Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE071318\
Data File : BE096900.D
Acq On : 13 Jul 2018 11:05
Operator : SJ/JU
Sample : PB111075BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : PB111075BS

Quant Time: Jul 13 17:03:15 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	2056	0.40	ng		0.00
7) Naphthalene-d8	10.15	136	8695	0.40	ng		0.00
13) Acenaphthene-d10	14.03	164	3561	0.40	ng		0.00
19) Phenanthrene-d10	16.77	188	8208	0.40	ng		0.00
27) Chrysene-d12	20.98	240	8670	0.40	ng		0.00
34) Perylene-d12	23.21	264	9196	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.06	112	1997	0.43	ng		0.00
5) Phenol-d6	6.59	99	2515	0.37	ng		0.00
8) Nitrobenzene-d5	8.53	82	2486	0.47	ng		0.00
11) 2-Methylnaphthalene-d10	11.73	152	5551	0.44	ng		0.00
14) 2,4,6-Tribromophenol	15.52	330	215	0.34	ng		0.00
15) 2-Fluorobiphenyl	12.64	172	5894	0.45	ng		0.00
25) Fluoranthene-d10	18.81	212	32427	0.45	ng		0.00
29) Terphenyl-d14	19.44	244	8173	0.49	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.12	88	1099	0.357	ng	#	76
3) n-Nitrosodimethylamine	3.39	42	1410	0.432	ng	#	92
6) bis(2-Chloroethyl)ether	6.85	93	2702	0.359	ng		97
9) Naphthalene	10.20	128	32218	0.408	ng		100
10) Hexachlorobutadiene	10.50	225	1260	0.384	ng		98
12) 2-Methylnaphthalene	11.81	142	4947	0.378	ng		99
16) Acenaphthylene	13.74	152	6168	0.399	ng		99
17) Acenaphthene	14.08	154	3974	0.389	ng		94
18) Fluorene	15.08	166	4285	0.357	ng	#	81
20) 4-Bromophenyl-phenylether	15.99	248	1396	0.377	ng	#	73
21) Hexachlorobenzene	16.08	284	1598	0.379	ng	#	80
22) Pentachlorophenol	16.43	266	481	0.680	ng	#	73
23) Phenanthrene	16.81	178	8156	0.404	ng		98
24) Anthracene	16.91	178	7134	0.427	ng		97
26) Fluoranthene	18.84	202	9792	0.480	ng		98
28) Pyrene	19.21	202	9490	0.378	ng		99
30) Benzo(a)anthracene	20.95	228	8535	0.444	ng		98
31) Chrysene	21.01	228	9506	0.401	ng		99
32) Bis(2-ethylhexyl)phthalate	20.93	149	7091	0.412	ng		100
33) Indeno(1,2,3-cd)pyrene	25.51	276	8675	0.492	ng	#	81
35) Benzo(b)fluoranthene	22.54	252	8657	0.345	ng	#	88
36) Benzo(k)fluoranthene	22.58	252	9495	0.353	ng		95
37) Benzo(a)pyrene	23.11	252	7424	0.373	ng		92
38) Dibenzo(a,h)anthracene	25.54	278	7044	0.371	ng		97
39) Benzo(g,h,i)perylene	26.20	276	7816	0.351	ng	#	92

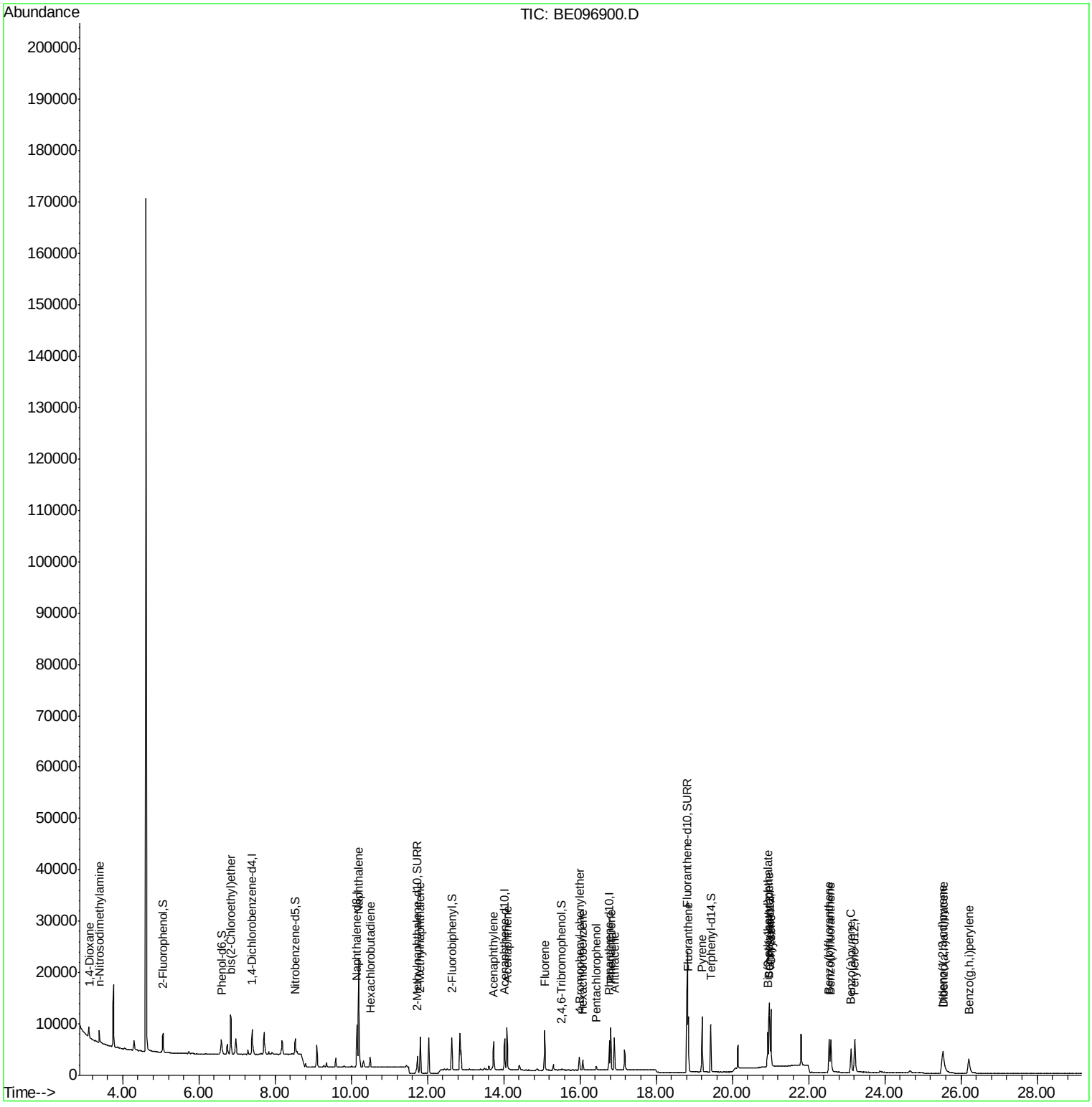
(#) = qualifier out of range (m) = manual integration (+) = signals summed

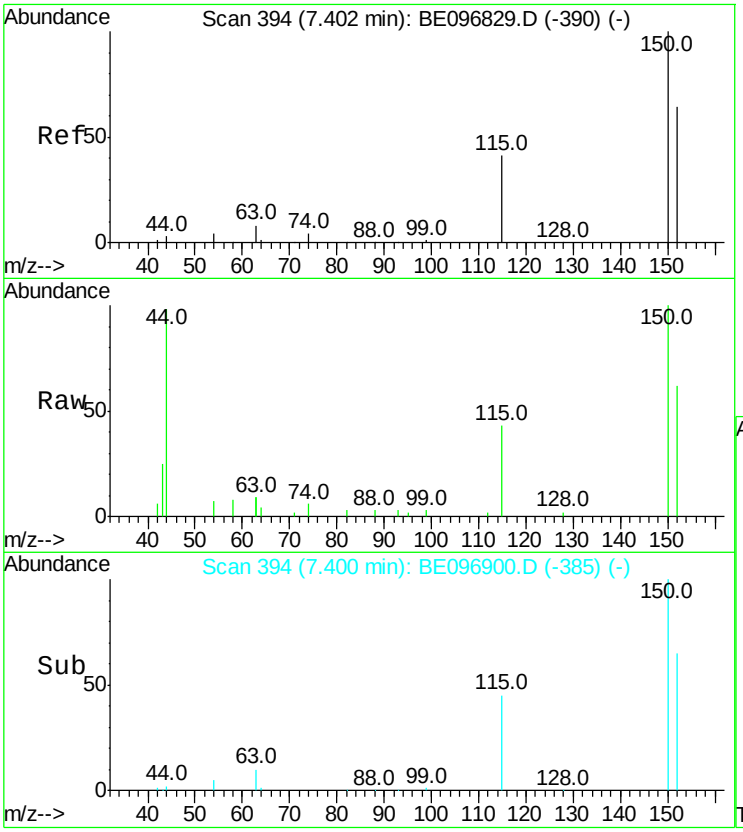
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE071318\
Data File : BE096900.D
Acq On : 13 Jul 2018 11:05
Operator : SJ/JU
Sample : PB111075BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
PB111075BS

Quant Time: Jul 13 17:03:15 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



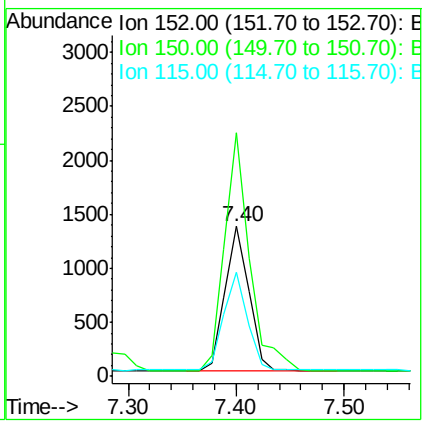


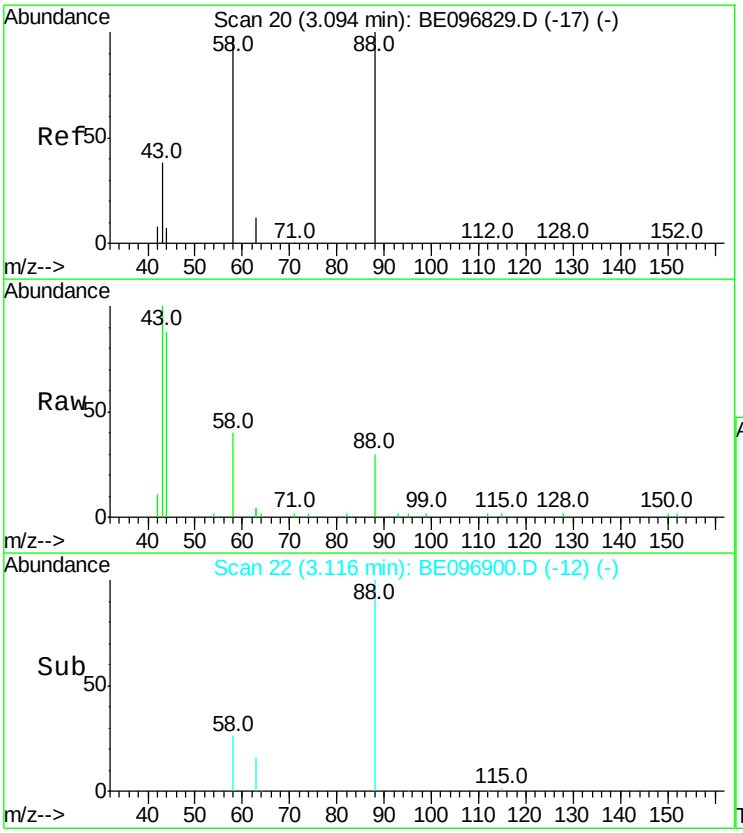
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.40 min Scan# 394
Delta R.T. 0.01 min
Lab File: BE096900.D
Acq: 13 Jul 2018 11:05

Instrument :
BNA_E
ClientSampleId :
PB111075BS

Tgt Ion:152 Resp: 2056

Ion	Ratio	Lower	Upper
152	100		
150	162.6	117.2	175.8
115	69.5	57.0	85.6

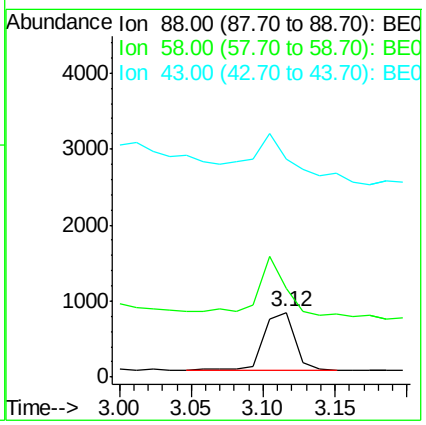


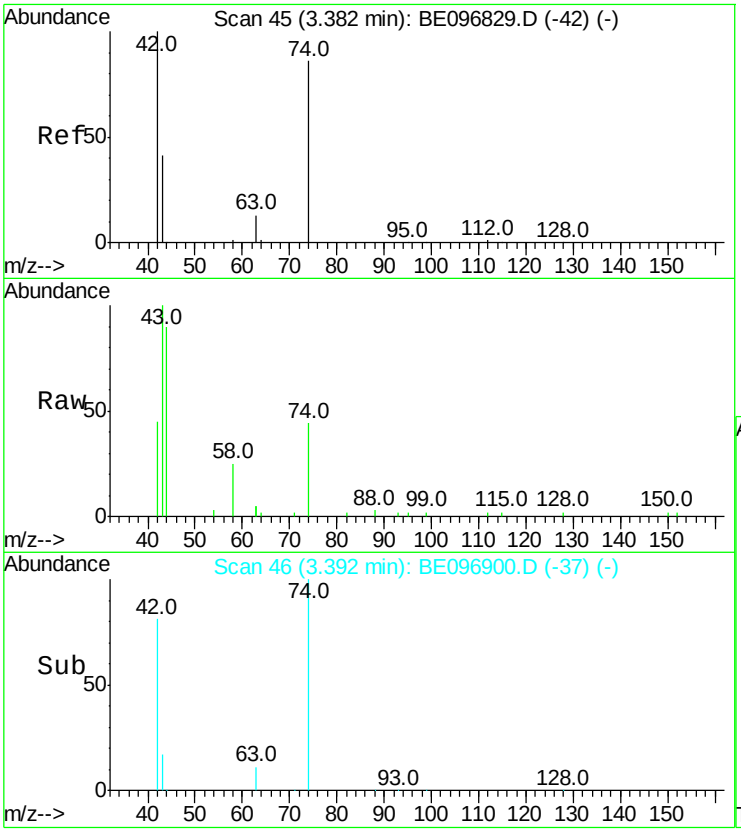


#2
1,4-Dioxane
Concen: 0.357 ng
RT: 3.12 min Scan# 22
Delta R.T. 0.02 min
Lab File: BE096900.D
Acq: 13 Jul 2018 11:05

