Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE062018\
Data File : BE096829.D
Acq On : 20 Jun 2018 10:59
Operator : SJ/JU
Sample : SSTDICCC0.4
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId :

Quant Time: Jun 20 11:47:21 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE062018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 20 11:46:39 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.40	152	2639	0.40	ng		0.00
7) Naphthalene-d8	10.16	136	12656	0.40	ng		0.00
13) Acenaphthene-d10	14.03	164	7054	0.40	ng		0.00
19) Phenanthrene-d10	16.78	188	18674	0.40	ng		0.00
27) Chrysene-d12	20.98	240	15944	0.40	ng		0.00
34) Perylene-d12	23.22	264	12396	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.05	112	2185	0.38	ng		0.00
5) Phenol-d6	6.60	99	3241	0.37	ng		0.00
8) Nitrobenzene-d5	8.53	82	2853	0.41	ng		0.00
11) 2-Methylnaphthalene-d10	11.74	152	7267	0.36	ng		0.00
14) 2,4,6-Tribromophenol	15.52	330	571	0.39	ng		0.00
15) 2-Fluorobiphenyl	12.64	172	10467	0.36	ng		0.00
25) Fluoranthene-d10	18.81	212	62874	0.34	ng		0.00
29) Terphenyl-d14	19.43	244	12072	0.33	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.09	88	1647	0.386	ng	#	88
3) n-Nitrosodimethylamine	3.38	42	1613	0.358	ng	#	87
6) bis(2-Chloroethyl)ether	6.85	93	3729	0.366	ng		96
9) Naphthalene	10.20	128	45540	0.366	ng		100
10) Hexachlorobutadiene	10.50	225	1894	0.365	ng		99
12) 2-Methylnaphthalene	11.81	142	7546	0.362	ng		98
16) Acenaphthylene	13.74	152	11917	0.358	ng		100
17) Acenaphthene	14.08	154	8185	0.366	ng		93
18) Fluorene	15.08	166	9257	0.350	ng	#	80
20) 4-Bromophenyl-phenylether	15.99	248	3335	0.366	ng	#	81
21) Hexachlorobenzene	16.09	284	3964	0.371	ng	#	79
22) Pentachlorophenol	16.43	266	550	0.331	ng	#	77
23) Phenanthrene	16.81	178	18269	0.360	ng		99
24) Anthracene	16.91	178	14464	0.347	ng	#	95
26) Fluoranthene	18.84	202	18803	0.350	ng		99
28) Pyrene	19.21	202	18126	0.346	ng		99
30) Benzo(a)anthracene	20.97	228	12919	0.334	ng		96
31) Chrysene	21.01	228	17239	0.354	ng		100
32) Bis(2-ethylhexyl)phthalate	20.93	149	11323	0.390	ng		100
33) Indeno(1,2,3-cd)pyrene	25.51	276	12000	0.328	ng		96
35) Benzo(b)fluoranthene	22.54	252	12843	0.377	ng	#	88
36) Benzo(k)fluoranthene	22.59	252	14300	0.353	ng		94
37) Benzo(a)pyrene	23.12	252	10144	0.343	ng		93
38) Dibenzo(a,h)anthracene	25.54	278	10044	0.354	ng		96
39) Benzo(g,h,i)perylene	26.21	276	11175	0.356	ng	#	92

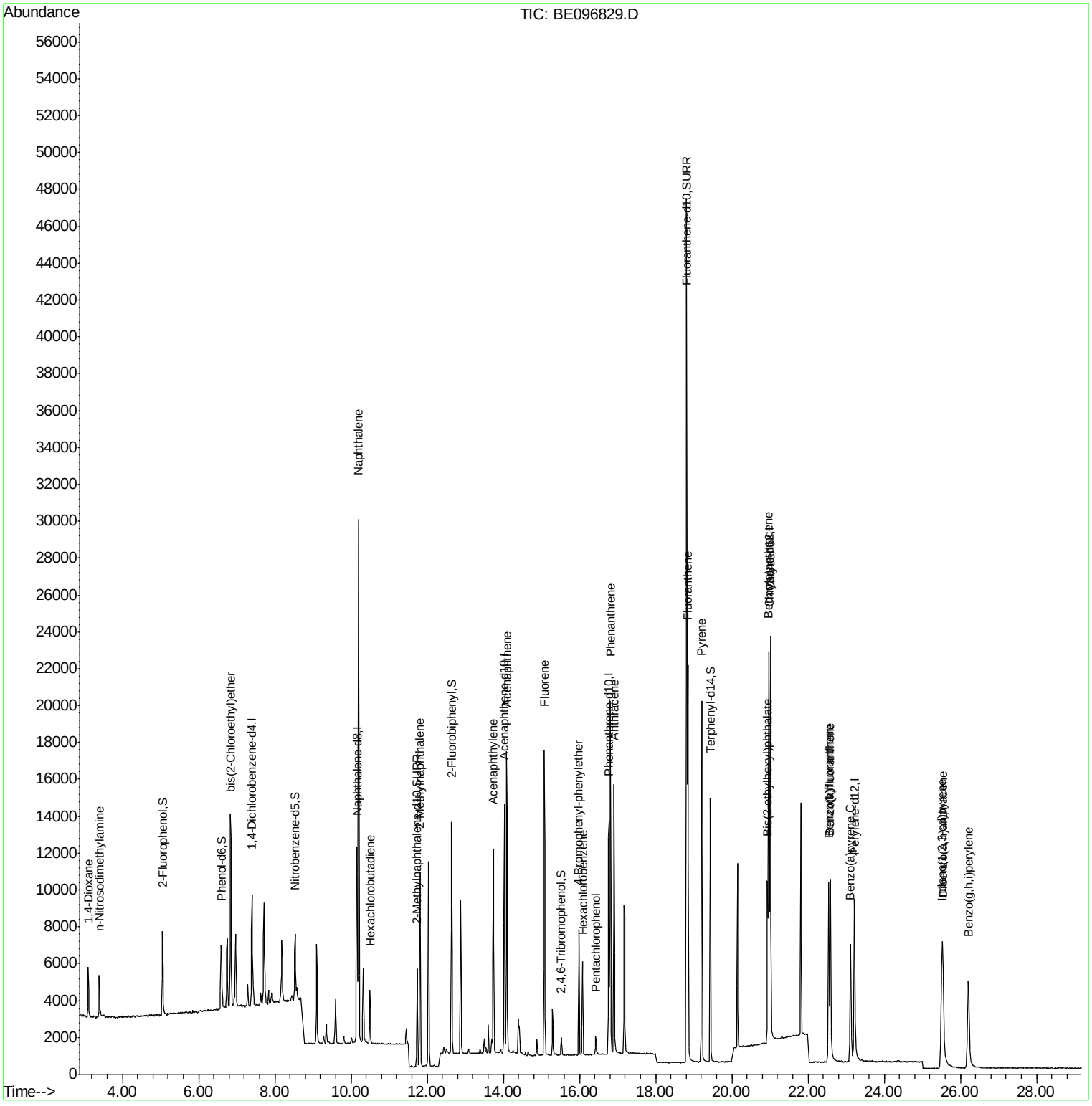
(#) = qualifier out of range (m) = manual integration (+) = signals summed

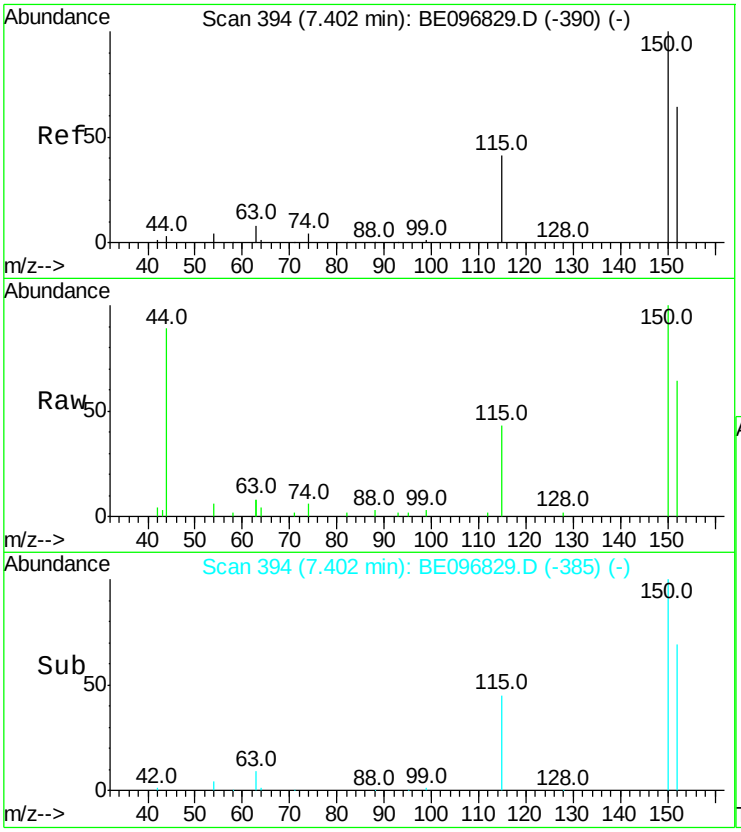
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE062018\
Data File : BE096829.D
Acq On : 20 Jun 2018 10:59
Operator : SJ/JU
Sample : SSTDICCC0.4
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :

Quant Time: Jun 20 11:47:21 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE062018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 20 11:46:39 2018
Response via : Initial Calibration



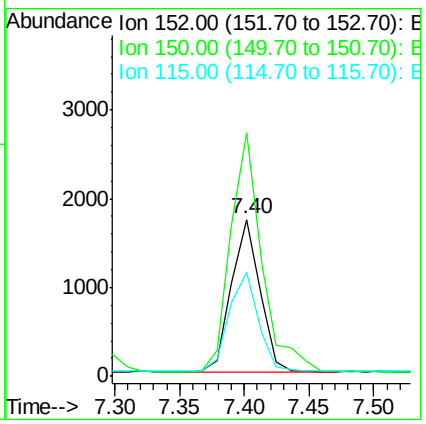


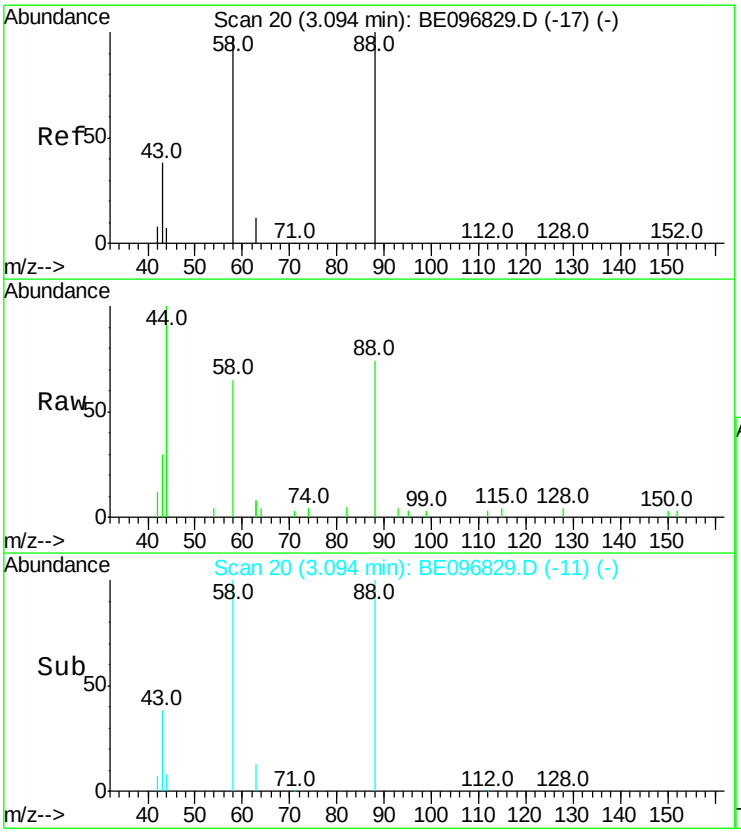
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.40 min Scan# 394
Delta R.T. 0.00 min
Lab File: BE096829.D
Acq: 20 Jun 2018 10:59

