Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE050218\
Data File : BE096306.D
Acq On : 2 May 2018 22:35
Operator : SJ/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId :

Quant Time: May 03 01:54:35 2018
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE041118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 30 14:27:29 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.36	152	1088	0.40	ng		0.00
7) Naphthalene-d8	11.19	136	4136	0.40	ng		0.00
13) Acenaphthene-d10	14.93	164	2257	0.40	ng		-0.01
19) Phenanthrene-d10	17.65	188	5388	0.40	ng		0.00
27) Chrysene-d12	21.74	240	5375	0.40	ng		0.00
34) Perylene-d12	24.35	264	5040	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.87	112	1224	0.36	ng		0.00
5) Phenol-d6	7.52	99	1723	0.37	ng		0.00
8) Nitrobenzene-d5	9.54	82	1836	0.38	ng		0.00
11) 2-Methylnaphthalene-d10	12.73	152	2399	0.37	ng		0.00
14) 2,4,6-Tribromophenol	16.41	330	336	0.31	ng		0.00
15) 2-Fluorobiphenyl	13.57	172	3733	0.39	ng		0.00
25) Fluoranthene-d10	19.63	212	26066	0.36	ng		0.00
29) Terphenyl-d14	20.19	244	4470	0.38	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.61	88	568	0.338	ng		97
3) n-Nitrosodimethylamine	3.97	42	851	0.413	ng	#	70
6) bis(2-Chloroethyl)ether	7.76	93	1437	0.352	ng		96
9) Naphthalene	11.23	128	16333	0.375	ng		99
10) Hexachlorobutadiene	11.50	225	549	0.284	ng		88
12) 2-Methylnaphthalene	12.80	142	2697	0.374	ng		94
16) Acenaphthylene	14.67	152	4702	0.390	ng		100
17) Acenaphthene	15.00	154	2751	0.380	ng		93
18) Fluorene	15.97	166	4215	0.470	ng	#	71
20) 4-Bromophenyl-phenylether	16.83	248	1207	0.377	ng	#	75
21) Hexachlorobenzene	16.96	284	1245	0.390	ng	#	79
22) Pentachlorophenol	17.31	266	503	0.477	ng	#	78
23) Phenanthrene	17.68	178	5863	0.387	ng		99
24) Anthracene	17.78	178	5499	0.380	ng		94
26) Fluoranthene	19.66	202	7273	0.366	ng	#	97
28) Pyrene	20.00	202	717	0.068	ng		94
30) Benzo(a)anthracene	21.73	228	6403	0.371	ng		97
31) Chrysene	21.78	228	6591	0.396	ng		97
32) Bis(2-ethylhexyl)phthalate	21.60	149	18738	0.421	ng		100
33) Indeno(1,2,3-cd)pyrene	27.13	276	5509	0.341	ng	#	80
35) Benzo(b)fluoranthene	23.54	252	5796	0.383	ng	#	92
36) Benzo(k)fluoranthene	23.59	252	6251	0.402	ng	#	90
37) Benzo(a)pyrene	24.23	252	5482	0.377	ng	#	93
38) Dibenzo(a,h)anthracene	27.14	278	4281	0.334	ng		94
39) Benzo(g,h,i)perylene	27.99	276	4981	0.368	ng	#	93

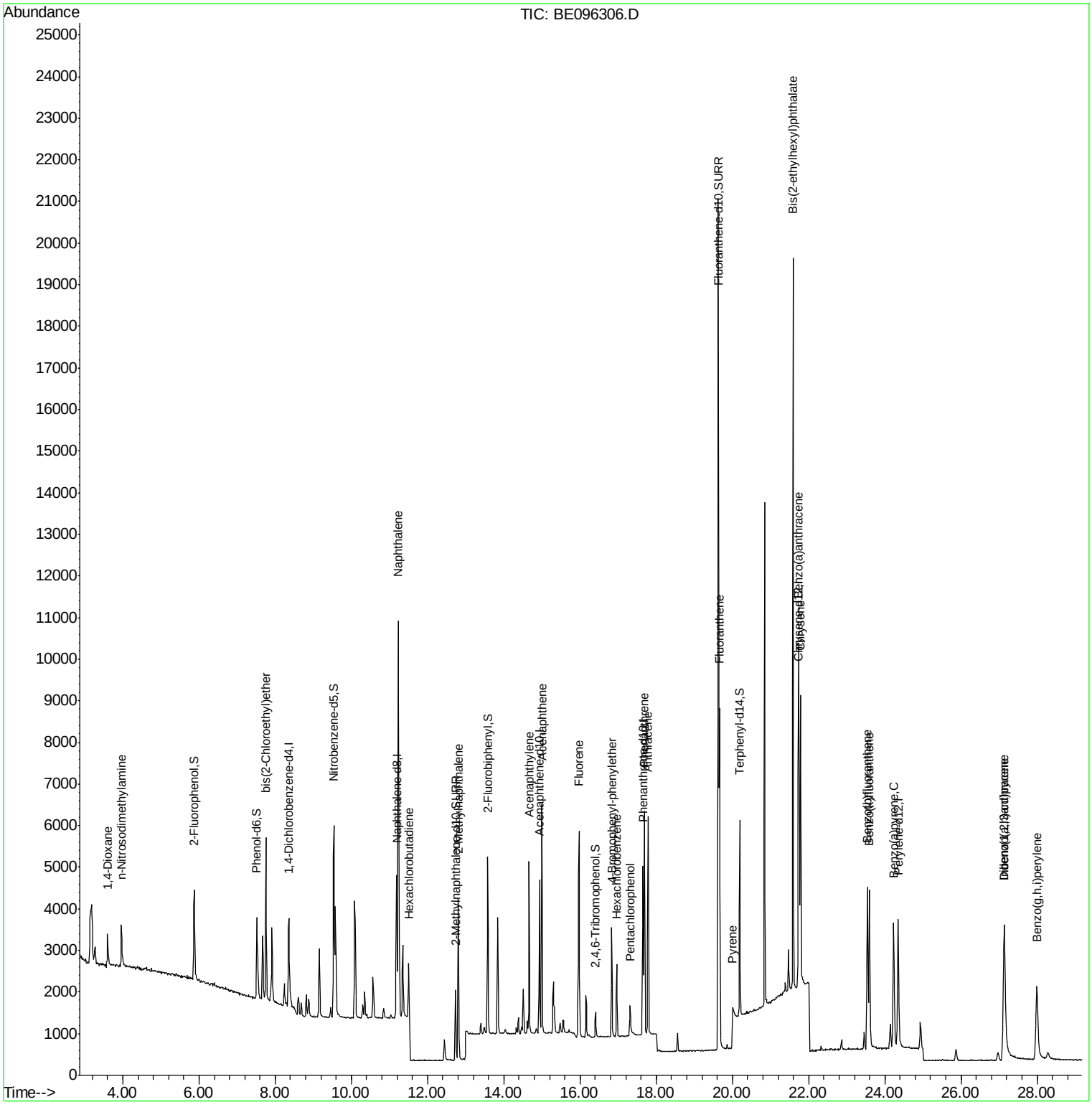
(#) = qualifier out of range (m) = manual integration (+) = signals summed

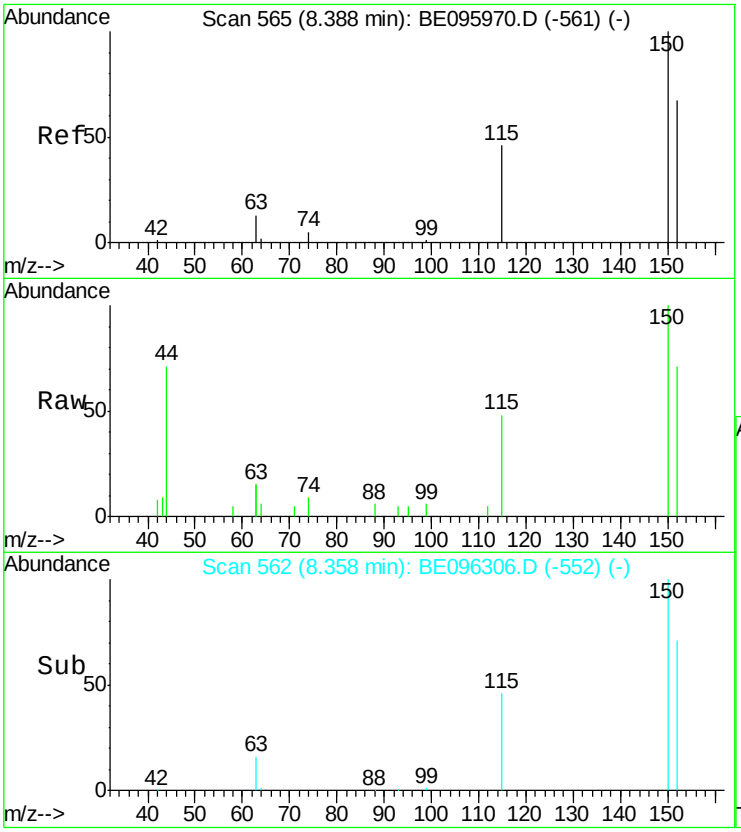
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE050218\
Data File : BE096306.D
Acq On : 2 May 2018 22:35
Operator : SJ/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :

Quant Time: May 03 01:54:35 2018
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE041118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 30 14:27:29 2018
Response via : Initial Calibration



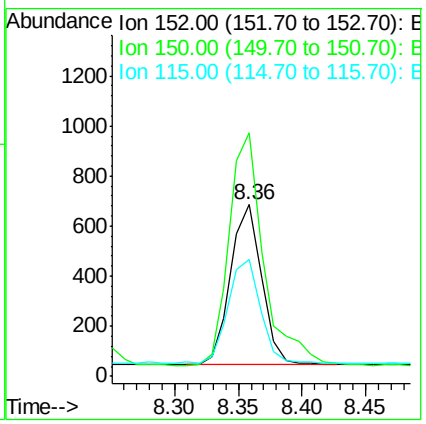


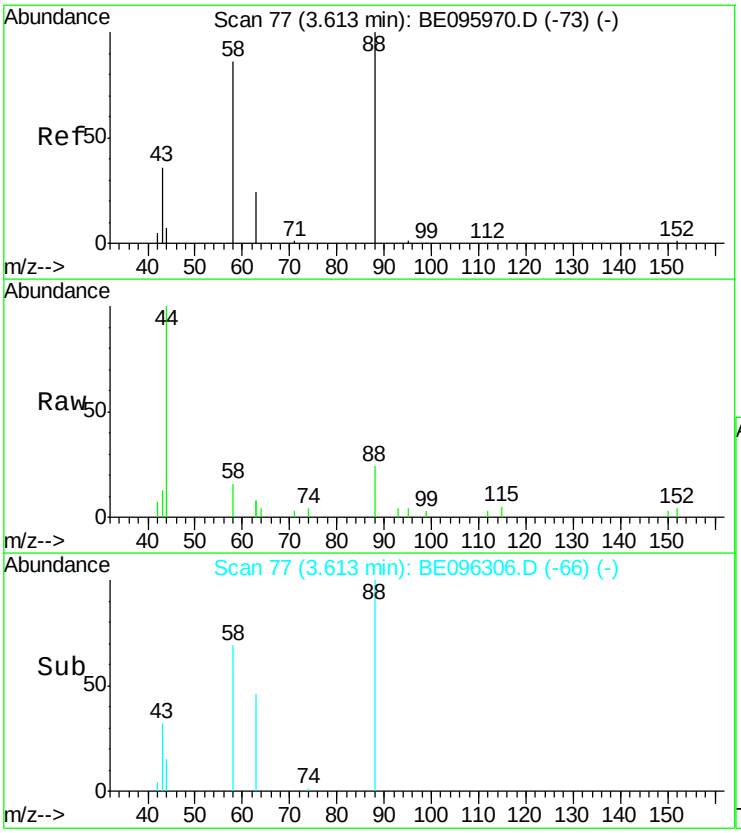
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.36 min Scan# 562
Delta R.T. -0.00 min
Lab File: BE096306.D
Acq: 2 May 2018 22:35

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 1088

Ion	Ratio	Lower	Upper
152	100		
150	141.7	117.2	175.8
115	67.9	57.0	85.6

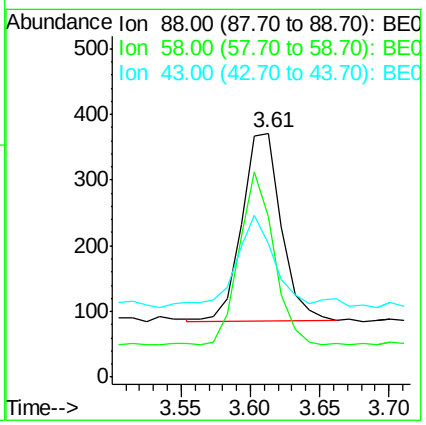


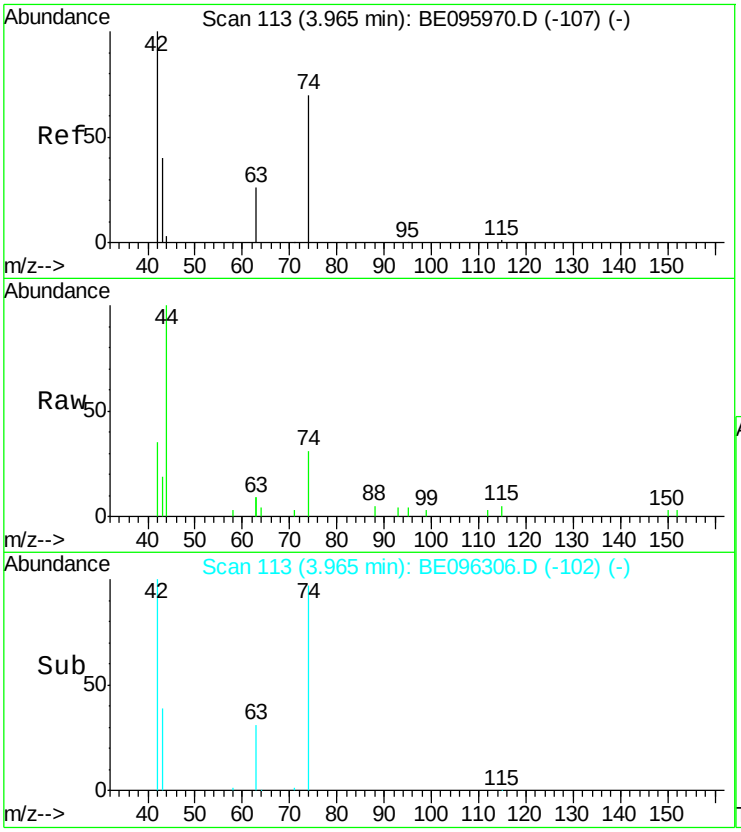


#2
1,4-Dioxane
Concen: 0.338 ng
RT: 3.61 min Scan# 77
Delta R.T. 0.01 min
Lab File: BE096306.D
Acq: 2 May 2018 22:35

