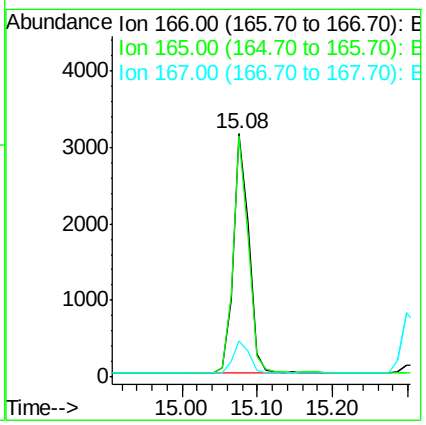


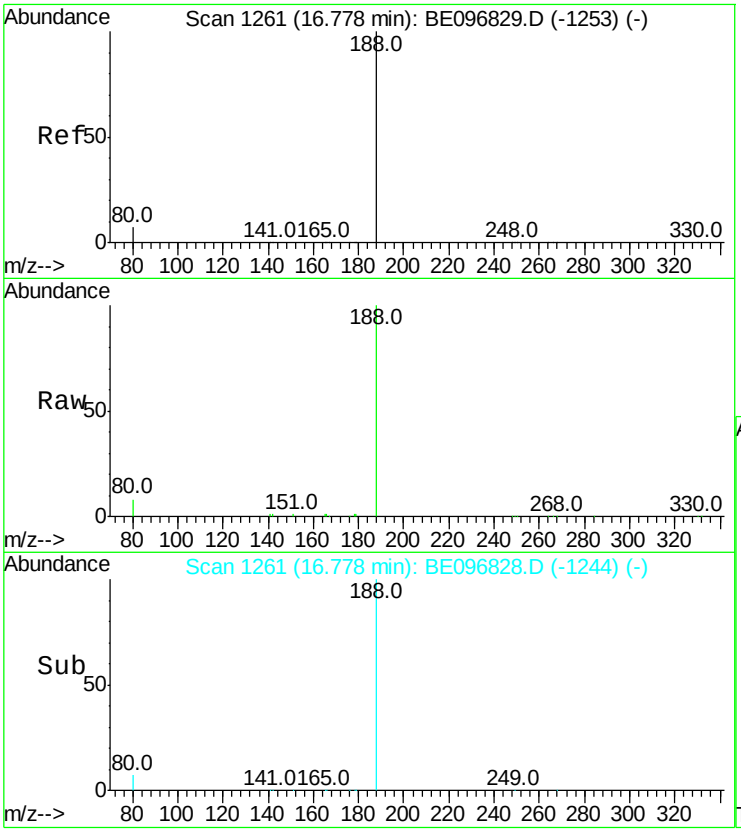


#18
Fluorene
Concen: 0.179 ng
RT: 15.08 min Scan# 1115
Delta R.T. 0.00 min
Lab File: BE096828.D
Acq: 20 Jun 2018 10:23

Tgt Ion:166 Resp: 4589

Ion	Ratio	Lower	Upper
166	100		
165	96.6	77.8	116.6
167	14.3	42.4	63.6#



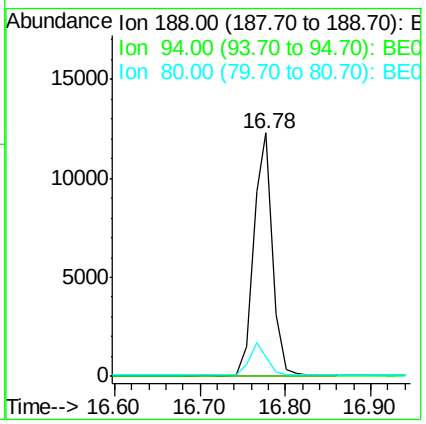


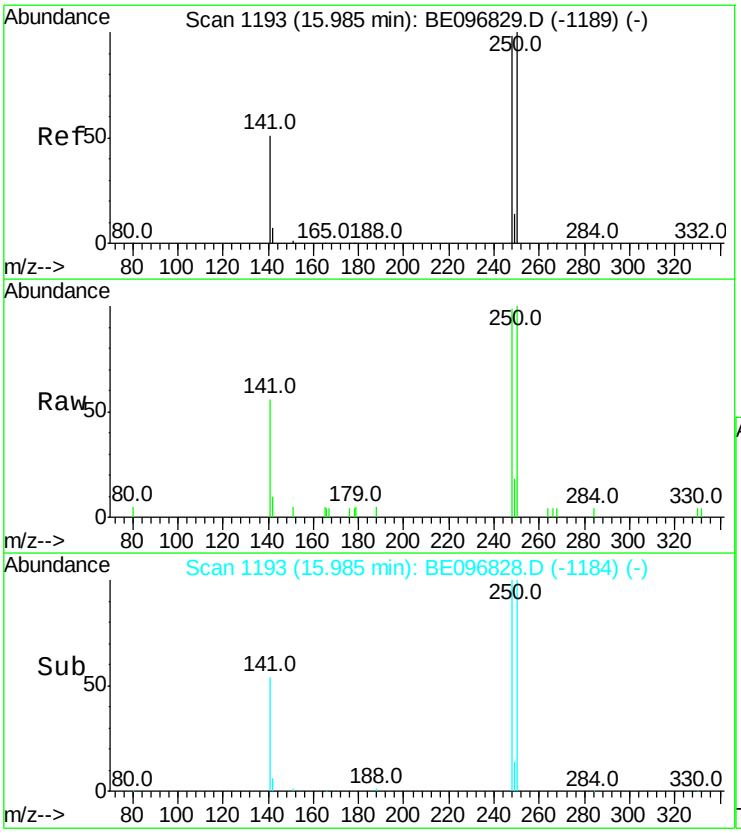
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.78 min Scan# 1261
Delta R.T. 0.00 min
Lab File: BE096828.D
Acq: 20 Jun 2018 10:23

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:188 Resp: 18664

Ion	Ratio	Lower	Upper
188	100		
94	0.0	3.9	5.9#
80	7.9	3.6	5.4#

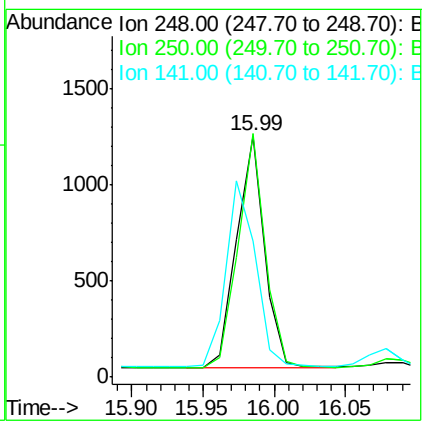


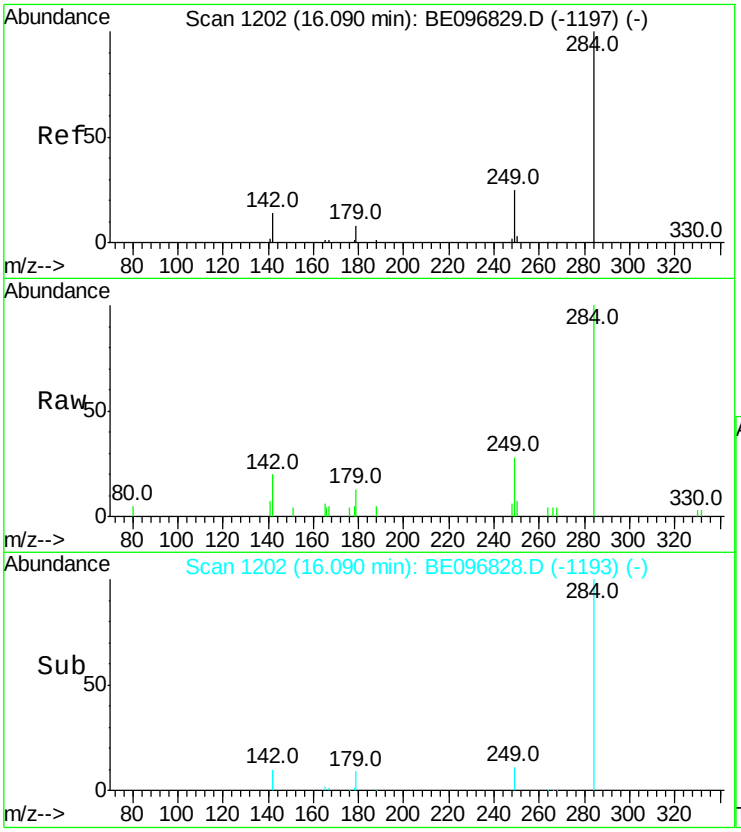


#20
4-Bromophenyl-phenylether
Concen: 0.181 ng
RT: 15.99 min Scan# 1193
Delta R.T. 0.00 min
Lab File: BE096828.D
Acq: 20 Jun 2018 10:23

