Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE050118\
Data File : BE096251.D
Acq On : 1 May 2018 10:45
Operator : SJ/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId :

Quant Time: May 02 01:50:27 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	717	0.40	ng		0.00
7) Naphthalene-d8	11.19	136	2666	0.40	ng		0.00
13) Acenaphthene-d10	14.94	164	1421	0.40	ng		0.00
19) Phenanthrene-d10	17.65	188	3461	0.40	ng		0.00
27) Chrysene-d12	21.74	240	3477	0.40	ng		0.00
34) Perylene-d12	24.35	264	3248	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.87	112	767	0.35	ng		0.00
5) Phenol-d6	7.52	99	1132	0.37	ng		0.00
8) Nitrobenzene-d5	9.45	82	108	0.03	ng		-0.09
11) 2-Methylnaphthalene-d10	12.74	152	1543	0.37	ng		0.00
14) 2,4,6-Tribromophenol	16.41	330	226	0.33	ng		0.00
15) 2-Fluorobiphenyl	13.57	172	2448	0.40	ng		0.00
25) Fluoranthene-d10	19.64	212	16452	0.35	ng		0.00
29) Terphenyl-d14	20.19	244	2842	0.37	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.60	88	393	0.355	ng	#	90
3) n-Nitrosodimethylamine	3.96	42	528	0.389	ng	#	73
6) bis(2-Chloroethyl)ether	7.76	93	994	0.369	ng		92
9) Naphthalene	11.24	128	10699	0.381	ng		99
10) Hexachlorobutadiene	11.50	225	272	0.218	ng		86
12) 2-Methylnaphthalene	12.81	142	1736	0.373	ng		97
16) Acenaphthylene	14.67	152	2997	0.395	ng		99
17) Acenaphthene	15.00	154	1798	0.394	ng		92
18) Fluorene	15.97	166	2253	0.399	ng	#	78
20) 4-Bromophenyl-phenylether	16.83	248	740	0.360	ng	#	66
21) Hexachlorobenzene	16.96	284	781	0.381	ng	#	82
22) Pentachlorophenol	17.31	266	312	0.466	ng	#	78
23) Phenanthrene	17.69	178	3712	0.382	ng		98
24) Anthracene	17.78	178	3485	0.375	ng	#	95
26) Fluoranthene	19.66	202	4629	0.362	ng		98
28) Pyrene	20.00	202	209	0.031	ng	#	81
30) Benzo(a)anthracene	21.73	228	4228	0.379	ng		96
31) Chrysene	21.79	228	4237	0.393	ng		97
32) Bis(2-ethylhexyl)phthalate	21.60	149	11220	0.390	ng		100
33) Indeno(1,2,3-cd)pyrene	27.13	276	4067	0.389	ng		96
35) Benzo(b)fluoranthene	23.54	252	3896	0.400	ng	#	92
36) Benzo(k)fluoranthene	23.60	252	3935	0.393	ng	#	90
37) Benzo(a)pyrene	24.24	252	3696	0.395	ng	#	91
38) Dibenzo(a,h)anthracene	27.14	278	3348	0.406	ng		94
39) Benzo(g,h,i)perylene	28.00	276	3417	0.391	ng	#	90

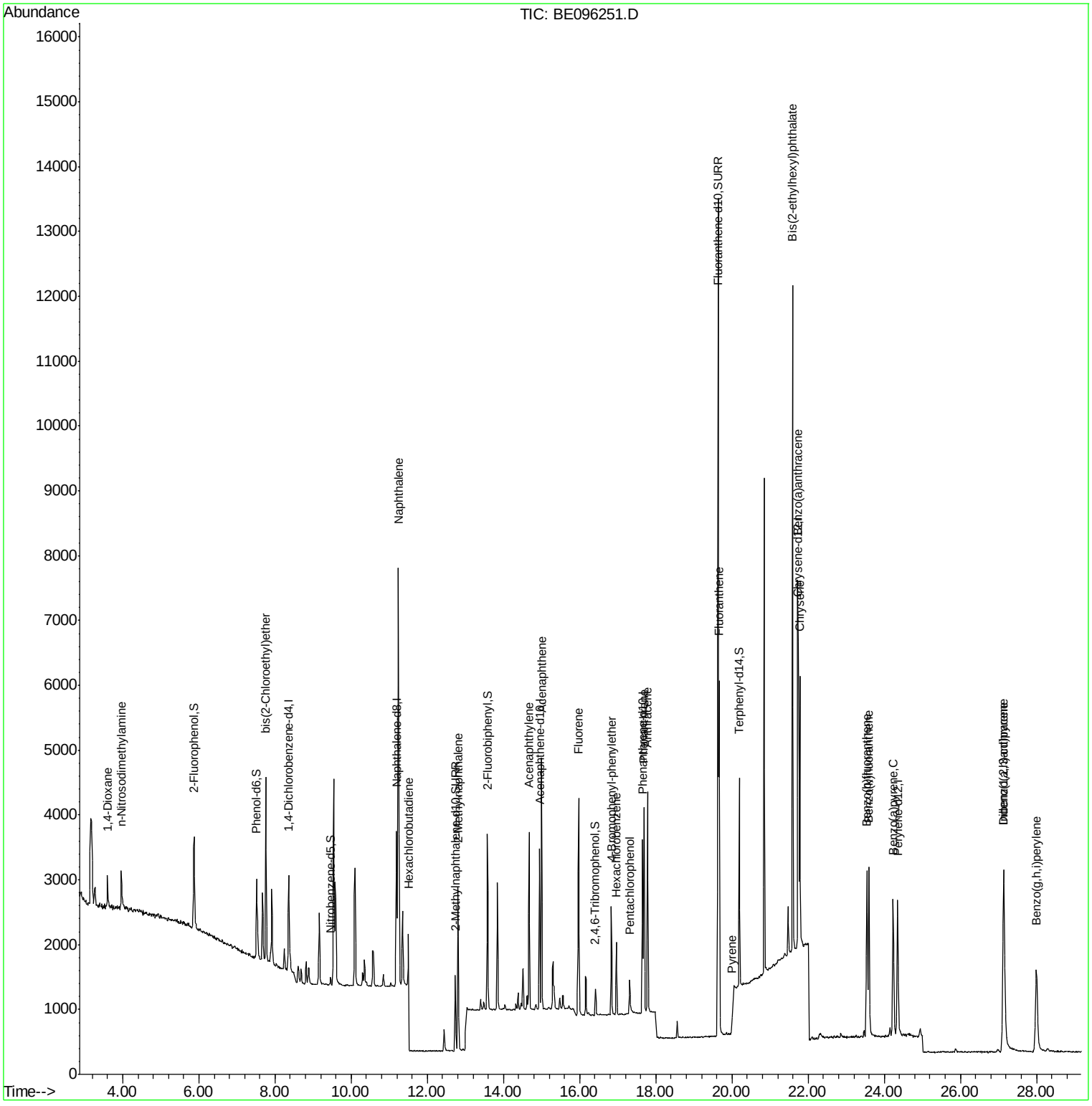
(#) = qualifier out of range (m) = manual integration (+) = signals summed

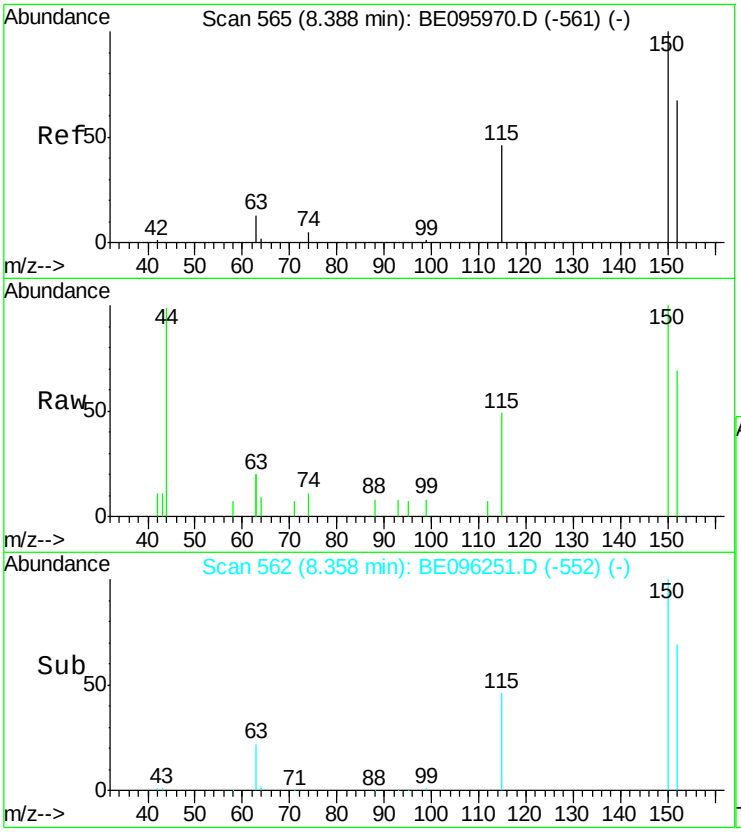
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE050118\
Data File : BE096251.D
Acq On : 1 May 2018 10:45
Operator : SJ/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :

Quant Time: May 02 01:50:27 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



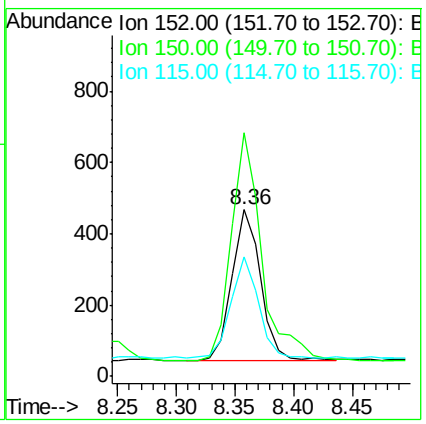


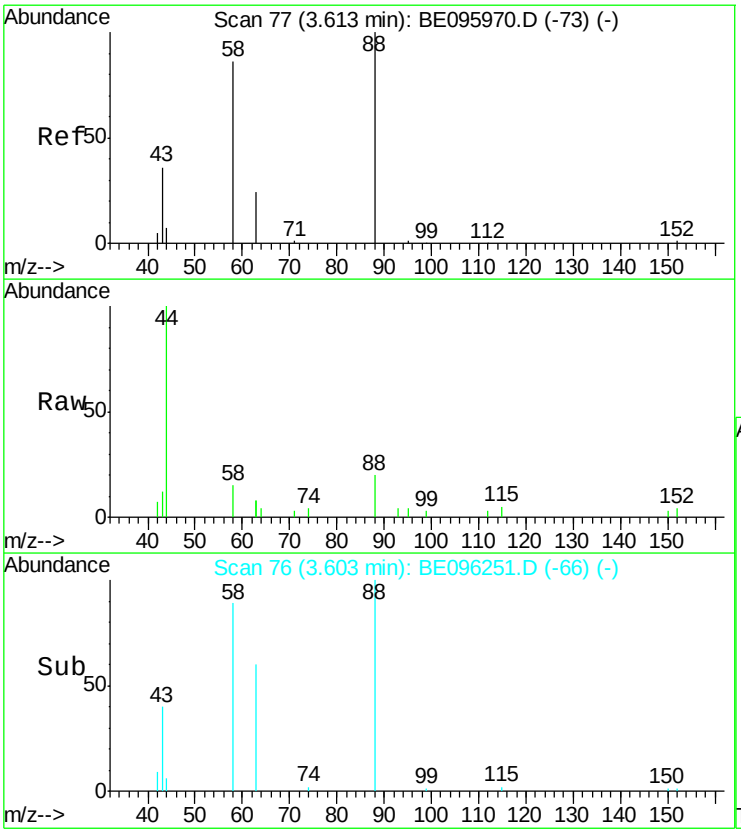
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.36 min Scan# 562
Delta R.T. -0.00 min
Lab File: BE096251.D
Acq: 1 May 2018 10:45

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 717

Ion	Ratio	Lower	Upper
152	100		
150	145.9	117.2	175.8
115	71.8	57.0	85.6

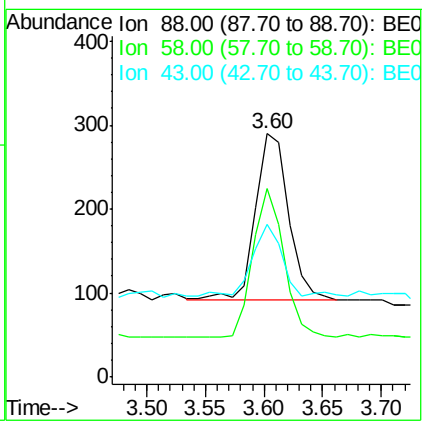


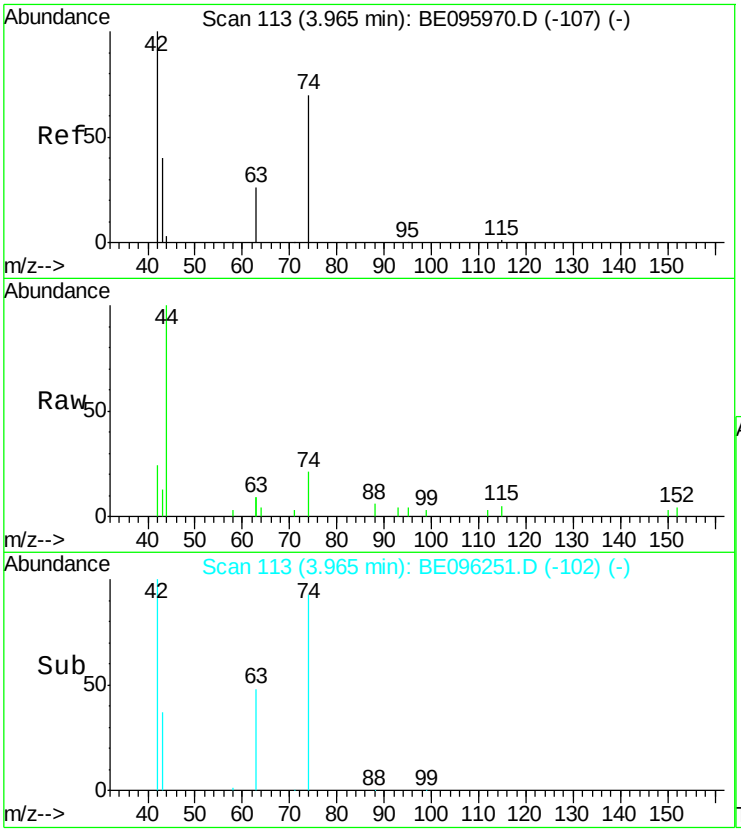


#2
1,4-Dioxane
Concen: 0.355 ng
RT: 3.60 min Scan# 76
Delta R.T. -0.00 min
Lab File: BE096251.D
Acq: 1 May 2018 10:45

