Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE071318\
Data File : BE096901.D
Acq On : 13 Jul 2018 11:42
Operator : SJ/JU
Sample : PB111075BSD
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId :

Quant Time: Jul 13 17:03:28 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE062018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 13 17:02:57 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.40	152	2022	0.40	ng		0.00
7) Naphthalene-d8	10.15	136	8619	0.40	ng		0.00
13) Acenaphthene-d10	14.03	164	3544	0.40	ng		0.00
19) Phenanthrene-d10	16.78	188	8674	0.40	ng		0.01
27) Chrysene-d12	20.98	240	8631	0.40	ng		0.00
34) Perylene-d12	23.21	264	7551	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.06	112	1966	0.44	ng		0.00
5) Phenol-d6	6.60	99	2519	0.37	ng		0.00
8) Nitrobenzene-d5	8.53	82	2489	0.48	ng		0.00
11) 2-Methylnaphthalene-d10	11.73	152	5428	0.44	ng		0.00
14) 2,4,6-Tribromophenol	15.53	330	236	0.35	ng		0.01
15) 2-Fluorobiphenyl	12.64	172	5948	0.46	ng		0.00
25) Fluoranthene-d10	18.81	212	33187	0.43	ng		0.00
29) Terphenyl-d14	19.43	244	8477	0.51	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.11	88	1067	0.352	ng	#	81
3) n-Nitrosodimethylamine	3.38	42	1417	0.441	ng	#	88
6) bis(2-Chloroethyl)ether	6.85	93	2656	0.359	ng		98
9) Naphthalene	10.20	128	32177	0.411	ng		99
10) Hexachlorobutadiene	10.50	225	1261	0.387	ng		98
12) 2-Methylnaphthalene	11.81	142	4912	0.379	ng		99
16) Acenaphthylene	13.74	152	6252	0.407	ng		100
17) Acenaphthene	14.08	154	3999	0.394	ng		95
18) Fluorene	15.07	166	4383	0.367	ng	#	79
20) 4-Bromophenyl-phenylether	15.98	248	1376	0.352	ng	#	80
21) Hexachlorobenzene	16.09	284	1683	0.378	ng	#	79
22) Pentachlorophenol	16.44	266	431	0.596	ng	#	79
23) Phenanthrene	16.81	178	8490	0.398	ng		99
24) Anthracene	16.90	178	7383	0.418	ng		95
26) Fluoranthene	18.84	202	10037	0.466	ng		98
28) Pyrene	19.21	202	9791	0.392	ng		98
30) Benzo(a)anthracene	20.95	228	8518	0.445	ng		99
31) Chrysene	21.02	228	9464	0.401	ng		98
32) Bis(2-ethylhexyl)phthalate	20.93	149	7439	0.434	ng	#	100
33) Indeno(1,2,3-cd)pyrene	25.51	276	7194	0.410	ng		96
35) Benzo(b)fluoranthene	22.54	252	8381	0.407	ng	#	89
36) Benzo(k)fluoranthene	22.58	252	9107	0.399	ng		96
37) Benzo(a)pyrene	23.11	252	6956	0.425	ng		94
38) Dibenzo(a,h)anthracene	25.53	278	6102	0.385	ng		95
39) Benzo(g,h,i)perylene	26.21	276	6787	0.371	ng	#	93

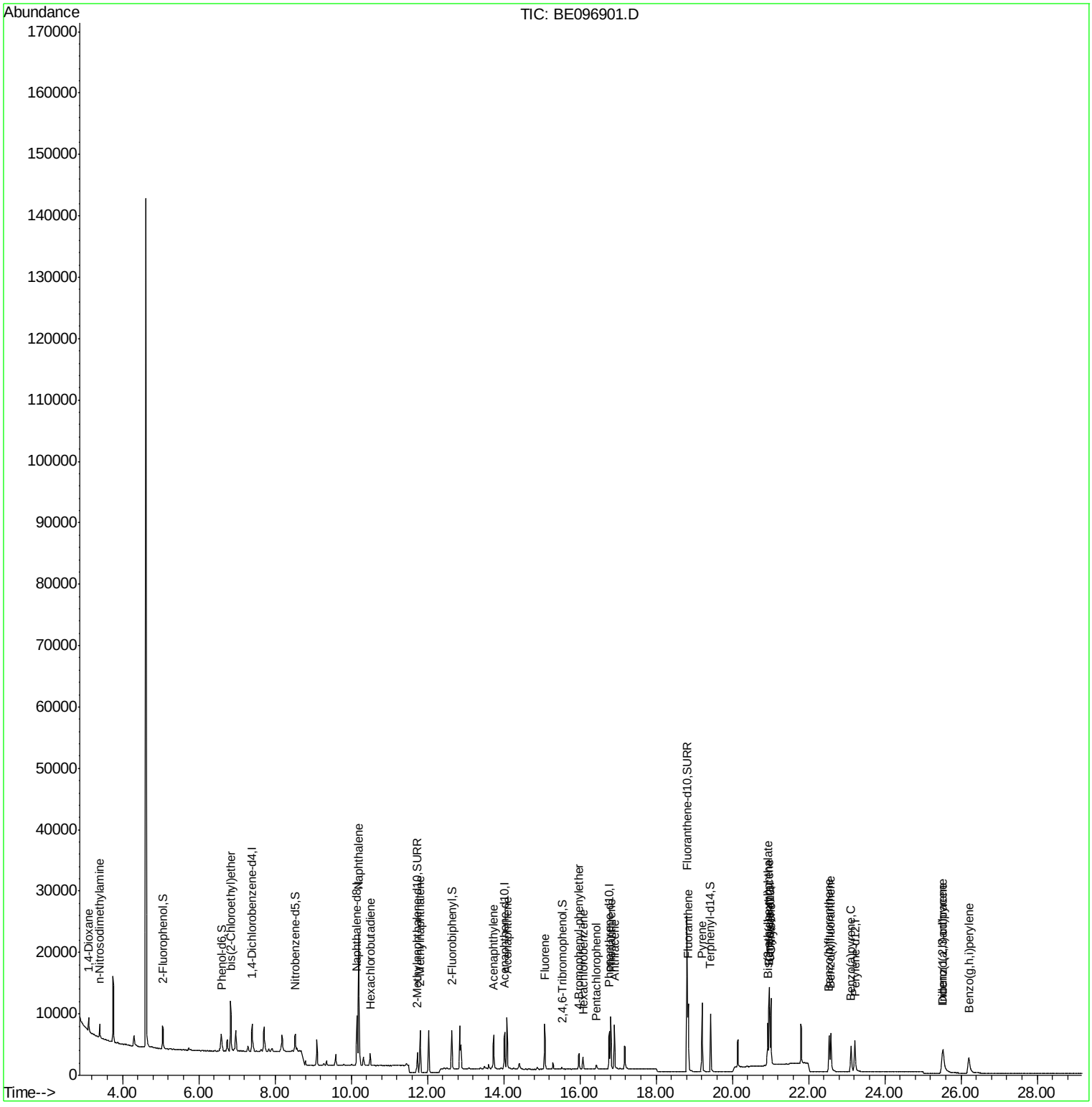
(#) = qualifier out of range (m) = manual integration (+) = signals summed

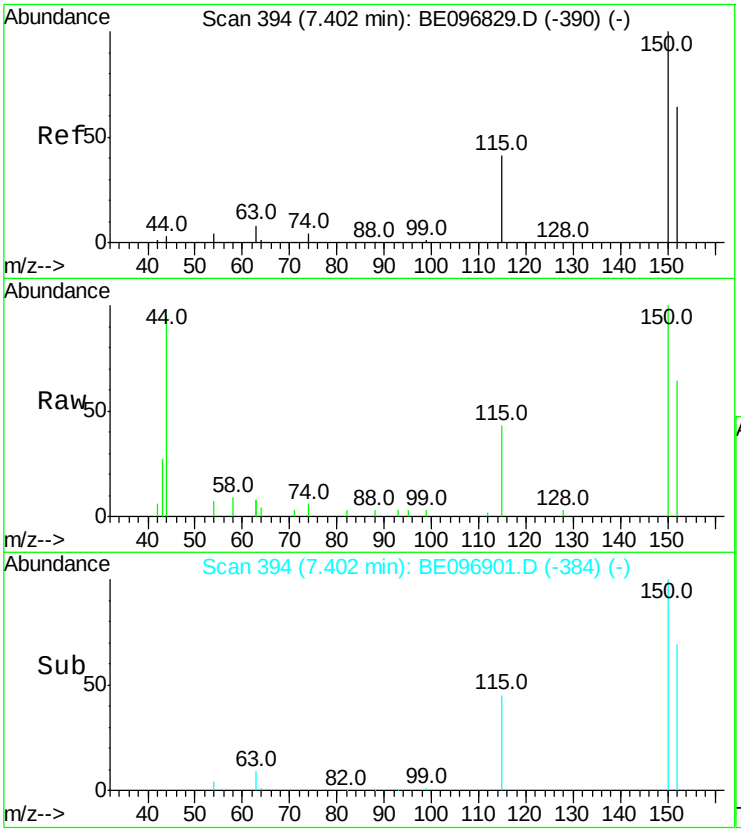
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE071318\
Data File : BE096901.D
Acq On : 13 Jul 2018 11:42
Operator : SJ/JU
Sample : PB111075BSD
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :

Quant Time: Jul 13 17:03:28 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE062018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 13 17:02:57 2018
Response via : Initial Calibration



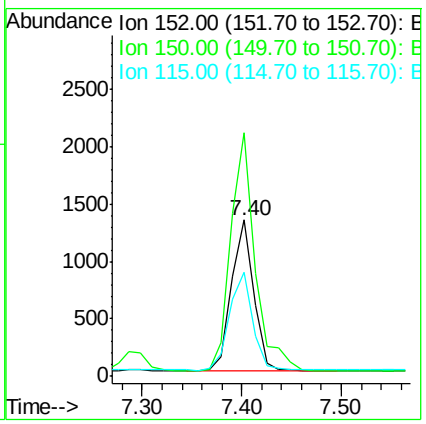


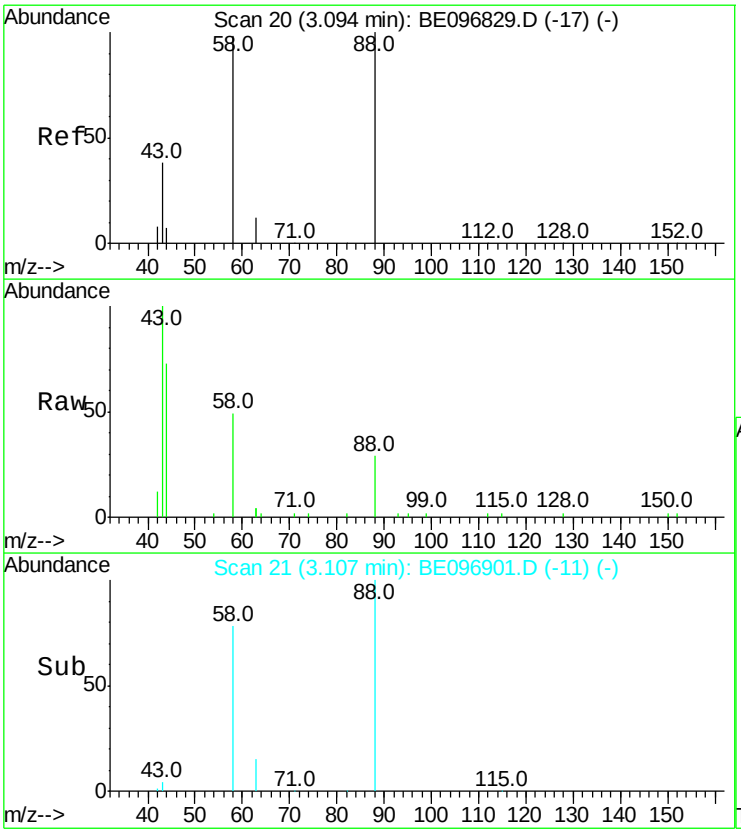
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.40 min Scan# 394
Delta R.T. 0.01 min
Lab File: BE096901.D
Acq: 13 Jul 2018 11:42

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 2022

Ion	Ratio	Lower	Upper
152	100		
150	155.6	117.2	175.8
115	66.7	57.0	85.6

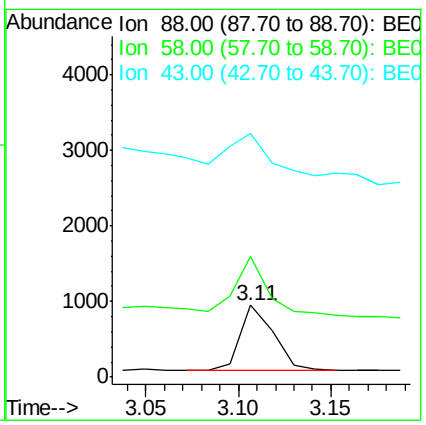


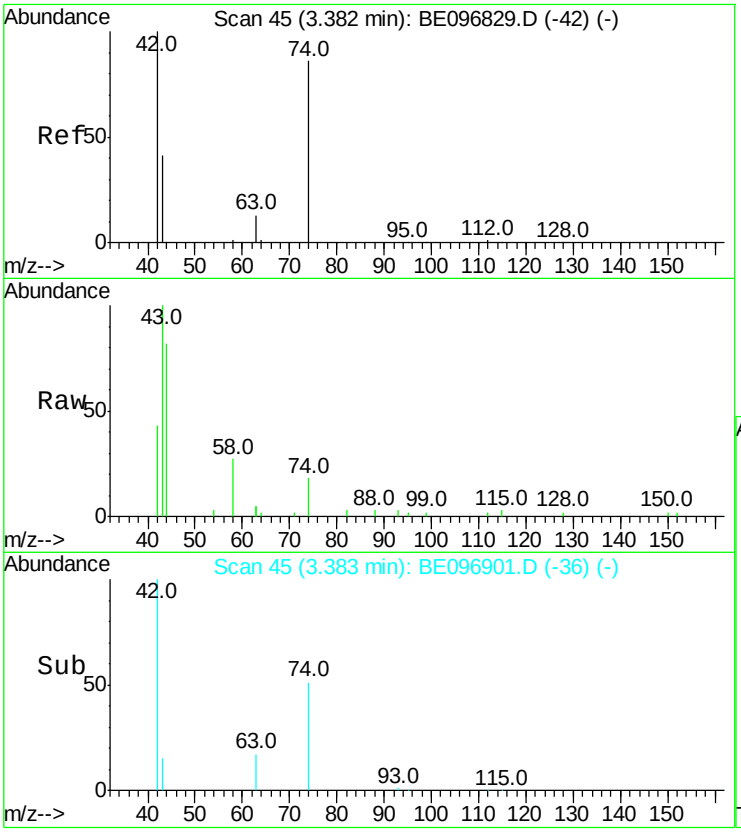


#2
1,4-Dioxane
Concen: 0.352 ng
RT: 3.11 min Scan# 21
Delta R.T. 0.01 min
Lab File: BE096901.D
Acq: 13 Jul 2018 11:42