Tgt Ion:248 Resp: 1648

Ion	Ratio	Lower	Upper
248	100		
250	100.9	62.7	94.1#
141	56.5	48.2	72.2



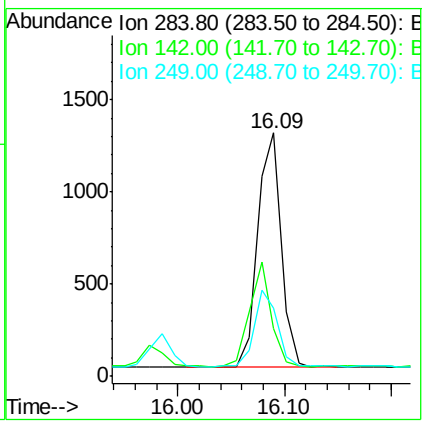


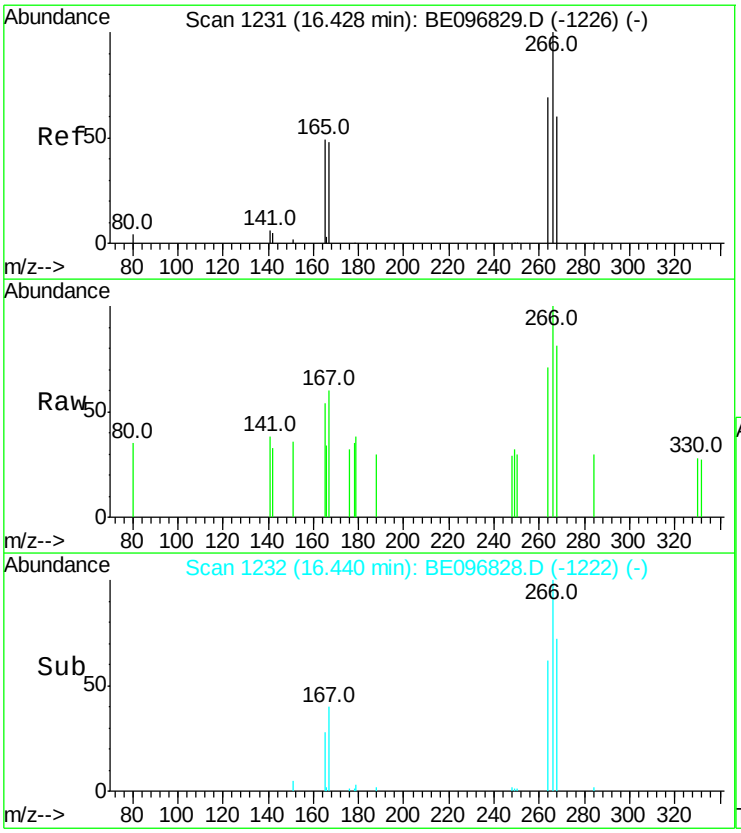
#21
Hexachlorobenzene
Concen: 0.184 ng
RT: 16.09 min Scan# 1202
Delta R.T. 0.00 min
Lab File: BE096828.D
Acq: 20 Jun 2018 10:23

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:284 Resp: 1965

Ion	Ratio	Lower	Upper
284	100		
142	40.4	22.1	33.1#
249	32.0	34.8	52.2#

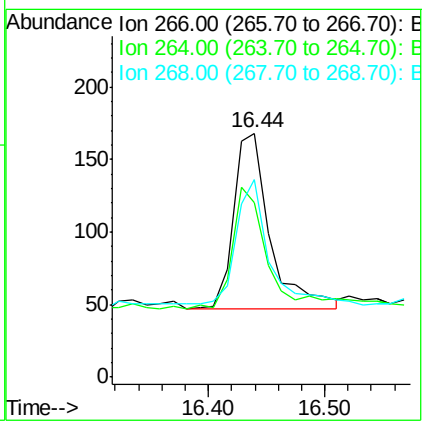


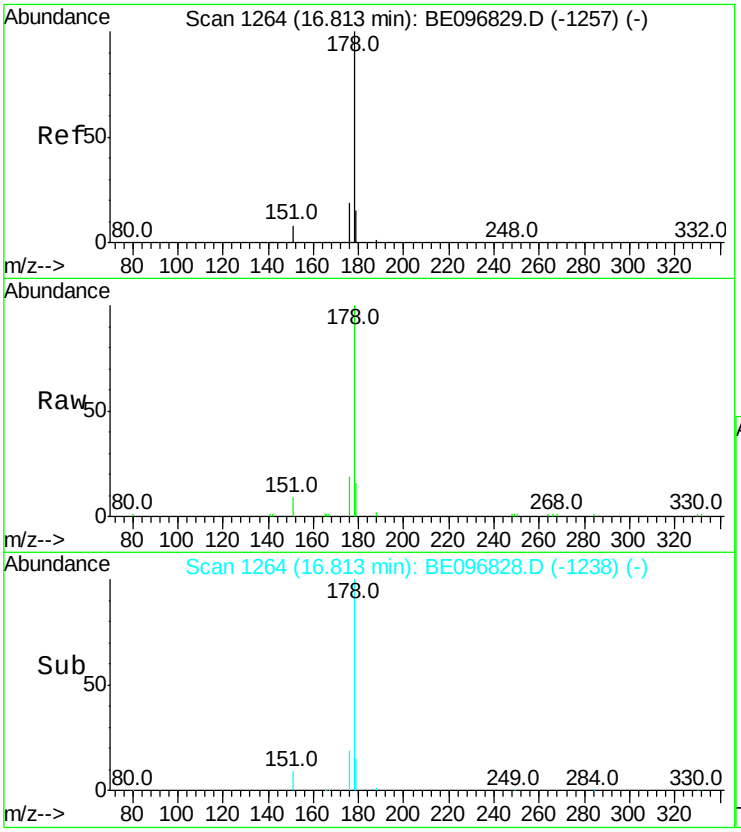


#22
Pentachlorophenol
Concen: 0.160 ng
RT: 16.44 min Scan# 1232
Delta R.T. 0.01 min
Lab File: BE096828.D
Acq: 20 Jun 2018 10:23