Tgt Ion: 88 Resp: 393

Ion	Ratio	Lower	Upper
88	100		
58	83.0	63.2	94.8
43	38.2	41.2	61.8#



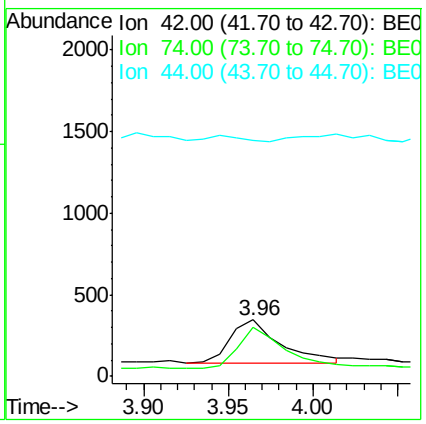


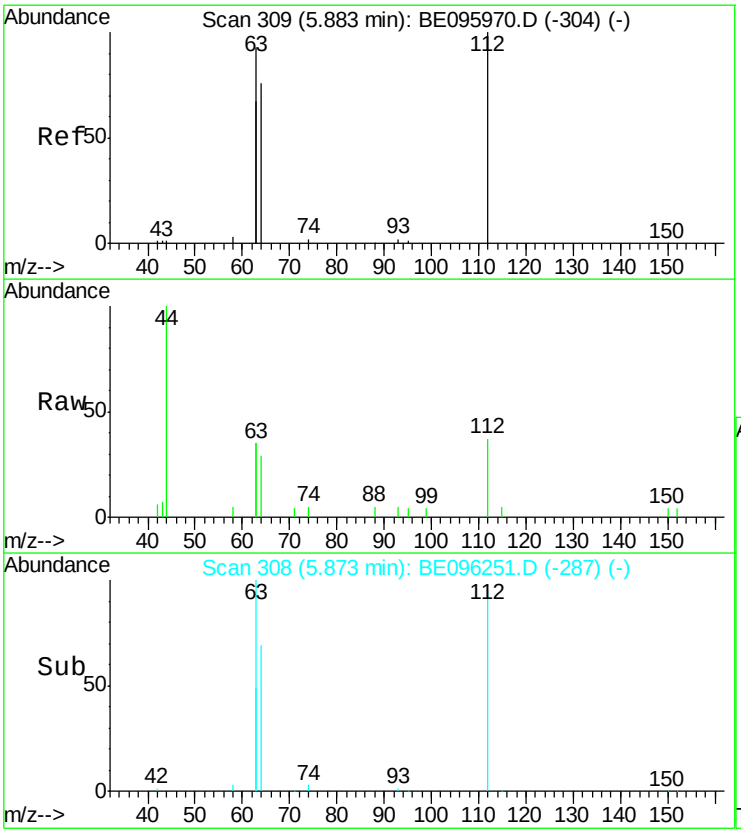
#3
n-Nitrosodimethylamine
Concen: 0.389 ng
RT: 3.96 min Scan# 113
Delta R.T. 0.01 min
Lab File: BE096251.D
Acq: 1 May 2018 10:45

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 42 Resp: 528

Ion	Ratio	Lower	Upper
42	100		
74	89.0	96.0	144.0#
44	7.8	12.0	18.0#

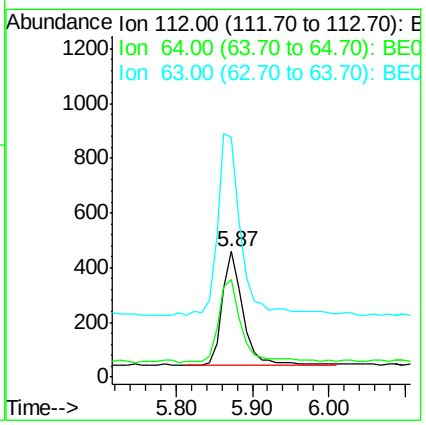


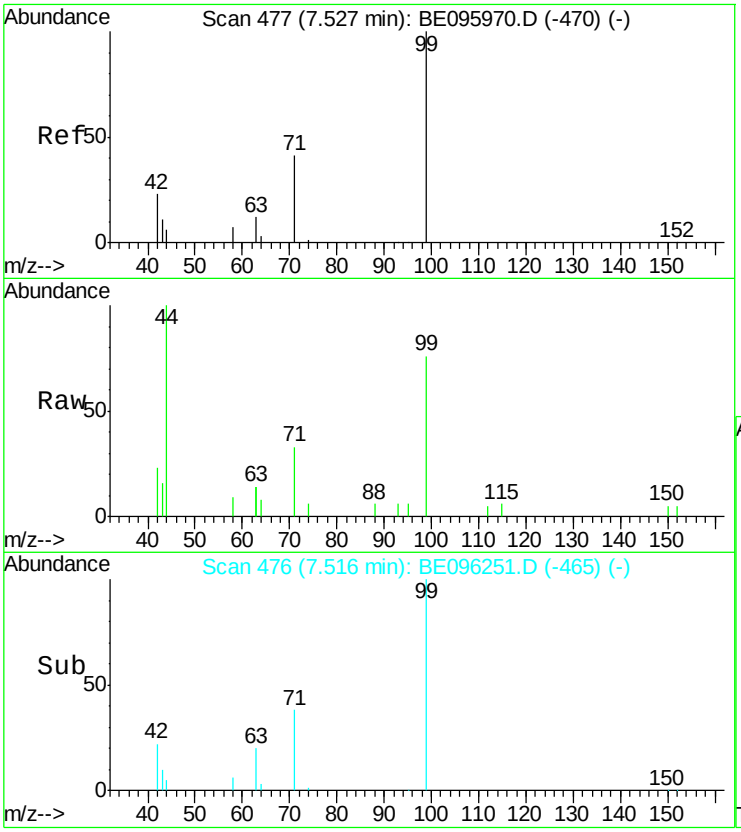


#4
2-Fluorophenol
Concen: 0.346 ng
RT: 5.87 min Scan# 308
Delta R.T. 0.01 min
Lab File: BE096251.D
Acq: 1 May 2018 10:45

Tgt Ion:112 Resp: 767

Ion	Ratio	Lower	Upper
112	100		
64	82.0	60.1	90.1
63	183.7	116.8	175.2#



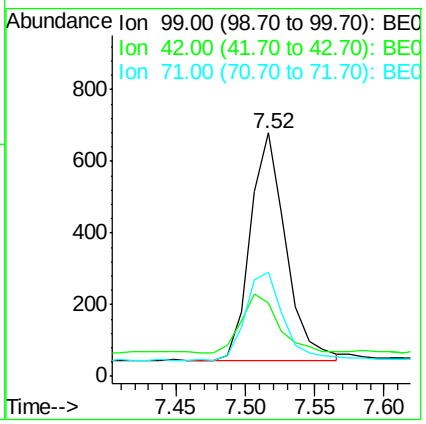


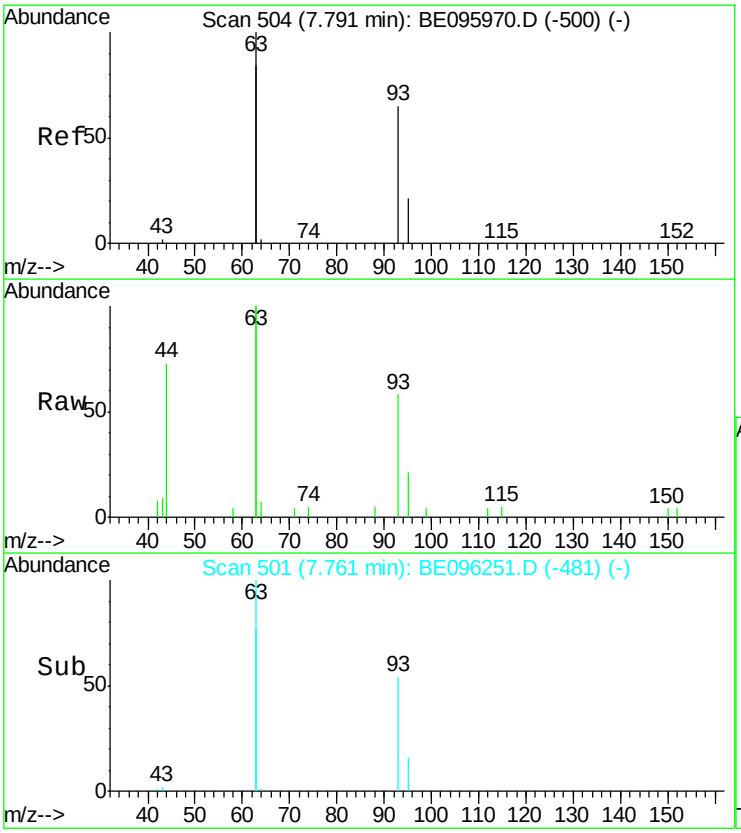
#5
Phenol-d6
Concen: 0.370 ng
RT: 7.52 min Scan# 476
Delta R.T. 0.01 min
Lab File: BE096251.D
Acq: 1 May 2018 10:45

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 99 Resp: 1132

Ion	Ratio	Lower	Upper
99	100		
42	27.9	20.2	30.2
71	40.9	28.4	42.6

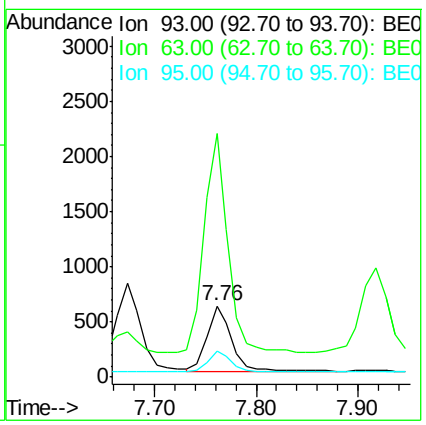


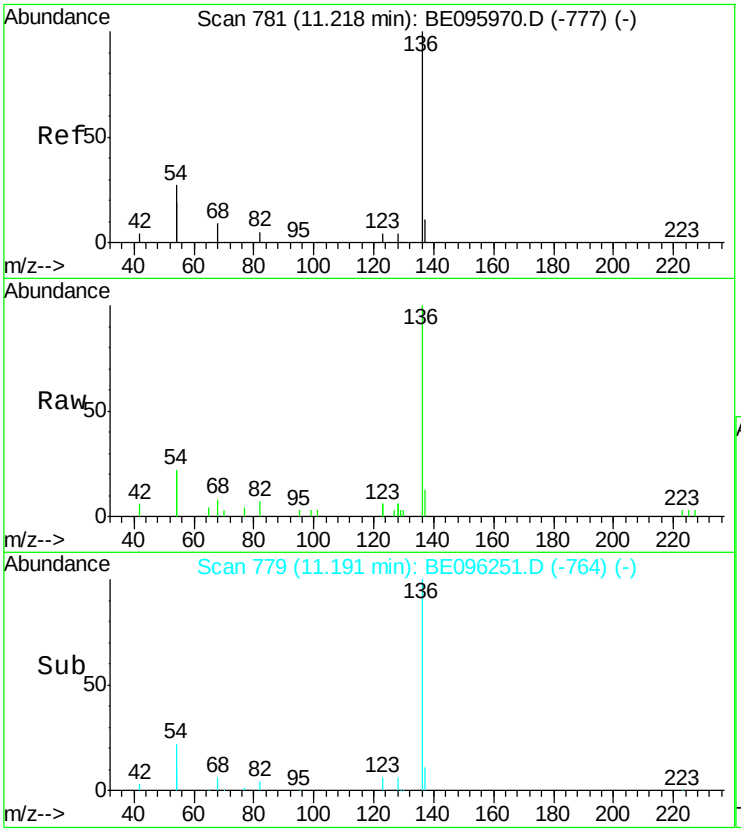


#6
bis(2-Chloroethyl)ether
Concen: 0.369 ng
RT: 7.76 min Scan# 501
Delta R.T. -0.00 min
Lab File: BE096251.D
Acq: 1 May 2018 10:45

Tgt Ion: 93 Resp: 994

Ion	Ratio	Lower	Upper
93	100		
63	324.6	275.3	412.9
95	31.5	25.2	37.8



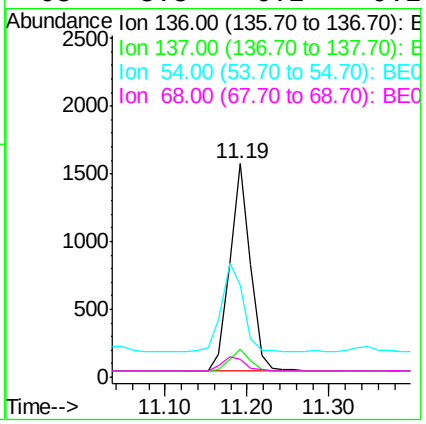


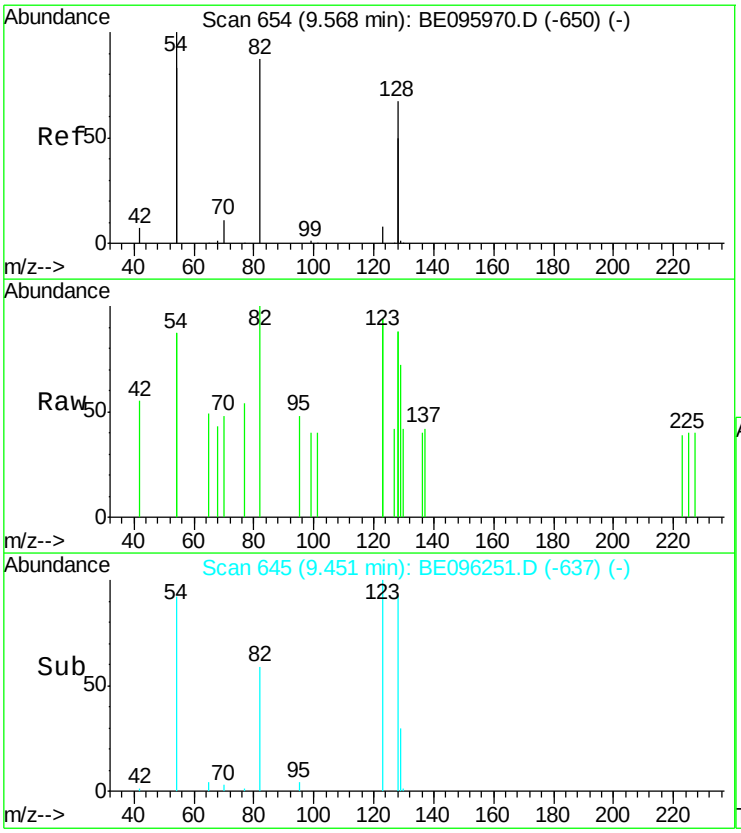
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 11.19 min Scan# 779
Delta R.T. -0.00 min
Lab File: BE096251.D
Acq: 1 May 2018 10:45

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:136 Resp: 2666

Ion	Ratio	Lower	Upper
136	100		
137	13.1	9.5	14.3
54	43.4	29.1	43.7
68	8.3	6.2	9.2