Tgt Ion: 88 Resp: 568

Ion	Ratio	Lower	Upper
88	100		
58	81.5	63.2	94.8
43	49.1	41.2	61.8



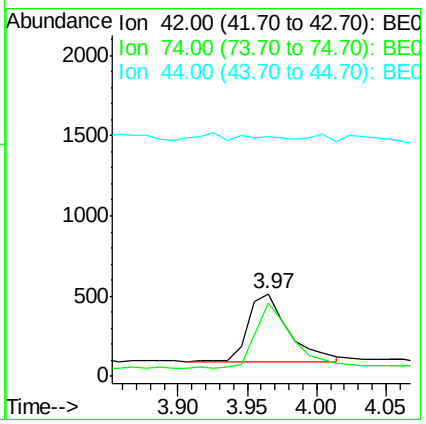


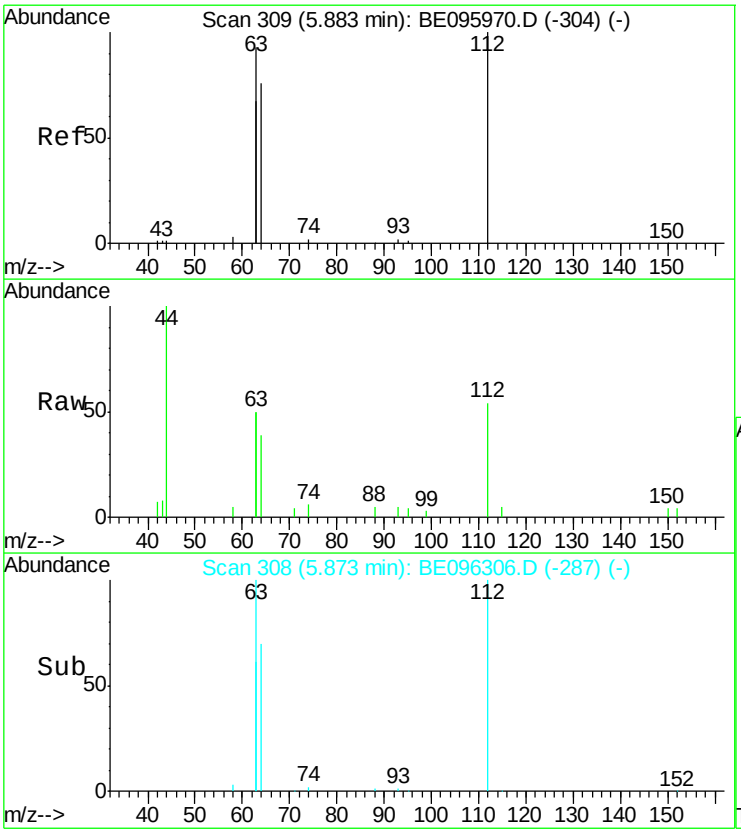
#3
n-Nitrosodimethylamine
Concen: 0.413 ng
RT: 3.97 min Scan# 113
Delta R.T. 0.01 min
Lab File: BE096306.D
Acq: 2 May 2018 22:35

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 42 Resp: 851

Ion	Ratio	Lower	Upper
42	100		
74	87.5	96.0	144.0#
44	0.0	12.0	18.0#

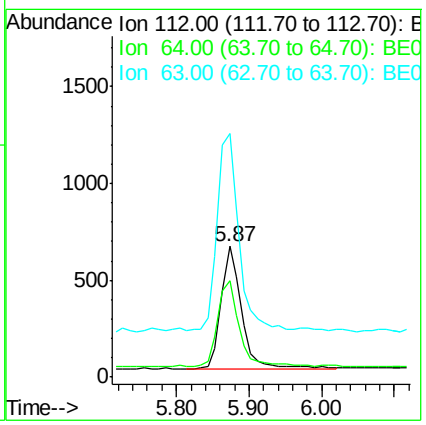


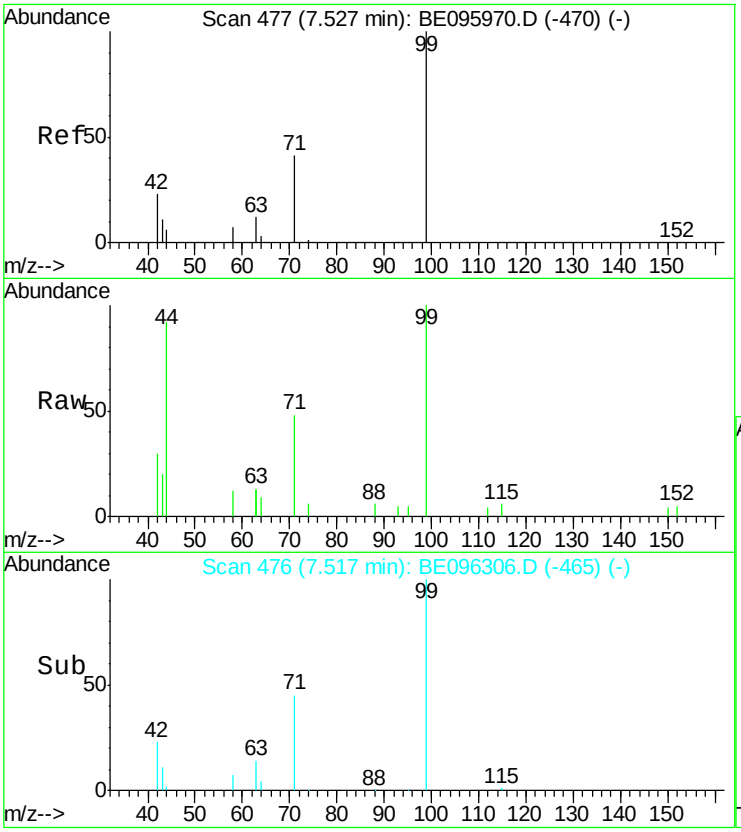


#4
2-Fluorophenol
Concen: 0.364 ng
RT: 5.87 min Scan# 308
Delta R.T. 0.01 min
Lab File: BE096306.D
Acq: 2 May 2018 22:35

Tgt Ion:112 Resp: 1224

Ion	Ratio	Lower	Upper
112	100		
64	73.4	60.1	90.1
63	169.1	116.8	175.2



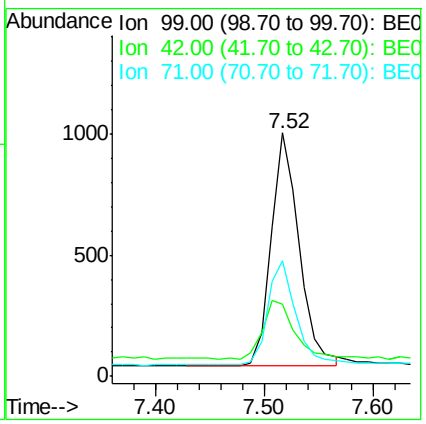


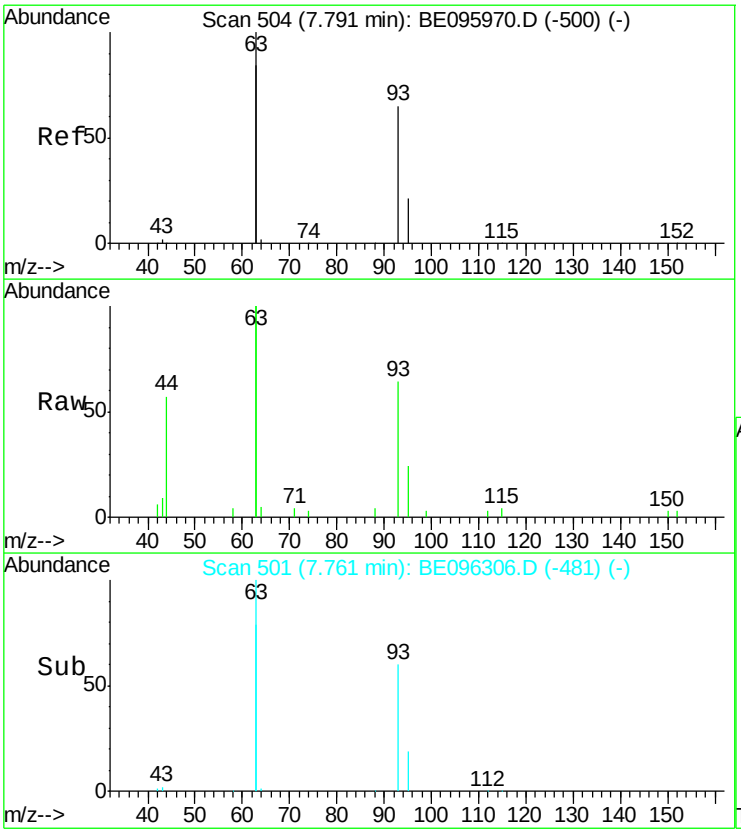
#5
Phenol-d6
Concen: 0.371 ng
RT: 7.52 min Scan# 476
Delta R.T. 0.01 min
Lab File: BE096306.D
Acq: 2 May 2018 22:35

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 99 Resp: 1723

Ion	Ratio	Lower	Upper
99	100		
42	27.9	20.2	30.2
71	44.7	28.4	42.6#

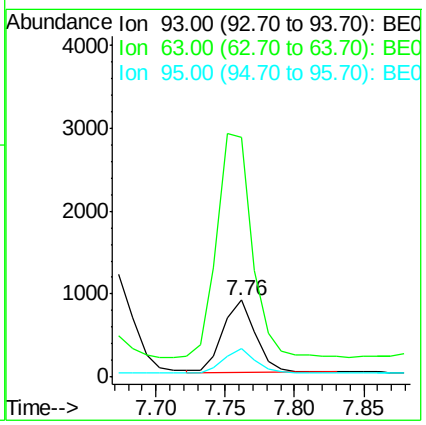


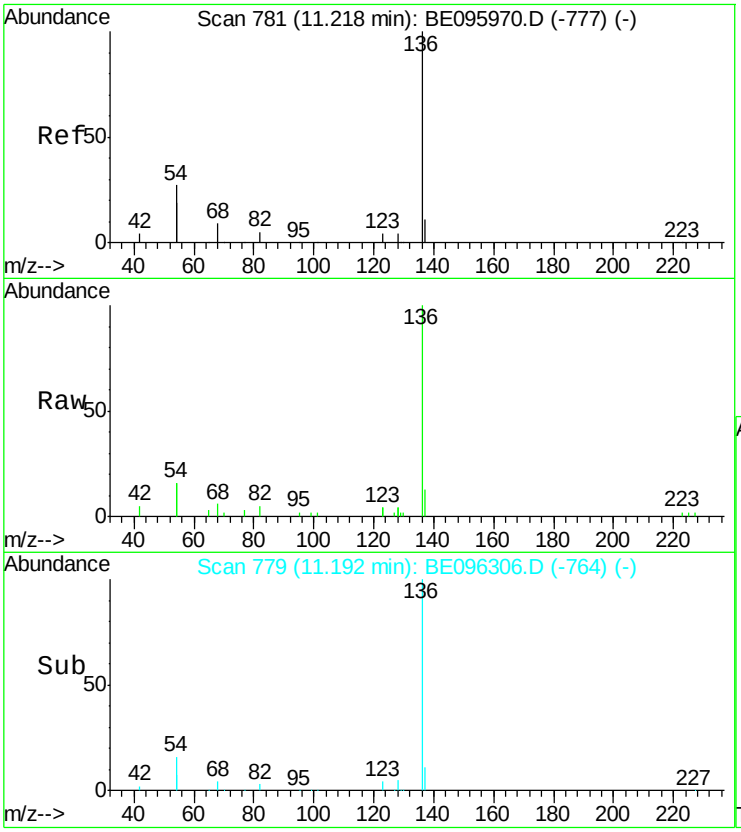


#6
bis(2-Chloroethyl)ether
Concen: 0.352 ng
RT: 7.76 min Scan# 501
Delta R.T. -0.00 min
Lab File: BE096306.D
Acq: 2 May 2018 22:35

Tgt Ion: 93 Resp: 1437

Ion	Ratio	Lower	Upper
93	100		
63	334.0	275.3	412.9
95	32.6	25.2	37.8



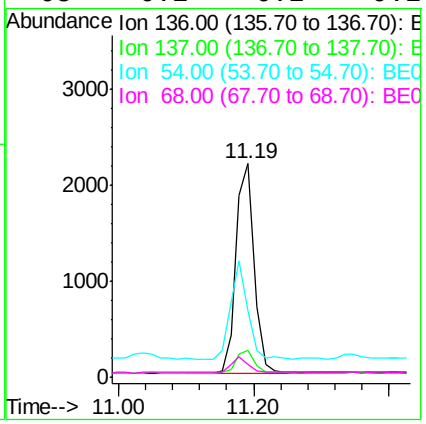


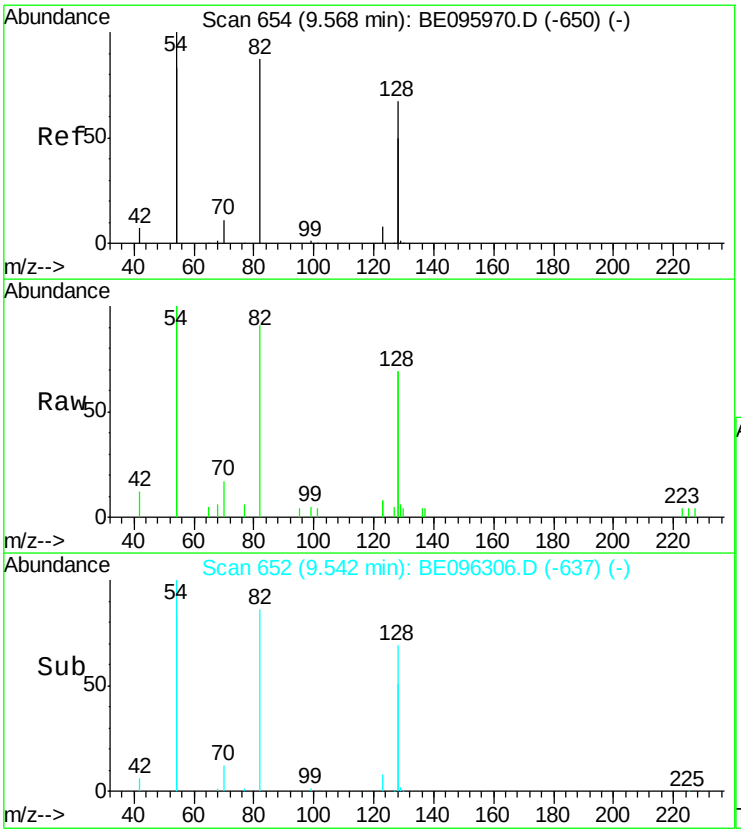
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 11.19 min Scan# 779
Delta R.T. 0.00 min
Lab File: BE096306.D
Acq: 2 May 2018 22:35

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:136 Resp: 4136

Ion	Ratio	Lower	Upper
136	100		
137	12.6	9.5	14.3
54	31.2	29.1	43.7
68	6.2	6.2	9.2