Tgt Ion:266 Resp: 265

Ion	Ratio	Lower	Upper
266	100		
264	71.4	72.5	108.7#
268	81.0	73.8	110.6



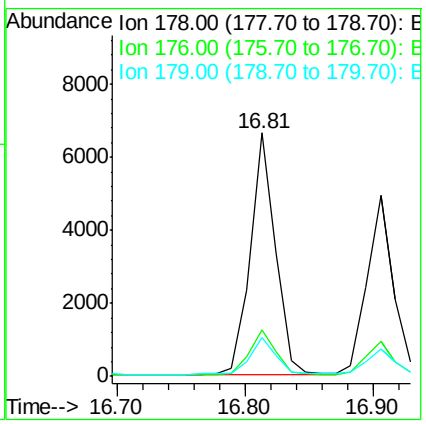


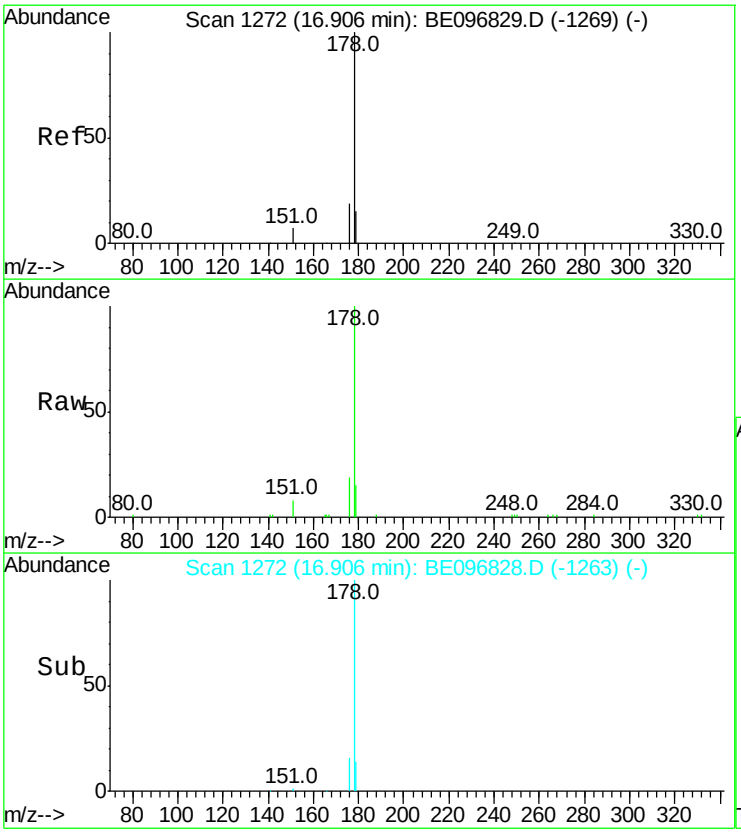
#23
Phenanthrene
Concen: 0.178 ng
RT: 16.81 min Scan# 1264
Delta R.T. 0.00 min
Lab File: BE096828.D
Acq: 20 Jun 2018 10:23

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:178 Resp: 9030

Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.1	22.7
179	15.5	11.8	17.6

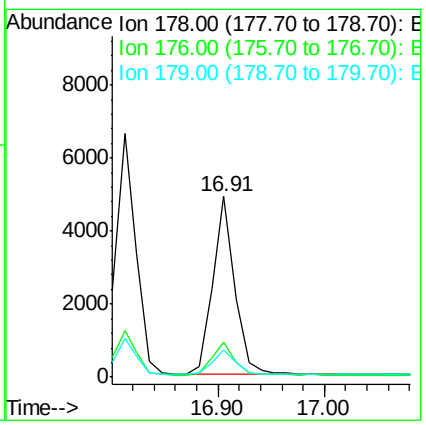


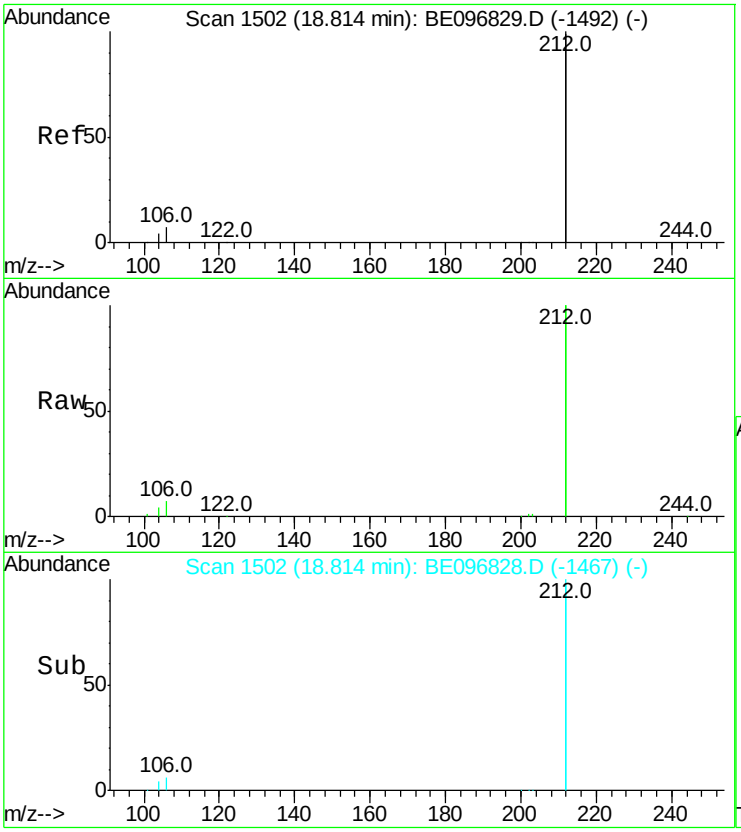


#24
Anthracene
Concen: 0.168 ng
RT: 16.91 min Scan# 1272
Delta R.T. 0.00 min
Lab File: BE096828.D
Acq: 20 Jun 2018 10:23

Tgt Ion:178 Resp: 7012

Ion	Ratio	Lower	Upper
178	100		
176	18.6	12.8	19.2
179	15.4	13.0	19.6



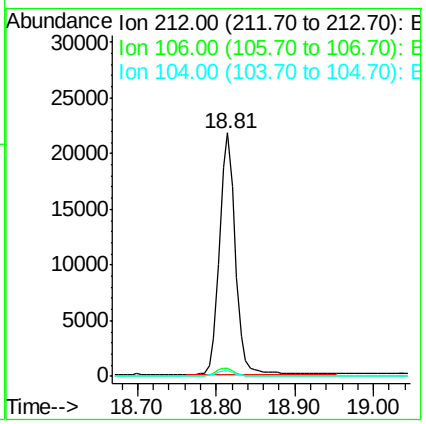


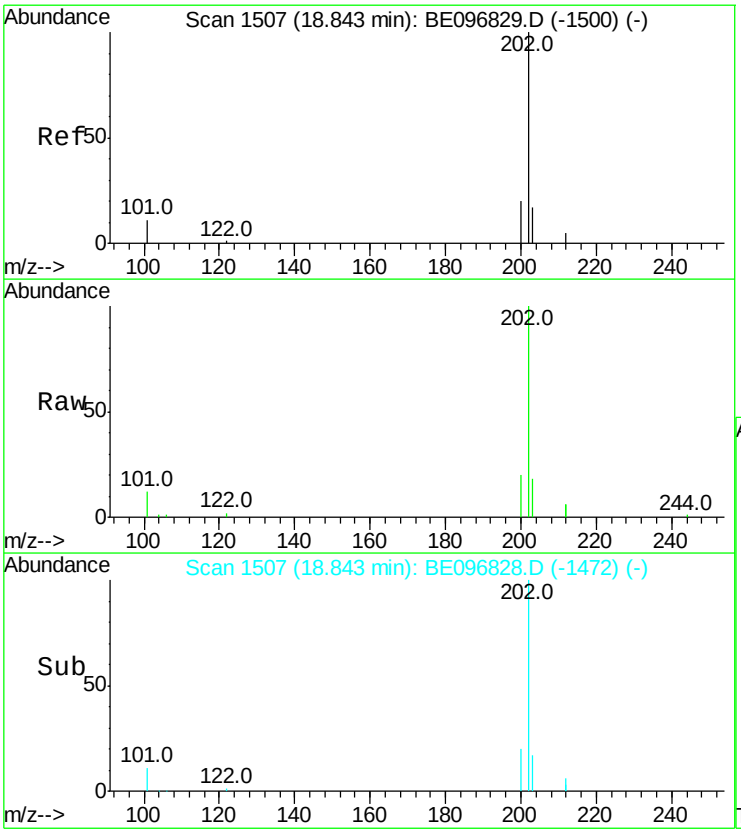
#25
Fluoranthene-d10
Concen: 0.164 ng
RT: 18.81 min Scan# 1502
Delta R.T. 0.00 min
Lab File: BE096828.D
Acq: 20 Jun 2018 10:23