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 2639

Ion	Ratio	Lower	Upper
152	100		
150	155.3	117.2	175.8
115	66.3	57.0	85.6

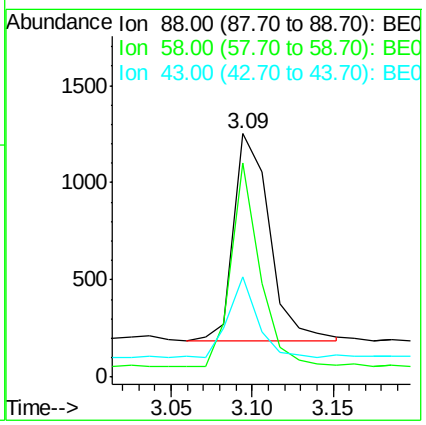


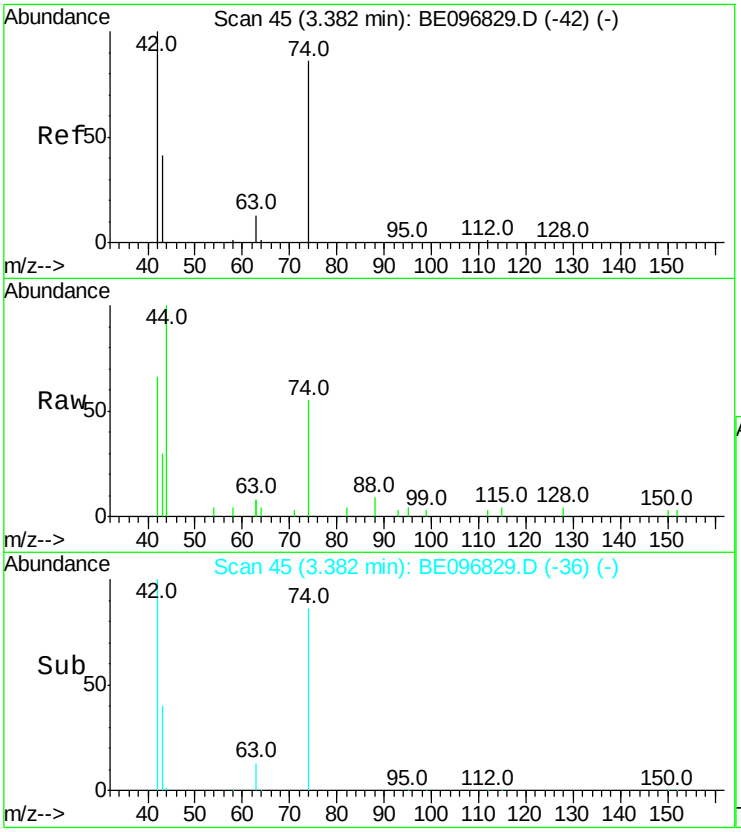


#2
1,4-Dioxane
Concen: 0.386 ng
RT: 3.09 min Scan# 20
Delta R.T. 0.00 min
Lab File: BE096829.D
Acq: 20 Jun 2018 10:59

Tgt Ion: 88 Resp: 1647

Ion	Ratio	Lower	Upper
88	100		
58	78.1	63.2	94.8
43	30.5	41.2	61.8#



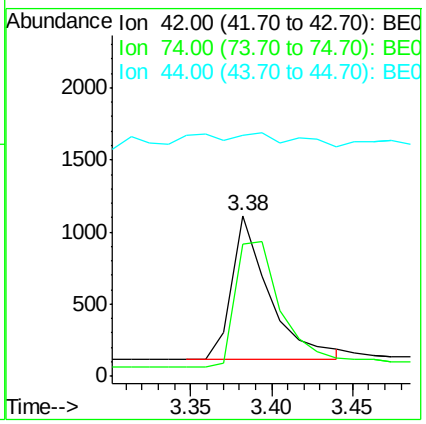


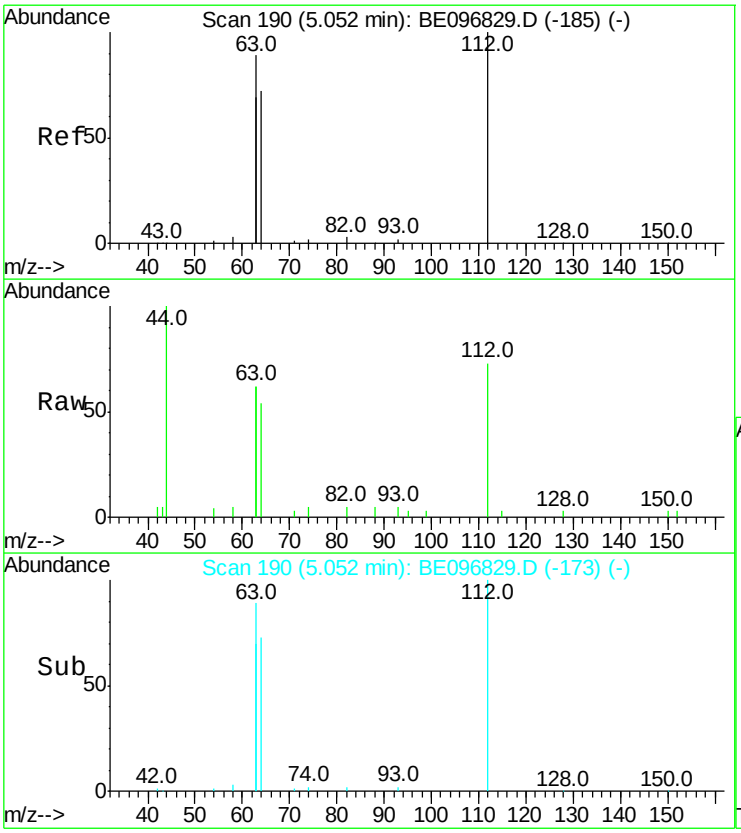
#3
n-Nitrosodimethylamine
Concen: 0.358 ng
RT: 3.38 min Scan# 45
Delta R.T. 0.00 min
Lab File: BE096829.D
Acq: 20 Jun 2018 10:59

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 42 Resp: 1613

Ion	Ratio	Lower	Upper
42	100		
74	108.4	96.0	144.0
44	0.0	12.0	18.0#

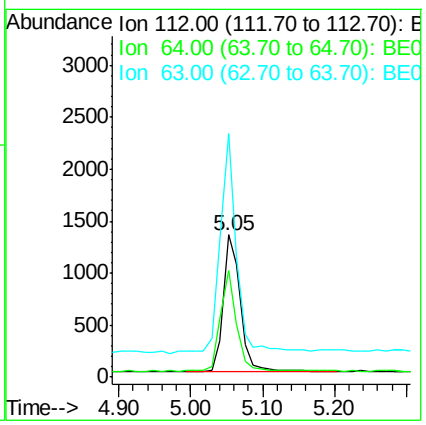


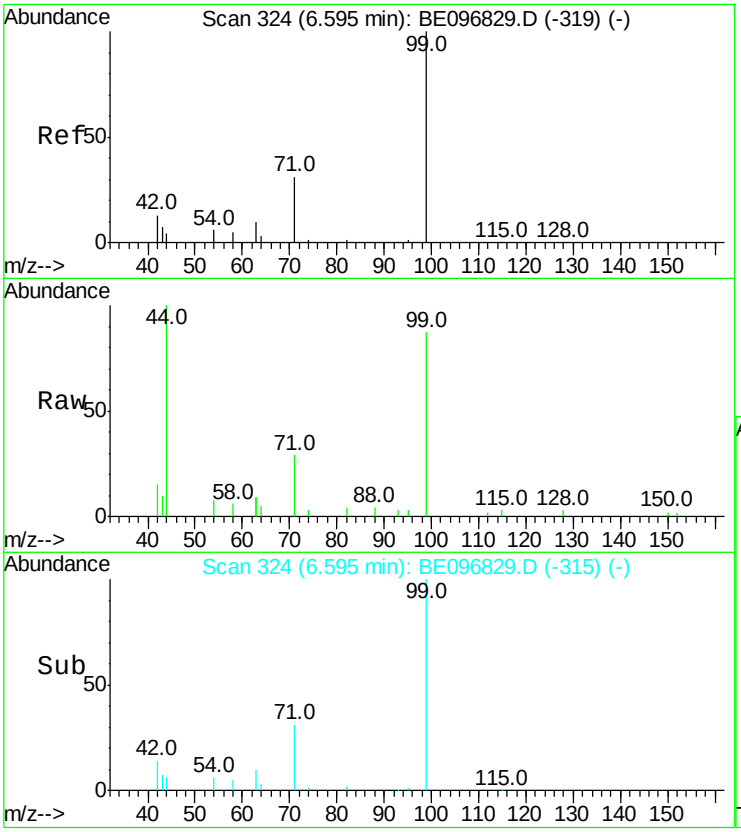


#4
2-Fluorophenol
Concen: 0.379 ng
RT: 5.05 min Scan# 190
Delta R.T. 0.00 min
Lab File: BE096829.D
Acq: 20 Jun 2018 10:59