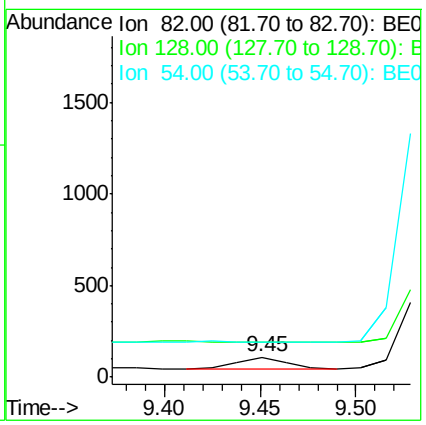


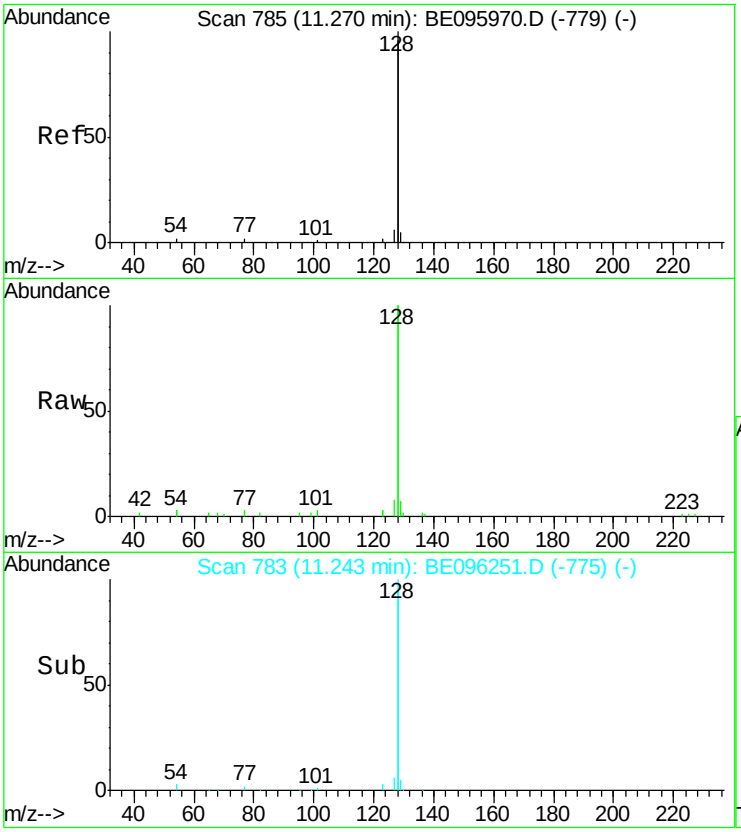


#8
Nitrobenzene-d5
Concen: 0.035 ng
RT: 9.45 min Scan# 645
Delta R.T. -0.09 min
Lab File: BE096251.D
Acq: 1 May 2018 10:45

Tgt Ion: 82 Resp: 108

Ion	Ratio	Lower	Upper
82	100		
128	176.1	150.0	225.0
54	174.3	154.2	231.4

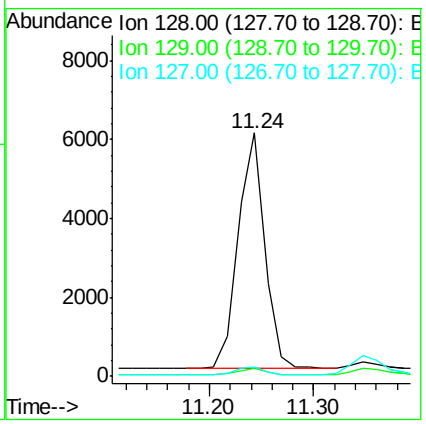




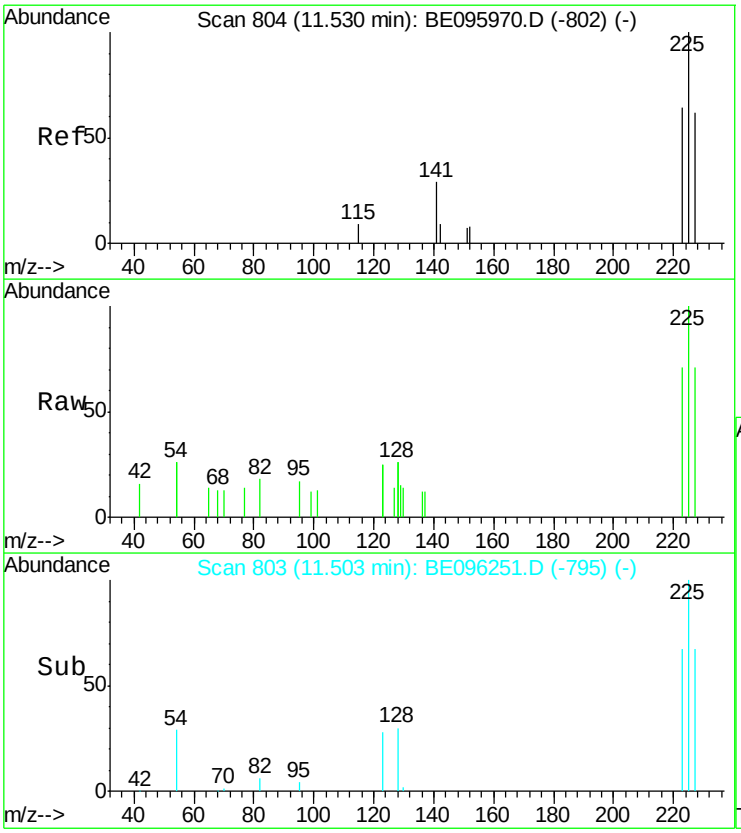
#9
Naphthalene
Concen: 0.381 ng
RT: 11.24 min Scan# 783
Delta R.T. -0.00 min
Lab File: BE096251.D
Acq: 1 May 2018 10:45

Tgt Ion:128 Resp: 10699

Ion	Ratio	Lower	Upper
128	100		
129	3.3	2.6	3.8
127	3.8	2.8	4.2



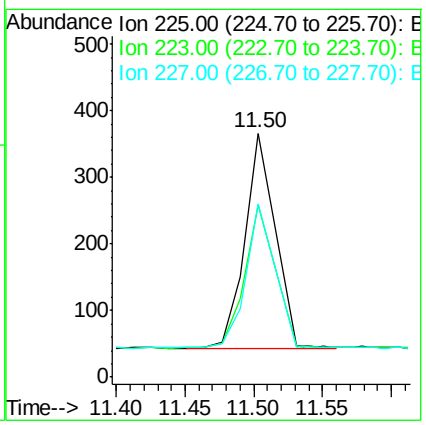
Instrument :
BNA_E
ClientSampleId :

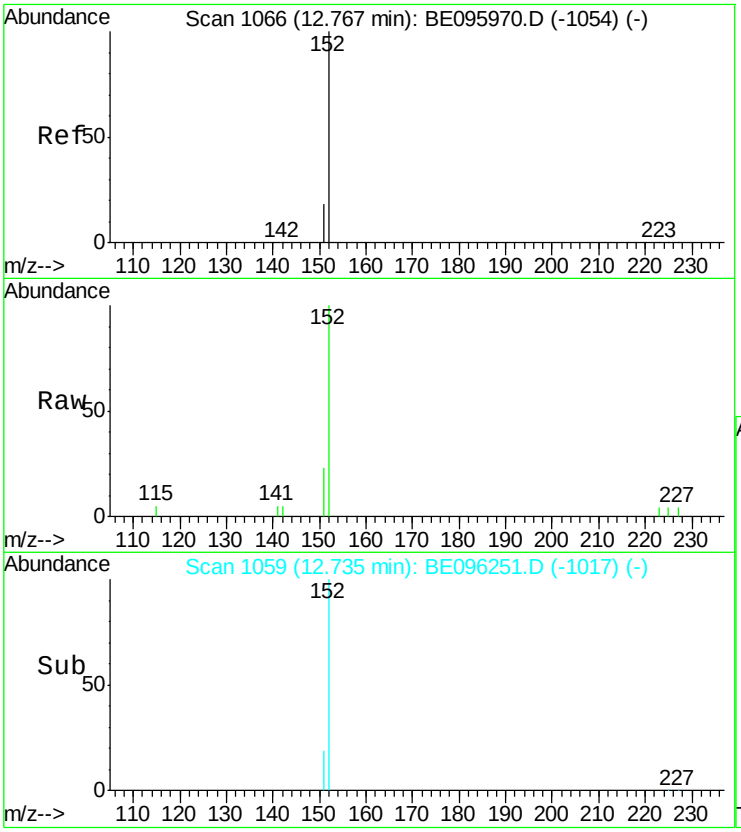


#10
Hexachlorobutadiene
Concen: 0.218 ng
RT: 11.50 min Scan# 803
Delta R.T. -0.00 min
Lab File: BE096251.D
Acq: 1 May 2018 10:45

Tgt Ion:225 Resp: 272

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



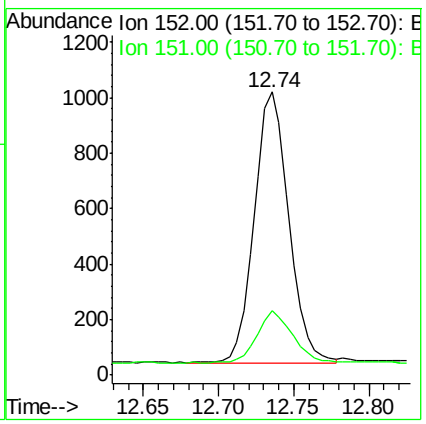


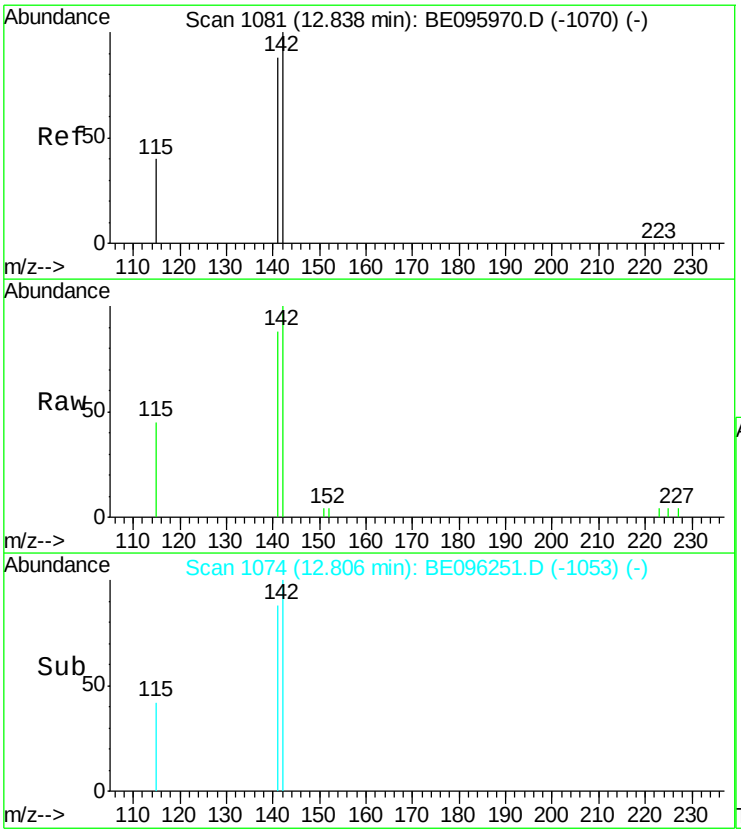
#11
2-Methylnaphthalene-d10
Concen: 0.365 ng
RT: 12.74 min Scan# 1059
Delta R.T. -0.00 min
Lab File: BE096251.D
Acq: 1 May 2018 10:45

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 1543

Ion	Ratio	Lower	Upper
152	100		
151	19.9	15.4	23.0

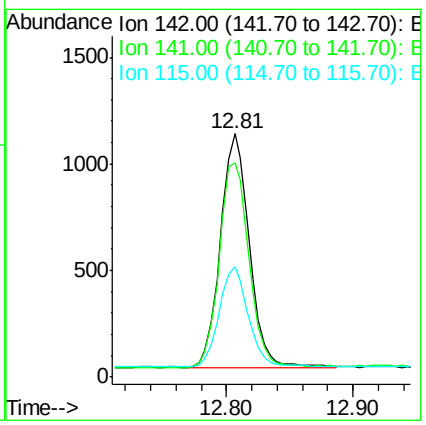


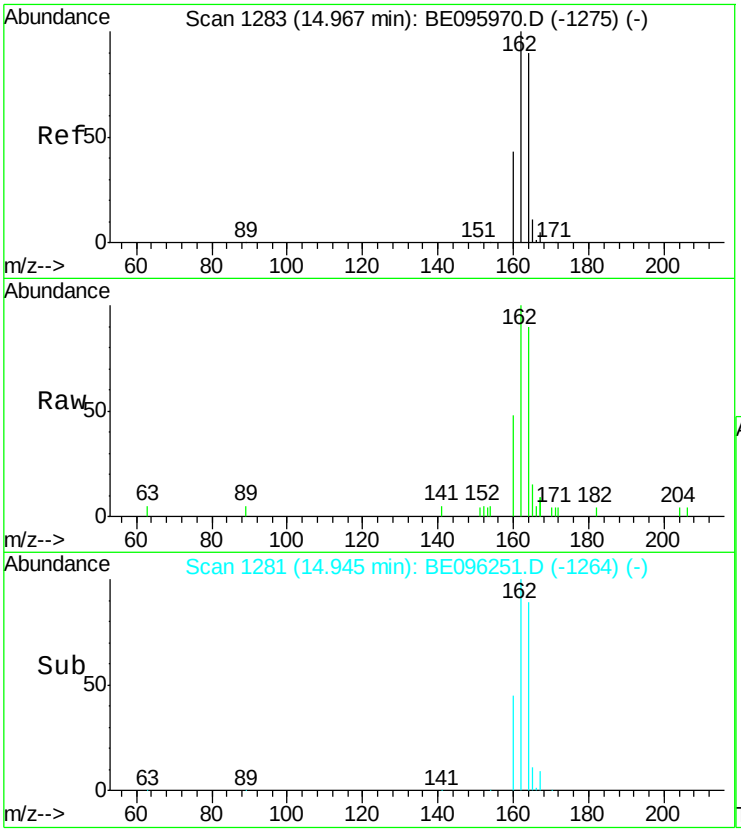


#12
2-Methylnaphthalene
Concen: 0.373 ng
RT: 12.81 min Scan# 1074
Delta R.T. -0.00 min
Lab File: BE096251.D
Acq: 1 May 2018 10:45