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:212 Resp: 30029

Ion	Ratio	Lower	Upper
212	100		
106	3.5	2.8	4.2
104	2.1	1.6	2.4

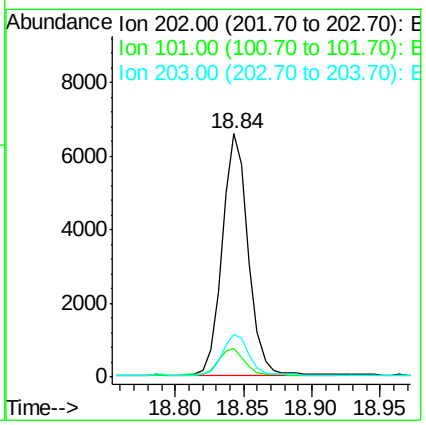


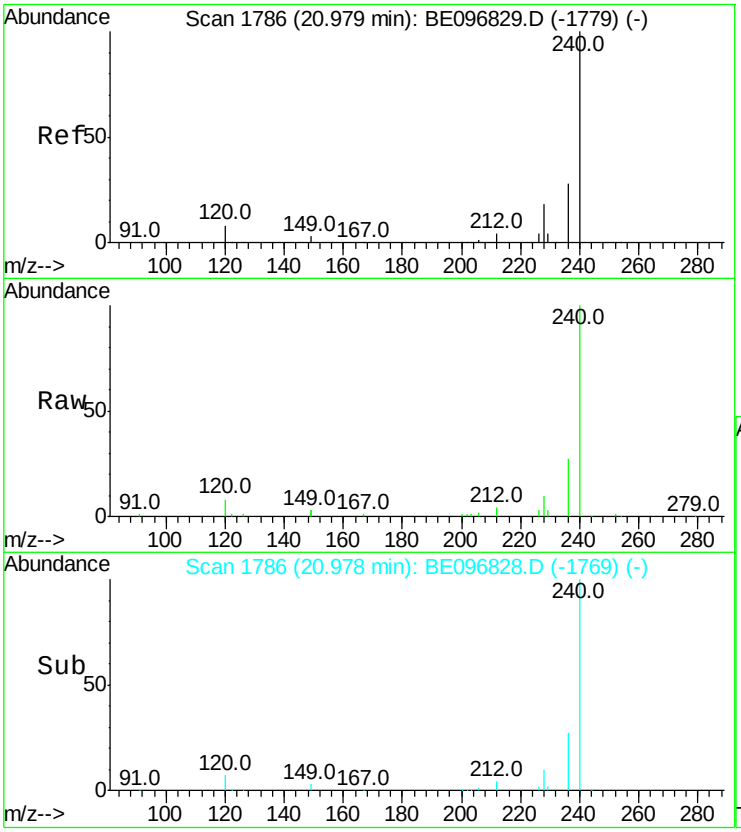


#26
Fluoranthene
Concen: 0.163 ng
RT: 18.84 min Scan# 1507
Delta R.T. 0.00 min
Lab File: BE096828.D
Acq: 20 Jun 2018 10:23

Tgt Ion:202 Resp: 8755

Ion	Ratio	Lower	Upper
202	100		
101	11.4	9.8	14.8
203	17.0	13.7	20.5



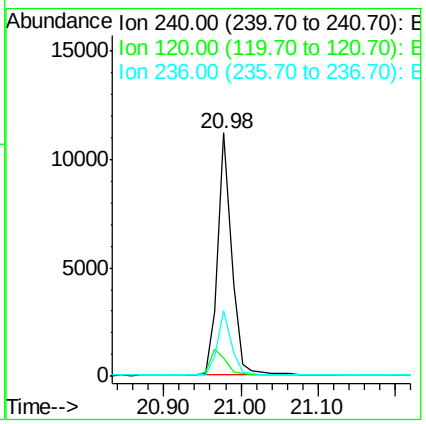


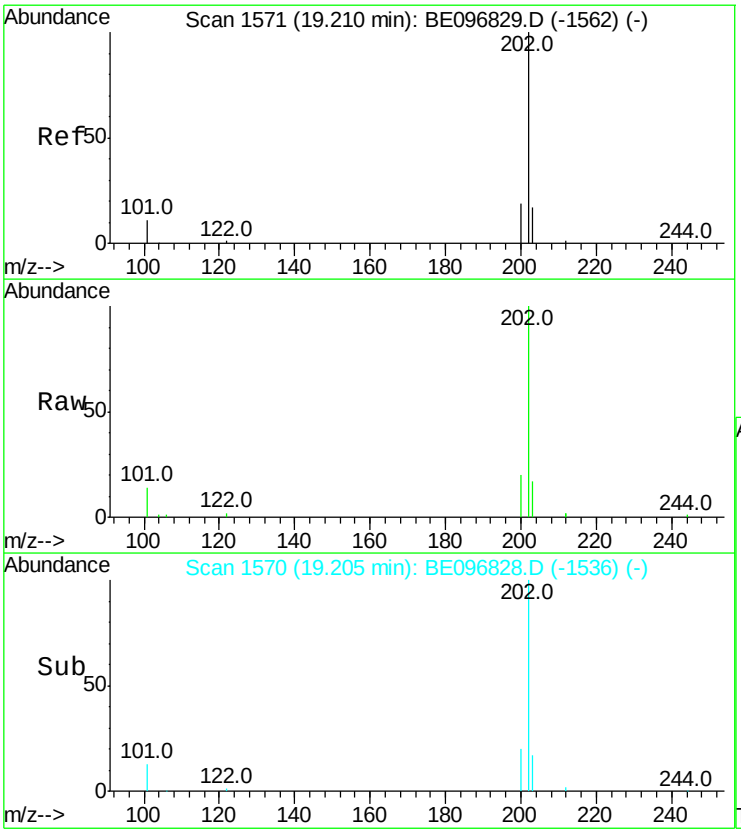
#27
Chrysene-d12
Concen: 0.400 ng
RT: 20.98 min Scan# 1786
Delta R.T. -0.00 min
Lab File: BE096828.D
Acq: 20 Jun 2018 10:23

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:240 Resp: 14179

Ion	Ratio	Lower	Upper
240	100		
120	7.8	5.5	8.3
236	27.2	20.7	31.1

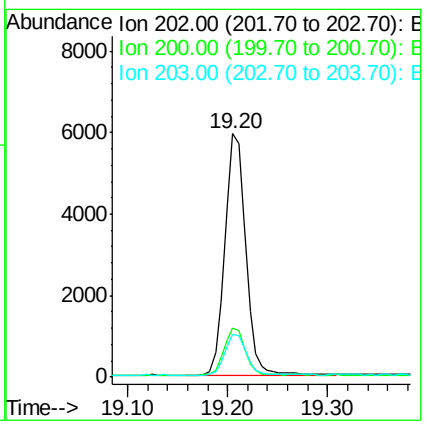


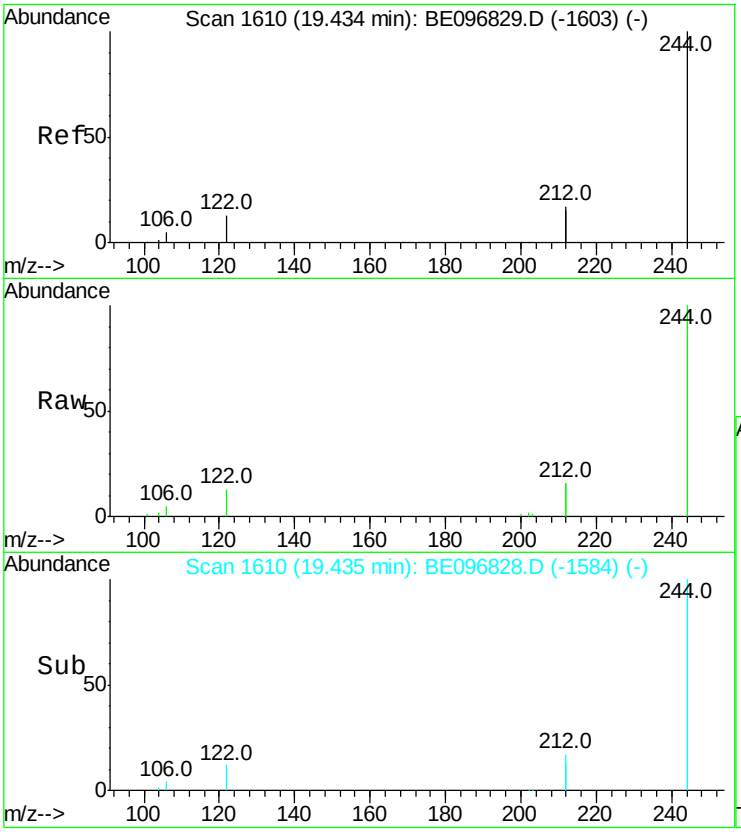


#28
Pyrene
Concen: 0.184 ng
RT: 19.20 min Scan# 1570
Delta R.T. -0.01 min
Lab File: BE096828.D
Acq: 20 Jun 2018 10:23