Tgt Ion: 88 Resp: 1067

Ion	Ratio	Lower	Upper
88	100		
58	85.5	63.2	94.8
43	76.9	41.2	61.8#



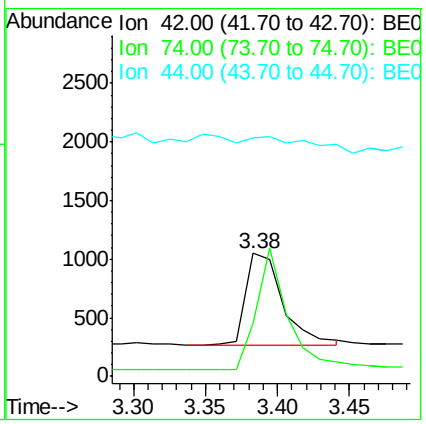


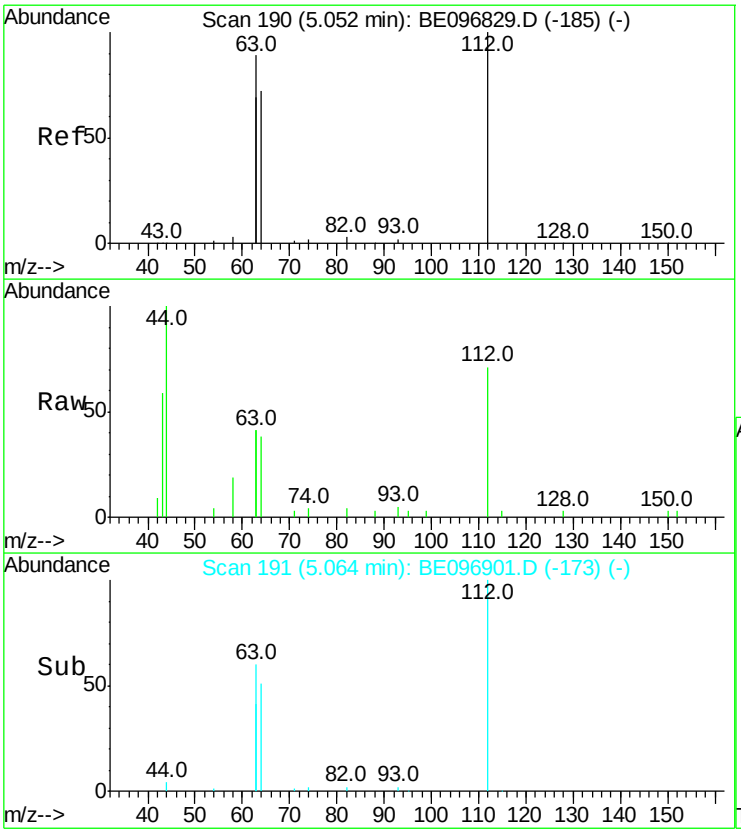
#3
n-Nitrosodimethylamine
Concen: 0.441 ng
RT: 3.38 min Scan# 45
Delta R.T. -0.00 min
Lab File: BE096901.D
Acq: 13 Jul 2018 11:42

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 42 Resp: 1417

Ion	Ratio	Lower	Upper
42	100		
74	109.8	96.0	144.0
44	0.0	12.0	18.0#

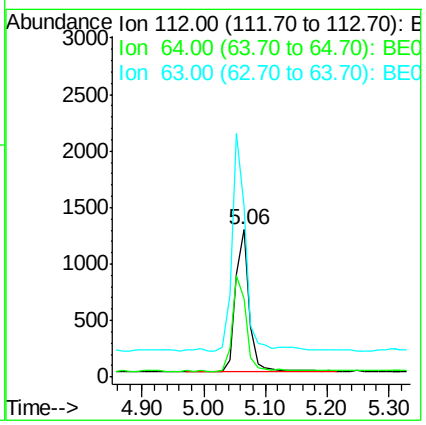


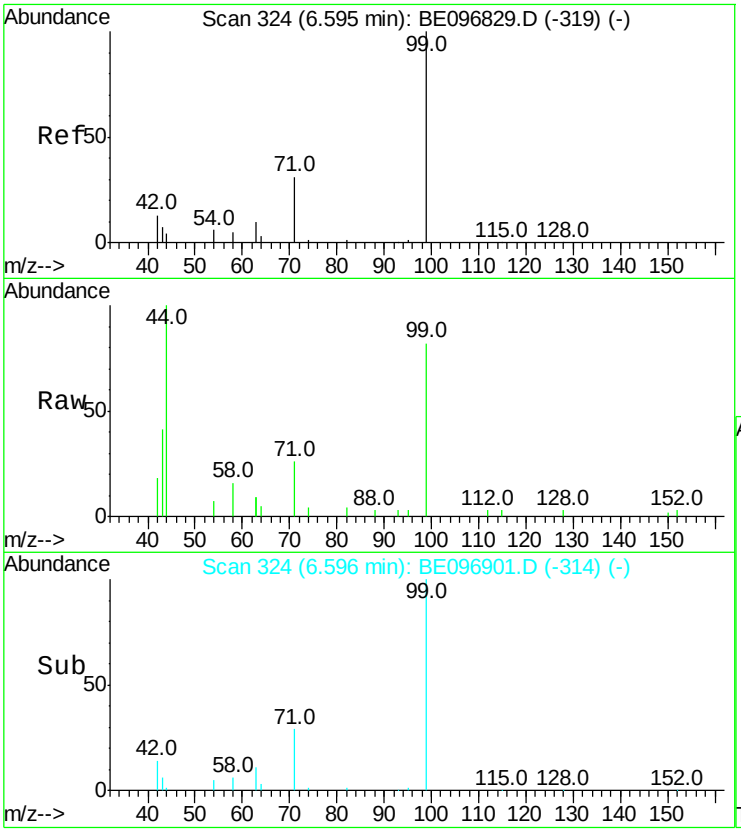


#4
2-Fluorophenol
Concen: 0.435 ng
RT: 5.06 min Scan# 191
Delta R.T. 0.01 min
Lab File: BE096901.D
Acq: 13 Jul 2018 11:42

Tgt Ion:112 Resp: 1966

Ion	Ratio	Lower	Upper
112	100		
64	67.5	60.1	90.1
63	148.7	116.8	175.2



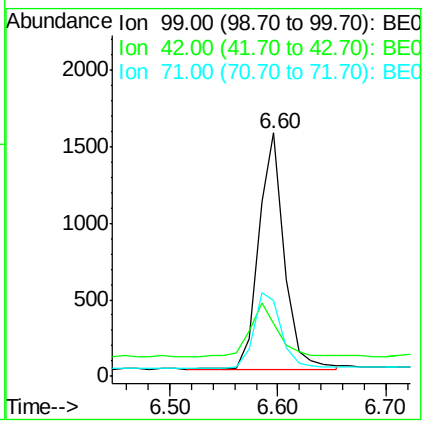


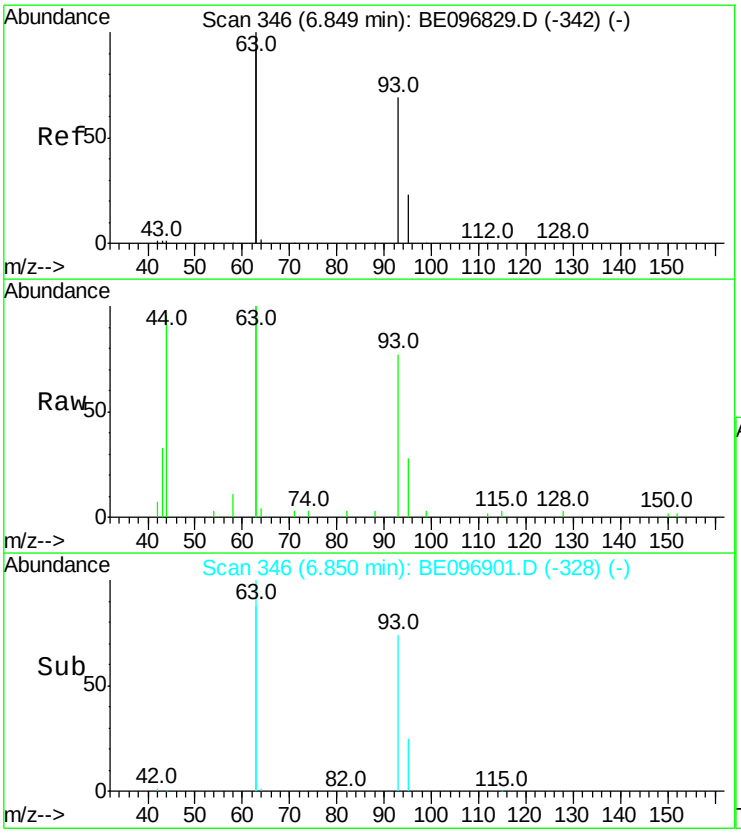
#5
Phenol-d6
Concen: 0.374 ng
RT: 6.60 min Scan# 324
Delta R.T. 0.01 min
Lab File: BE096901.D
Acq: 13 Jul 2018 11:42

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 99 Resp: 2519

Ion	Ratio	Lower	Upper
99	100		
42	25.6	20.2	30.2
71	34.9	28.4	42.6

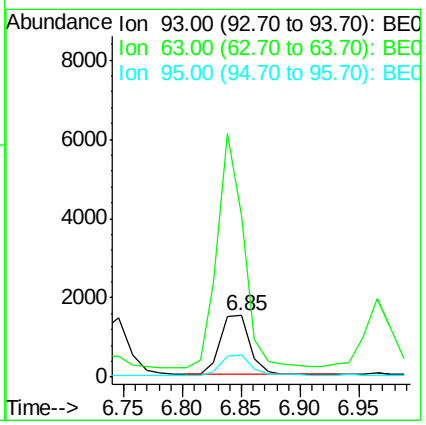


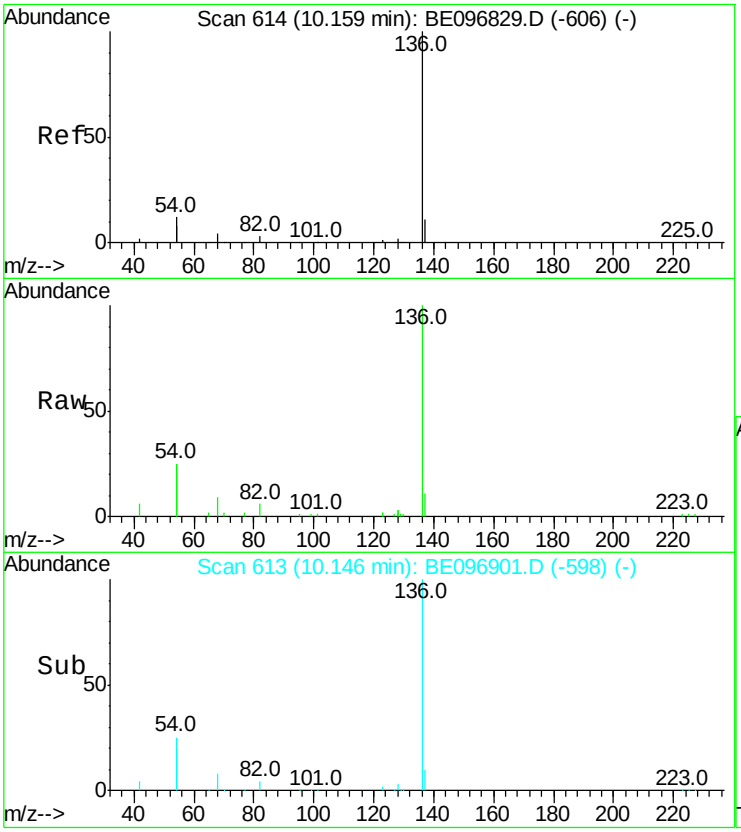


#6
bis(2-Chloroethyl)ether
Concen: 0.359 ng
RT: 6.85 min Scan# 346
Delta R.T. 0.01 min
Lab File: BE096901.D
Acq: 13 Jul 2018 11:42

Tgt Ion: 93 Resp: 2656

Ion	Ratio	Lower	Upper
93	100		
63	340.4	275.3	412.9
95	32.5	25.2	37.8



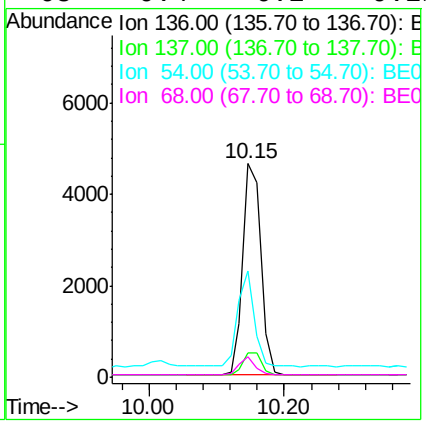


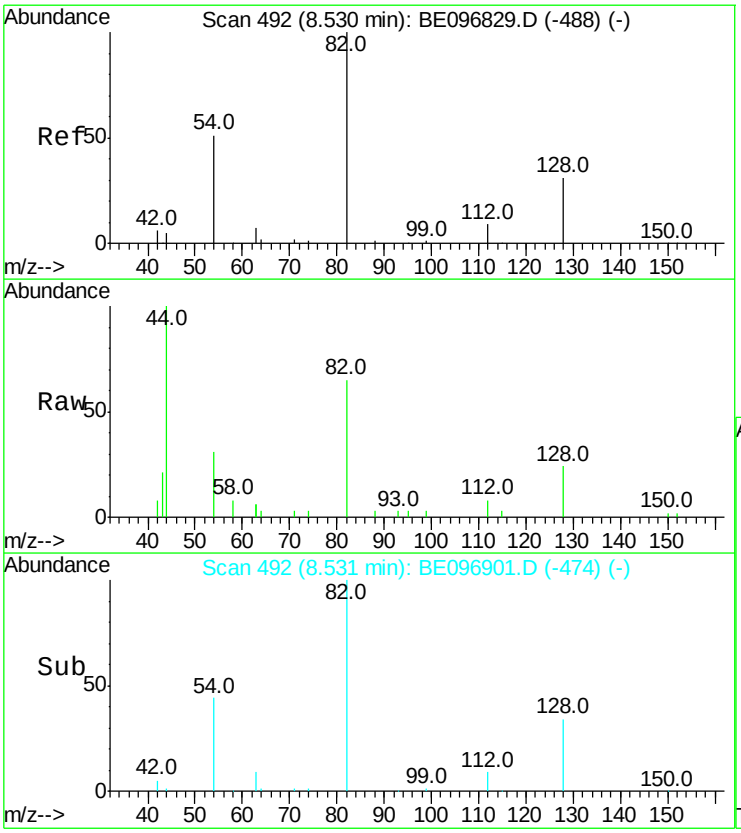
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.15 min Scan# 613
Delta R.T. 0.00 min
Lab File: BE096901.D
Acq: 13 Jul 2018 11:42

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:136 Resp: 8619

Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.5	14.3
54	49.6	29.1	43.7#
68	9.4	6.2	9.2#