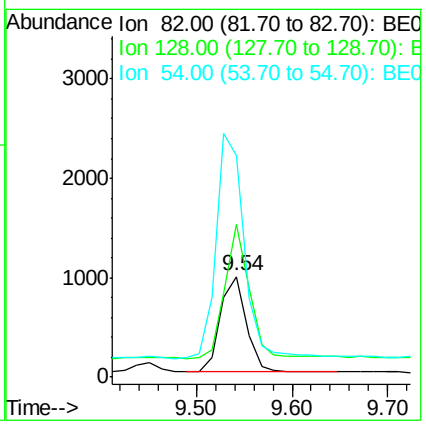


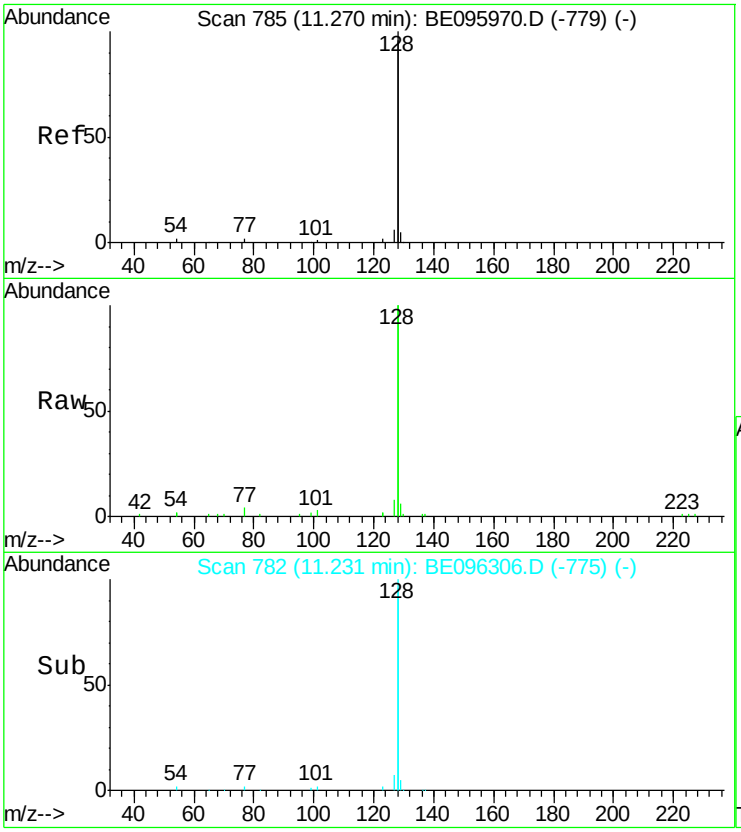


#8
Nitrobenzene-d5
Concen: 0.378 ng
RT: 9.54 min Scan# 652
Delta R.T. 0.00 min
Lab File: BE096306.D
Acq: 2 May 2018 22:35

Tgt Ion: 82 Resp: 1836

Ion	Ratio	Lower	Upper
82	100		
128	151.2	150.0	225.0
54	220.7	154.2	231.4

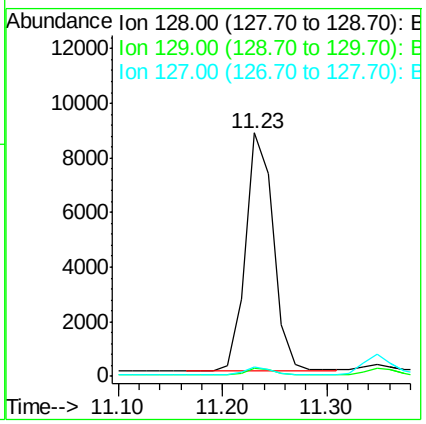




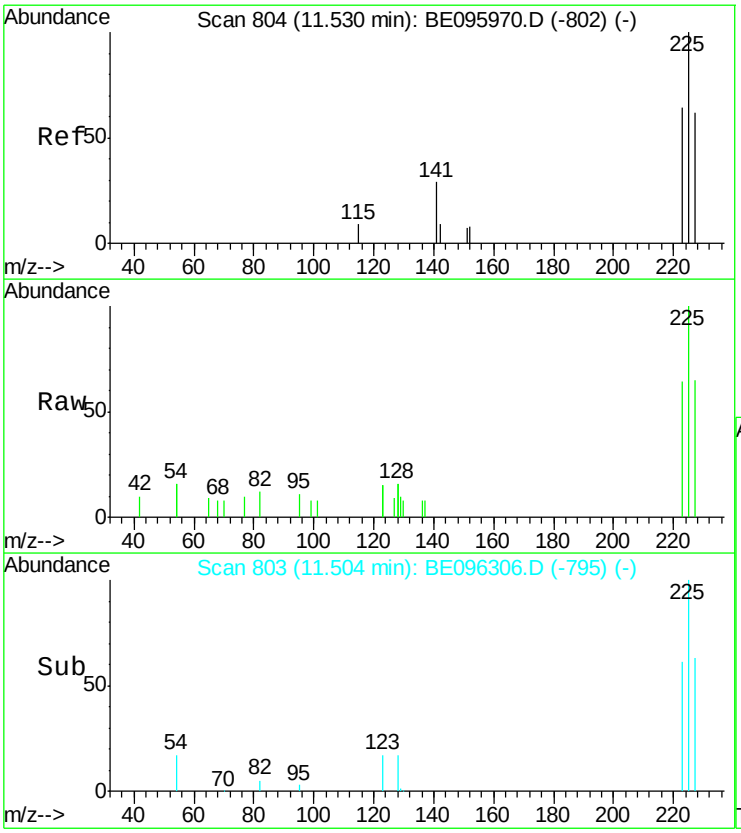
#9
Naphthalene
Concen: 0.375 ng
RT: 11.23 min Scan# 782
Delta R.T. -0.01 min
Lab File: BE096306.D
Acq: 2 May 2018 22:35

Tgt Ion:128 Resp: 16333

Ion	Ratio	Lower	Upper
128	100		
129	3.2	2.6	3.8
127	4.1	2.8	4.2



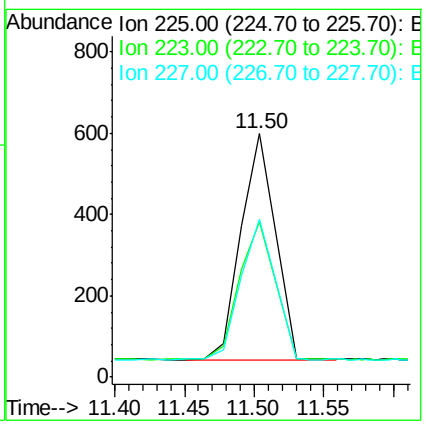
Instrument :
BNA_E
ClientSampleId :

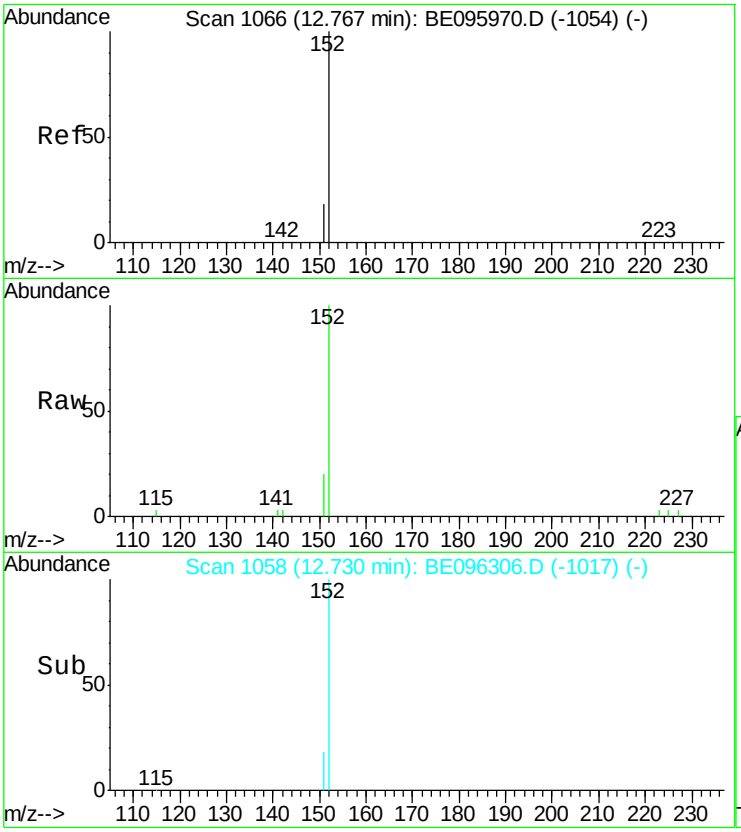


#10
Hexachlorobutadiene
Concen: 0.284 ng
RT: 11.50 min Scan# 803
Delta R.T. 0.00 min
Lab File: BE096306.D
Acq: 2 May 2018 22:35

Tgt Ion:225 Resp: 549

Ion	Ratio	Lower	Upper
225	100		
223	74.5	53.0	79.6
227	75.0	51.4	77.2



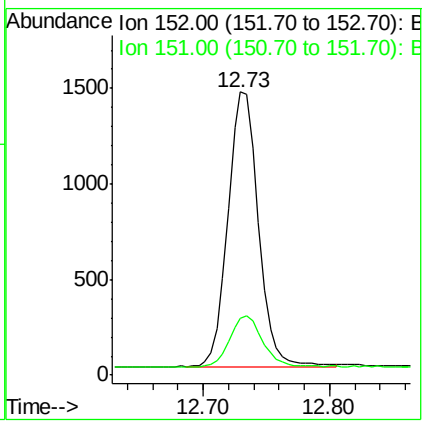


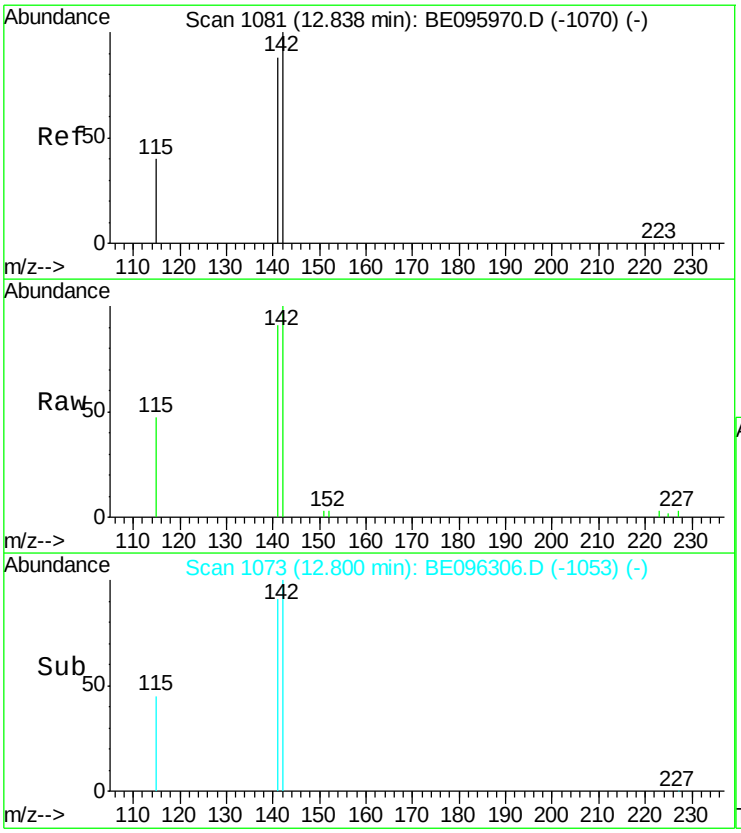
#11
2-Methylnaphthalene-d10
Concen: 0.366 ng
RT: 12.73 min Scan# 1058
Delta R.T. -0.01 min
Lab File: BE096306.D
Acq: 2 May 2018 22:35

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 2399

Ion	Ratio	Lower	Upper
152	100		
151	19.8	15.4	23.0

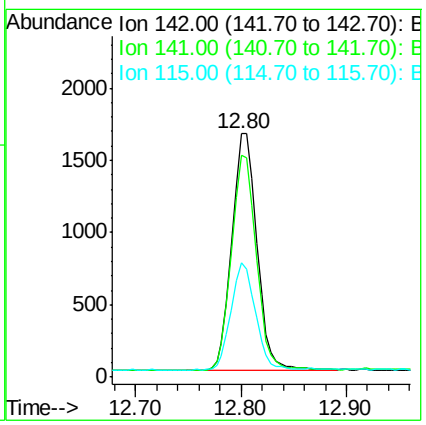


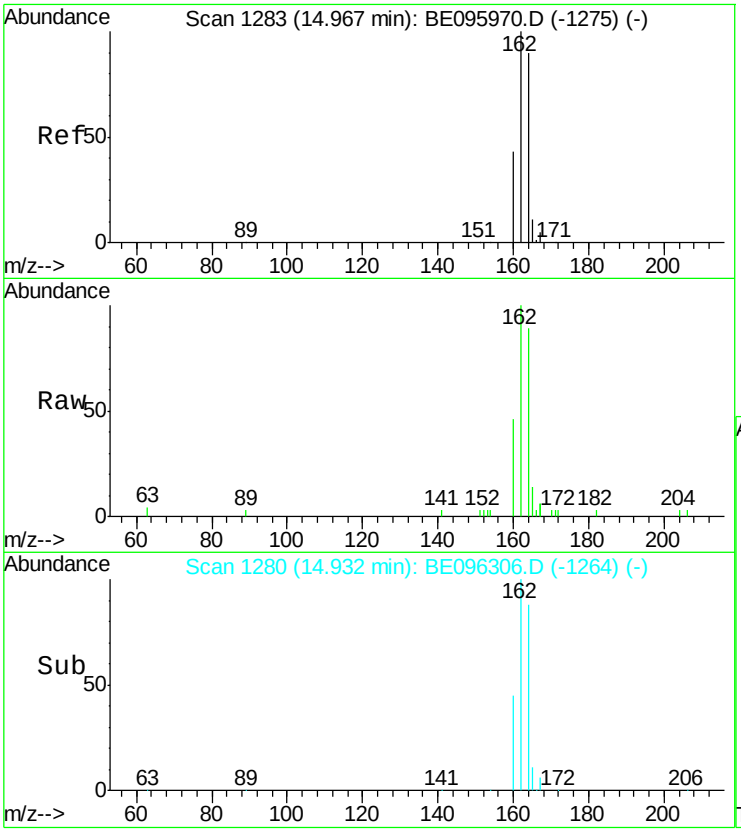


#12
2-Methylnaphthalene
Concen: 0.374 ng
RT: 12.80 min Scan# 1073
Delta R.T. -0.01 min
Lab File: BE096306.D
Acq: 2 May 2018 22:35