Tgt Ion: 88 Resp: 1099

Ion	Ratio	Lower	Upper
88	100		
58	90.0	63.2	94.8
43	79.7	41.2	61.8#



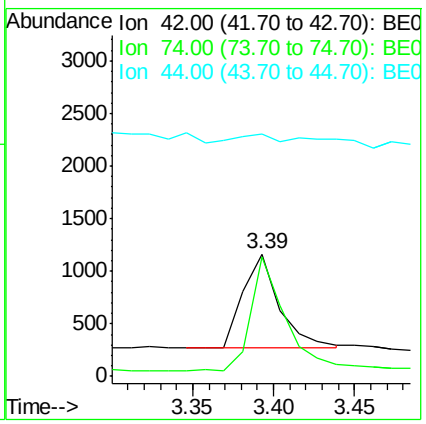


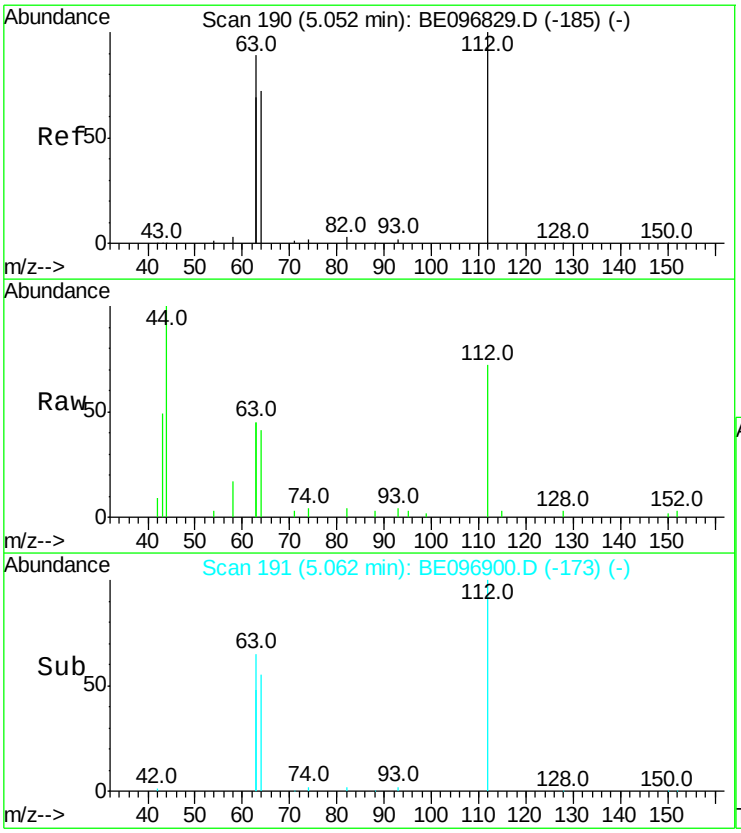
#3
n-Nitrosodimethylamine
Concen: 0.432 ng
RT: 3.39 min Scan# 46
Delta R.T. 0.01 min
Lab File: BE096900.D
Acq: 13 Jul 2018 11:05

Instrument :
BNA_E
ClientSampleId :
PB111075BS

Tgt Ion: 42 Resp: 1410

Ion	Ratio	Lower	Upper
42	100		
74	112.7	96.0	144.0
44	6.0	12.0	18.0#

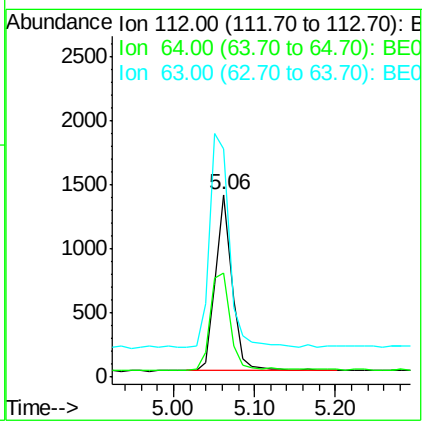


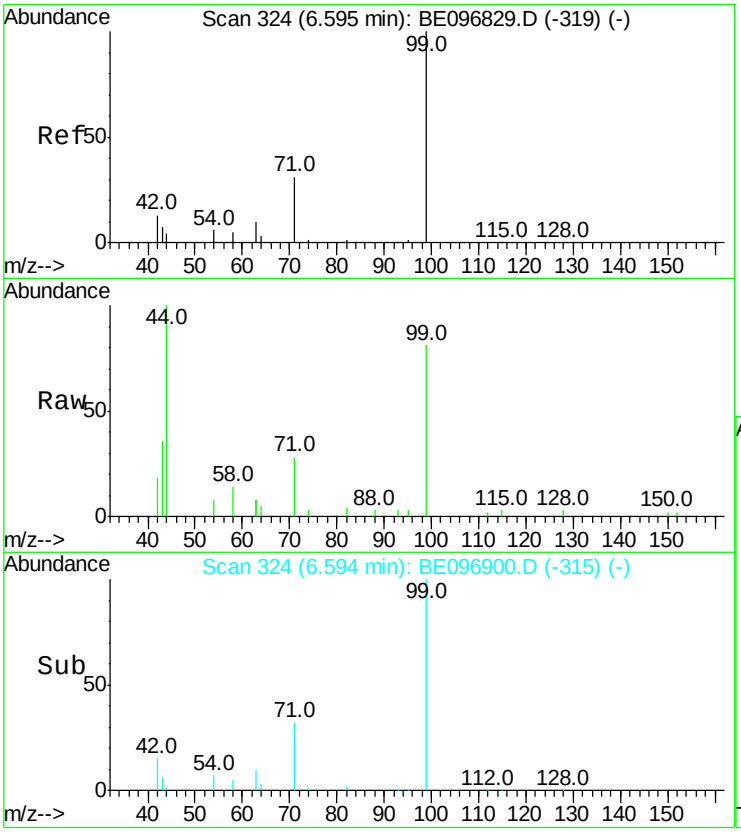


#4
2-Fluorophenol
Concen: 0.435 ng
RT: 5.06 min Scan# 191
Delta R.T. 0.01 min
Lab File: BE096900.D
Acq: 13 Jul 2018 11:05

Tgt Ion:112 Resp: 1997

Ion	Ratio	Lower	Upper
112	100		
64	67.3	60.1	90.1
63	142.7	116.8	175.2



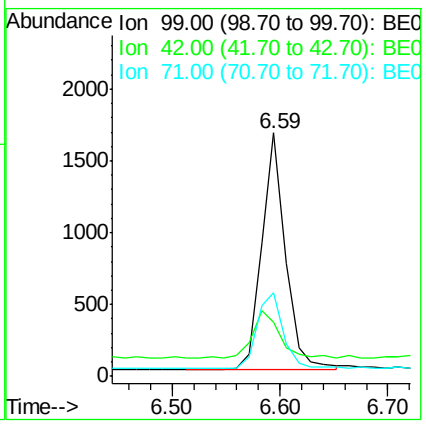


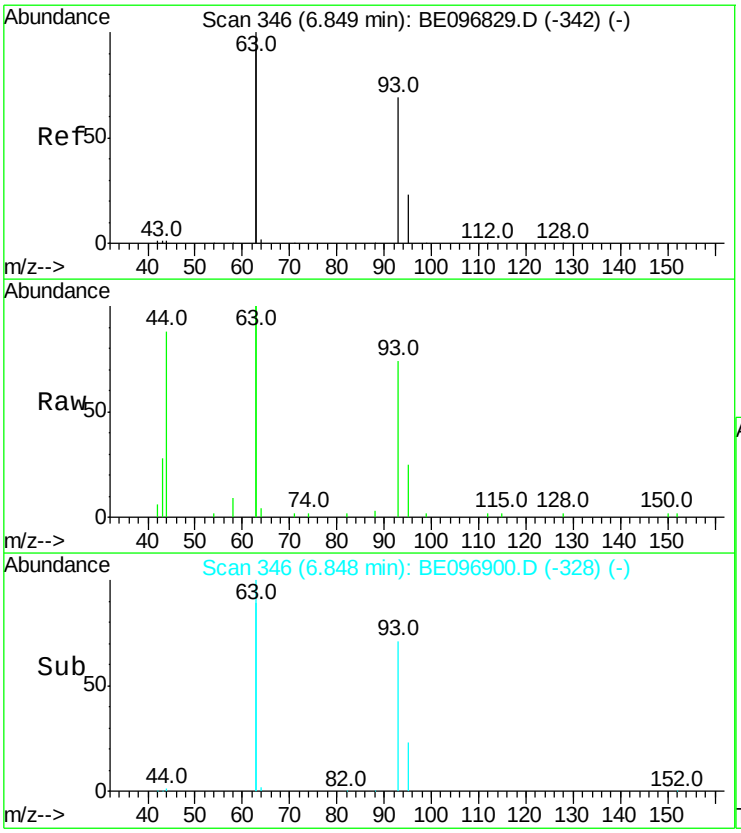
#5
Phenol-d6
Concen: 0.367 ng
RT: 6.59 min Scan# 324
Delta R.T. 0.01 min
Lab File: BE096900.D
Acq: 13 Jul 2018 11:05

Instrument :
BNA_E
ClientSampleId :
PB111075BS

Tgt Ion: 99 Resp: 2515

Ion	Ratio	Lower	Upper
99	100		
42	24.7	20.2	30.2
71	35.9	28.4	42.6

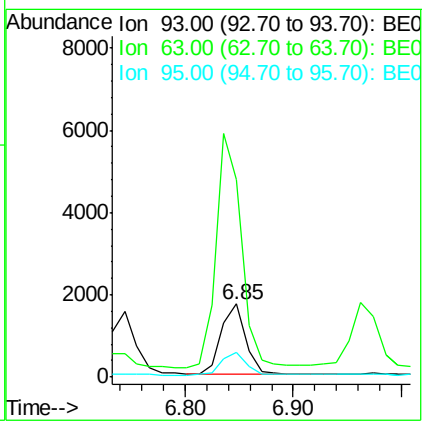


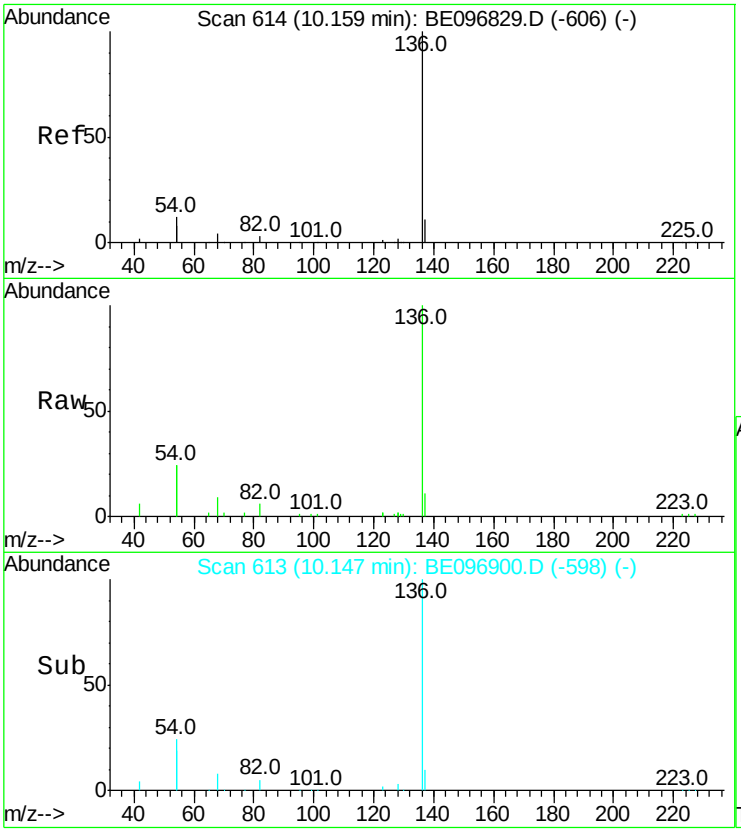


#6
bis(2-Chloroethyl)ether
Concen: 0.359 ng
RT: 6.85 min Scan# 346
Delta R.T. 0.01 min
Lab File: BE096900.D
Acq: 13 Jul 2018 11:05

Tgt Ion: 93 Resp: 2702

Ion	Ratio	Lower	Upper
93	100		
63	338.3	275.3	412.9
95	32.8	25.2	37.8



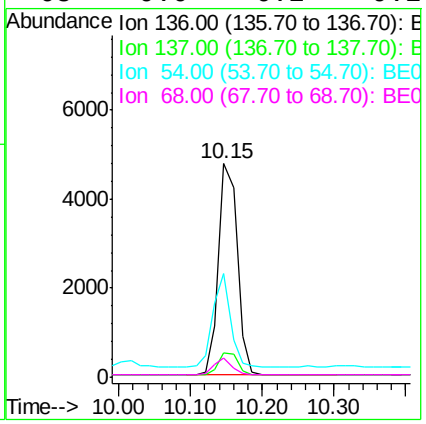


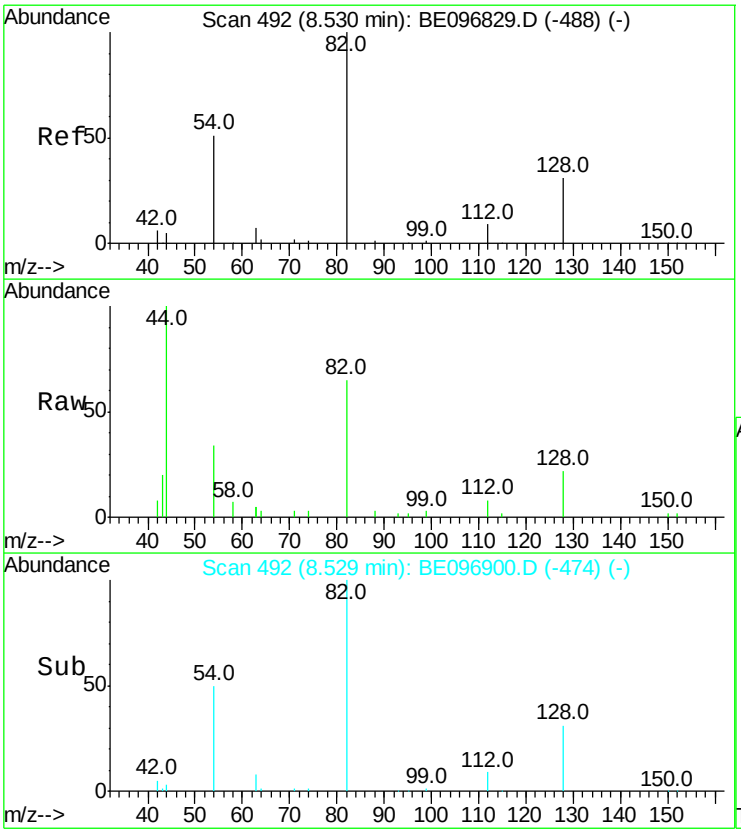
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.15 min Scan# 613
Delta R.T. 0.00 min
Lab File: BE096900.D
Acq: 13 Jul 2018 11:05

Instrument :
BNA_E
ClientSampleId :
PB111075BS

Tgt Ion:136 Resp: 8695

Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.5	14.3
54	48.4	29.1	43.7#
68	9.0	6.2	9.2