Tgt Ion:112 Resp: 2185

Ion	Ratio	Lower	Upper
112	100		
64	69.1	60.1	90.1
63	152.3	116.8	175.2



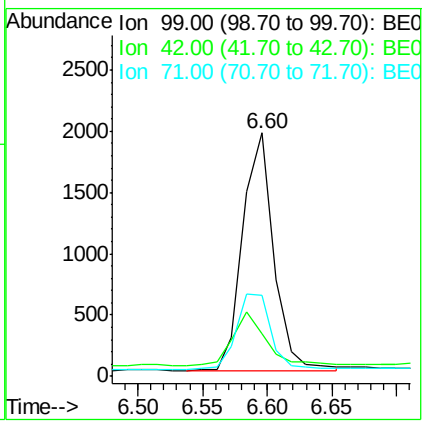


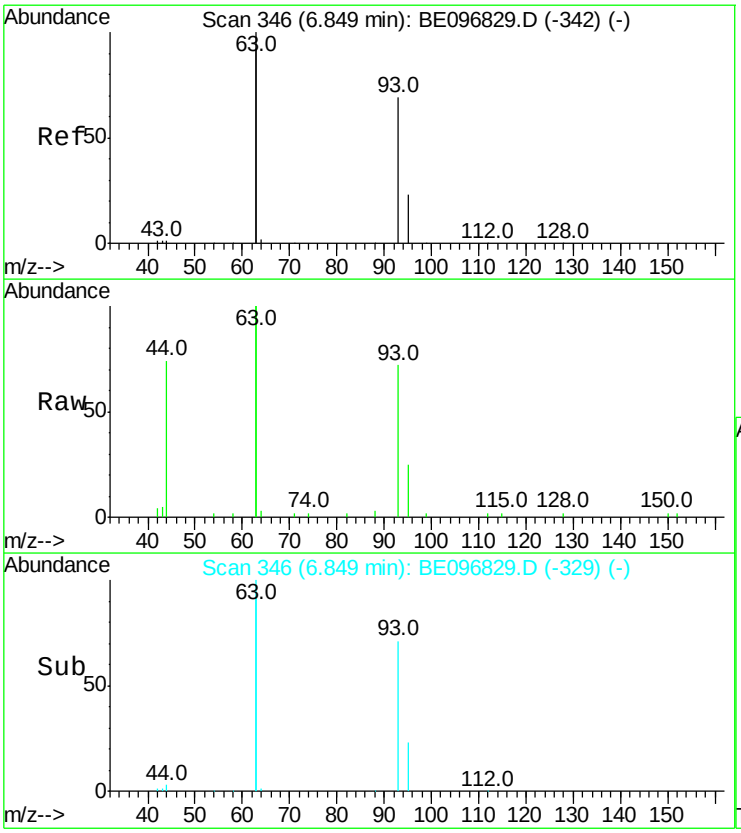
#5
Phenol-d6
Concen: 0.375 ng
RT: 6.60 min Scan# 324
Delta R.T. 0.00 min
Lab File: BE096829.D
Acq: 20 Jun 2018 10:59

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 99 Resp: 3241

Ion	Ratio	Lower	Upper
99	100		
42	24.1	20.2	30.2
71	35.1	28.4	42.6

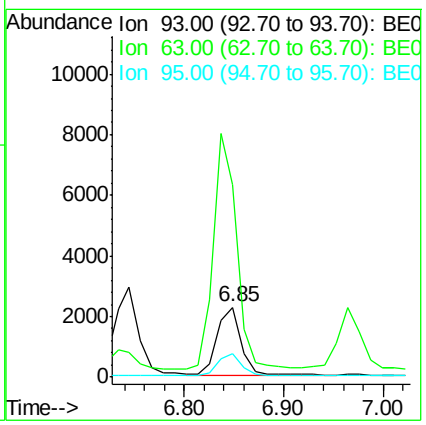


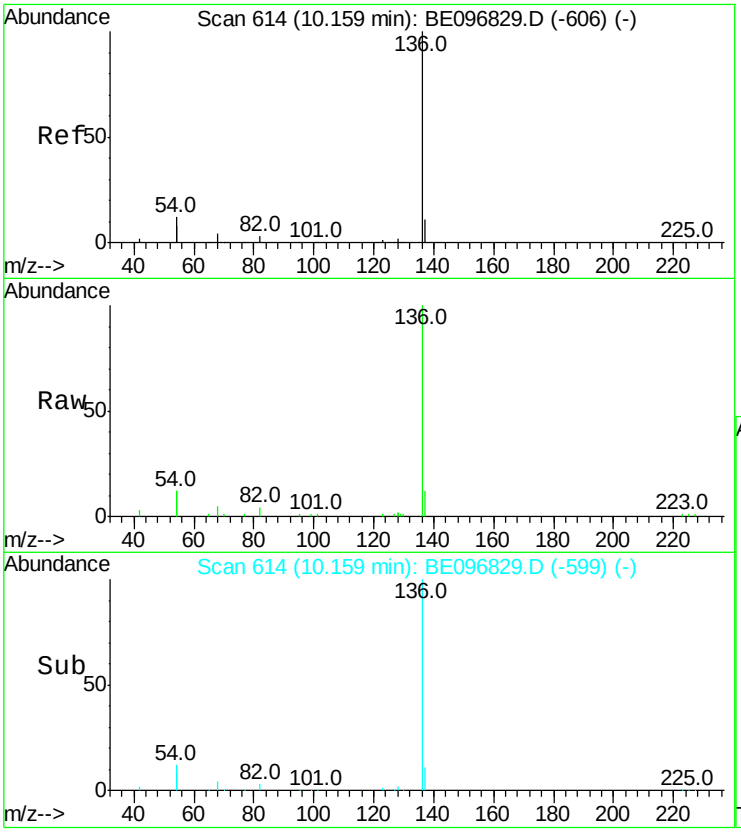


#6
bis(2-Chloroethyl)ether
Concen: 0.366 ng
RT: 6.85 min Scan# 346
Delta R.T. 0.00 min
Lab File: BE096829.D
Acq: 20 Jun 2018 10:59

Tgt Ion: 93 Resp: 3729

Ion	Ratio	Lower	Upper
93	100		
63	335.0	275.3	412.9
95	30.9	25.2	37.8



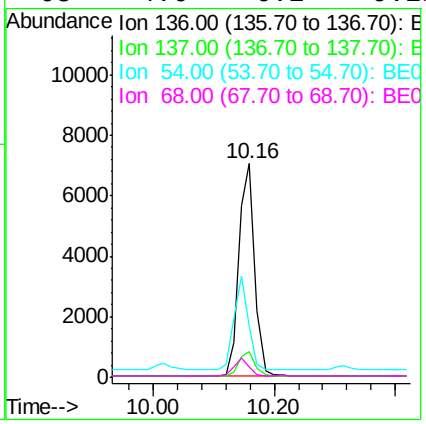


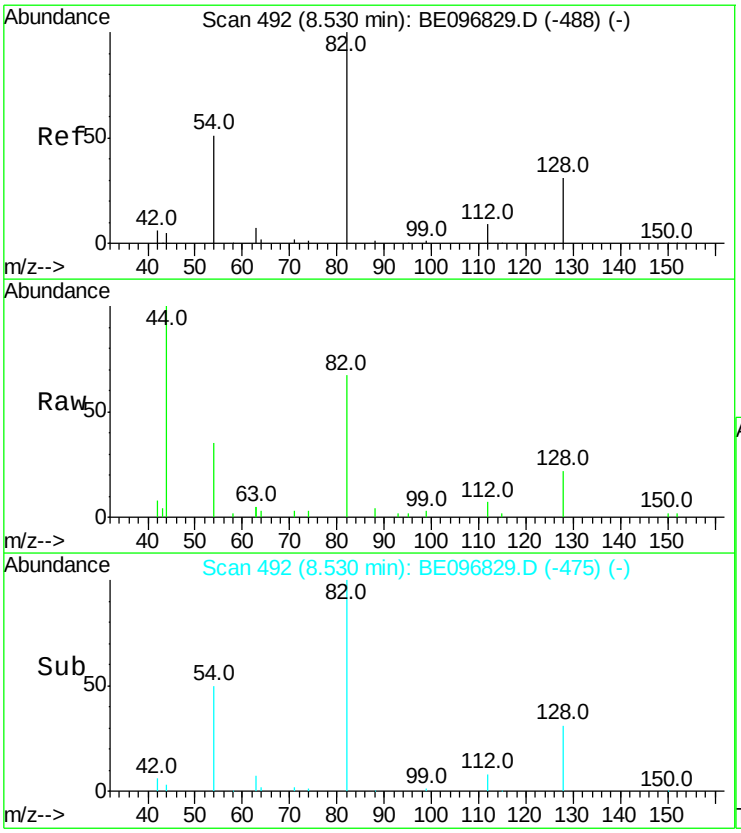
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.16 min Scan# 614
Delta R.T. 0.00 min
Lab File: BE096829.D
Acq: 20 Jun 2018 10:59

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:136 Resp: 12656

Ion	Ratio	Lower	Upper
136	100		
137	12.0	9.5	14.3
54	23.9	29.1	43.7#
68	4.6	6.2	9.2#

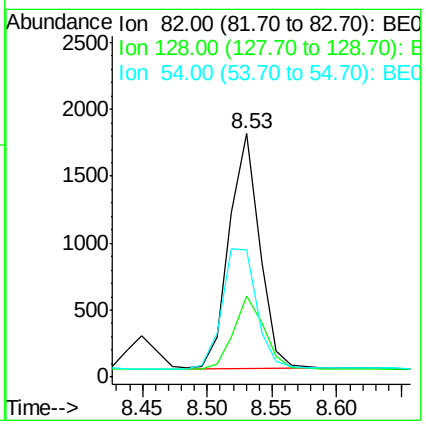


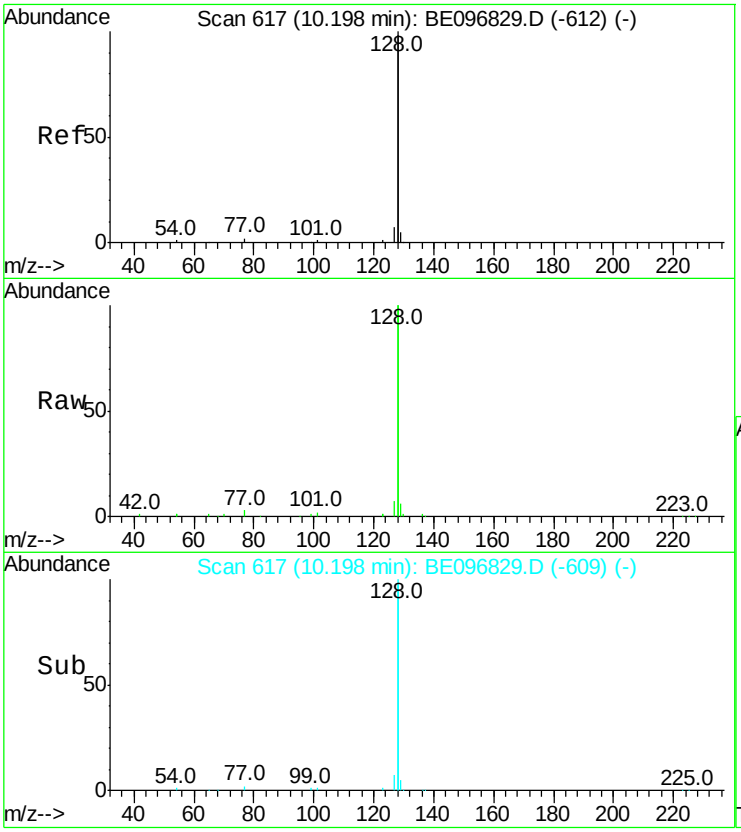


#8
Nitrobenzene-d5
Concen: 0.405 ng
RT: 8.53 min Scan# 492
Delta R.T. 0.00 min
Lab File: BE096829.D
Acq: 20 Jun 2018 10:59