Tgt Ion:142 Resp: 1736

Ion	Ratio	Lower	Upper
142	100		
141	88.1	70.4	105.6
115	45.2	31.7	47.5



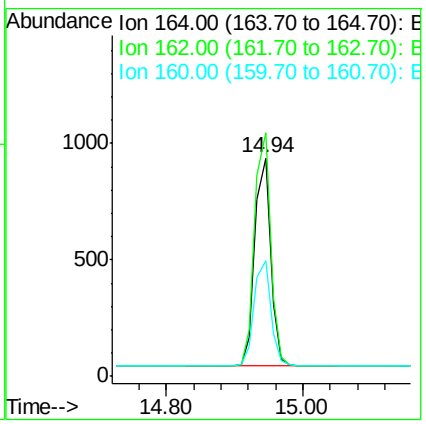


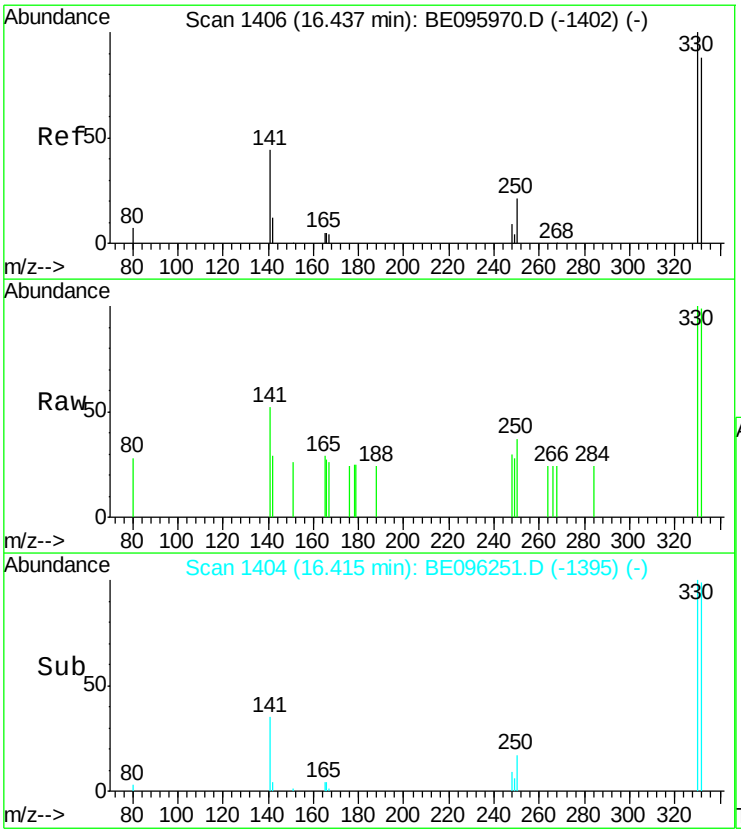
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.94 min Scan# 1281
Delta R.T. 0.00 min
Lab File: BE096251.D
Acq: 1 May 2018 10:45

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:164 Resp: 1421

Ion	Ratio	Lower	Upper
164	100		
162	111.6	83.1	124.7
160	53.1	37.1	55.7

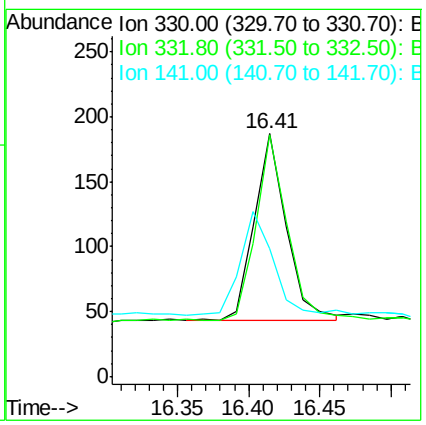


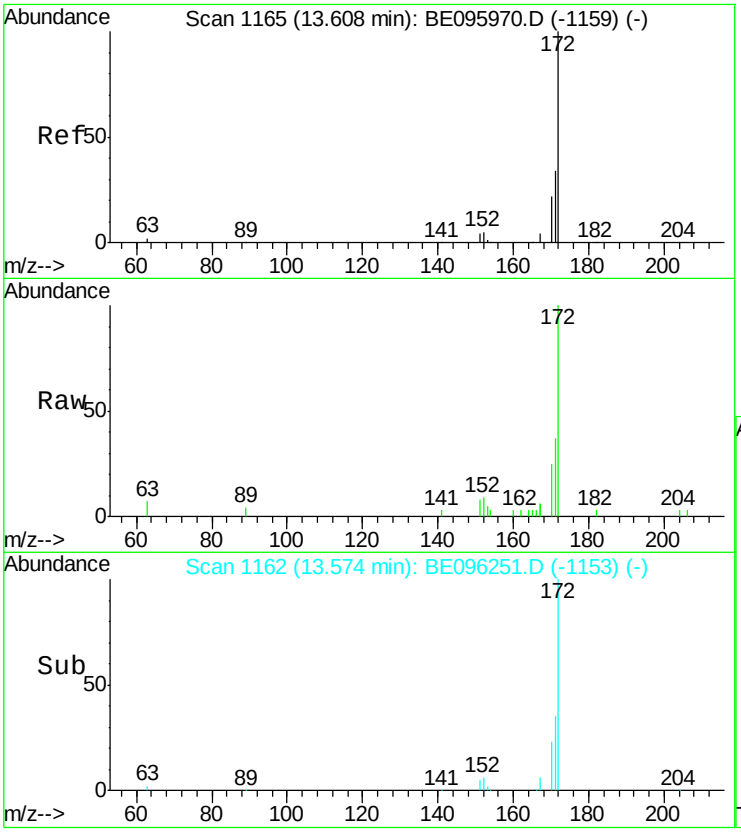


#14
2,4,6-Tribromophenol
Concen: 0.329 ng
RT: 16.41 min Scan# 1404
Delta R.T. 0.00 min
Lab File: BE096251.D
Acq: 1 May 2018 10:45

Tgt Ion:330 Resp: 226

Ion	Ratio	Lower	Upper
330	100		
332	97.3	152.7	229.1#
141	58.0	33.7	50.5#



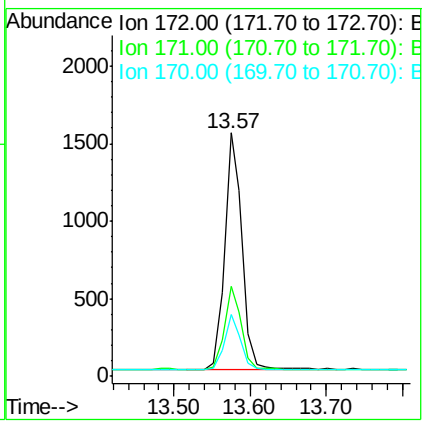


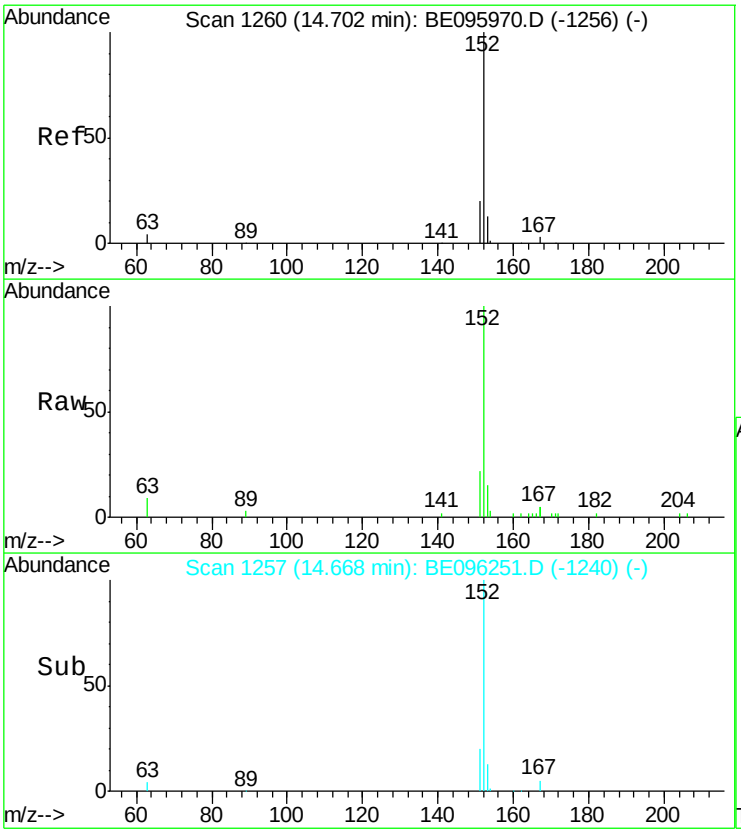
#15
2-Fluorobiphenyl
Concen: 0.403 ng
RT: 13.57 min Scan# 1162
Delta R.T. 0.00 min
Lab File: BE096251.D
Acq: 1 May 2018 10:45

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:172 Resp: 2448

Ion	Ratio	Lower	Upper
172	100		
171	37.0	29.9	44.9
170	25.5	21.8	32.8

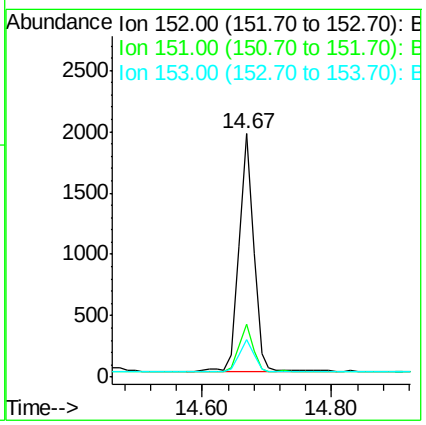


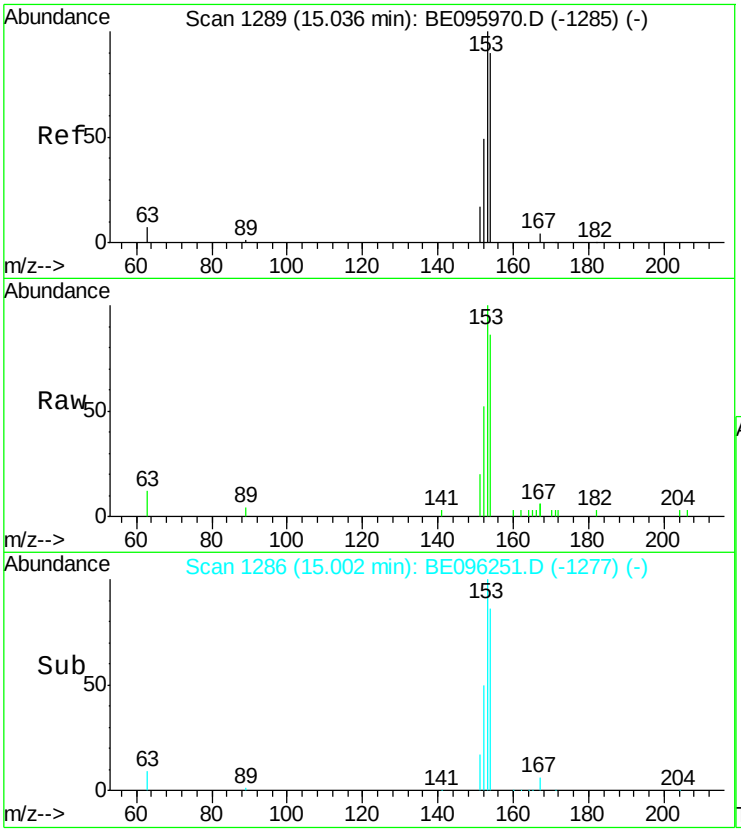


#16
Acenaphthylene
Concen: 0.395 ng
RT: 14.67 min Scan# 1257
Delta R.T. 0.00 min
Lab File: BE096251.D
Acq: 1 May 2018 10:45

Tgt Ion:152 Resp: 2997

Ion	Ratio	Lower	Upper
152	100		
151	19.0	15.7	23.5
153	13.5	10.5	15.7



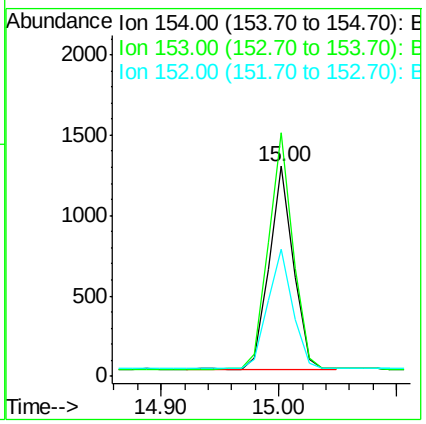


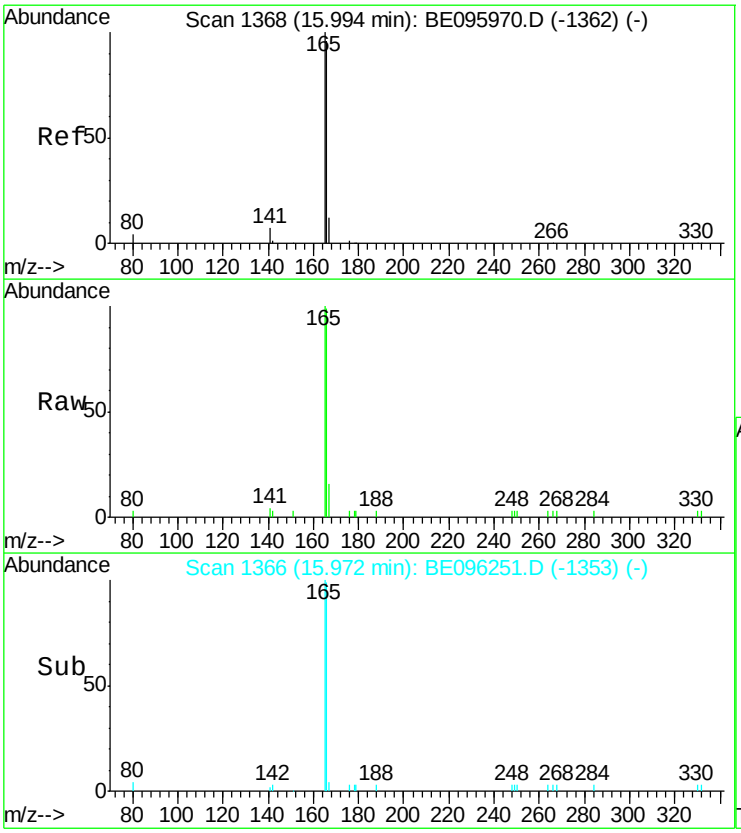
#17
Acenaphthene
Concen: 0.394 ng
RT: 15.00 min Scan# 1286
Delta R.T. 0.00 min
Lab File: BE096251.D
Acq: 1 May 2018 10:45

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:154 Resp: 1798

Ion	Ratio	Lower	Upper
154	100		
153	118.1	89.2	133.8
152	60.8	42.0	63.0

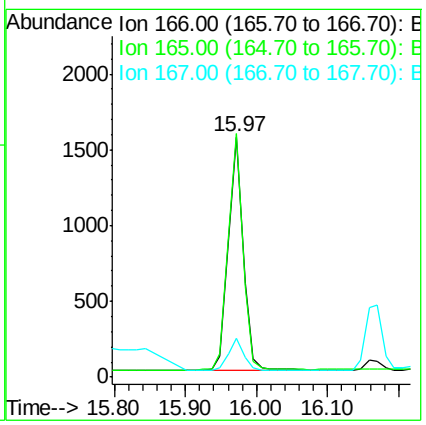


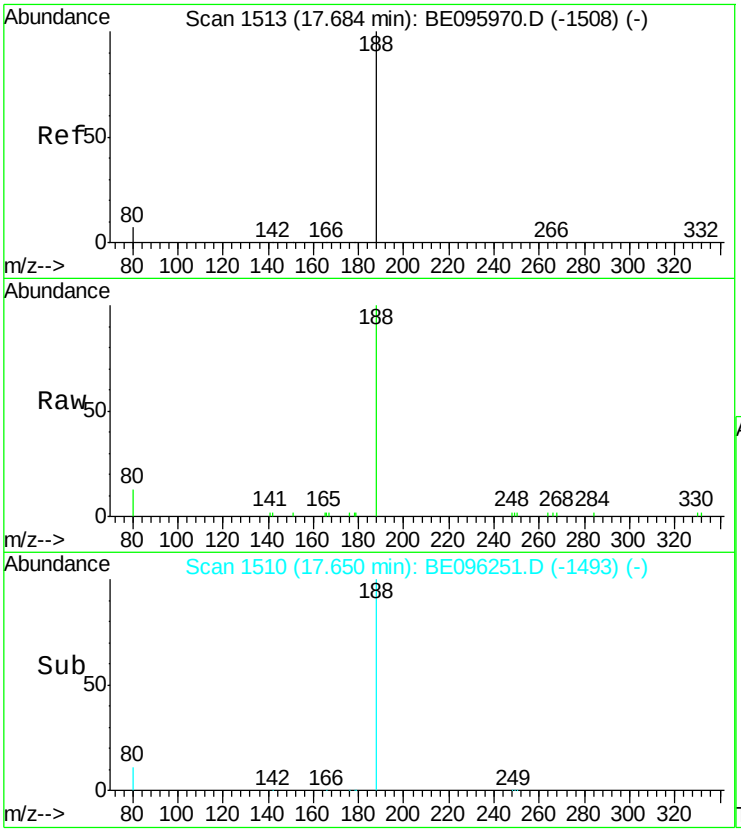


#18
Fluorene
Concen: 0.399 ng
RT: 15.97 min Scan# 1366
Delta R.T. 0.00 min
Lab File: BE096251.D
Acq: 1 May 2018 10:45