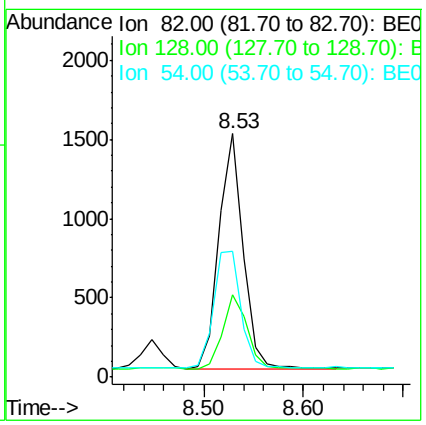


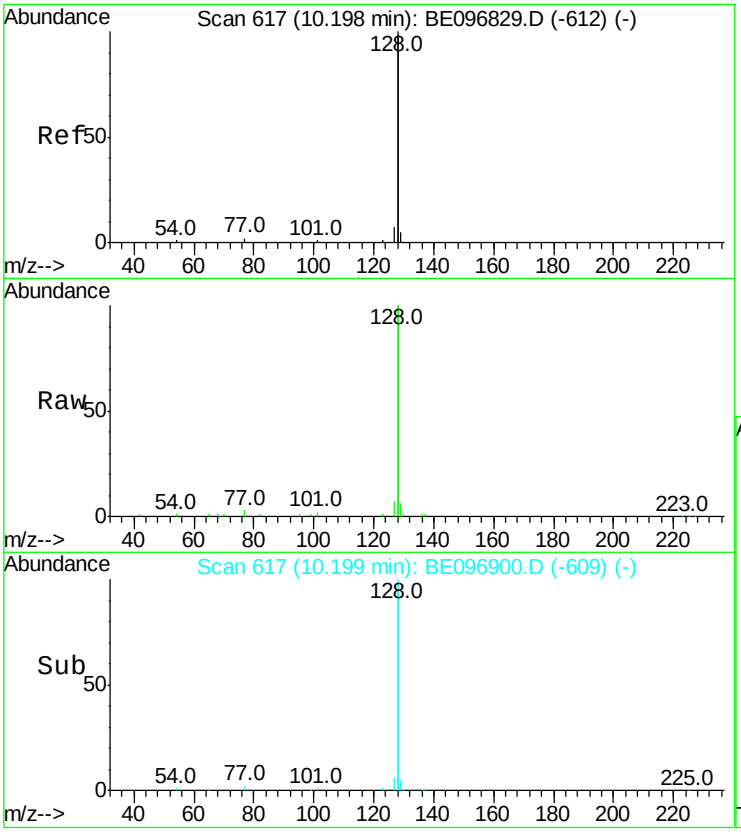


#8
Nitrobenzene-d5
Concen: 0.472 ng
RT: 8.53 min Scan# 492
Delta R.T. 0.01 min
Lab File: BE096900.D
Acq: 13 Jul 2018 11:05

Tgt Ion: 82 Resp: 2486

Ion	Ratio	Lower	Upper
82	100		
128	33.7	24.0	36.0
54	51.9	40.0	60.0



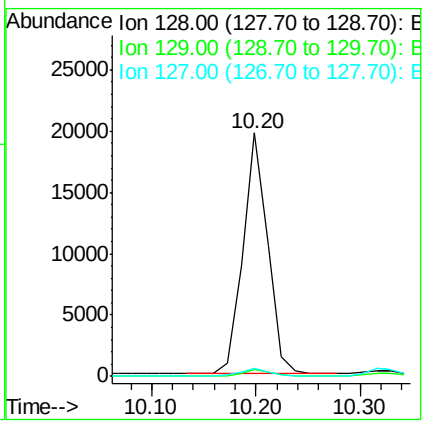


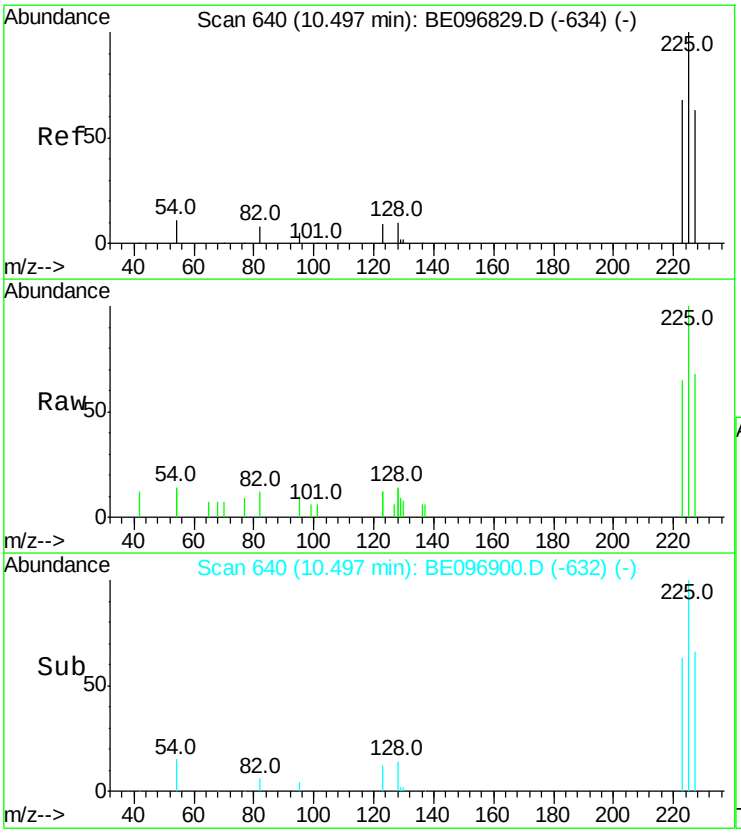
#9
Naphthalene
Concen: 0.408 ng
RT: 10.20 min Scan# 617
Delta R.T. 0.00 min
Lab File: BE096900.D
Acq: 13 Jul 2018 11:05

Instrument :
BNA_E
ClientSampleId :
PB111075BS

Tgt Ion:128 Resp: 32218

Ion	Ratio	Lower	Upper
128	100		
129	3.0	2.6	3.8
127	3.4	2.8	4.2

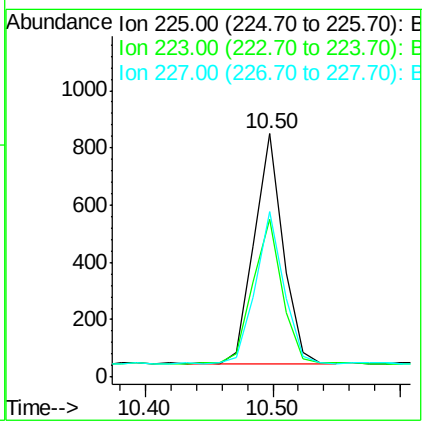


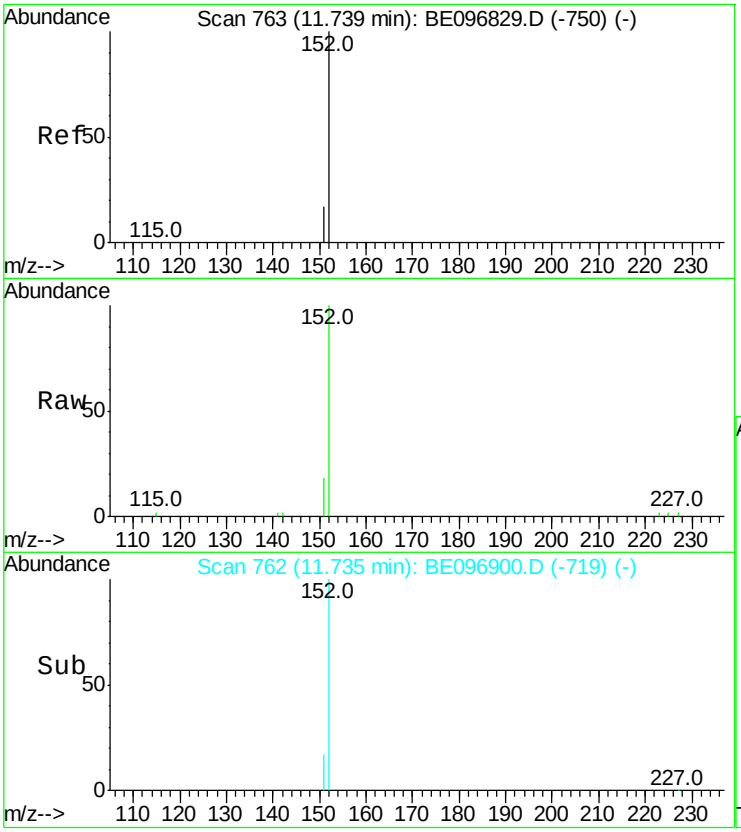


#10
Hexachlorobutadiene
Concen: 0.384 ng
RT: 10.50 min Scan# 640
Delta R.T. 0.00 min
Lab File: BE096900.D
Acq: 13 Jul 2018 11:05

Tgt Ion:225 Resp: 1260

Ion	Ratio	Lower	Upper
225	100		
223	63.5	53.0	79.6
227	64.1	51.4	77.2



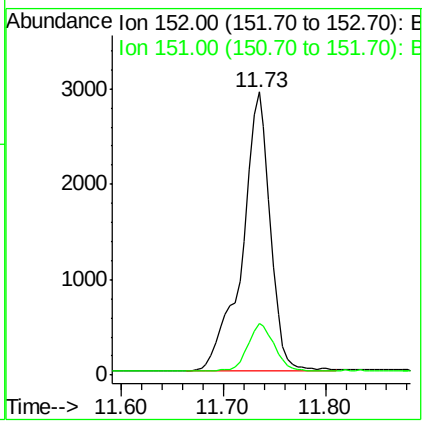


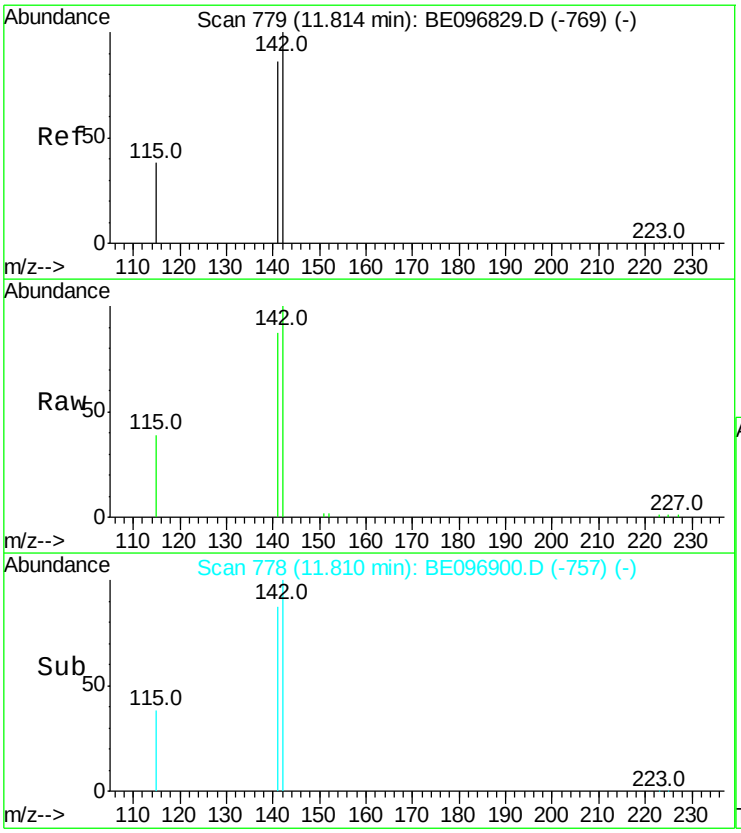
#11
2-Methylnaphthalene-d10
Concen: 0.444 ng
RT: 11.73 min Scan# 762
Delta R.T. 0.00 min
Lab File: BE096900.D
Acq: 13 Jul 2018 11:05

Instrument :
BNA_E
ClientSampleId :
PB111075BS

Tgt Ion:152 Resp: 5551

Ion	Ratio	Lower	Upper
152	100		
151	15.6	15.4	23.0

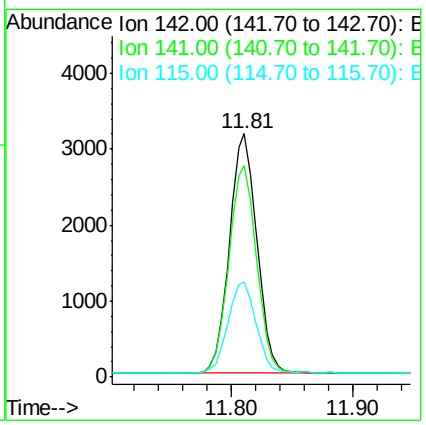


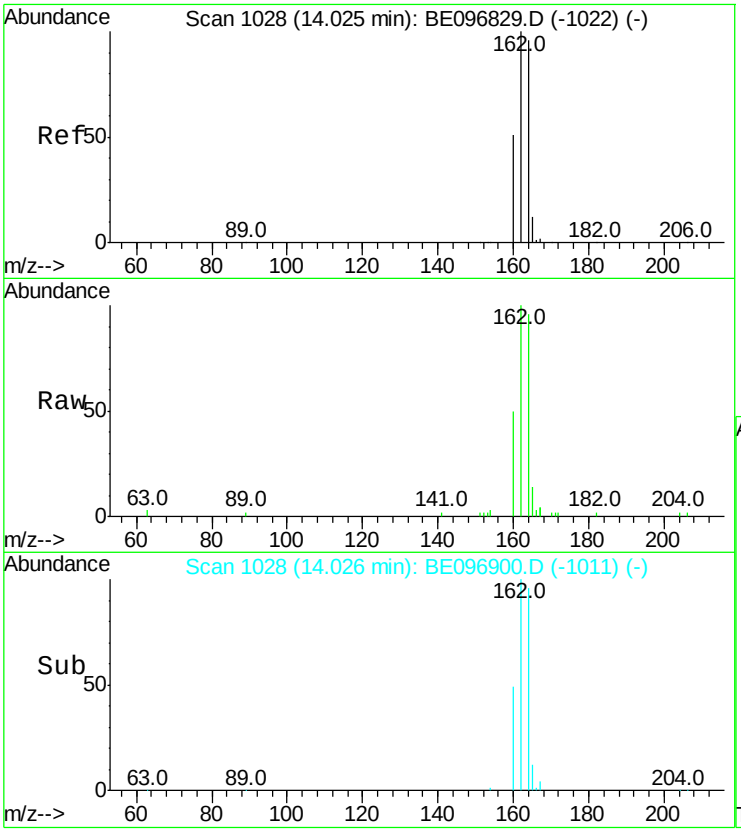


#12
2-Methylnaphthalene
Concen: 0.378 ng
RT: 11.81 min Scan# 778
Delta R.T. 0.00 min
Lab File: BE096900.D
Acq: 13 Jul 2018 11:05