Tgt Ion: 82 Resp: 2853

Ion	Ratio	Lower	Upper
82	100		
128	33.2	24.0	36.0
54	52.1	40.0	60.0



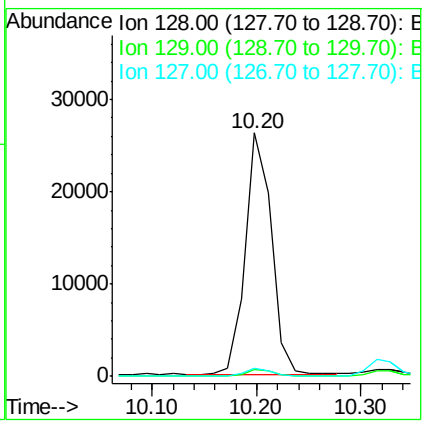


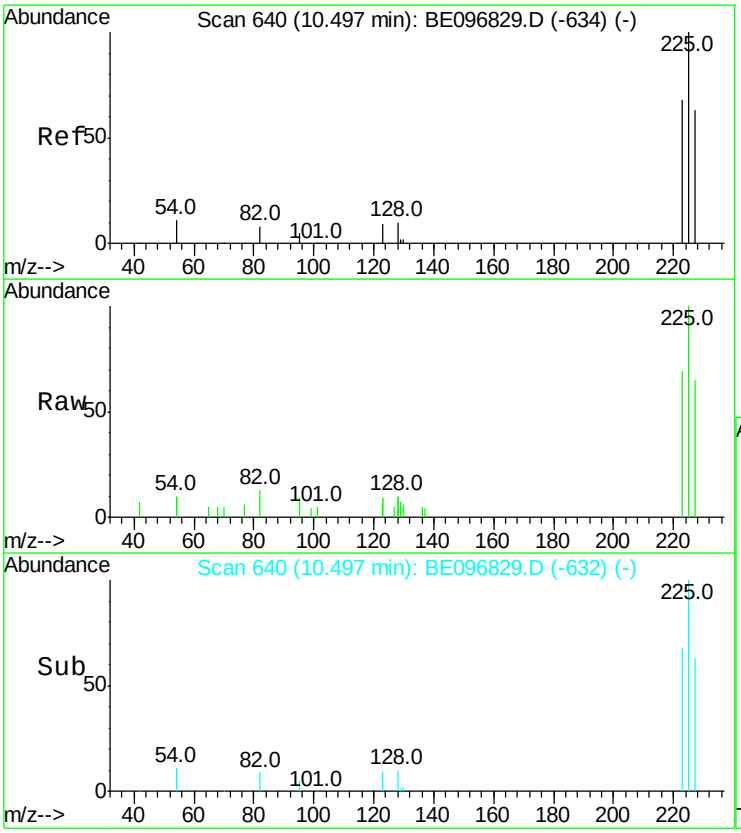
#9
Naphthalene
Concen: 0.366 ng
RT: 10.20 min Scan# 617
Delta R.T. 0.00 min
Lab File: BE096829.D
Acq: 20 Jun 2018 10:59

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:128 Resp: 45540

Ion	Ratio	Lower	Upper
128	100		
129	2.9	2.6	3.8
127	3.5	2.8	4.2

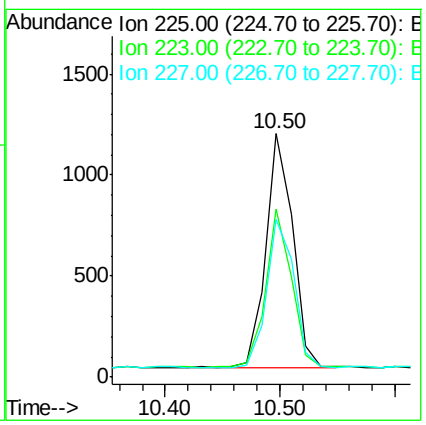


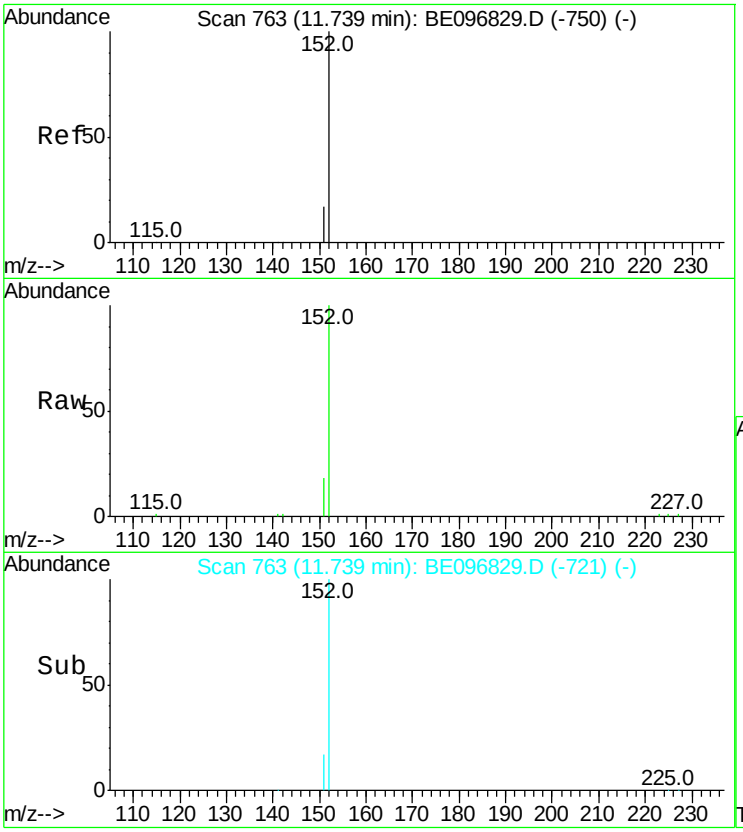


#10
Hexachlorobutadiene
Concen: 0.365 ng
RT: 10.50 min Scan# 640
Delta R.T. 0.00 min
Lab File: BE096829.D
Acq: 20 Jun 2018 10:59

Tgt Ion:225 Resp: 1894

Ion	Ratio	Lower	Upper
225	100		
223	65.0	53.0	79.6
227	64.9	51.4	77.2



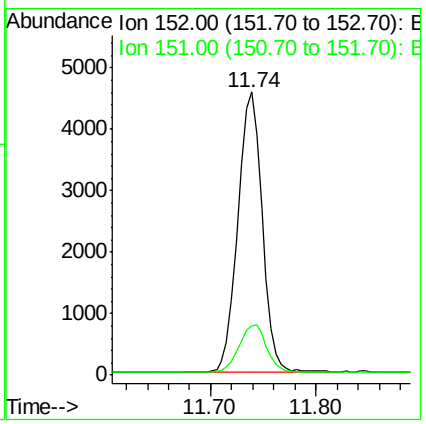


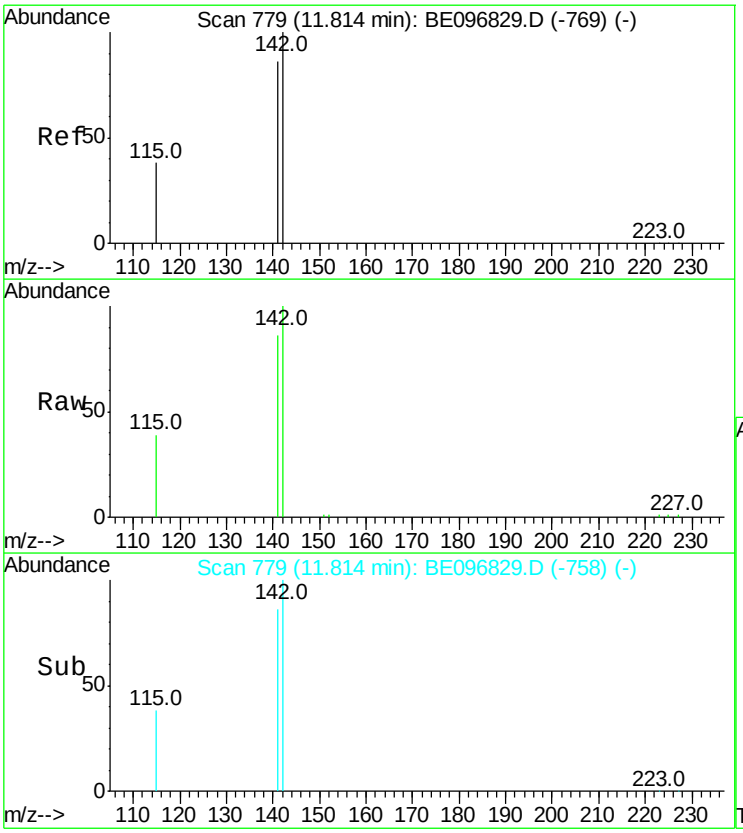
#11
2-Methylnaphthalene-d10
Concen: 0.360 ng
RT: 11.74 min Scan# 763
Delta R.T. 0.00 min
Lab File: BE096829.D
Acq: 20 Jun 2018 10:59

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 7267

Ion	Ratio	Lower	Upper
152	100		
151	19.4	15.4	23.0

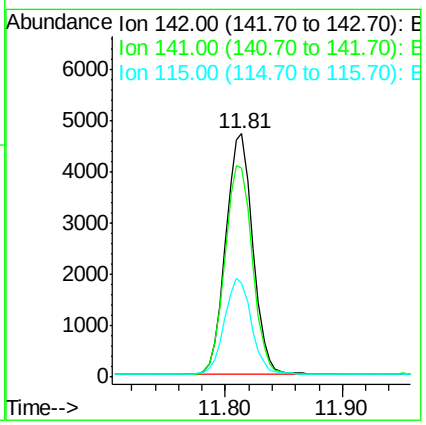


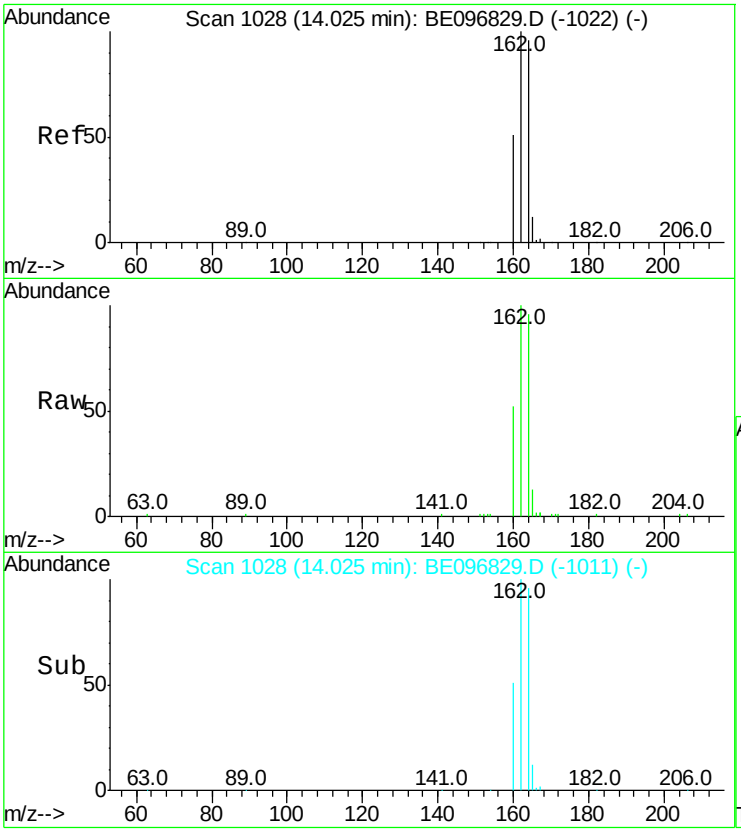


#12
2-Methylnaphthalene
Concen: 0.362 ng
RT: 11.81 min Scan# 779
Delta R.T. 0.00 min
Lab File: BE096829.D
Acq: 20 Jun 2018 10:59