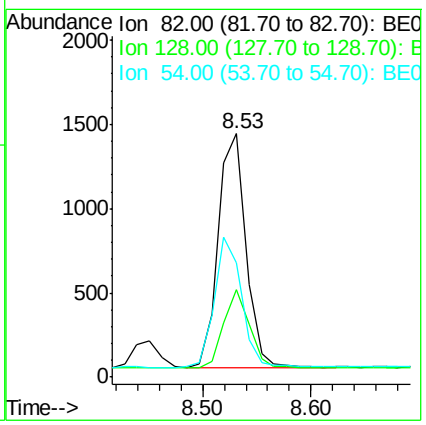


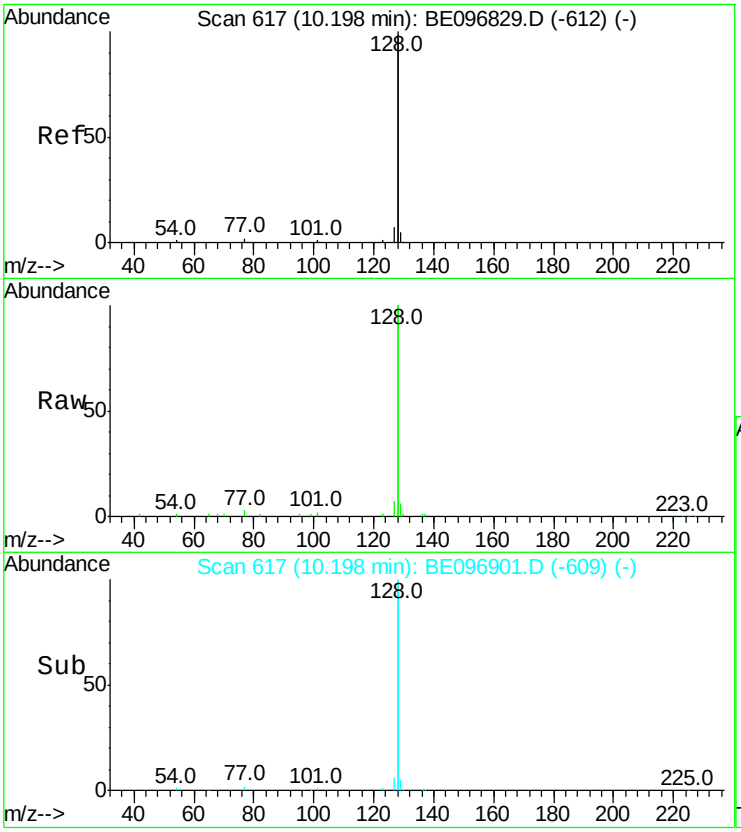


#8
Nitrobenzene-d5
Concen: 0.477 ng
RT: 8.53 min Scan# 492
Delta R.T. 0.01 min
Lab File: BE096901.D
Acq: 13 Jul 2018 11:42

Tgt Ion: 82 Resp: 2489

Ion	Ratio	Lower	Upper
82	100		
128	36.1	24.0	36.0#
54	46.8	40.0	60.0



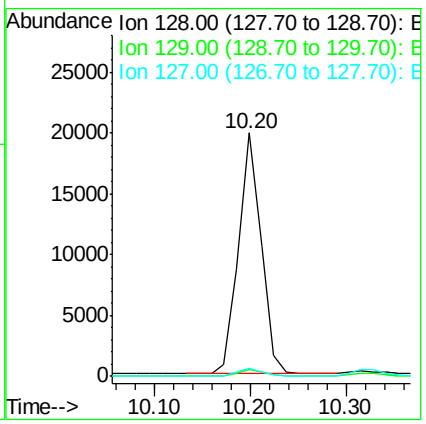


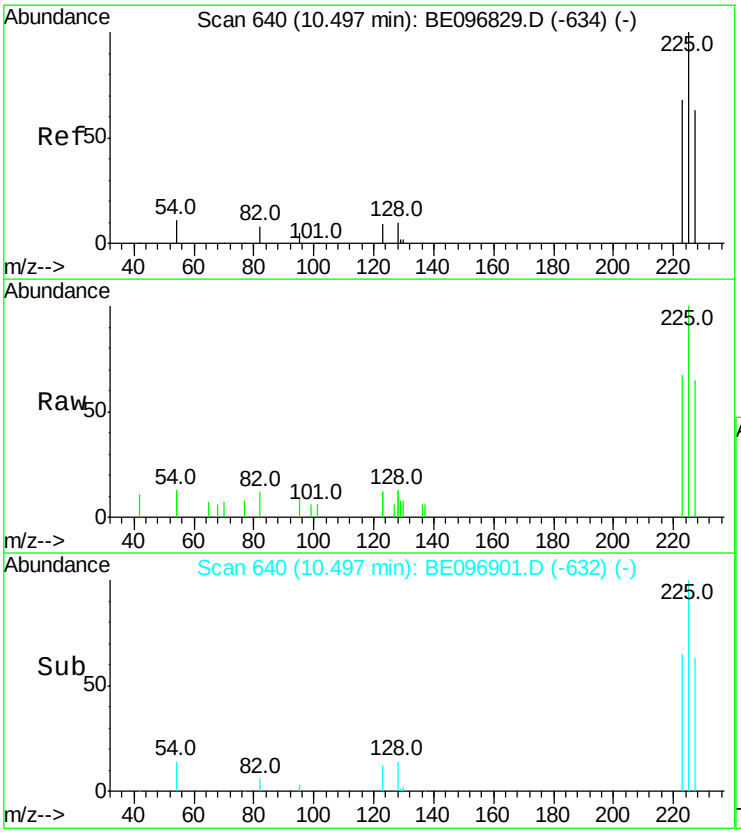
#9
Naphthalene
Concen: 0.411 ng
RT: 10.20 min Scan# 617
Delta R.T. 0.00 min
Lab File: BE096901.D
Acq: 13 Jul 2018 11:42

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:128 Resp: 32177

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

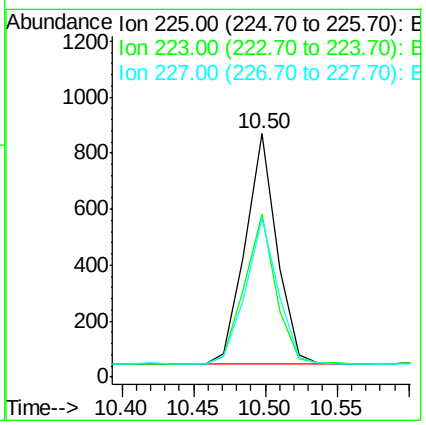


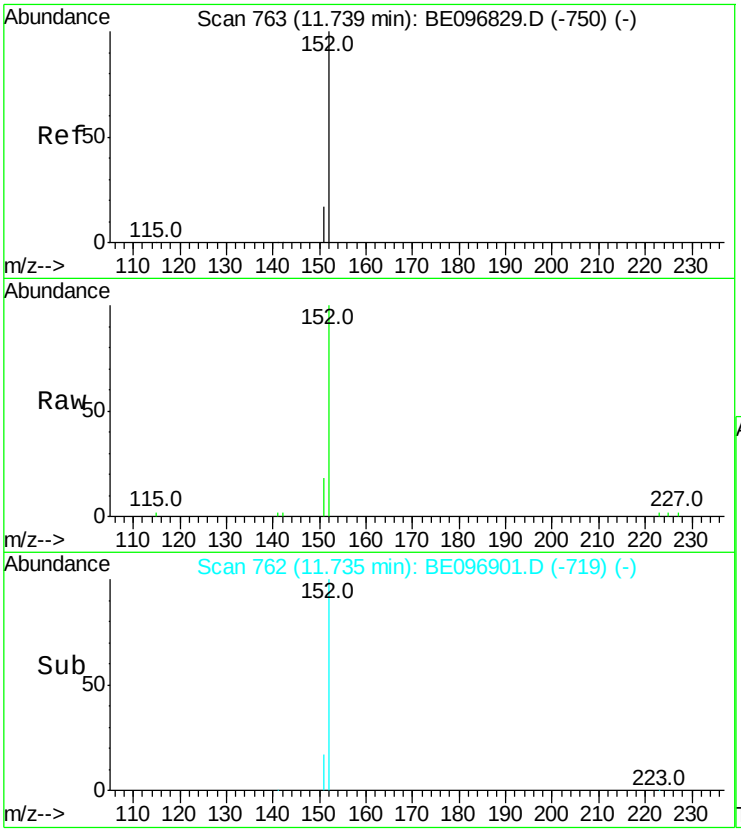


#10
Hexachlorobutadiene
Concen: 0.387 ng
RT: 10.50 min Scan# 640
Delta R.T. 0.00 min
Lab File: BE096901.D
Acq: 13 Jul 2018 11:42

Tgt Ion:225 Resp: 1261

Ion	Ratio	Lower	Upper
225	100		
223	64.2	53.0	79.6
227	63.7	51.4	77.2



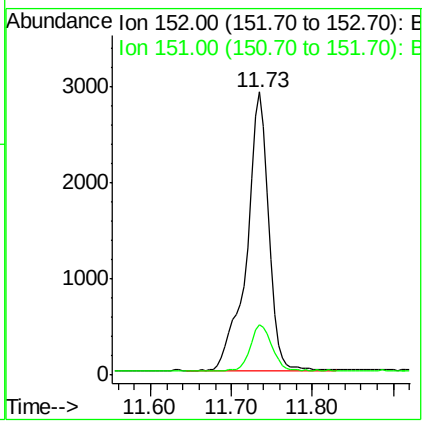


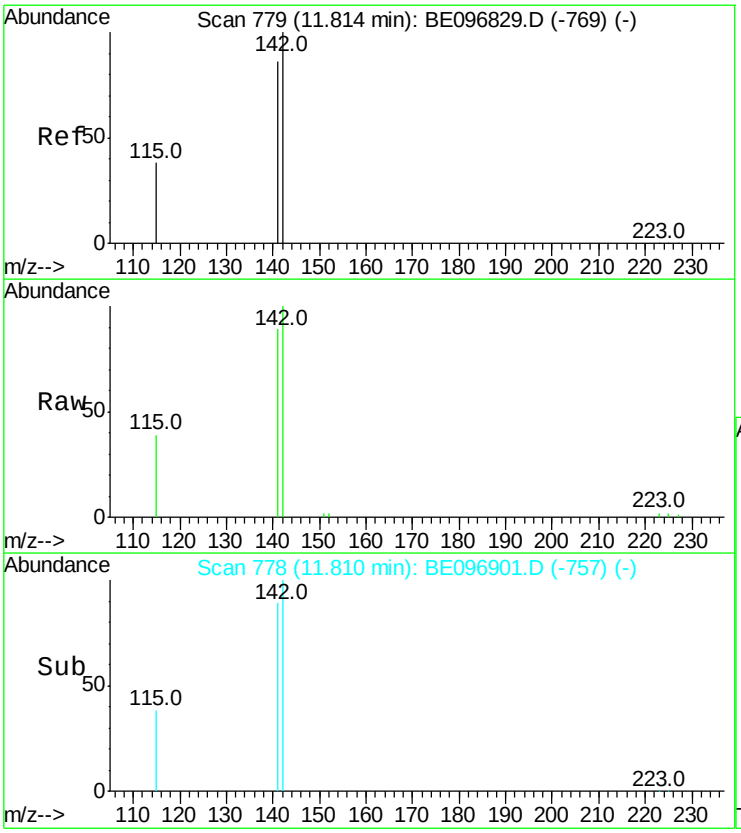
#11
2-Methylnaphthalene-d10
Concen: 0.438 ng
RT: 11.73 min Scan# 762
Delta R.T. 0.00 min
Lab File: BE096901.D
Acq: 13 Jul 2018 11:42

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 5428

Ion	Ratio	Lower	Upper
152	100		
151	16.0	15.4	23.0

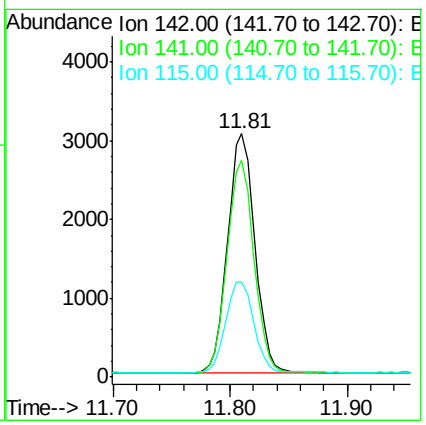


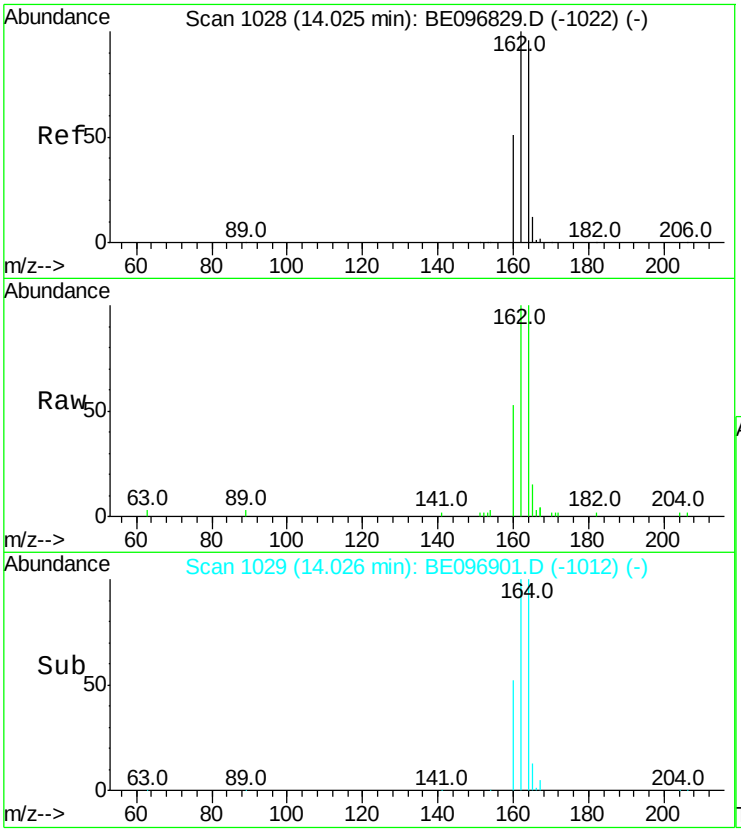


#12
2-Methylnaphthalene
Concen: 0.379 ng
RT: 11.81 min Scan# 778
Delta R.T. 0.00 min
Lab File: BE096901.D
Acq: 13 Jul 2018 11:42

