Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE050218\
Data File : BE096304.D
Acq On : 2 May 2018 21:20
Operator : SJ/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId :

Quant Time: May 03 01:54:01 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	1057	0.40	ng		0.00
7) Naphthalene-d8	11.19	136	4040	0.40	ng		0.00
13) Acenaphthene-d10	14.93	164	2285	0.40	ng		-0.01
19) Phenanthrene-d10	17.65	188	5314	0.40	ng		0.00
27) Chrysene-d12	21.74	240	5333	0.40	ng		0.00
34) Perylene-d12	24.35	264	4952	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.87	112	1208	0.37	ng		0.00
5) Phenol-d6	7.52	99	1718	0.38	ng		0.00
8) Nitrobenzene-d5	9.54	82	1829	0.39	ng		0.00
11) 2-Methylnaphthalene-d10	12.73	152	2374	0.37	ng		0.00
14) 2,4,6-Tribromophenol	16.41	330	343	0.31	ng		0.00
15) 2-Fluorobiphenyl	13.57	172	3684	0.38	ng		0.00
25) Fluoranthene-d10	19.63	212	25753	0.36	ng		0.00
29) Terphenyl-d14	20.19	244	4439	0.38	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.61	88	564	0.345	ng		95
3) n-Nitrosodimethylamine	3.96	42	826	0.413	ng	#	74
6) bis(2-Chloroethyl)ether	7.76	93	1460	0.368	ng		91
9) Naphthalene	11.23	128	16110	0.378	ng		99
10) Hexachlorobutadiene	11.50	225	765	0.405	ng		97
12) 2-Methylnaphthalene	12.80	142	2658	0.377	ng		93
16) Acenaphthylene	14.67	152	4611	0.378	ng		99
17) Acenaphthene	15.00	154	2678	0.365	ng		92
18) Fluorene	15.97	166	3464	0.382	ng	#	79
20) 4-Bromophenyl-phenylether	16.83	248	1194	0.378	ng	#	76
21) Hexachlorobenzene	16.96	284	1240	0.394	ng	#	80
22) Pentachlorophenol	17.31	266	468	0.458	ng	#	80
23) Phenanthrene	17.68	178	5715	0.383	ng		99
24) Anthracene	17.78	178	5289	0.371	ng	#	95
26) Fluoranthene	19.66	202	7146	0.364	ng		97
28) Pyrene	20.00	202	523	0.050	ng	#	78
30) Benzo(a)anthracene	21.73	228	6380	0.373	ng		97
31) Chrysene	21.78	228	6366	0.385	ng		97
32) Bis(2-ethylhexyl)phthalate	21.60	149	18349	0.416	ng		100
33) Indeno(1,2,3-cd)pyrene	27.13	276	5671	0.354	ng	#	93
35) Benzo(b)fluoranthene	23.54	252	5832	0.393	ng	#	93
36) Benzo(k)fluoranthene	23.59	252	6024	0.394	ng	#	92
37) Benzo(a)pyrene	24.23	252	5494	0.385	ng	#	93
38) Dibenzo(a,h)anthracene	27.14	278	4525	0.359	ng		95
39) Benzo(g,h,i)perylene	27.99	276	5016	0.377	ng	#	94

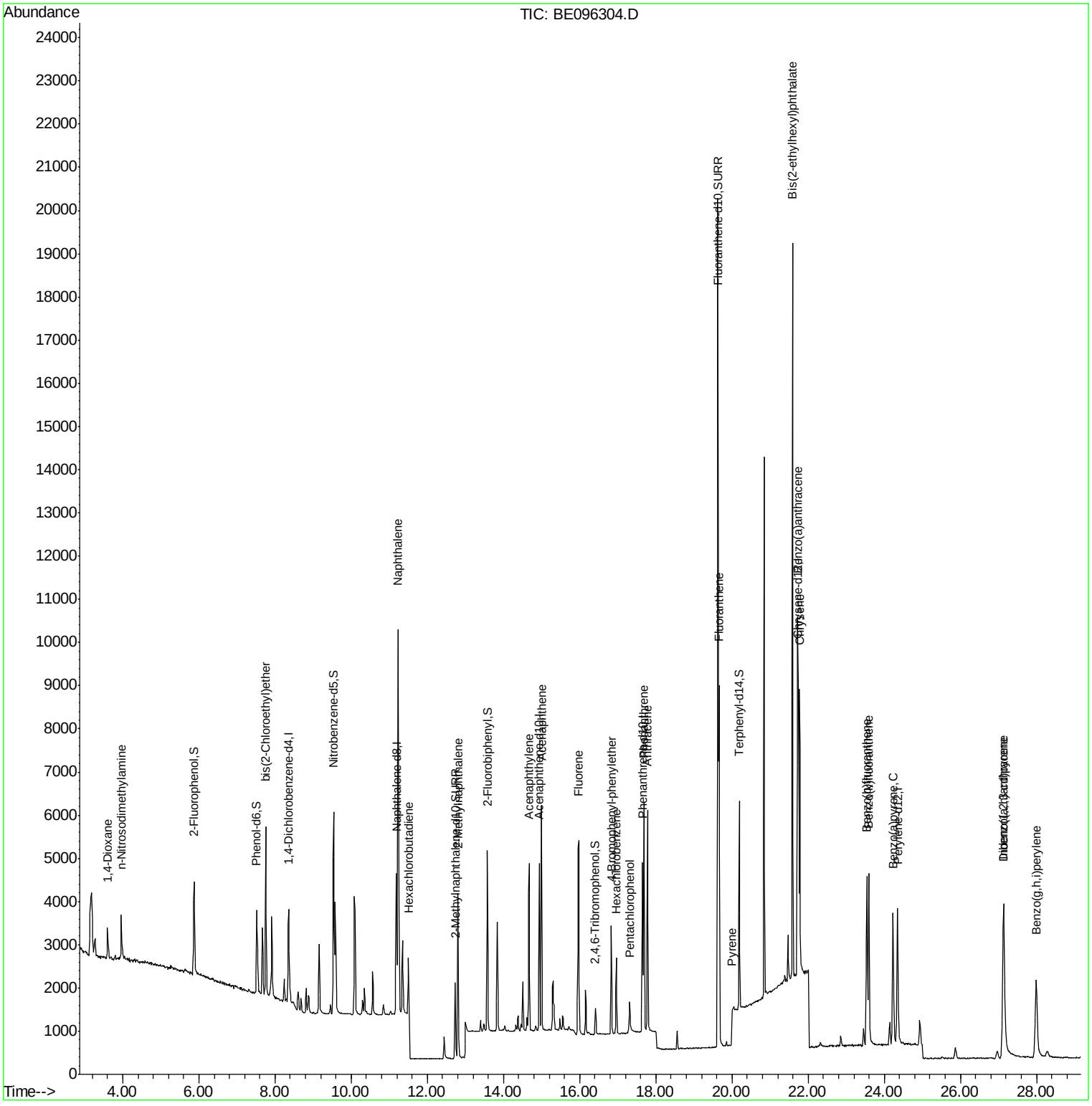
(#) = qualifier out of range (m) = manual integration (+) = signals summed

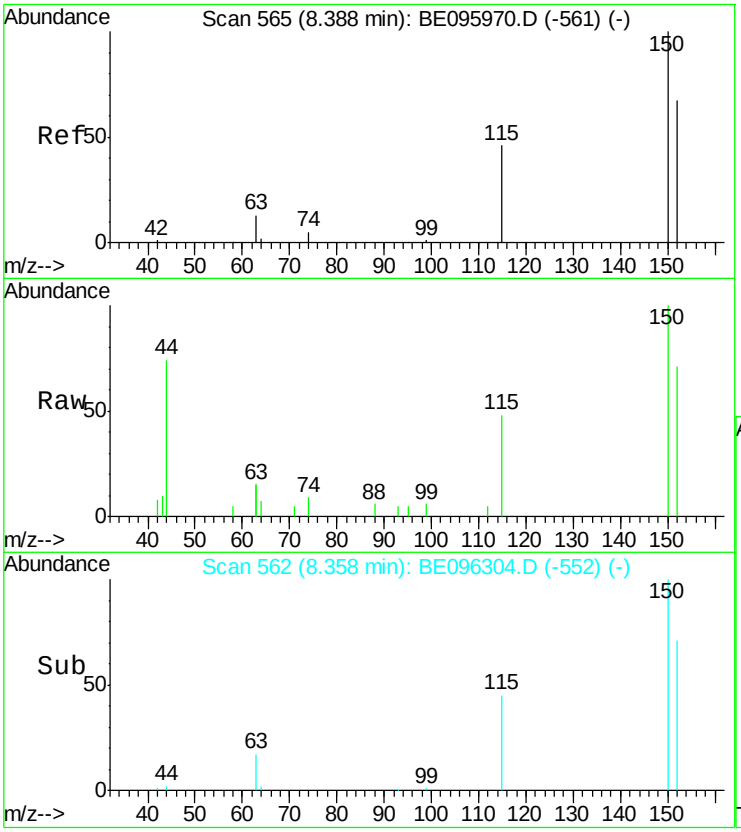
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE050218\
Data File : BE096304.D
Acq On : 2 May 2018 21:20
Operator : SJ/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :

Quant Time: May 03 01:54:01 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



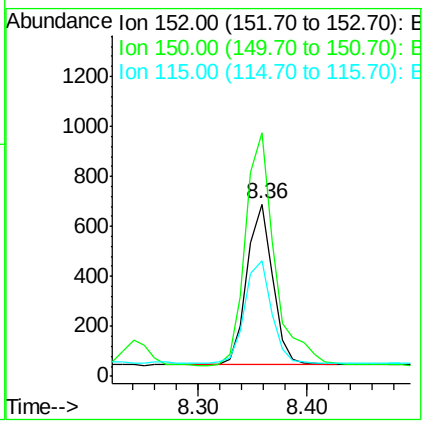


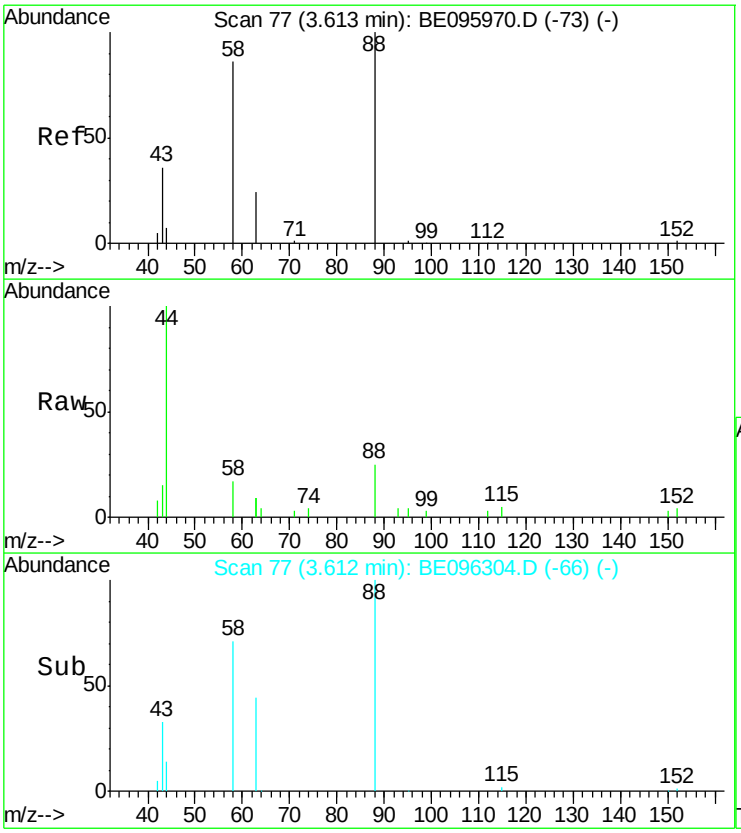
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.36 min Scan# 562
Delta R.T. -0.00 min
Lab File: BE096304.D
Acq: 2 May 2018 21:20

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 1057

Ion	Ratio	Lower	Upper
152	100		
150	141.4	117.2	175.8
115	67.2	57.0	85.6

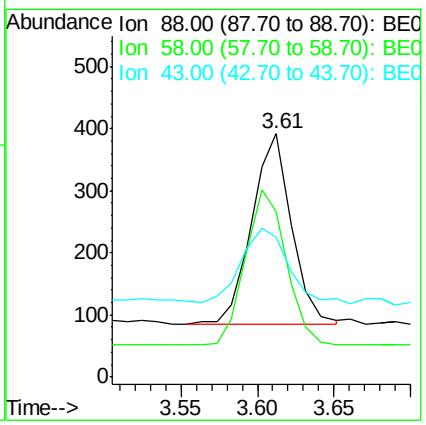


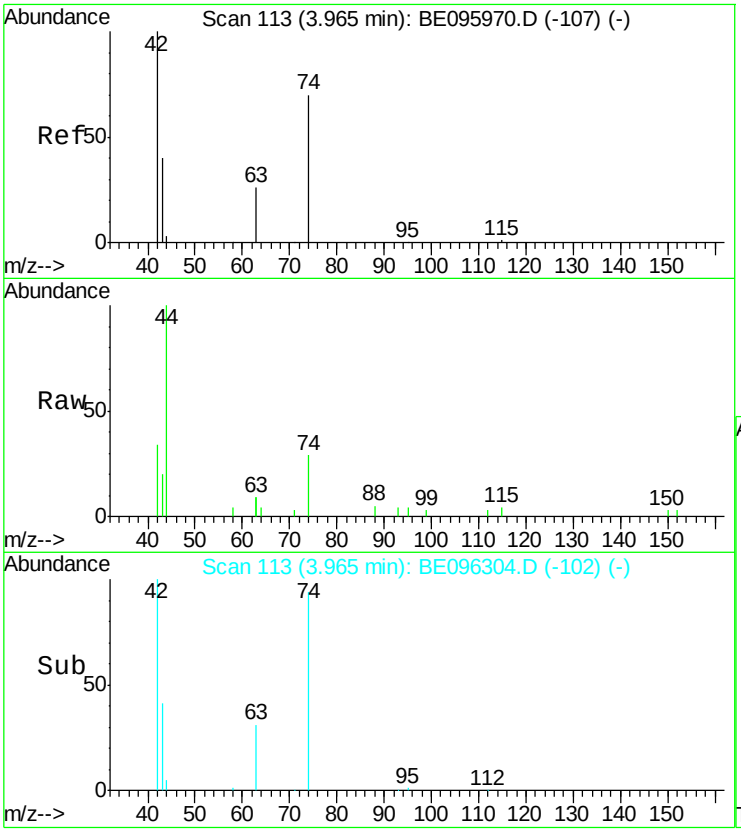


#2
1,4-Dioxane
Concen: 0.345 ng
RT: 3.61 min Scan# 77
Delta R.T. 0.01 min
Lab File: BE096304.D
Acq: 2 May 2018 21:20