Tgt Ion:142 Resp: 4947

Ion	Ratio	Lower	Upper
142	100		
141	86.9	70.4	105.6
115	39.1	31.7	47.5



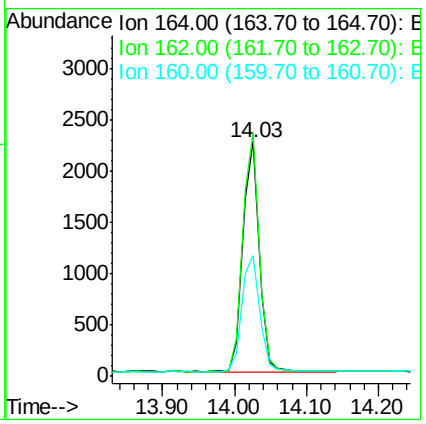


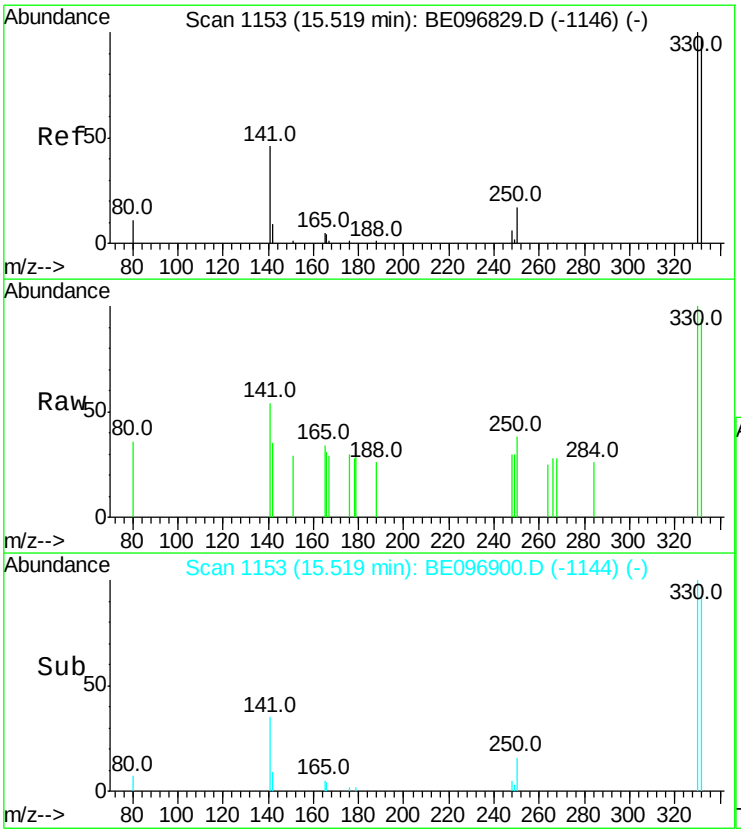
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.03 min Scan# 1028
Delta R.T. -0.00 min
Lab File: BE096900.D
Acq: 13 Jul 2018 11:05

Instrument :
BNA_E
ClientSampleId :
PB111075BS

Tgt Ion:164 Resp: 3561

Ion	Ratio	Lower	Upper
164	100		
162	103.8	83.1	124.7
160	51.6	37.1	55.7

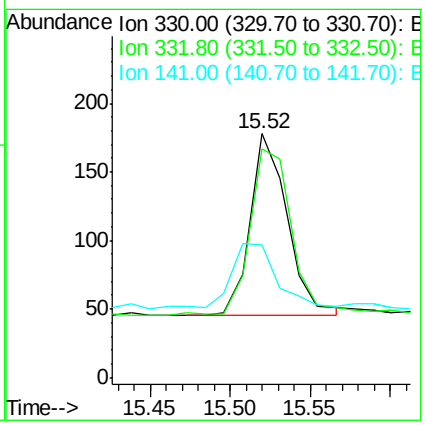


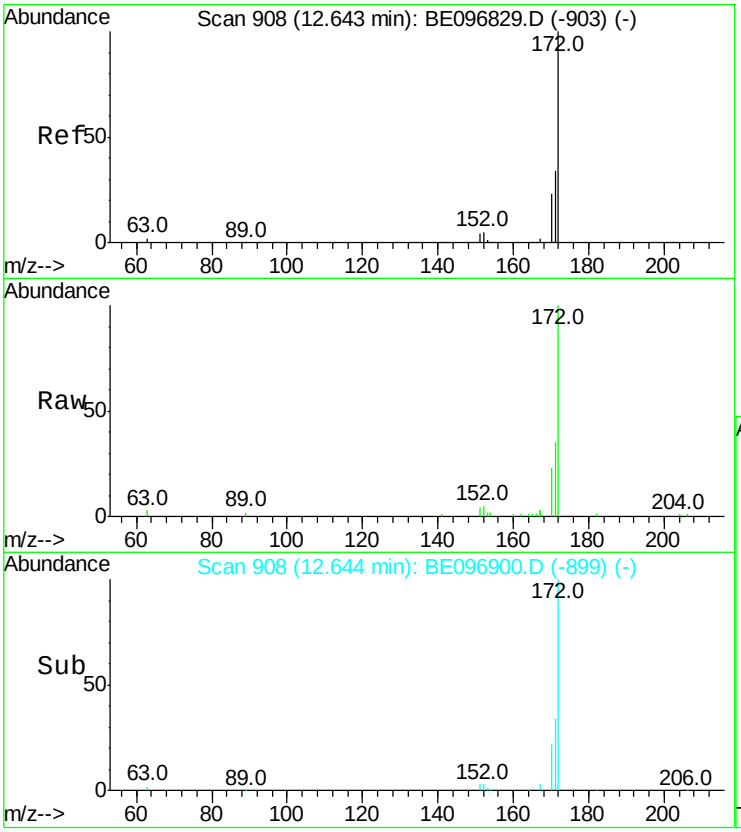


#14
2,4,6-Tribromophenol
Concen: 0.337 ng
RT: 15.52 min Scan# 1153
Delta R.T. 0.00 min
Lab File: BE096900.D
Acq: 13 Jul 2018 11:05

Tgt Ion:330 Resp: 215

Ion	Ratio	Lower	Upper
330	100		
332	102.3	152.7	229.1#
141	39.1	33.7	50.5



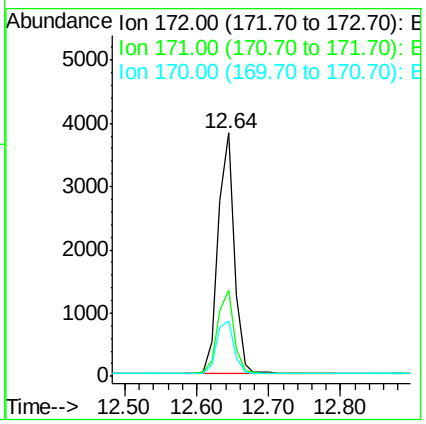


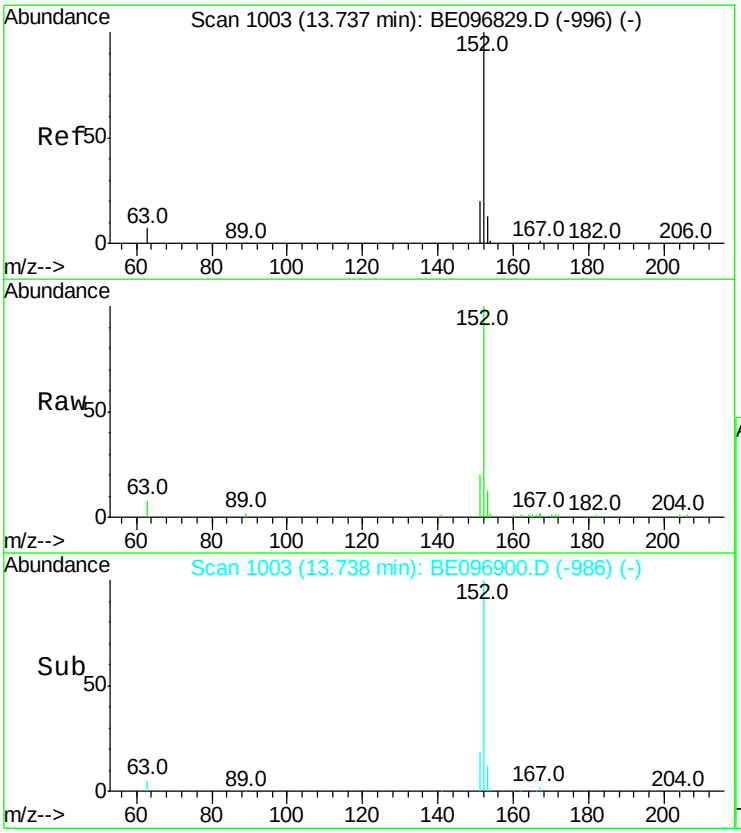
#15
2-Fluorobiphenyl
Concen: 0.452 ng
RT: 12.64 min Scan# 908
Delta R.T. -0.00 min
Lab File: BE096900.D
Acq: 13 Jul 2018 11:05

Instrument :
BNA_E
ClientSampleId :
PB111075BS

Tgt Ion:172 Resp: 5894

Ion	Ratio	Lower	Upper
172	100		
171	35.1	29.9	44.9
170	22.7	21.8	32.8

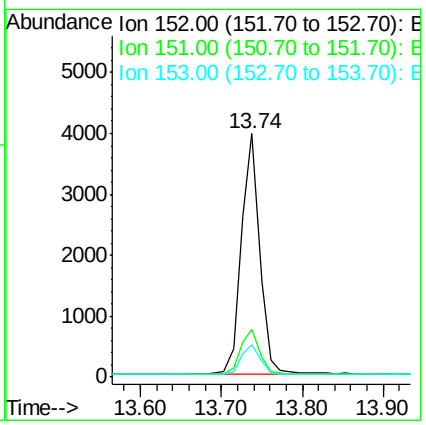


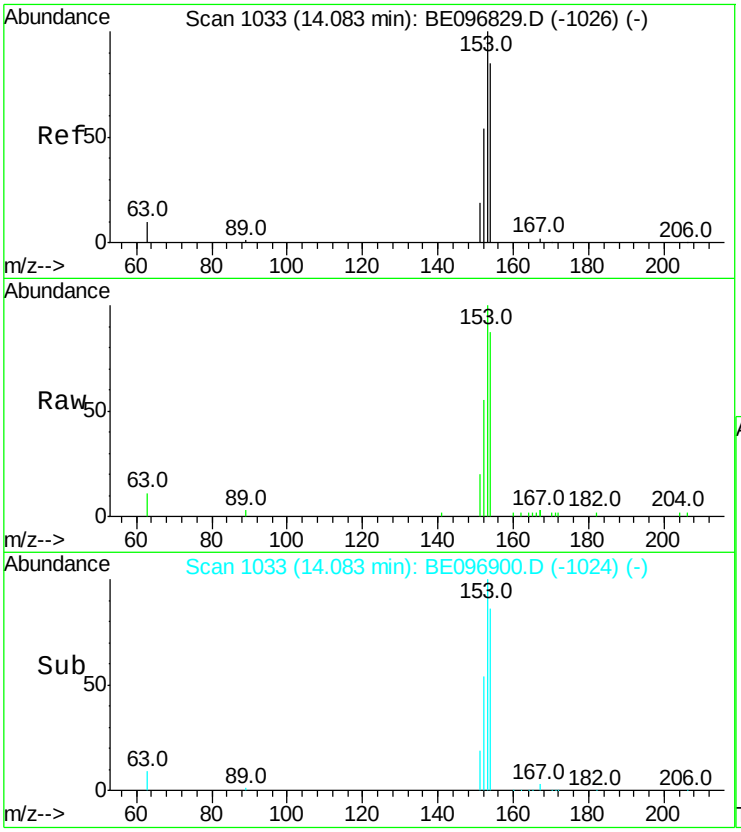


#16
Acenaphthylene
Concen: 0.399 ng
RT: 13.74 min Scan# 1003
Delta R.T. -0.00 min
Lab File: BE096900.D
Acq: 13 Jul 2018 11:05

Tgt Ion:152 Resp: 6168

Ion	Ratio	Lower	Upper
152	100		
151	19.5	15.7	23.5
153	12.7	10.5	15.7



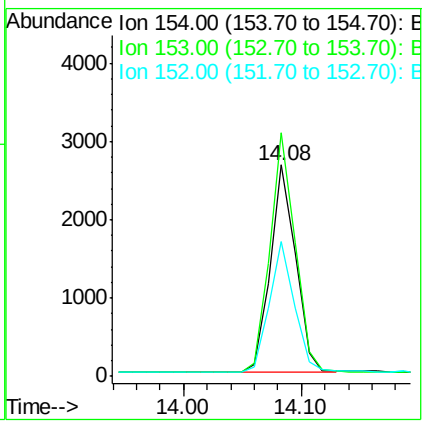


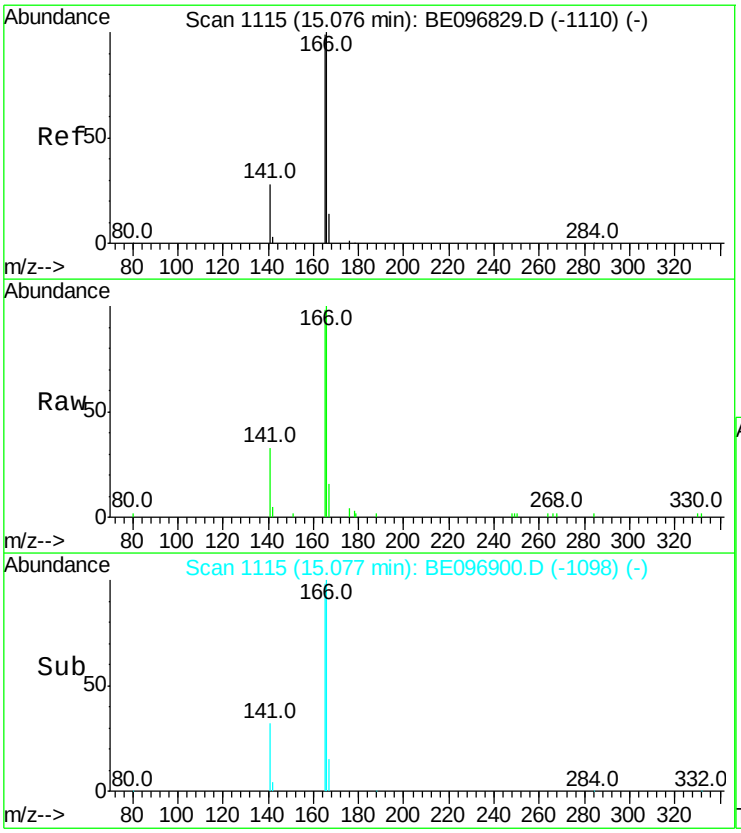
#17
Acenaphthene
Concen: 0.389 ng
RT: 14.08 min Scan# 1033
Delta R.T. -0.00 min
Lab File: BE096900.D
Acq: 13 Jul 2018 11:05

Instrument :
BNA_E
ClientSampleId :
PB111075BS

Tgt Ion:154 Resp: 3974

Ion	Ratio	Lower	Upper
154	100		
153	114.2	89.2	133.8
152	62.3	42.0	63.0

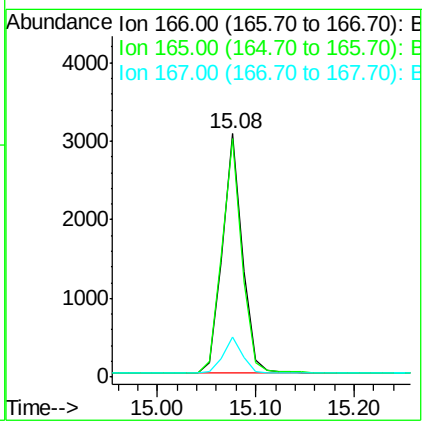


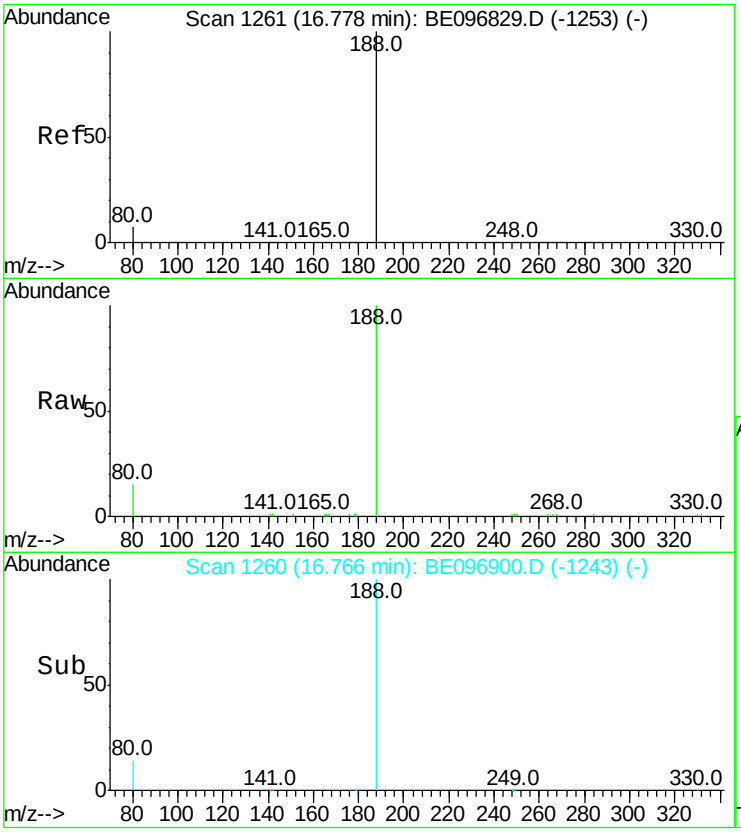


#18
Fluorene
Concen: 0.357 ng
RT: 15.08 min Scan# 1115
Delta R.T. 0.00 min
Lab File: BE096900.D
Acq: 13 Jul 2018 11:05