Tgt Ion:142 Resp: 2697

Ion	Ratio	Lower	Upper
142	100		
141	91.2	70.4	105.6
115	46.9	31.7	47.5



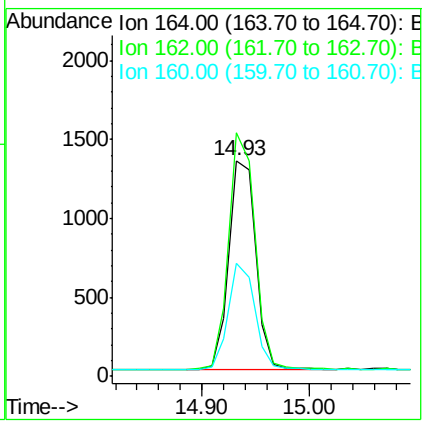


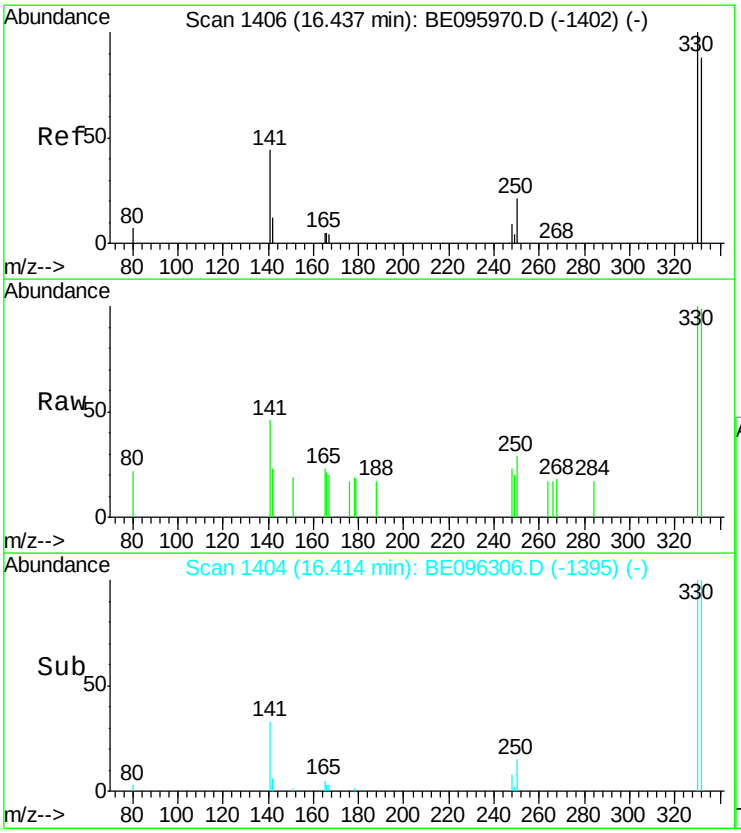
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.93 min Scan# 1280
Delta R.T. -0.01 min
Lab File: BE096306.D
Acq: 2 May 2018 22:35

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:164 Resp: 2257

Ion	Ratio	Lower	Upper
164	100		
162	112.8	83.1	124.7
160	52.4	37.1	55.7

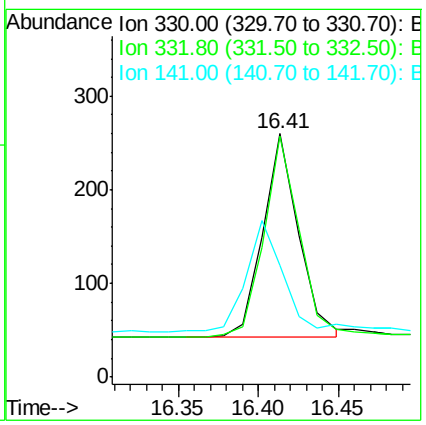


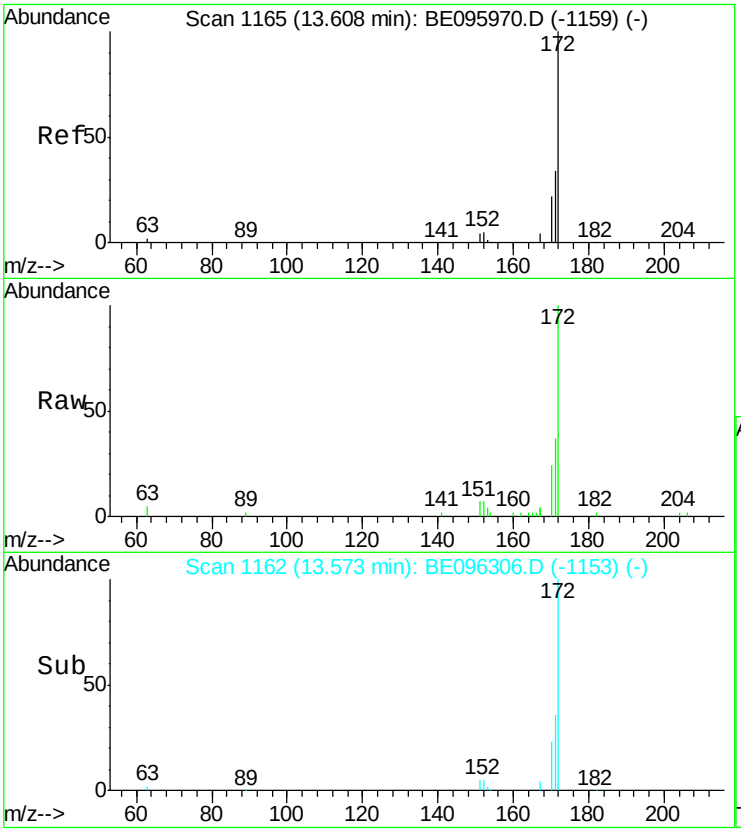


#14
2,4,6-Tribromophenol
Concen: 0.308 ng
RT: 16.41 min Scan# 1404
Delta R.T. 0.00 min
Lab File: BE096306.D
Acq: 2 May 2018 22:35

Tgt Ion:330 Resp: 336

Ion	Ratio	Lower	Upper
330	100		
332	97.6	152.7	229.1#
141	55.7	33.7	50.5#



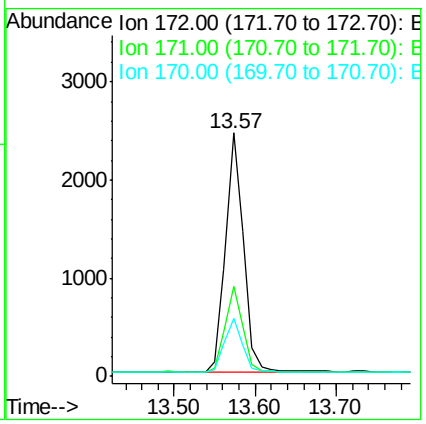


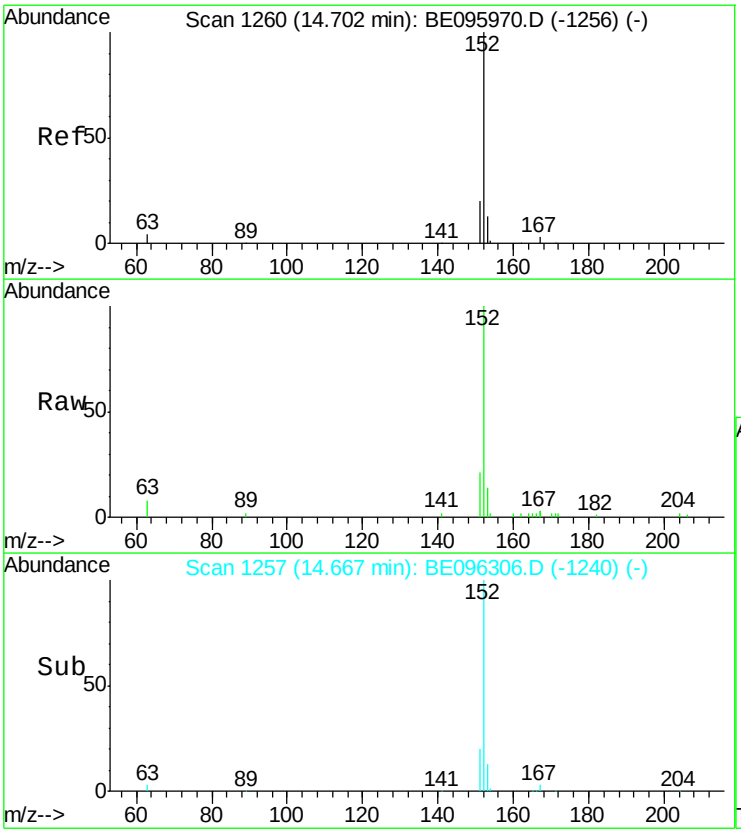
#15
2-Fluorobiphenyl
Concen: 0.387 ng
RT: 13.57 min Scan# 1162
Delta R.T. -0.00 min
Lab File: BE096306.D
Acq: 2 May 2018 22:35

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:172 Resp: 3733

Ion	Ratio	Lower	Upper
172	100		
171	37.0	29.9	44.9
170	24.0	21.8	32.8

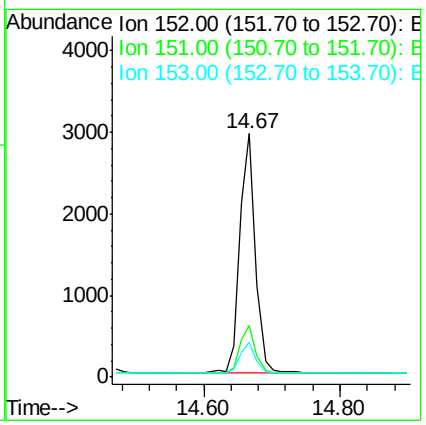


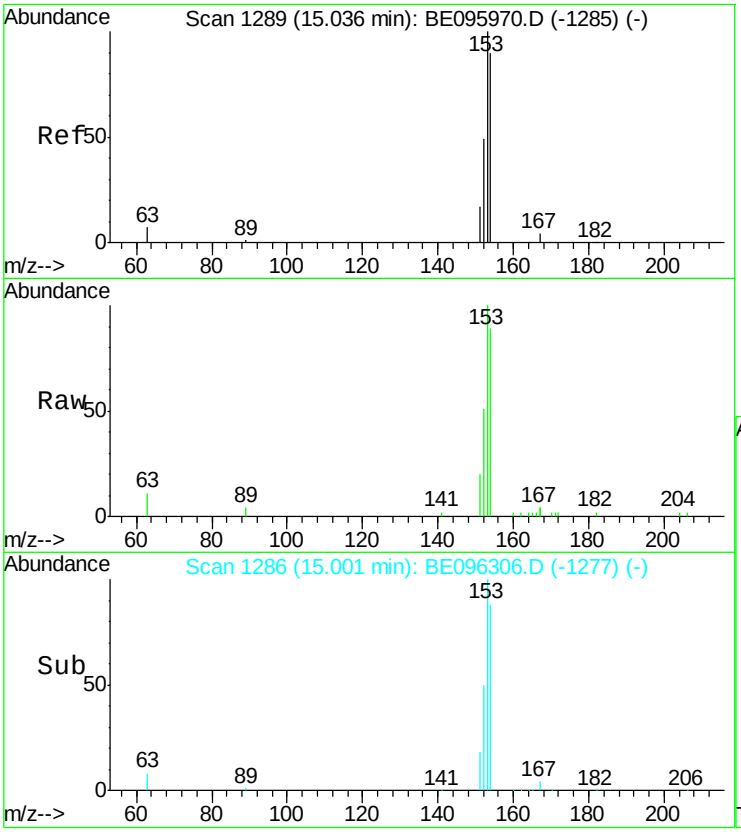


#16
Acenaphthylene
Concen: 0.390 ng
RT: 14.67 min Scan# 1257
Delta R.T. -0.00 min
Lab File: BE096306.D
Acq: 2 May 2018 22:35

Tgt Ion:152 Resp: 4702

Ion	Ratio	Lower	Upper
152	100		
151	19.8	15.7	23.5
153	13.2	10.5	15.7



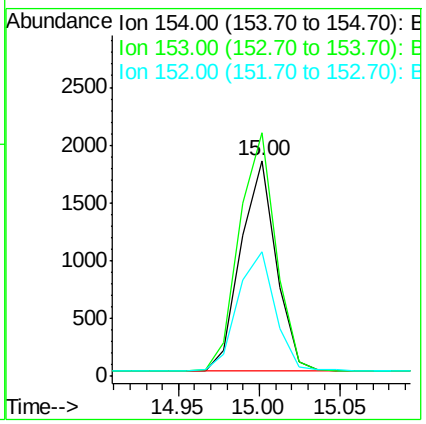


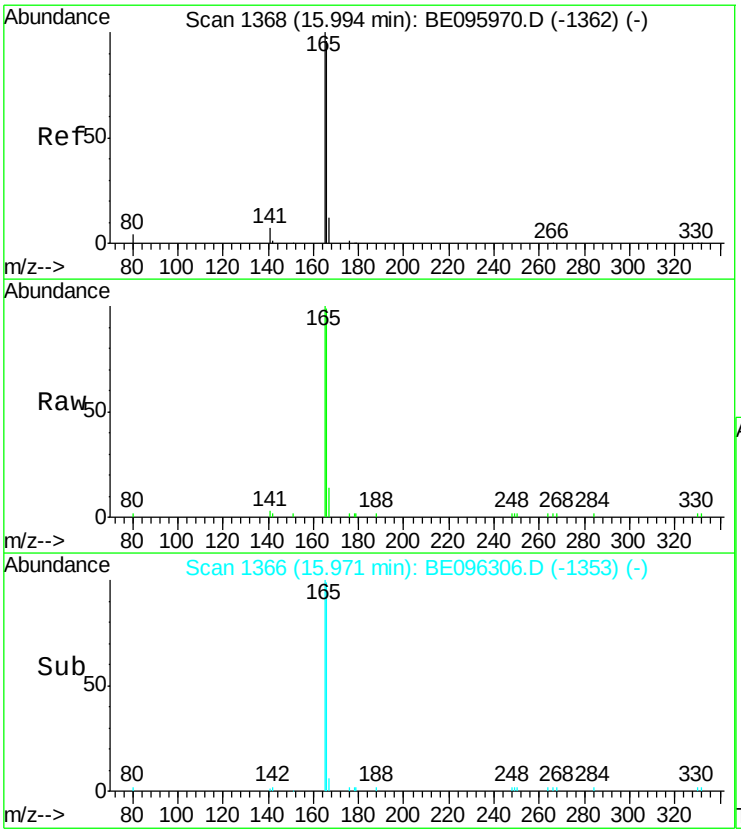
#17
Acenaphthene
Concen: 0.380 ng
RT: 15.00 min Scan# 1286
Delta R.T. -0.00 min
Lab File: BE096306.D
Acq: 2 May 2018 22:35

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:154 Resp: 2751

Ion	Ratio	Lower	Upper
154	100		
153	117.0	89.2	133.8
152	60.0	42.0	63.0

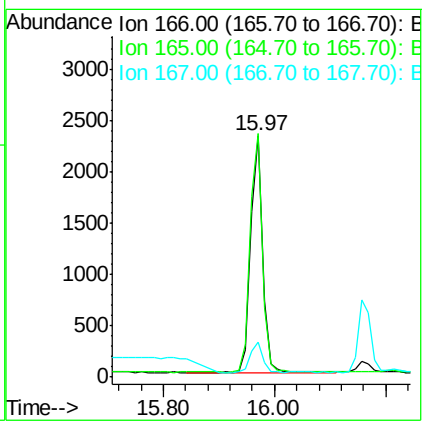


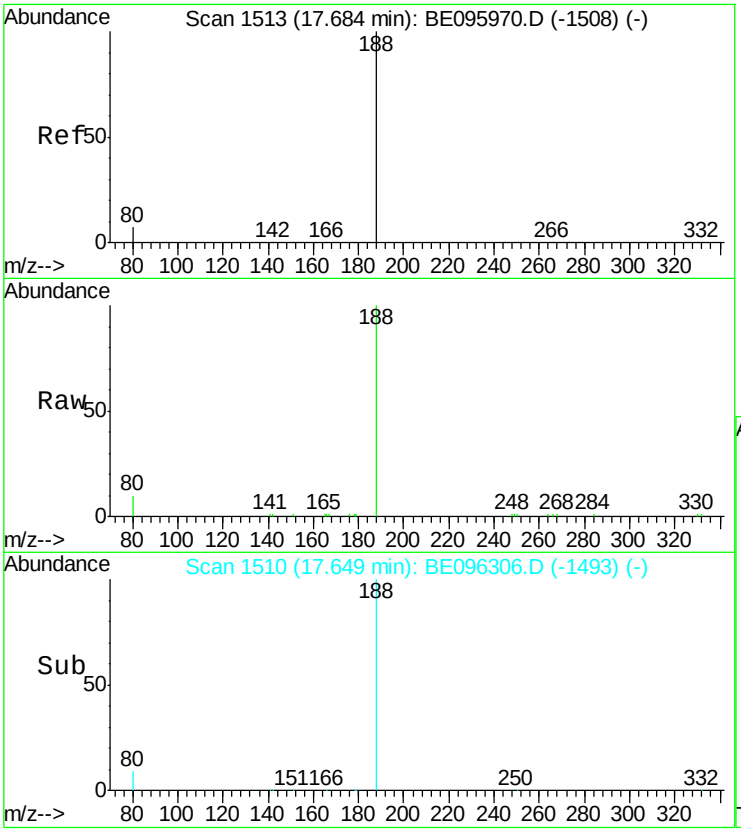


#18
Fluorene
Concen: 0.470 ng
RT: 15.97 min Scan# 1366
Delta R.T. 0.00 min
Lab File: BE096306.D
Acq: 2 May 2018 22:35