Tgt Ion:142 Resp: 4912

Ion	Ratio	Lower	Upper
142	100		
141	88.9	70.4	105.6
115	39.1	31.7	47.5



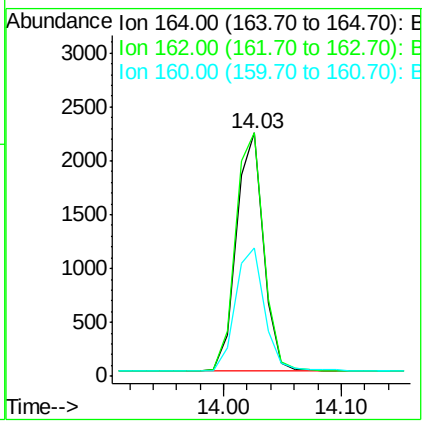


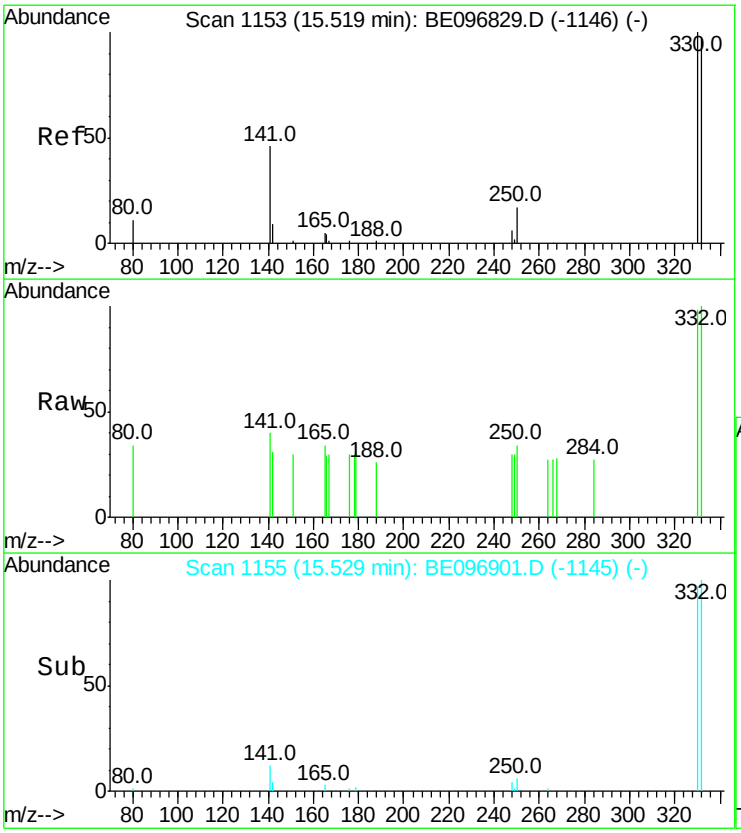
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.03 min Scan# 1029
Delta R.T. 0.00 min
Lab File: BE096901.D
Acq: 13 Jul 2018 11:42

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:164 Resp: 3544

Ion	Ratio	Lower	Upper
164	100		
162	100.0	83.1	124.7
160	52.6	37.1	55.7

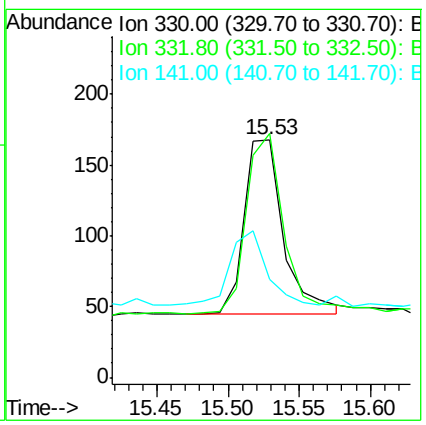


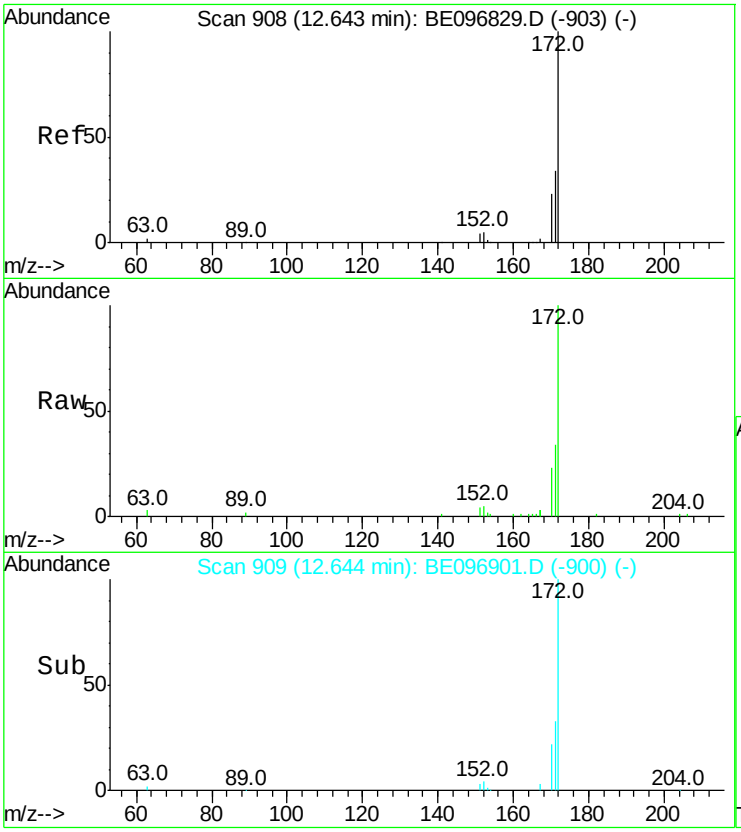


#14
2,4,6-Tribromophenol
Concen: 0.355 ng
RT: 15.53 min Scan# 1155
Delta R.T. 0.01 min
Lab File: BE096901.D
Acq: 13 Jul 2018 11:42

Tgt Ion:330 Resp: 236

Ion	Ratio	Lower	Upper
330	100		
332	98.7	152.7	229.1#
141	39.8	33.7	50.5



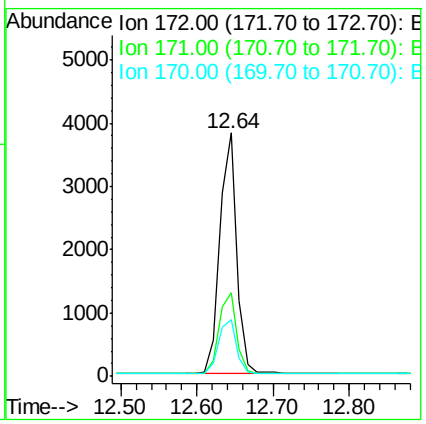


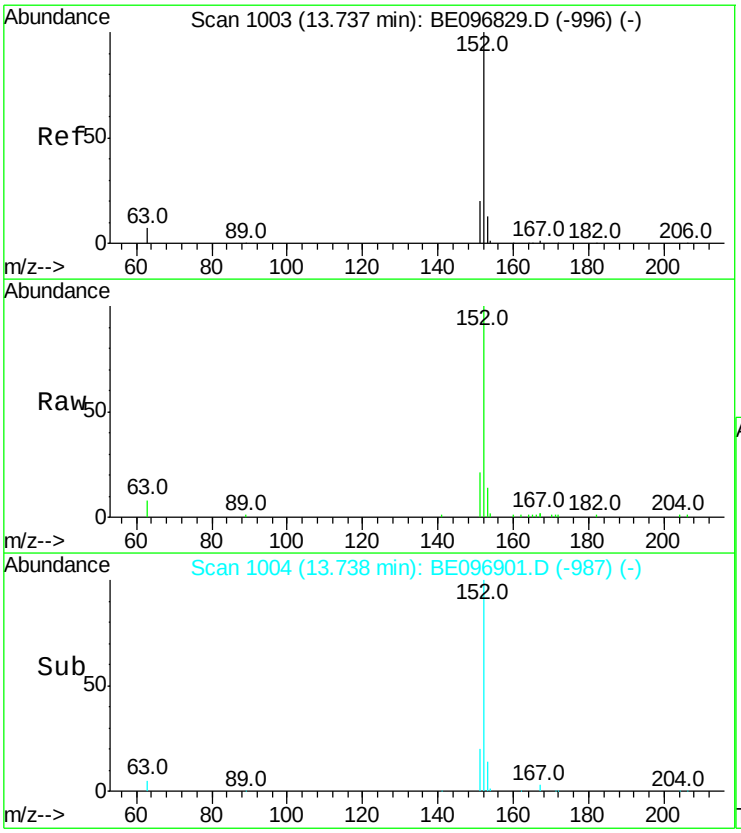
#15
2-Fluorobiphenyl
Concen: 0.459 ng
RT: 12.64 min Scan# 909
Delta R.T. 0.00 min
Lab File: BE096901.D
Acq: 13 Jul 2018 11:42

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:172 Resp: 5948

Ion	Ratio	Lower	Upper
172	100		
171	34.1	29.9	44.9
170	23.1	21.8	32.8

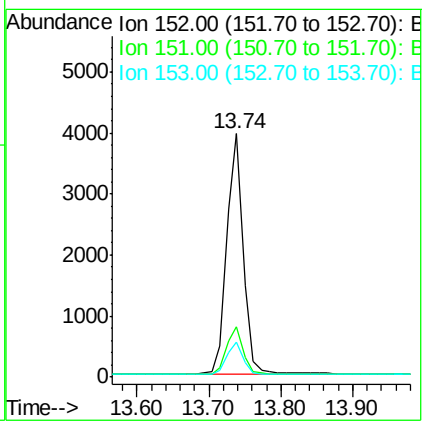


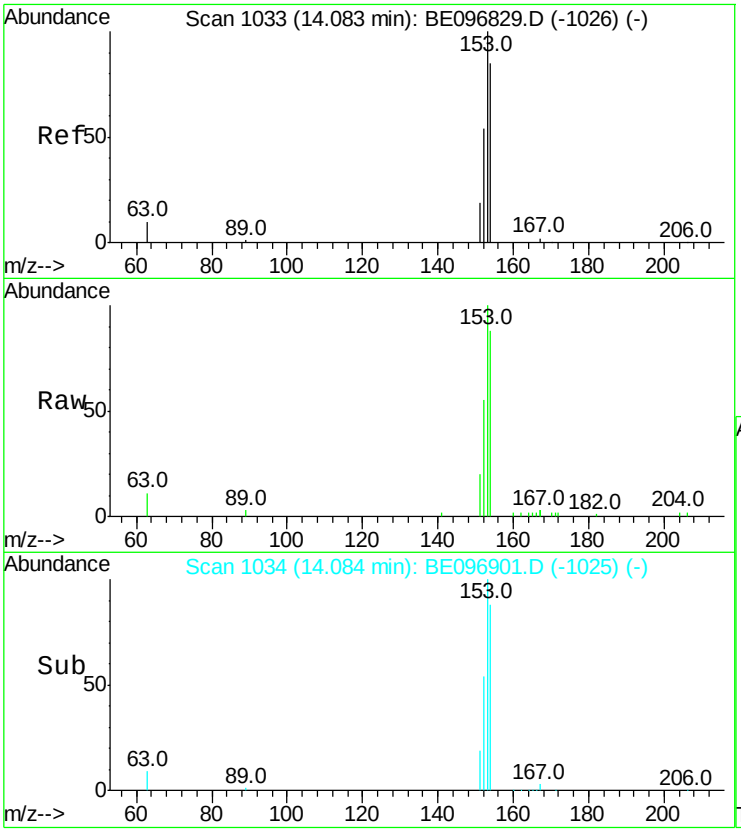


#16
Acenaphthylene
Concen: 0.407 ng
RT: 13.74 min Scan# 1004
Delta R.T. 0.00 min
Lab File: BE096901.D
Acq: 13 Jul 2018 11:42

Tgt Ion:152 Resp: 6252

Ion	Ratio	Lower	Upper
152	100		
151	19.7	15.7	23.5
153	13.1	10.5	15.7



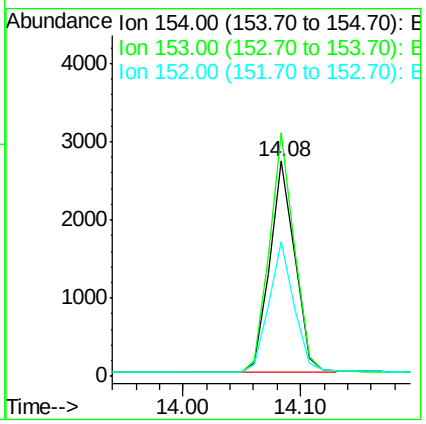


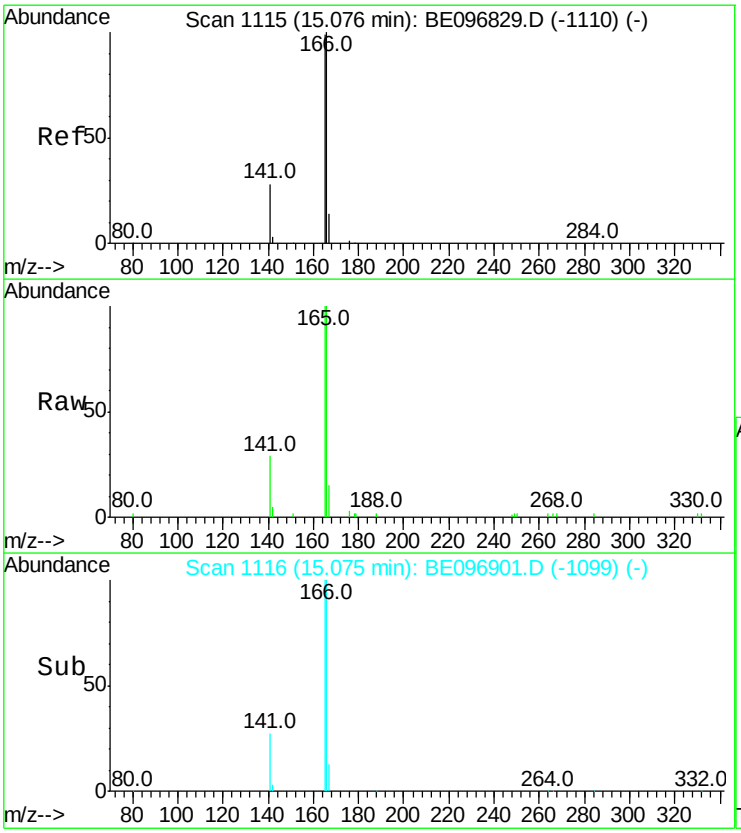
#17
Acenaphthene
Concen: 0.394 ng
RT: 14.08 min Scan# 1034
Delta R.T. 0.00 min
Lab File: BE096901.D
Acq: 13 Jul 2018 11:42

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:154 Resp: 3999

Ion	Ratio	Lower	Upper
154	100		
153	112.4	89.2	133.8
152	61.9	42.0	63.0

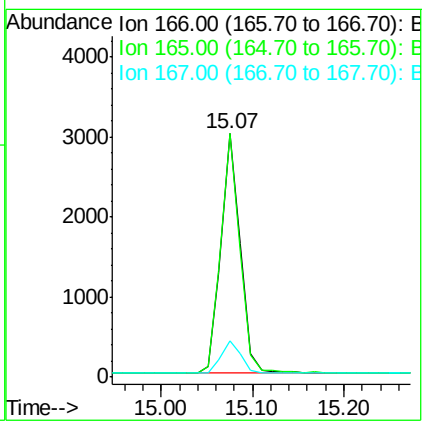


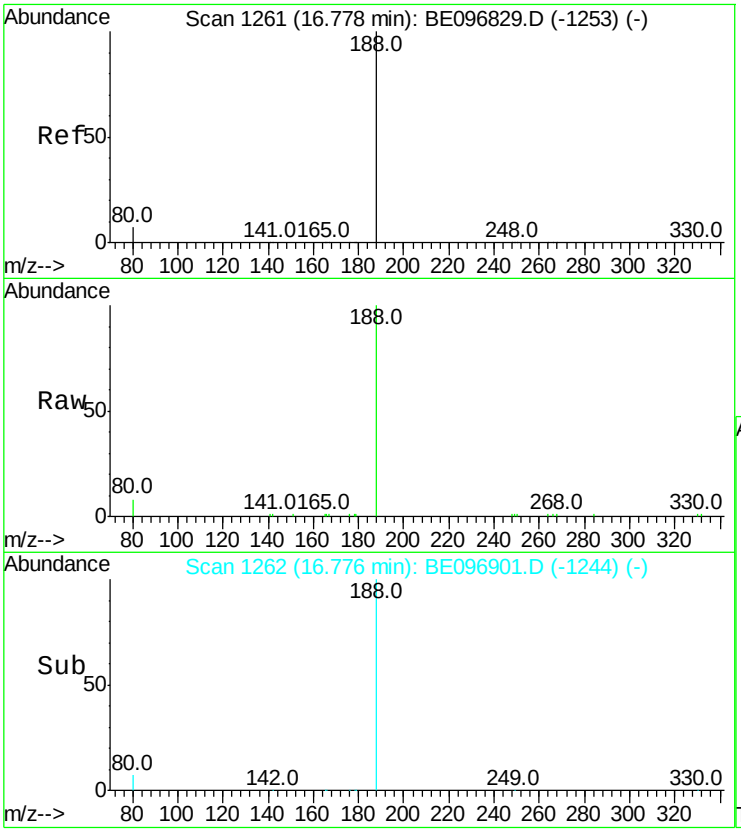


#18
Fluorene
Concen: 0.367 ng
RT: 15.07 min Scan# 1116
Delta R.T. -0.00 min
Lab File: BE096901.D
Acq: 13 Jul 2018 11:42

