Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE062618\
Data File : BE096848.D
Acq On : 26 Jun 2018 12:20
Operator : SJ/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId :

Quant Time: Jun 27 02:26:13 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 15:45:14 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.40	152	2870	0.40	ng		0.00
7) Naphthalene-d8	10.16	136	14132	0.40	ng		0.00
13) Acenaphthene-d10	14.03	164	7635	0.40	ng		0.00
19) Phenanthrene-d10	16.78	188	19796	0.40	ng		0.00
27) Chrysene-d12	20.98	240	16663	0.40	ng		0.00
34) Perylene-d12	23.21	264	15013	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.05	112	2247	0.35	ng		0.00
5) Phenol-d6	6.60	99	3413	0.36	ng		0.00
8) Nitrobenzene-d5	8.53	82	3084	0.36	ng		0.00
11) 2-Methylnaphthalene-d10	11.73	152	7840	0.39	ng		0.00
14) 2,4,6-Tribromophenol	15.52	330	562	0.37	ng		0.00
15) 2-Fluorobiphenyl	12.64	172	11322	0.41	ng		0.00
25) Fluoranthene-d10	18.81	212	65034	0.37	ng		0.00
29) Terphenyl-d14	19.43	244	12656	0.39	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.10	88	1582	0.368	ng	#	88
3) n-Nitrosodimethylamine	3.38	42	1735	0.381	ng	#	90
6) bis(2-Chloroethyl)ether	6.84	93	4017	0.383	ng		98
9) Naphthalene	10.20	128	50297	0.392	ng		99
10) Hexachlorobutadiene	10.50	225	2185	0.409	ng		96
12) 2-Methylnaphthalene	11.81	142	8292	0.390	ng		99
16) Acenaphthylene	13.74	152	12727	0.384	ng		100
17) Acenaphthene	14.08	154	8565	0.391	ng		95
18) Fluorene	15.08	166	9844	0.383	ng	#	81
20) 4-Bromophenyl-phenylether	15.99	248	3528	0.395	ng	#	78
21) Hexachlorobenzene	16.08	284	4164	0.409	ng	#	80
22) Pentachlorophenol	16.43	266	523	0.356	ng	#	78
23) Phenanthrene	16.81	178	19429	0.399	ng		98
24) Anthracene	16.91	178	15304	0.380	ng		96
26) Fluoranthene	18.84	202	19634	0.399	ng		99
28) Pyrene	19.21	202	19129	0.397	ng		98
30) Benzo(a)anthracene	20.97	228	13396	0.363	ng		95
31) Chrysene	21.02	228	17262	0.379	ng		99
32) Bis(2-ethylhexyl)phthalate	20.93	149	11037	0.334	ng		99
33) Indeno(1,2,3-cd)pyrene	25.50	276	12613	0.372	ng		94
35) Benzo(b)fluoranthene	22.54	252	12749	0.311	ng	#	89
36) Benzo(k)fluoranthene	22.58	252	15416	0.352	ng		95
37) Benzo(a)pyrene	23.11	252	10637	0.327	ng		94
38) Dibenzo(a,h)anthracene	25.53	278	10288	0.343	ng		96
39) Benzo(g,h,i)perylene	26.20	276	11923	0.328	ng	#	93

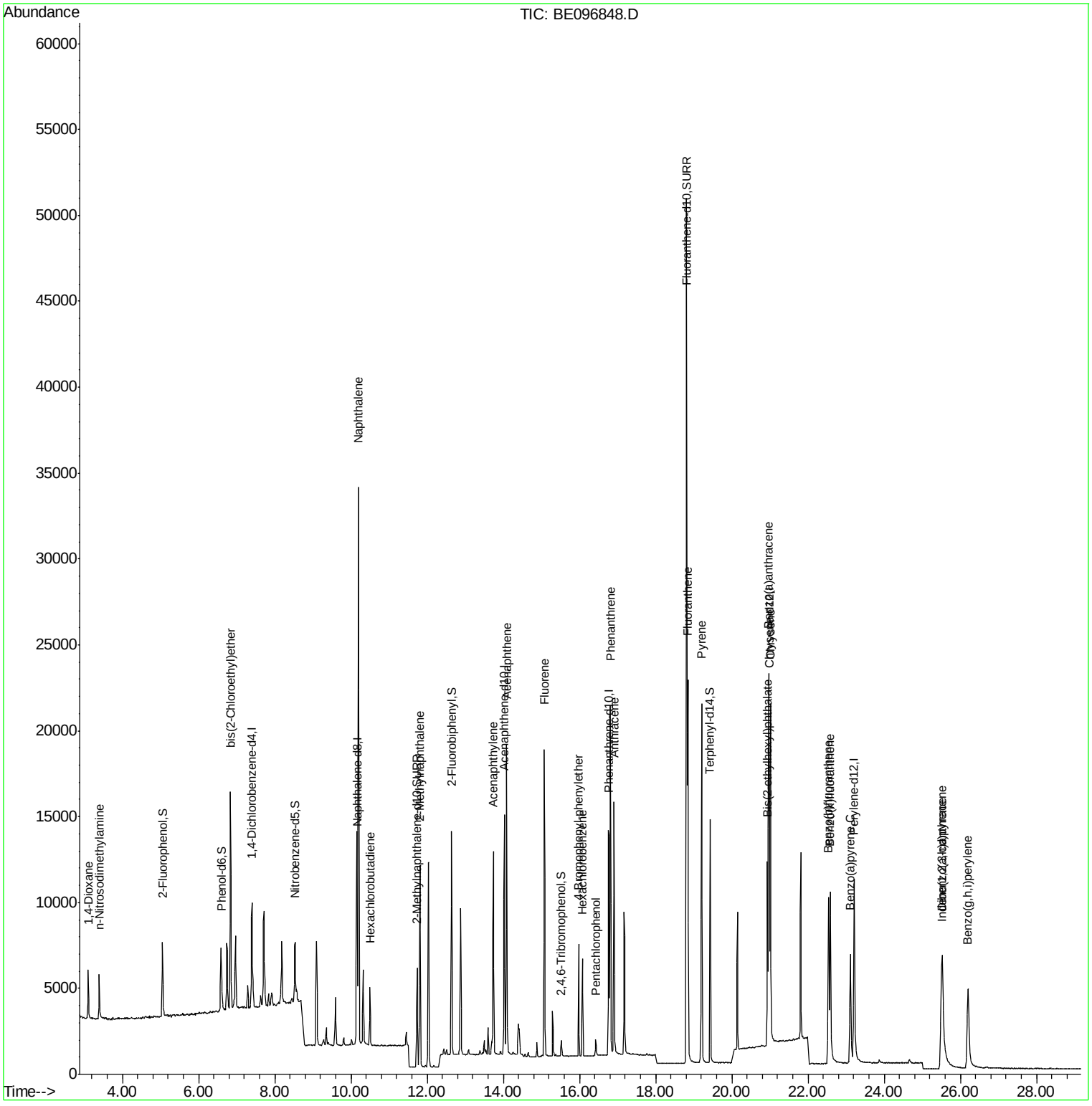
(#) = qualifier out of range (m) = manual integration (+) = signals summed

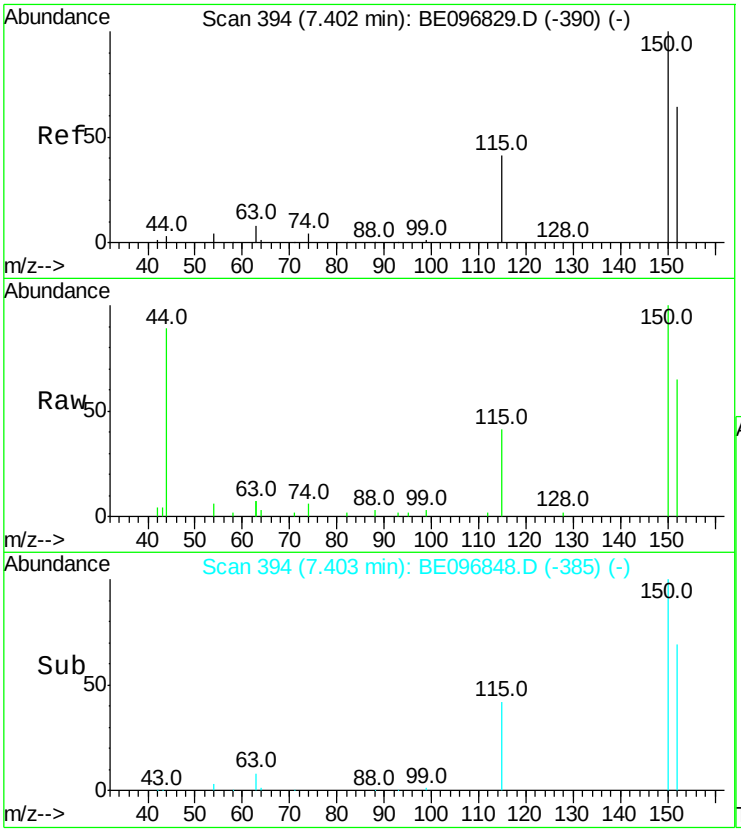
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE062618\
Data File : BE096848.D
Acq On : 26 Jun 2018 12:20
Operator : SJ/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :

Quant Time: Jun 27 02:26:13 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 15:45:14 2018
Response via : Initial Calibration



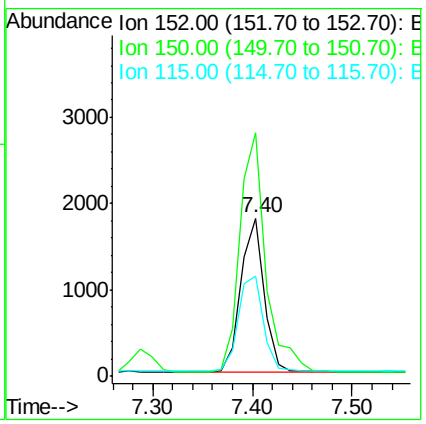


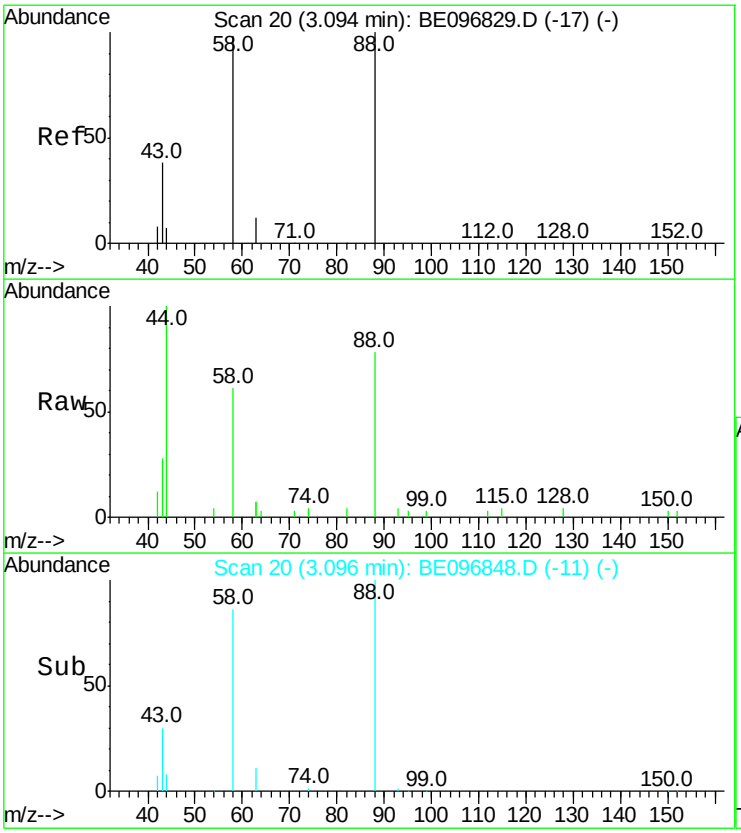
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.40 min Scan# 394
Delta R.T. 0.00 min
Lab File: BE096848.D
Acq: 26 Jun 2018 12:20

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 2870

Ion	Ratio	Lower	Upper
152	100		
150	153.9	117.2	175.8
115	63.3	57.0	85.6

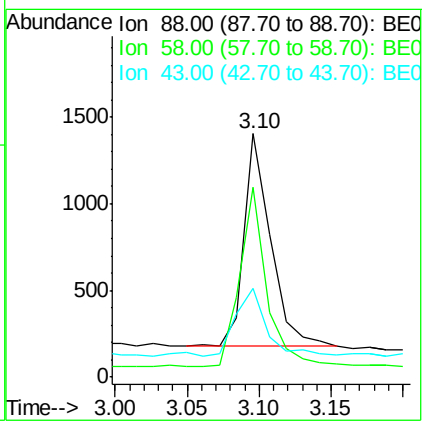


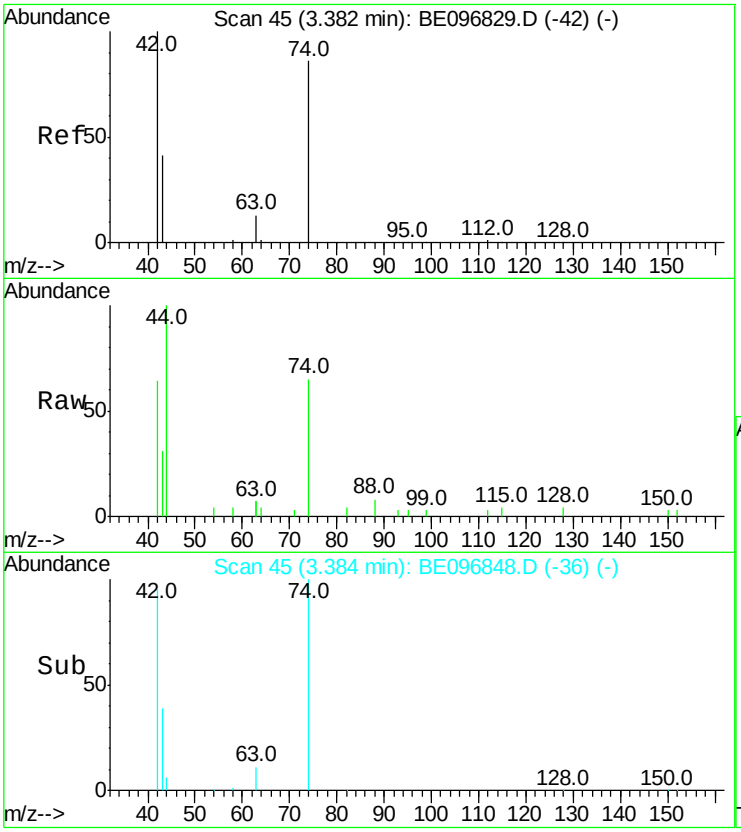


#2
1,4-Dioxane
Concen: 0.368 ng
RT: 3.10 min Scan# 20
Delta R.T. 0.00 min
Lab File: BE096848.D
Acq: 26 Jun 2018 12:20