Tgt Ion:166 Resp: 4285

Ion	Ratio	Lower	Upper
166	100		
165	97.6	77.8	116.6
167	14.6	42.4	63.6#



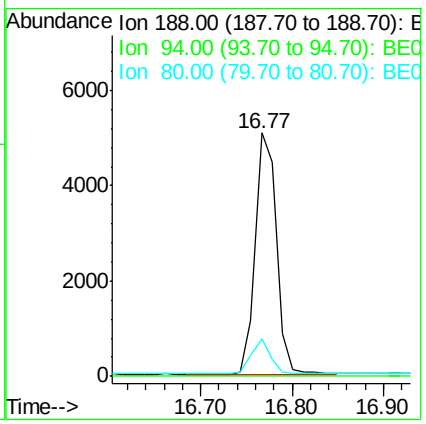


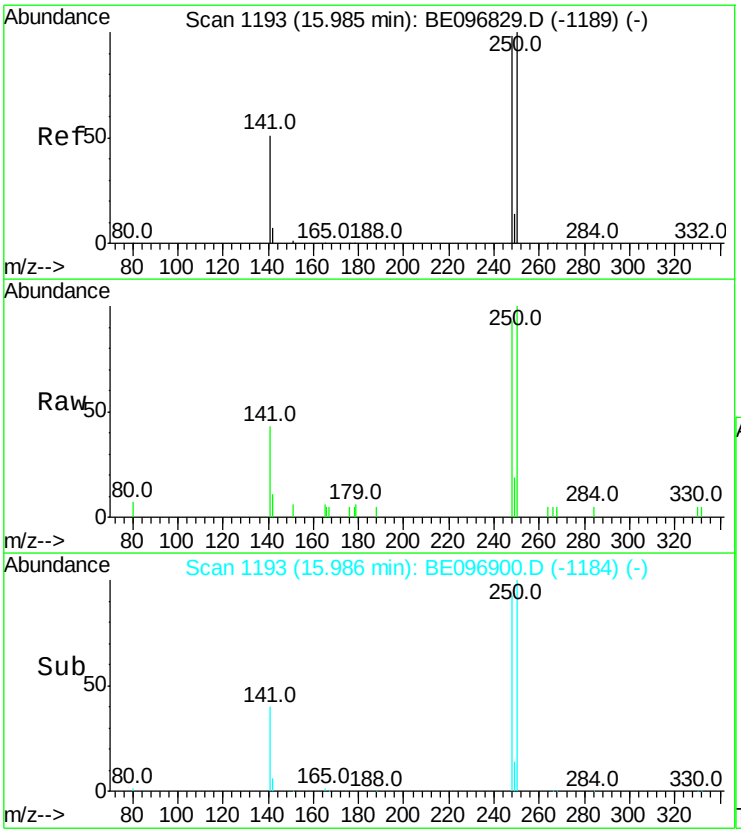
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.77 min Scan# 1260
Delta R.T. 0.00 min
Lab File: BE096900.D
Acq: 13 Jul 2018 11:05

Instrument :
BNA_E
ClientSampleId :
PB111075BS

Tgt Ion:188 Resp: 8208

Ion	Ratio	Lower	Upper
188	100		
94	0.0	3.9	5.9#
80	15.2	3.6	5.4#

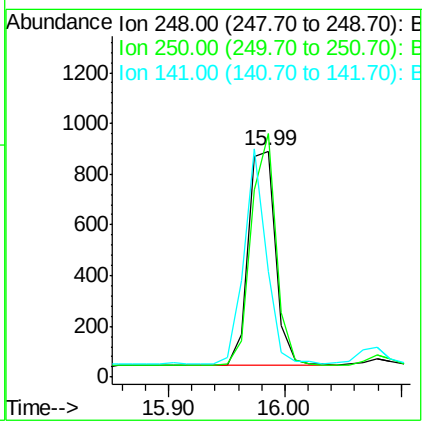


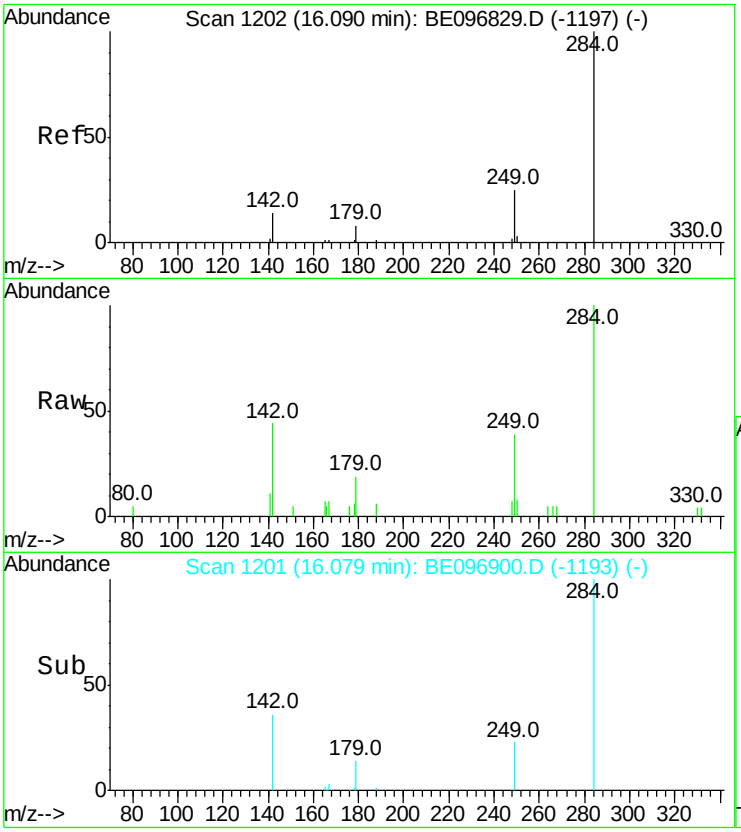


#20
4-Bromophenyl-phenylether
Concen: 0.377 ng
RT: 15.99 min Scan# 1193
Delta R.T. 0.00 min
Lab File: BE096900.D
Acq: 13 Jul 2018 11:05

Tgt Ion:248 Resp: 1396

Ion	Ratio	Lower	Upper
248	100		
250	107.6	62.7	94.1#
141	46.6	48.2	72.2#



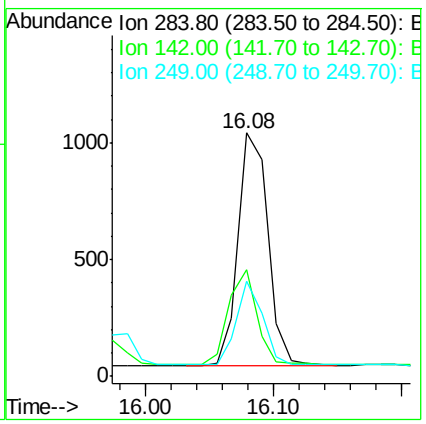


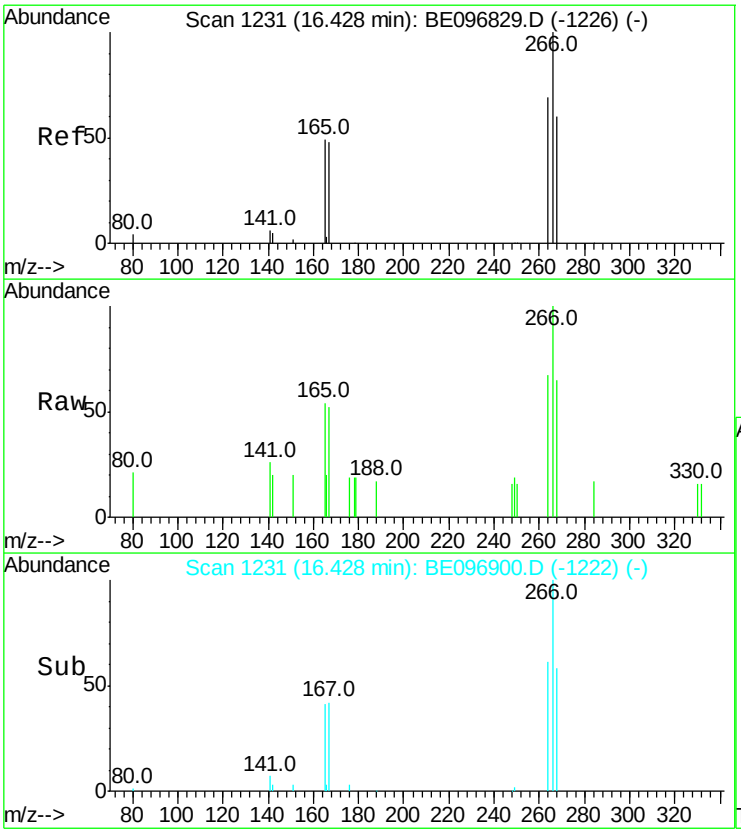
#21
Hexachlorobenzene
Concen: 0.379 ng
RT: 16.08 min Scan# 1201
Delta R.T. -0.01 min
Lab File: BE096900.D
Acq: 13 Jul 2018 11:05

Instrument :
BNA_E
ClientSampleId :
PB111075BS

Tgt Ion:284 Resp: 1598

Ion	Ratio	Lower	Upper
284	100		
142	39.4	22.1	33.1#
249	31.5	34.8	52.2#

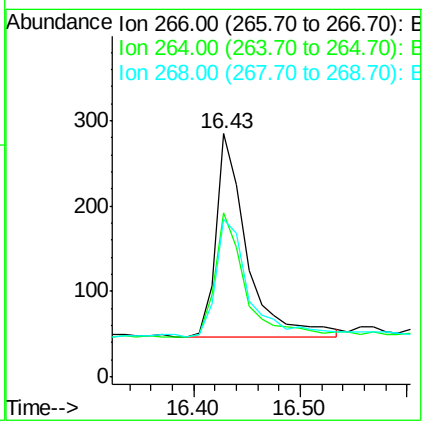


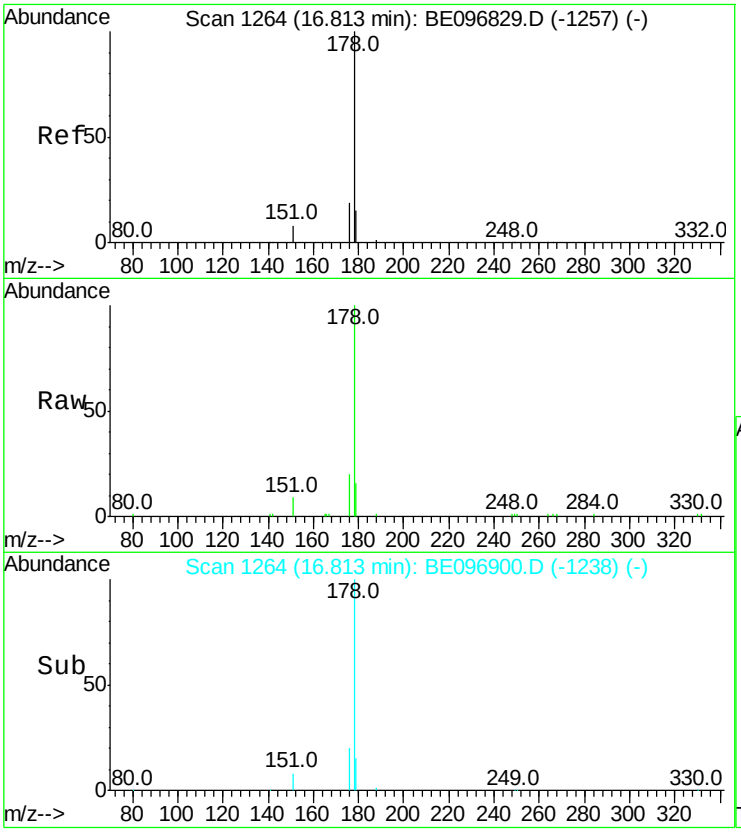


#22
Pentachlorophenol
Concen: 0.680 ng
RT: 16.43 min Scan# 1231
Delta R.T. 0.00 min
Lab File: BE096900.D
Acq: 13 Jul 2018 11:05

Tgt Ion:266 Resp: 481

Ion	Ratio	Lower	Upper
266	100		
264	67.4	72.5	108.7#
268	64.9	73.8	110.6#



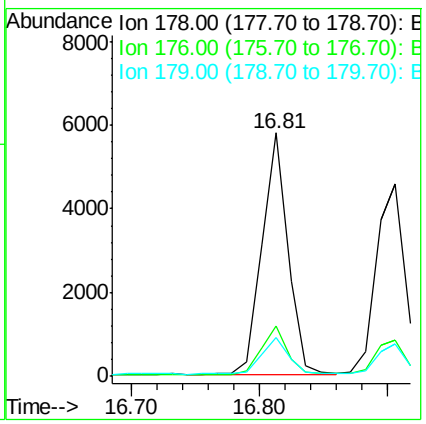


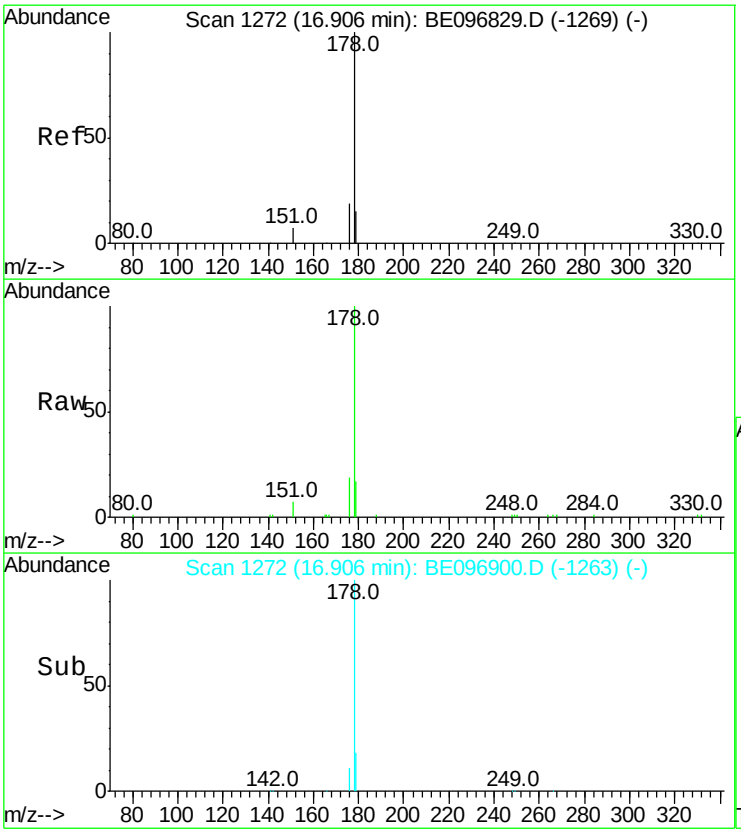
#23
Phenanthrene
Concen: 0.404 ng
RT: 16.81 min Scan# 1264
Delta R.T. 0.00 min
Lab File: BE096900.D
Acq: 13 Jul 2018 11:05