Tgt Ion: 88 Resp: 564

Ion	Ratio	Lower	Upper
88	100		
58	82.3	63.2	94.8
43	46.5	41.2	61.8

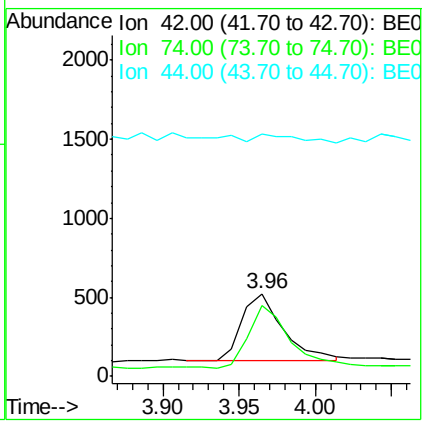




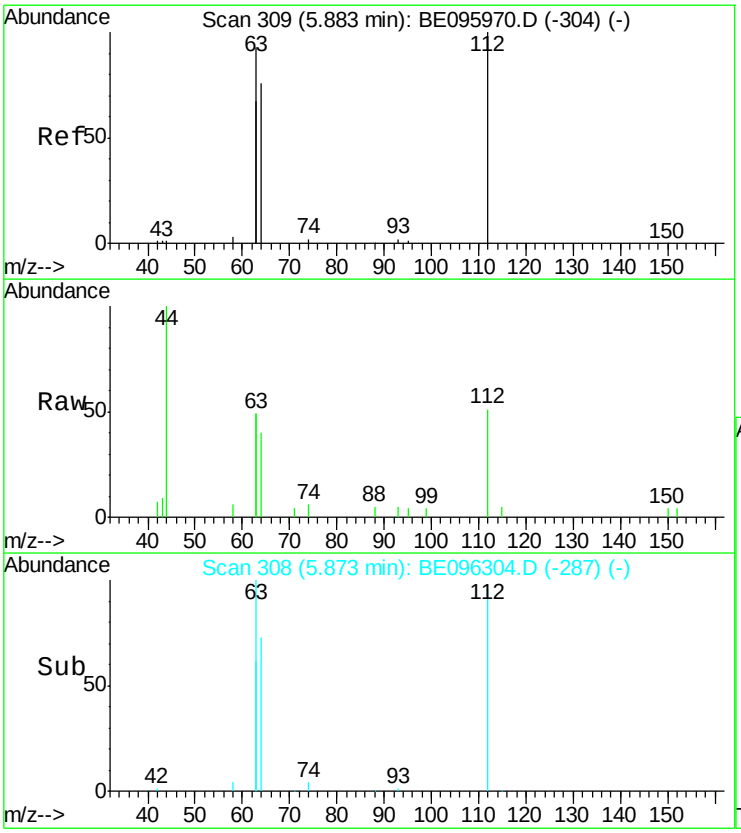
#3
n-Nitrosodimethylamine
Concen: 0.413 ng
RT: 3.96 min Scan# 113
Delta R.T. 0.01 min
Lab File: BE096304.D
Acq: 2 May 2018 21:20

Tgt Ion: 42 Resp: 826

Ion	Ratio	Lower	Upper
42	100		
74	87.5	96.0	144.0#
44	13.3	12.0	18.0



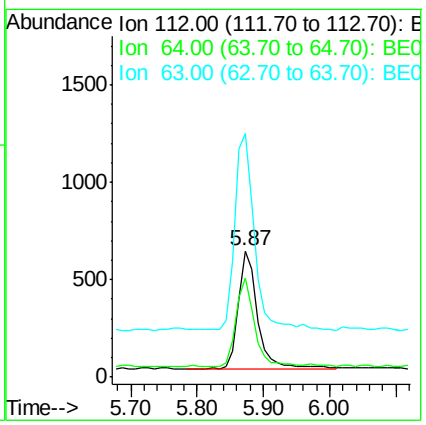
Instrument :
BNA_E
ClientSampleId :

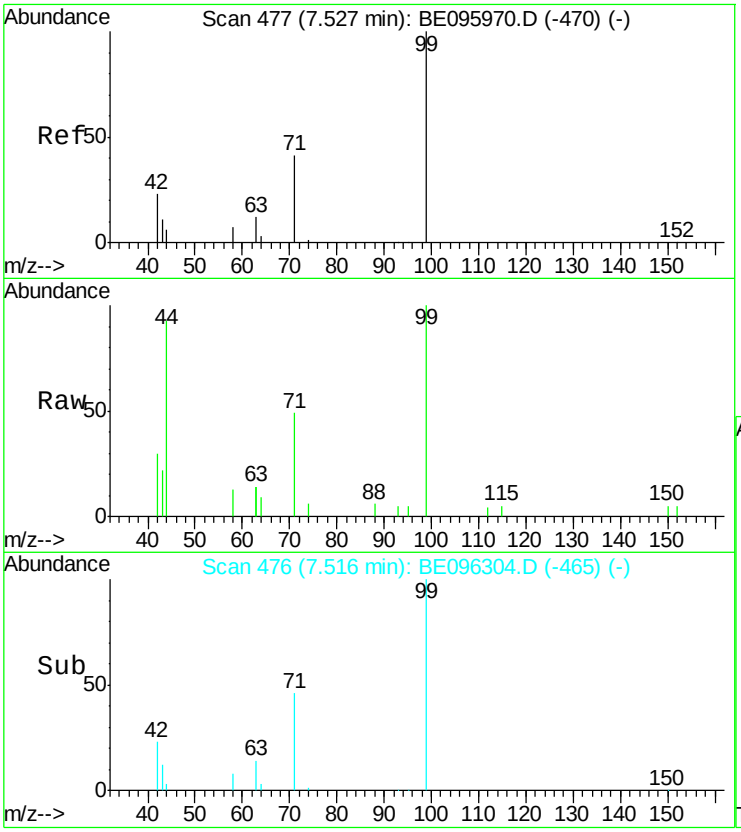


#4
2-Fluorophenol
Concen: 0.370 ng
RT: 5.87 min Scan# 308
Delta R.T. 0.01 min
Lab File: BE096304.D
Acq: 2 May 2018 21:20

Tgt Ion:112 Resp: 1208

Ion	Ratio	Lower	Upper
112	100		
64	75.1	60.1	90.1
63	174.3	116.8	175.2



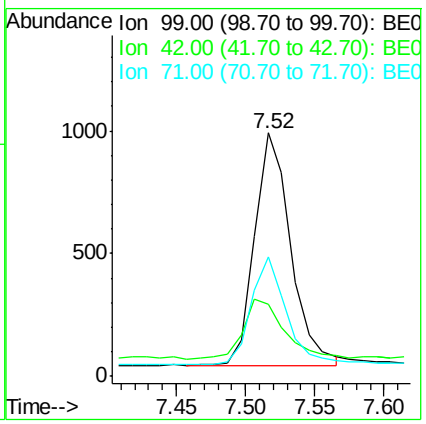


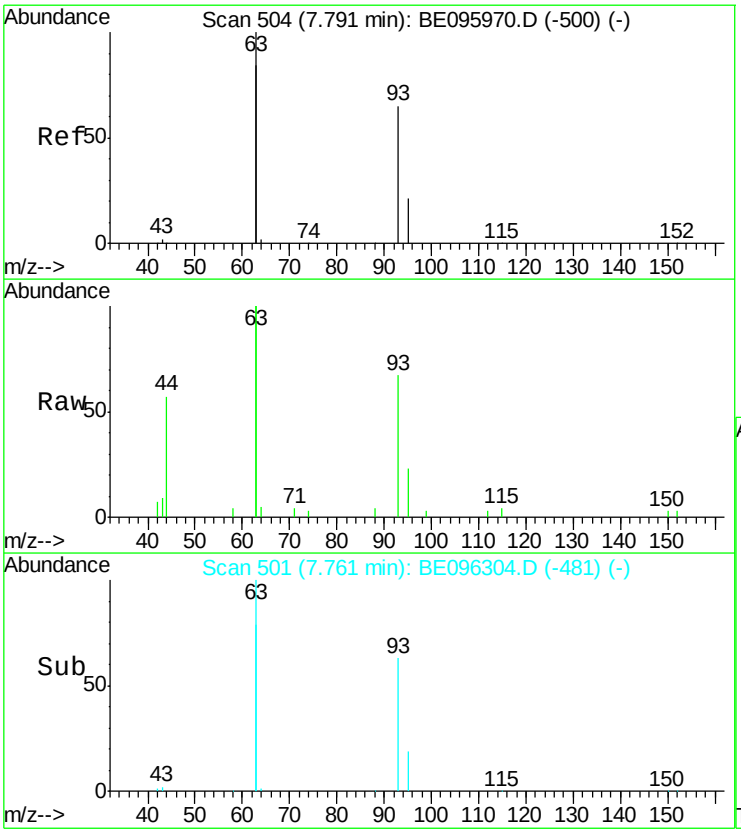
#5
Phenol-d6
Concen: 0.381 ng
RT: 7.52 min Scan# 476
Delta R.T. 0.01 min
Lab File: BE096304.D
Acq: 2 May 2018 21:20

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 99 Resp: 1718

Ion	Ratio	Lower	Upper
99	100		
42	29.6	20.2	30.2
71	44.6	28.4	42.6#

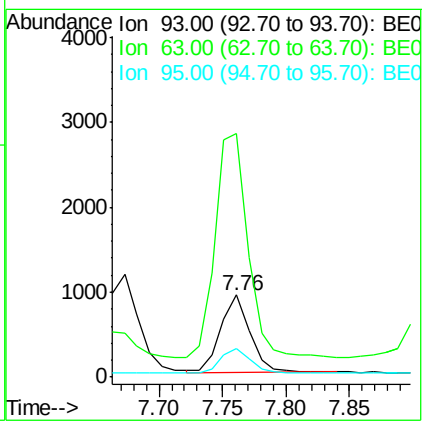


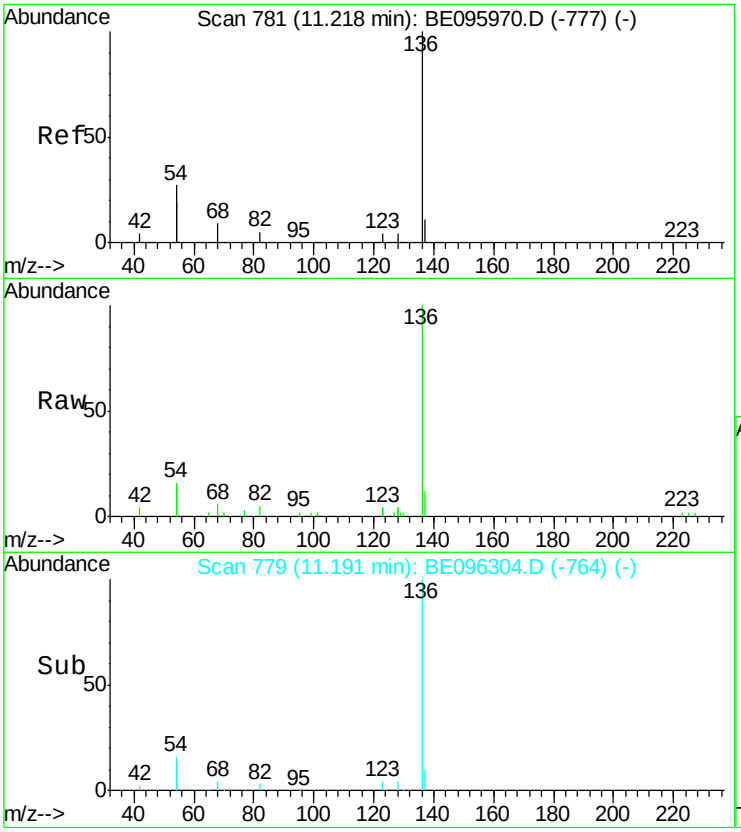


#6
bis(2-Chloroethyl)ether
Concen: 0.368 ng
RT: 7.76 min Scan# 501
Delta R.T. -0.00 min
Lab File: BE096304.D
Acq: 2 May 2018 21:20

Tgt Ion: 93 Resp: 1460

Ion	Ratio	Lower	Upper
93	100		
63	322.1	275.3	412.9
95	32.0	25.2	37.8



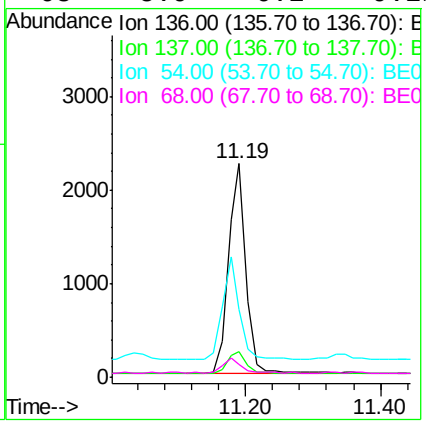


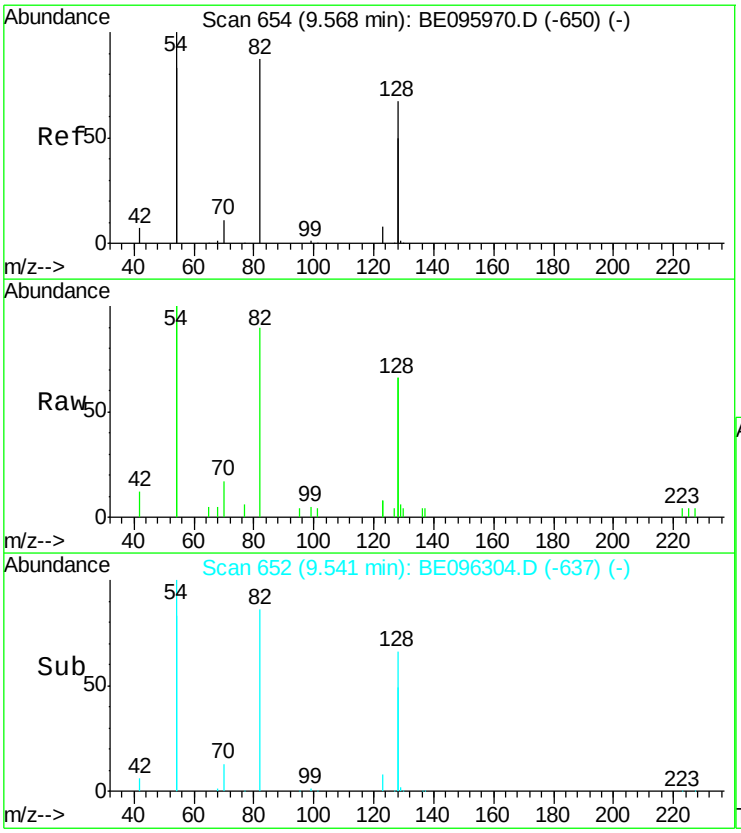
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 11.19 min Scan# 779
Delta R.T. -0.00 min
Lab File: BE096304.D
Acq: 2 May 2018 21:20

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:136 Resp: 4040

Ion	Ratio	Lower	Upper
136	100		
137	12.2	9.5	14.3
54	31.6	29.1	43.7
68	5.9	6.2	9.2#