Tgt Ion:166 Resp: 2253

Ion	Ratio	Lower	Upper
166	100		
165	101.2	77.8	116.6
167	13.4	42.4	63.6#



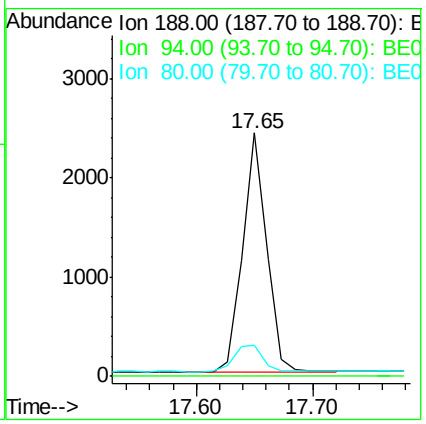


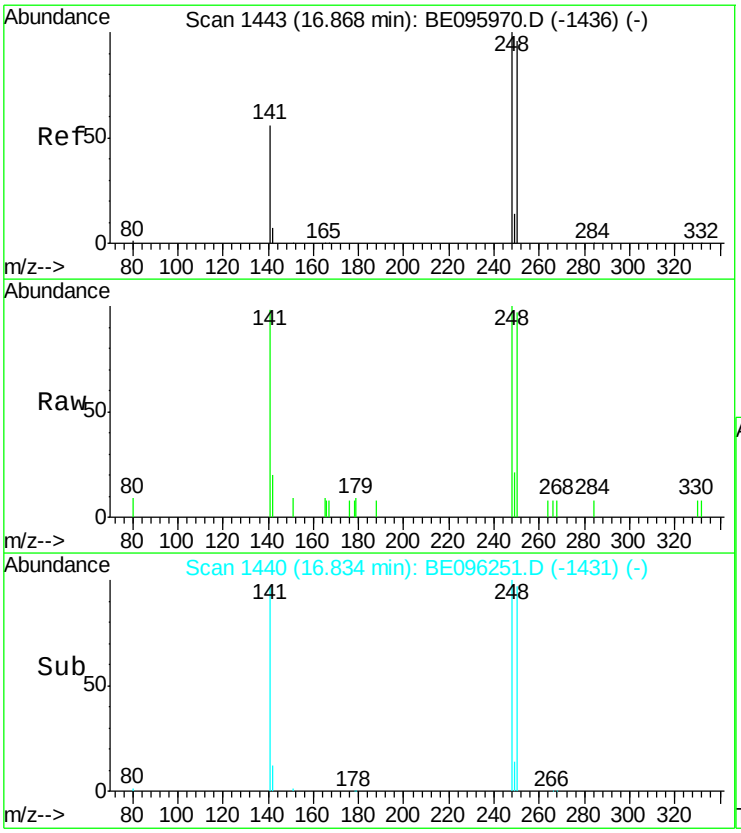
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.65 min Scan# 1510
Delta R.T. 0.00 min
Lab File: BE096251.D
Acq: 1 May 2018 10:45

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:188 Resp: 3461

Ion	Ratio	Lower	Upper
188	100		
94	0.0	3.9	5.9#
80	12.6	3.6	5.4#

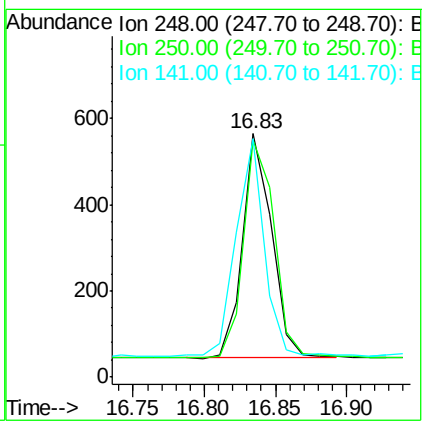


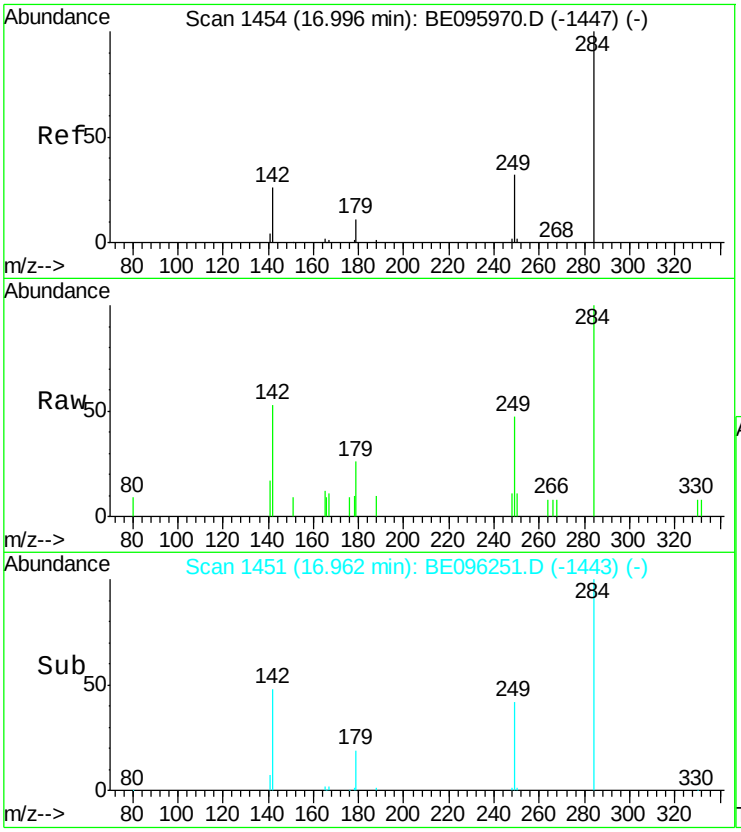


#20
4-Bromophenyl-phenylether
Concen: 0.360 ng
RT: 16.83 min Scan# 1440
Delta R.T. 0.00 min
Lab File: BE096251.D
Acq: 1 May 2018 10:45

Tgt Ion:248 Resp: 740

Ion	Ratio	Lower	Upper
248	100		
250	97.3	62.7	94.1#
141	98.1	48.2	72.2#



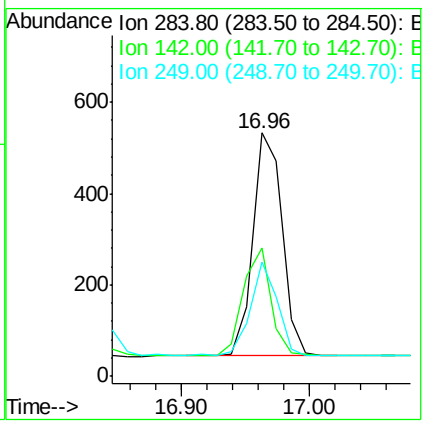


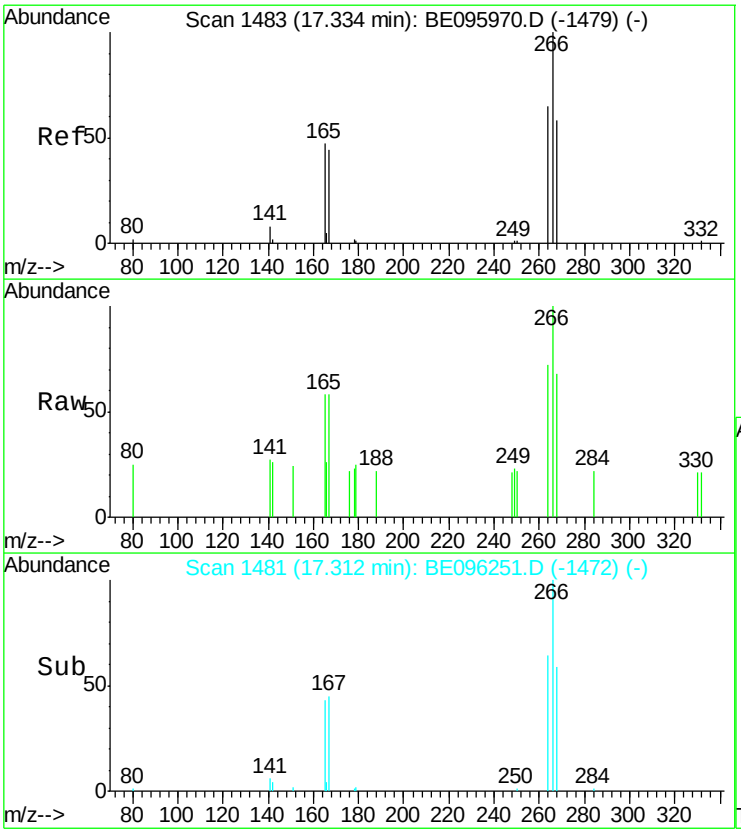
#21
Hexachlorobenzene
Concen: 0.381 ng
RT: 16.96 min Scan# 1451
Delta R.T. -0.01 min
Lab File: BE096251.D
Acq: 1 May 2018 10:45

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:284 Resp: 781

Ion	Ratio	Lower	Upper
284	100		
142	45.8	22.1	33.1#
249	39.2	34.8	52.2

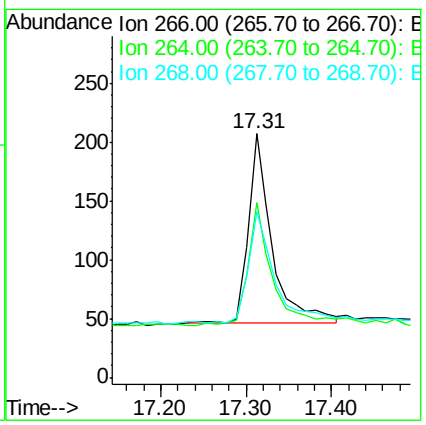


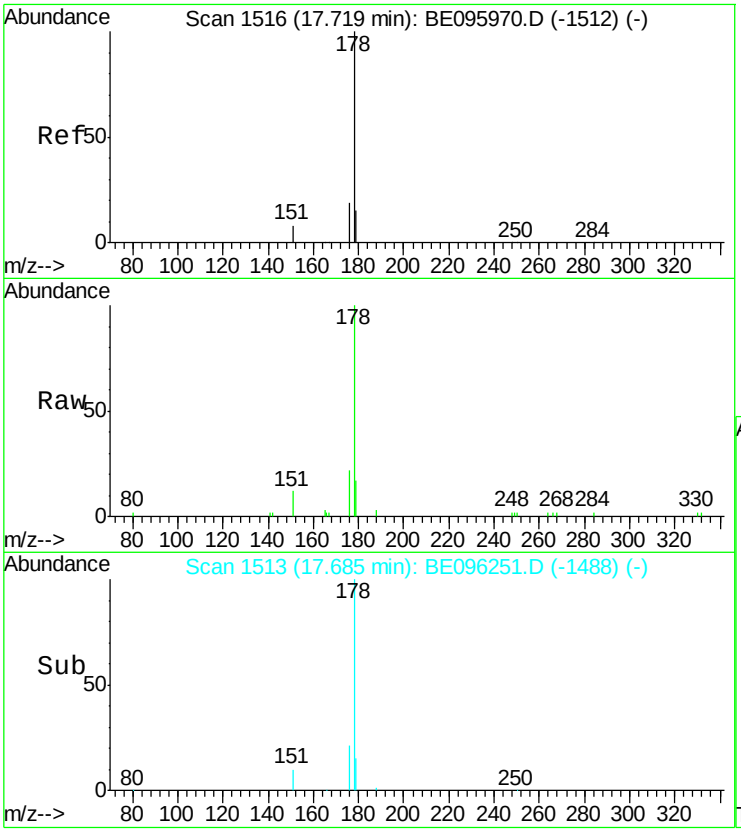


#22
Pentachlorophenol
Concen: 0.466 ng
RT: 17.31 min Scan# 1481
Delta R.T. 0.00 min
Lab File: BE096251.D
Acq: 1 May 2018 10:45

Tgt Ion:266 Resp: 312

Ion	Ratio	Lower	Upper
266	100		
264	72.0	72.5	108.7#
268	68.1	73.8	110.6#



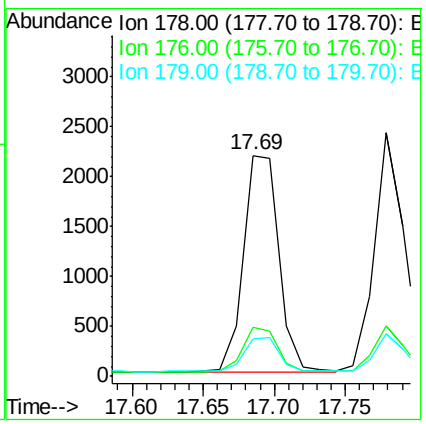


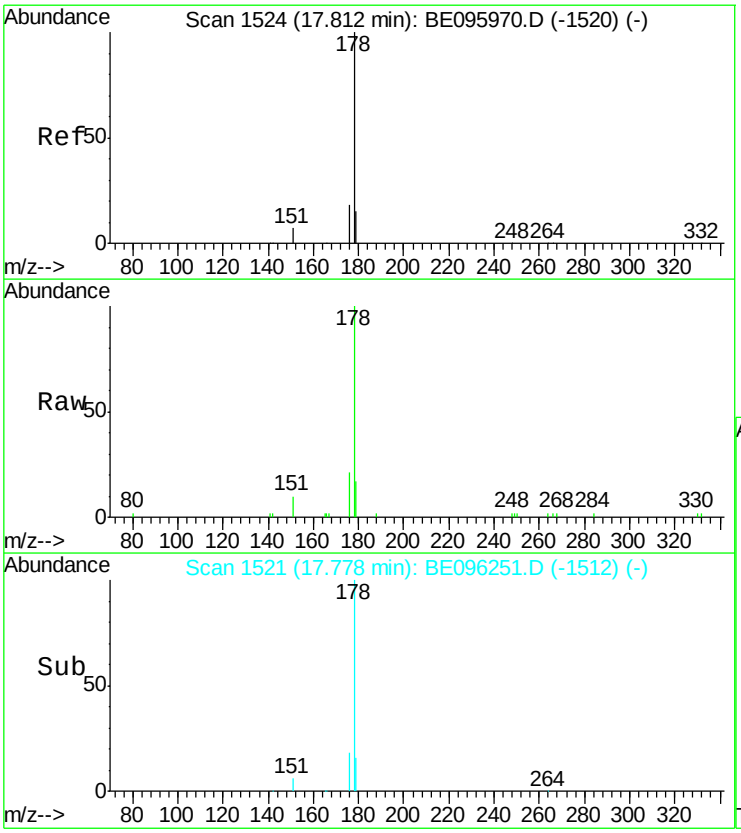
#23
Phenanthrene
Concen: 0.382 ng
RT: 17.69 min Scan# 1513
Delta R.T. -0.01 min
Lab File: BE096251.D
Acq: 1 May 2018 10:45