Instrument :
BNA_E
ClientSampleId :
PB111075BS

Tgt Ion:178 Resp: 8156

Ion	Ratio	Lower	Upper
178	100		
176	19.7	15.1	22.7
179	15.4	11.8	17.6

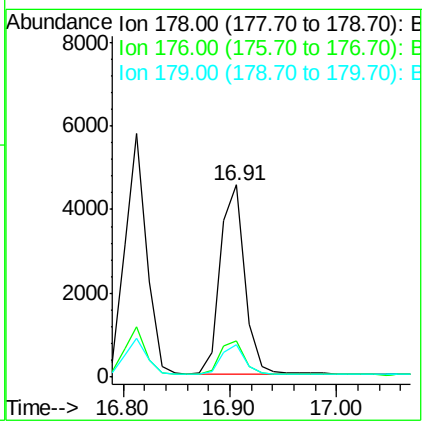


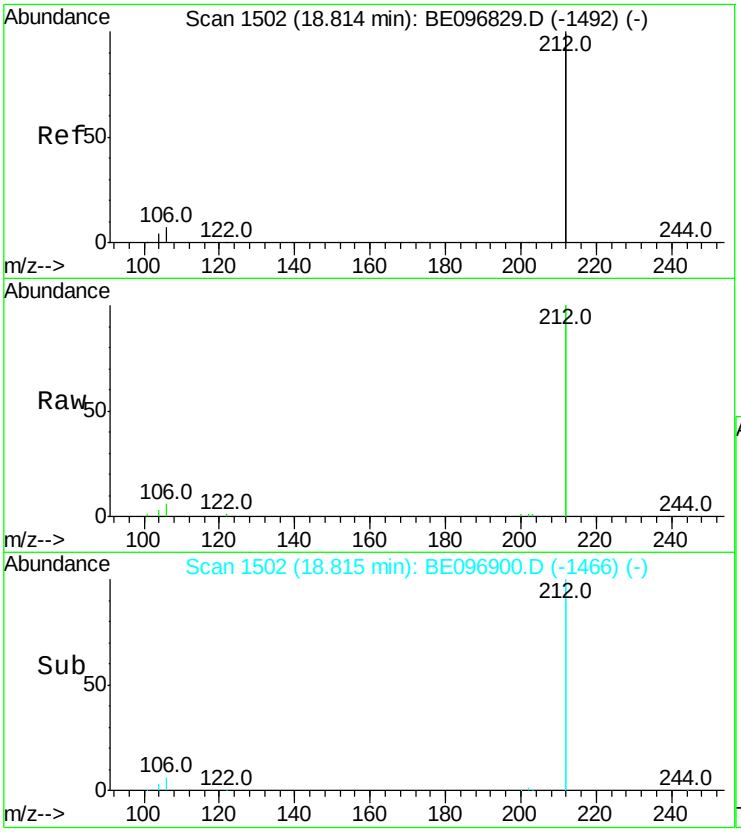


#24
Anthracene
Concen: 0.427 ng
RT: 16.91 min Scan# 1272
Delta R.T. 0.00 min
Lab File: BE096900.D
Acq: 13 Jul 2018 11:05

Tgt Ion:178 Resp: 7134

Ion	Ratio	Lower	Upper
178	100		
176	18.3	12.8	19.2
179	15.8	13.0	19.6



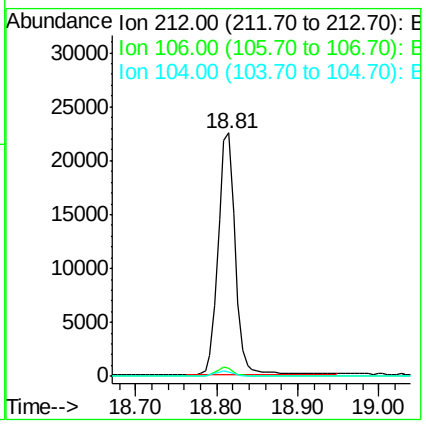


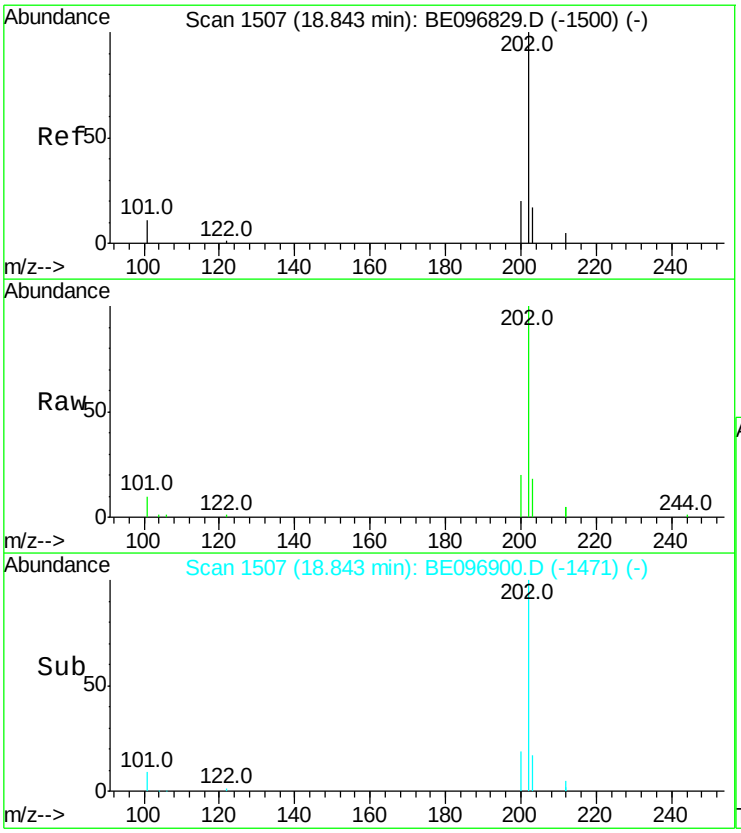
#25
Fluoranthene-d10
Concen: 0.449 ng
RT: 18.81 min Scan# 1502
Delta R.T. 0.00 min
Lab File: BE096900.D
Acq: 13 Jul 2018 11:05

Instrument :
BNA_E
ClientSampleId :
PB111075BS

Tgt Ion:212 Resp: 32427

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

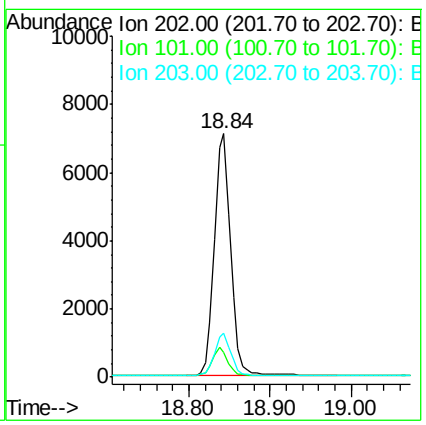


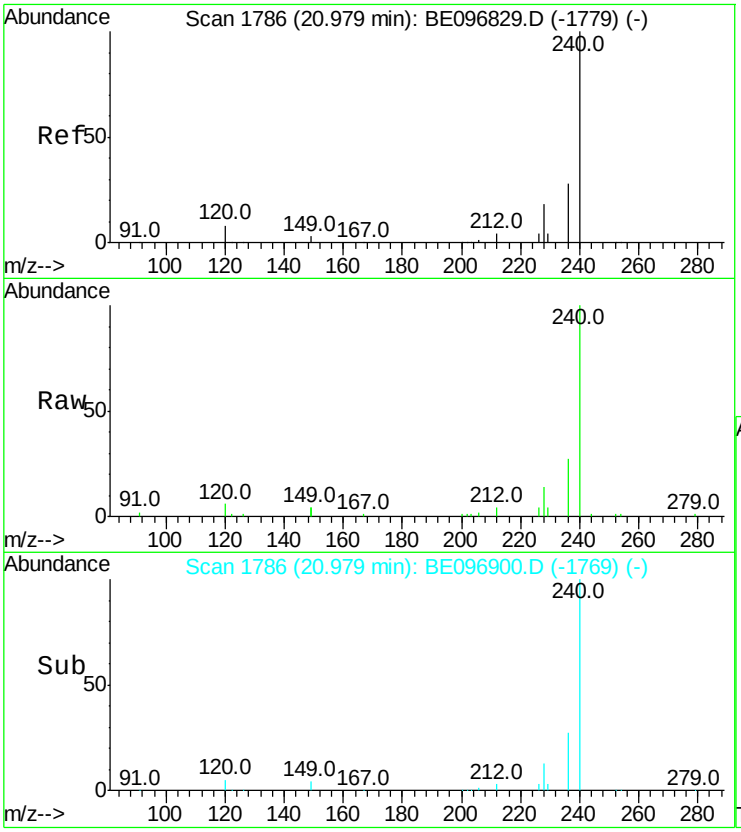


#26
Fluoranthene
Concen: 0.480 ng
RT: 18.84 min Scan# 1507
Delta R.T. 0.00 min
Lab File: BE096900.D
Acq: 13 Jul 2018 11:05

Tgt Ion:202 Resp: 9792

Ion	Ratio	Lower	Upper
202	100		
101	10.8	9.8	14.8
203	16.9	13.7	20.5



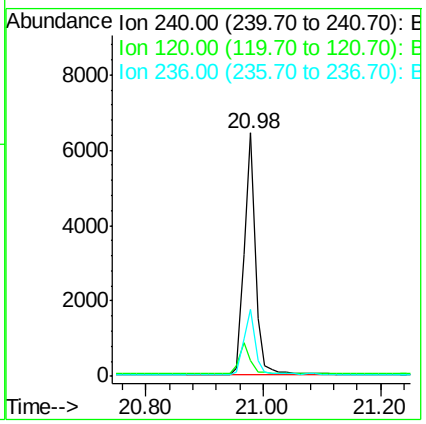


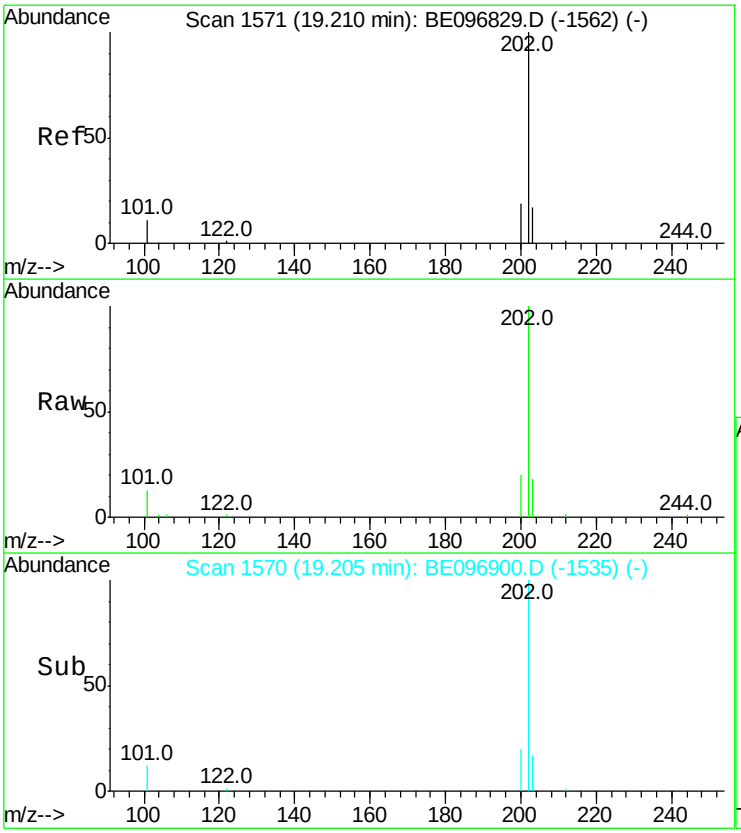
#27
Chrysene-d12
Concen: 0.400 ng
RT: 20.98 min Scan# 1786
Delta R.T. 0.00 min
Lab File: BE096900.D
Acq: 13 Jul 2018 11:05

Instrument : BNA_E
ClientSampleId : PB111075BS

Tgt Ion:240 Resp: 8670

Ion	Ratio	Lower	Upper
240	100		
120	6.4	5.5	8.3
236	27.3	20.7	31.1

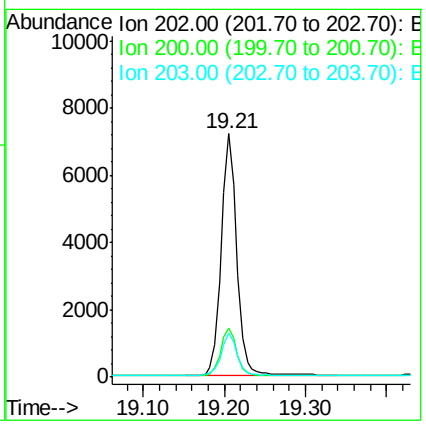


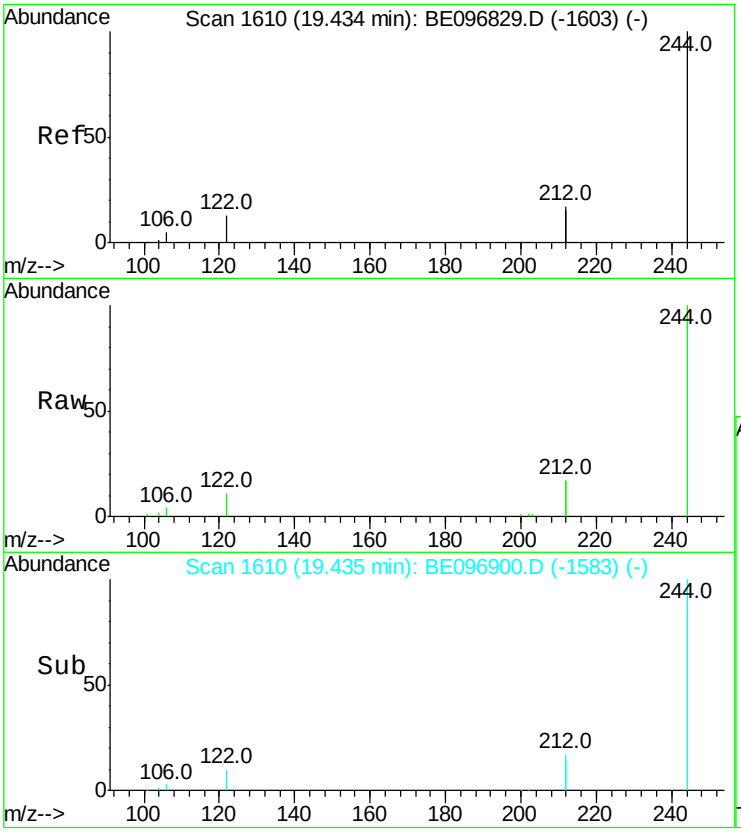


#28
Pyrene
Concen: 0.378 ng
RT: 19.21 min Scan# 1570
Delta R.T. -0.00 min
Lab File: BE096900.D
Acq: 13 Jul 2018 11:05