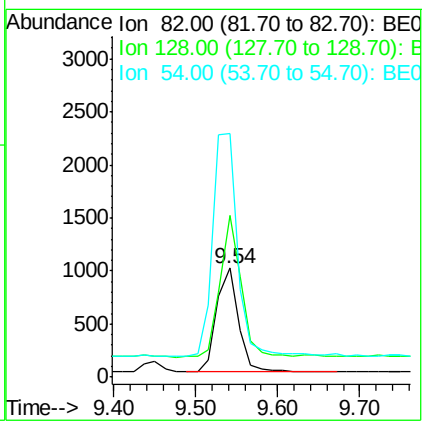


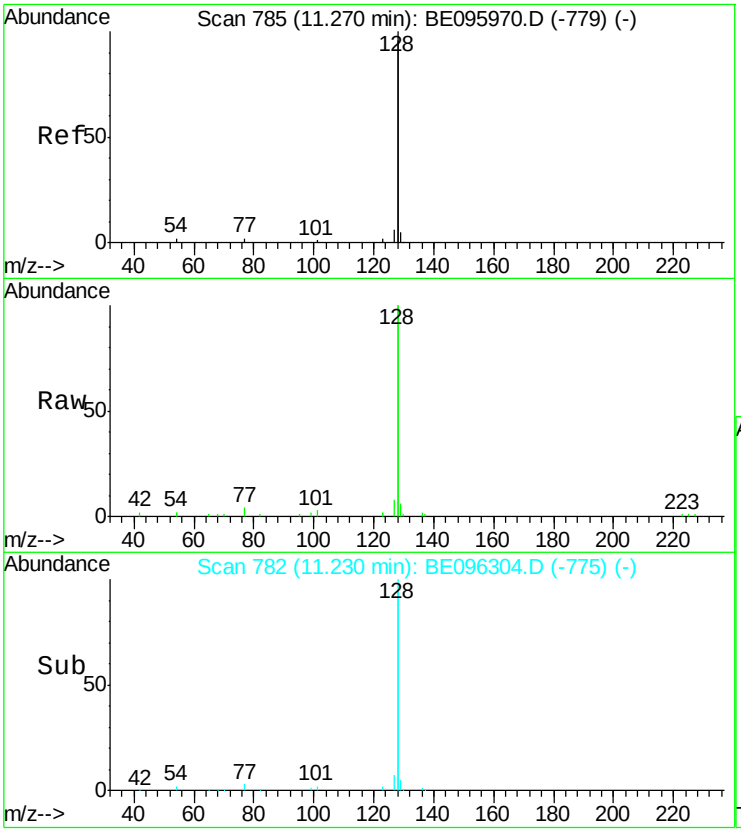


#8
Nitrobenzene-d5
Concen: 0.386 ng
RT: 9.54 min Scan# 652
Delta R.T. -0.00 min
Lab File: BE096304.D
Acq: 2 May 2018 21:20

Tgt Ion: 82 Resp: 1829

Ion	Ratio	Lower	Upper
82	100		
128	147.9	150.0	225.0#
54	223.1	154.2	231.4



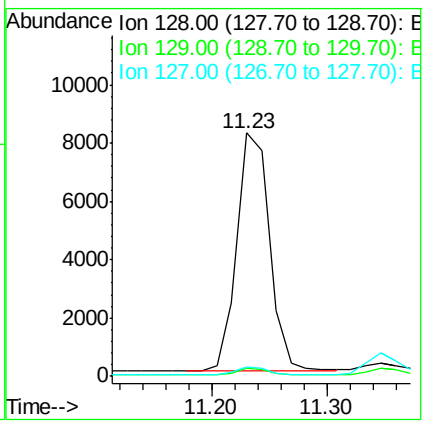


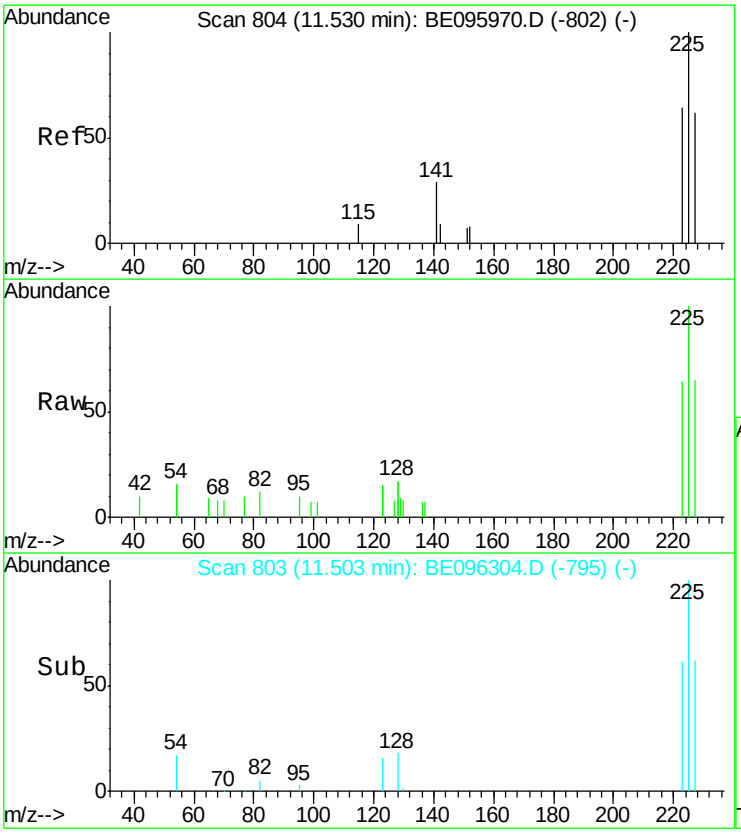
#9
Naphthalene
Concen: 0.378 ng
RT: 11.23 min Scan# 782
Delta R.T. -0.01 min
Lab File: BE096304.D
Acq: 2 May 2018 21:20

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:128 Resp: 16110

Ion	Ratio	Lower	Upper
128	100		
129	3.1	2.6	3.8
127	3.9	2.8	4.2

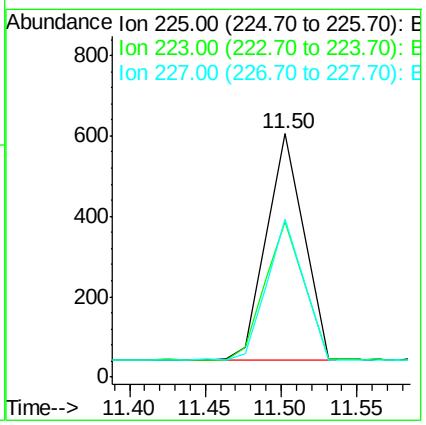


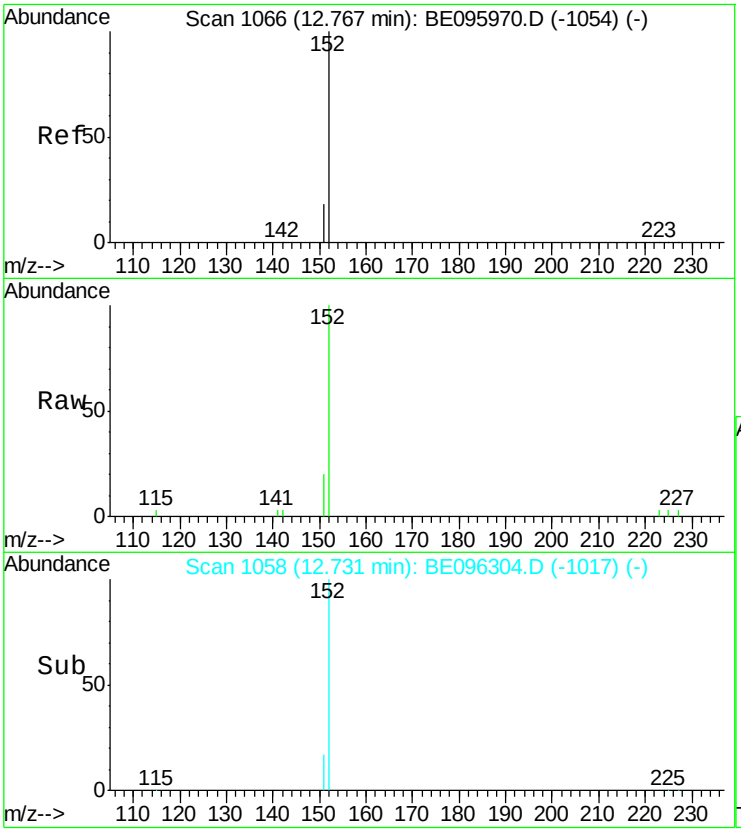


#10
Hexachlorobutadiene
Concen: 0.405 ng
RT: 11.50 min Scan# 803
Delta R.T. -0.00 min
Lab File: BE096304.D
Acq: 2 May 2018 21:20

Tgt Ion:225 Resp: 765

Ion	Ratio	Lower	Upper
225	100		
223	64.7	53.0	79.6
227	60.4	51.4	77.2



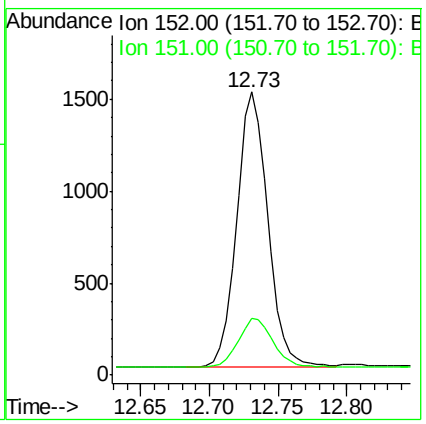


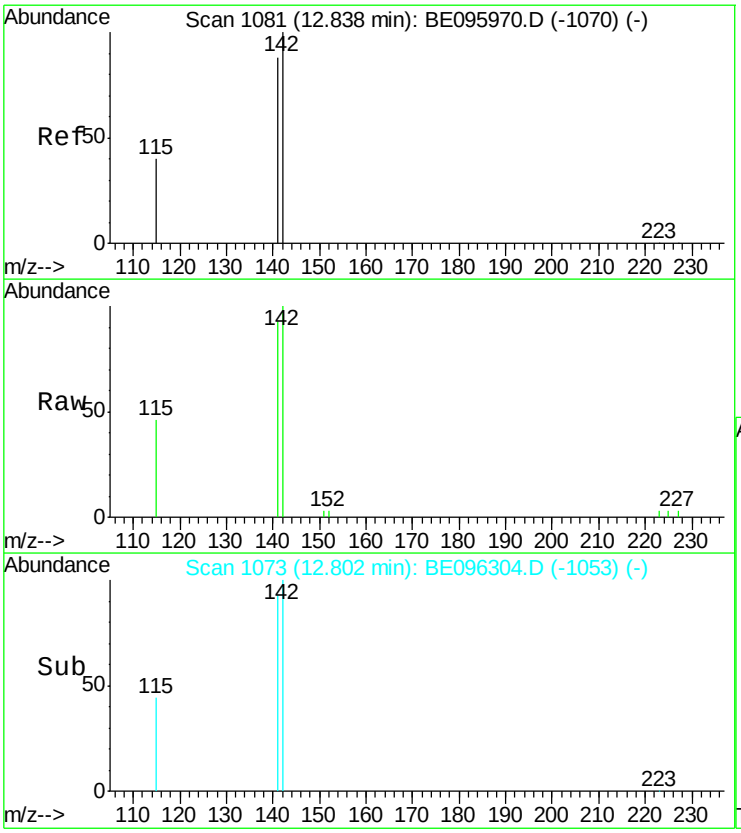
#11
2-Methylnaphthalene-d10
Concen: 0.371 ng
RT: 12.73 min Scan# 1058
Delta R.T. -0.01 min
Lab File: BE096304.D
Acq: 2 May 2018 21:20

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 2374

Ion	Ratio	Lower	Upper
152	100		
151	19.8	15.4	23.0

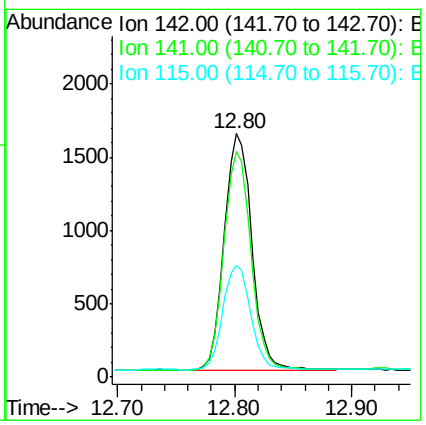


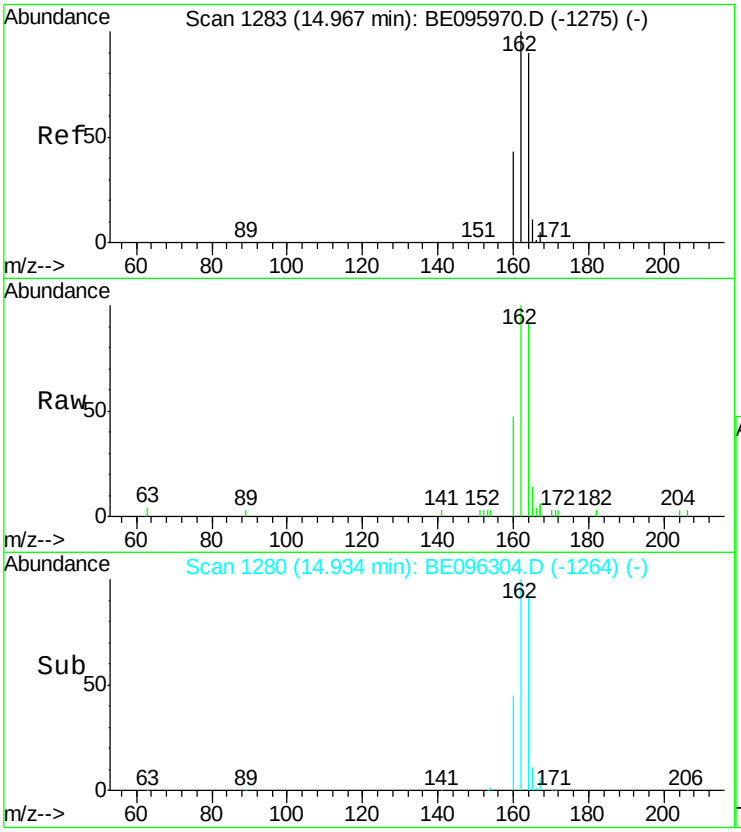


#12
2-Methylnaphthalene
Concen: 0.377 ng
RT: 12.80 min Scan# 1073
Delta R.T. -0.00 min
Lab File: BE096304.D
Acq: 2 May 2018 21:20