Tgt Ion:166 Resp: 4215

Ion	Ratio	Lower	Upper
166	100		
165	84.8	77.8	116.6
167	10.6	42.4	63.6#



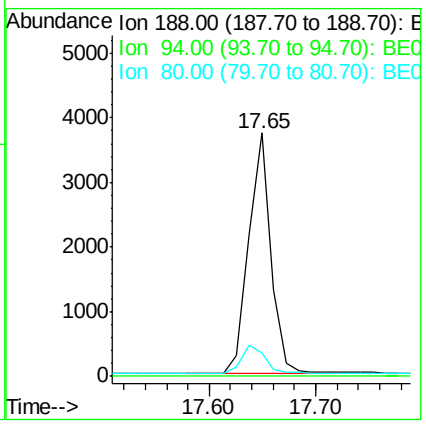


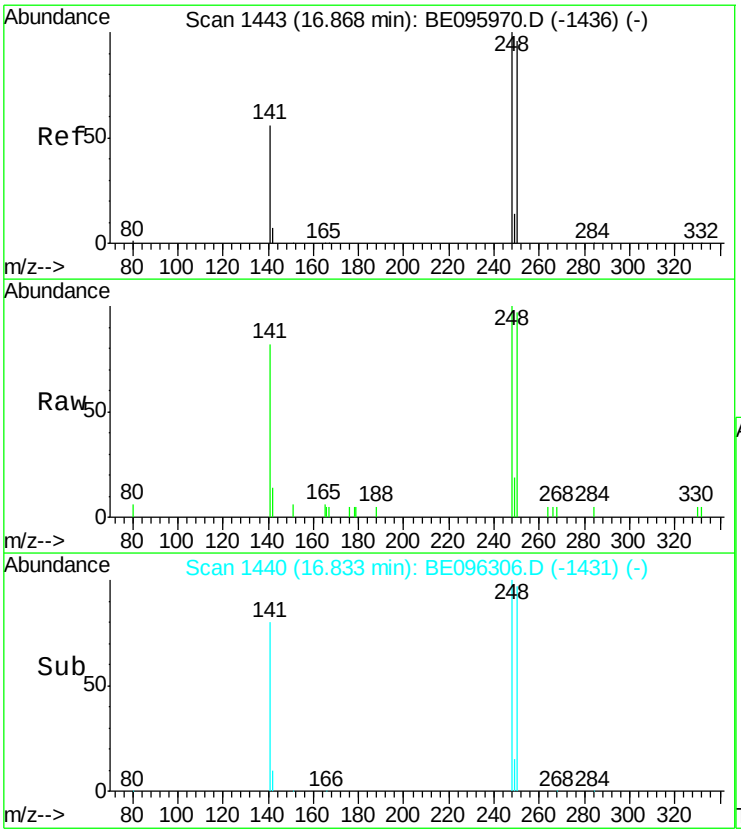
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.65 min Scan# 1510
Delta R.T. 0.00 min
Lab File: BE096306.D
Acq: 2 May 2018 22:35

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:188 Resp: 5388

Ion	Ratio	Lower	Upper
188	100		
94	0.0	3.9	5.9#
80	9.7	3.6	5.4#

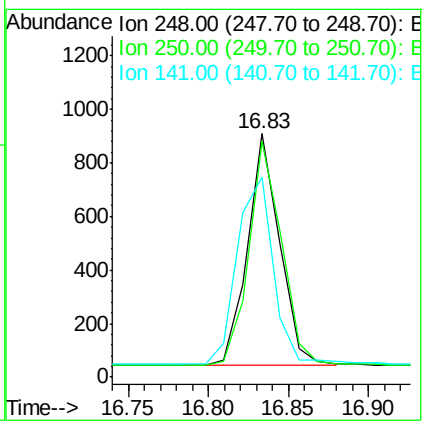


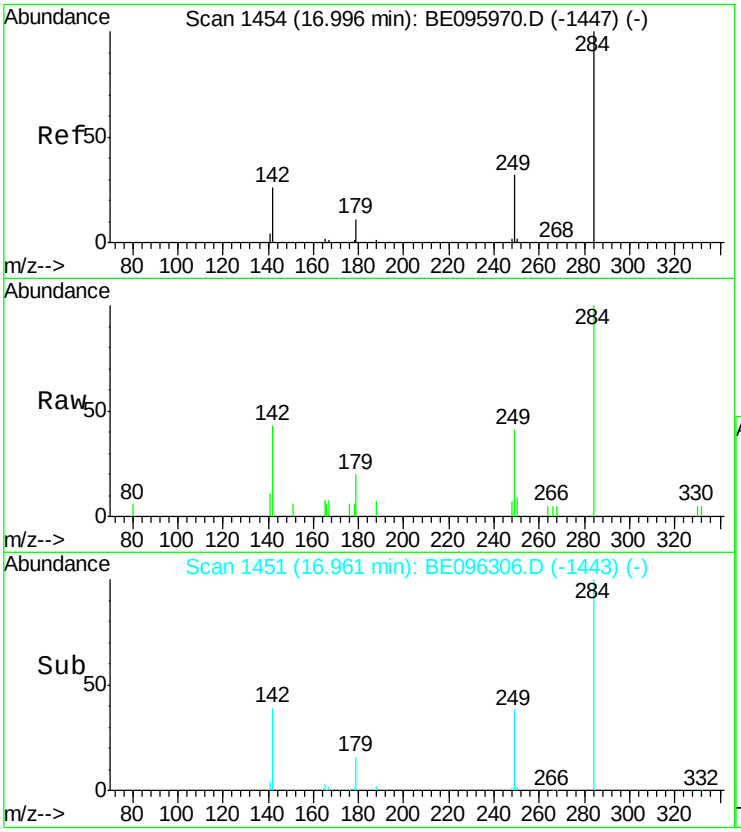


#20
4-Bromophenyl-phenylether
Concen: 0.377 ng
RT: 16.83 min Scan# 1440
Delta R.T. 0.00 min
Lab File: BE096306.D
Acq: 2 May 2018 22:35

Tgt Ion:248 Resp: 1207

Ion	Ratio	Lower	Upper
248	100		
250	97.0	62.7	94.1#
141	82.1	48.2	72.2#



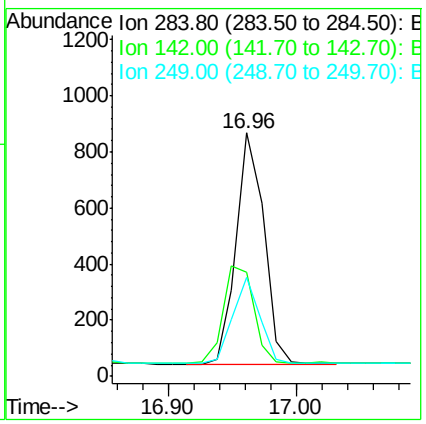


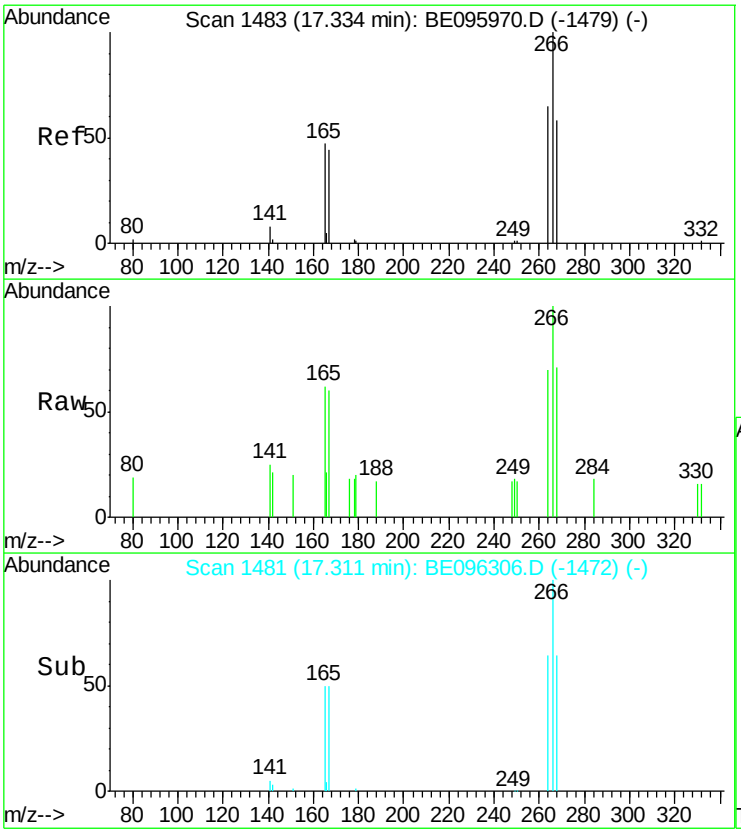
#21
Hexachlorobenzene
Concen: 0.390 ng
RT: 16.96 min Scan# 1451
Delta R.T. -0.01 min
Lab File: BE096306.D
Acq: 2 May 2018 22:35

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:284 Resp: 1245

Ion	Ratio	Lower	Upper
284	100		
142	46.3	22.1	33.1#
249	36.3	34.8	52.2

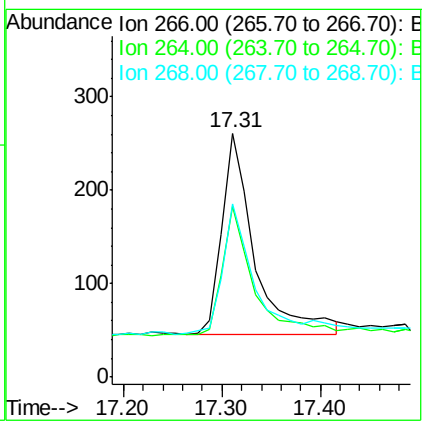


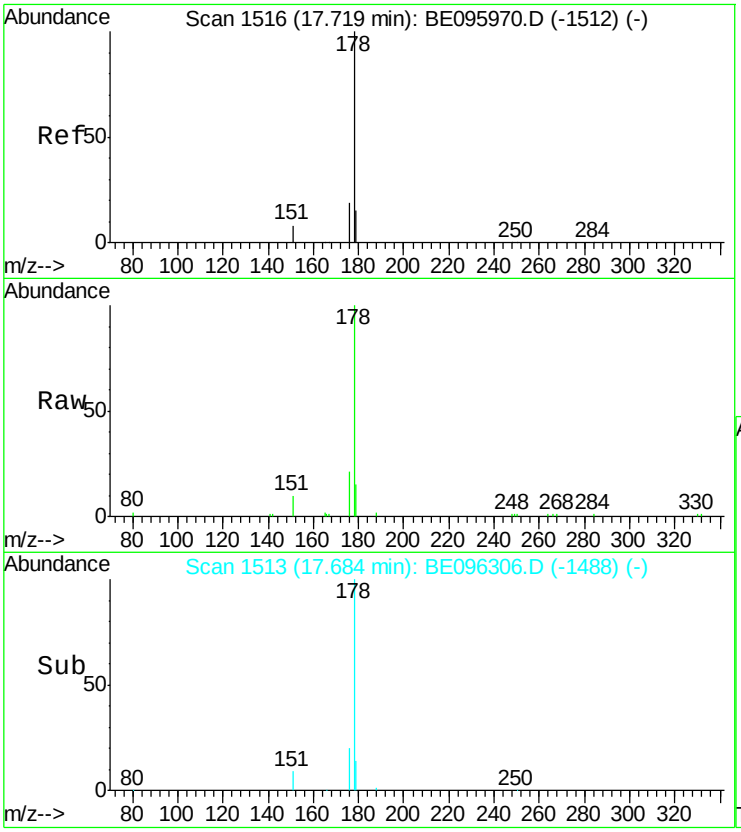


#22
Pentachlorophenol
Concen: 0.477 ng
RT: 17.31 min Scan# 1481
Delta R.T. 0.00 min
Lab File: BE096306.D
Acq: 2 May 2018 22:35

Tgt Ion:266 Resp: 503

Ion	Ratio	Lower	Upper
266	100		
264	70.1	72.5	108.7#
268	70.9	73.8	110.6#



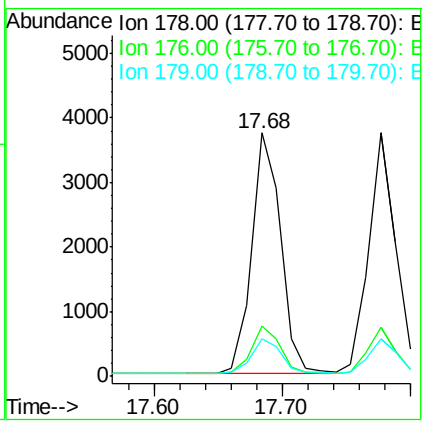


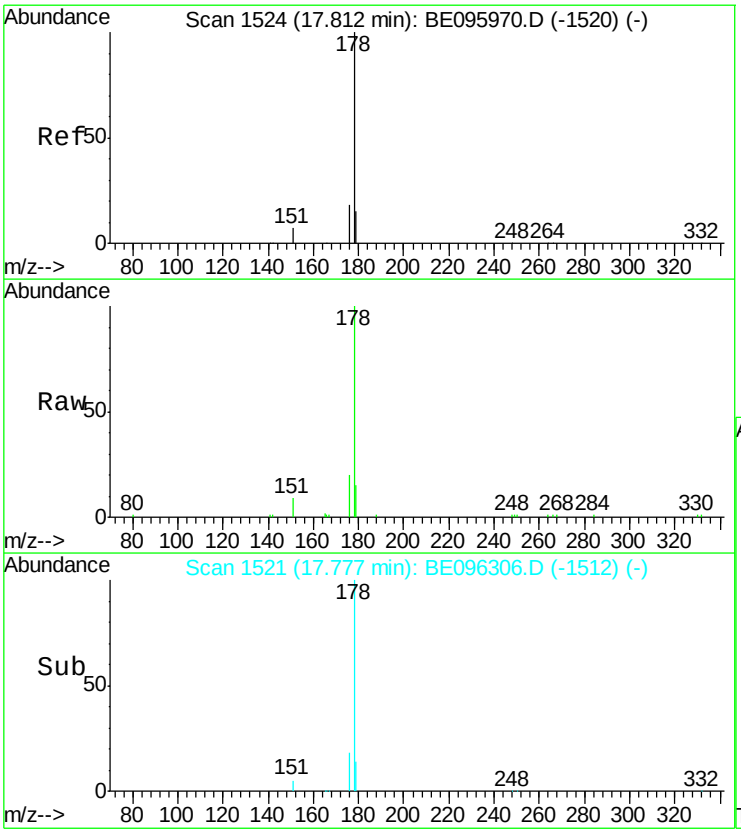
#23
Phenanthrene
Concen: 0.387 ng
RT: 17.68 min Scan# 1513
Delta R.T. -0.01 min
Lab File: BE096306.D
Acq: 2 May 2018 22:35