Tgt Ion: 88 Resp: 1582

Ion	Ratio	Lower	Upper
88	100		
58	85.9	63.2	94.8
43	38.9	41.2	61.8#



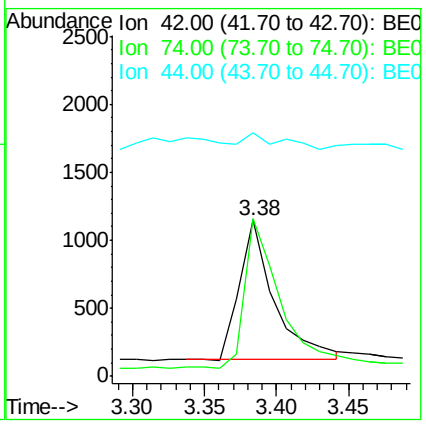


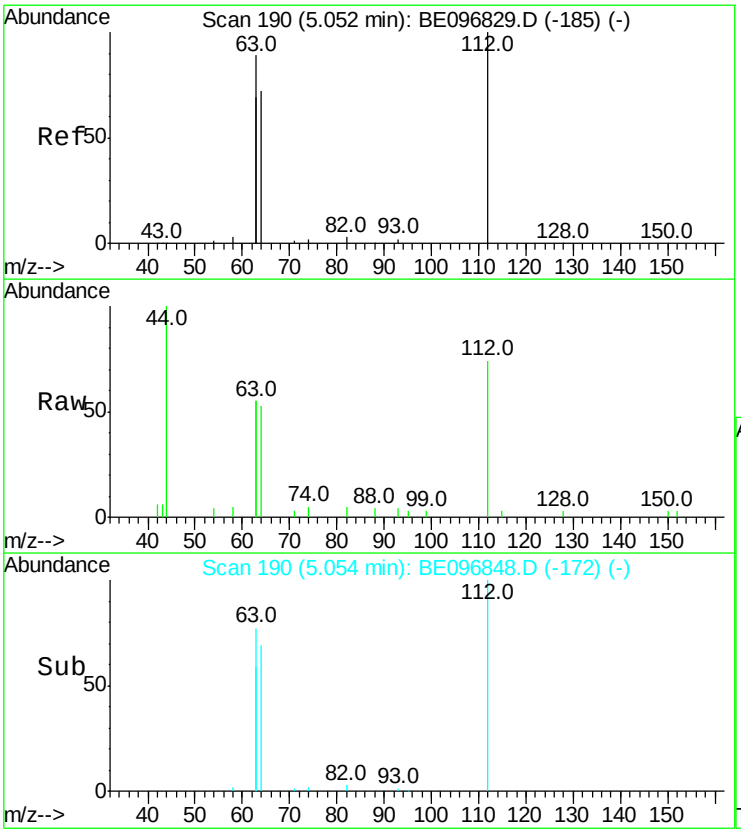
#3
n-Nitrosodimethylamine
Concen: 0.381 ng
RT: 3.38 min Scan# 45
Delta R.T. 0.00 min
Lab File: BE096848.D
Acq: 26 Jun 2018 12:20

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 42 Resp: 1735

Ion	Ratio	Lower	Upper
42	100		
74	108.8	96.0	144.0
44	10.8	12.0	18.0#

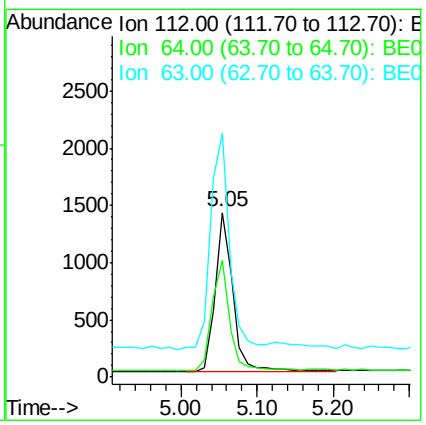


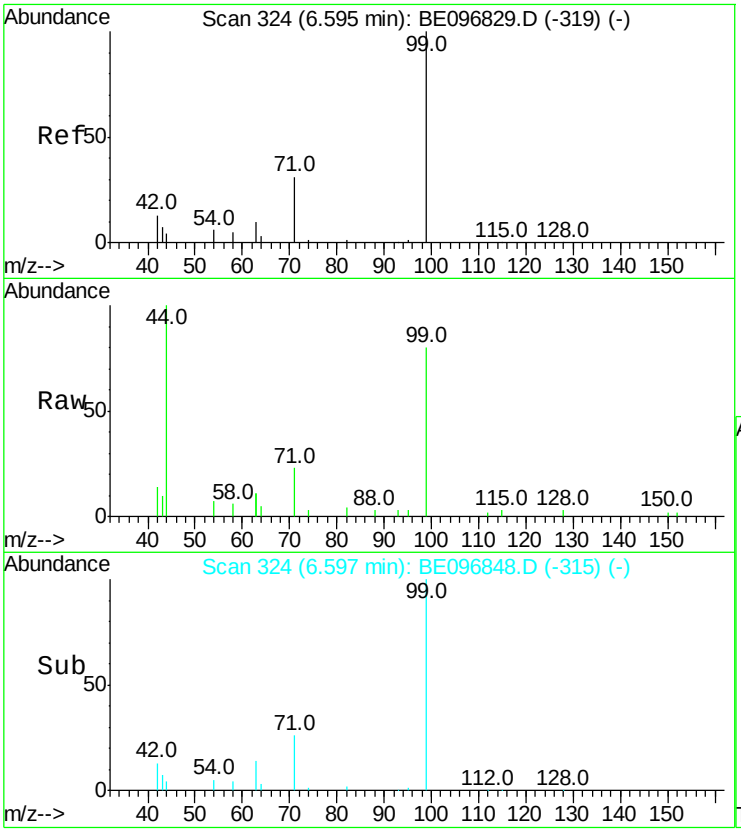


#4
2-Fluorophenol
Concen: 0.350 ng
RT: 5.05 min Scan# 190
Delta R.T. 0.00 min
Lab File: BE096848.D
Acq: 26 Jun 2018 12:20

Tgt Ion:112 Resp: 2247

Ion	Ratio	Lower	Upper
112	100		
64	68.4	60.1	90.1
63	143.9	116.8	175.2



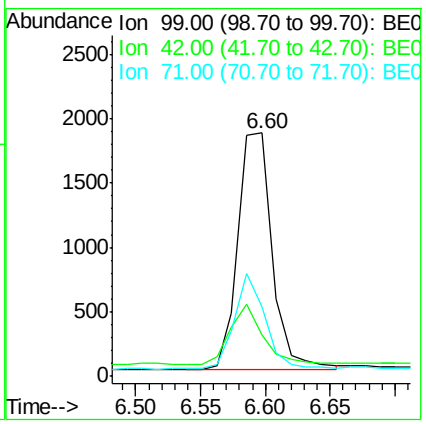


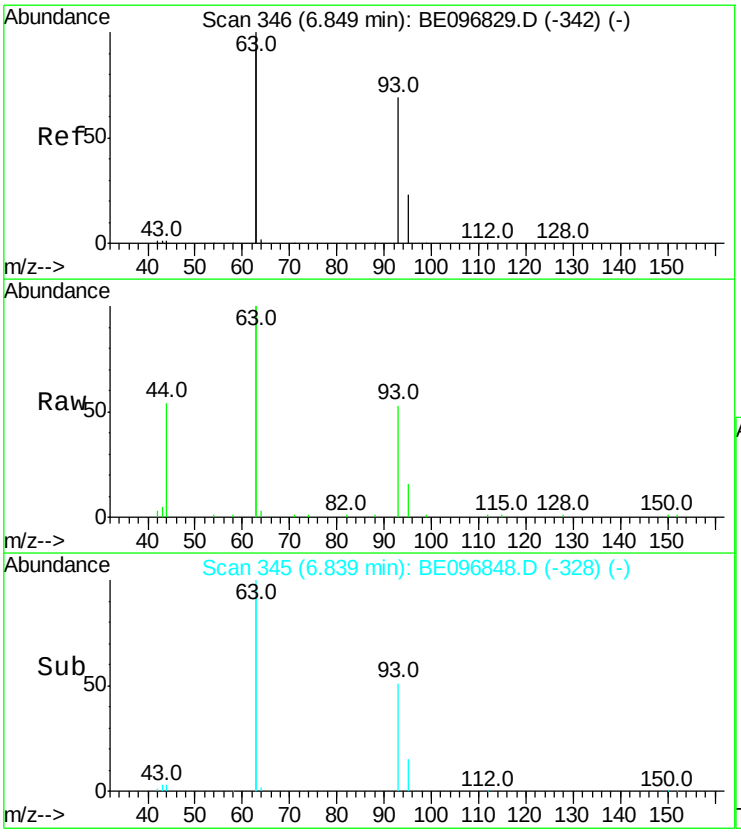
#5
Phenol-d6
Concen: 0.357 ng
RT: 6.60 min Scan# 324
Delta R.T. 0.00 min
Lab File: BE096848.D
Acq: 26 Jun 2018 12:20

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 99 Resp: 3413

Ion	Ratio	Lower	Upper
99	100		
42	24.7	20.2	30.2
71	36.0	28.4	42.6

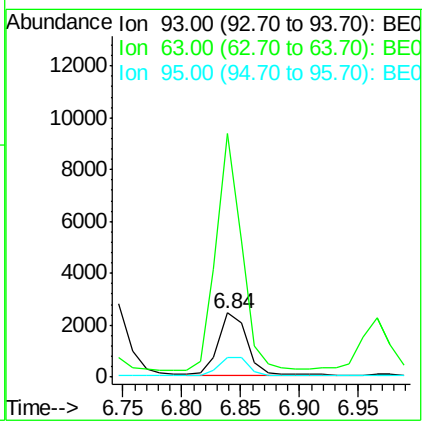


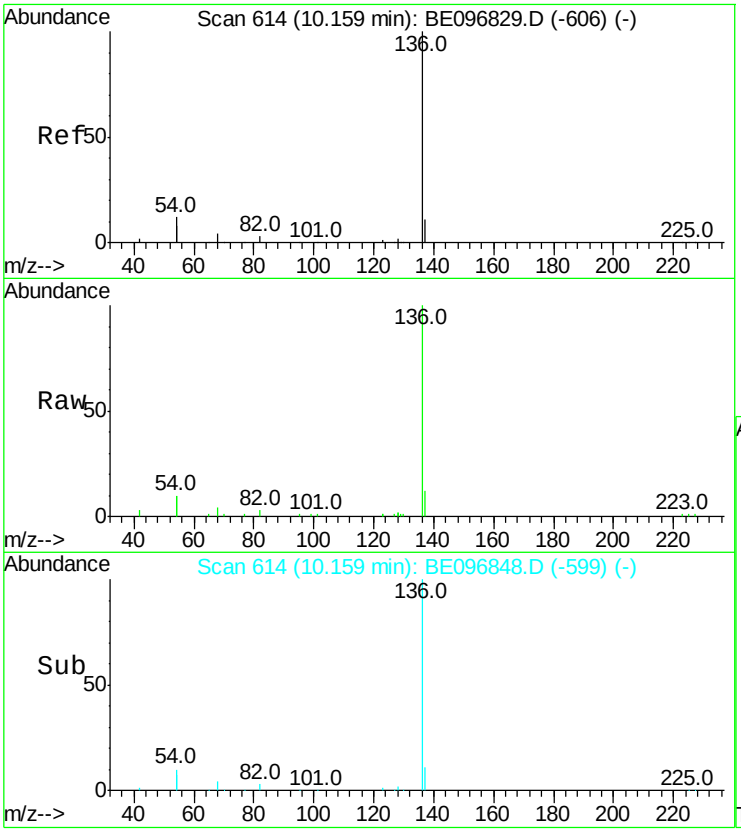


#6
bis(2-Chloroethyl)ether
Concen: 0.383 ng
RT: 6.84 min Scan# 345
Delta R.T. -0.01 min
Lab File: BE096848.D
Acq: 26 Jun 2018 12:20

Tgt Ion: 93 Resp: 4017

Ion	Ratio	Lower	Upper
93	100		
63	339.8	275.3	412.9
95	31.7	25.2	37.8



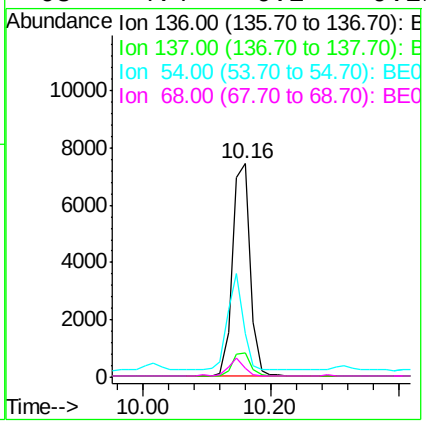


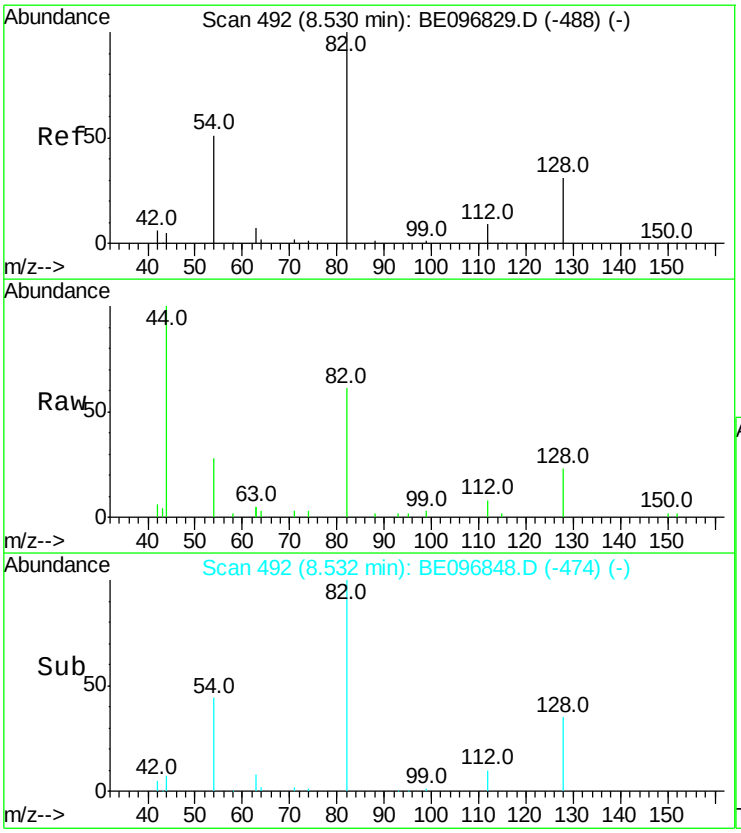
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.16 min Scan# 614
Delta R.T. 0.00 min
Lab File: BE096848.D
Acq: 26 Jun 2018 12:20

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:136 Resp: 14132

Ion	Ratio	Lower	Upper
136	100		
137	11.7	9.5	14.3
54	20.5	29.1	43.7#
68	4.4	6.2	9.2#