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:178 Resp: 3712

Ion	Ratio	Lower	Upper
178	100		
176	20.2	15.1	22.7
179	15.3	11.8	17.6

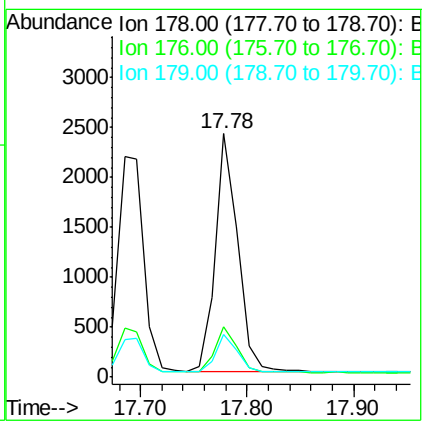


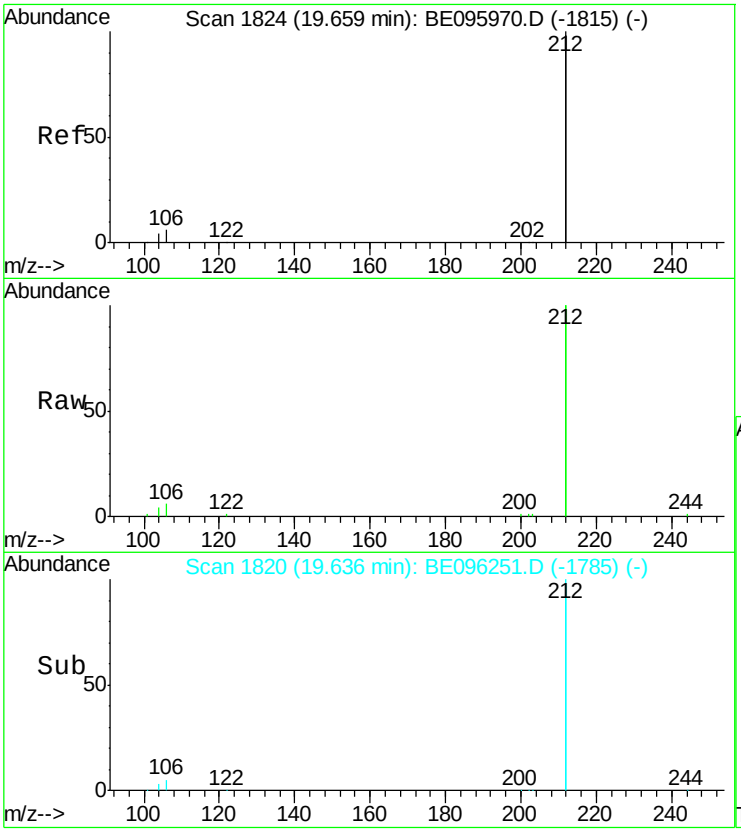


#24
Anthracene
Concen: 0.375 ng
RT: 17.78 min Scan# 1521
Delta R.T. 0.00 min
Lab File: BE096251.D
Acq: 1 May 2018 10:45

Tgt Ion:178 Resp: 3485

Ion	Ratio	Lower	Upper
178	100		
176	19.2	12.8	19.2#
179	15.4	13.0	19.6



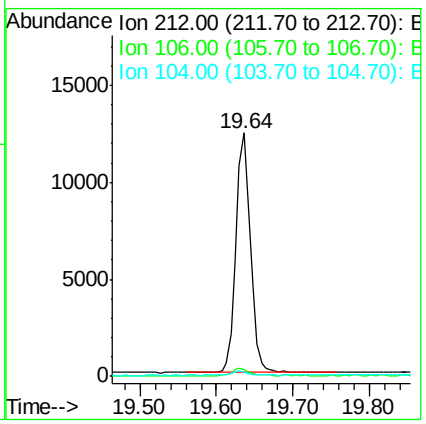


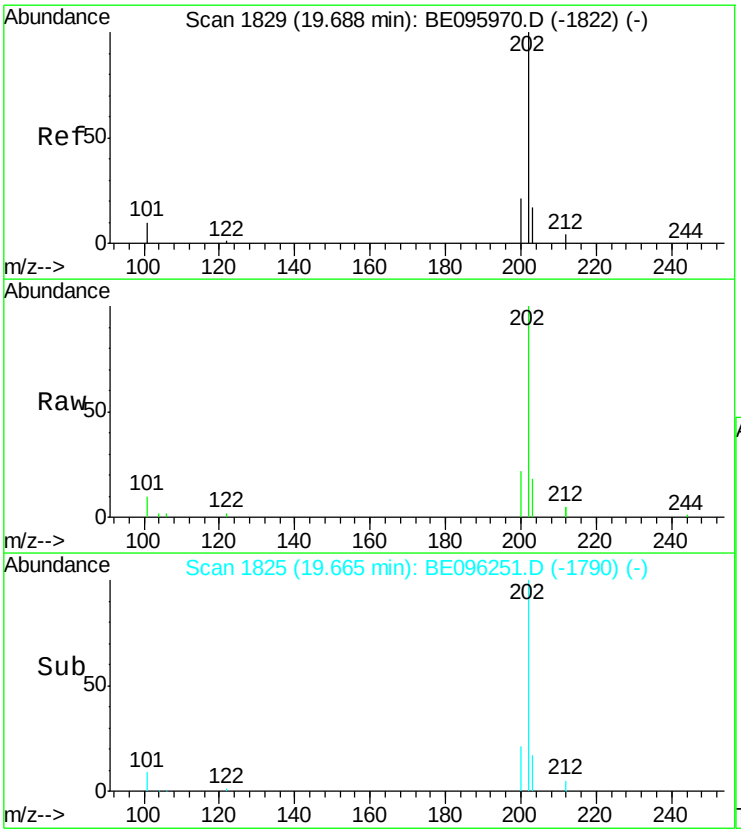
#25
Fluoranthene-d10
Concen: 0.350 ng
RT: 19.64 min Scan# 1820
Delta R.T. -0.00 min
Lab File: BE096251.D
Acq: 1 May 2018 10:45

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:212 Resp: 16452

Ion	Ratio	Lower	Upper
212	100		
106	3.0	2.8	4.2
104	1.9	1.6	2.4

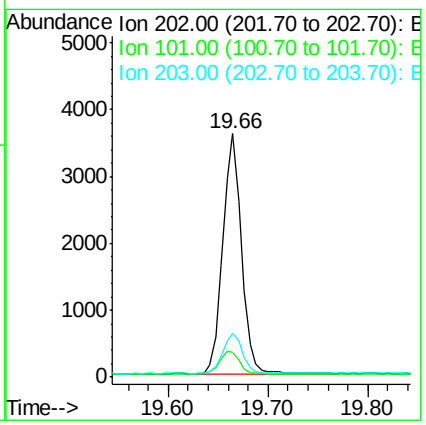


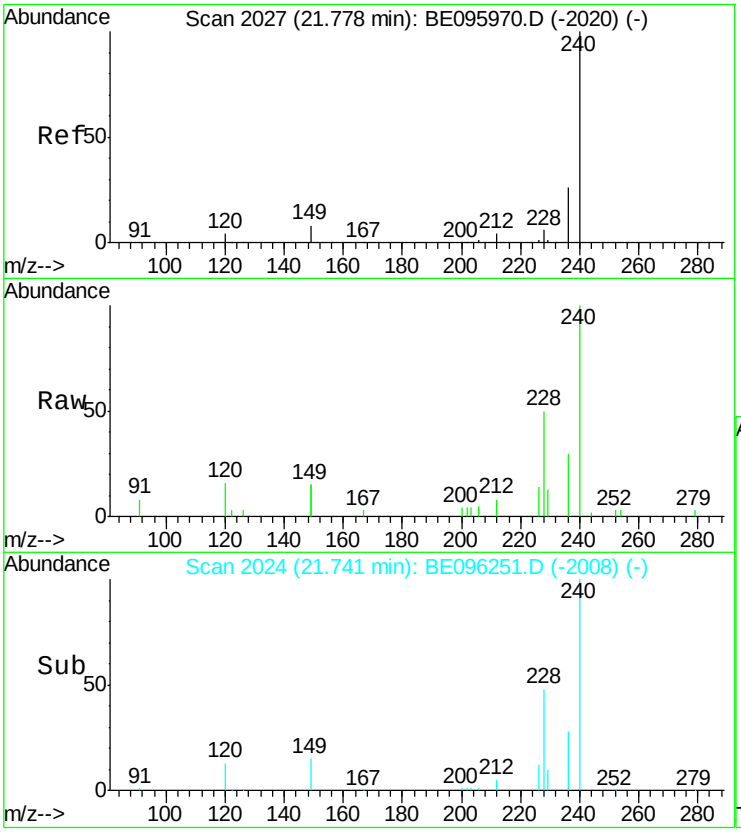


#26
Fluoranthene
Concen: 0.362 ng
RT: 19.66 min Scan# 1825
Delta R.T. -0.00 min
Lab File: BE096251.D
Acq: 1 May 2018 10:45

Tgt Ion:202 Resp: 4629

Ion	Ratio	Lower	Upper
202	100		
101	10.5	9.8	14.8
203	17.3	13.7	20.5



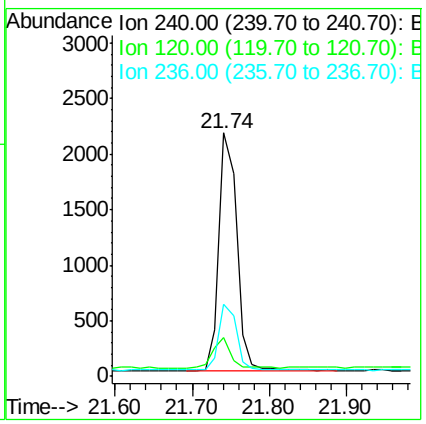


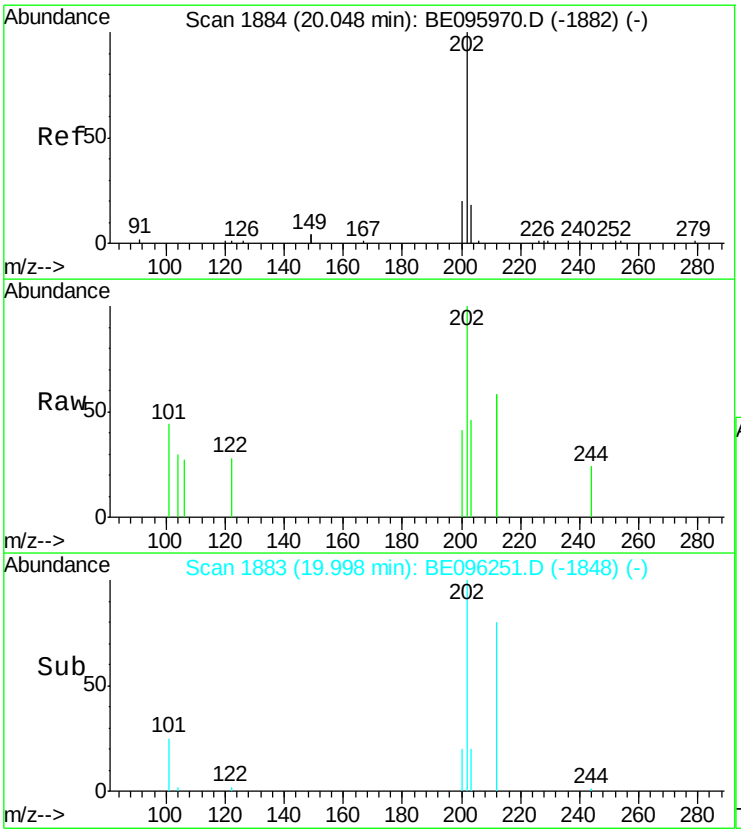
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.74 min Scan# 2024
Delta R.T. -0.00 min
Lab File: BE096251.D
Acq: 1 May 2018 10:45

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:240 Resp: 3477

Ion	Ratio	Lower	Upper
240	100		
120	16.0	5.5	8.3#
236	29.6	20.7	31.1

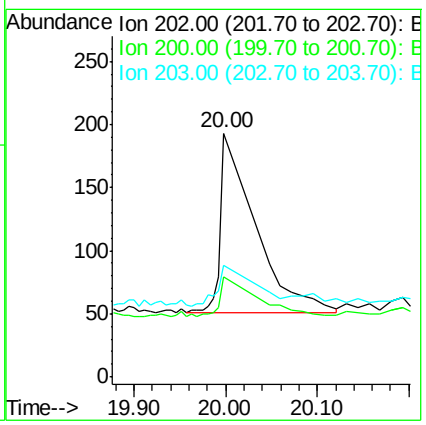


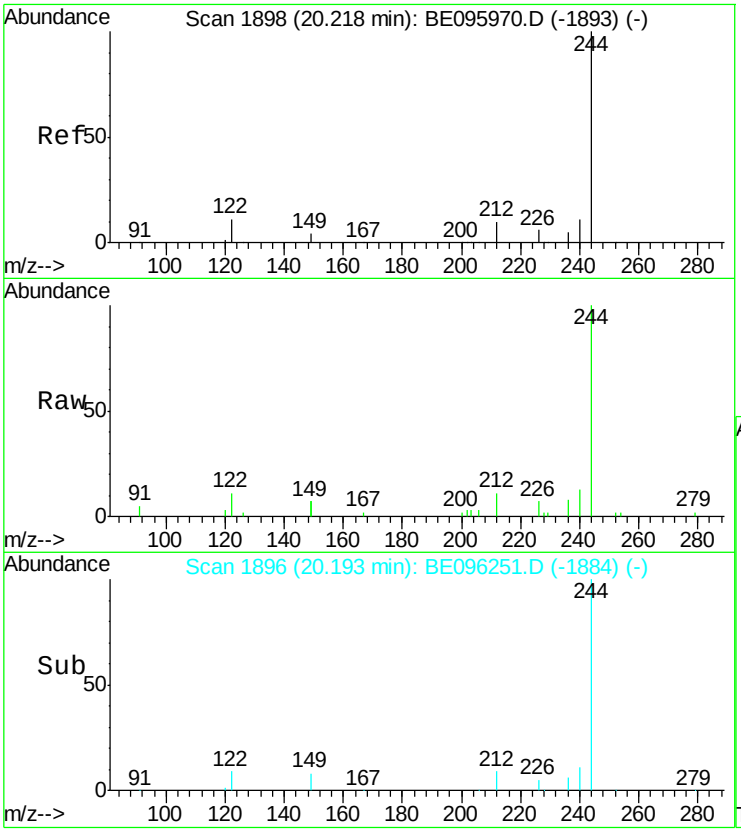


#28
Pyrene
Concen: 0.031 ng
RT: 20.00 min Scan# 1883
Delta R.T. -0.00 min
Lab File: BE096251.D
Acq: 1 May 2018 10:45