Tgt Ion:202 Resp: 8556

Ion	Ratio	Lower	Upper
202	100		
200	19.6	16.6	25.0
203	17.2	13.8	20.8



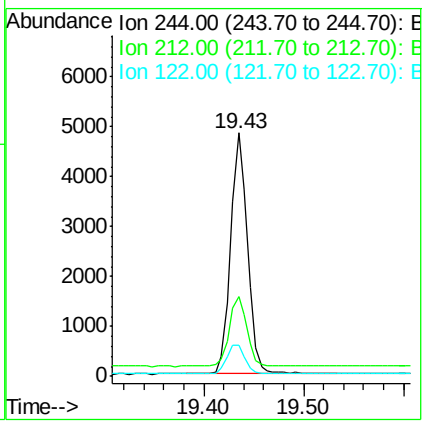


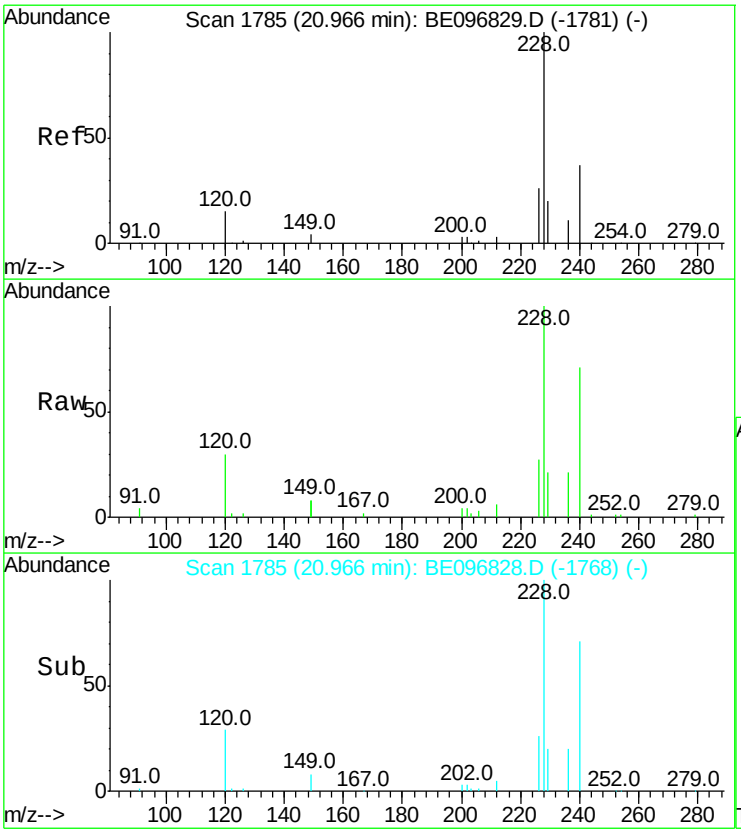
#29
Terphenyl-d14
Concen: 0.177 ng
RT: 19.43 min Scan# 1610
Delta R.T. 0.00 min
Lab File: BE096828.D
Acq: 20 Jun 2018 10:23

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:244 Resp: 5701

Ion	Ratio	Lower	Upper
244	100		
212	32.7	25.4	38.0
122	12.8	8.1	12.1#

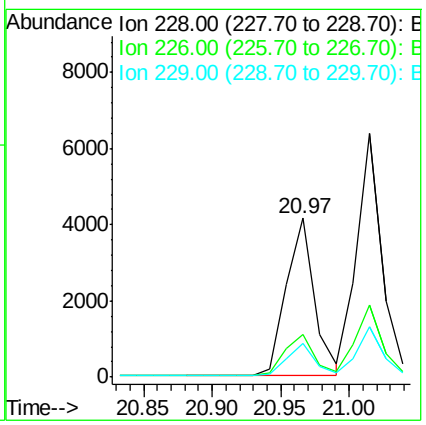


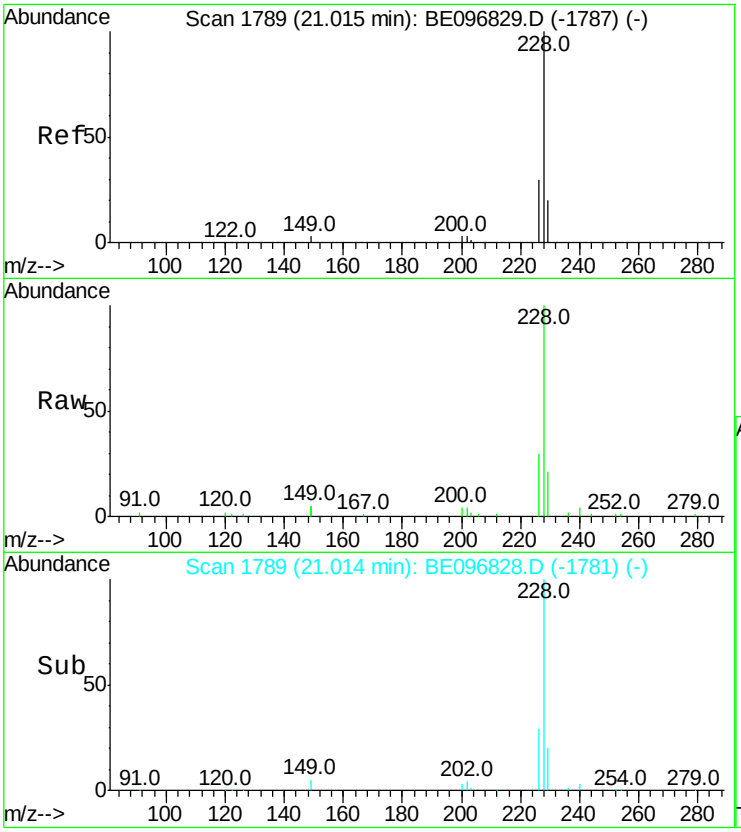


#30
Benzo(a)anthracene
Concen: 0.170 ng
RT: 20.97 min Scan# 1785
Delta R.T. -0.00 min
Lab File: BE096828.D
Acq: 20 Jun 2018 10:23