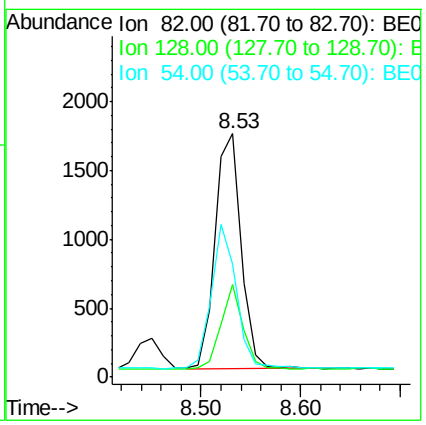


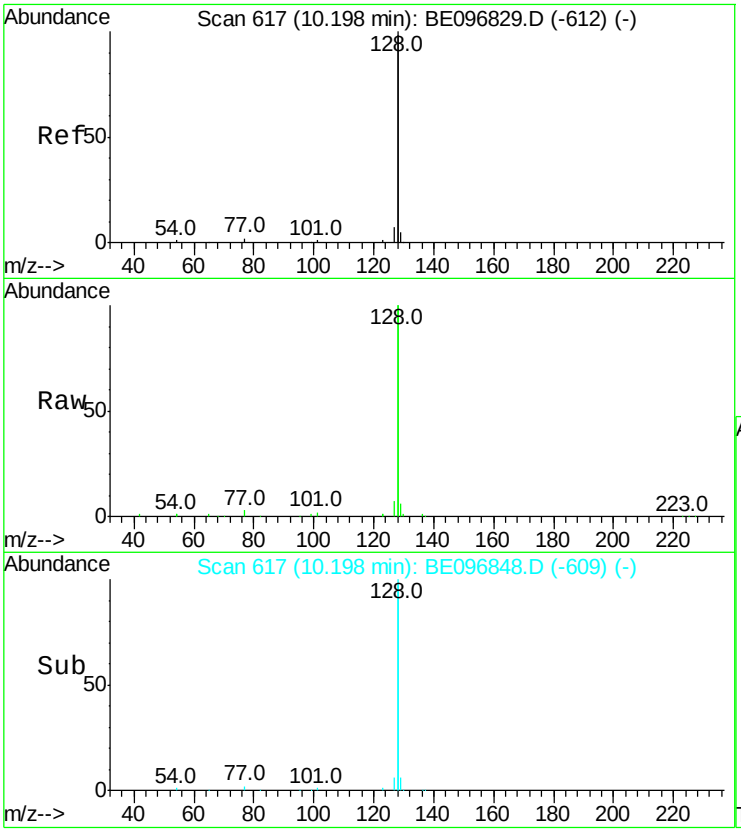


#8
Nitrobenzene-d5
Concen: 0.360 ng
RT: 8.53 min Scan# 492
Delta R.T. 0.00 min
Lab File: BE096848.D
Acq: 26 Jun 2018 12:20

Tgt Ion: 82 Resp: 3084

Ion	Ratio	Lower	Upper
82	100		
128	37.8	24.0	36.0#
54	46.5	40.0	60.0



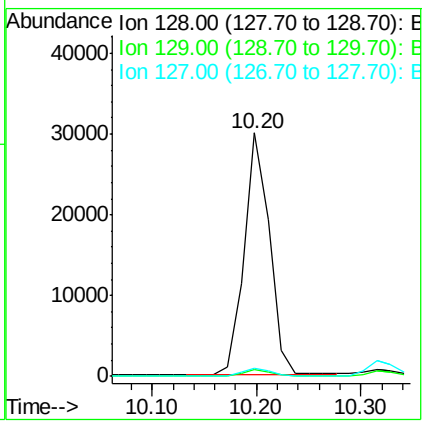


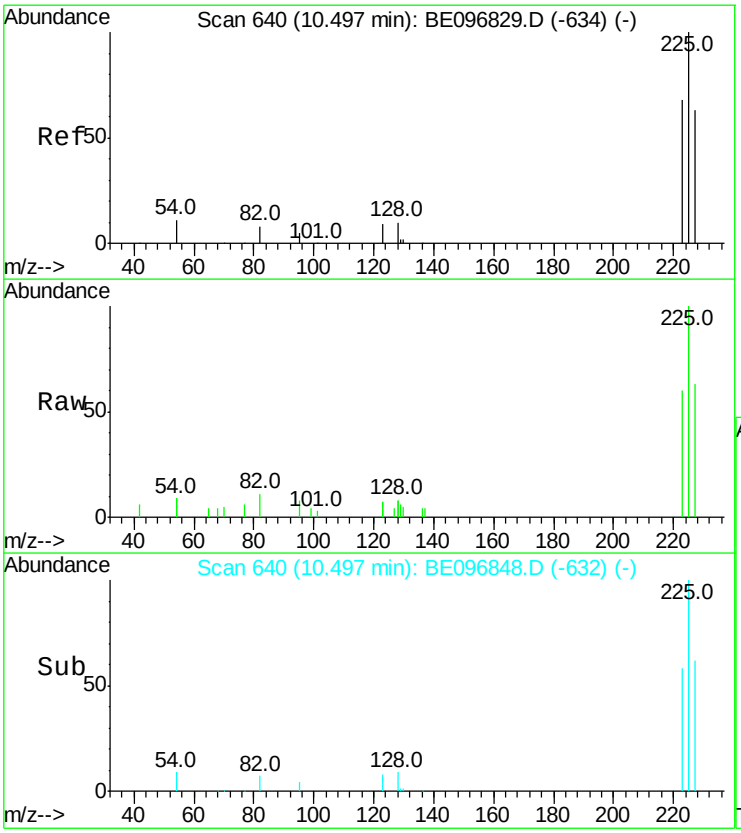
#9
Naphthalene
Concen: 0.392 ng
RT: 10.20 min Scan# 617
Delta R.T. 0.00 min
Lab File: BE096848.D
Acq: 26 Jun 2018 12:20

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:128 Resp: 50297

Ion	Ratio	Lower	Upper
128	100		
129	2.9	2.6	3.8
127	3.4	2.8	4.2

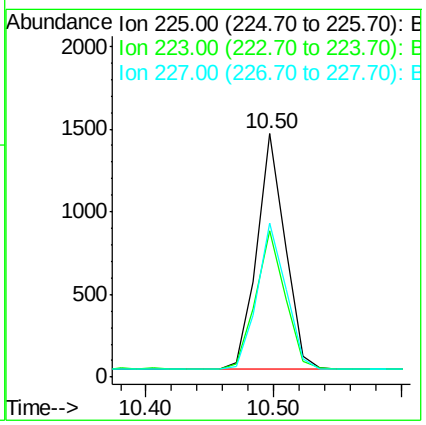


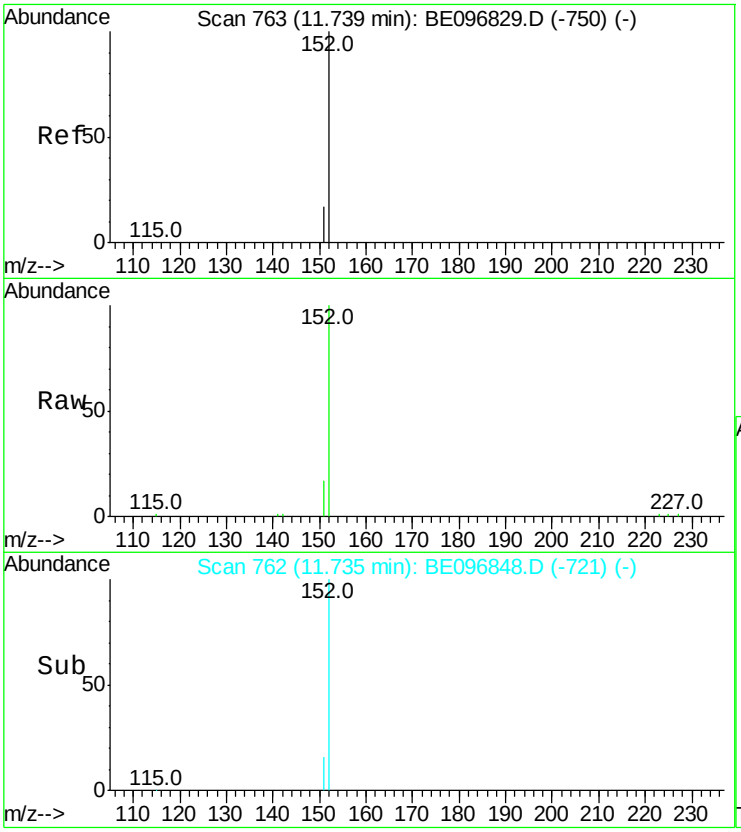


#10
Hexachlorobutadiene
Concen: 0.409 ng
RT: 10.50 min Scan# 640
Delta R.T. 0.00 min
Lab File: BE096848.D
Acq: 26 Jun 2018 12:20

Tgt Ion:225 Resp: 2185

Ion	Ratio	Lower	Upper
225	100		
223	60.2	53.0	79.6
227	63.3	51.4	77.2



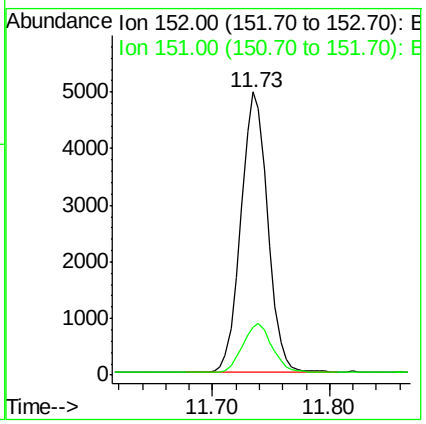


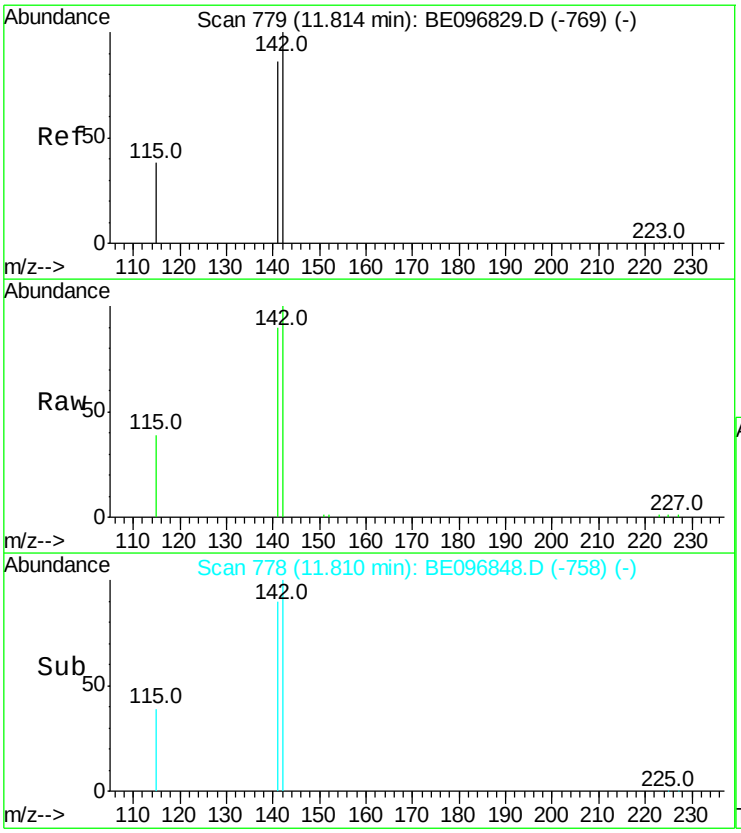
#11
2-Methylnaphthalene-d10
Concen: 0.386 ng
RT: 11.73 min Scan# 762
Delta R.T. -0.00 min
Lab File: BE096848.D
Acq: 26 Jun 2018 12:20

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 7840

Ion	Ratio	Lower	Upper
152	100		
151	19.1	15.4	23.0

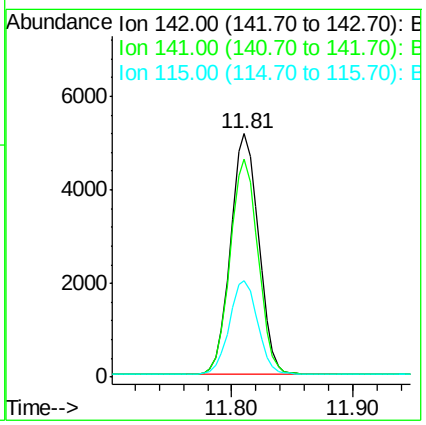


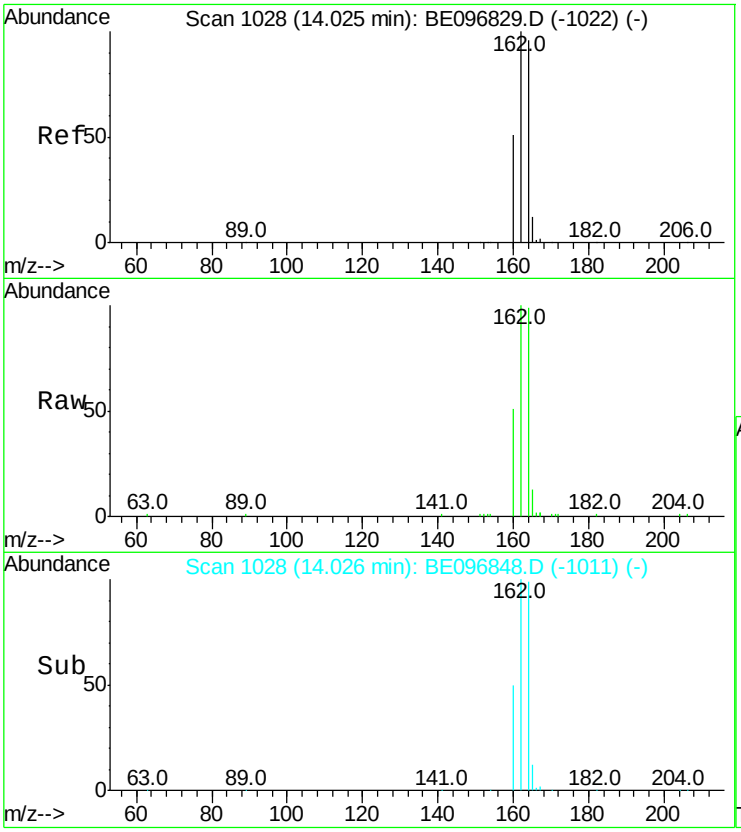


#12
2-Methylnaphthalene
Concen: 0.390 ng
RT: 11.81 min Scan# 778
Delta R.T. -0.00 min
Lab File: BE096848.D
Acq: 26 Jun 2018 12:20