Tgt Ion:142 Resp: 2658

Ion	Ratio	Lower	Upper
142	100		
141	92.7	70.4	105.6
115	45.7	31.7	47.5



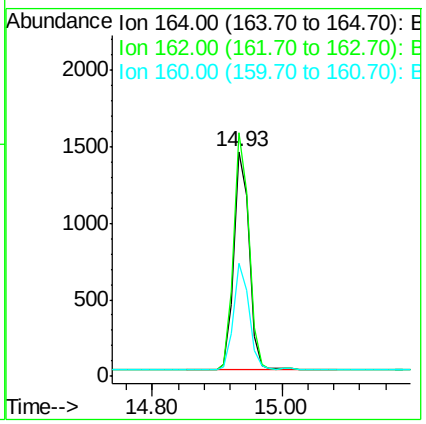


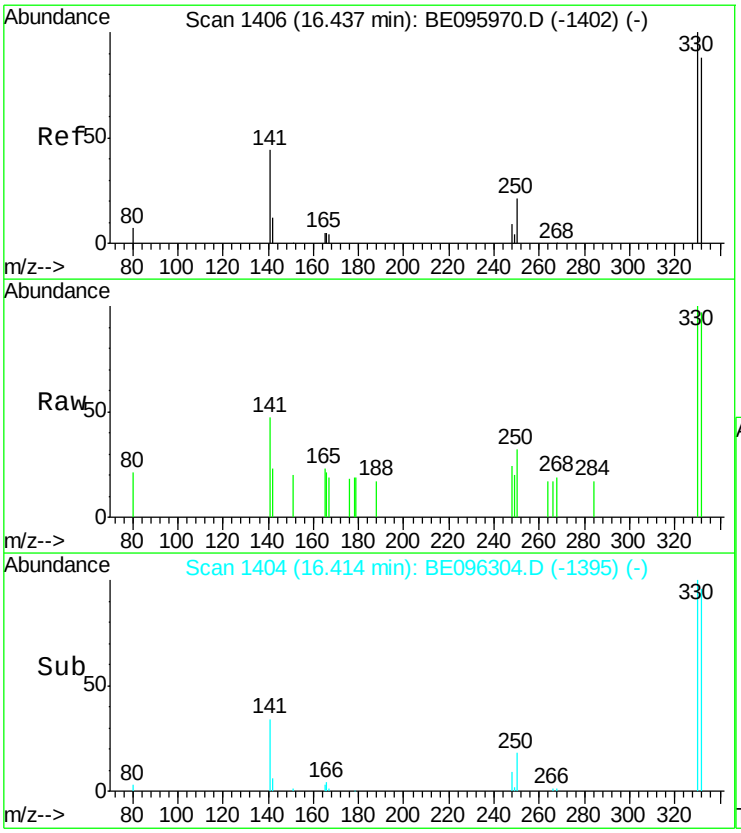
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.93 min Scan# 1280
Delta R.T. -0.01 min
Lab File: BE096304.D
Acq: 2 May 2018 21:20

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:164 Resp: 2285

Ion	Ratio	Lower	Upper
164	100		
162	108.2	83.1	124.7
160	50.4	37.1	55.7

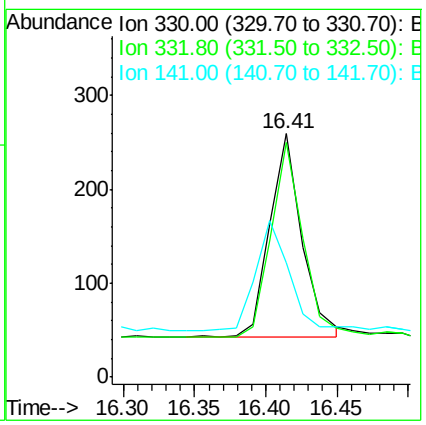


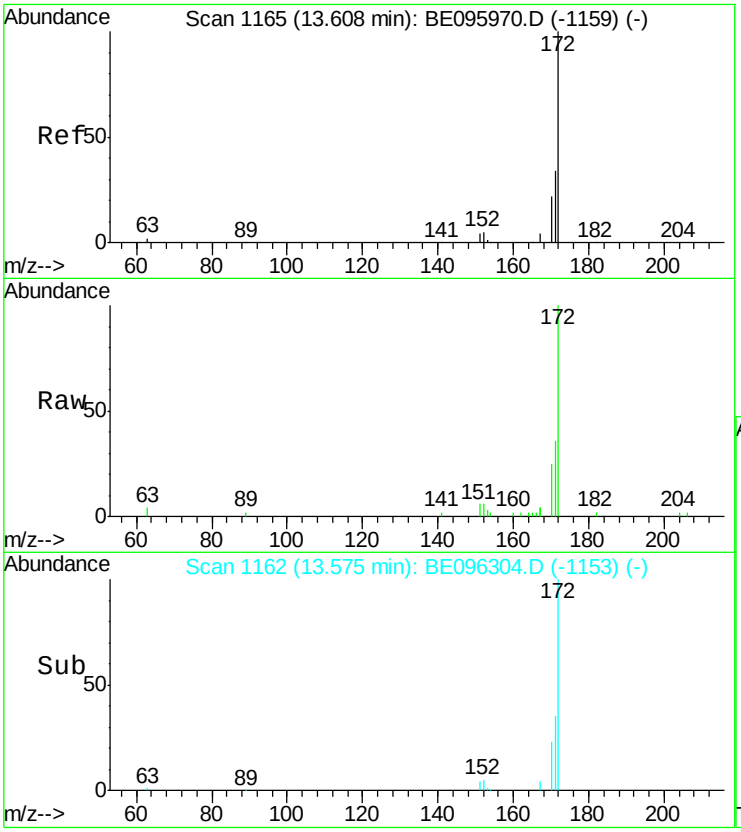


#14
2,4,6-Tribromophenol
Concen: 0.311 ng
RT: 16.41 min Scan# 1404
Delta R.T. 0.00 min
Lab File: BE096304.D
Acq: 2 May 2018 21:20

Tgt Ion:330 Resp: 343

Ion	Ratio	Lower	Upper
330	100		
332	94.2	152.7	229.1#
141	55.4	33.7	50.5#



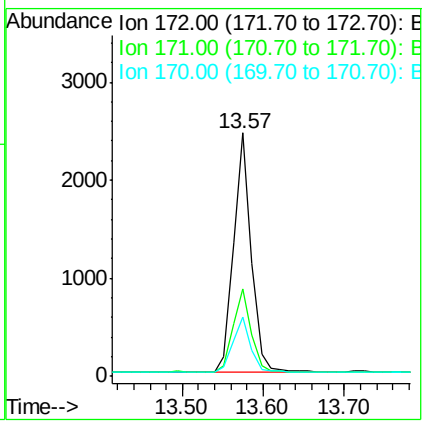


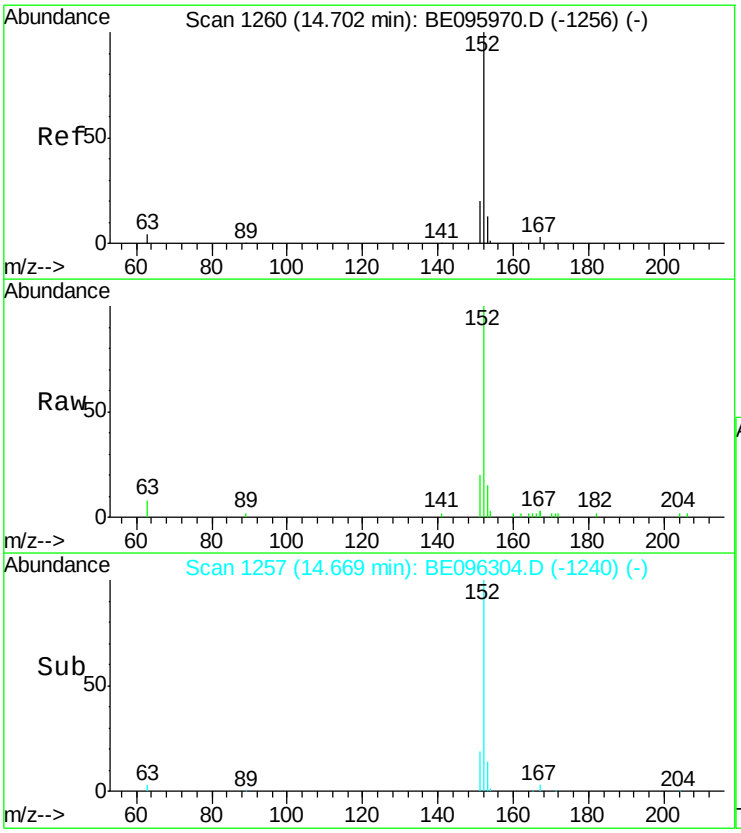
#15
2-Fluorobiphenyl
Concen: 0.377 ng
RT: 13.57 min Scan# 1162
Delta R.T. 0.00 min
Lab File: BE096304.D
Acq: 2 May 2018 21:20

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:172 Resp: 3684

Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.9	44.9
170	24.6	21.8	32.8

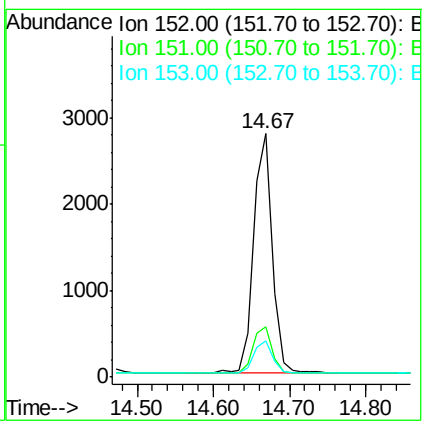


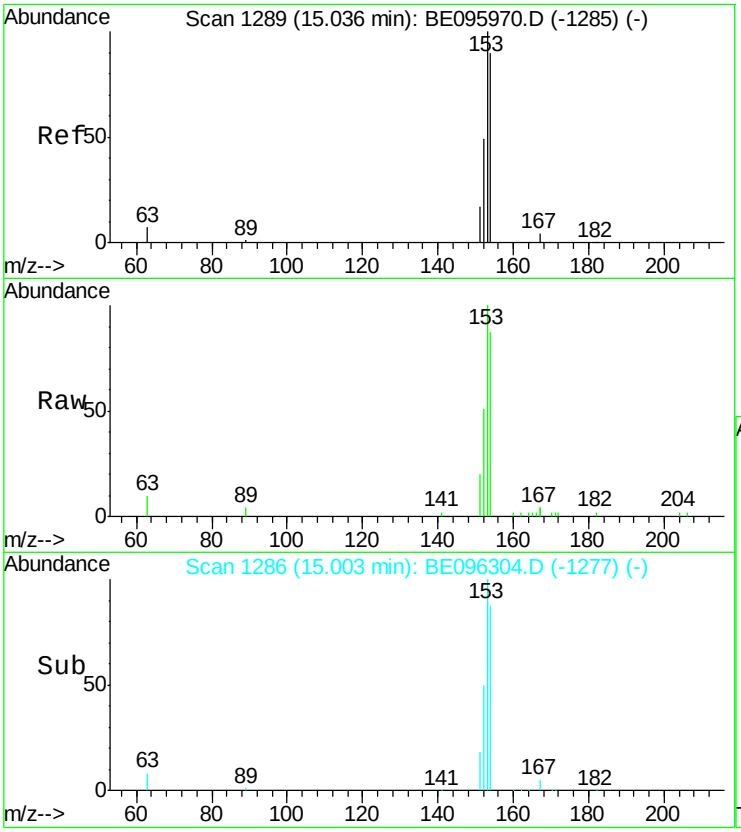


#16
Acenaphthylene
Concen: 0.378 ng
RT: 14.67 min Scan# 1257
Delta R.T. 0.00 min
Lab File: BE096304.D
Acq: 2 May 2018 21:20

Tgt Ion:152 Resp: 4611

Ion	Ratio	Lower	Upper
152	100		
151	19.8	15.7	23.5
153	13.4	10.5	15.7



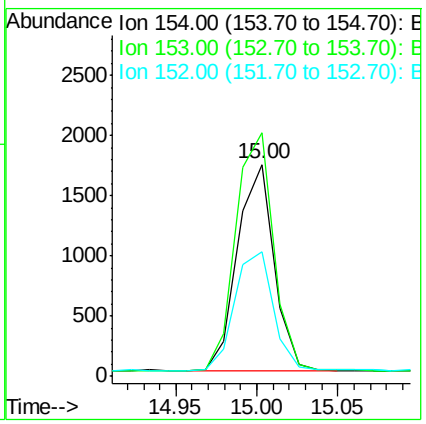


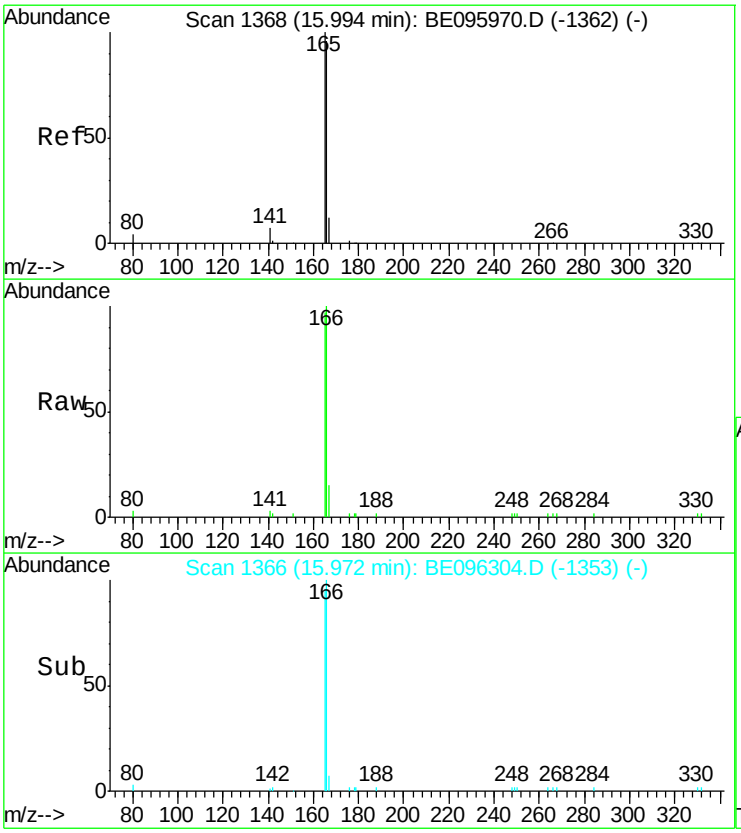
#17
Acenaphthene
Concen: 0.365 ng
RT: 15.00 min Scan# 1286
Delta R.T. 0.00 min
Lab File: BE096304.D
Acq: 2 May 2018 21:20

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:154 Resp: 2678

Ion	Ratio	Lower	Upper
154	100		
153	118.4	89.2	133.8
152	60.8	42.0	63.0

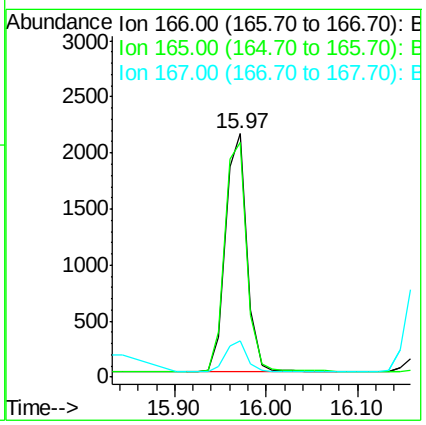


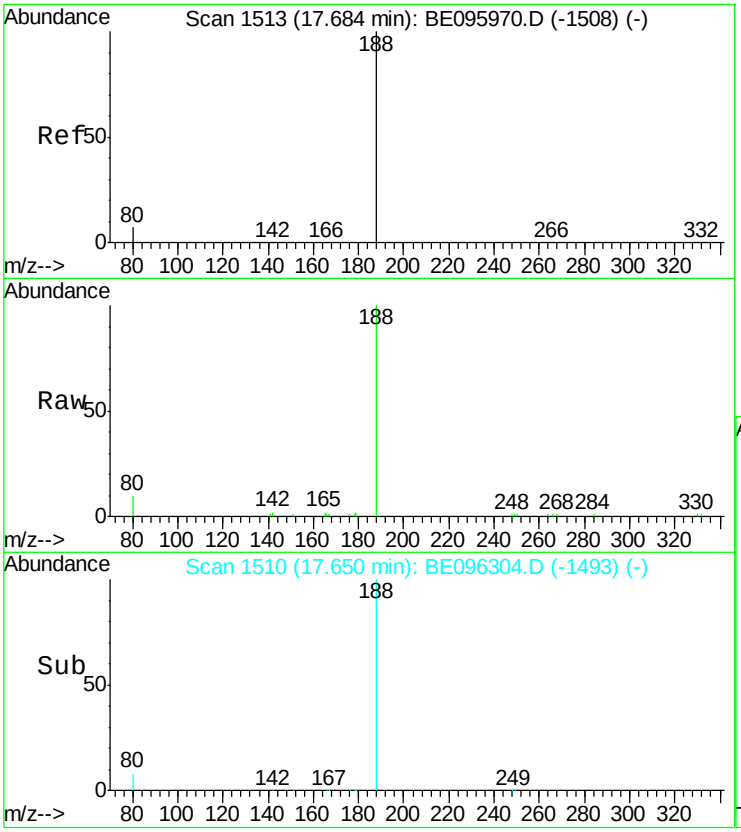


#18
Fluorene
Concen: 0.382 ng
RT: 15.97 min Scan# 1366
Delta R.T. 0.00 min
Lab File: BE096304.D
Acq: 2 May 2018 21:20