Tgt Ion:202 Resp: 209

Ion	Ratio	Lower	Upper
202	100		
200	27.3	16.6	25.0#
203	28.2	13.8	20.8#



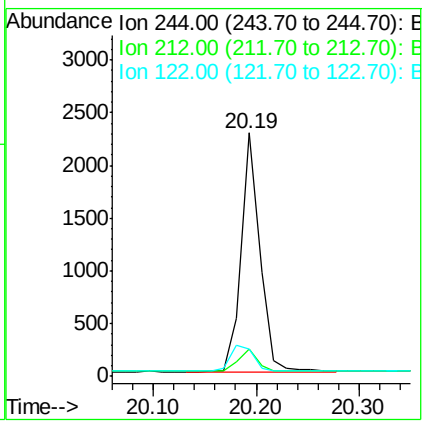


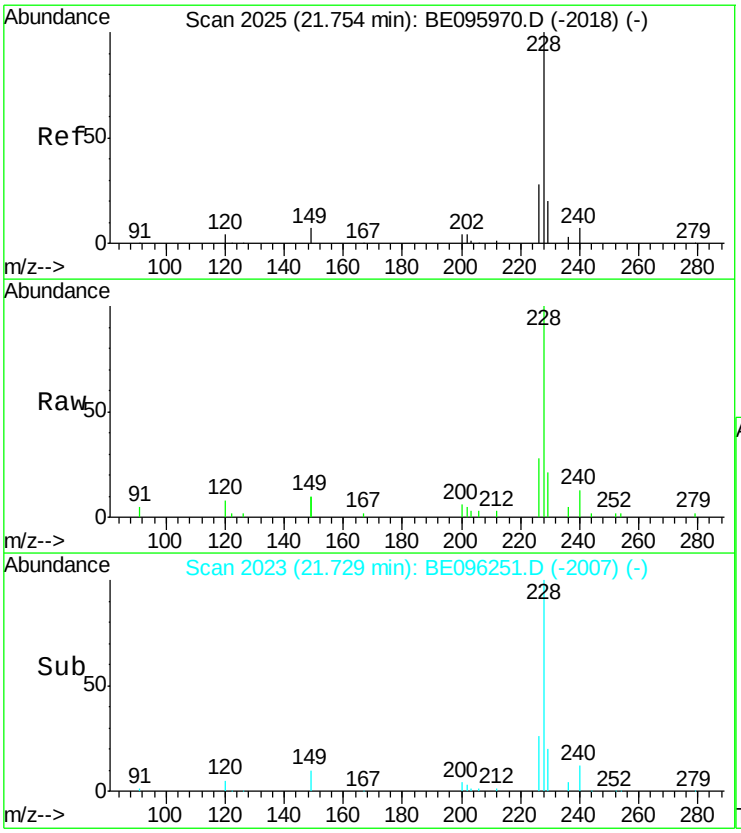
#29
Terphenyl-d14
Concen: 0.370 ng
RT: 20.19 min Scan# 1896
Delta R.T. -0.00 min
Lab File: BE096251.D
Acq: 1 May 2018 10:45

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:244 Resp: 2842

Ion	Ratio	Lower	Upper
244	100		
212	11.1	25.4	38.0#
122	11.0	8.1	12.1

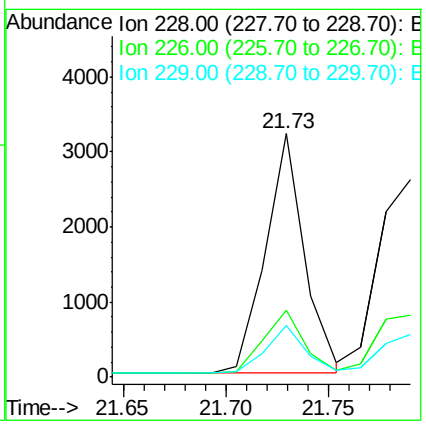


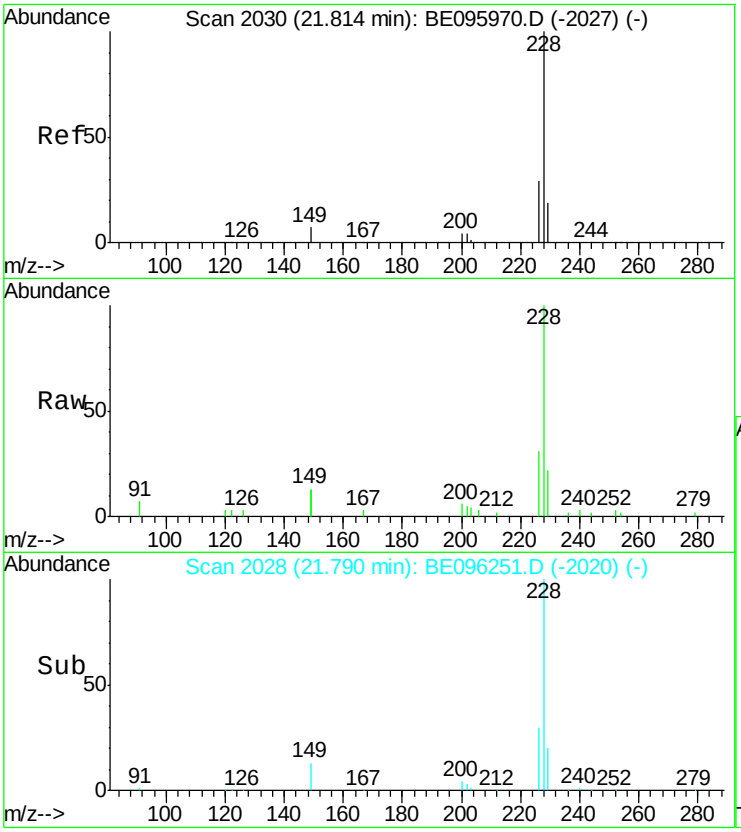


#30
Benzo(a)anthracene
Concen: 0.379 ng
RT: 21.73 min Scan# 2023
Delta R.T. -0.00 min
Lab File: BE096251.D
Acq: 1 May 2018 10:45

Tgt Ion:228 Resp: 4228

Ion	Ratio	Lower	Upper
228	100		
226	27.6	24.0	36.0
229	21.3	16.0	24.0



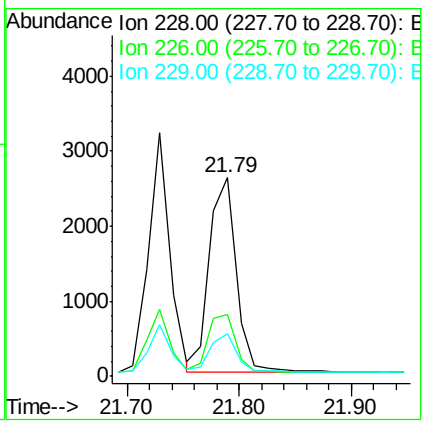


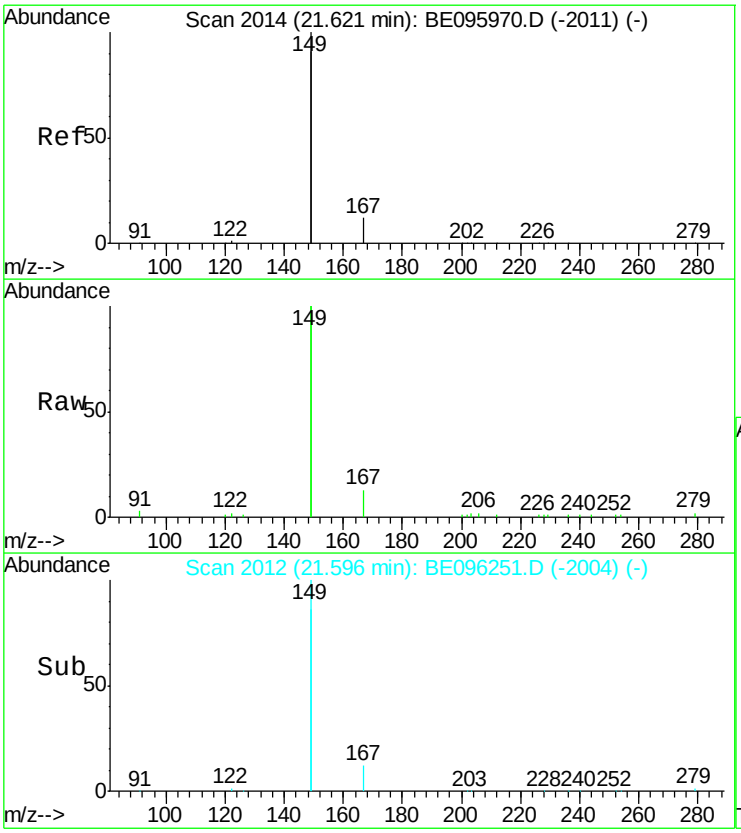
#31
Chrysene
Concen: 0.393 ng
RT: 21.79 min Scan# 2028
Delta R.T. -0.00 min
Lab File: BE096251.D
Acq: 1 May 2018 10:45

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:228 Resp: 4237

Ion	Ratio	Lower	Upper
228	100		
226	31.2	24.0	36.0
229	21.8	16.0	24.0

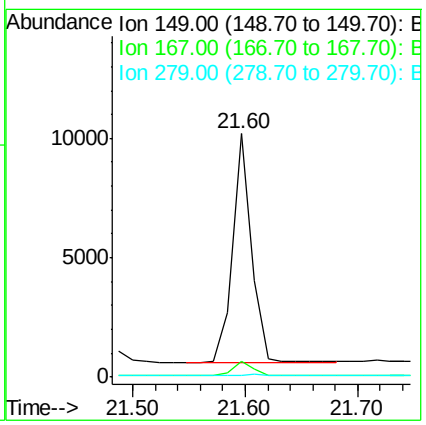


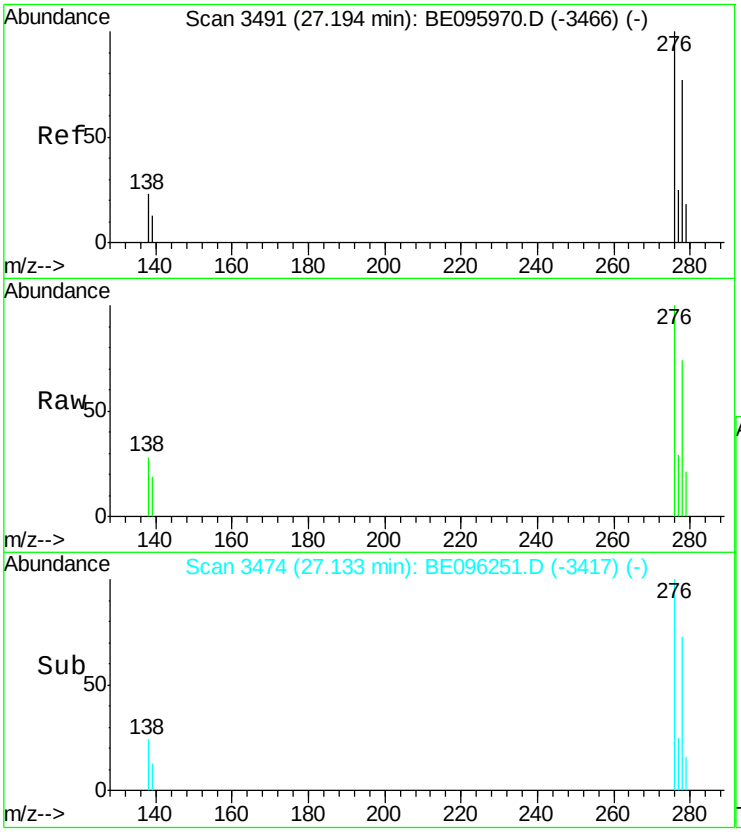


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.390 ng
RT: 21.60 min Scan# 2012
Delta R.T. -0.00 min
Lab File: BE096251.D
Acq: 1 May 2018 10:45

Tgt Ion:149 Resp: 11220

Ion	Ratio	Lower	Upper
149	100		
167	6.5	5.4	8.0
279	0.9	0.7	1.1



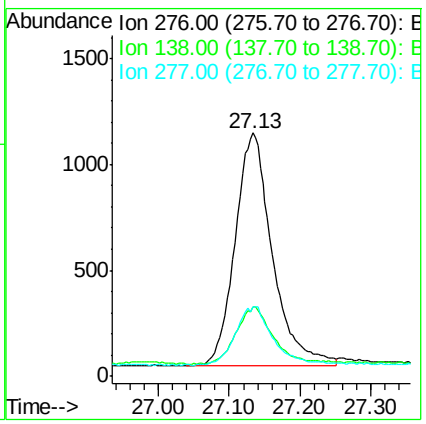


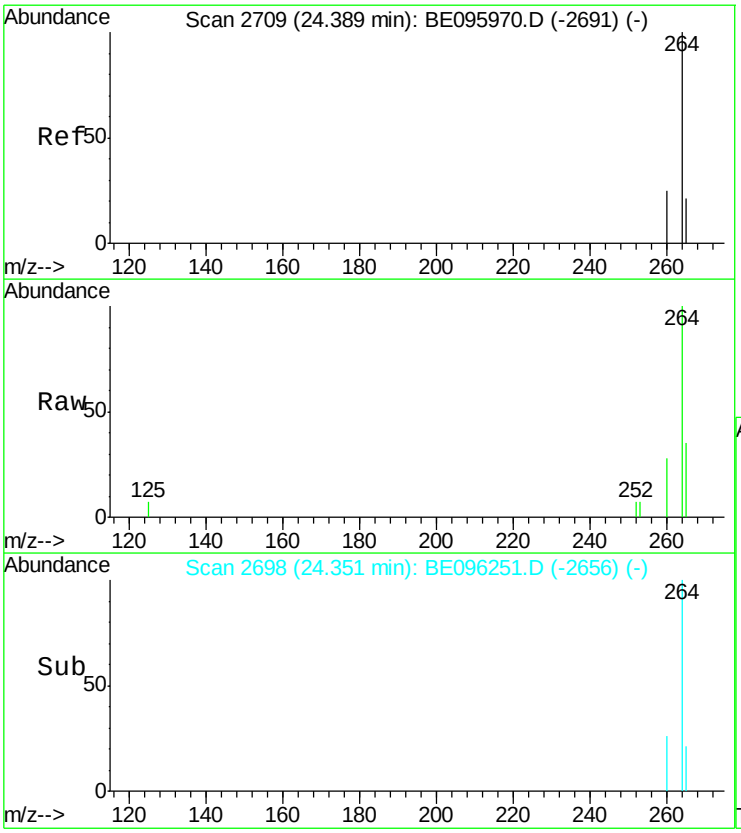
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.389 ng
RT: 27.13 min Scan# 3474
Delta R.T. 0.00 min
Lab File: BE096251.D
Acq: 1 May 2018 10:45