Tgt Ion:142 Resp: 8292

Ion	Ratio	Lower	Upper
142	100		
141	89.7	70.4	105.6
115	39.4	31.7	47.5



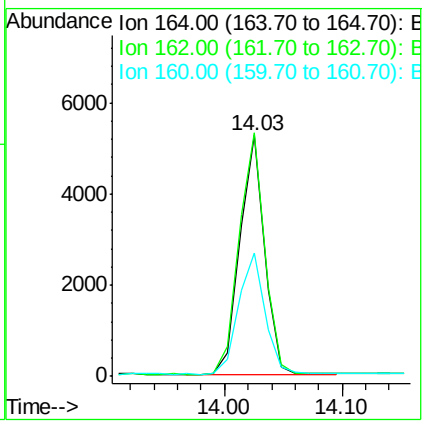


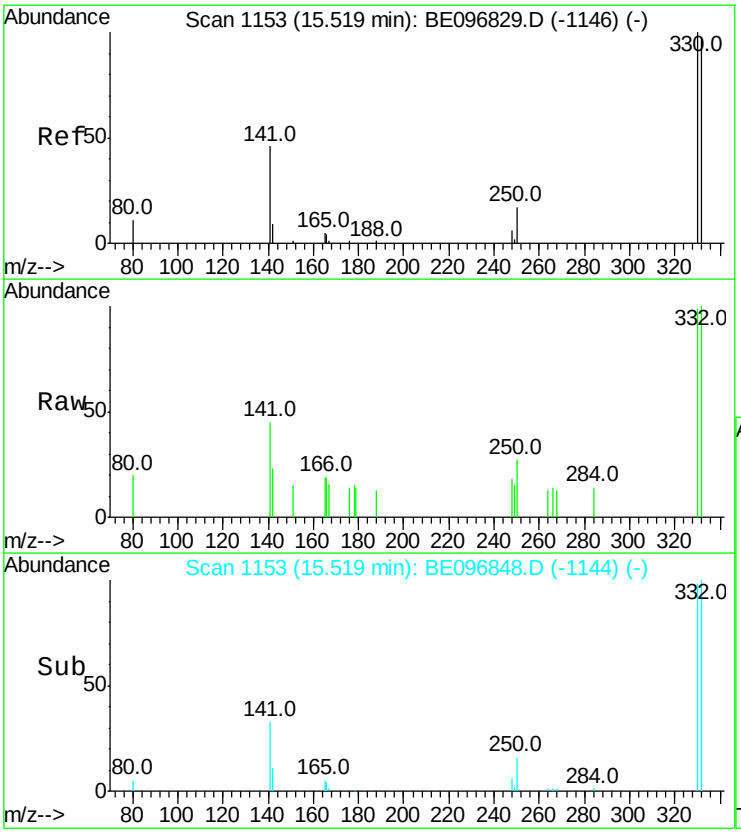
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.03 min Scan# 1028
Delta R.T. 0.00 min
Lab File: BE096848.D
Acq: 26 Jun 2018 12:20

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:164 Resp: 7635

Ion	Ratio	Lower	Upper
164	100		
162	101.0	83.1	124.7
160	51.1	37.1	55.7

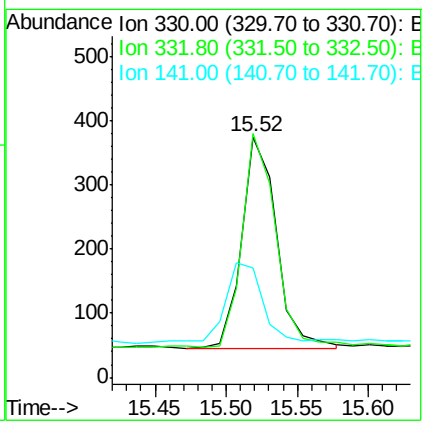


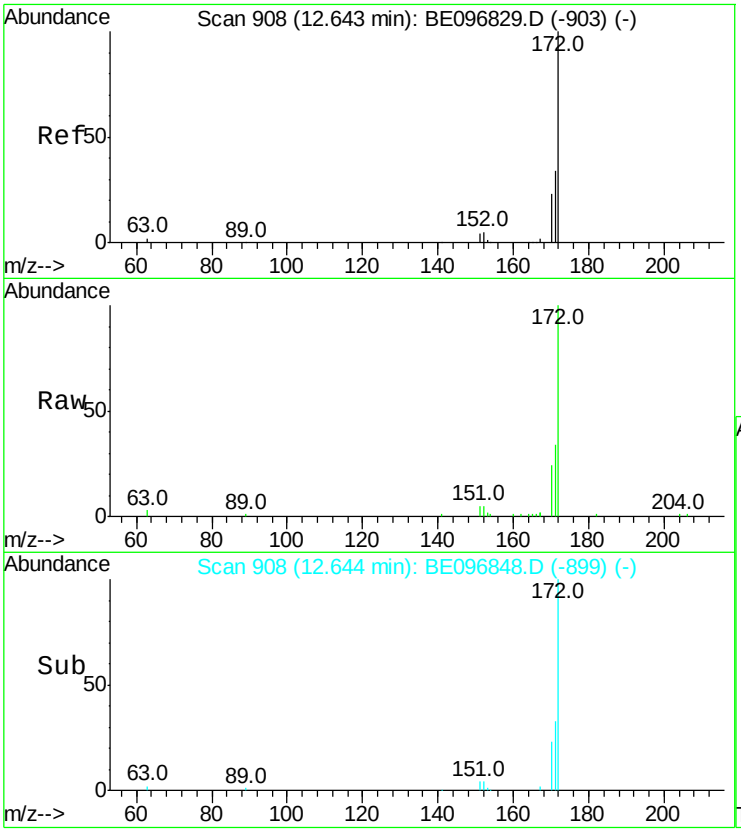


#14
2,4,6-Tribromophenol
Concen: 0.375 ng
RT: 15.52 min Scan# 1153
Delta R.T. 0.00 min
Lab File: BE096848.D
Acq: 26 Jun 2018 12:20

Tgt Ion:330 Resp: 562

Ion	Ratio	Lower	Upper
330	100		
332	96.3	152.7	229.1#
141	41.6	33.7	50.5



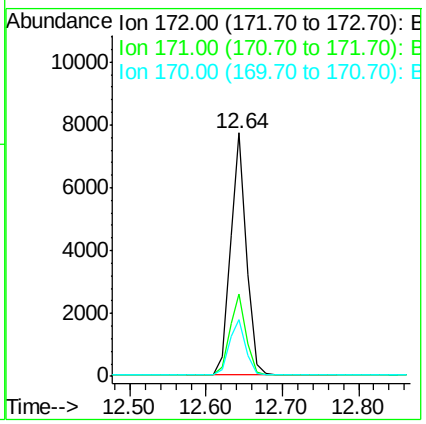


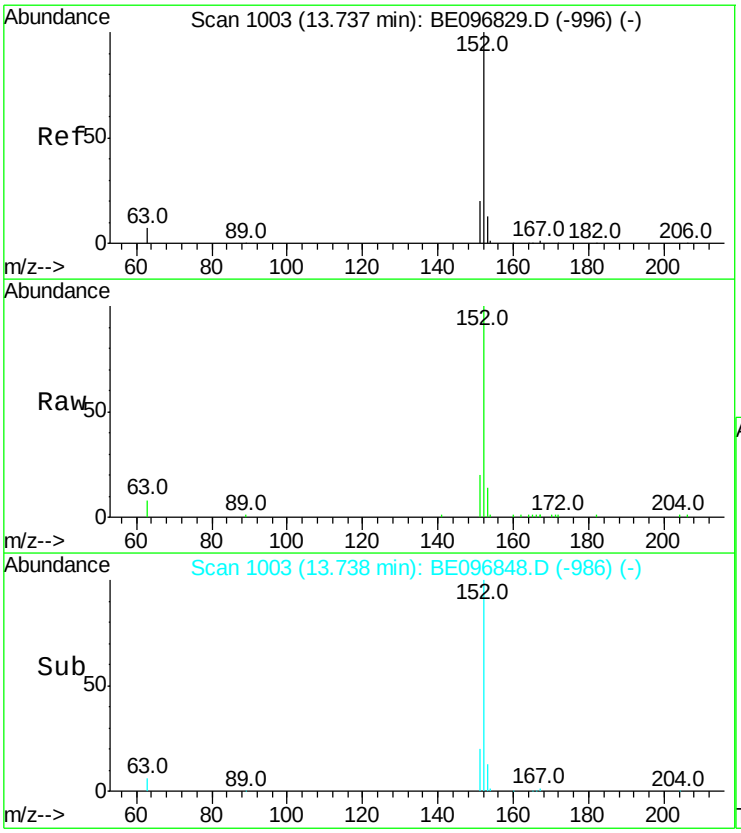
#15
2-Fluorobiphenyl
Concen: 0.405 ng
RT: 12.64 min Scan# 908
Delta R.T. 0.00 min
Lab File: BE096848.D
Acq: 26 Jun 2018 12:20

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:172 Resp: 11322

Ion	Ratio	Lower	Upper
172	100		
171	33.9	29.9	44.9
170	23.6	21.8	32.8

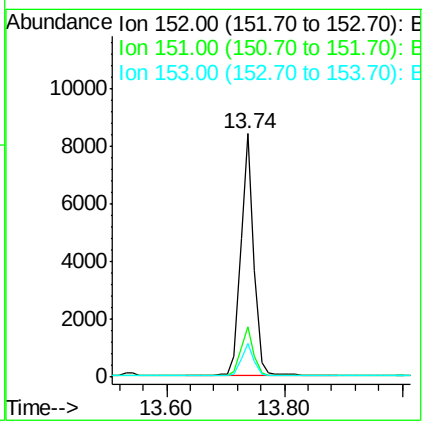


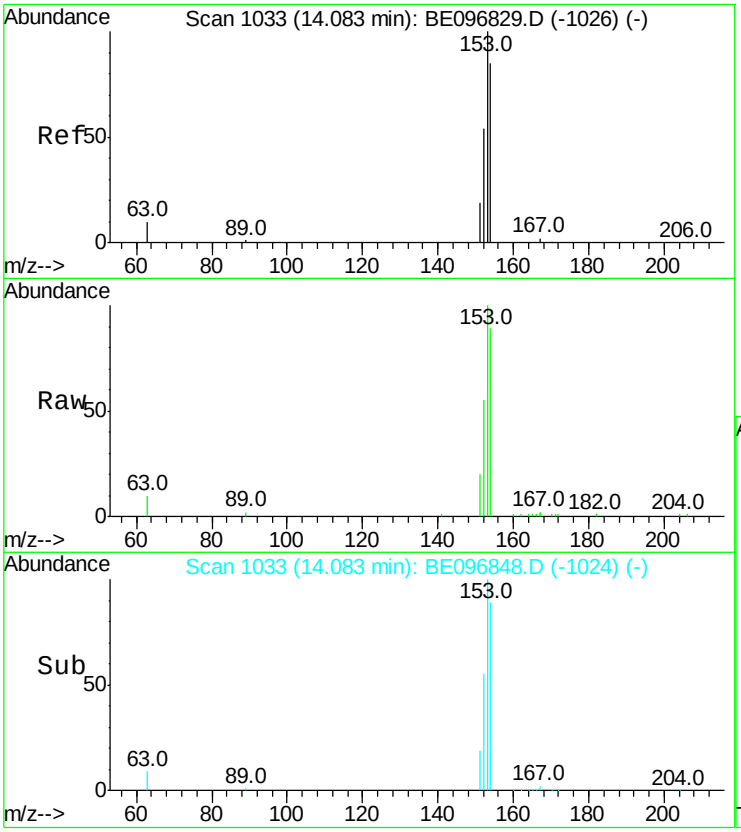


#16
Acenaphthylene
Concen: 0.384 ng
RT: 13.74 min Scan# 1003
Delta R.T. 0.00 min
Lab File: BE096848.D
Acq: 26 Jun 2018 12:20

Tgt Ion:152 Resp: 12727

Ion	Ratio	Lower	Upper
152	100		
151	19.7	15.7	23.5
153	13.0	10.5	15.7



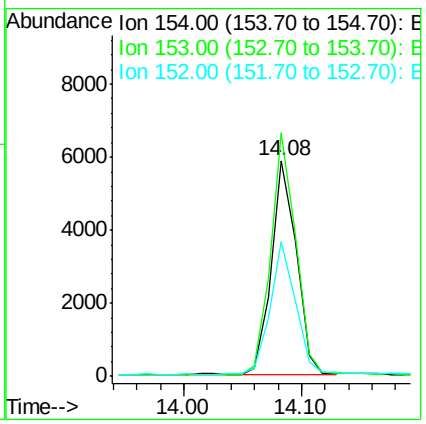


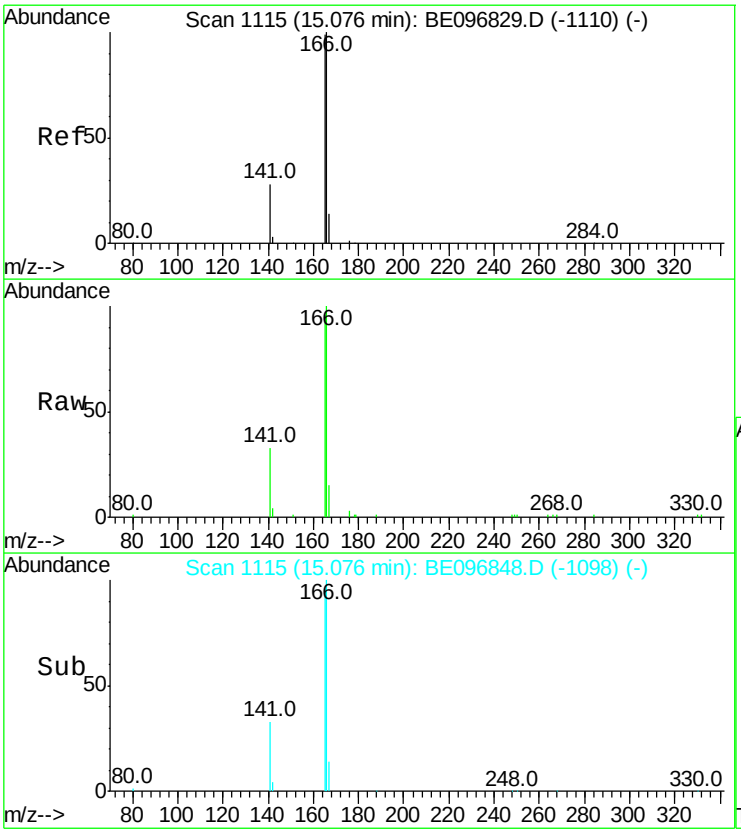
#17
Acenaphthene
Concen: 0.391 ng
RT: 14.08 min Scan# 1033
Delta R.T. 0.00 min
Lab File: BE096848.D
Acq: 26 Jun 2018 12:20

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:154 Resp: 8565

Ion	Ratio	Lower	Upper
154	100		
153	112.5	89.2	133.8
152	62.9	42.0	63.0

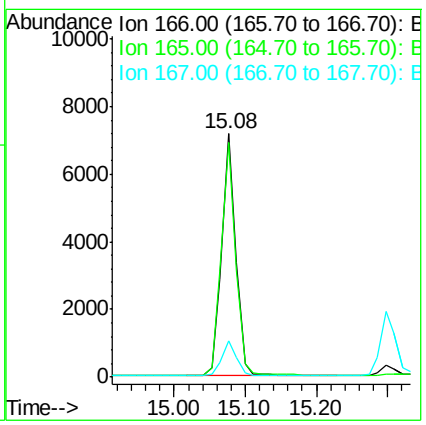


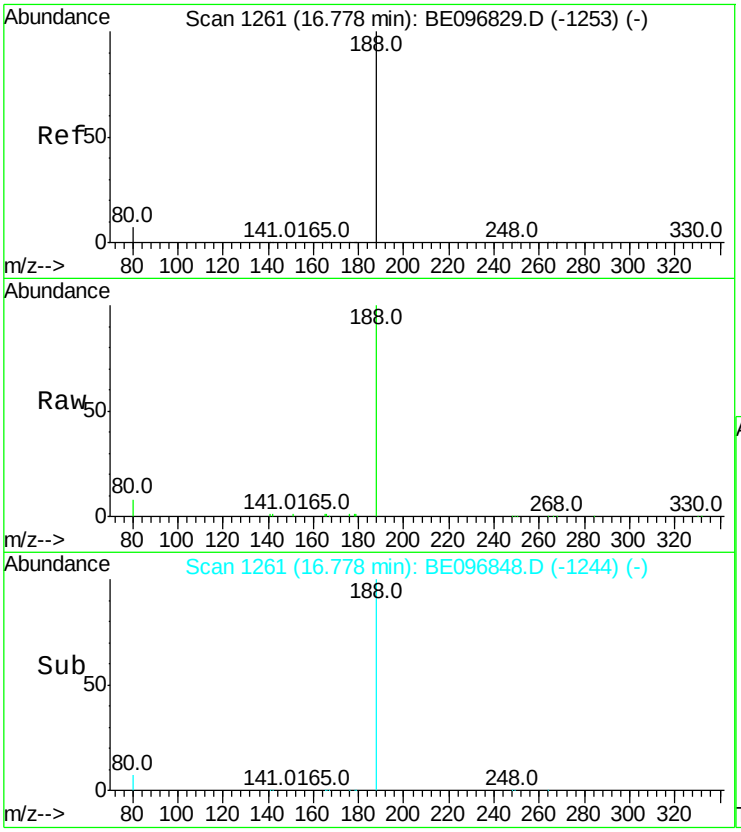


#18
Fluorene
Concen: 0.383 ng
RT: 15.08 min Scan# 1115
Delta R.T. -0.00 min
Lab File: BE096848.D
Acq: 26 Jun 2018 12:20