Tgt Ion:142 Resp: 7546

Ion	Ratio	Lower	Upper
142	100		
141	85.8	70.4	105.6
115	38.5	31.7	47.5



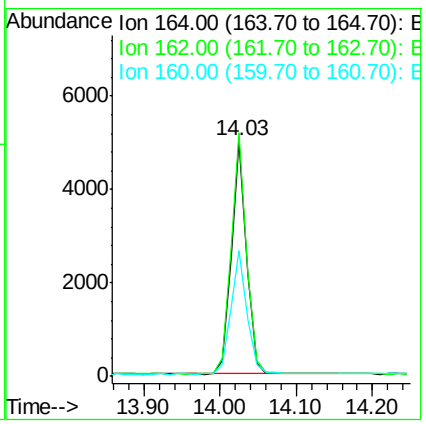


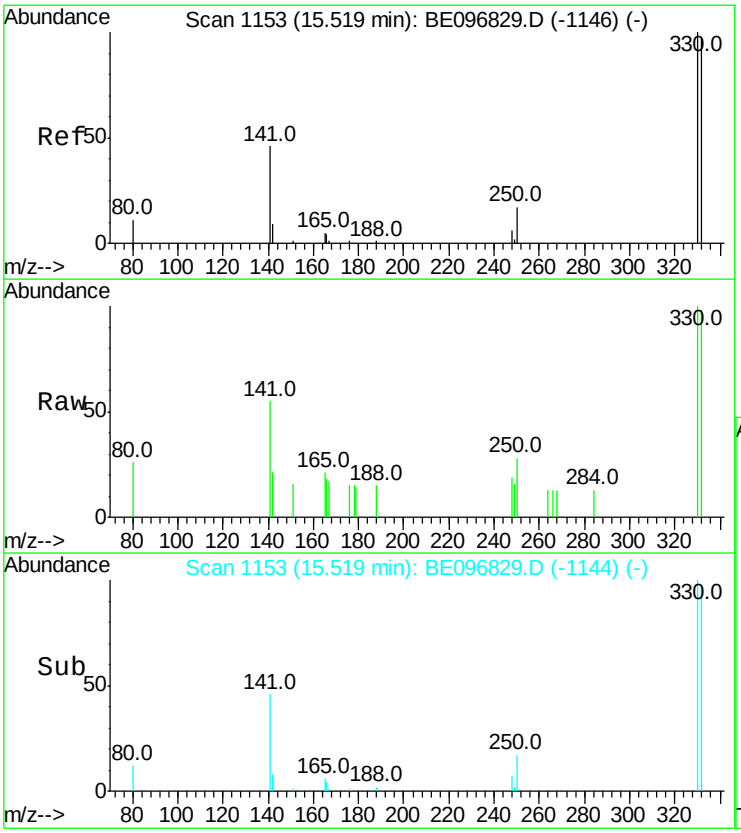
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.03 min Scan# 1028
Delta R.T. 0.00 min
Lab File: BE096829.D
Acq: 20 Jun 2018 10:59

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:164 Resp: 7054

Ion	Ratio	Lower	Upper
164	100		
162	103.7	83.1	124.7
160	53.5	37.1	55.7

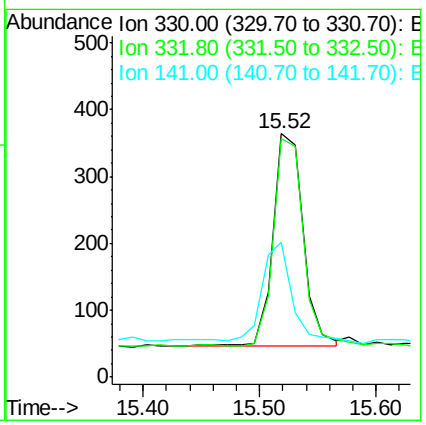


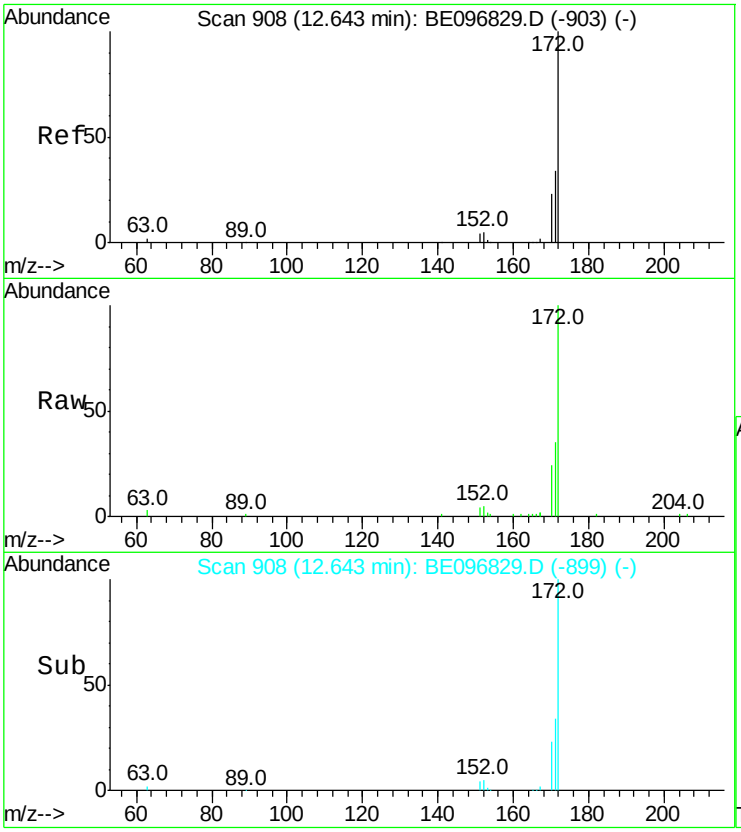


#14
2,4,6-Tribromophenol
Concen: 0.392 ng
RT: 15.52 min Scan# 1153
Delta R.T. 0.00 min
Lab File: BE096829.D
Acq: 20 Jun 2018 10:59

Tgt Ion:330 Resp: 571

Ion	Ratio	Lower	Upper
330	100		
332	97.5	152.7	229.1#
141	43.8	33.7	50.5



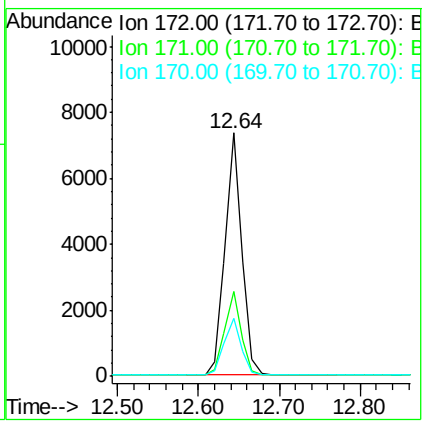


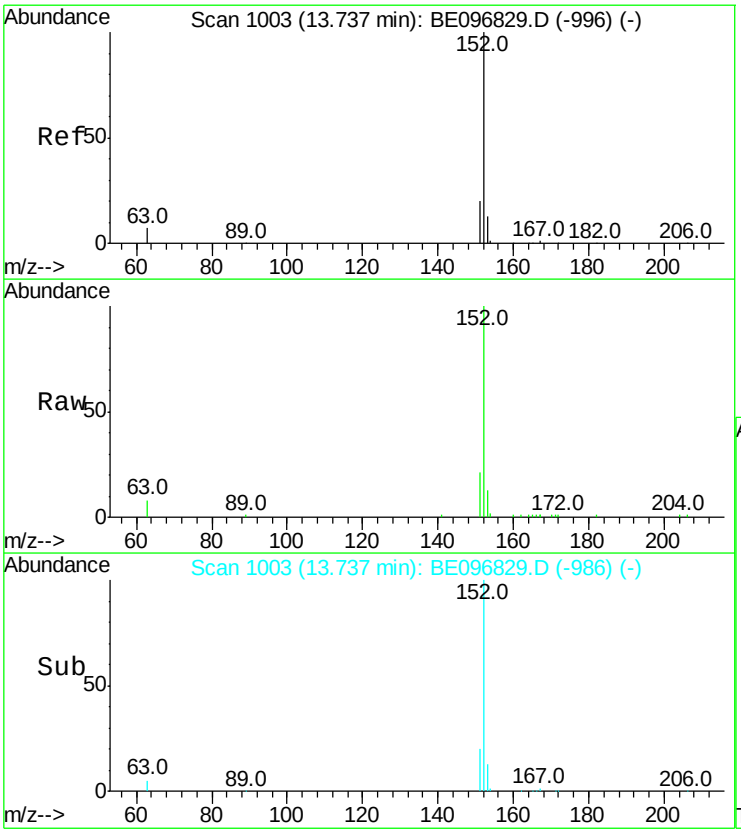
#15
2-Fluorobiphenyl
Concen: 0.361 ng
RT: 12.64 min Scan# 908
Delta R.T. 0.00 min
Lab File: BE096829.D
Acq: 20 Jun 2018 10:59