Tgt Ion:166 Resp: 3464

Ion	Ratio	Lower	Upper
166	100		
165	100.0	77.8	116.6
167	13.6	42.4	63.6#



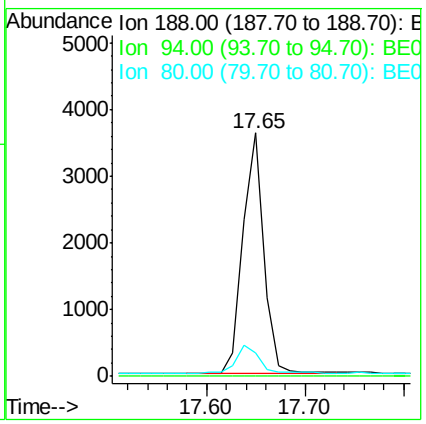


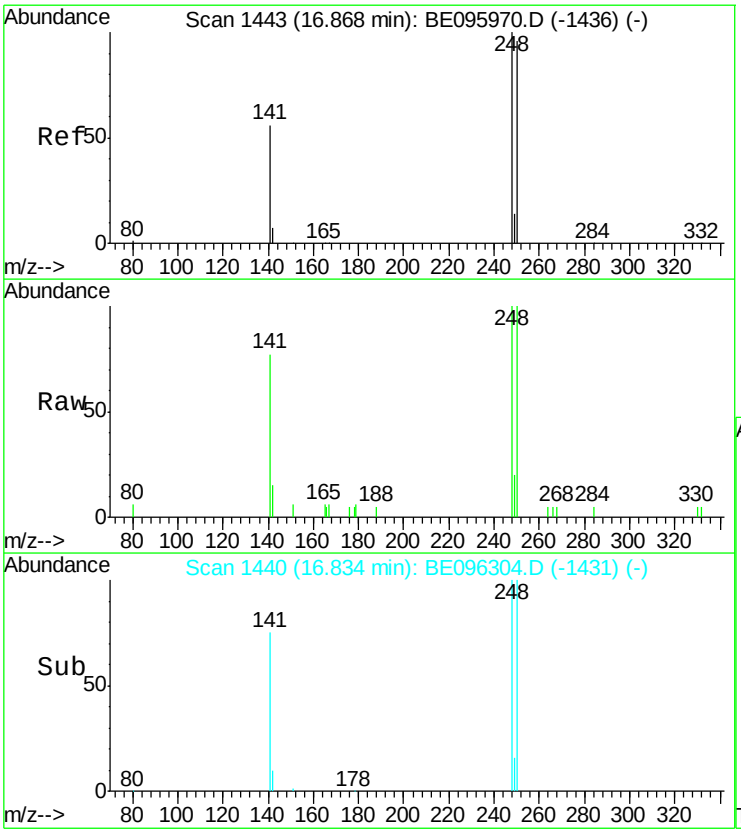
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.65 min Scan# 1510
Delta R.T. 0.00 min
Lab File: BE096304.D
Acq: 2 May 2018 21:20

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:188 Resp: 5314

Ion	Ratio	Lower	Upper
188	100		
94	0.0	3.9	5.9#
80	9.6	3.6	5.4#

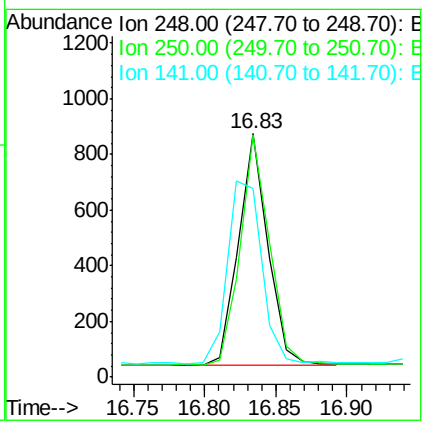


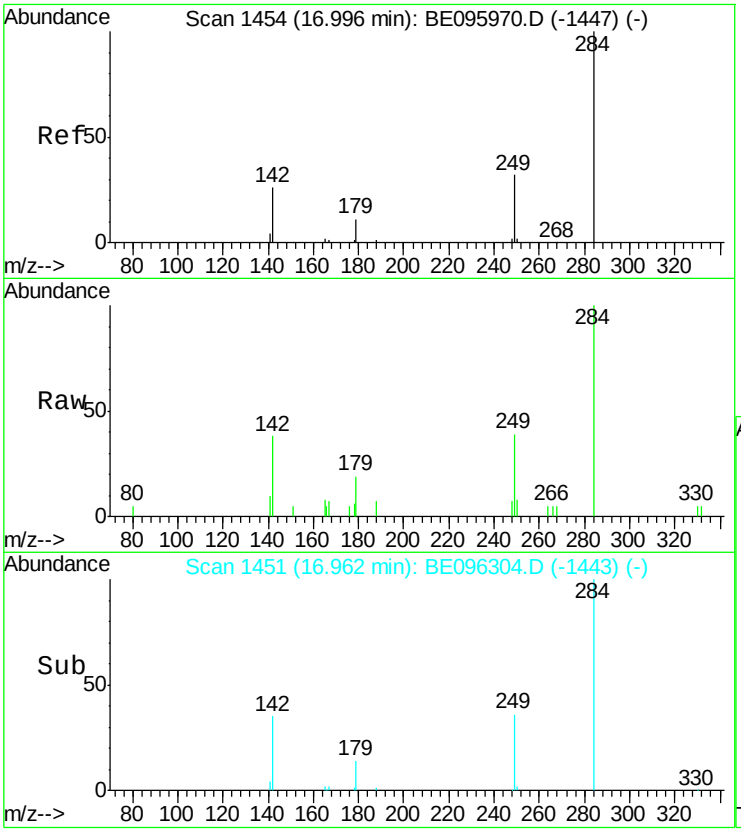


#20
4-Bromophenyl-phenylether
Concen: 0.378 ng
RT: 16.83 min Scan# 1440
Delta R.T. 0.00 min
Lab File: BE096304.D
Acq: 2 May 2018 21:20

Tgt Ion:248 Resp: 1194

Ion	Ratio	Lower	Upper
248	100		
250	99.8	62.7	94.1#
141	77.4	48.2	72.2#



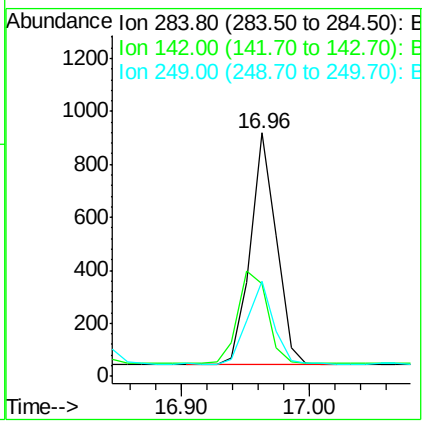


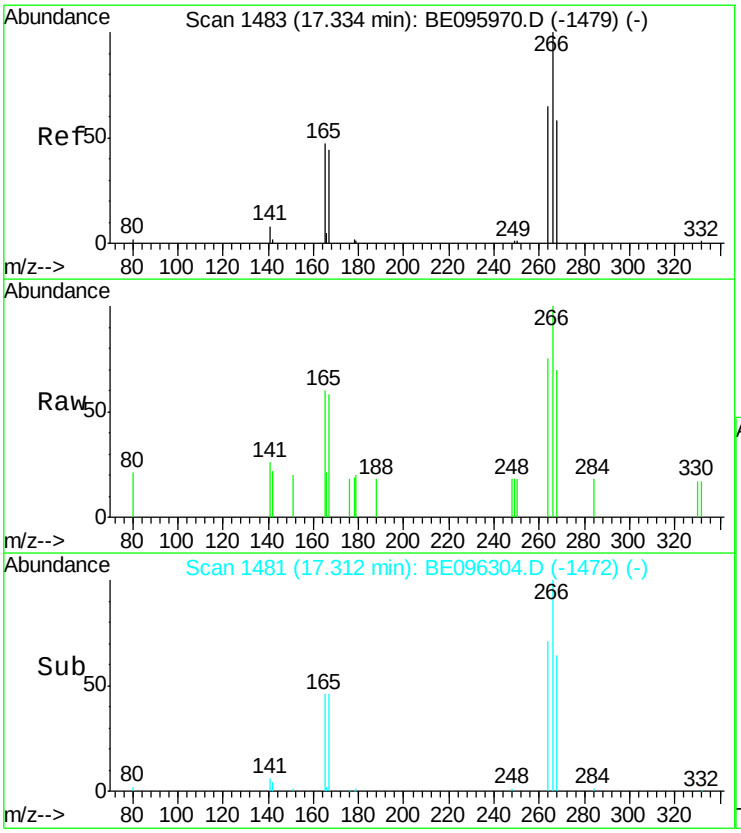
#21
Hexachlorobenzene
Concen: 0.394 ng
RT: 16.96 min Scan# 1451
Delta R.T. -0.01 min
Lab File: BE096304.D
Acq: 2 May 2018 21:20

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:284 Resp: 1240

Ion	Ratio	Lower	Upper
284	100		
142	45.9	22.1	33.1#
249	36.6	34.8	52.2

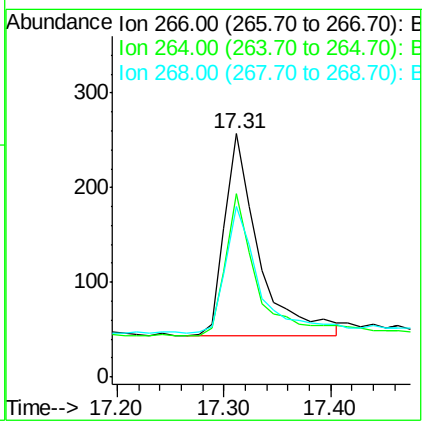


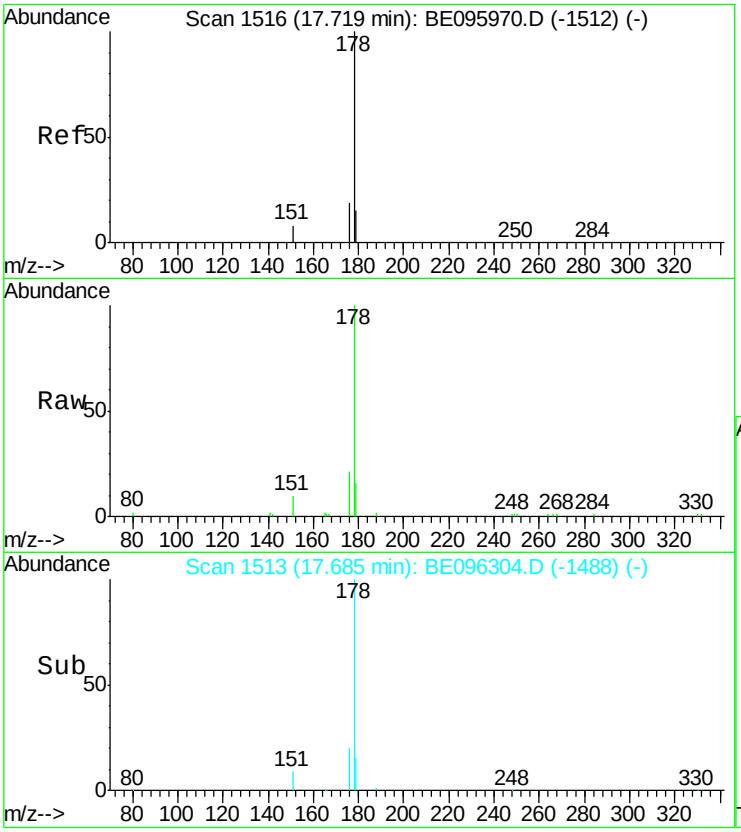


#22
Pentachlorophenol
Concen: 0.458 ng
RT: 17.31 min Scan# 1481
Delta R.T. 0.00 min
Lab File: BE096304.D
Acq: 2 May 2018 21:20

Tgt Ion:266 Resp: 468

Ion	Ratio	Lower	Upper
266	100		
264	75.1	72.5	108.7
268	70.0	73.8	110.6#



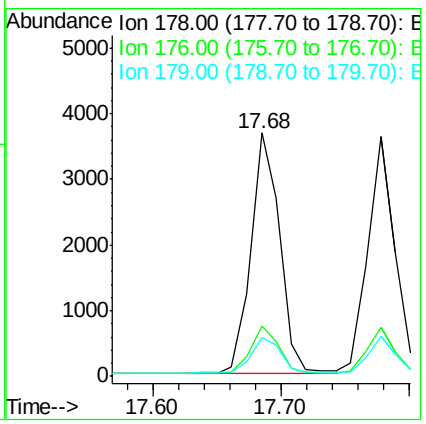


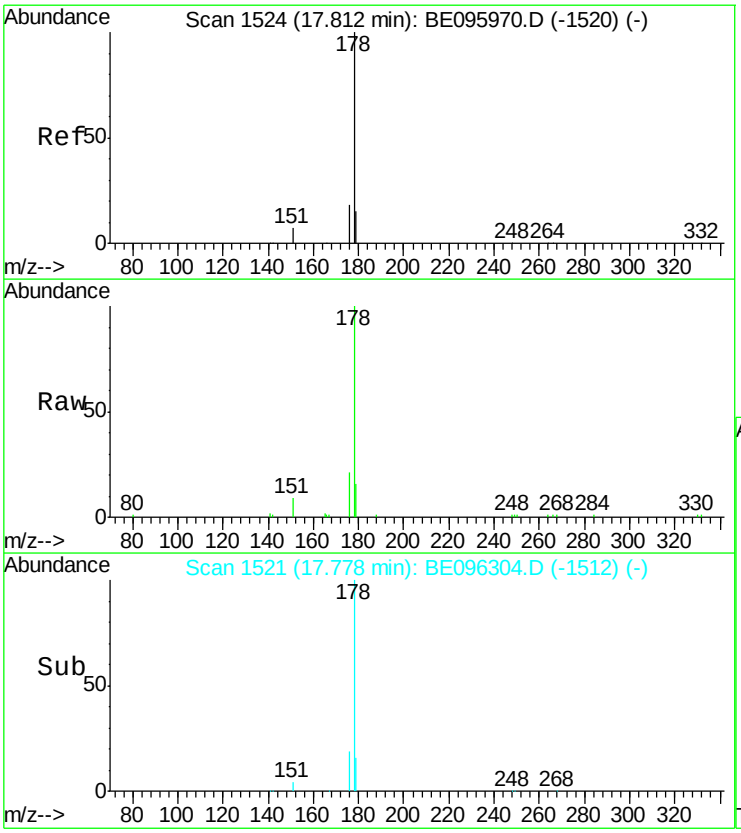
#23
Phenanthrene
Concen: 0.383 ng
RT: 17.68 min Scan# 1513
Delta R.T. -0.01 min
Lab File: BE096304.D
Acq: 2 May 2018 21:20