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:178 Resp: 5863

Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.1	22.7
179	14.3	11.8	17.6

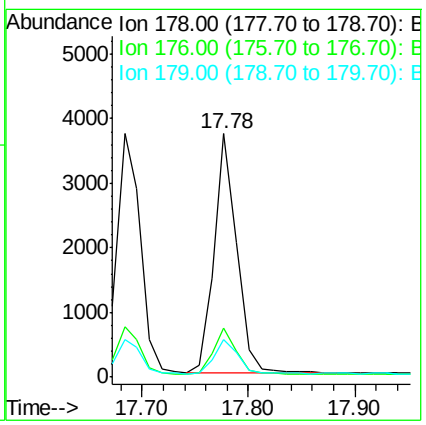


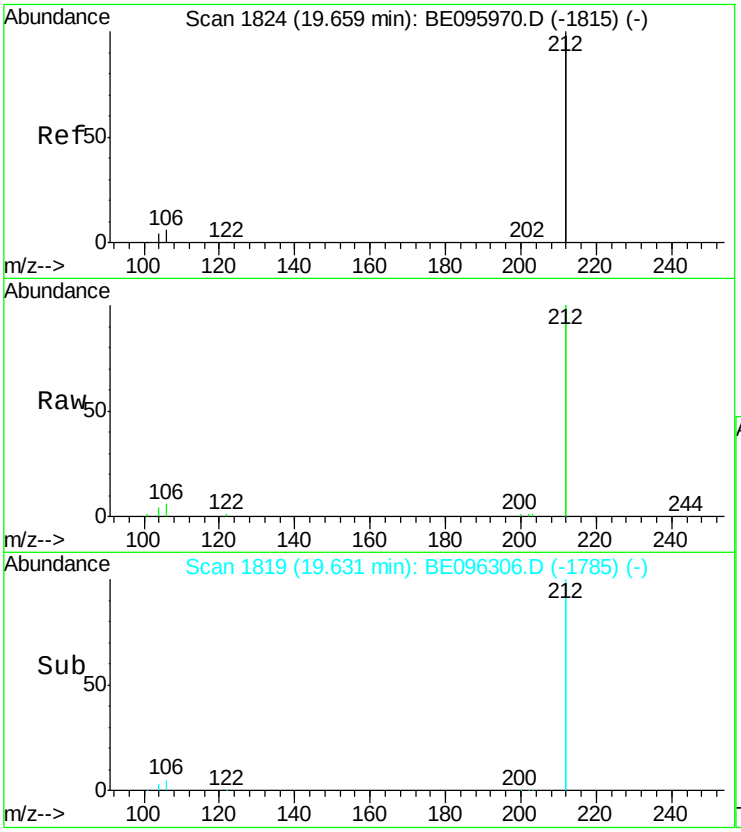


#24
Anthracene
Concen: 0.380 ng
RT: 17.78 min Scan# 1521
Delta R.T. 0.00 min
Lab File: BE096306.D
Acq: 2 May 2018 22:35

Tgt Ion:178 Resp: 5499

Ion	Ratio	Lower	Upper
178	100		
176	19.0	12.8	19.2
179	14.6	13.0	19.6



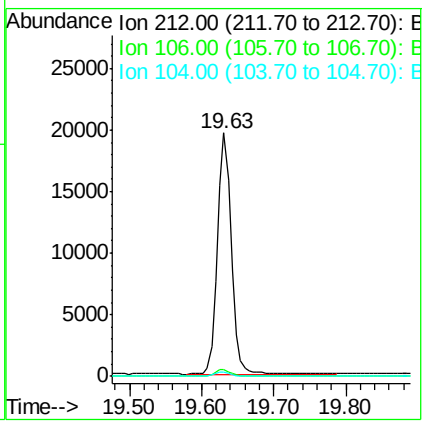


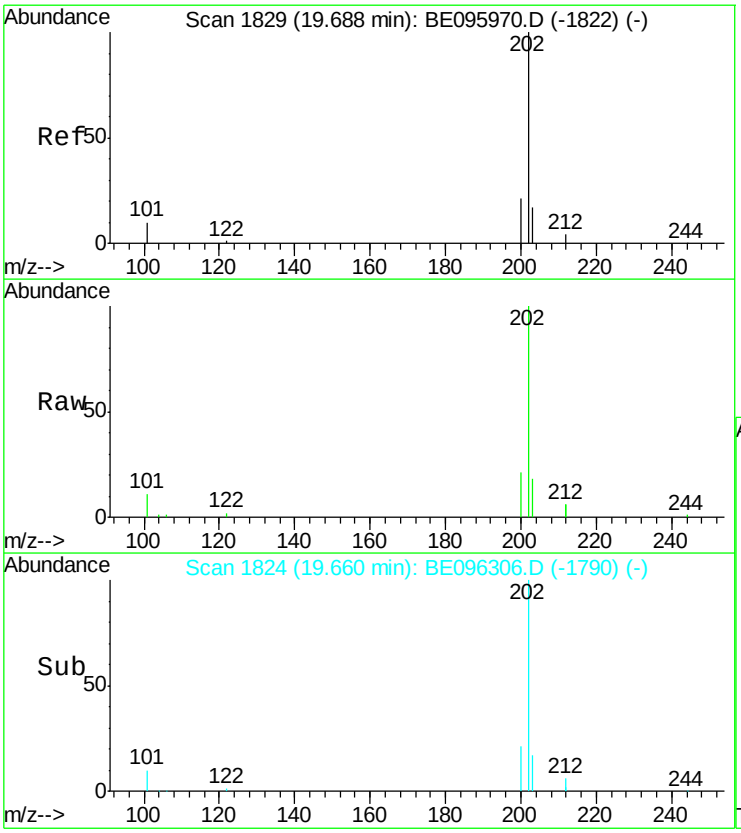
#25
Fluoranthene-d10
Concen: 0.356 ng
RT: 19.63 min Scan# 1819
Delta R.T. -0.00 min
Lab File: BE096306.D
Acq: 2 May 2018 22:35

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:212 Resp: 26066

Ion	Ratio	Lower	Upper
212	100		
106	2.9	2.8	4.2
104	1.7	1.6	2.4

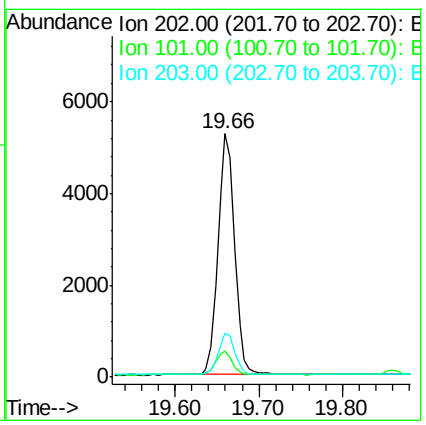


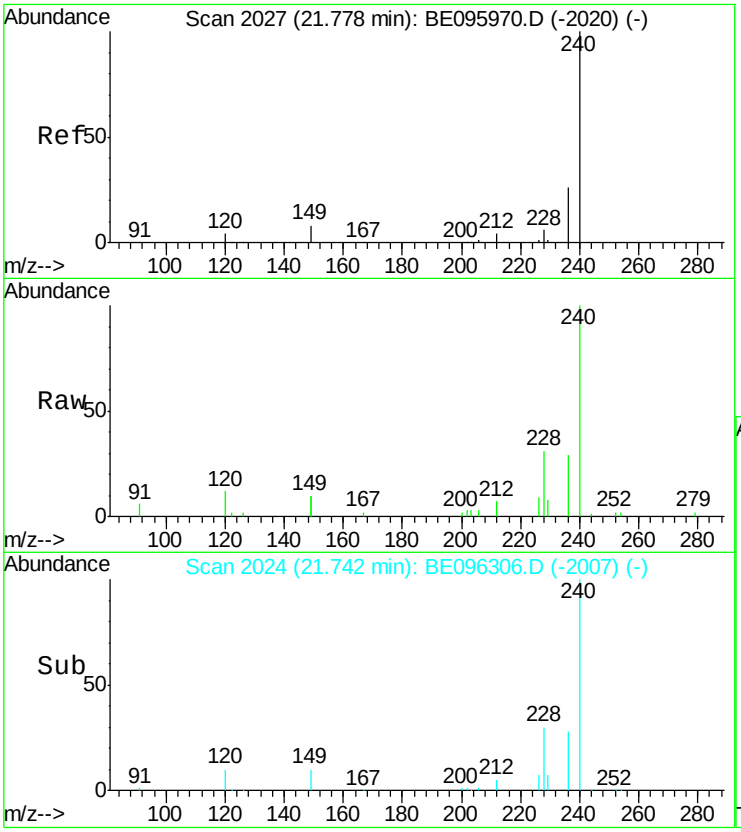


#26
Fluoranthene
Concen: 0.366 ng
RT: 19.66 min Scan# 1824
Delta R.T. -0.00 min
Lab File: BE096306.D
Acq: 2 May 2018 22:35

Tgt Ion:202 Resp: 7273

Ion	Ratio	Lower	Upper
202	100		
101	9.6	9.8	14.8#
203	16.7	13.7	20.5



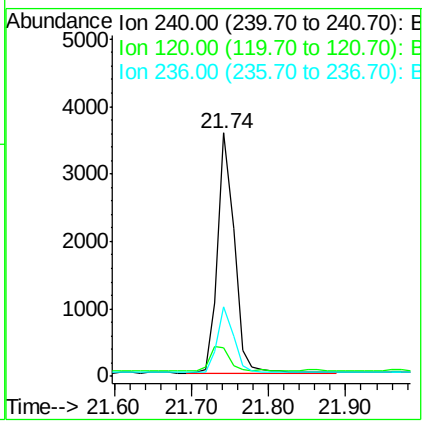


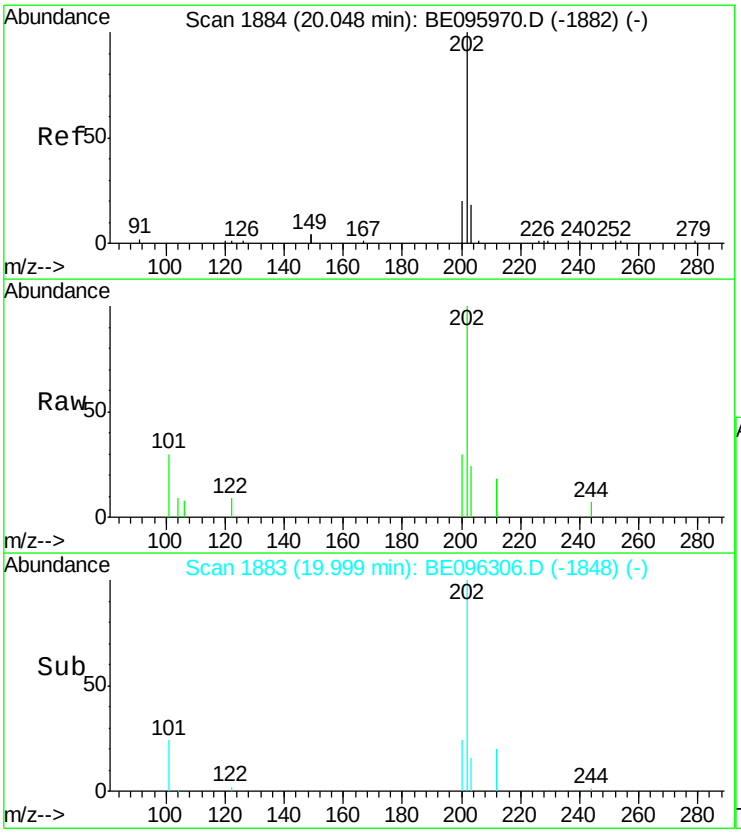
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.74 min Scan# 2024
Delta R.T. 0.00 min
Lab File: BE096306.D
Acq: 2 May 2018 22:35

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:240 Resp: 5375

Ion	Ratio	Lower	Upper
240	100		
120	12.0	5.5	8.3#
236	28.7	20.7	31.1

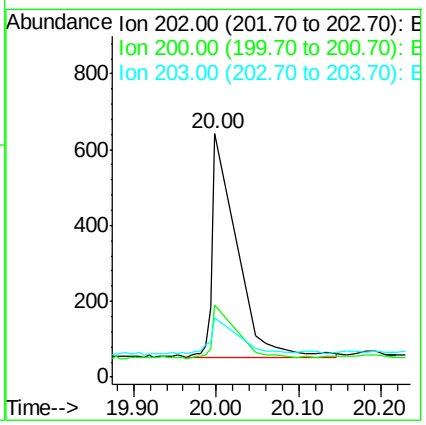


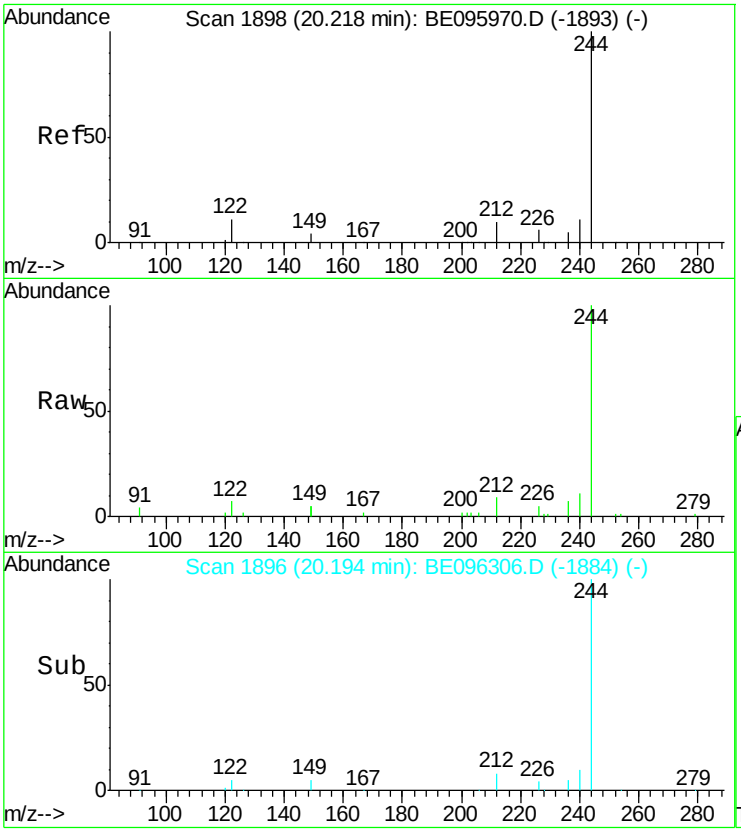


#28
Pyrene
Concen: 0.068 ng
RT: 20.00 min Scan# 1883
Delta R.T. 0.00 min
Lab File: BE096306.D
Acq: 2 May 2018 22:35