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:172 Resp: 10467

Ion	Ratio	Lower	Upper
172	100		
171	34.7	29.9	44.9
170	23.8	21.8	32.8

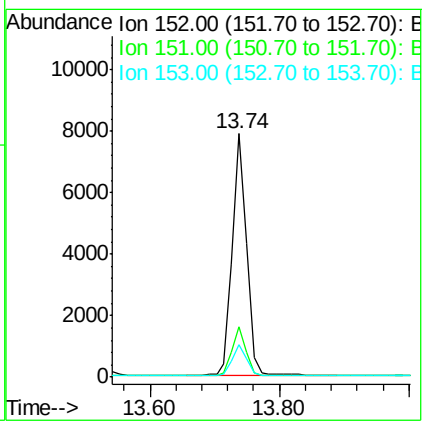


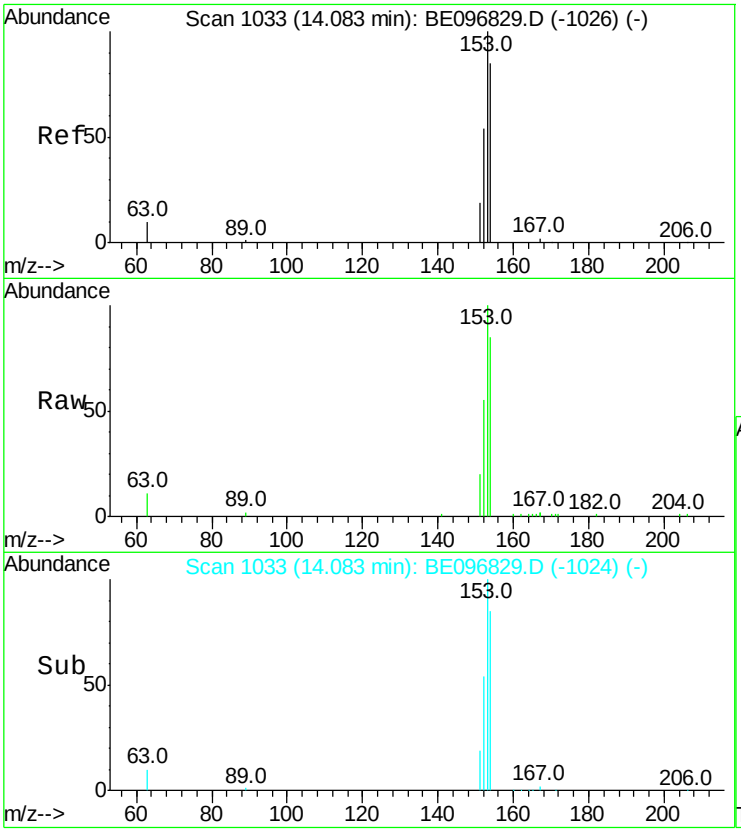


#16
Acenaphthylene
Concen: 0.358 ng
RT: 13.74 min Scan# 1003
Delta R.T. 0.00 min
Lab File: BE096829.D
Acq: 20 Jun 2018 10:59

Tgt Ion:152 Resp: 11917

Ion	Ratio	Lower	Upper
152	100		
151	19.7	15.7	23.5
153	12.9	10.5	15.7



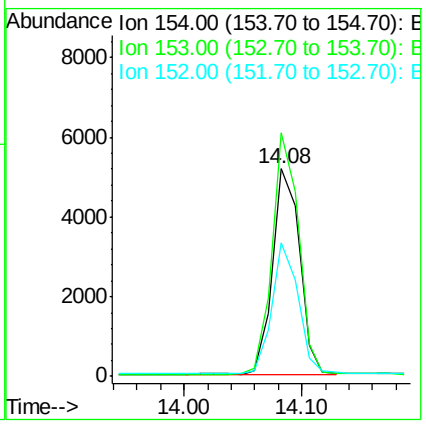


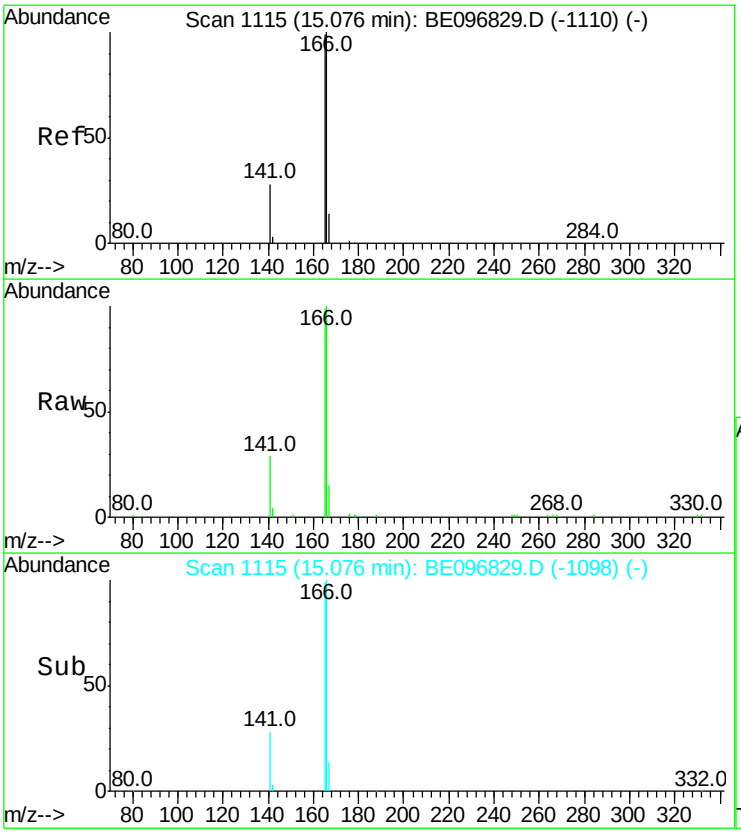
#17
Acenaphthene
Concen: 0.366 ng
RT: 14.08 min Scan# 1033
Delta R.T. 0.00 min
Lab File: BE096829.D
Acq: 20 Jun 2018 10:59

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:154 Resp: 8185

Ion	Ratio	Lower	Upper
154	100		
153	114.7	89.2	133.8
152	62.4	42.0	63.0

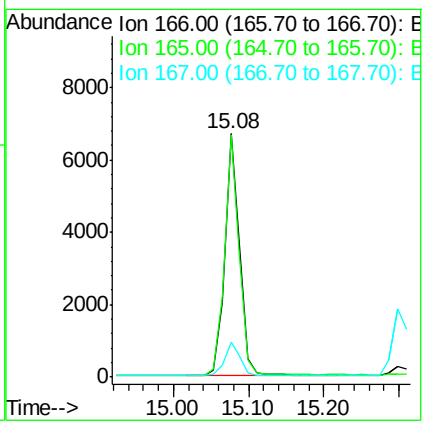


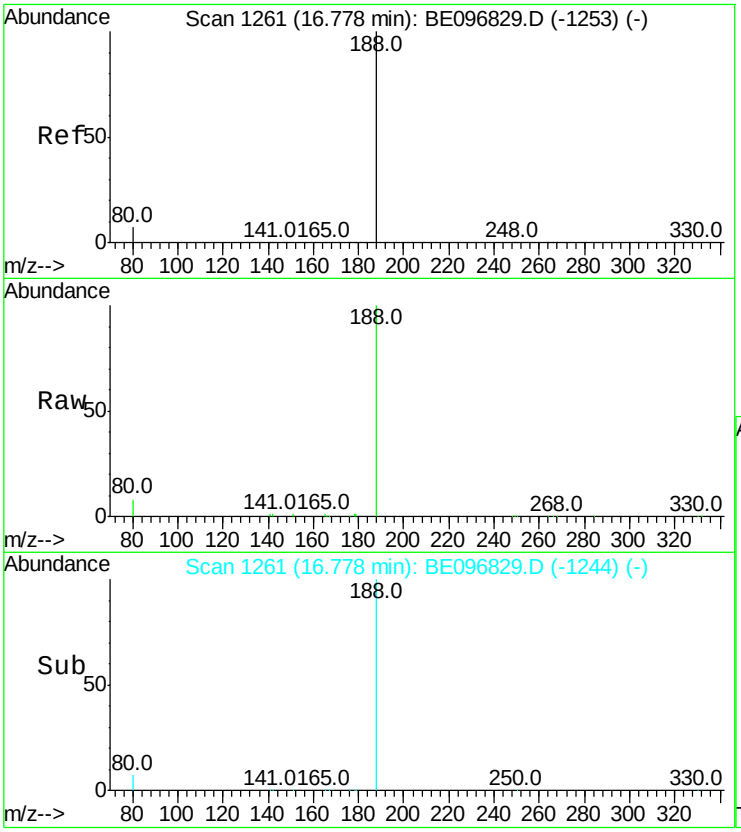


#18
Fluorene
Concen: 0.350 ng
RT: 15.08 min Scan# 1115
Delta R.T. 0.00 min
Lab File: BE096829.D
Acq: 20 Jun 2018 10:59

Tgt Ion:166 Resp: 9257

Ion	Ratio	Lower	Upper
166	100		
165	98.7	77.8	116.6
167	14.4	42.4	63.6#



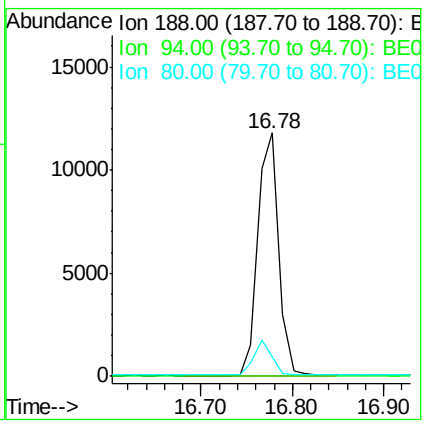


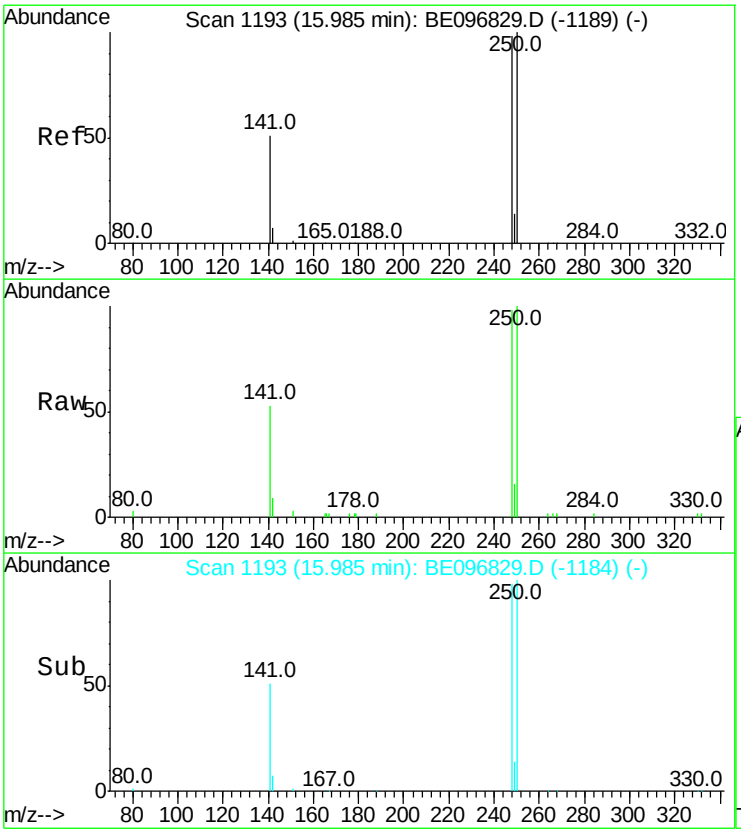
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.78 min Scan# 1261
Delta R.T. 0.00 min
Lab File: BE096829.D
Acq: 20 Jun 2018 10:59