Tgt Ion:202 Resp: 9490

Ion	Ratio	Lower	Upper
202	100		
200	20.1	16.6	25.0
203	17.6	13.8	20.8



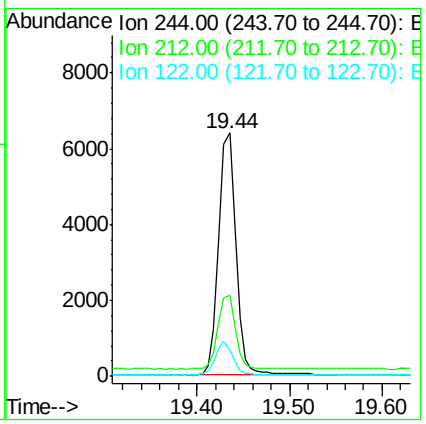


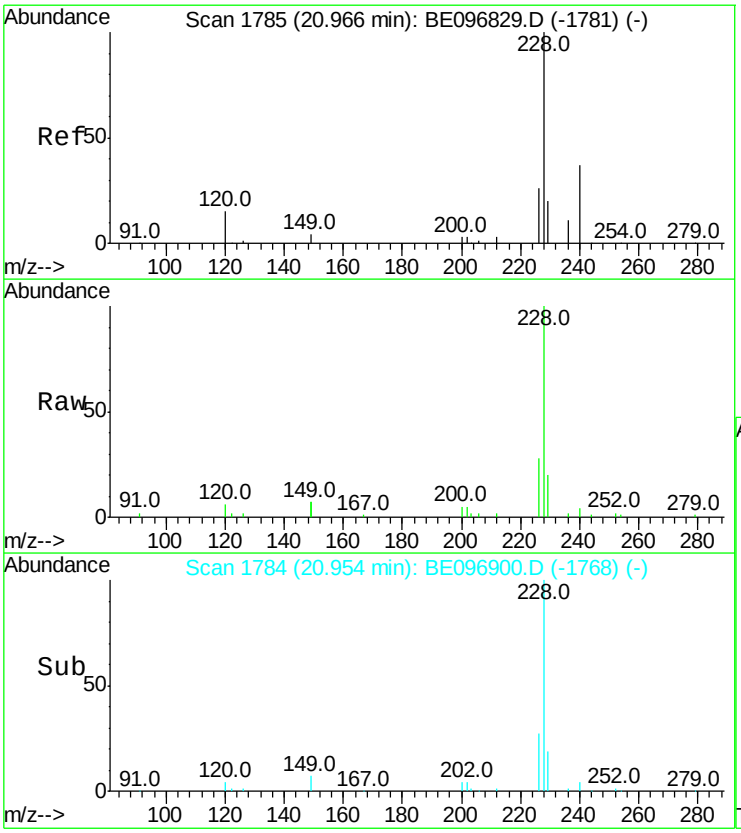
#29
Terphenyl-d14
Concen: 0.488 ng
RT: 19.44 min Scan# 1610
Delta R.T. 0.00 min
Lab File: BE096900.D
Acq: 13 Jul 2018 11:05

Instrument :
BNA_E
ClientSampleId :
PB111075BS

Tgt Ion:244 Resp: 8173

Ion	Ratio	Lower	Upper
244	100		
212	33.3	25.4	38.0
122	10.7	8.1	12.1

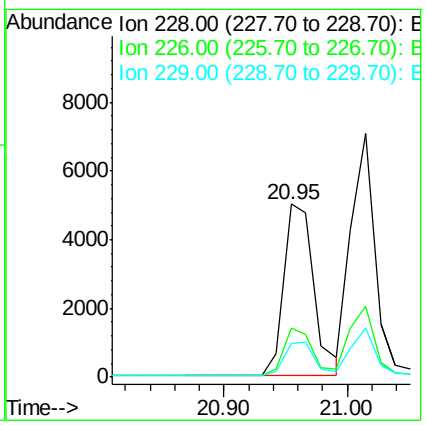


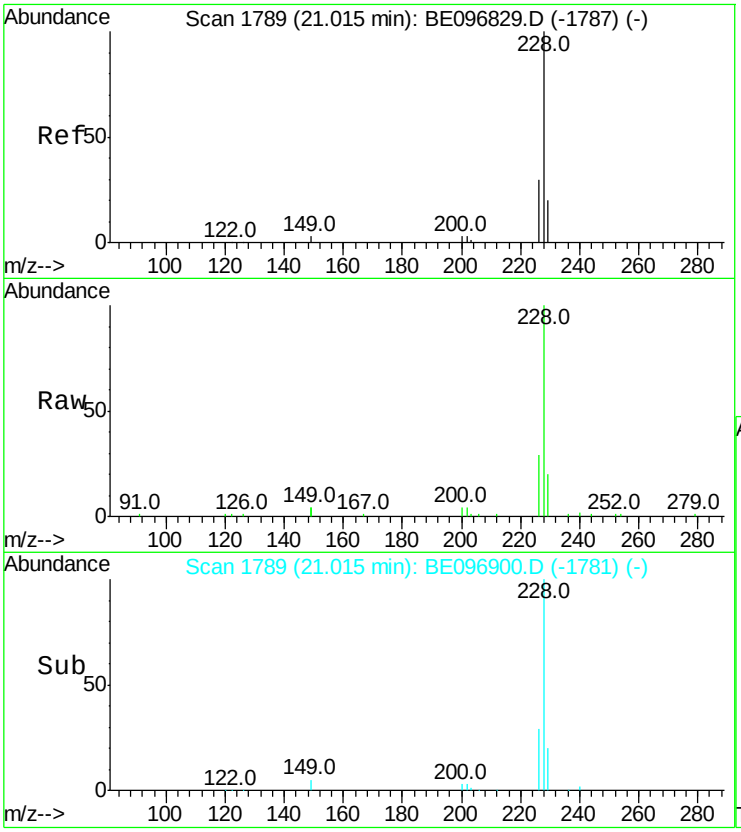


#30
Benzo(a)anthracene
Concen: 0.444 ng
RT: 20.95 min Scan# 1784
Delta R.T. -0.01 min
Lab File: BE096900.D
Acq: 13 Jul 2018 11:05

Tgt Ion:228 Resp: 8535

Ion	Ratio	Lower	Upper
228	100		
226	28.2	24.0	36.0
229	19.8	16.0	24.0



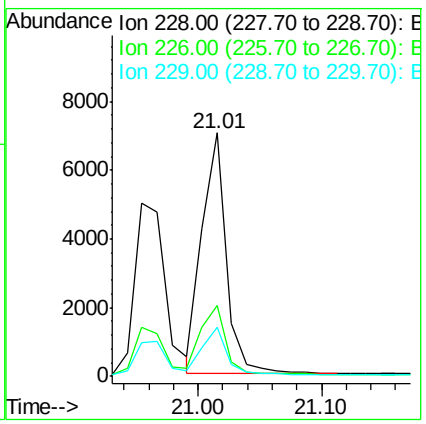


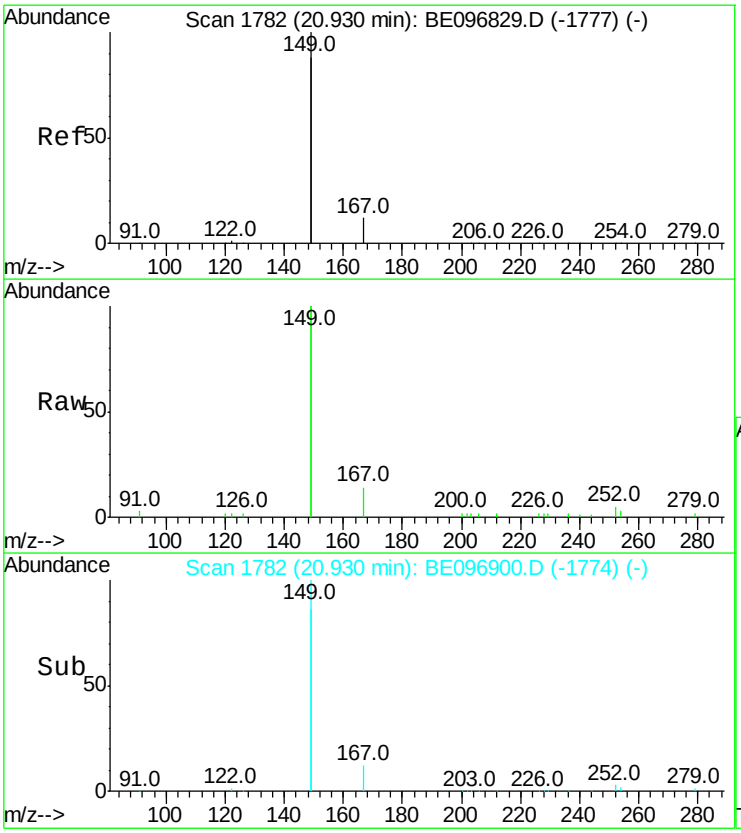
#31
Chrysene
Concen: 0.401 ng
RT: 21.01 min Scan# 1789
Delta R.T. 0.00 min
Lab File: BE096900.D
Acq: 13 Jul 2018 11:05

Instrument :
BNA_E
ClientSampleId :
PB111075BS

Tgt Ion:228 Resp: 9506

Ion	Ratio	Lower	Upper
228	100		
226	29.2	24.0	36.0
229	20.2	16.0	24.0

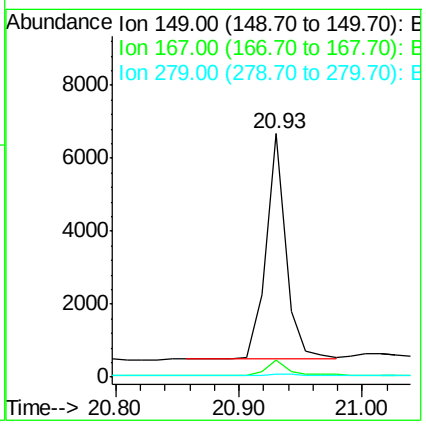


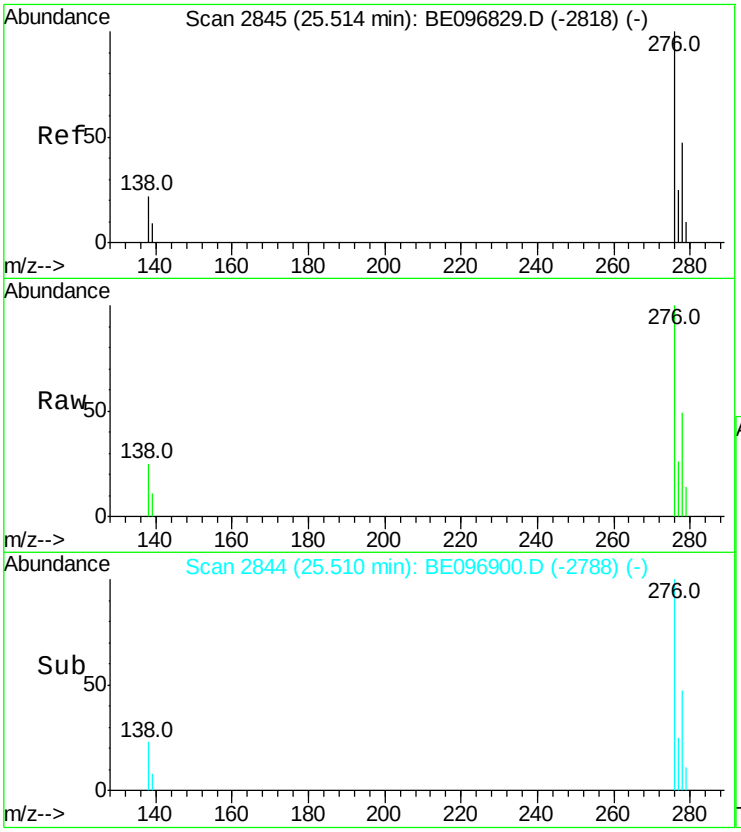


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.412 ng
RT: 20.93 min Scan# 1782
Delta R.T. 0.00 min
Lab File: BE096900.D
Acq: 13 Jul 2018 11:05

Tgt Ion:149 Resp: 7091

Ion	Ratio	Lower	Upper
149	100		
167	6.8	5.4	8.0
279	0.9	0.7	1.1



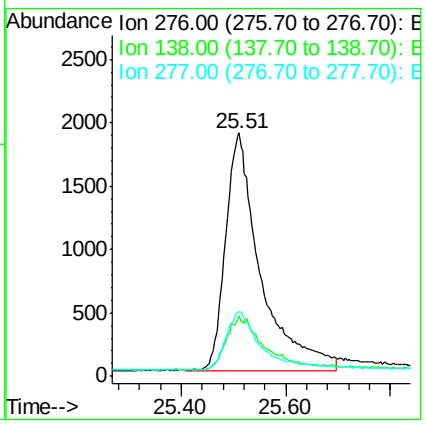


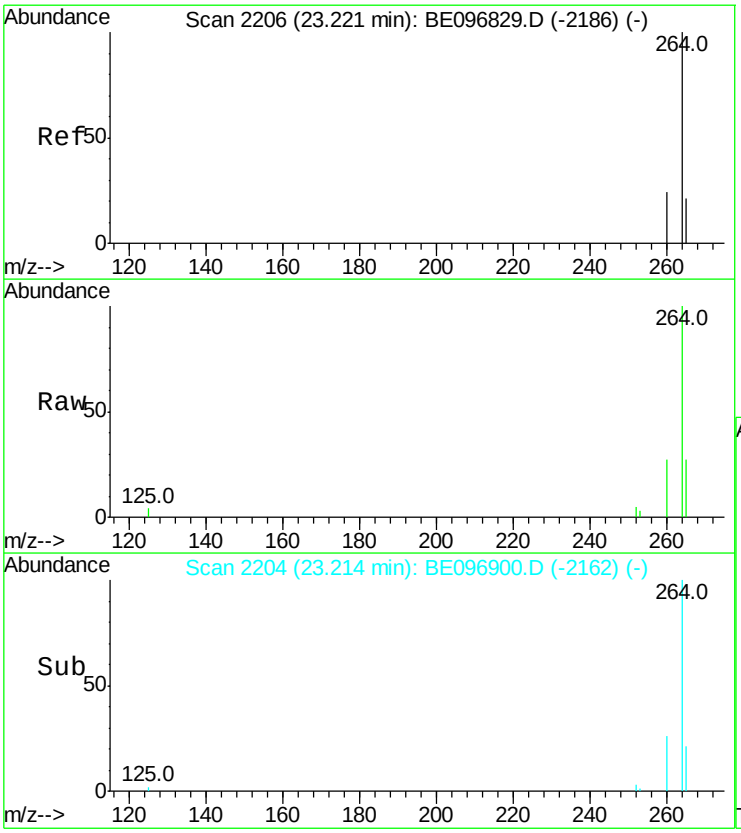
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.492 ng
RT: 25.51 min Scan# 2844
Delta R.T. -0.00 min
Lab File: BE096900.D
Acq: 13 Jul 2018 11:05