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:178 Resp: 5715

Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.1	22.7
179	14.7	11.8	17.6

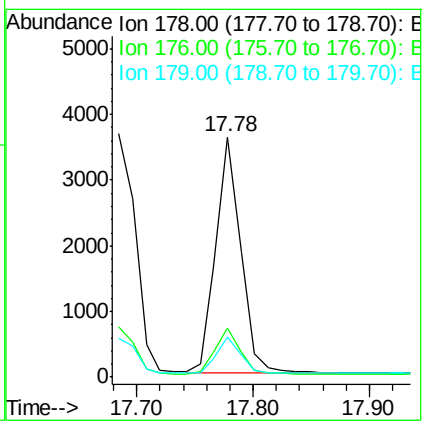


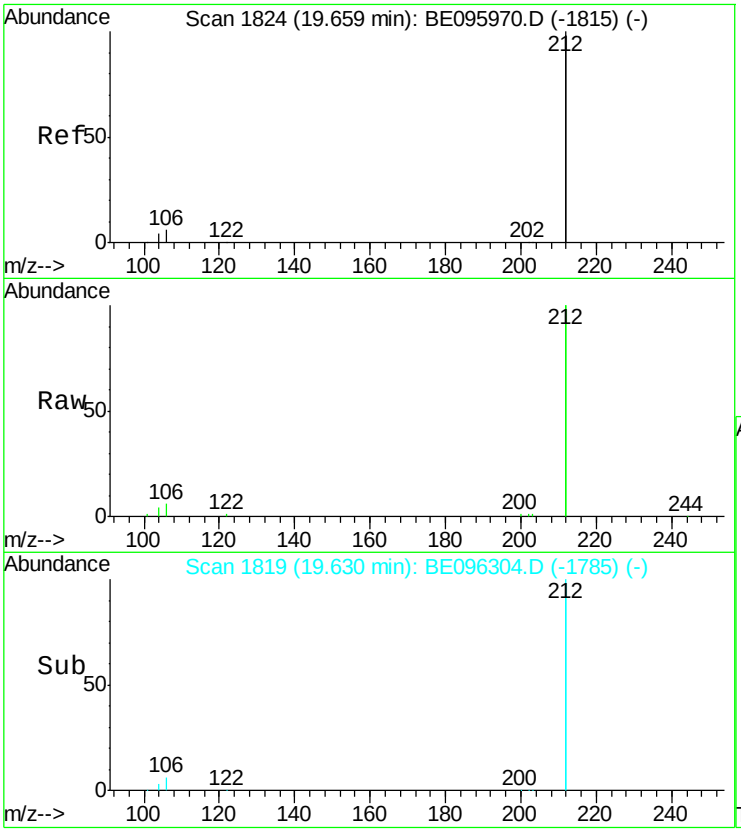


#24
Anthracene
Concen: 0.371 ng
RT: 17.78 min Scan# 1521
Delta R.T. 0.00 min
Lab File: BE096304.D
Acq: 2 May 2018 21:20

Tgt Ion:178 Resp: 5289

Ion	Ratio	Lower	Upper
178	100		
176	19.5	12.8	19.2#
179	15.1	13.0	19.6



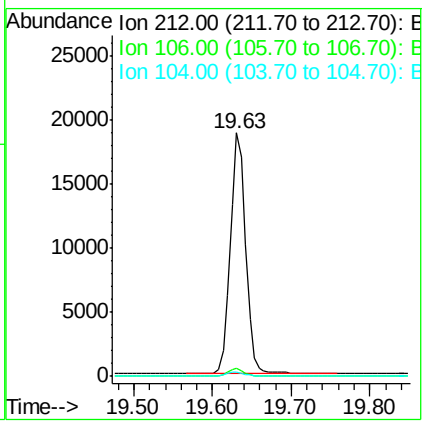


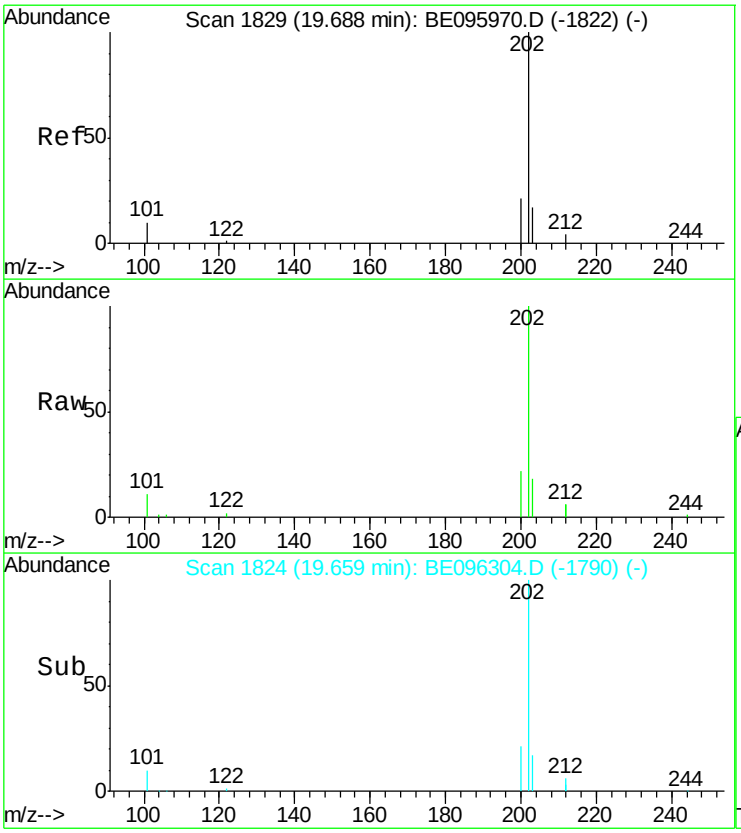
#25
Fluoranthene-d10
Concen: 0.357 ng
RT: 19.63 min Scan# 1819
Delta R.T. -0.01 min
Lab File: BE096304.D
Acq: 2 May 2018 21:20

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:212 Resp: 25753

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

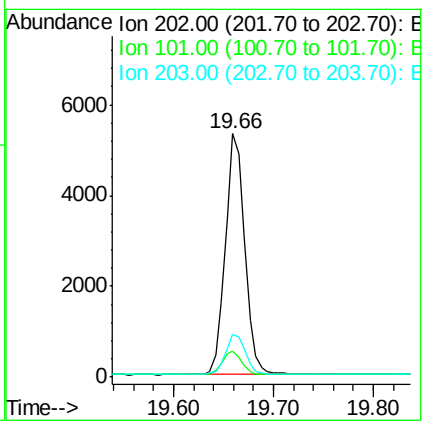


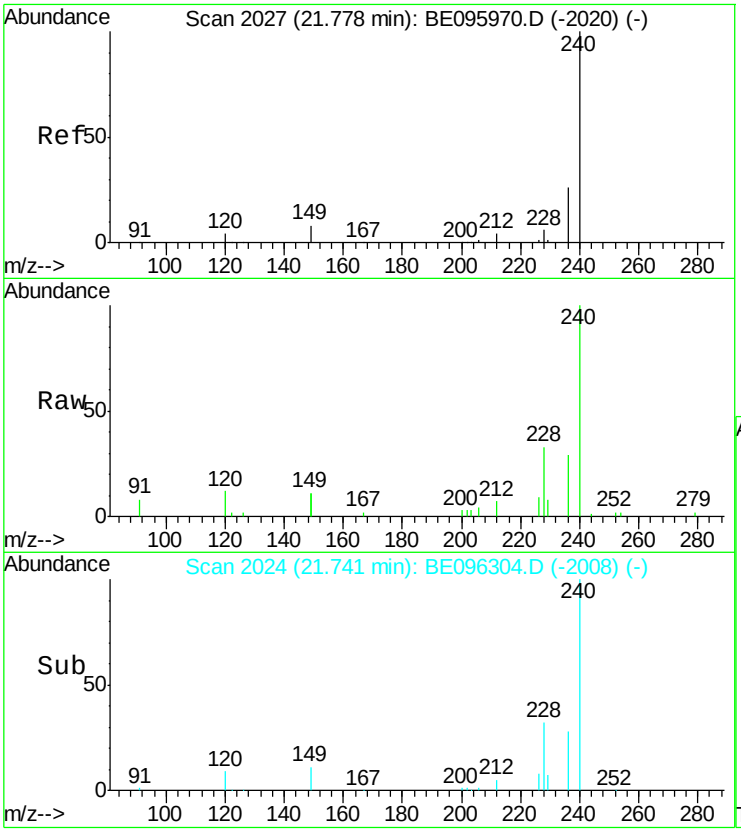


#26
Fluoranthene
Concen: 0.364 ng
RT: 19.66 min Scan# 1824
Delta R.T. -0.01 min
Lab File: BE096304.D
Acq: 2 May 2018 21:20

Tgt Ion:202 Resp: 7146

Ion	Ratio	Lower	Upper
202	100		
101	10.0	9.8	14.8
203	16.8	13.7	20.5



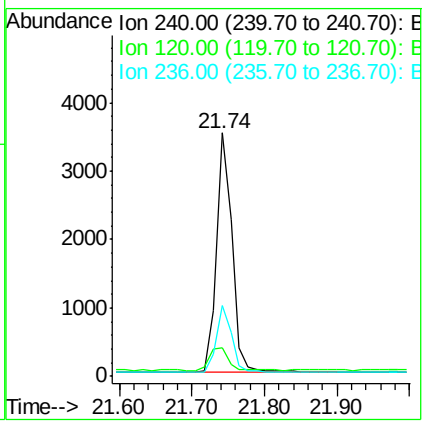


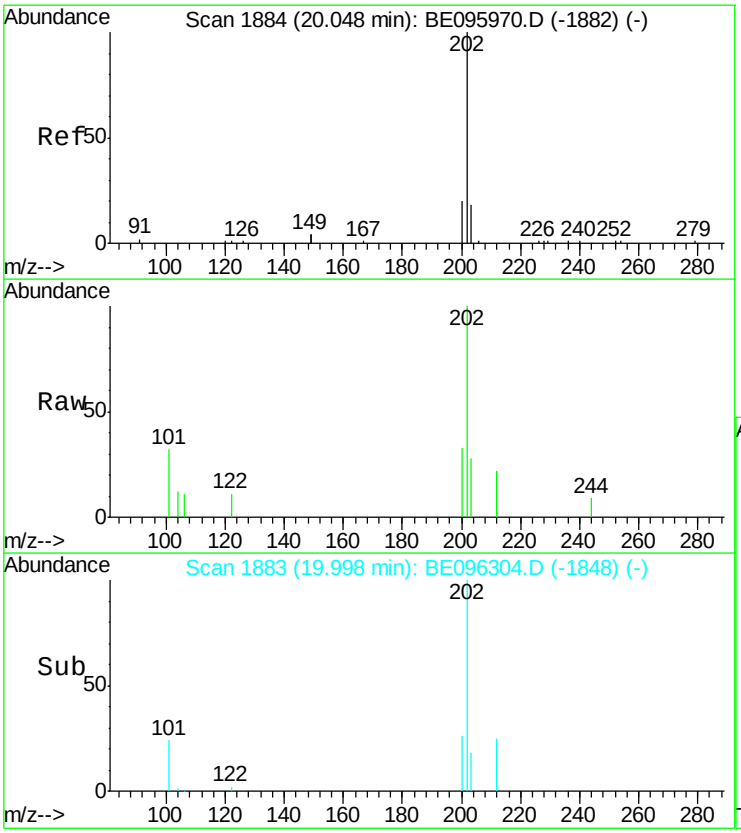
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.74 min Scan# 2024
Delta R.T. -0.00 min
Lab File: BE096304.D
Acq: 2 May 2018 21:20

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:240 Resp: 5333

Ion	Ratio	Lower	Upper
240	100		
120	11.8	5.5	8.3#
236	29.1	20.7	31.1

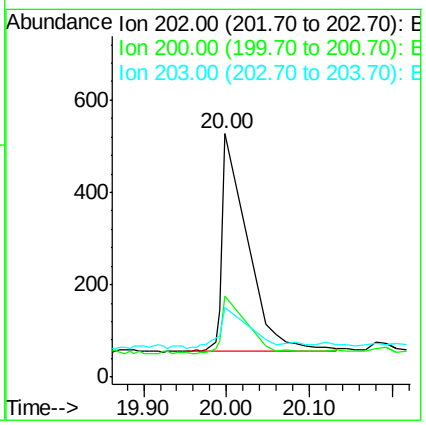


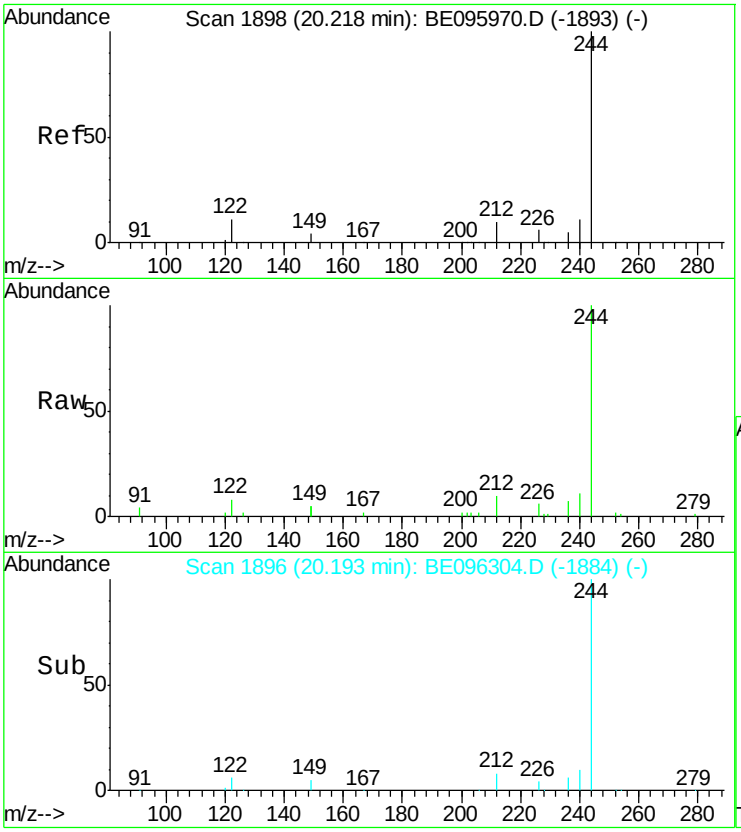


#28
Pyrene
Concen: 0.050 ng
RT: 20.00 min Scan# 1883
Delta R.T. 0.00 min
Lab File: BE096304.D
Acq: 2 May 2018 21:20