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:188 Resp: 18674

Ion	Ratio	Lower	Upper
188	100		
94	0.0	3.9	5.9#
80	7.8	3.6	5.4#

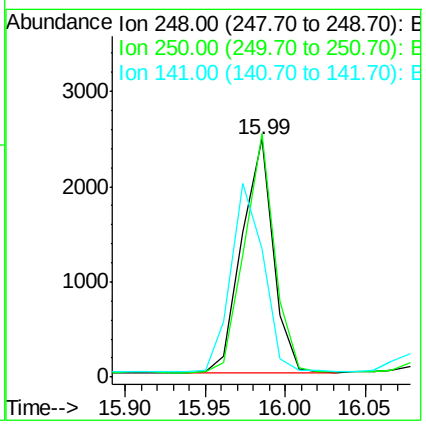


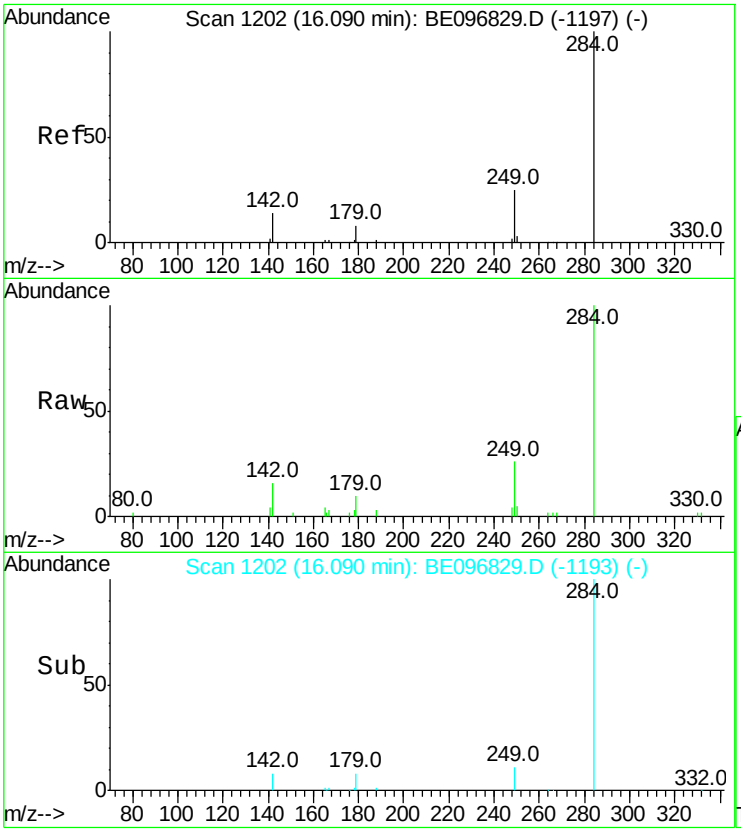


#20
4-Bromophenyl-phenylether
Concen: 0.366 ng
RT: 15.99 min Scan# 1193
Delta R.T. 0.00 min
Lab File: BE096829.D
Acq: 20 Jun 2018 10:59

Tgt Ion:248 Resp: 3335

Ion	Ratio	Lower	Upper
248	100		
250	102.3	62.7	94.1#
141	53.7	48.2	72.2



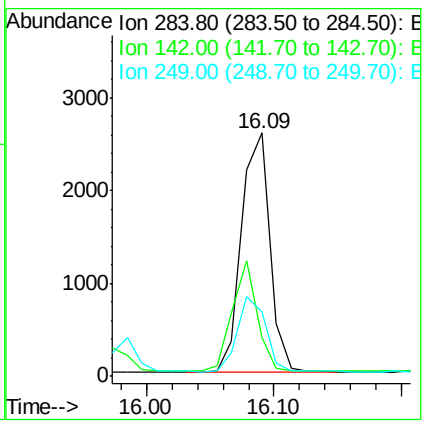


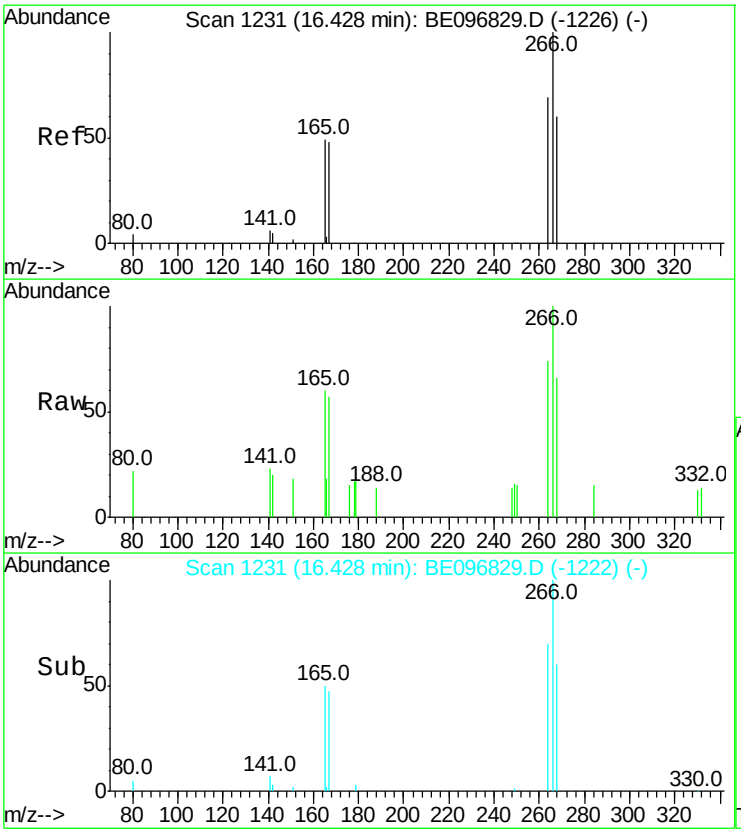
#21
Hexachlorobenzene
Concen: 0.371 ng
RT: 16.09 min Scan# 1202
Delta R.T. 0.00 min
Lab File: BE096829.D
Acq: 20 Jun 2018 10:59

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:284 Resp: 3964

Ion	Ratio	Lower	Upper
284	100		
142	40.4	22.1	33.1#
249	31.1	34.8	52.2#

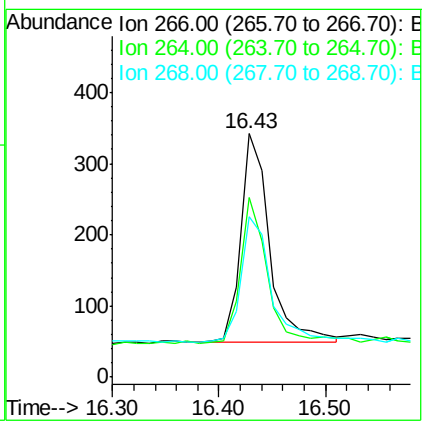


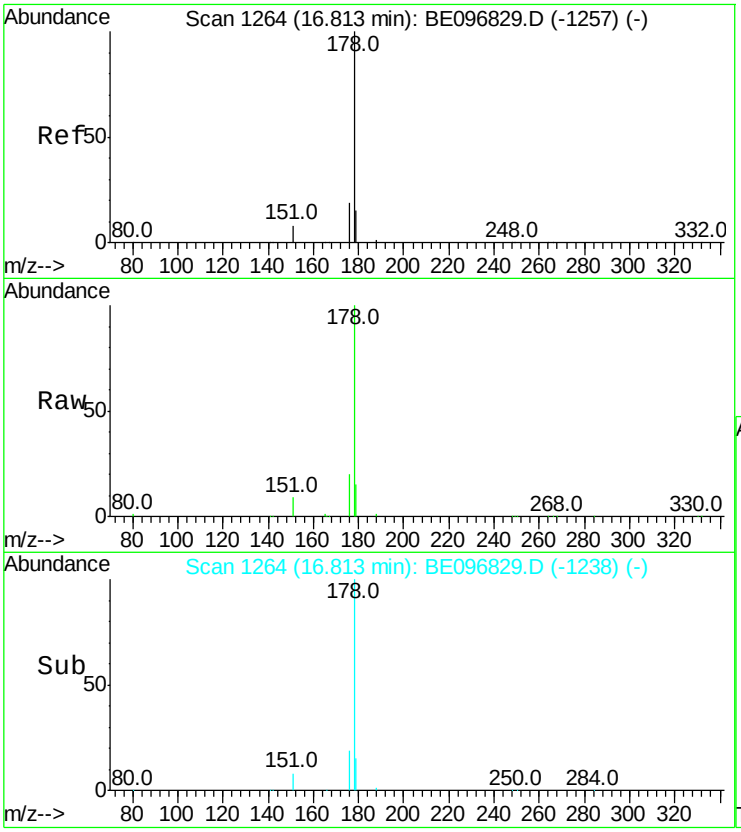


#22
Pentachlorophenol
Concen: 0.331 ng
RT: 16.43 min Scan# 1231
Delta R.T. 0.00 min
Lab File: BE096829.D
Acq: 20 Jun 2018 10:59

Tgt Ion:266 Resp: 550

Ion	Ratio	Lower	Upper
266	100		
264	73.7	72.5	108.7
268	66.1	73.8	110.6#



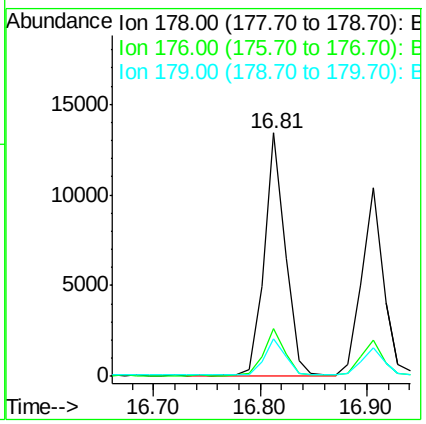


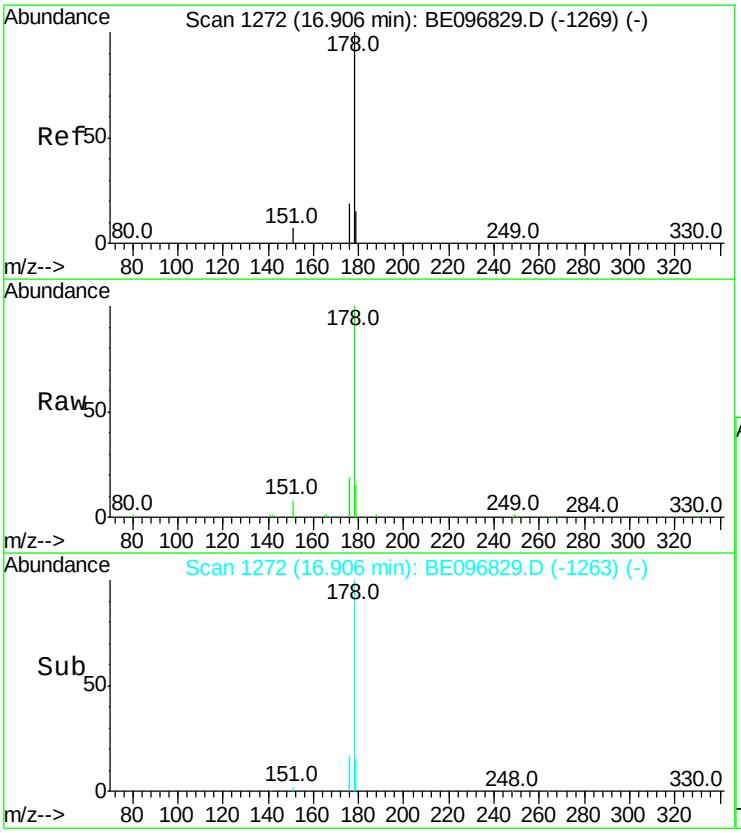
#23
Phenanthrene
Concen: 0.360 ng
RT: 16.81 min Scan# 1264
Delta R.T. 0.00 min
Lab File: BE096829.D
Acq: 20 Jun 2018 10:59