Tgt Ion:166 Resp: 9844

Ion	Ratio	Lower	Upper
166	100		
165	98.0	77.8	116.6
167	14.8	42.4	63.6#



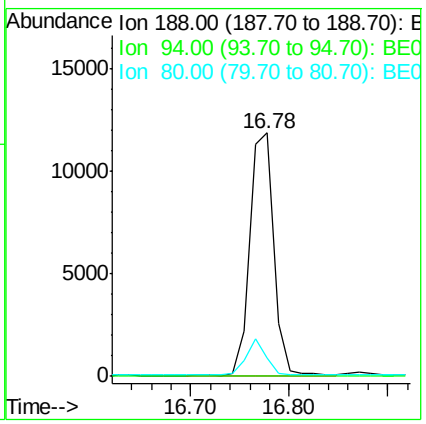


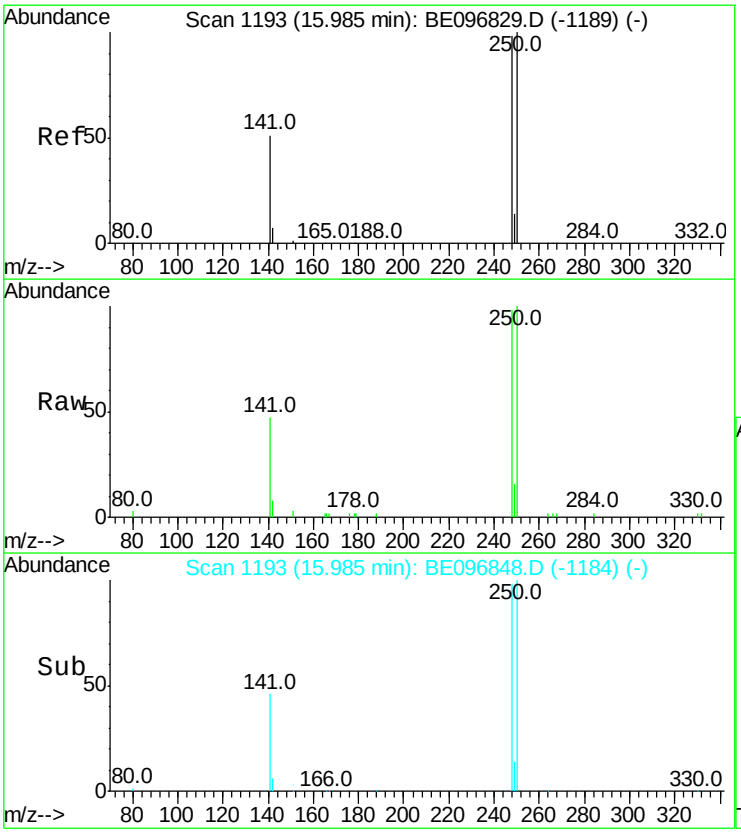
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.78 min Scan# 1261
Delta R.T. -0.00 min
Lab File: BE096848.D
Acq: 26 Jun 2018 12:20

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:188 Resp: 19796

Ion	Ratio	Lower	Upper
188	100		
94	0.0	3.9	5.9#
80	7.6	3.6	5.4#

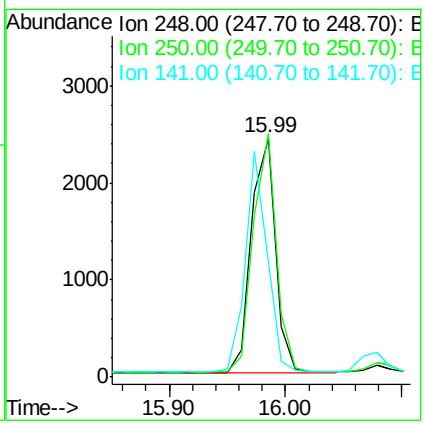


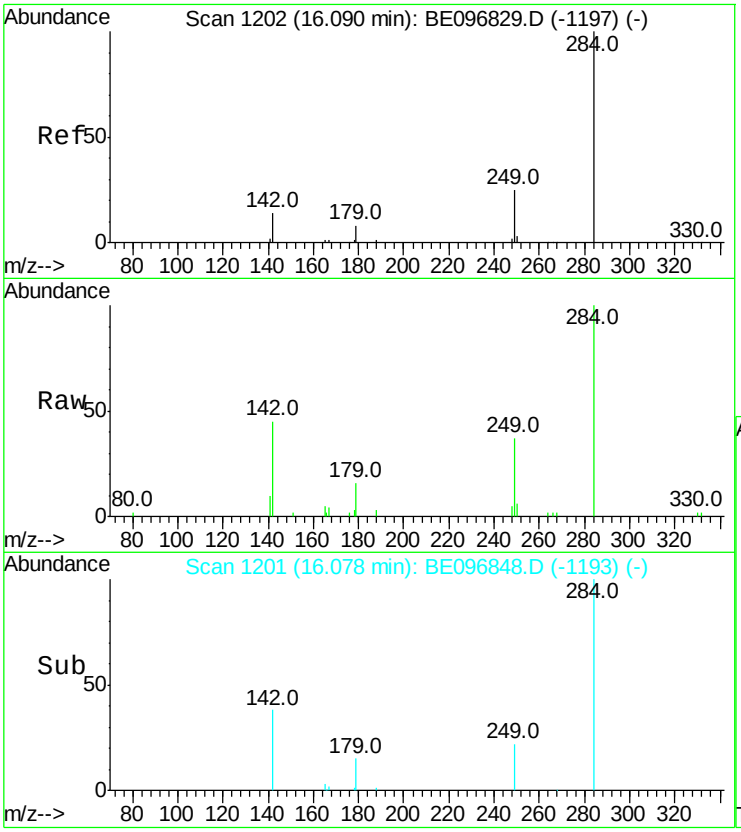


#20
4-Bromophenyl-phenylether
Concen: 0.395 ng
RT: 15.99 min Scan# 1193
Delta R.T. -0.00 min
Lab File: BE096848.D
Acq: 26 Jun 2018 12:20

Tgt Ion:248 Resp: 3528

Ion	Ratio	Lower	Upper
248	100		
250	101.8	62.7	94.1#
141	48.1	48.2	72.2#



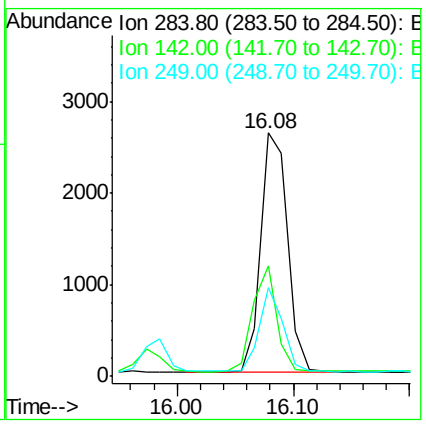


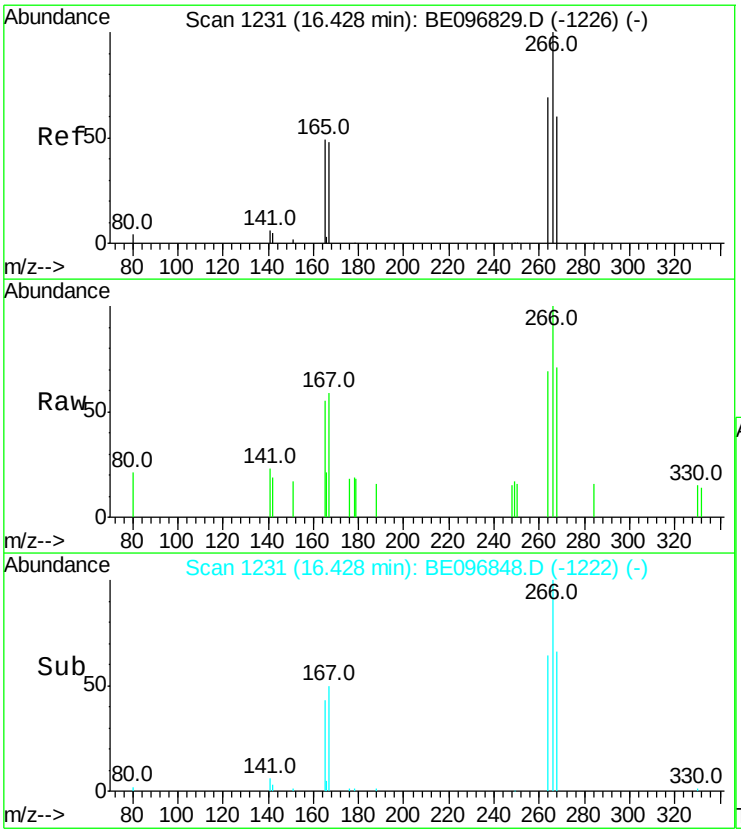
#21
Hexachlorobenzene
Concen: 0.409 ng
RT: 16.08 min Scan# 1201
Delta R.T. -0.01 min
Lab File: BE096848.D
Acq: 26 Jun 2018 12:20

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:284 Resp: 4164

Ion	Ratio	Lower	Upper
284	100		
142	39.5	22.1	33.1#
249	31.3	34.8	52.2#

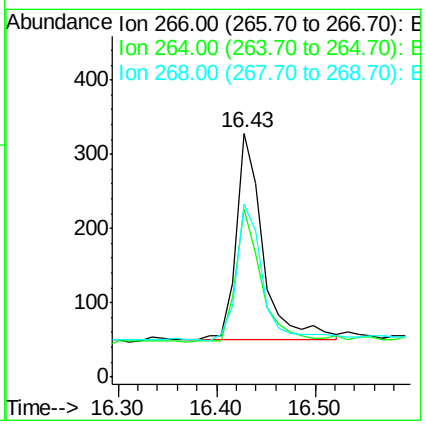


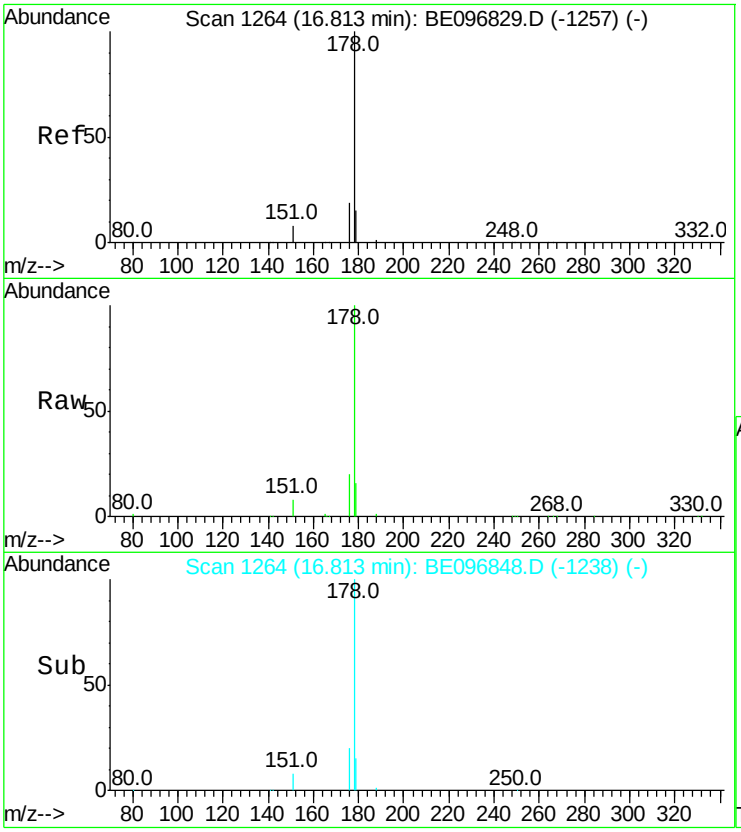


#22
Pentachlorophenol
Concen: 0.356 ng
RT: 16.43 min Scan# 1231
Delta R.T. -0.00 min
Lab File: BE096848.D
Acq: 26 Jun 2018 12:20

Tgt Ion:266 Resp: 523

Ion	Ratio	Lower	Upper
266	100		
264	69.2	72.5	108.7#
268	71.3	73.8	110.6#



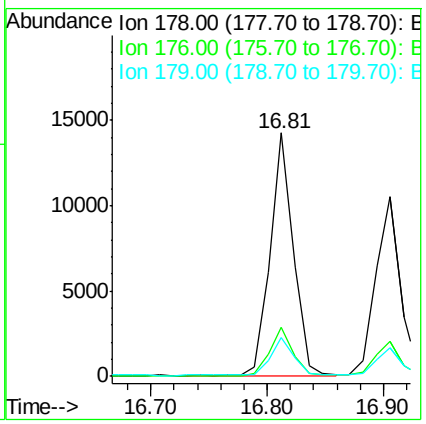


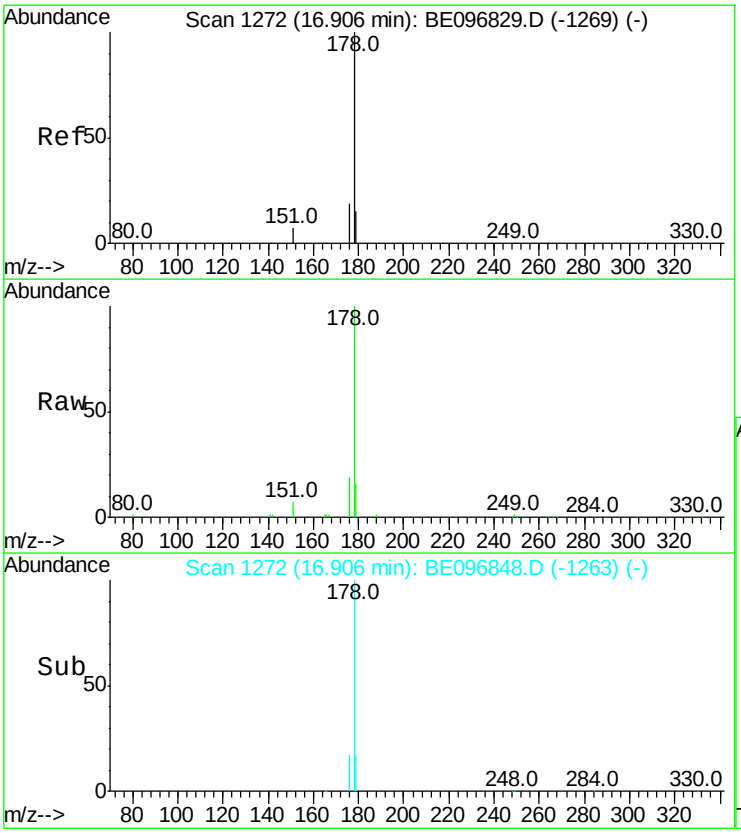
#23
Phenanthrene
Concen: 0.399 ng
RT: 16.81 min Scan# 1264
Delta R.T. -0.00 min
Lab File: BE096848.D
Acq: 26 Jun 2018 12:20