Instrument :
BNA_E
ClientSampleId :
PB111075BS

Tgt Ion:276 Resp: 8675

Ion	Ratio	Lower	Upper
276	100		
138	11.2	22.5	33.7#
277	22.3	19.9	29.9

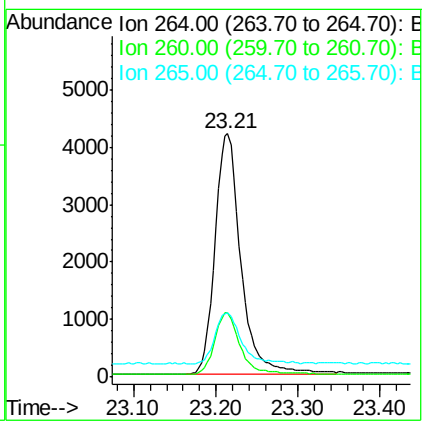


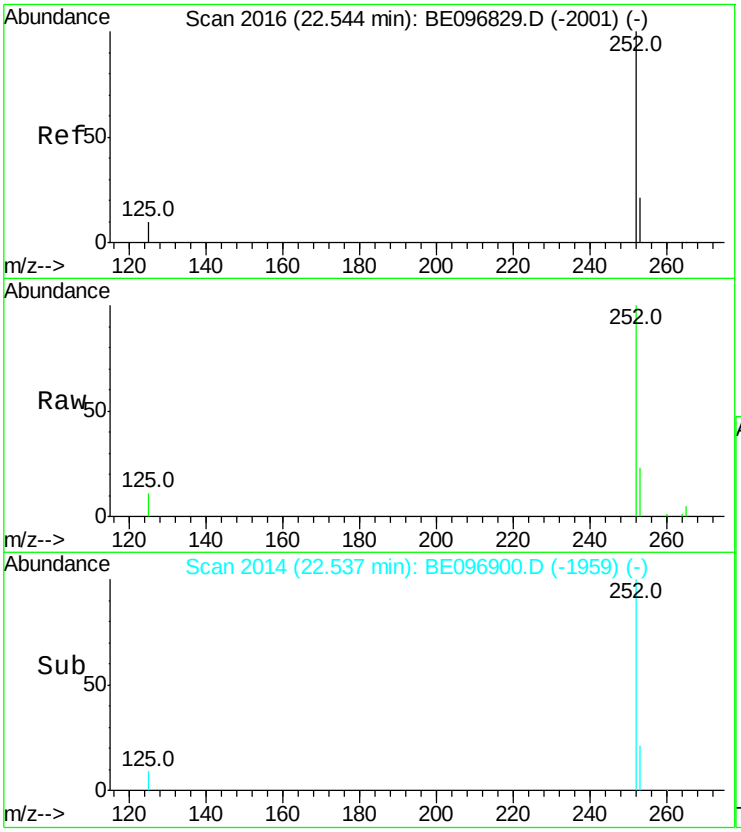


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.21 min Scan# 2204
Delta R.T. 0.00 min
Lab File: BE096900.D
Acq: 13 Jul 2018 11:05

Tgt Ion:264 Resp: 9196

Ion	Ratio	Lower	Upper
264	100		
260	26.6	20.5	30.7
265	26.5	22.8	34.2



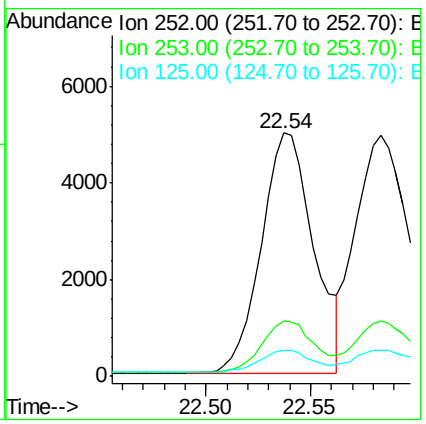


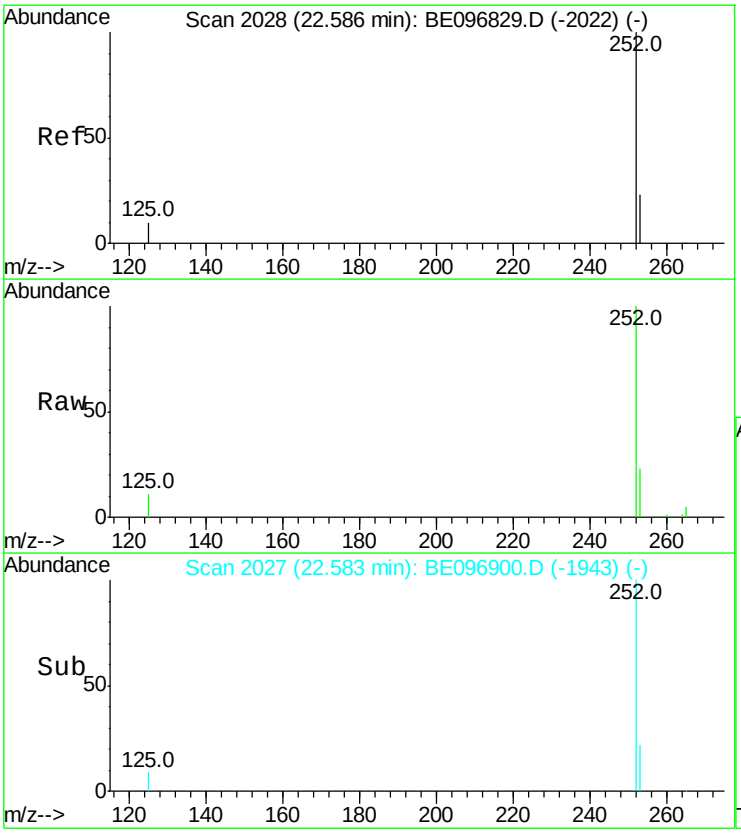
#35
Benzo(b)fluoranthene
Concen: 0.345 ng
RT: 22.54 min Scan# 2014
Delta R.T. -0.00 min
Lab File: BE096900.D
Acq: 13 Jul 2018 11:05

Instrument :
BNA_E
ClientSampleId :
PB111075BS

Tgt Ion:252 Resp: 8657

Ion	Ratio	Lower	Upper
252	100		
253	22.5	20.0	30.0
125	10.7	16.0	24.0#

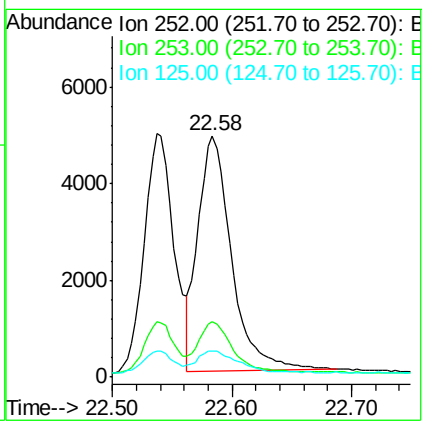


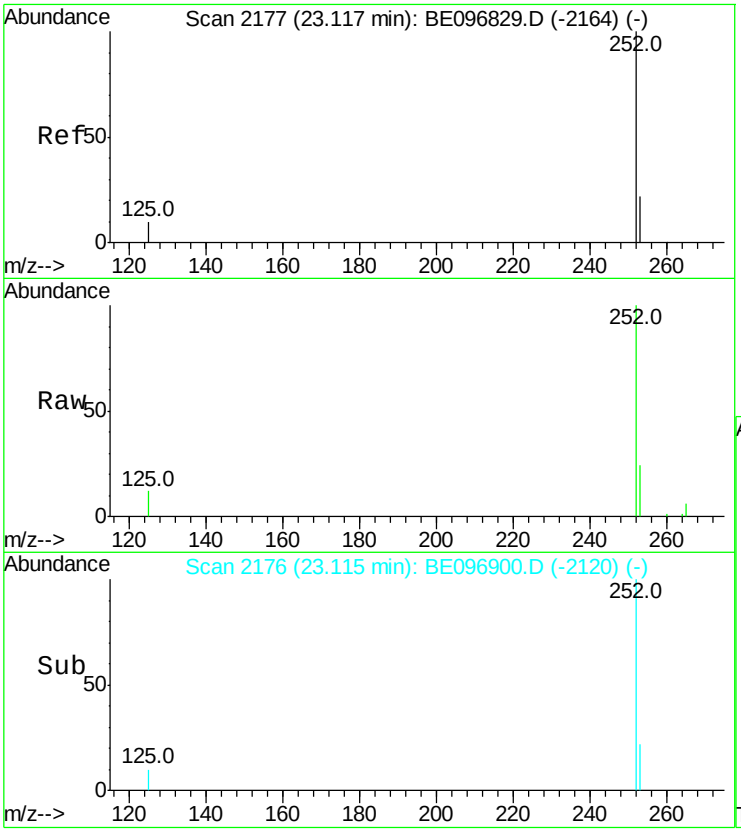


#36
Benzo(k)fluoranthene
Concen: 0.353 ng
RT: 22.58 min Scan# 2027
Delta R.T. 0.00 min
Lab File: BE096900.D
Acq: 13 Jul 2018 11:05

Tgt Ion:252 Resp: 9495

Ion	Ratio	Lower	Upper
252	100		
253	22.9	16.0	24.0
125	10.7	8.0	12.0



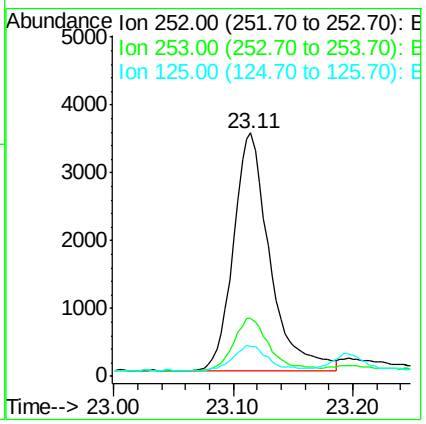


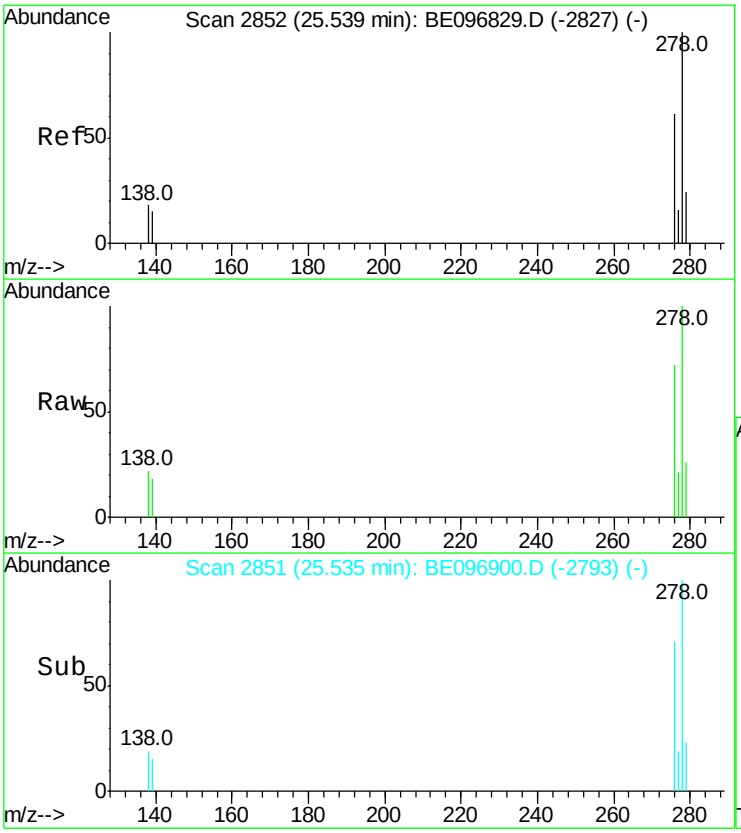
#37
Benzo(a)pyrene
Concen: 0.373 ng
RT: 23.11 min Scan# 2176
Delta R.T. 0.00 min
Lab File: BE096900.D
Acq: 13 Jul 2018 11:05

Instrument :
BNA_E
ClientSampleId :
PB111075BS

Tgt Ion:252 Resp: 7424

Ion	Ratio	Lower	Upper
252	100		
253	24.0	16.0	24.0
125	12.1	12.0	18.0

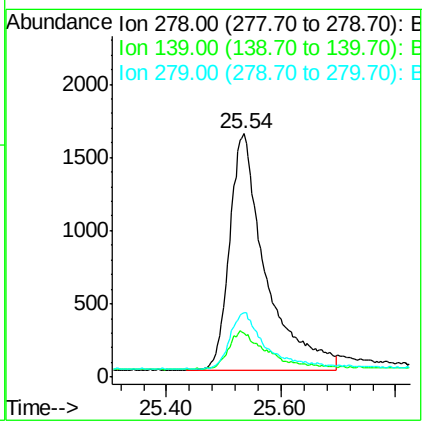


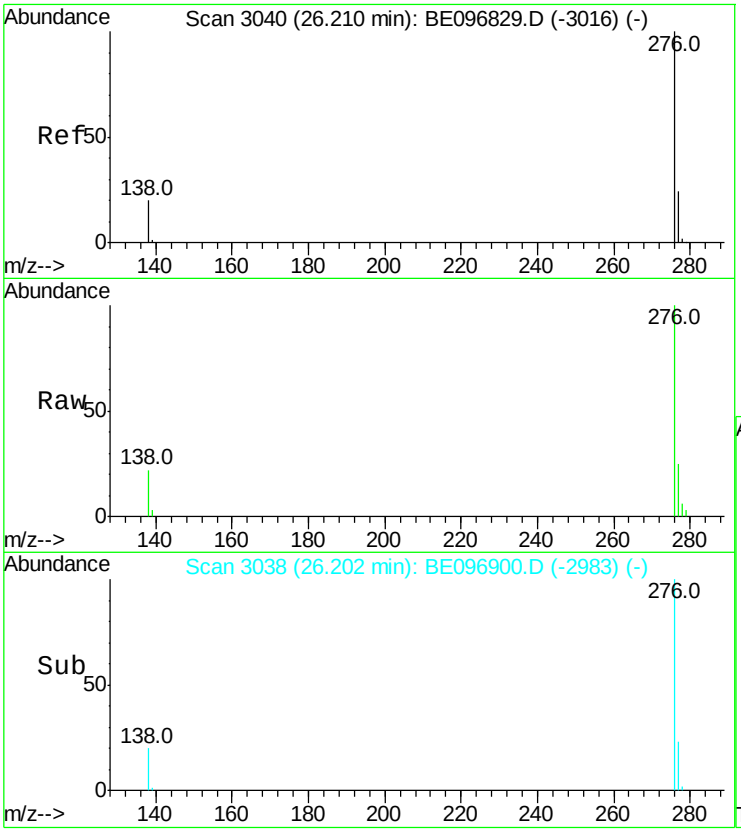


#38
Dibenzo(a,h)anthracene
Concen: 0.371 ng
RT: 25.54 min Scan# 2851
Delta R.T. 0.01 min
Lab File: BE096900.D
Acq: 13 Jul 2018 11:05

Tgt Ion:278 Resp: 7044

Ion	Ratio	Lower	Upper
278	100		
139	18.1	16.0	24.0
279	26.3	20.0	30.0





#39
Benzo(g,h,i)perylene
Concen: 0.351 ng
RT: 26.20 min Scan# 3038
Delta R.T. -0.00 min
Lab File: BE096900.D
Acq: 13 Jul 2018 11:05

Instrument :
BNA_E
ClientSampleId :
PB111075BS

Tgt Ion:276 Resp: 7816

Ion	Ratio	Lower	Upper
276	100		
277	24.7	16.0	24.0#
138	22.2	20.0	30.0