Tgt Ion:166 Resp: 4383

Ion	Ratio	Lower	Upper
166	100		
165	99.1	77.8	116.6
167	14.1	42.4	63.6#



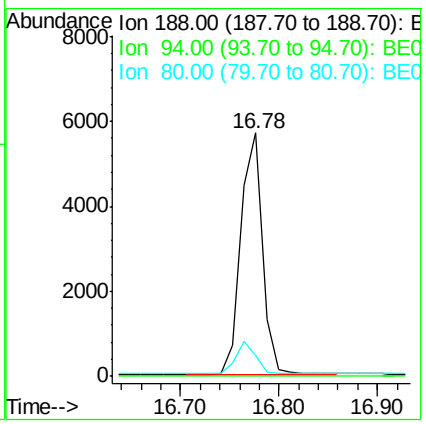


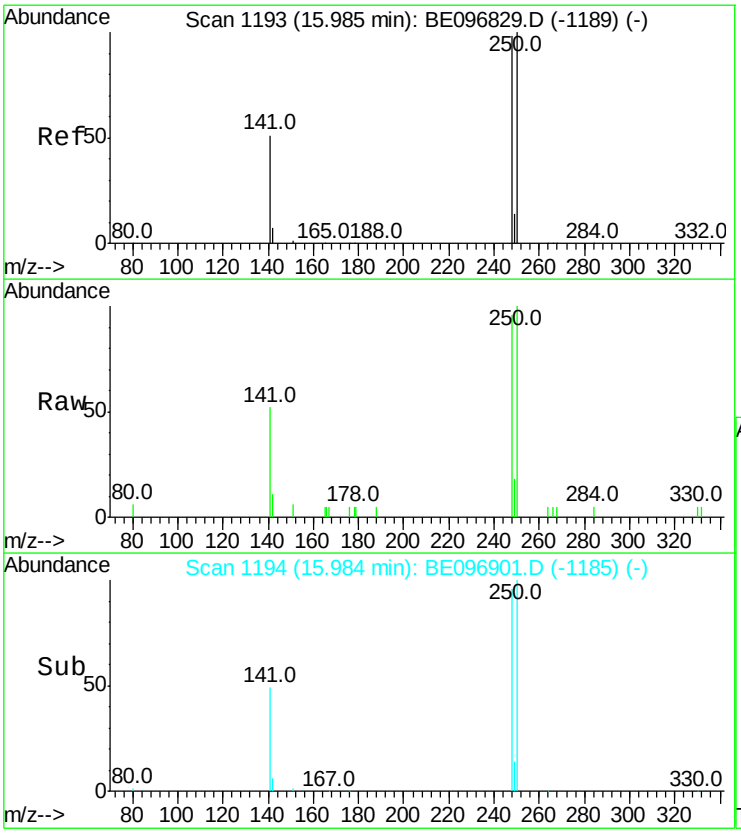
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.78 min Scan# 1262
Delta R.T. 0.01 min
Lab File: BE096901.D
Acq: 13 Jul 2018 11:42

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:188 Resp: 8674

Ion	Ratio	Lower	Upper
188	100		
94	0.0	3.9	5.9#
80	8.3	3.6	5.4#

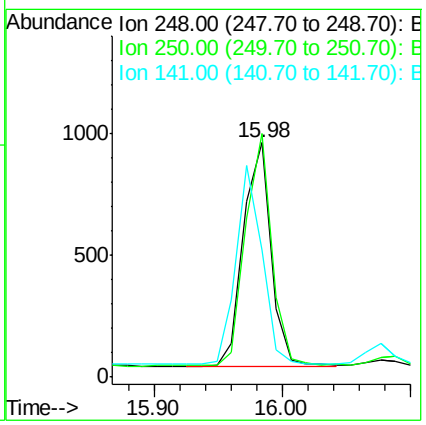


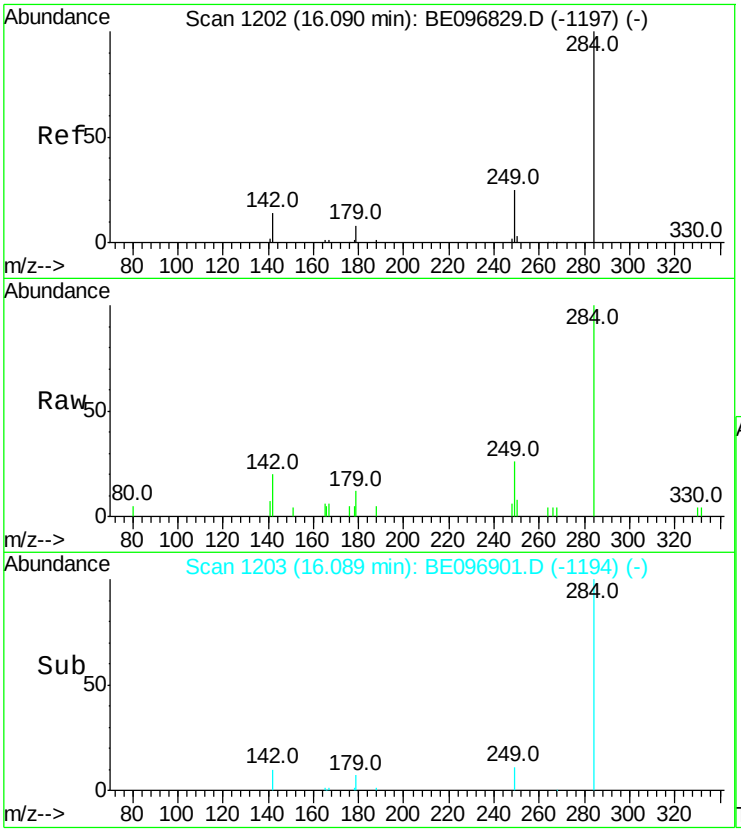


#20
4-Bromophenyl-phenylether
Concen: 0.352 ng
RT: 15.98 min Scan# 1194
Delta R.T. -0.00 min
Lab File: BE096901.D
Acq: 13 Jul 2018 11:42

Tgt Ion:248 Resp: 1376

Ion	Ratio	Lower	Upper
248	100		
250	103.9	62.7	94.1#
141	54.2	48.2	72.2



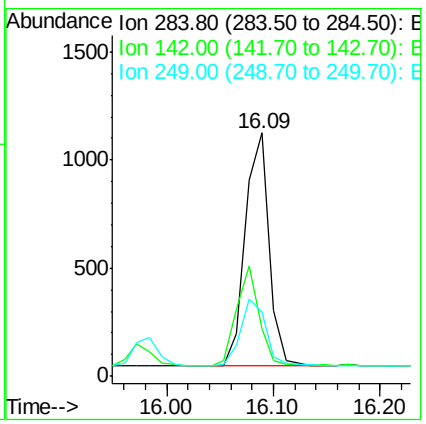


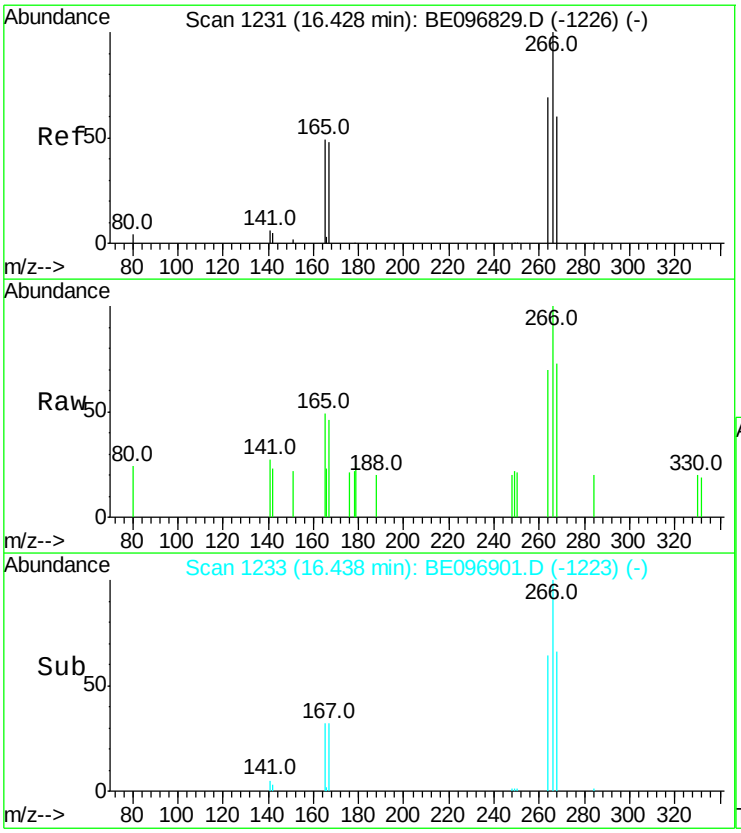
#21
Hexachlorobenzene
Concen: 0.378 ng
RT: 16.09 min Scan# 1203
Delta R.T. -0.00 min
Lab File: BE096901.D
Acq: 13 Jul 2018 11:42

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:284 Resp: 1683

Ion	Ratio	Lower	Upper
284	100		
142	38.9	22.1	33.1#
249	29.9	34.8	52.2#

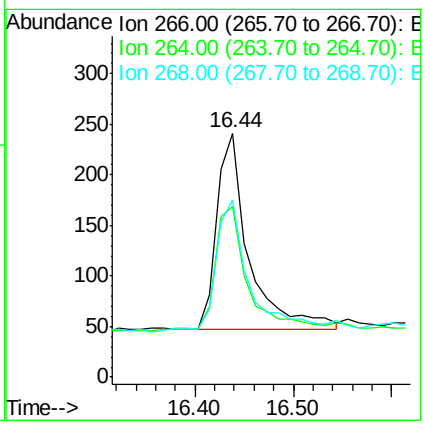


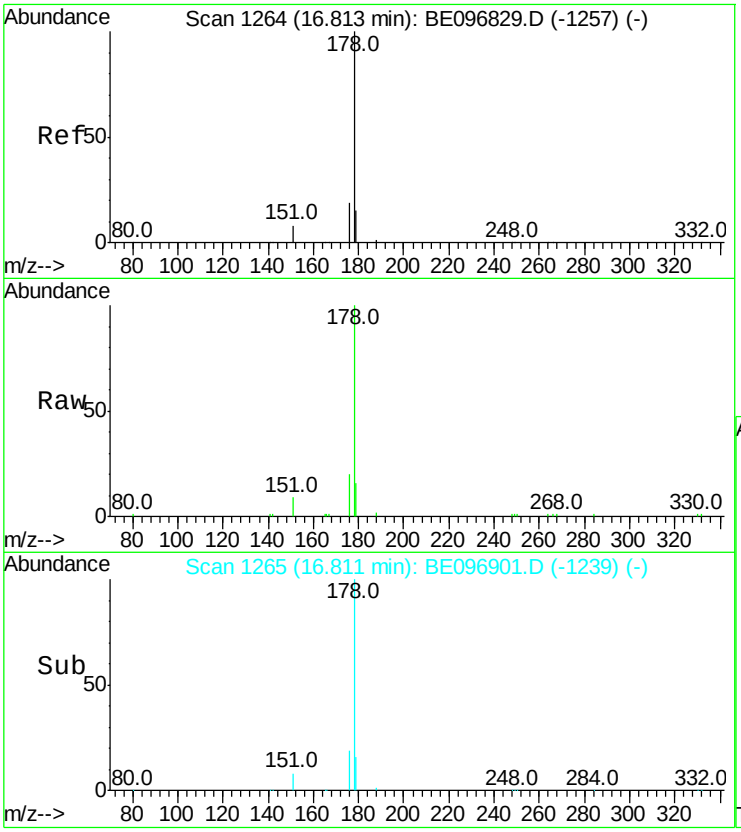


#22
Pentachlorophenol
Concen: 0.596 ng
RT: 16.44 min Scan# 1233
Delta R.T. 0.01 min
Lab File: BE096901.D
Acq: 13 Jul 2018 11:42

Tgt Ion:266 Resp: 431

Ion	Ratio	Lower	Upper
266	100		
264	70.1	72.5	108.7#
268	72.6	73.8	110.6#



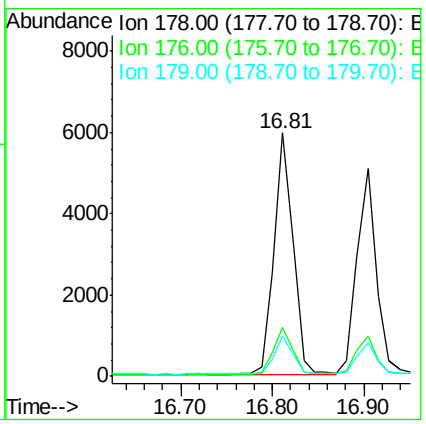


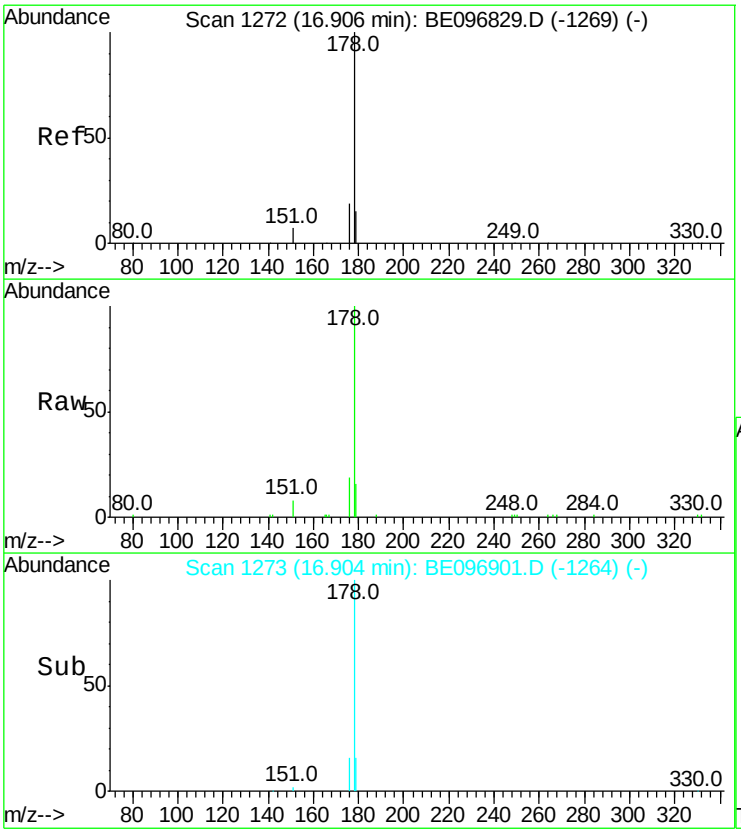
#23
Phenanthrene
Concen: 0.398 ng
RT: 16.81 min Scan# 1265
Delta R.T. -0.00 min
Lab File: BE096901.D
Acq: 13 Jul 2018 11:42