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:178 Resp: 19429

Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.1	22.7
179	15.6	11.8	17.6

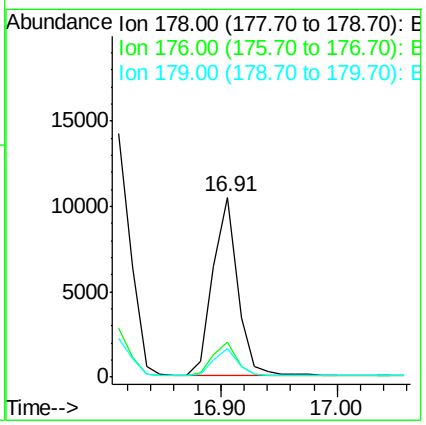


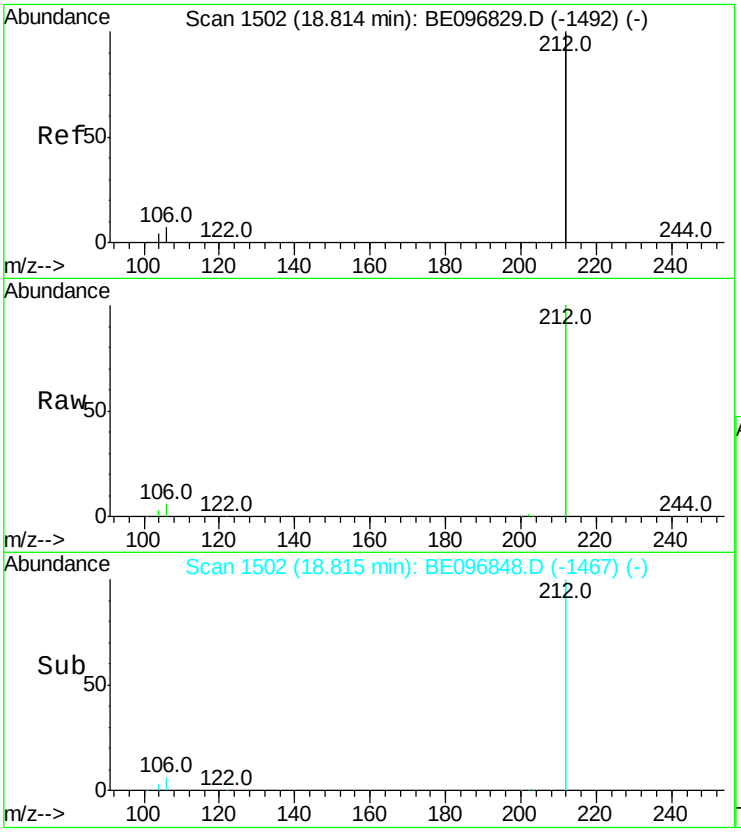


#24
Anthracene
Concen: 0.380 ng
RT: 16.91 min Scan# 1272
Delta R.T. -0.00 min
Lab File: BE096848.D
Acq: 26 Jun 2018 12:20

Tgt Ion:178 Resp: 15304

Ion	Ratio	Lower	Upper
178	100		
176	18.7	12.8	19.2
179	15.2	13.0	19.6



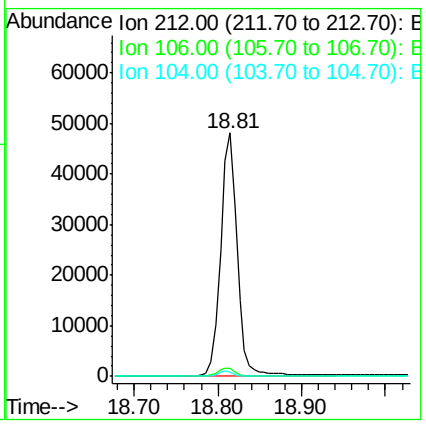


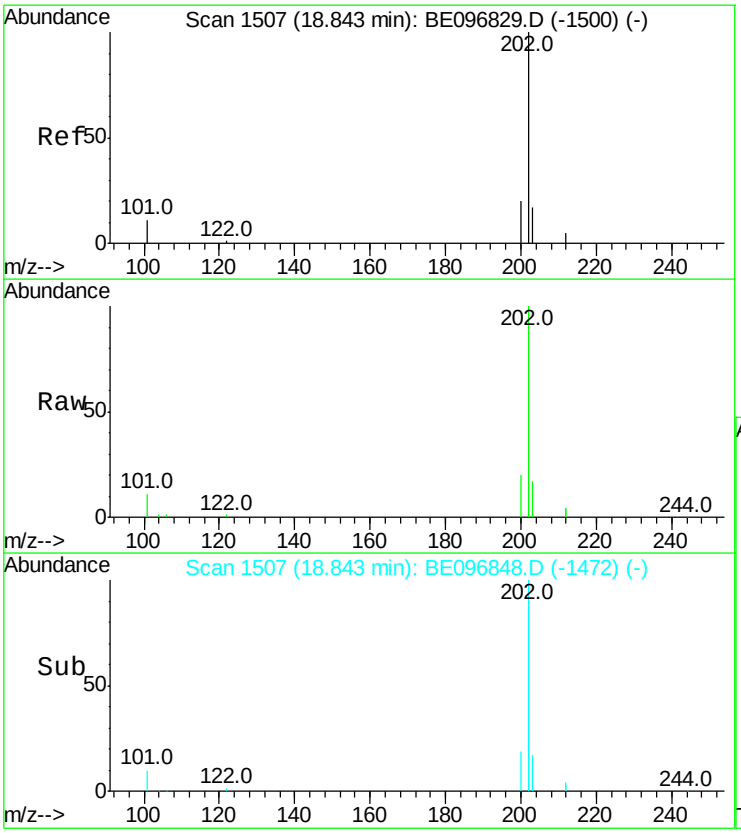
#25
Fluoranthene-d10
Concen: 0.373 ng
RT: 18.81 min Scan# 1502
Delta R.T. 0.00 min
Lab File: BE096848.D
Acq: 26 Jun 2018 12:20

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:212 Resp: 65034

Ion	Ratio	Lower	Upper
212	100		
106	3.5	2.8	4.2
104	2.0	1.6	2.4

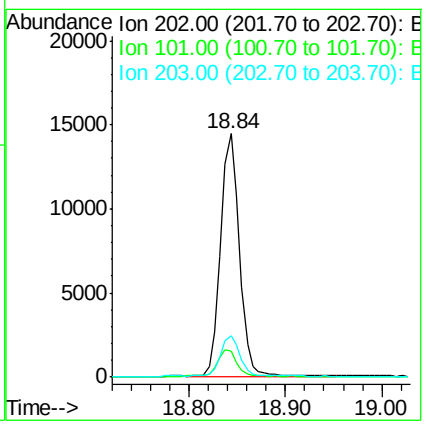


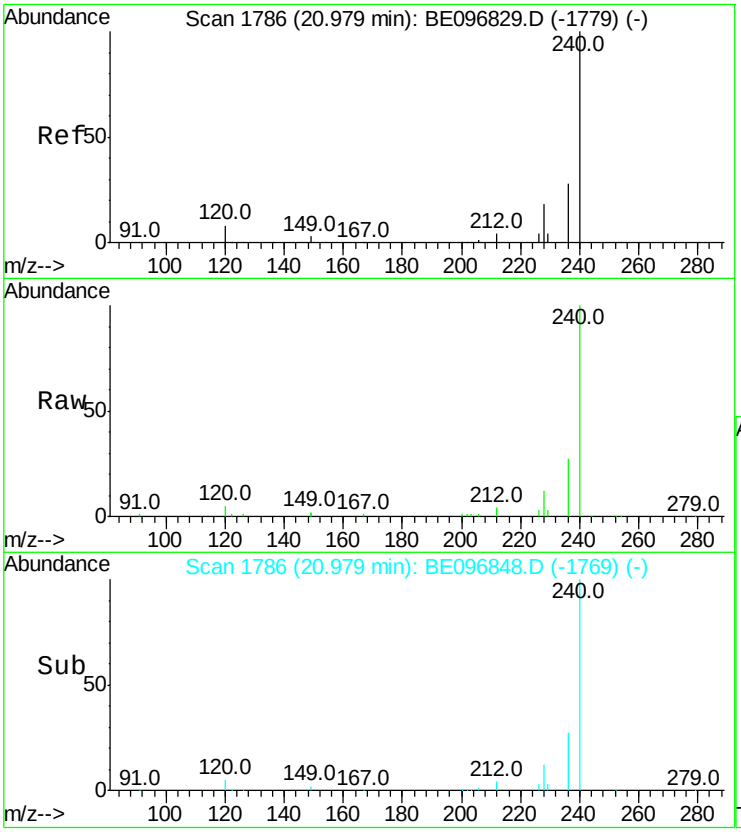


#26
Fluoranthene
Concen: 0.399 ng
RT: 18.84 min Scan# 1507
Delta R.T. 0.00 min
Lab File: BE096848.D
Acq: 26 Jun 2018 12:20

Tgt Ion:202 Resp: 19634

Ion	Ratio	Lower	Upper
202	100		
101	11.0	9.8	14.8
203	17.0	13.7	20.5



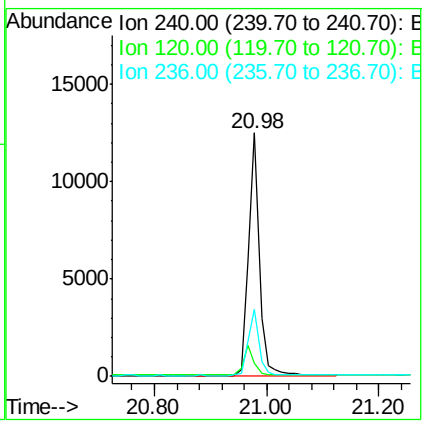


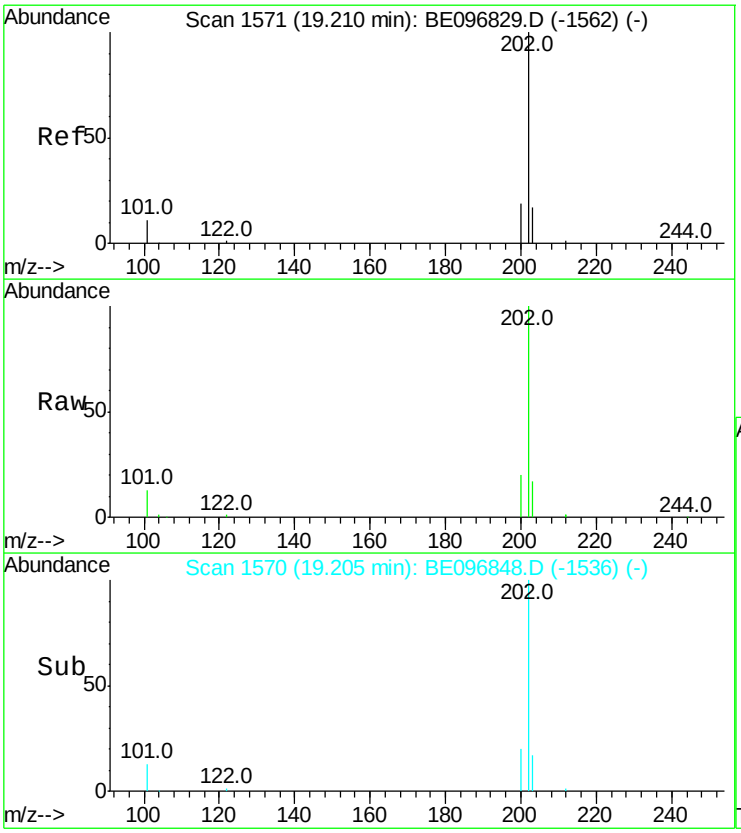
#27
Chrysene-d12
Concen: 0.400 ng
RT: 20.98 min Scan# 1786
Delta R.T. 0.00 min
Lab File: BE096848.D
Acq: 26 Jun 2018 12:20

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:240 Resp: 16663

Ion	Ratio	Lower	Upper
240	100		
120	5.3	5.5	8.3#
236	27.4	20.7	31.1

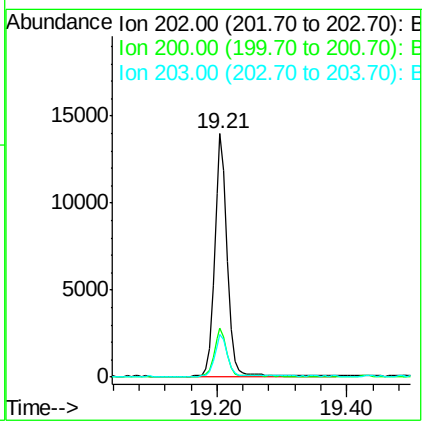


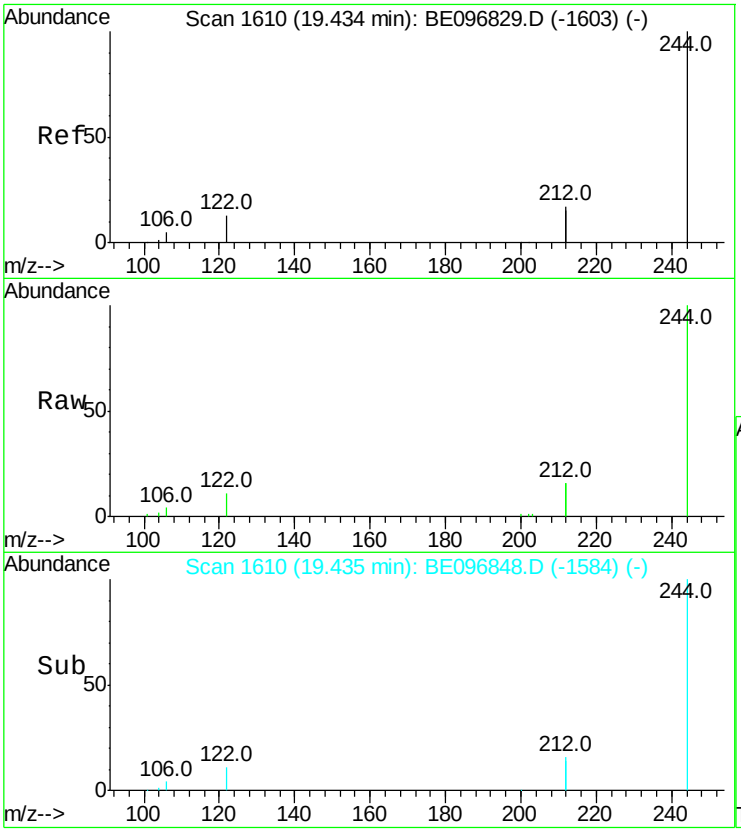


#28
Pyrene
Concen: 0.397 ng
RT: 19.21 min Scan# 1570
Delta R.T. -0.01 min
Lab File: BE096848.D
Acq: 26 Jun 2018 12:20