Tgt Ion:228 Resp: 5845

Ion	Ratio	Lower	Upper
228	100		
226	26.9	24.0	36.0
229	21.2	16.0	24.0



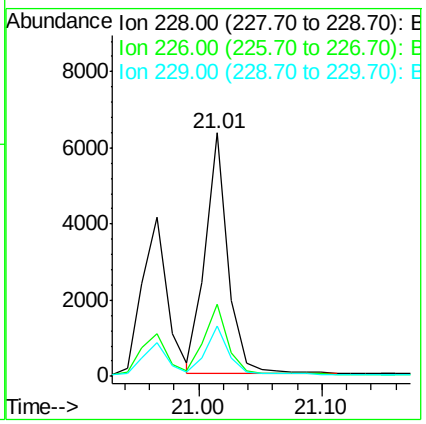


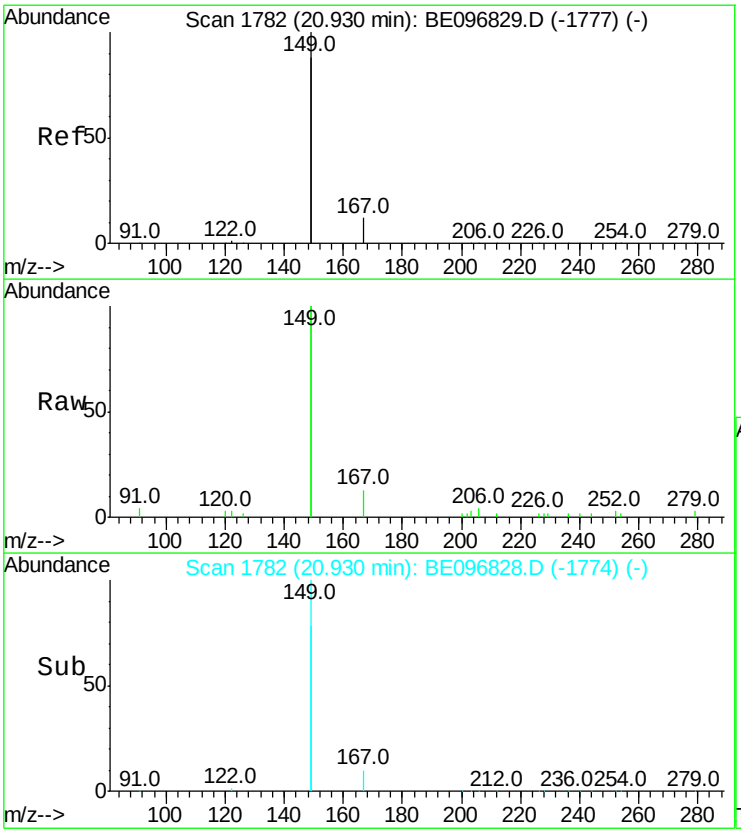
#31
Chrysene
Concen: 0.186 ng
RT: 21.01 min Scan# 1789
Delta R.T. -0.00 min
Lab File: BE096828.D
Acq: 20 Jun 2018 10:23

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:228 Resp: 8054

Ion	Ratio	Lower	Upper
228	100		
226	29.6	24.0	36.0
229	20.5	16.0	24.0

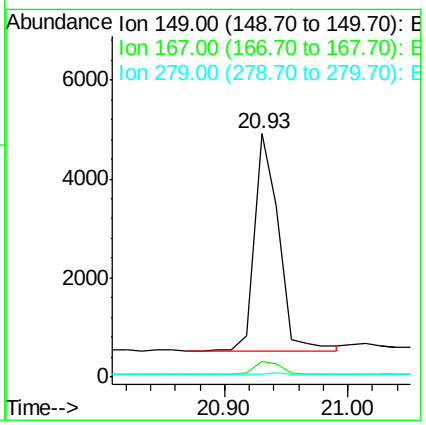


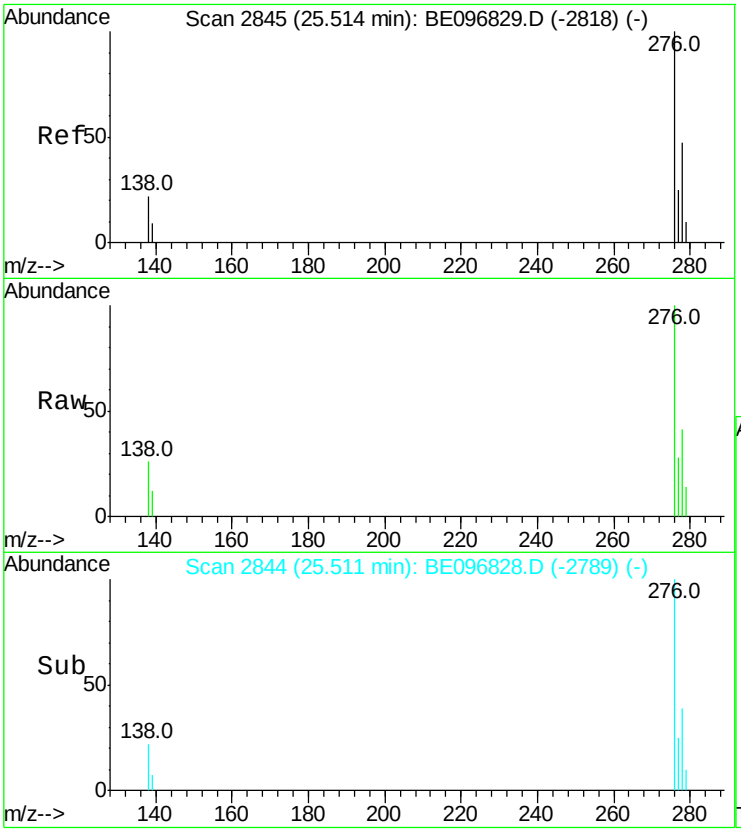


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.233 ng
RT: 20.93 min Scan# 1782
Delta R.T. -0.00 min
Lab File: BE096828.D
Acq: 20 Jun 2018 10:23

Tgt Ion:149 Resp: 6022

Ion	Ratio	Lower	Upper
149	100		
167	6.0	5.4	8.0
279	0.9	0.7	1.1



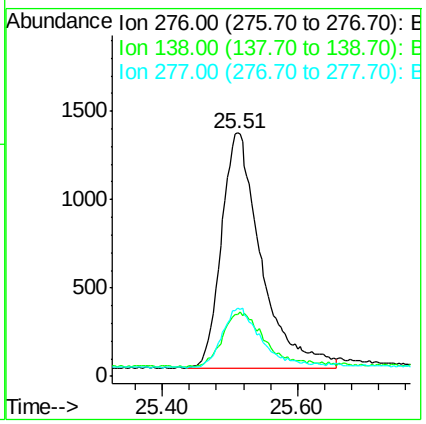


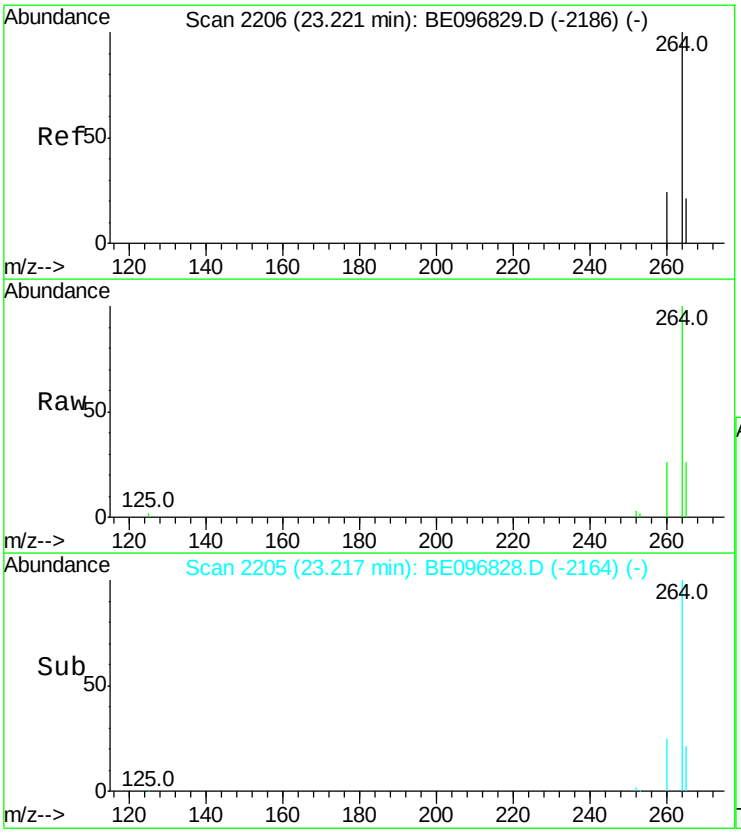
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.167 ng
RT: 25.51 min Scan# 2844
Delta R.T. -0.00 min
Lab File: BE096828.D
Acq: 20 Jun 2018 10:23