Tgt Ion:202 Resp: 523

Ion	Ratio	Lower	Upper
202	100		
200	29.3	16.6	25.0#
203	28.9	13.8	20.8#



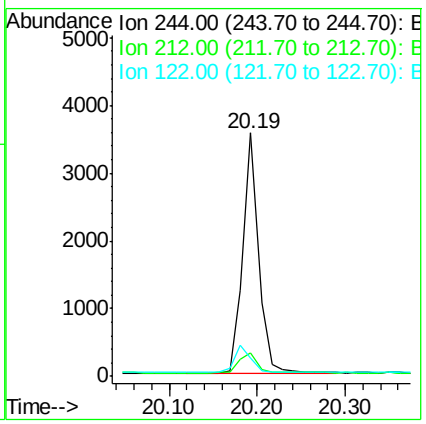


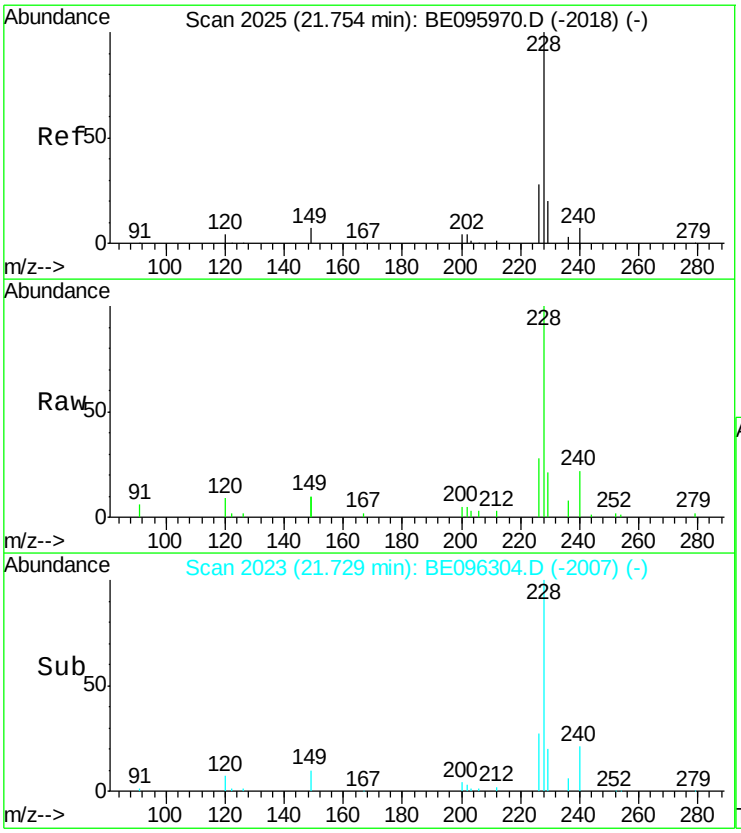
#29
Terphenyl-d14
Concen: 0.377 ng
RT: 20.19 min Scan# 1896
Delta R.T. -0.00 min
Lab File: BE096304.D
Acq: 2 May 2018 21:20

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:244 Resp: 4439

Ion	Ratio	Lower	Upper
244	100		
212	9.6	25.4	38.0#
122	7.7	8.1	12.1#

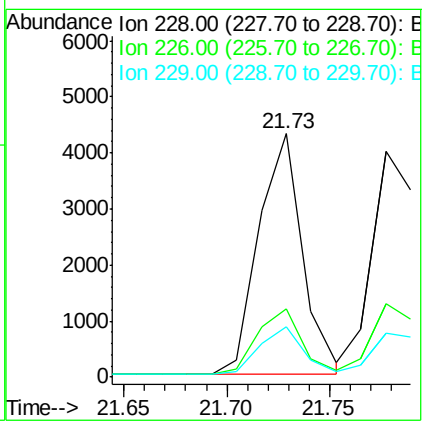


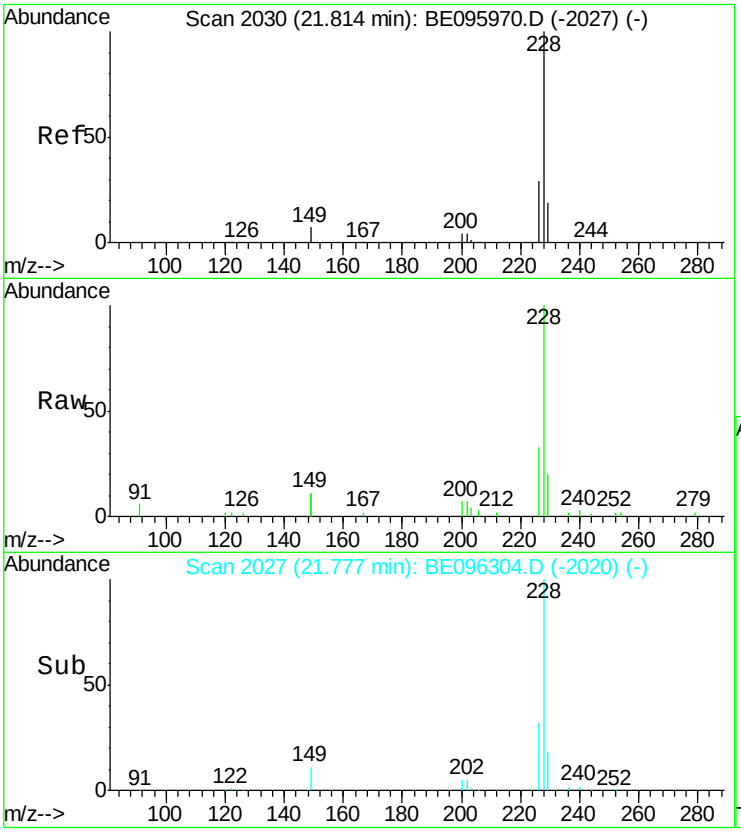


#30
Benzo(a)anthracene
Concen: 0.373 ng
RT: 21.73 min Scan# 2023
Delta R.T. -0.00 min
Lab File: BE096304.D
Acq: 2 May 2018 21:20

Tgt Ion:228 Resp: 6380

Ion	Ratio	Lower	Upper
228	100		
226	27.8	24.0	36.0
229	20.9	16.0	24.0



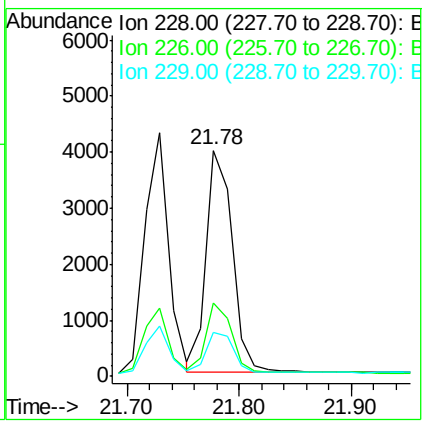


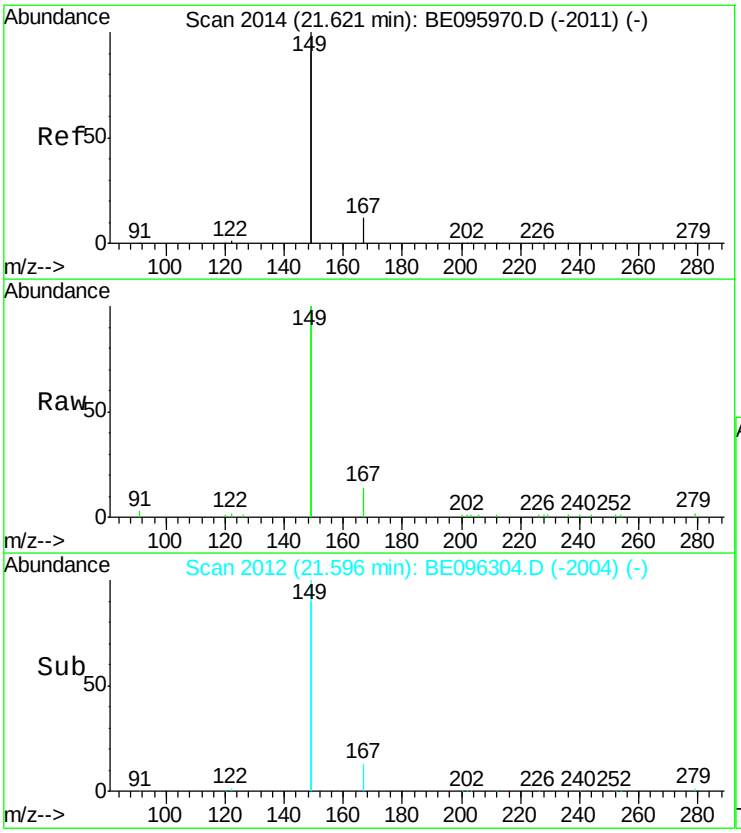
#31
Chrysene
Concen: 0.385 ng
RT: 21.78 min Scan# 2027
Delta R.T. -0.01 min
Lab File: BE096304.D
Acq: 2 May 2018 21:20

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:228 Resp: 6366

Ion	Ratio	Lower	Upper
228	100		
226	32.7	24.0	36.0
229	19.6	16.0	24.0

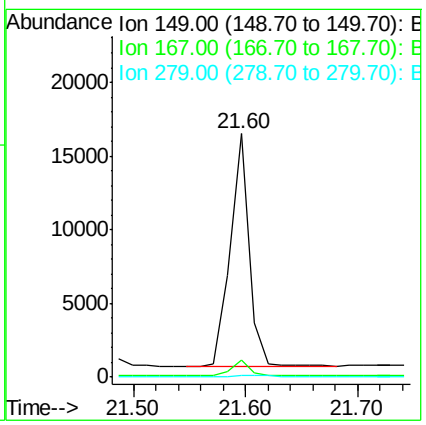


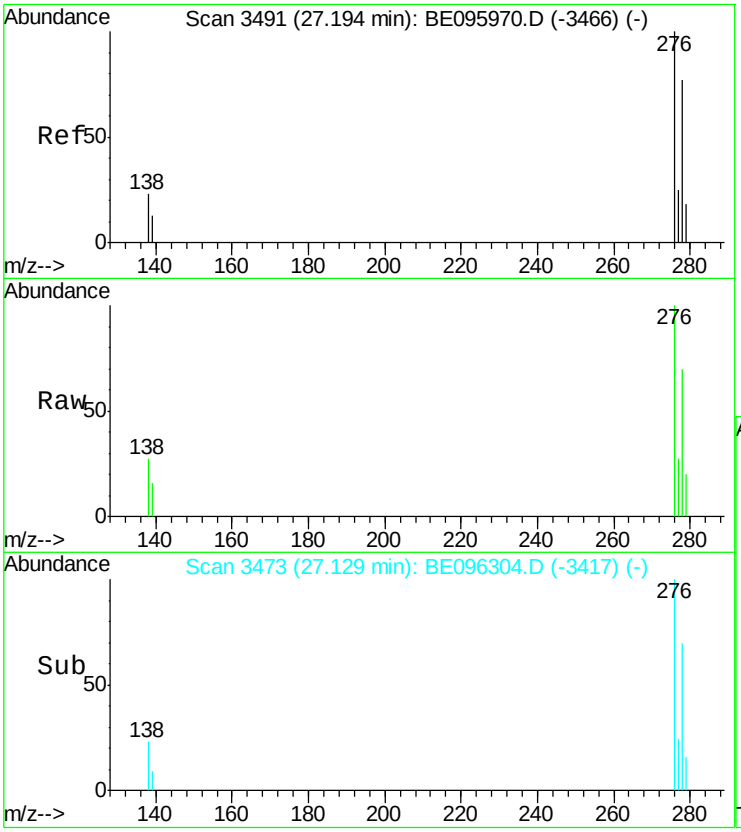


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.416 ng
RT: 21.60 min Scan# 2012
Delta R.T. -0.00 min
Lab File: BE096304.D
Acq: 2 May 2018 21:20

Tgt Ion:149 Resp: 18349

Ion	Ratio	Lower	Upper
149	100		
167	6.7	5.4	8.0
279	0.7	0.7	1.1



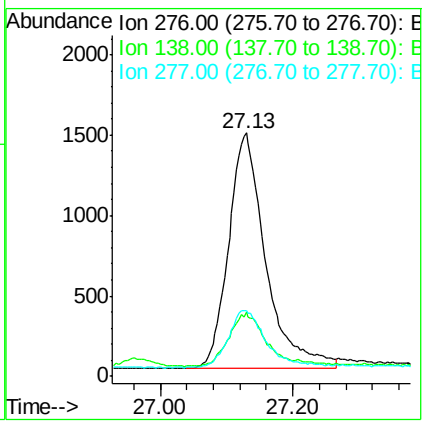


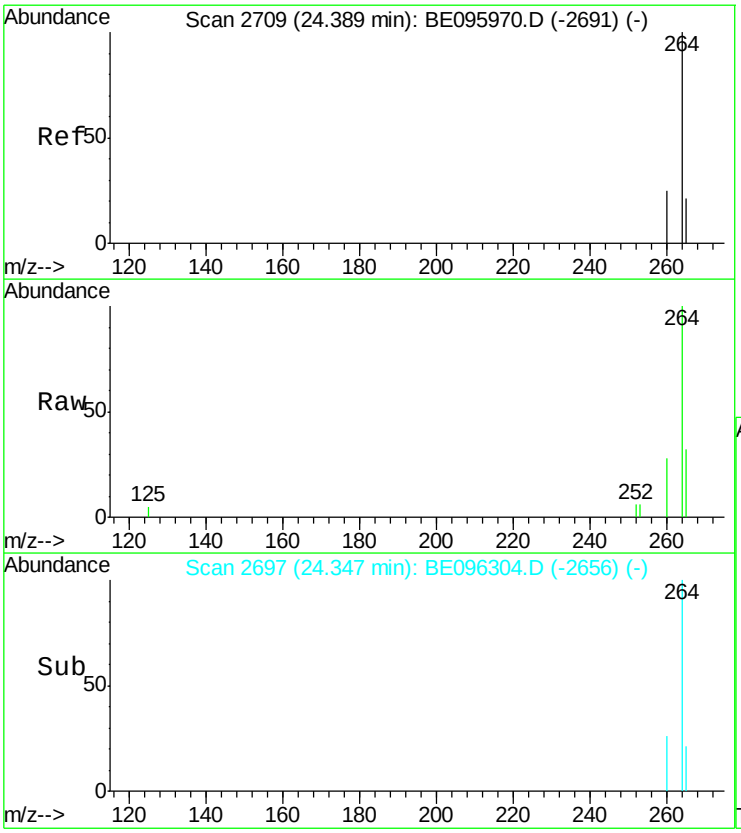
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.354 ng
RT: 27.13 min Scan# 3473
Delta R.T. -0.00 min
Lab File: BE096304.D
Acq: 2 May 2018 21:20