Tgt Ion:202 Resp: 19129

Ion	Ratio	Lower	Upper
202	100		
200	19.3	16.6	25.0
203	17.1	13.8	20.8



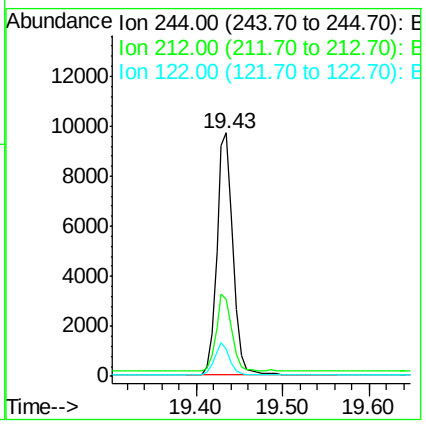


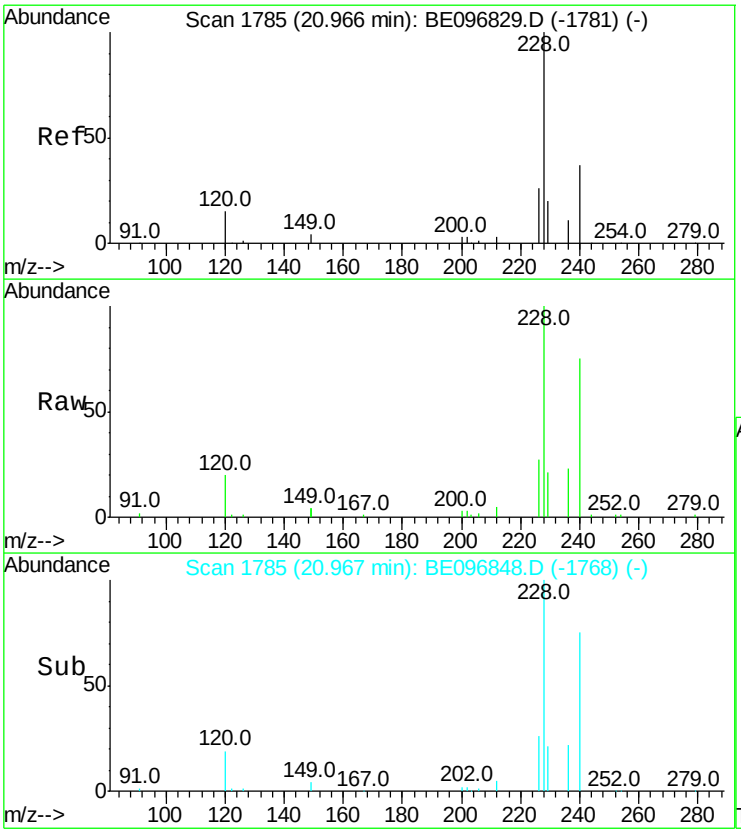
#29
Terphenyl-d14
Concen: 0.394 ng
RT: 19.43 min Scan# 1610
Delta R.T. 0.00 min
Lab File: BE096848.D
Acq: 26 Jun 2018 12:20

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:244 Resp: 12656

Ion	Ratio	Lower	Upper
244	100		
212	31.7	25.4	38.0
122	11.2	8.1	12.1

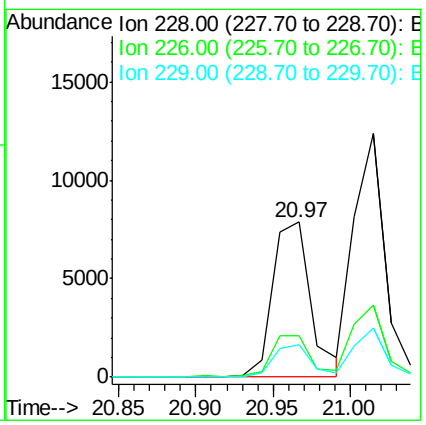


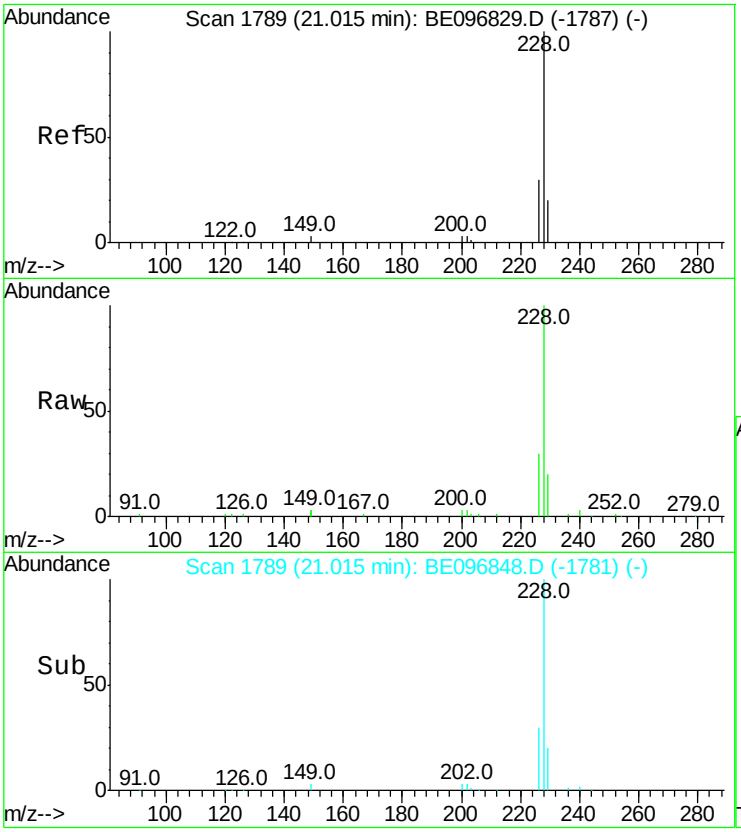


#30
Benzo(a)anthracene
Concen: 0.363 ng
RT: 20.97 min Scan# 1785
Delta R.T. 0.00 min
Lab File: BE096848.D
Acq: 26 Jun 2018 12:20

Tgt Ion:228 Resp: 13396

Ion	Ratio	Lower	Upper
228	100		
226	26.5	24.0	36.0
229	21.2	16.0	24.0



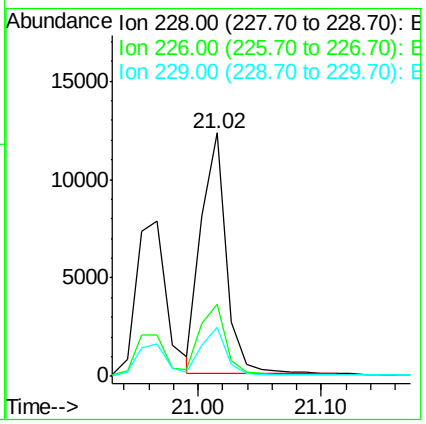


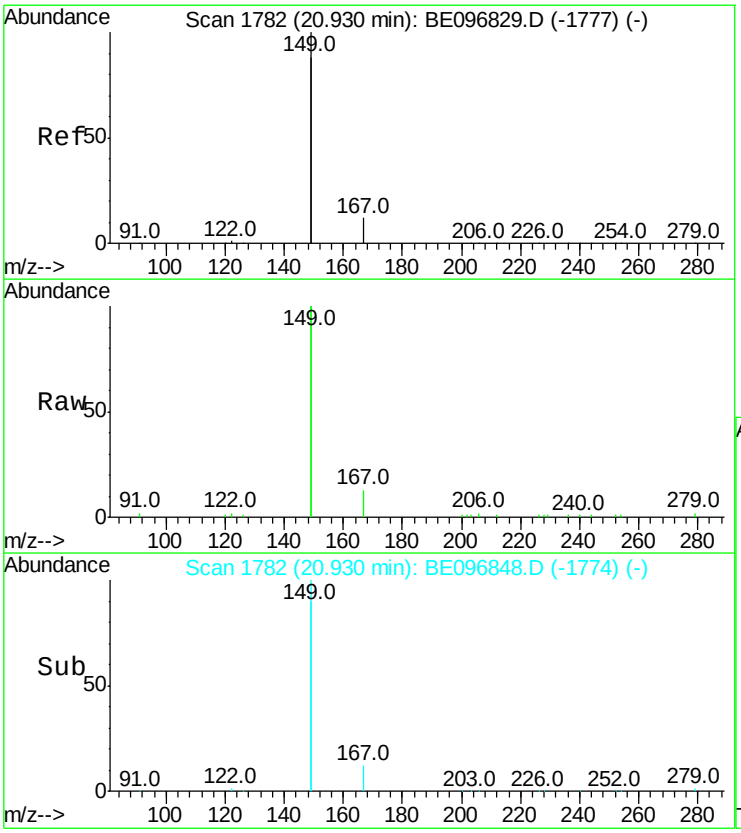
#31
Chrysene
Concen: 0.379 ng
RT: 21.02 min Scan# 1789
Delta R.T. 0.00 min
Lab File: BE096848.D
Acq: 26 Jun 2018 12:20

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:228 Resp: 17262

Ion	Ratio	Lower	Upper
228	100		
226	29.8	24.0	36.0
229	20.4	16.0	24.0

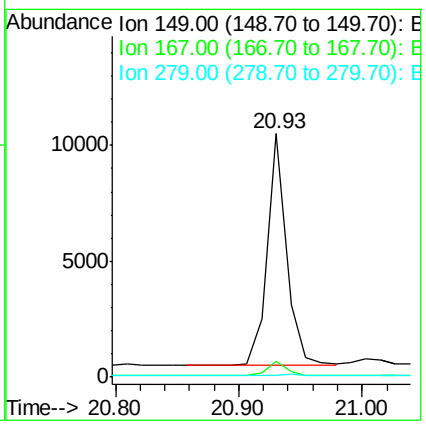


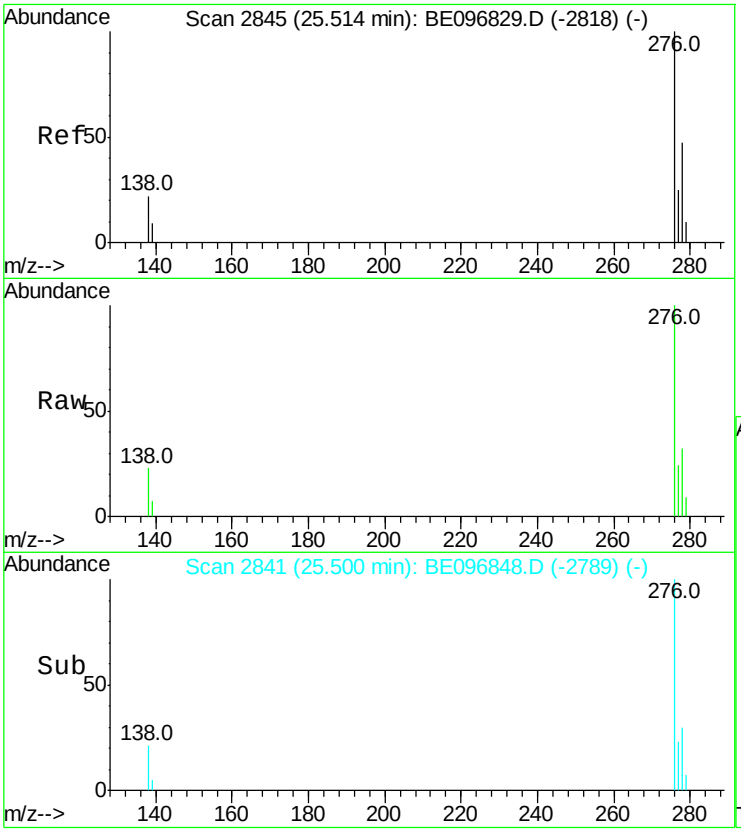


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.334 ng
RT: 20.93 min Scan# 1782
Delta R.T. 0.00 min
Lab File: BE096848.D
Acq: 26 Jun 2018 12:20

Tgt Ion:149 Resp: 11037

Ion	Ratio	Lower	Upper
149	100		
167	6.2	5.4	8.0
279	1.0	0.7	1.1



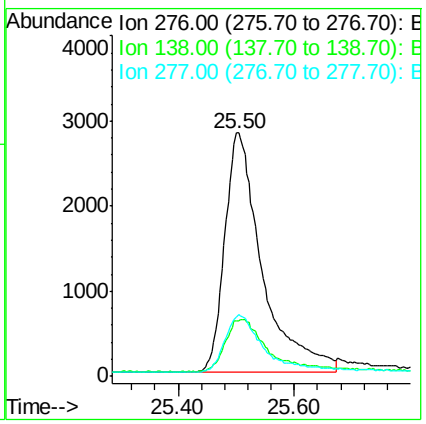


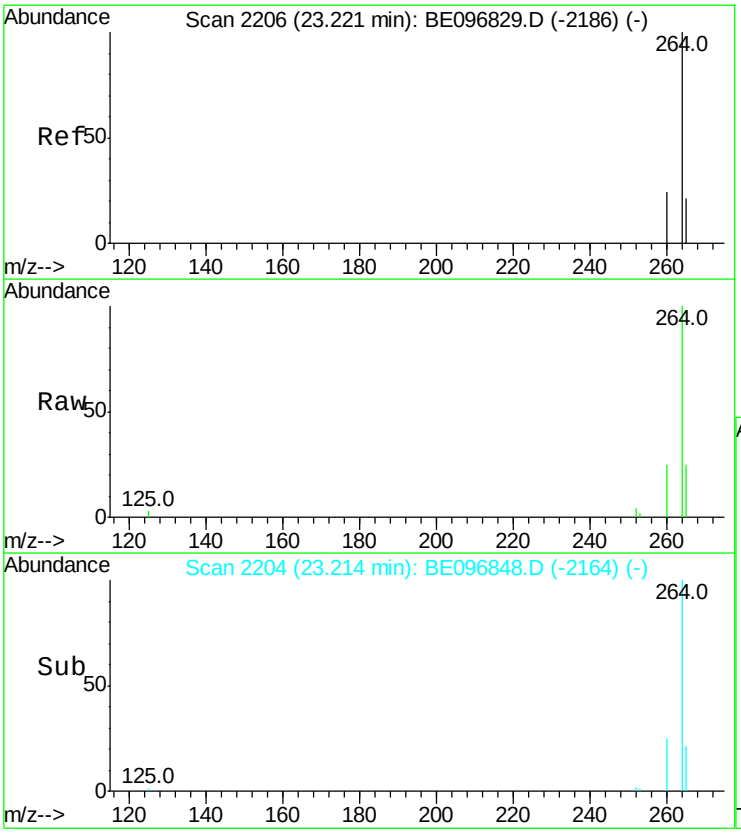
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.372 ng
RT: 25.50 min Scan# 2841
Delta R.T. -0.01 min
Lab File: BE096848.D
Acq: 26 Jun 2018 12:20