Tgt Ion:202 Resp: 717

Ion	Ratio	Lower	Upper
202	100		
200	23.8	16.6	25.0
203	19.9	13.8	20.8



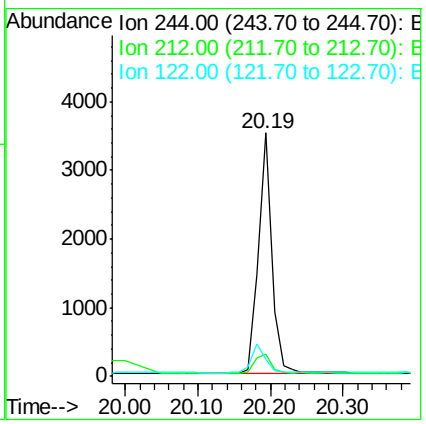


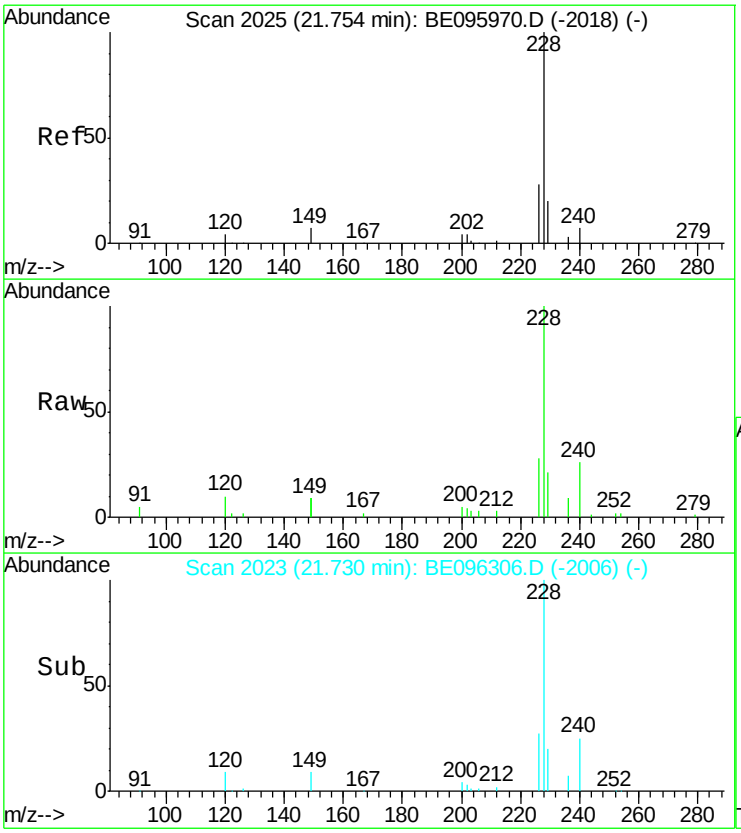
#29
Terphenyl-d14
Concen: 0.376 ng
RT: 20.19 min Scan# 1896
Delta R.T. 0.00 min
Lab File: BE096306.D
Acq: 2 May 2018 22:35

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:244 Resp: 4470

Ion	Ratio	Lower	Upper
244	100		
212	9.3	25.4	38.0#
122	6.8	8.1	12.1#

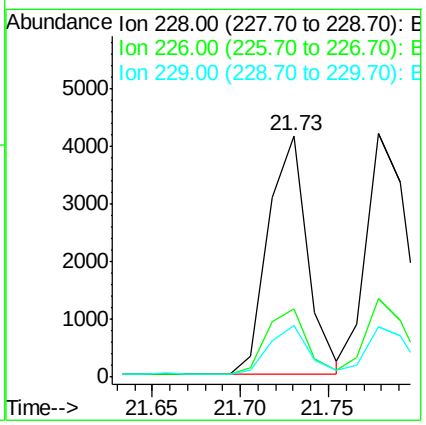


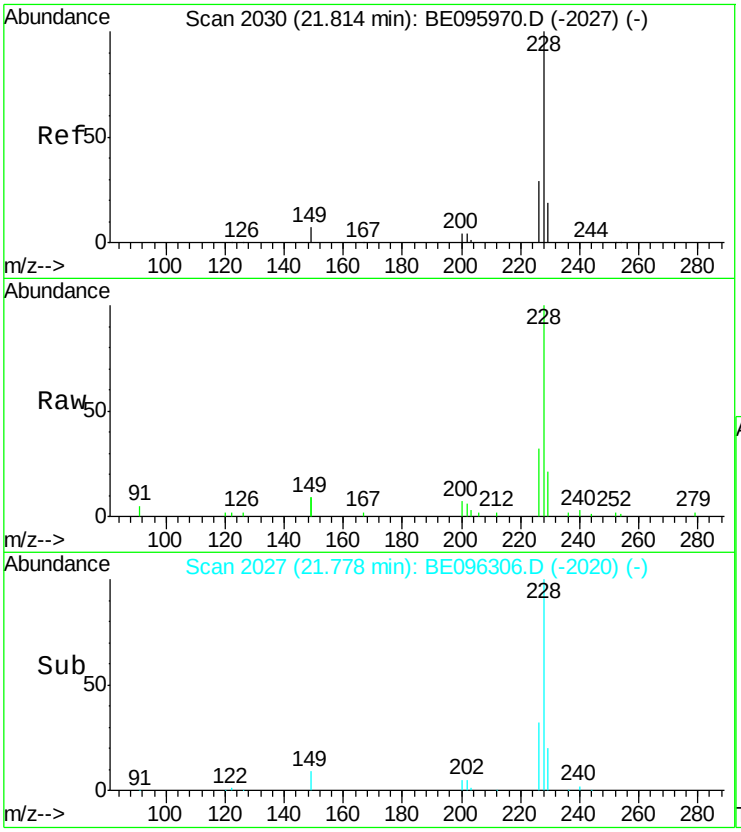


#30
Benzo(a)anthracene
Concen: 0.371 ng
RT: 21.73 min Scan# 2023
Delta R.T. 0.00 min
Lab File: BE096306.D
Acq: 2 May 2018 22:35

Tgt Ion:228 Resp: 6403

Ion	Ratio	Lower	Upper
228	100		
226	28.5	24.0	36.0
229	21.2	16.0	24.0



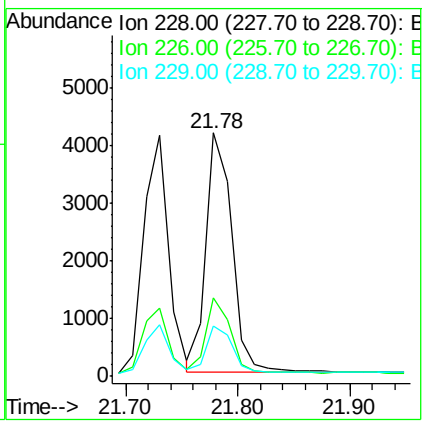


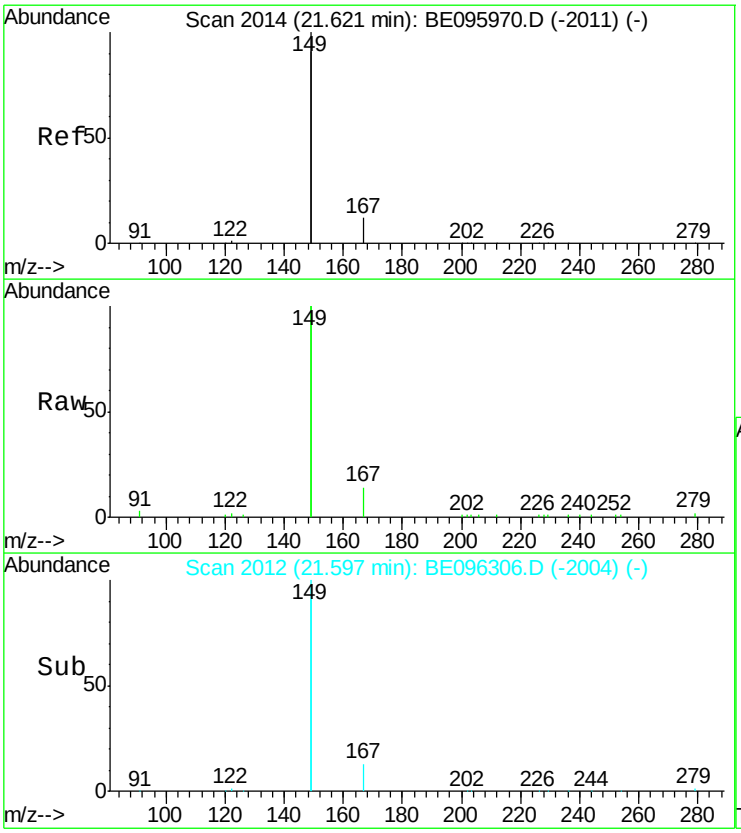
#31
Chrysene
Concen: 0.396 ng
RT: 21.78 min Scan# 2027
Delta R.T. -0.01 min
Lab File: BE096306.D
Acq: 2 May 2018 22:35

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:228 Resp: 6591

Ion	Ratio	Lower	Upper
228	100		
226	32.5	24.0	36.0
229	20.8	16.0	24.0

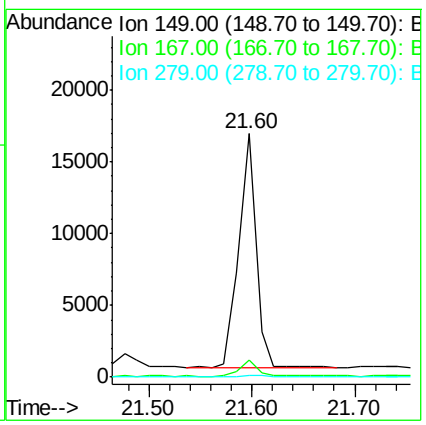


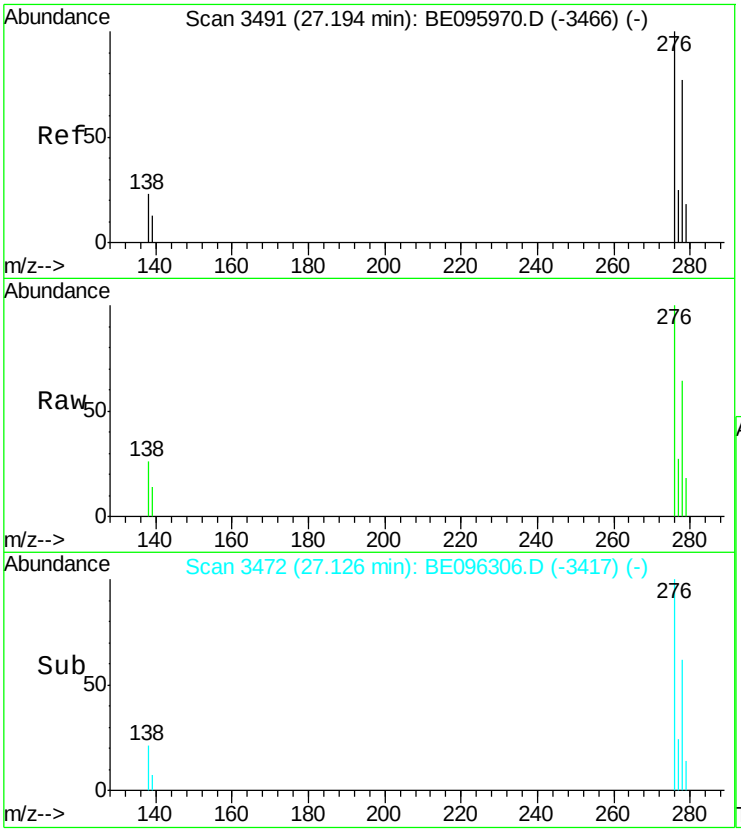


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.421 ng
RT: 21.60 min Scan# 2012
Delta R.T. 0.00 min
Lab File: BE096306.D
Acq: 2 May 2018 22:35

Tgt Ion:149 Resp: 18738

Ion	Ratio	Lower	Upper
149	100		
167	6.6	5.4	8.0
279	0.8	0.7	1.1



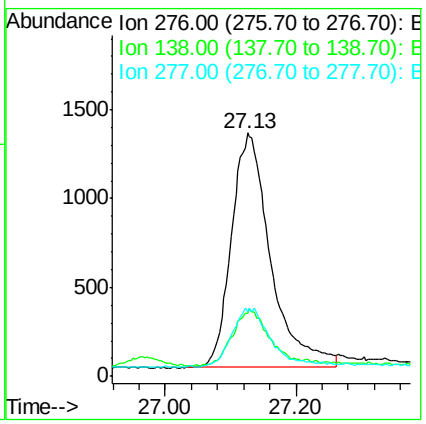


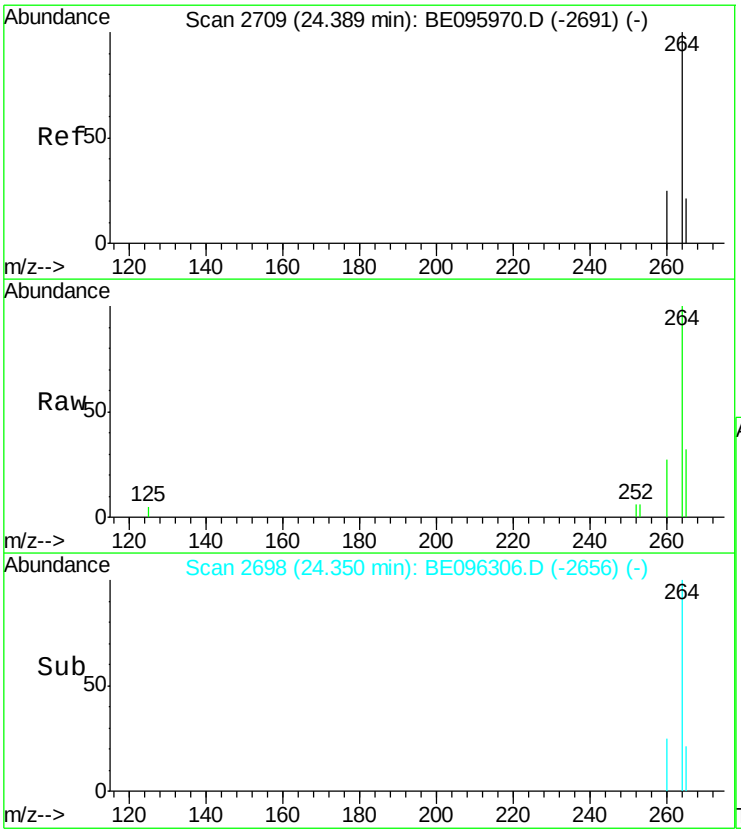
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.341 ng
RT: 27.13 min Scan# 3472
Delta R.T. -0.00 min
Lab File: BE096306.D
Acq: 2 May 2018 22:35