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:178 Resp: 8490

Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.1	22.7
179	15.2	11.8	17.6

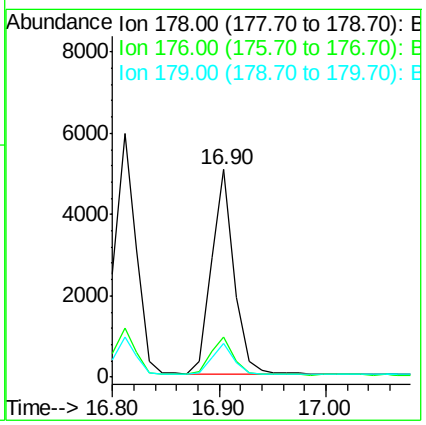


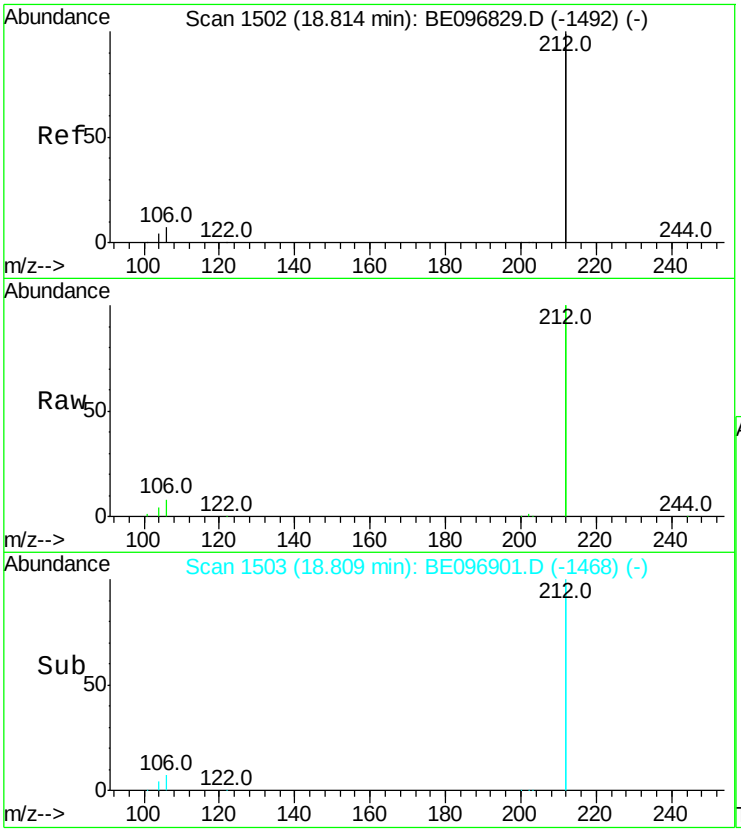


#24
Anthracene
Concen: 0.418 ng
RT: 16.90 min Scan# 1273
Delta R.T. -0.00 min
Lab File: BE096901.D
Acq: 13 Jul 2018 11:42

Tgt Ion:178 Resp: 7383

Ion	Ratio	Lower	Upper
178	100		
176	18.9	12.8	19.2
179	15.2	13.0	19.6



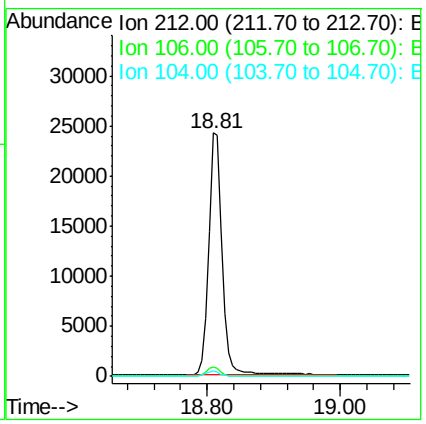


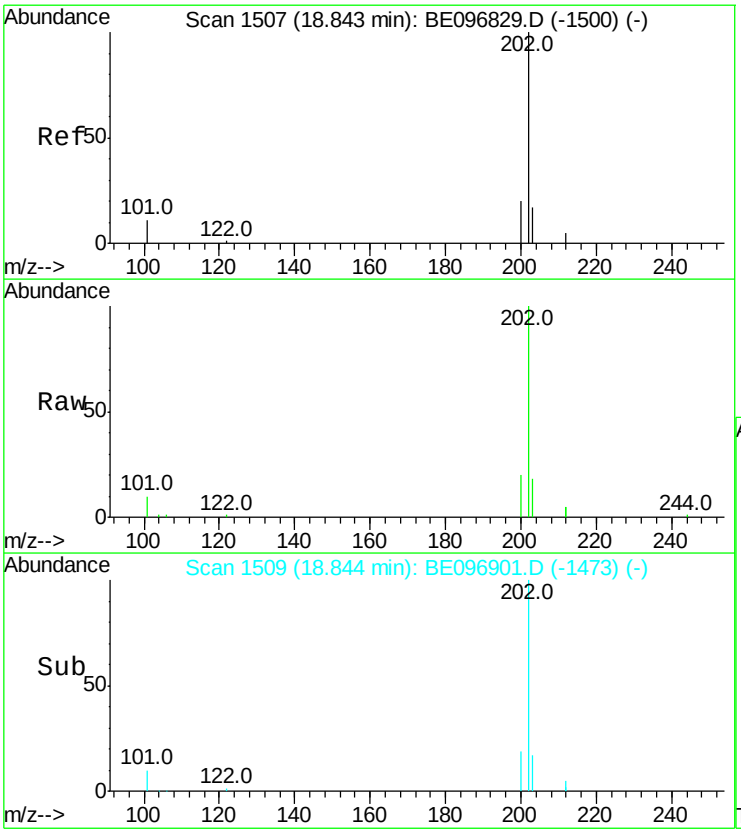
#25
Fluoranthene-d10
Concen: 0.435 ng
RT: 18.81 min Scan# 1503
Delta R.T. -0.00 min
Lab File: BE096901.D
Acq: 13 Jul 2018 11:42

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:212 Resp: 33187

Ion	Ratio	Lower	Upper
212	100		
106	3.5	2.8	4.2
104	1.8	1.6	2.4

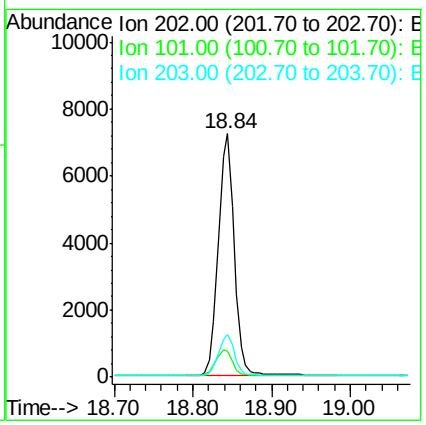


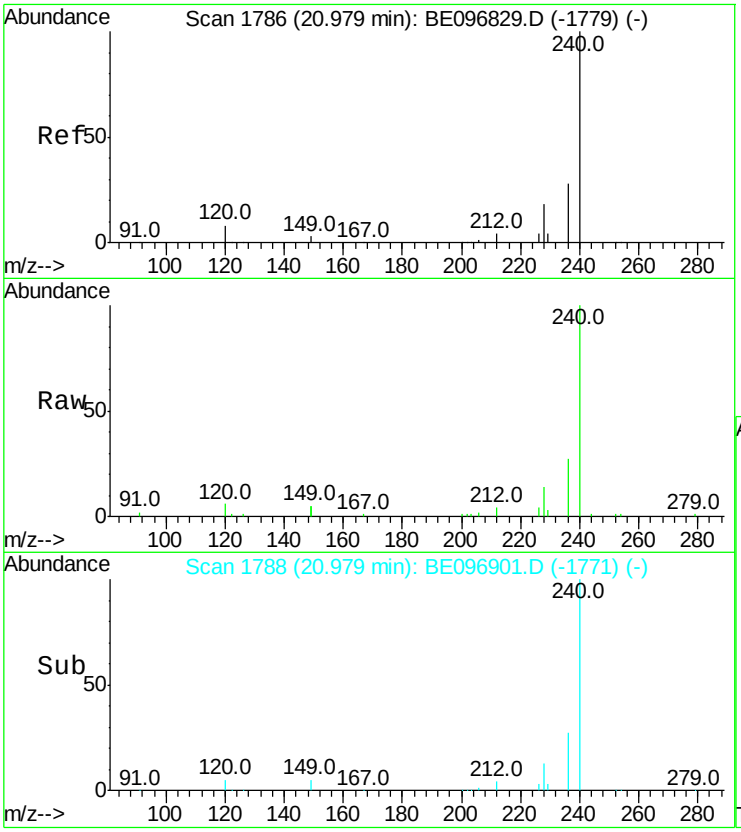


#26
Fluoranthene
Concen: 0.466 ng
RT: 18.84 min Scan# 1509
Delta R.T. 0.00 min
Lab File: BE096901.D
Acq: 13 Jul 2018 11:42

Tgt Ion:202 Resp: 10037

Ion	Ratio	Lower	Upper
202	100		
101	10.9	9.8	14.8
203	16.9	13.7	20.5



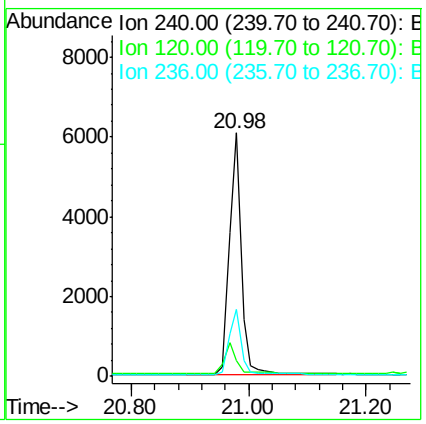


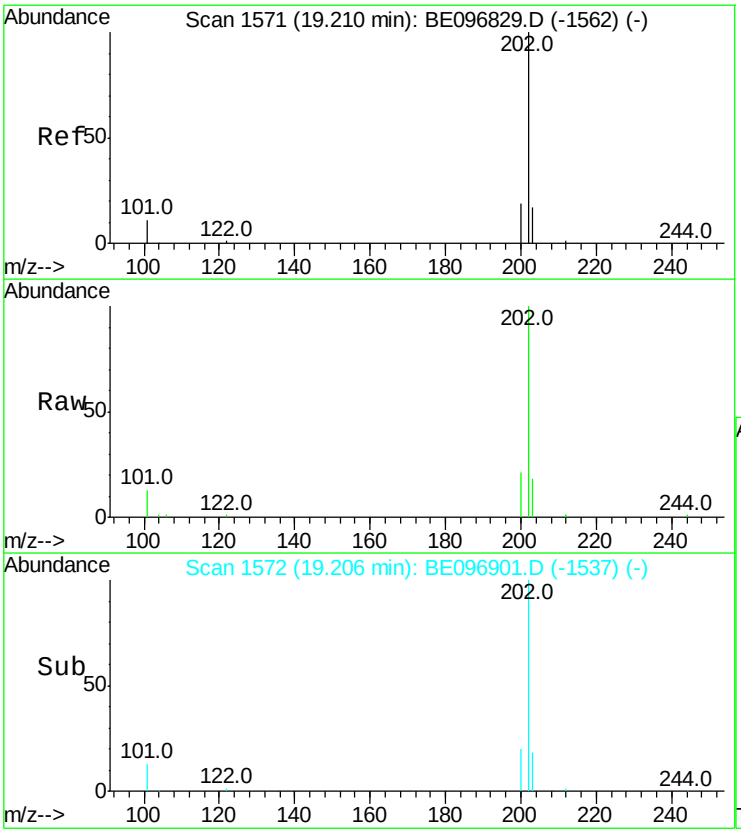
#27
Chrysene-d12
Concen: 0.400 ng
RT: 20.98 min Scan# 1788
Delta R.T. 0.00 min
Lab File: BE096901.D
Acq: 13 Jul 2018 11:42

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:240 Resp: 8631

Ion	Ratio	Lower	Upper
240	100		
120	6.4	5.5	8.3
236	27.5	20.7	31.1

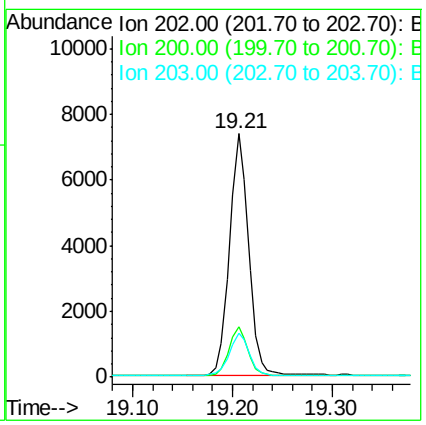


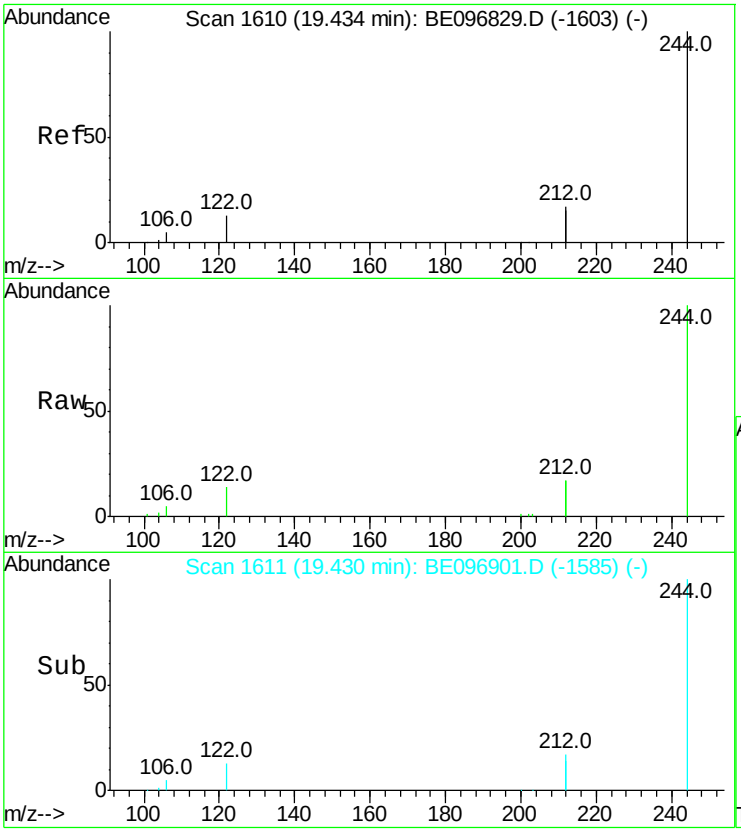


#28
Pyrene
Concen: 0.392 ng
RT: 19.21 min Scan# 1572
Delta R.T. -0.00 min
Lab File: BE096901.D
Acq: 13 Jul 2018 11:42