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 12613

Ion	Ratio	Lower	Upper
276	100		
138	23.0	22.5	33.7
277	24.1	19.9	29.9

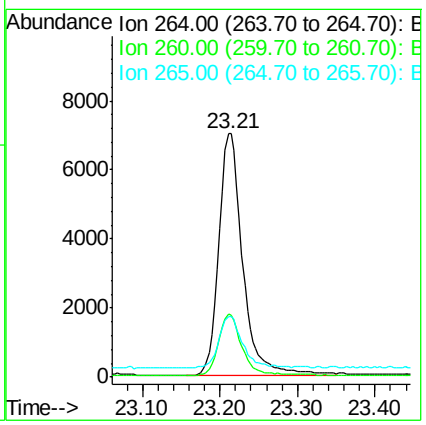


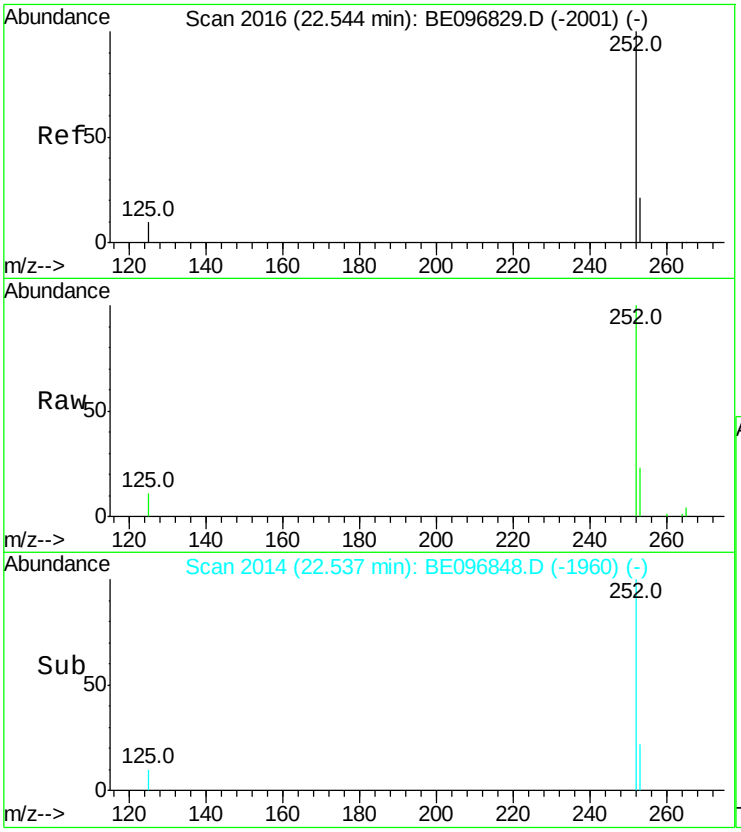


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.21 min Scan# 2204
Delta R.T. -0.01 min
Lab File: BE096848.D
Acq: 26 Jun 2018 12:20

Tgt Ion:264 Resp: 15013

Ion	Ratio	Lower	Upper
264	100		
260	25.5	20.5	30.7
265	24.8	22.8	34.2



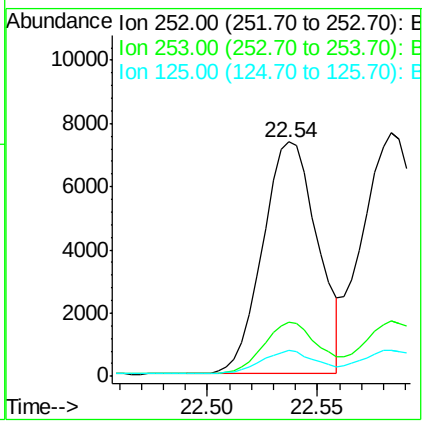


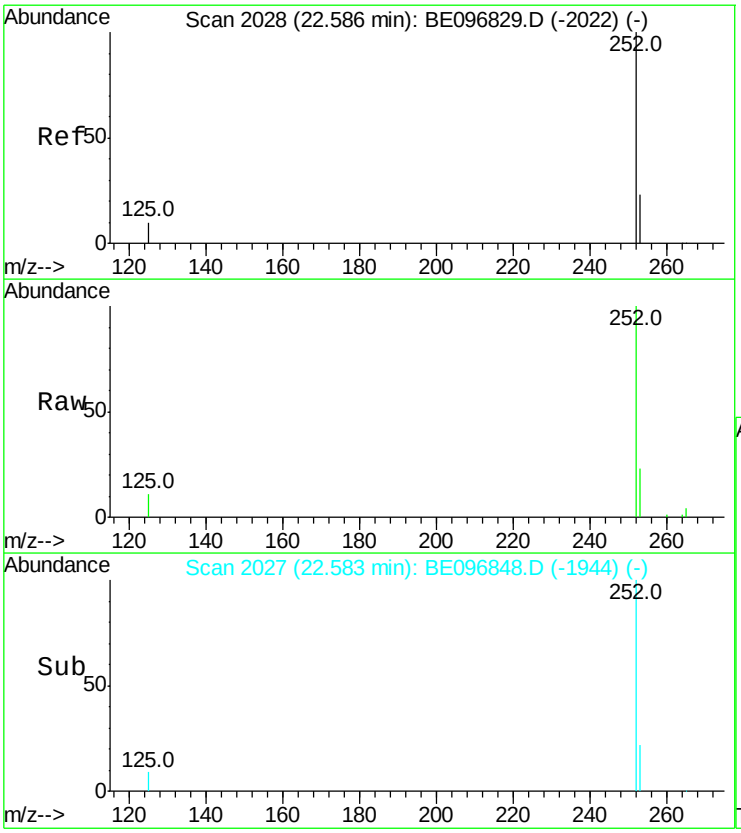
#35
Benzo(b)fluoranthene
Concen: 0.311 ng
RT: 22.54 min Scan# 2014
Delta R.T. -0.01 min
Lab File: BE096848.D
Acq: 26 Jun 2018 12:20

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 12749

Ion	Ratio	Lower	Upper
252	100		
253	23.1	20.0	30.0
125	10.9	16.0	24.0#

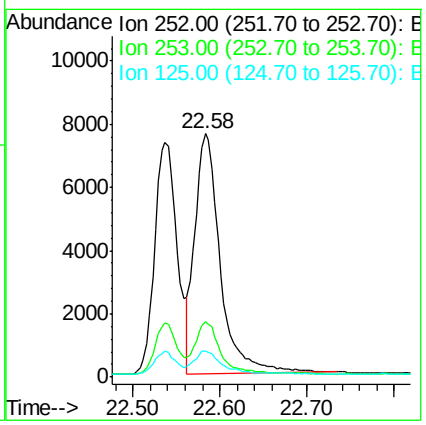


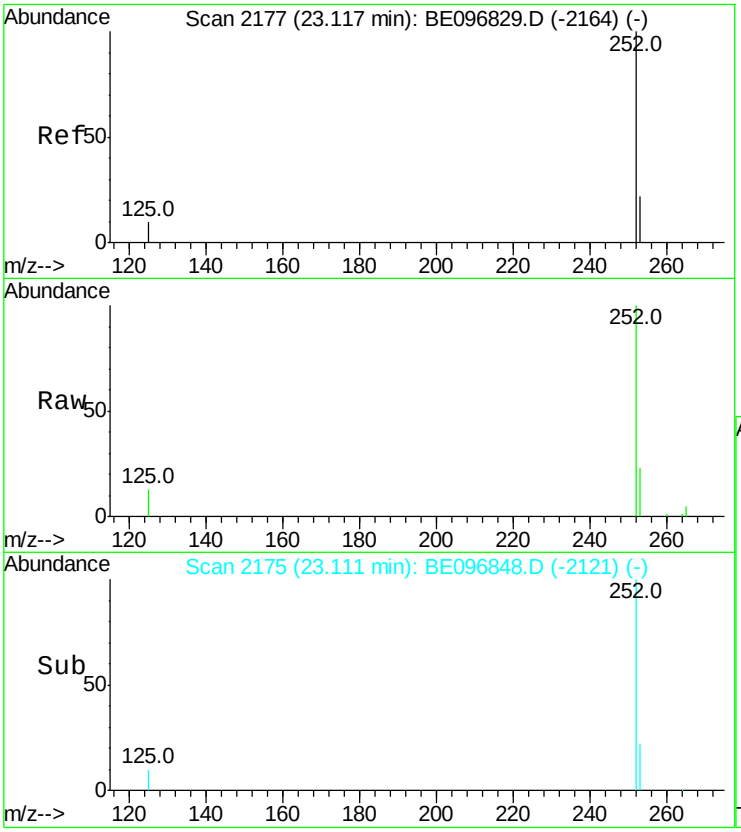


#36
Benzo(k)fluoranthene
Concen: 0.352 ng
RT: 22.58 min Scan# 2027
Delta R.T. -0.00 min
Lab File: BE096848.D
Acq: 26 Jun 2018 12:20

Tgt Ion:252 Resp: 15416

Ion	Ratio	Lower	Upper
252	100		
253	22.8	16.0	24.0
125	10.6	8.0	12.0



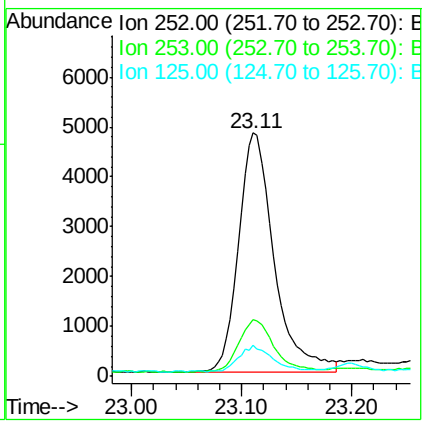


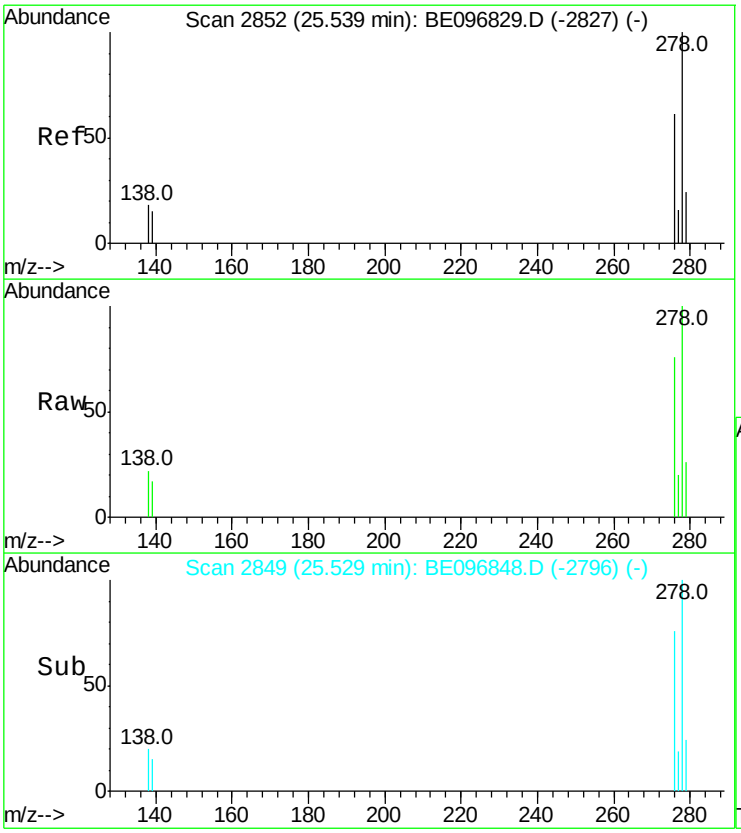
#37
Benzo(a)pyrene
Concen: 0.327 ng
RT: 23.11 min Scan# 2175
Delta R.T. -0.01 min
Lab File: BE096848.D
Acq: 26 Jun 2018 12:20

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 10637

Ion	Ratio	Lower	Upper
252	100		
253	23.1	16.0	24.0
125	12.6	12.0	18.0

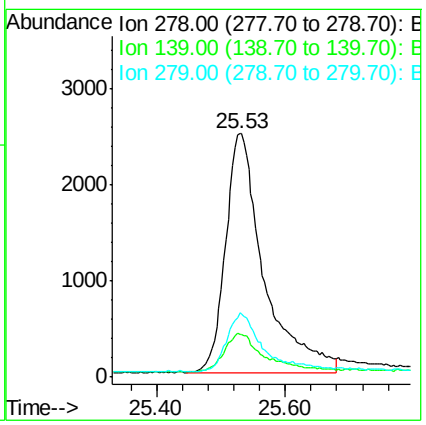


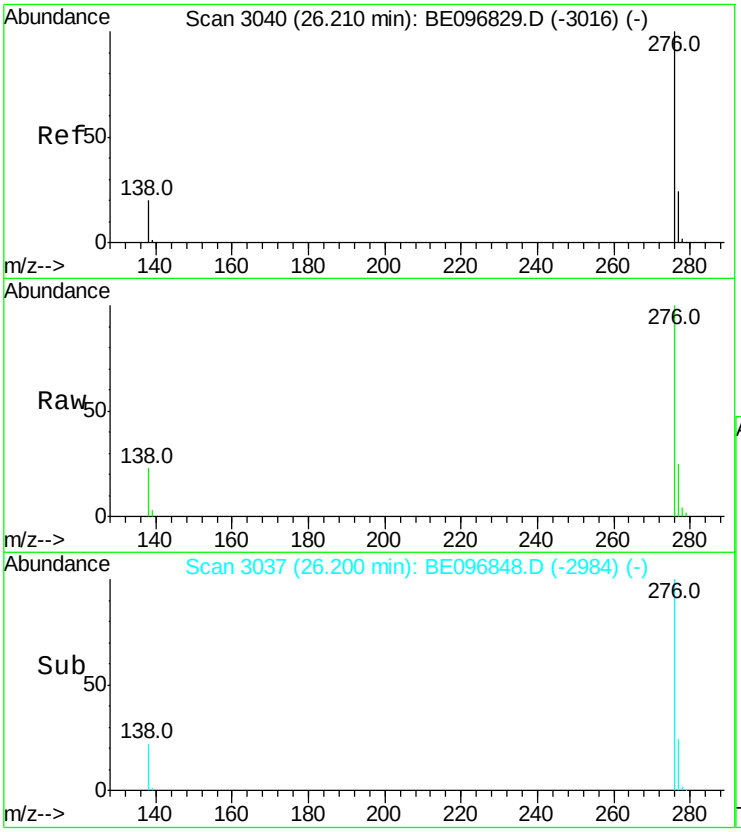


#38
Dibenzo(a,h)anthracene
Concen: 0.343 ng
RT: 25.53 min Scan# 2849
Delta R.T. -0.01 min
Lab File: BE096848.D
Acq: 26 Jun 2018 12:20

Tgt Ion:278 Resp: 10288

Ion	Ratio	Lower	Upper
278	100		
139	17.4	16.0	24.0
279	26.3	20.0	30.0





#39
Benzo(g,h,i)perylene
Concen: 0.328 ng
RT: 26.20 min Scan# 3037
Delta R.T. -0.01 min
Lab File: BE096848.D
Acq: 26 Jun 2018 12:20

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 11923

Ion	Ratio	Lower	Upper
276	100		
277	25.3	16.0	24.0#
138	22.9	20.0	30.0