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 5671

Ion	Ratio	Lower	Upper
276	100		
138	21.9	22.5	33.7#
277	24.3	19.9	29.9

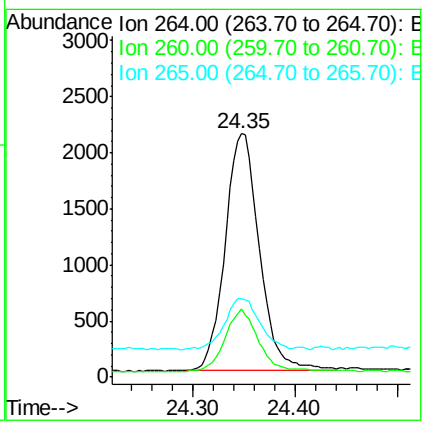


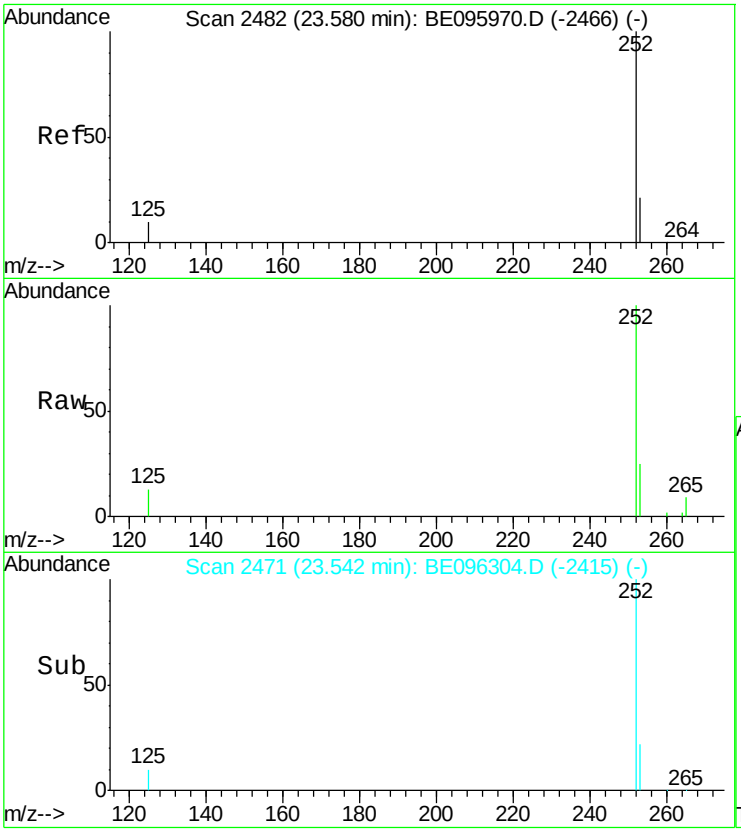


#34
Perylene-d12
Concen: 0.400 ng
RT: 24.35 min Scan# 2697
Delta R.T. -0.00 min
Lab File: BE096304.D
Acq: 2 May 2018 21:20

Tgt Ion:264 Resp: 4952

Ion	Ratio	Lower	Upper
264	100		
260	28.1	20.5	30.7
265	32.4	22.8	34.2



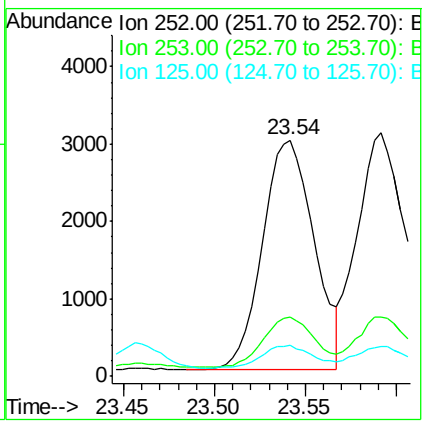


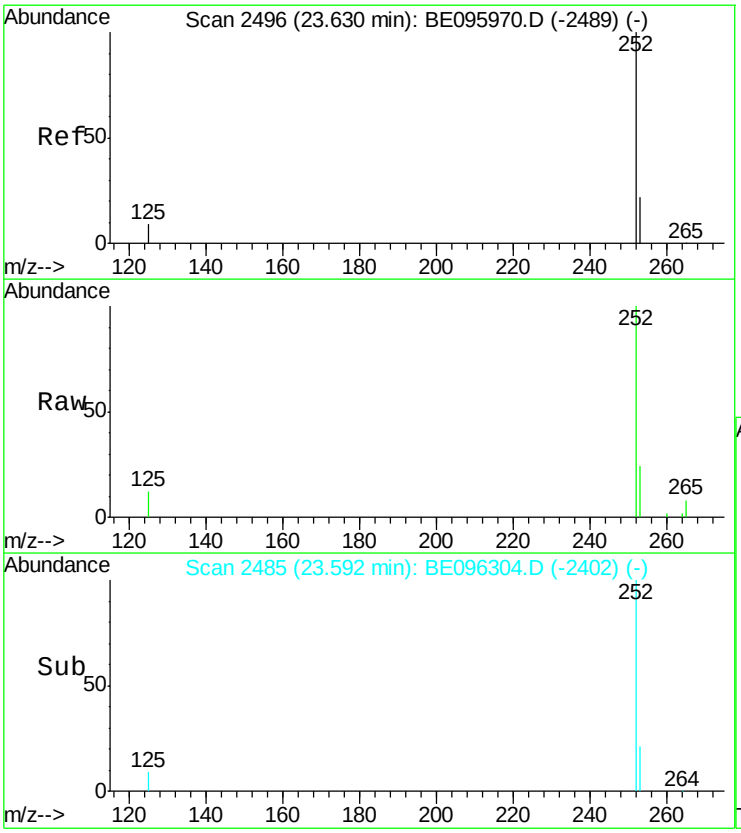
#35
Benzo(b)fluoranthene
Concen: 0.393 ng
RT: 23.54 min Scan# 2471
Delta R.T. -0.00 min
Lab File: BE096304.D
Acq: 2 May 2018 21:20

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 5832

Ion	Ratio	Lower	Upper
252	100		
253	25.1	20.0	30.0
125	12.9	16.0	24.0#

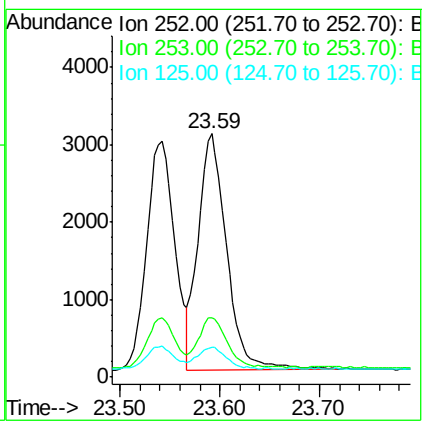


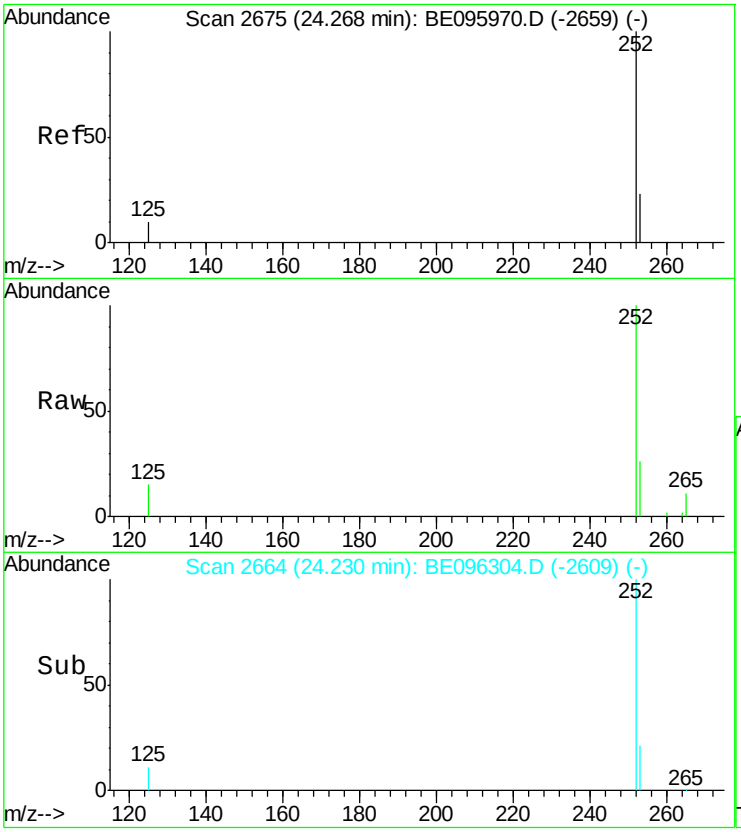


#36
Benzo(k)fluoranthene
Concen: 0.394 ng
RT: 23.59 min Scan# 2485
Delta R.T. -0.00 min
Lab File: BE096304.D
Acq: 2 May 2018 21:20

Tgt Ion:252 Resp: 6024

Ion	Ratio	Lower	Upper
252	100		
253	24.2	16.0	24.0#
125	12.5	8.0	12.0#



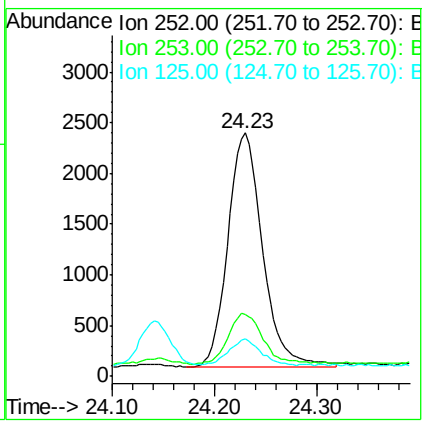


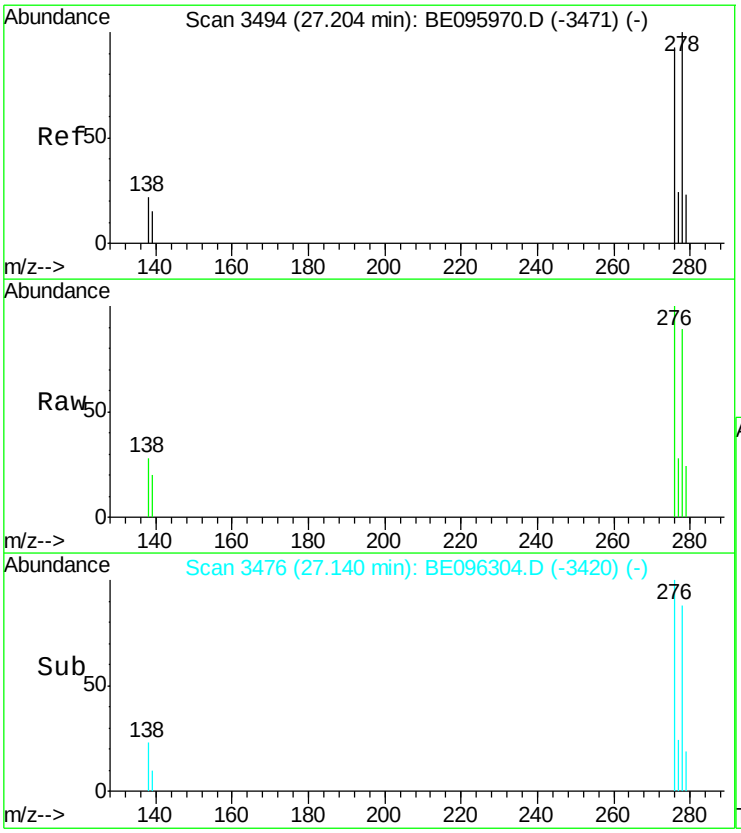
#37
Benzo(a)pyrene
Concen: 0.385 ng
RT: 24.23 min Scan# 2664
Delta R.T. -0.00 min
Lab File: BE096304.D
Acq: 2 May 2018 21:20

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 5494

Ion	Ratio	Lower	Upper
252	100		
253	25.5	16.0	24.0#
125	15.3	12.0	18.0

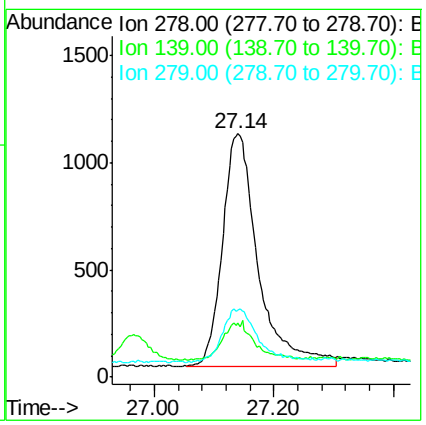


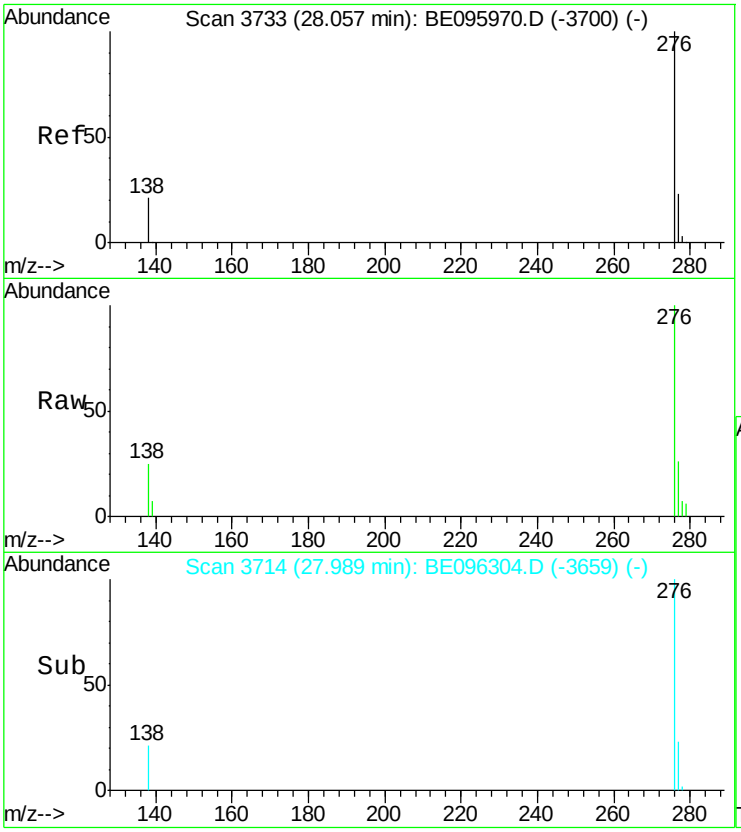


#38
Dibenzo(a,h)anthracene
Concen: 0.359 ng
RT: 27.14 min Scan# 3476
Delta R.T. -0.00 min
Lab File: BE096304.D
Acq: 2 May 2018 21:20

Tgt Ion:278 Resp: 4525

Ion	Ratio	Lower	Upper
278	100		
139	22.1	16.0	24.0
279	27.5	20.0	30.0





#39
Benzo(g,h,i)perylene
Concen: 0.377 ng
RT: 27.99 min Scan# 3714
Delta R.T. -0.00 min
Lab File: BE096304.D
Acq: 2 May 2018 21:20

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 5016

Ion	Ratio	Lower	Upper
276	100		
277	26.4	16.0	24.0#
138	25.0	20.0	30.0