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 5509

Ion	Ratio	Lower	Upper
276	100		
138	22.2	22.5	33.7#
277	10.4	19.9	29.9#

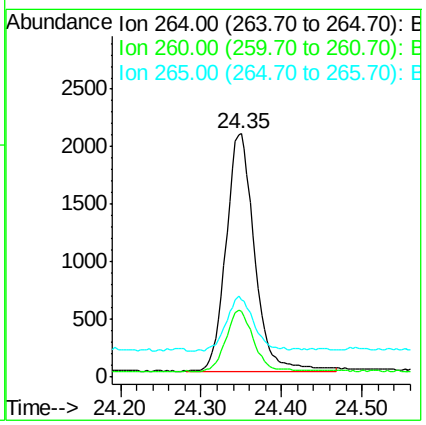


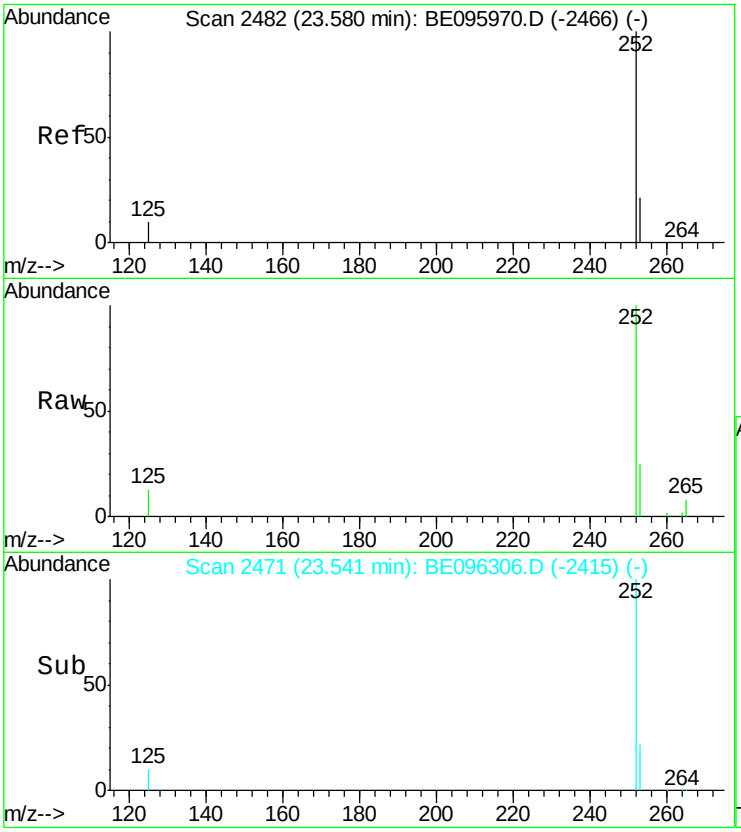


#34
Perylene-d12
Concen: 0.400 ng
RT: 24.35 min Scan# 2698
Delta R.T. -0.00 min
Lab File: BE096306.D
Acq: 2 May 2018 22:35

Tgt Ion:264 Resp: 5040

Ion	Ratio	Lower	Upper
264	100		
260	27.2	20.5	30.7
265	31.5	22.8	34.2



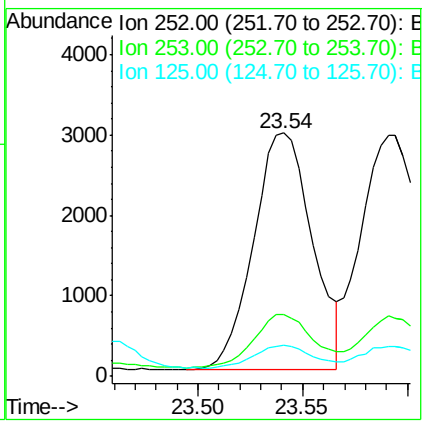


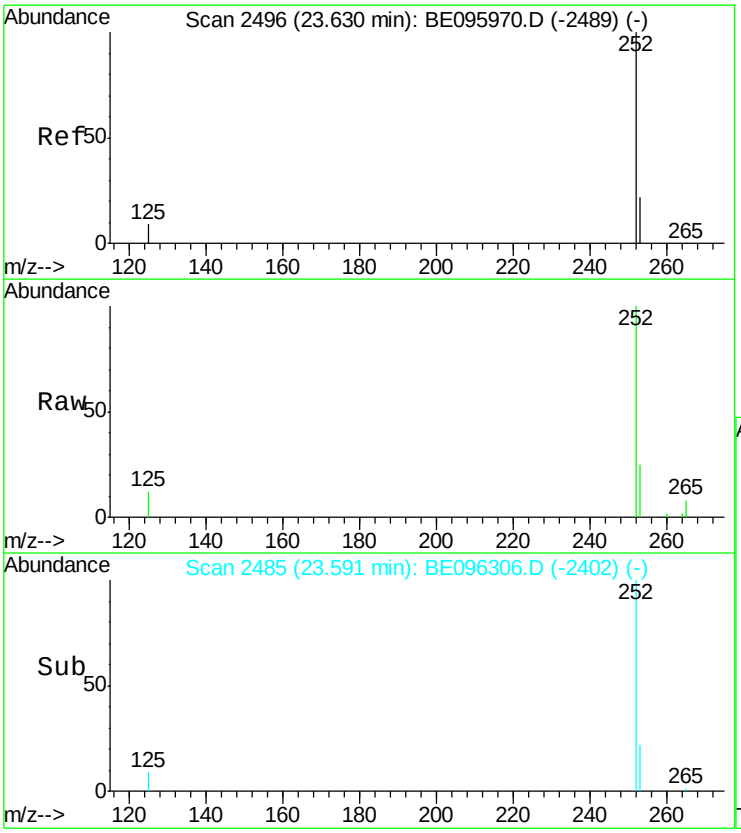
#35
Benzo(b)fluoranthene
Concen: 0.383 ng
RT: 23.54 min Scan# 2471
Delta R.T. -0.00 min
Lab File: BE096306.D
Acq: 2 May 2018 22:35

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 5796

Ion	Ratio	Lower	Upper
252	100		
253	25.3	20.0	30.0
125	12.5	16.0	24.0#

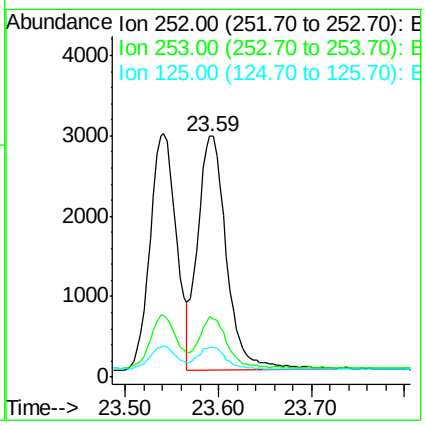


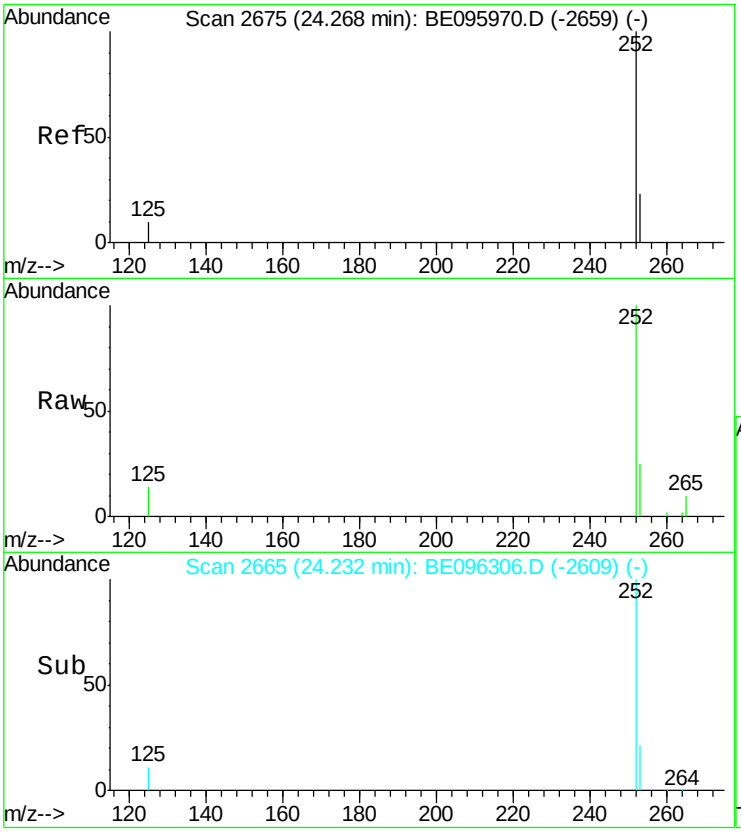


#36
Benzo(k)fluoranthene
Concen: 0.402 ng
RT: 23.59 min Scan# 2485
Delta R.T. -0.01 min
Lab File: BE096306.D
Acq: 2 May 2018 22:35

Tgt Ion:252 Resp: 6251

Ion	Ratio	Lower	Upper
252	100		
253	25.4	16.0	24.0#
125	12.3	8.0	12.0#



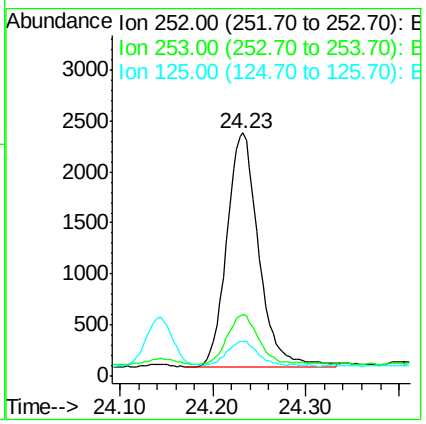


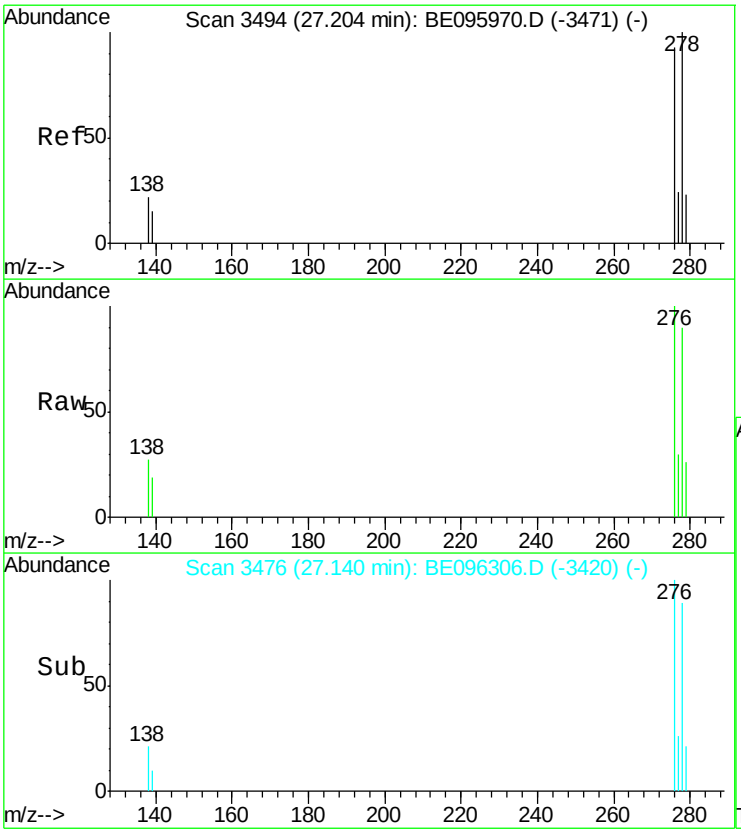
#37
Benzo(a)pyrene
Concen: 0.377 ng
RT: 24.23 min Scan# 2665
Delta R.T. -0.00 min
Lab File: BE096306.D
Acq: 2 May 2018 22:35

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 5482

Ion	Ratio	Lower	Upper
252	100		
253	25.5	16.0	24.0#
125	14.4	12.0	18.0

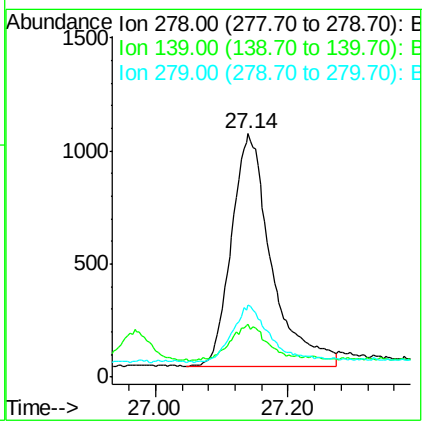


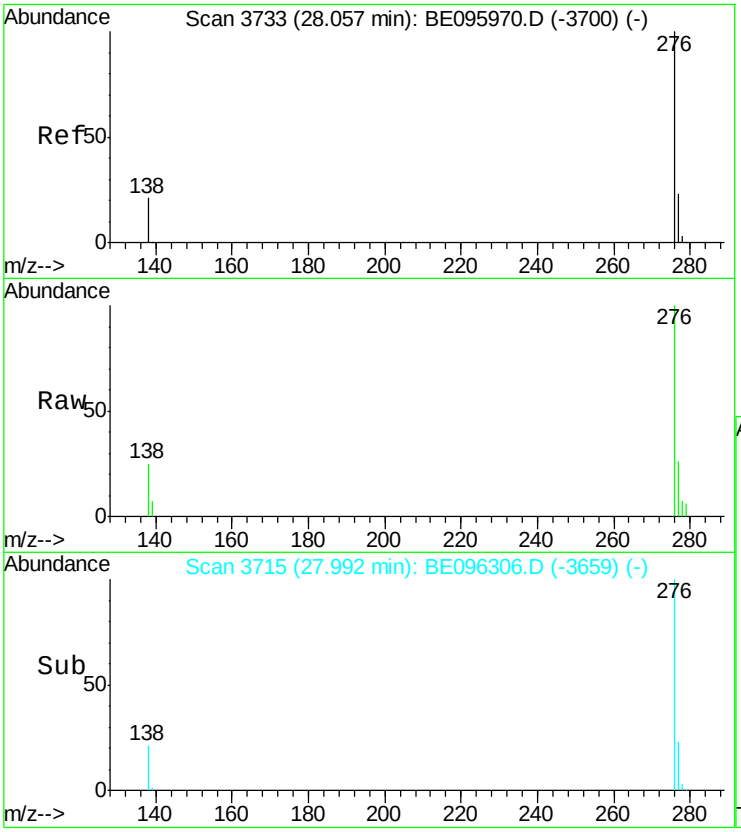


#38
Dibenzo(a,h)anthracene
Concen: 0.334 ng
RT: 27.14 min Scan# 3476
Delta R.T. -0.00 min
Lab File: BE096306.D
Acq: 2 May 2018 22:35

Tgt Ion:278 Resp: 4281

Ion	Ratio	Lower	Upper
278	100		
139	21.5	16.0	24.0
279	29.4	20.0	30.0





#39
Benzo(g,h,i)perylene
Concen: 0.368 ng
RT: 27.99 min Scan# 3715
Delta R.T. -0.00 min
Lab File: BE096306.D
Acq: 2 May 2018 22:35

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 4981

Ion	Ratio	Lower	Upper
276	100		
277	26.3	16.0	24.0#
138	24.6	20.0	30.0