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 5419

Ion	Ratio	Lower	Upper
276	100		
138	24.9	22.5	33.7
277	24.5	19.9	29.9

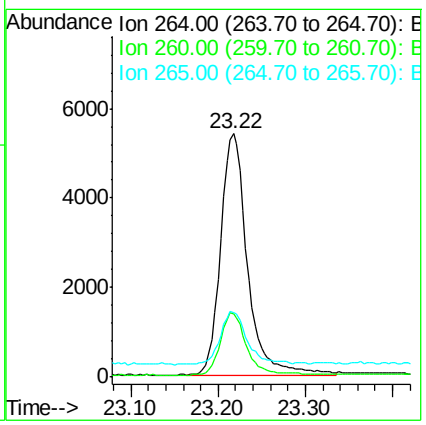


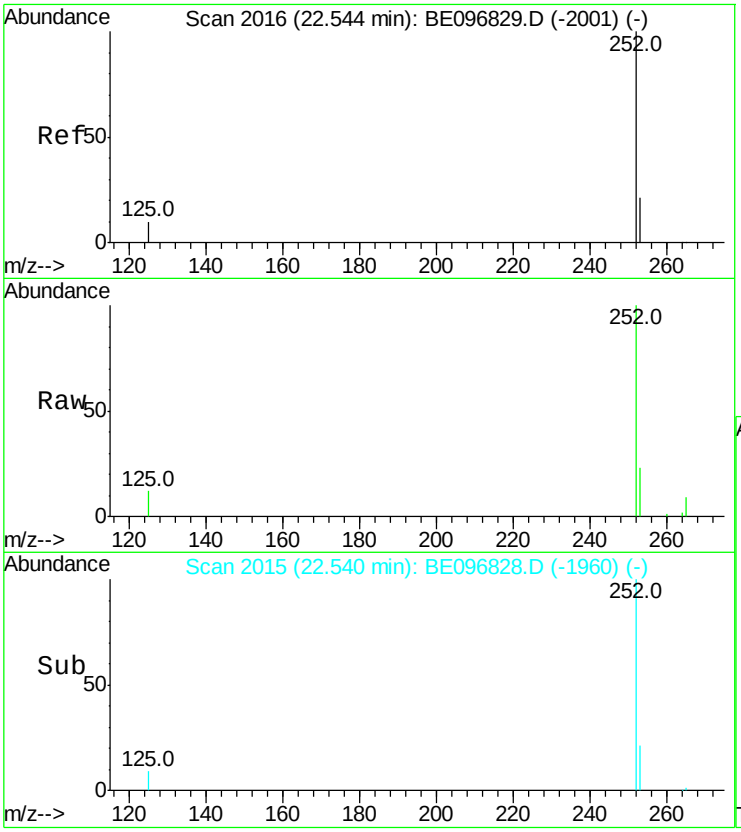


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.22 min Scan# 2205
Delta R.T. -0.00 min
Lab File: BE096828.D
Acq: 20 Jun 2018 10:23

Tgt Ion:264 Resp: 11488

Ion	Ratio	Lower	Upper
264	100		
260	26.0	20.5	30.7
265	26.5	22.8	34.2



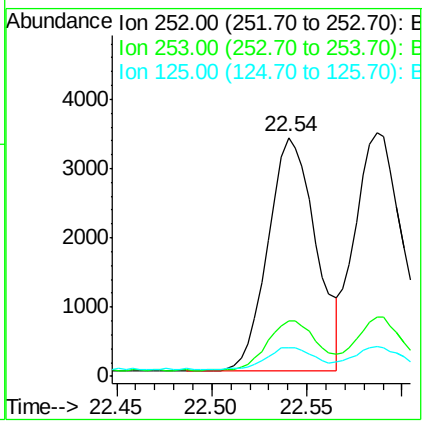


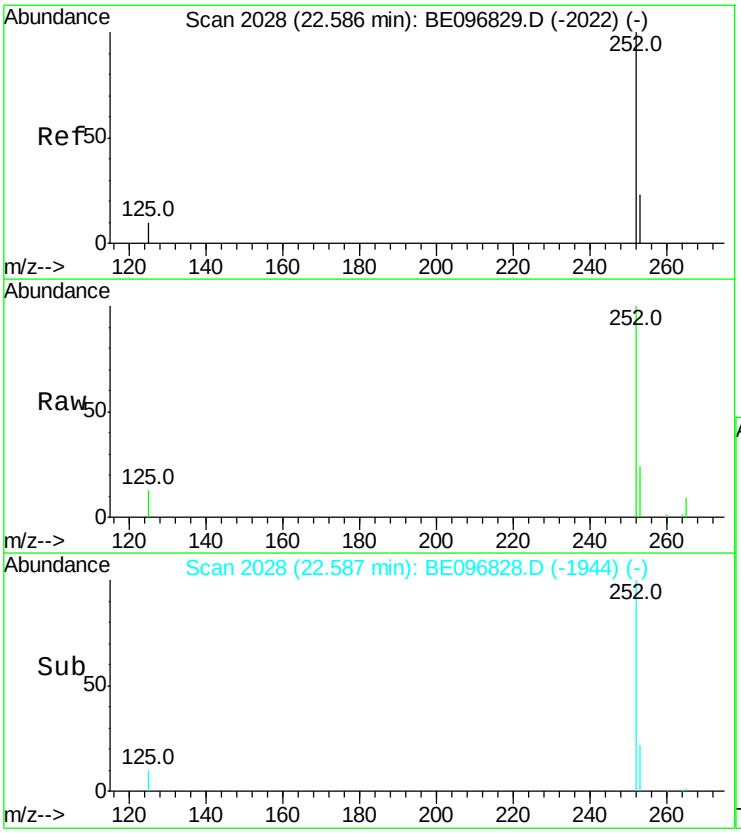
#35
Benzo(b)fluoranthene
Concen: 0.188 ng
RT: 22.54 min Scan# 2015
Delta R.T. -0.00 min
Lab File: BE096828.D
Acq: 20 Jun 2018 10:23