Tgt Ion:202 Resp: 9791

Ion	Ratio	Lower	Upper
202	100		
200	19.8	16.6	25.0
203	18.0	13.8	20.8



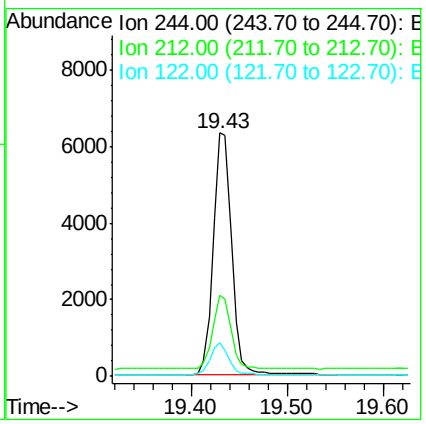


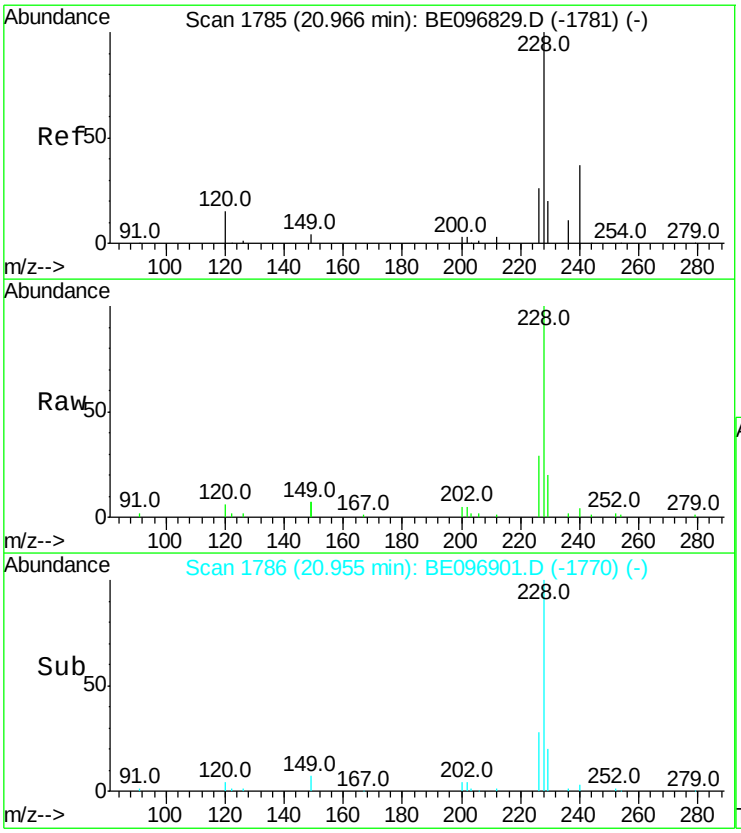
#29
Terphenyl-d14
Concen: 0.509 ng
RT: 19.43 min Scan# 1611
Delta R.T. -0.00 min
Lab File: BE096901.D
Acq: 13 Jul 2018 11:42

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:244 Resp: 8477

Ion	Ratio	Lower	Upper
244	100		
212	33.4	25.4	38.0
122	13.9	8.1	12.1#

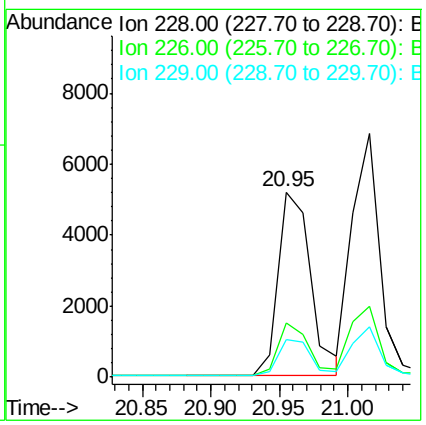


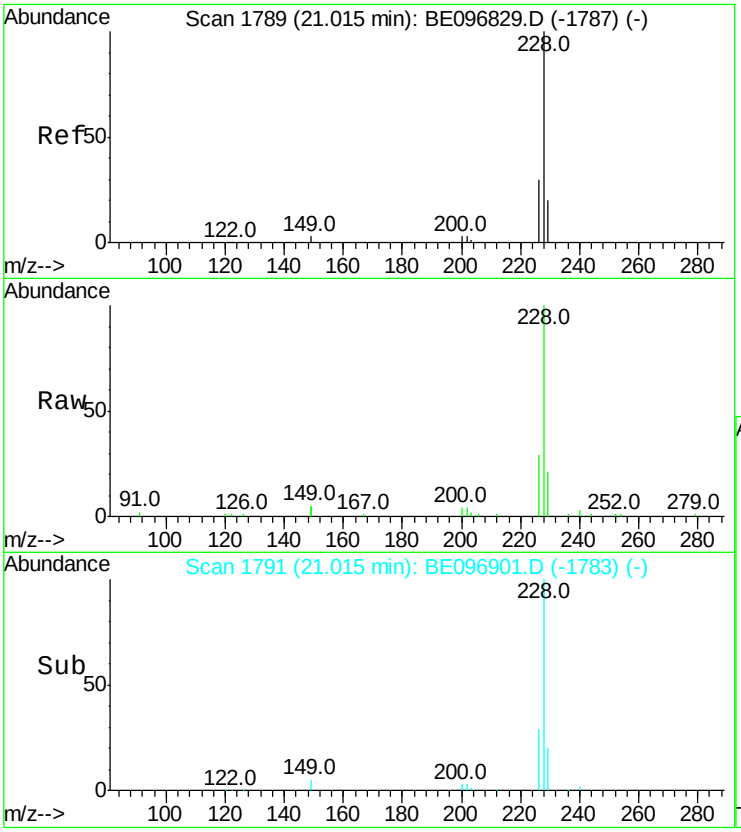


#30
Benzo(a)anthracene
Concen: 0.445 ng
RT: 20.95 min Scan# 1786
Delta R.T. -0.01 min
Lab File: BE096901.D
Acq: 13 Jul 2018 11:42

Tgt Ion:228 Resp: 8518

Ion	Ratio	Lower	Upper
228	100		
226	29.1	24.0	36.0
229	20.5	16.0	24.0



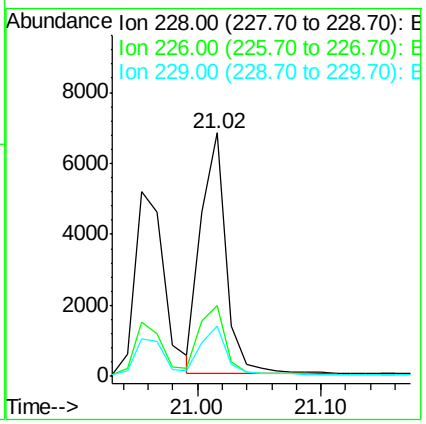


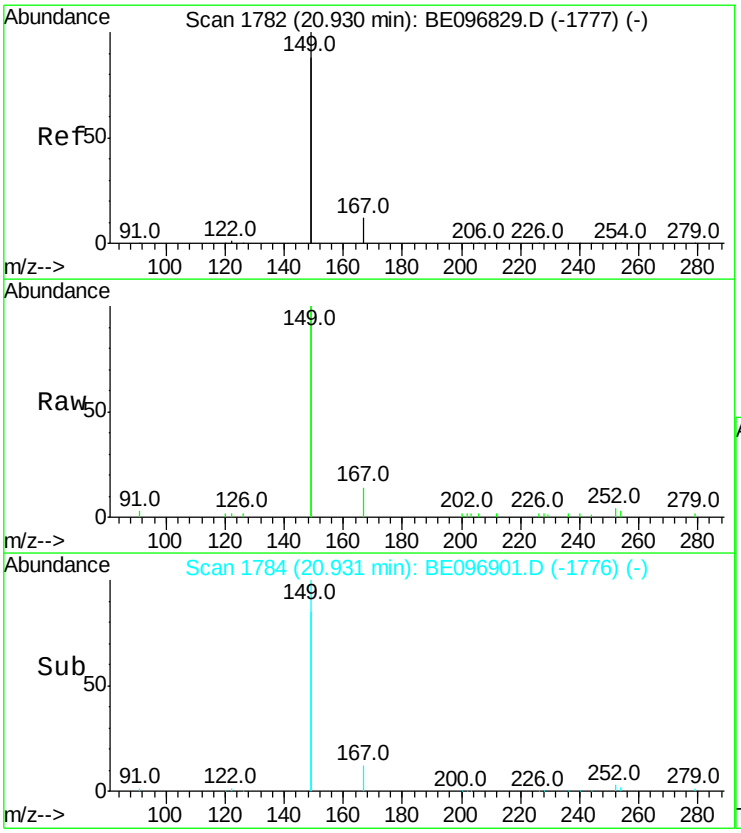
#31
Chrysene
Concen: 0.401 ng
RT: 21.02 min Scan# 1791
Delta R.T. 0.00 min
Lab File: BE096901.D
Acq: 13 Jul 2018 11:42

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:228 Resp: 9464

Ion	Ratio	Lower	Upper
228	100		
226	29.3	24.0	36.0
229	20.9	16.0	24.0

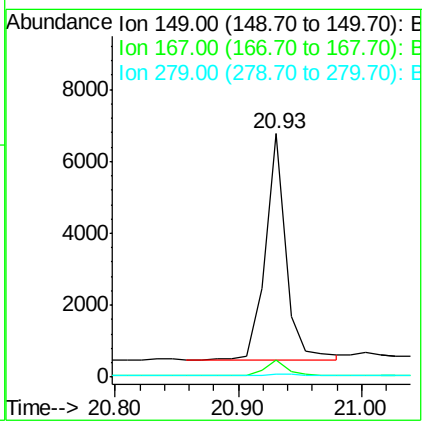


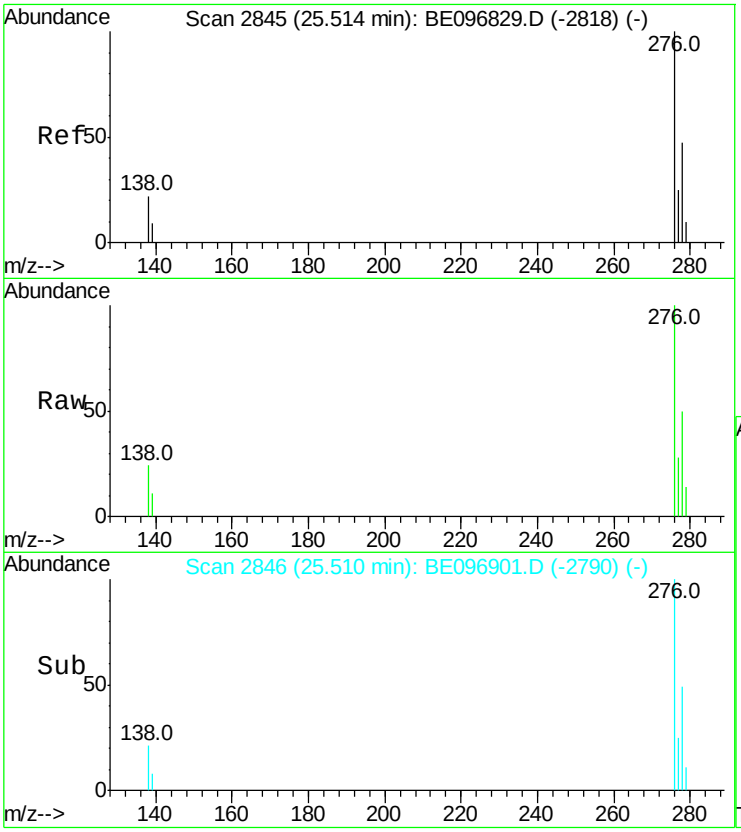


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.434 ng
RT: 20.93 min Scan# 1784
Delta R.T. 0.00 min
Lab File: BE096901.D
Acq: 13 Jul 2018 11:42

Tgt Ion:149 Resp: 7439

Ion	Ratio	Lower	Upper
149	100		
167	6.6	5.4	8.0
279	1.2	0.7	1.1#



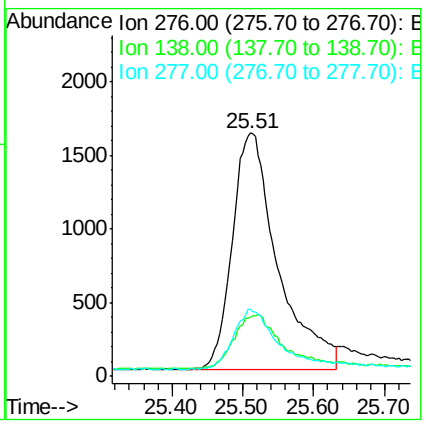


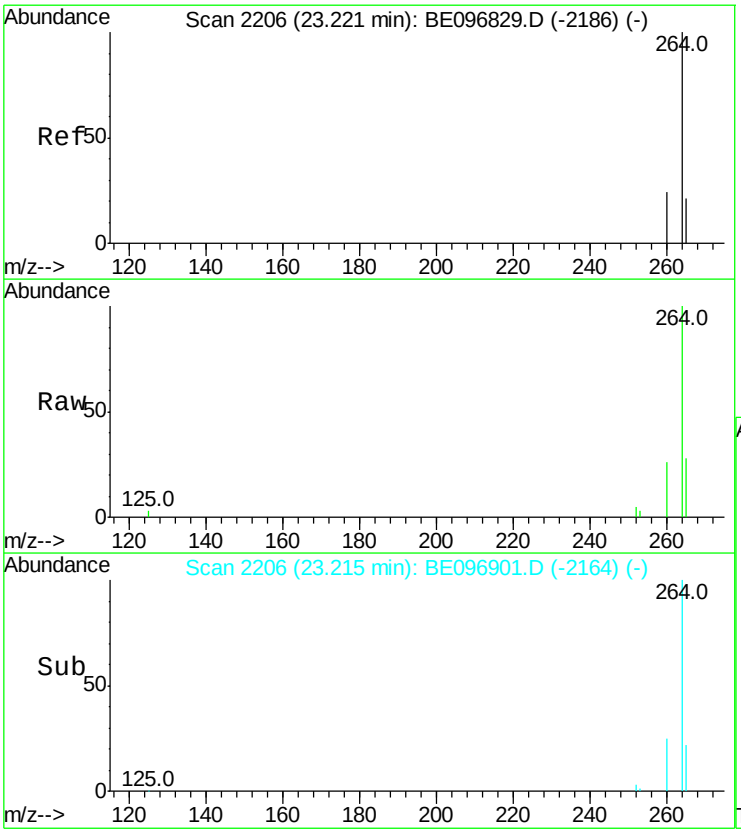
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.410 ng
RT: 25.51 min Scan# 2846
Delta R.T. -0.00 min
Lab File: BE096901.D
Acq: 13 Jul 2018 11:42