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 4067

Ion	Ratio	Lower	Upper
276	100		
138	24.4	22.5	33.7
277	25.5	19.9	29.9

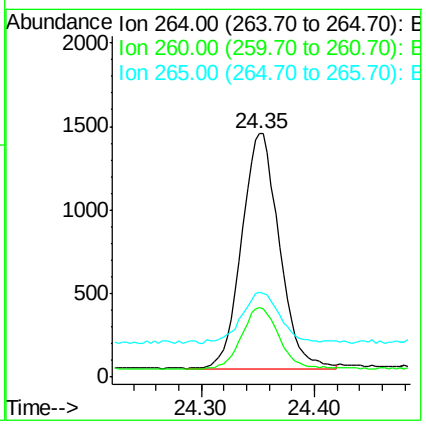


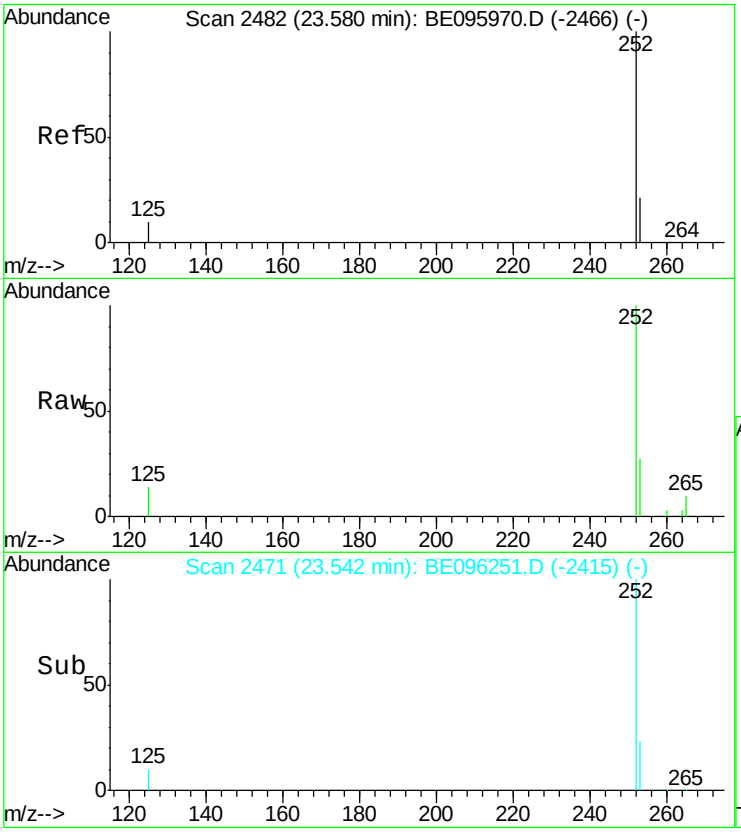


#34
Perylene-d12
Concen: 0.400 ng
RT: 24.35 min Scan# 2698
Delta R.T. -0.00 min
Lab File: BE096251.D
Acq: 1 May 2018 10:45

Tgt Ion:264 Resp: 3248

Ion	Ratio	Lower	Upper
264	100		
260	28.5	20.5	30.7
265	34.9	22.8	34.2#



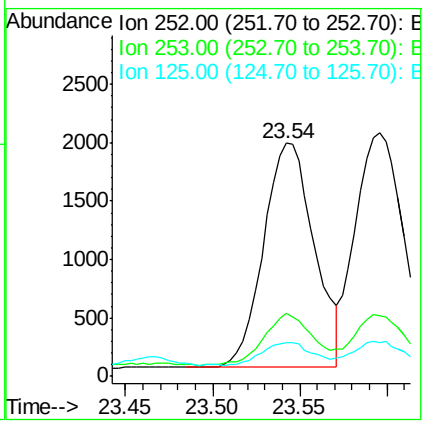


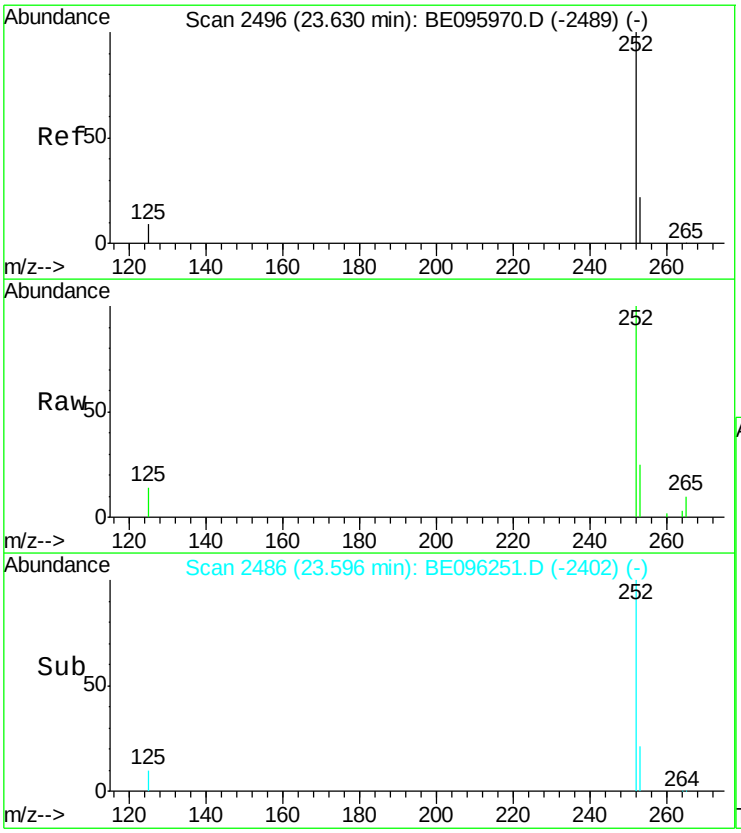
#35
Benzo(b)fluoranthene
Concen: 0.400 ng
RT: 23.54 min Scan# 2471
Delta R.T. -0.00 min
Lab File: BE096251.D
Acq: 1 May 2018 10:45

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 3896

Ion	Ratio	Lower	Upper
252	100		
253	27.0	20.0	30.0
125	14.4	16.0	24.0#

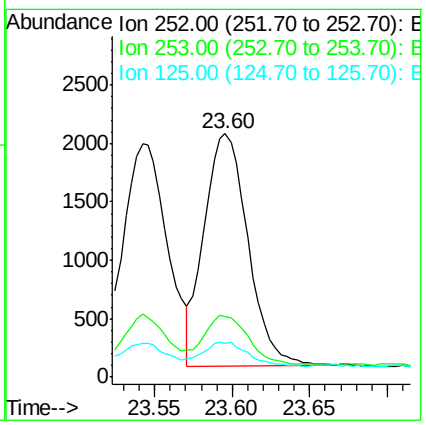


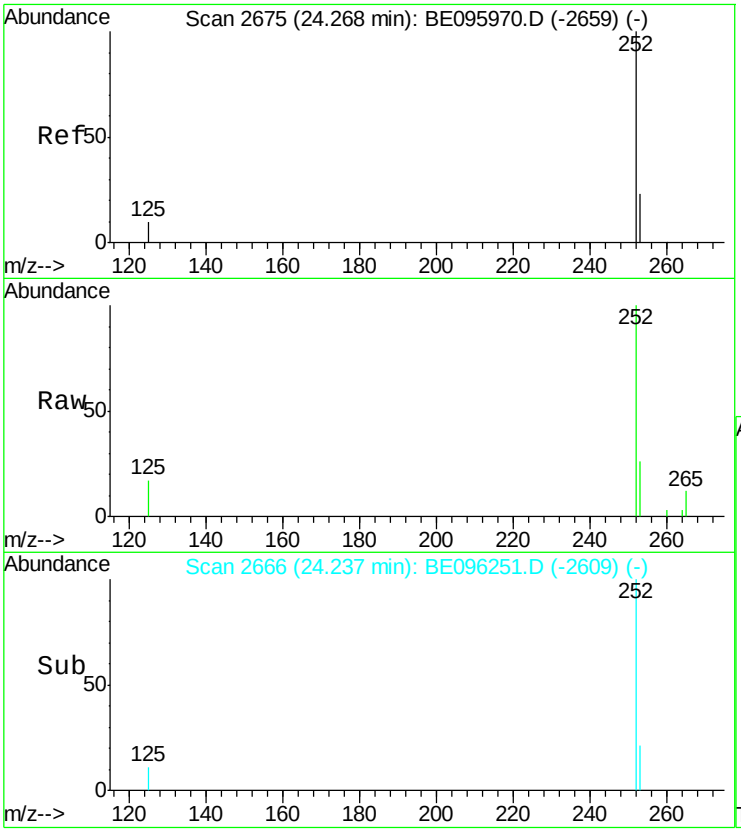


#36
Benzo(k)fluoranthene
Concen: 0.393 ng
RT: 23.60 min Scan# 2486
Delta R.T. -0.00 min
Lab File: BE096251.D
Acq: 1 May 2018 10:45

Tgt Ion:252 Resp: 3935

Ion	Ratio	Lower	Upper
252	100		
253	24.6	16.0	24.0#
125	13.9	8.0	12.0#



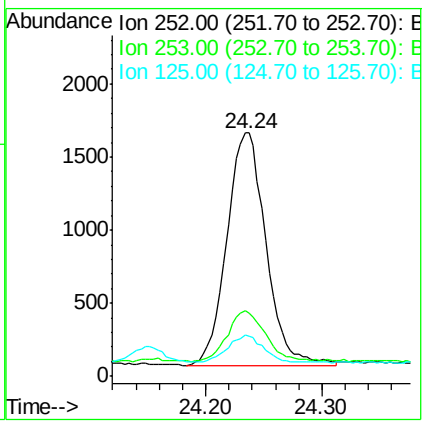


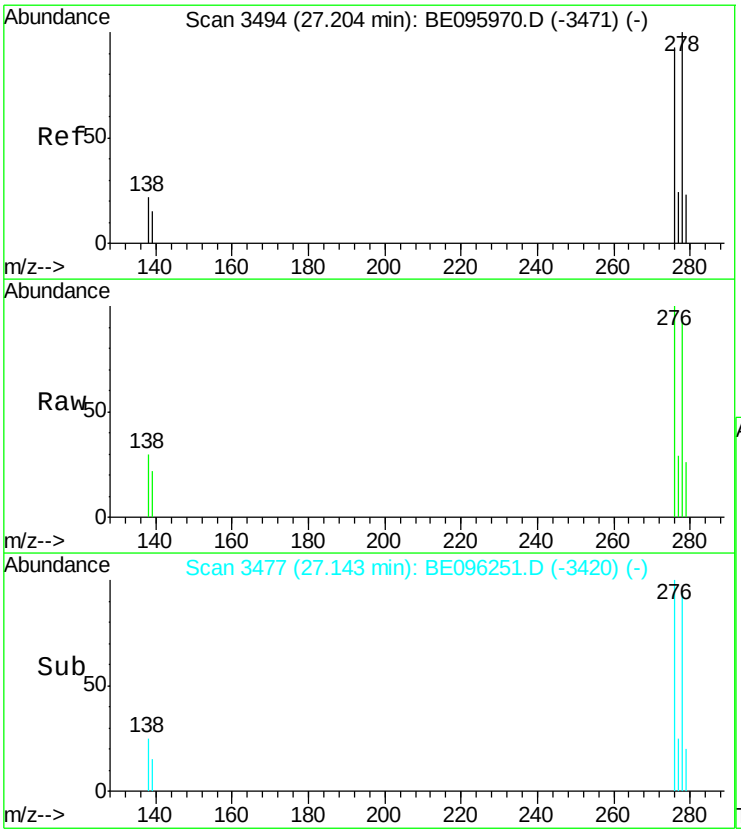
#37
Benzo(a)pyrene
Concen: 0.395 ng
RT: 24.24 min Scan# 2666
Delta R.T. 0.00 min
Lab File: BE096251.D
Acq: 1 May 2018 10:45

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 3696

Ion	Ratio	Lower	Upper
252	100		
253	25.9	16.0	24.0#
125	16.7	12.0	18.0

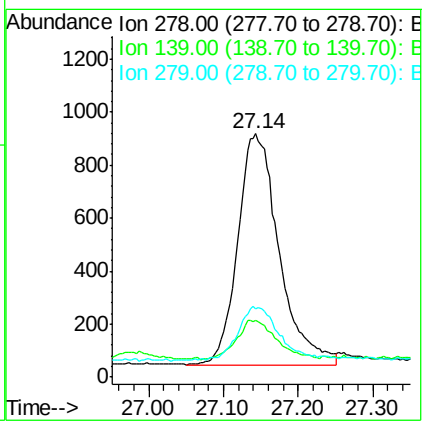


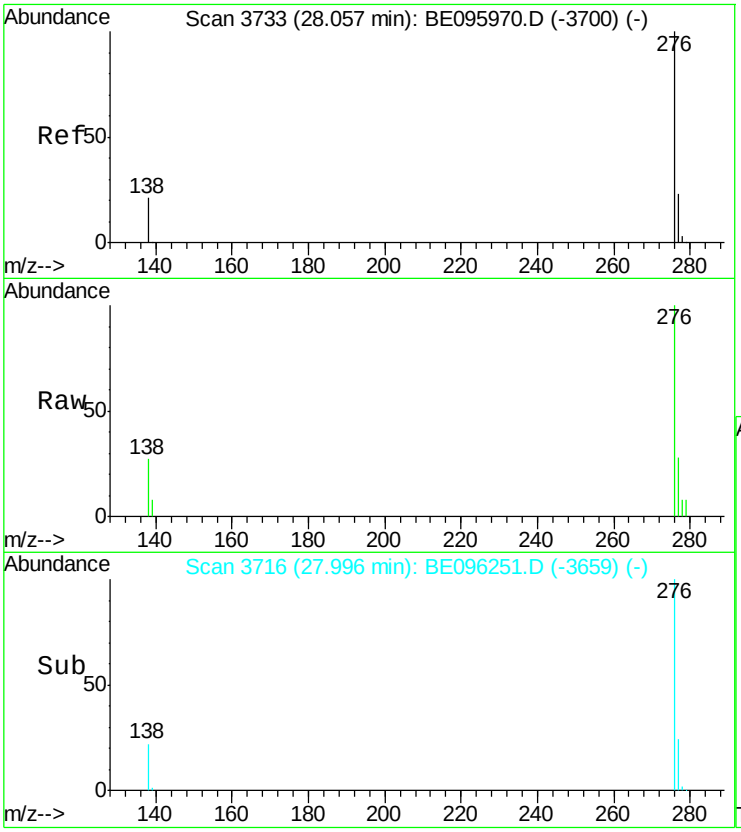


#38
Dibenzo(a,h)anthracene
Concen: 0.406 ng
RT: 27.14 min Scan# 3477
Delta R.T. 0.00 min
Lab File: BE096251.D
Acq: 1 May 2018 10:45

Tgt Ion:278 Resp: 3348

Ion	Ratio	Lower	Upper
278	100		
139	23.2	16.0	24.0
279	27.9	20.0	30.0





#39
Benzo(g,h,i)perylene
Concen: 0.391 ng
RT: 28.00 min Scan# 3716
Delta R.T. 0.00 min
Lab File: BE096251.D
Acq: 1 May 2018 10:45

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 3417

Ion	Ratio	Lower	Upper
276	100		
277	27.9	16.0	24.0#
138	27.2	20.0	30.0