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 5922

Ion	Ratio	Lower	Upper
252	100		
253	23.4	20.0	30.0
125	12.0	16.0	24.0#

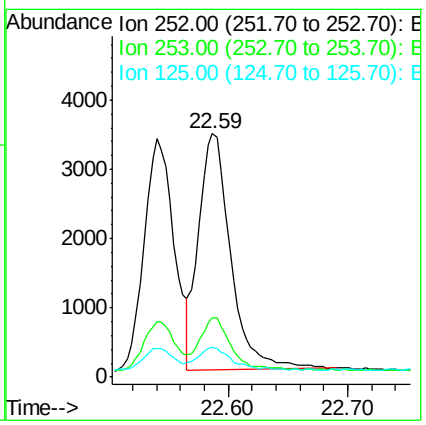


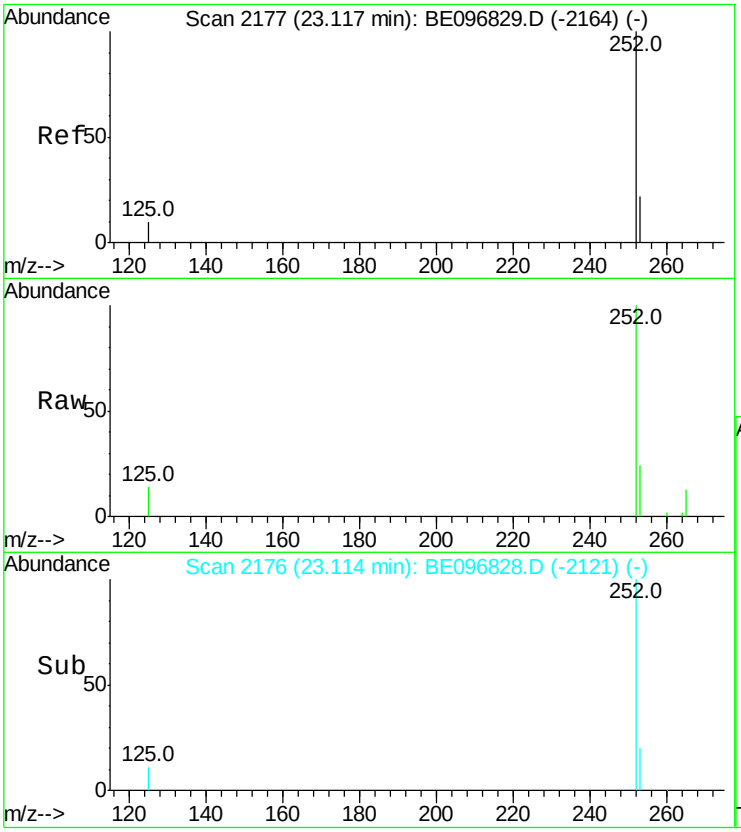


#36
Benzo(k)fluoranthene
Concen: 0.169 ng
RT: 22.59 min Scan# 2028
Delta R.T. 0.00 min
Lab File: BE096828.D
Acq: 20 Jun 2018 10:23

Tgt Ion:252 Resp: 6362

Ion	Ratio	Lower	Upper
252	100		
253	24.5	16.0	24.0#
125	12.5	8.0	12.0#



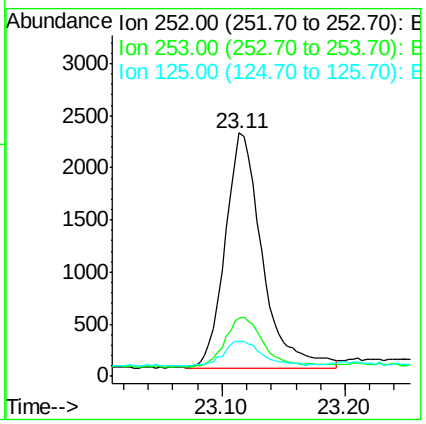


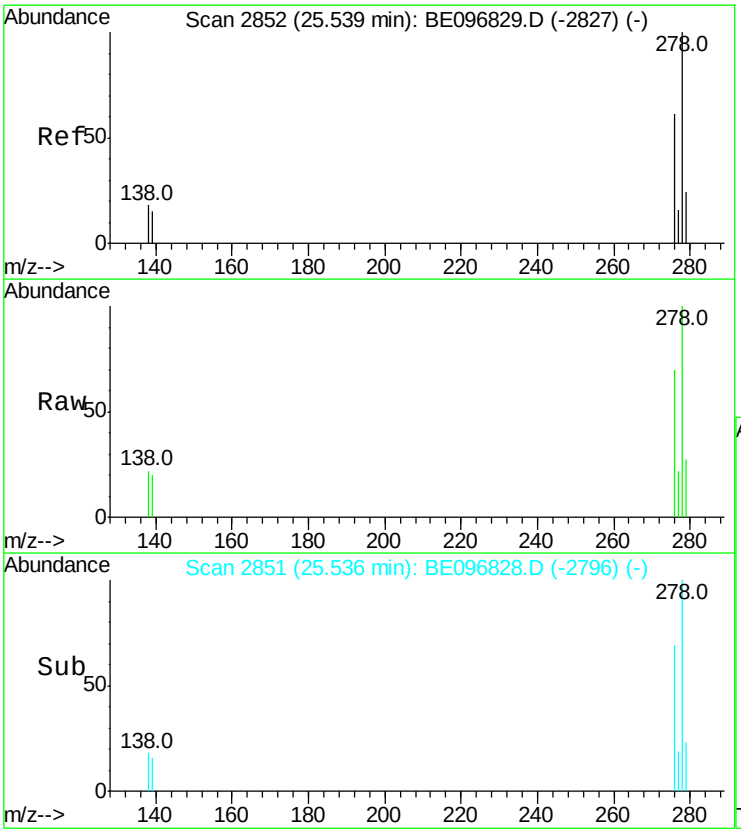
#37
Benzo(a)pyrene
Concen: 0.172 ng
RT: 23.11 min Scan# 2176
Delta R.T. -0.00 min
Lab File: BE096828.D
Acq: 20 Jun 2018 10:23

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 4718

Ion	Ratio	Lower	Upper
252	100		
253	23.7	16.0	24.0
125	14.5	12.0	18.0

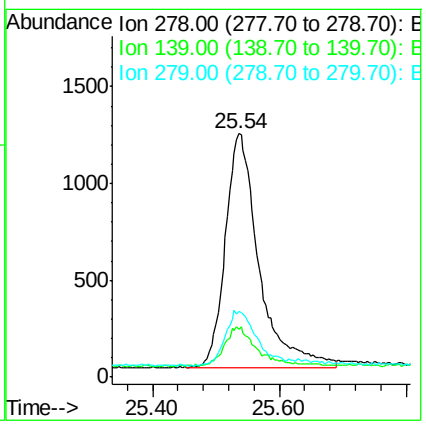


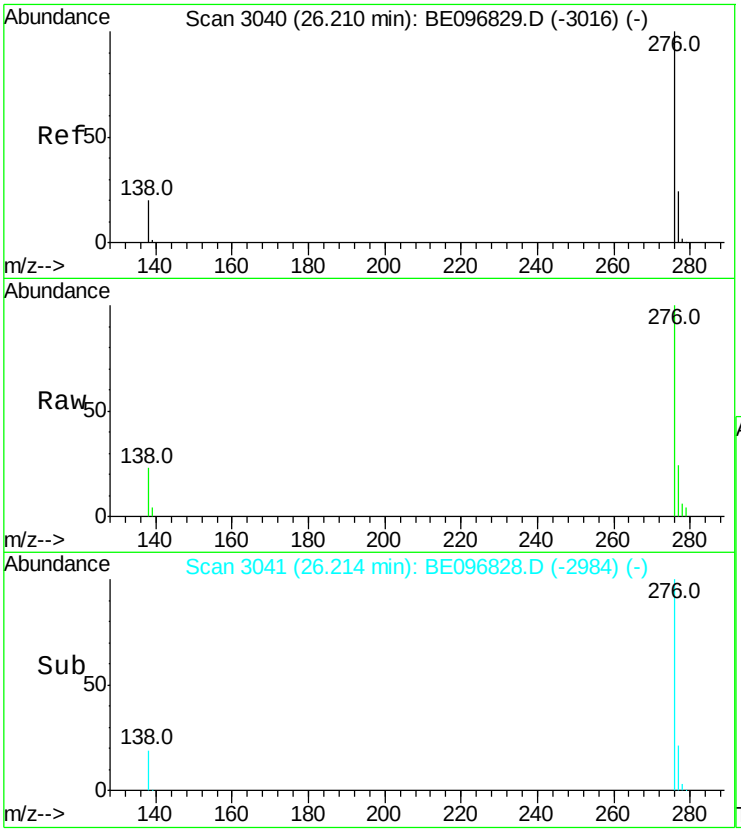


#38
Dibenzo(a,h)anthracene
Concen: 0.171 ng
RT: 25.54 min Scan# 2851
Delta R.T. -0.00 min
Lab File: BE096828.D
Acq: 20 Jun 2018 10:23

Tgt Ion:278 Resp: 4496

Ion	Ratio	Lower	Upper
278	100		
139	19.6	16.0	24.0
279	26.9	20.0	30.0





#39
Benzo(g,h,i)perylene
Concen: 0.183 ng
RT: 26.21 min Scan# 3041
Delta R.T. 0.00 min
Lab File: BE096828.D
Acq: 20 Jun 2018 10:23

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 5330

Ion	Ratio	Lower	Upper
276	100		
277	24.0	16.0	24.0#
138	22.7	20.0	30.0