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 7194

Ion	Ratio	Lower	Upper
276	100		
138	24.0	22.5	33.7
277	24.8	19.9	29.9

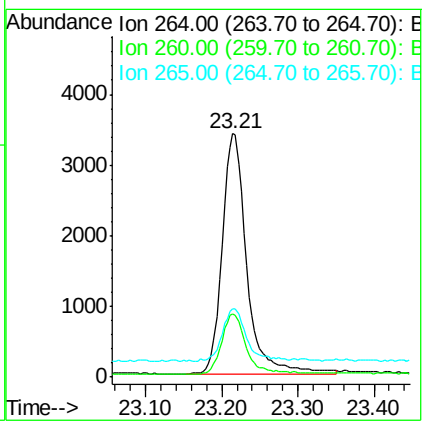


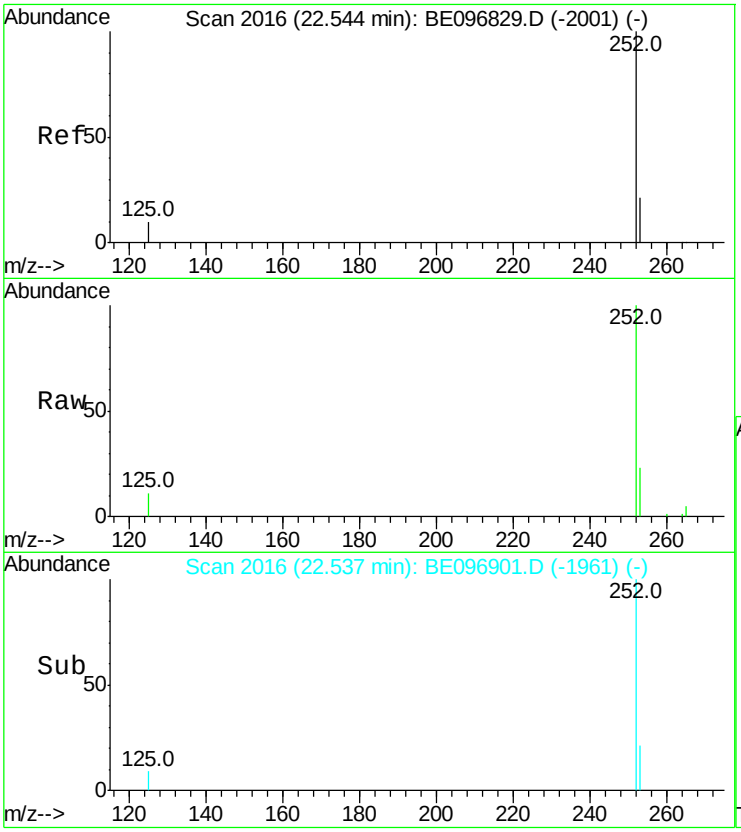


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.21 min Scan# 2206
Delta R.T. 0.00 min
Lab File: BE096901.D
Acq: 13 Jul 2018 11:42

Tgt Ion:264 Resp: 7551

Ion	Ratio	Lower	Upper
264	100		
260	26.0	20.5	30.7
265	28.2	22.8	34.2



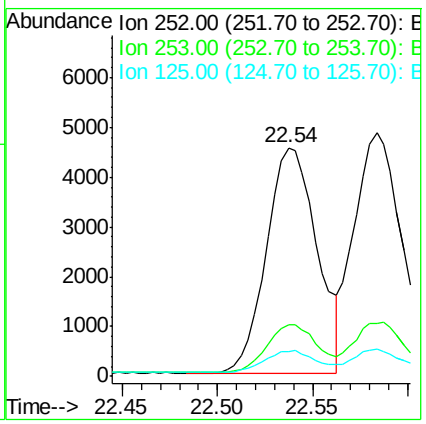


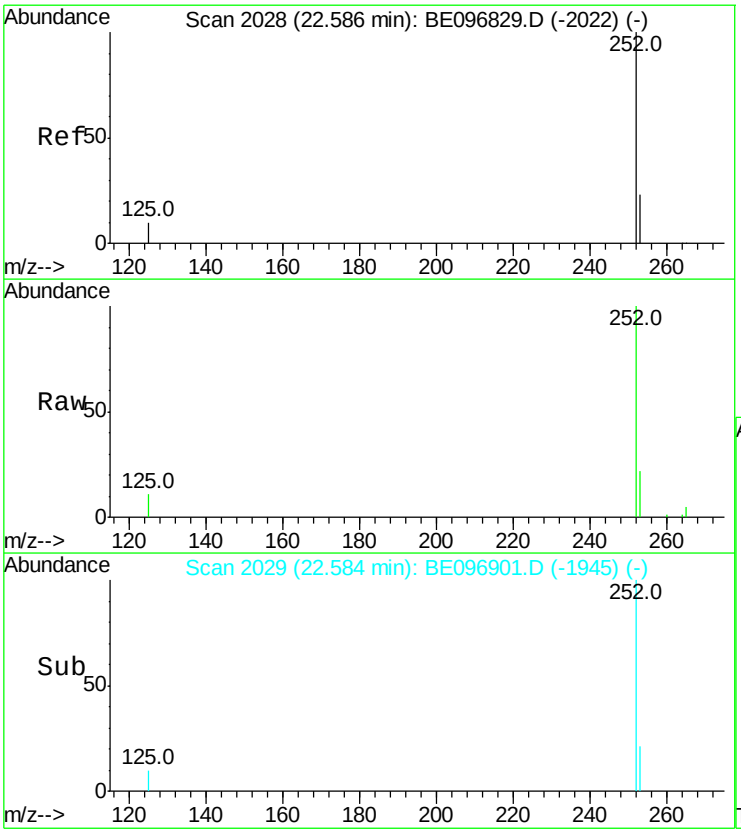
#35
Benzo(b)fluoranthene
Concen: 0.407 ng
RT: 22.54 min Scan# 2016
Delta R.T. -0.00 min
Lab File: BE096901.D
Acq: 13 Jul 2018 11:42

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 8381

Ion	Ratio	Lower	Upper
252	100		
253	22.6	20.0	30.0
125	10.9	16.0	24.0#

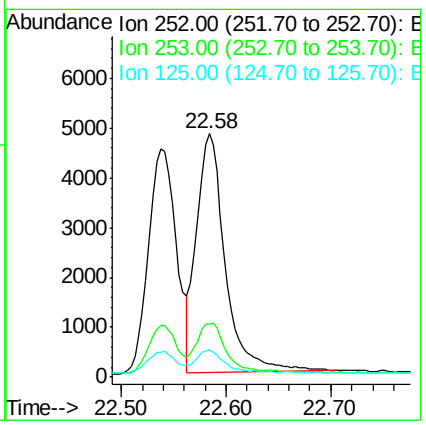


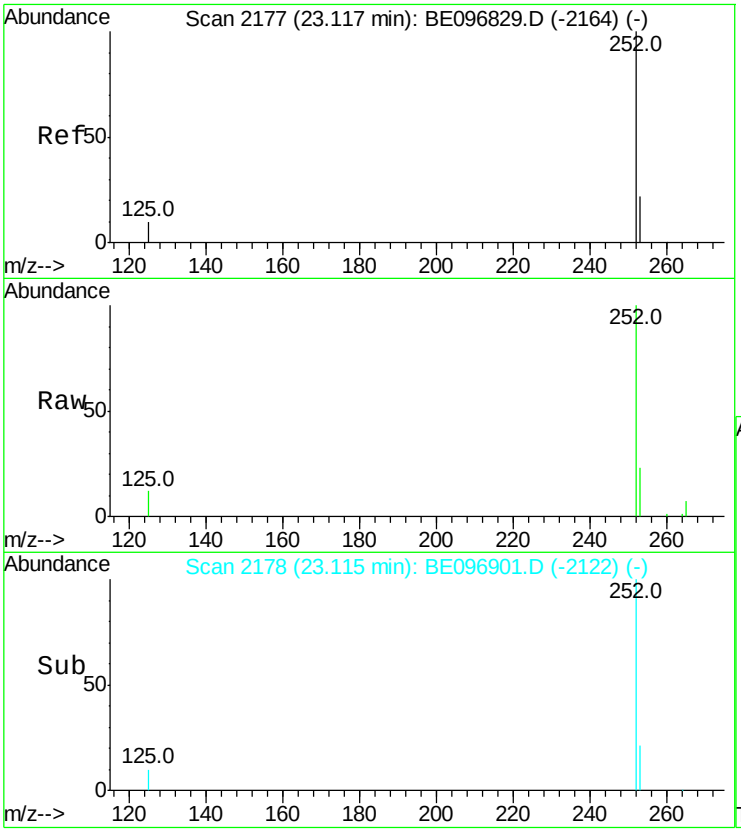


#36
Benzo(k)fluoranthene
Concen: 0.399 ng
RT: 22.58 min Scan# 2029
Delta R.T. 0.00 min
Lab File: BE096901.D
Acq: 13 Jul 2018 11:42

Tgt Ion:252 Resp: 9107

Ion	Ratio	Lower	Upper
252	100		
253	22.0	16.0	24.0
125	11.3	8.0	12.0



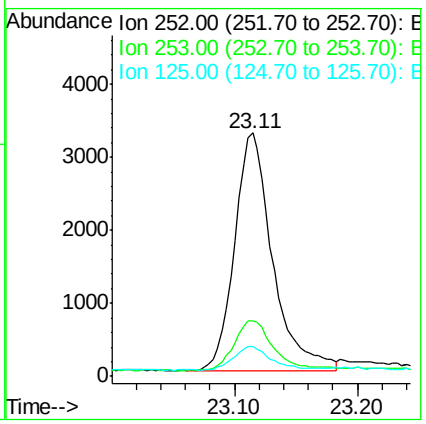


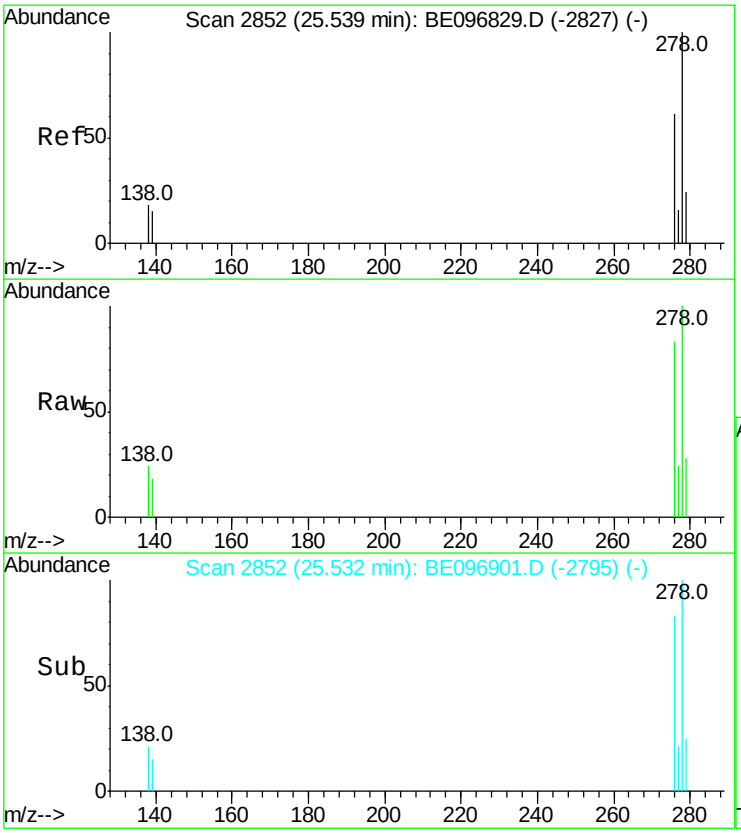
#37
Benzo(a)pyrene
Concen: 0.425 ng
RT: 23.11 min Scan# 2178
Delta R.T. 0.00 min
Lab File: BE096901.D
Acq: 13 Jul 2018 11:42

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 6956

Ion	Ratio	Lower	Upper
252	100		
253	22.8	16.0	24.0
125	12.3	12.0	18.0

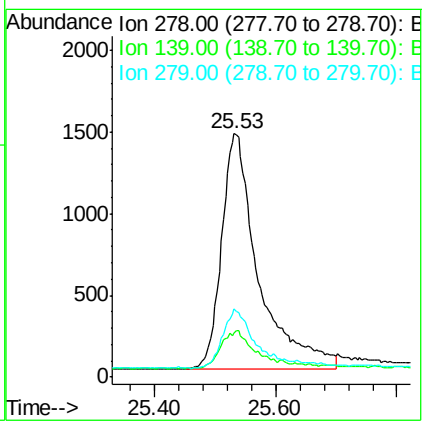


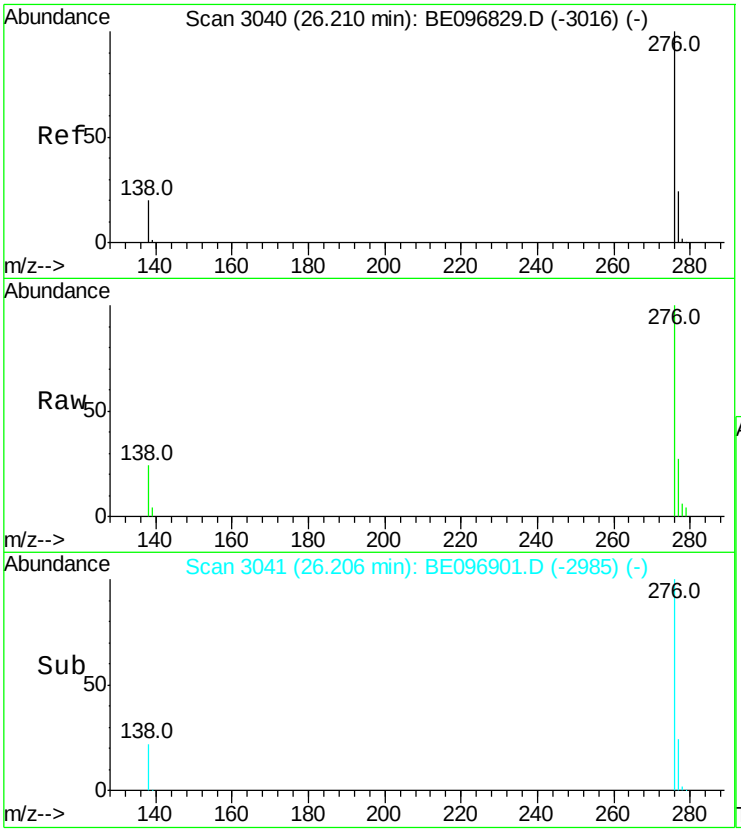


#38
Dibenzo(a,h)anthracene
Concen: 0.385 ng
RT: 25.53 min Scan# 2852
Delta R.T. 0.00 min
Lab File: BE096901.D
Acq: 13 Jul 2018 11:42

Tgt Ion:278 Resp: 6102

Ion	Ratio	Lower	Upper
278	100		
139	18.1	16.0	24.0
279	28.0	20.0	30.0





#39
Benzo(g,h,i)perylene
Concen: 0.371 ng
RT: 26.21 min Scan# 3041
Delta R.T. -0.00 min
Lab File: BE096901.D
Acq: 13 Jul 2018 11:42

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 6787

Ion	Ratio	Lower	Upper
276	100		
277	26.6	16.0	24.0#
138	24.1	20.0	30.0