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:178 Resp: 18269

Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.1	22.7
179	15.4	11.8	17.6

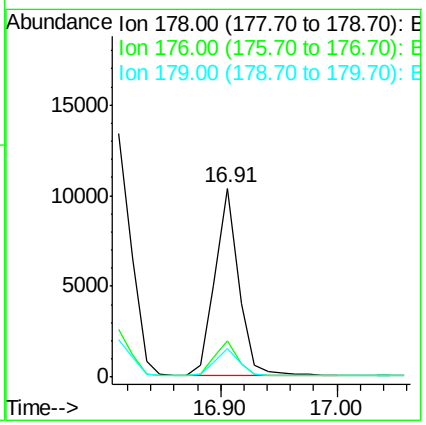


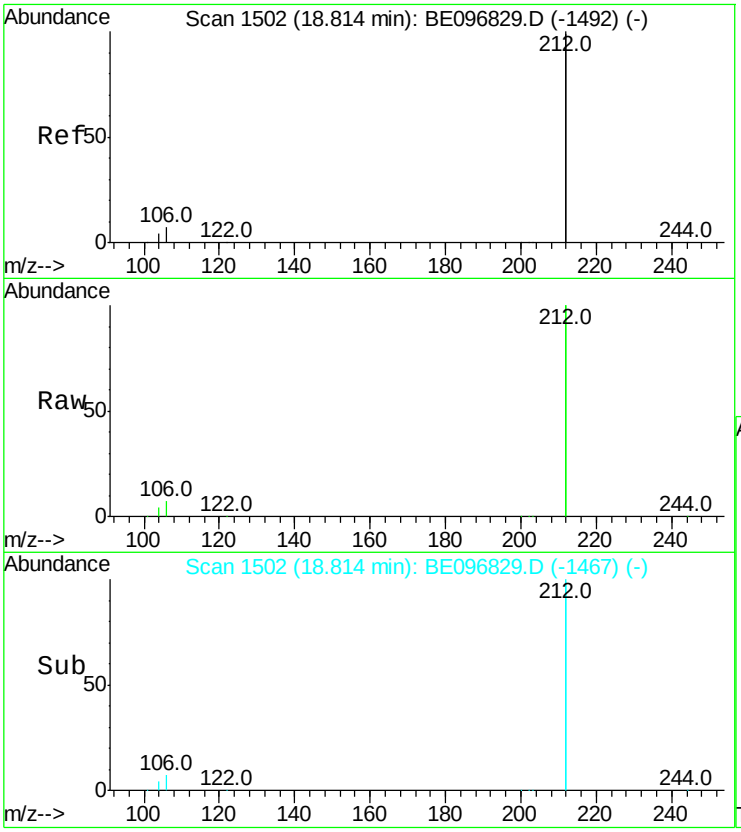


#24
Anthracene
Concen: 0.347 ng
RT: 16.91 min Scan# 1272
Delta R.T. 0.00 min
Lab File: BE096829.D
Acq: 20 Jun 2018 10:59

Tgt Ion:178 Resp: 14464

Ion	Ratio	Lower	Upper
178	100		
176	19.3	12.8	19.2#
179	15.0	13.0	19.6



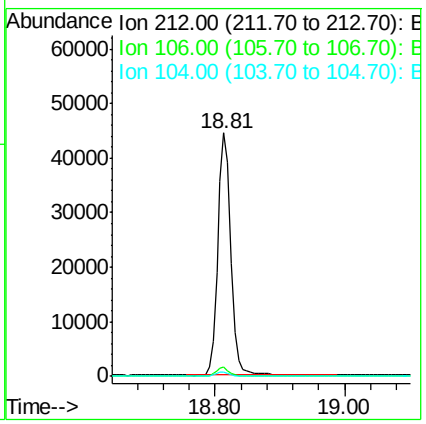


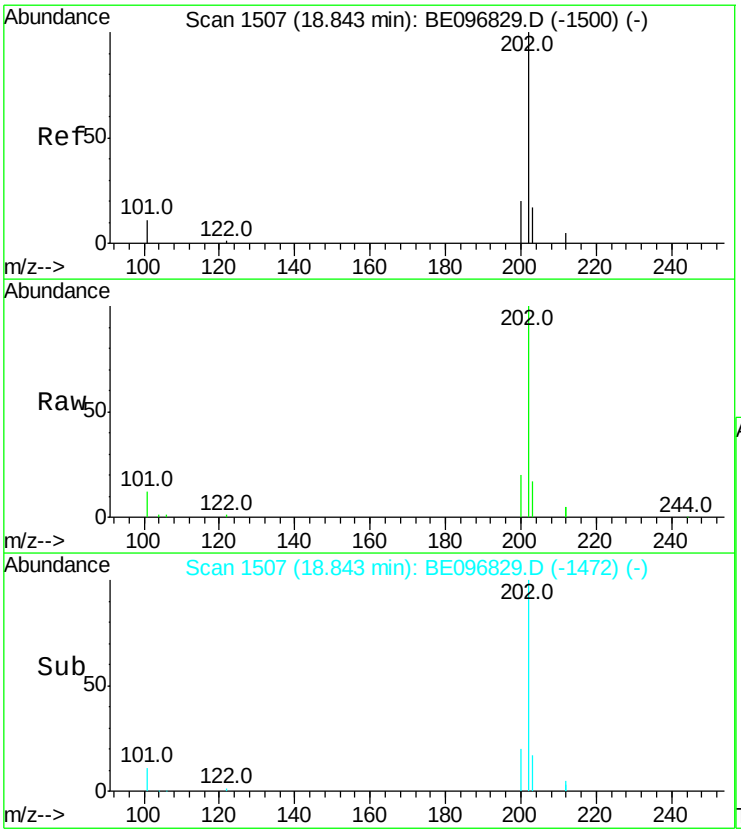
#25
Fluoranthene-d10
Concen: 0.344 ng
RT: 18.81 min Scan# 1502
Delta R.T. 0.00 min
Lab File: BE096829.D
Acq: 20 Jun 2018 10:59

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:212 Resp: 62874

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

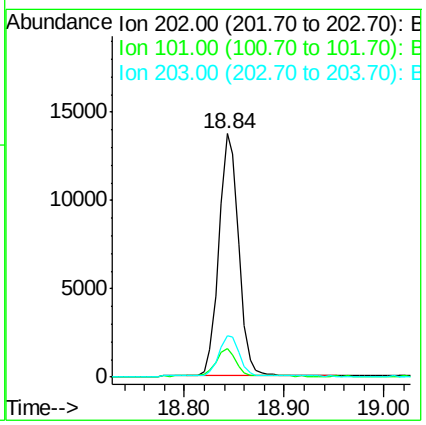


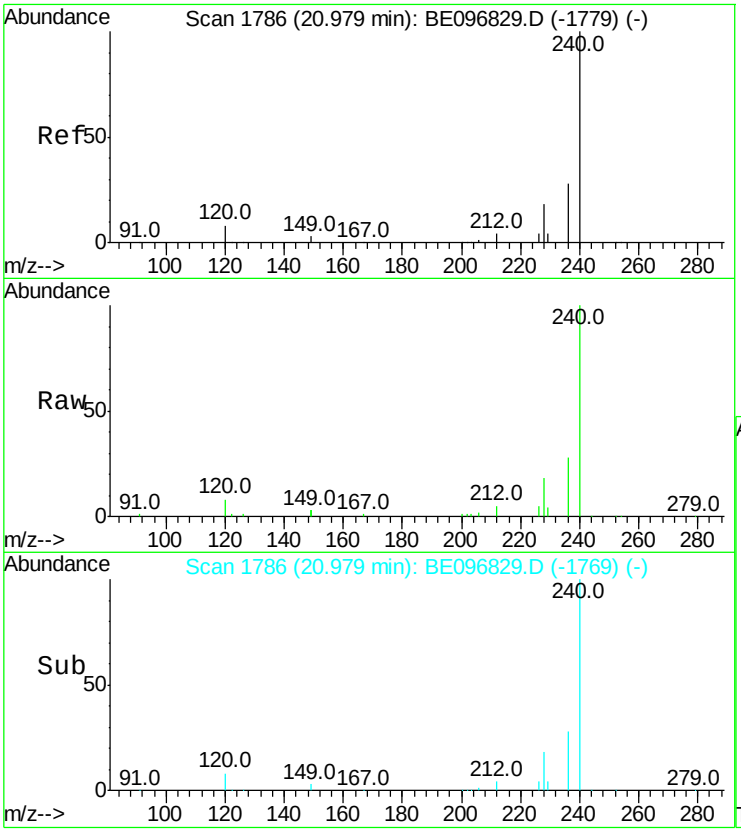


#26
Fluoranthene
Concen: 0.350 ng
RT: 18.84 min Scan# 1507
Delta R.T. 0.00 min
Lab File: BE096829.D
Acq: 20 Jun 2018 10:59

Tgt Ion:202 Resp: 18803

Ion	Ratio	Lower	Upper
202	100		
101	11.6	9.8	14.8
203	17.0	13.7	20.5



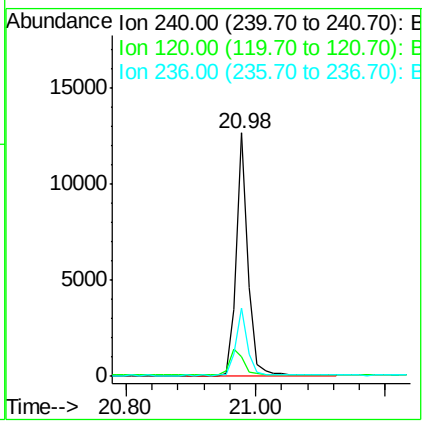


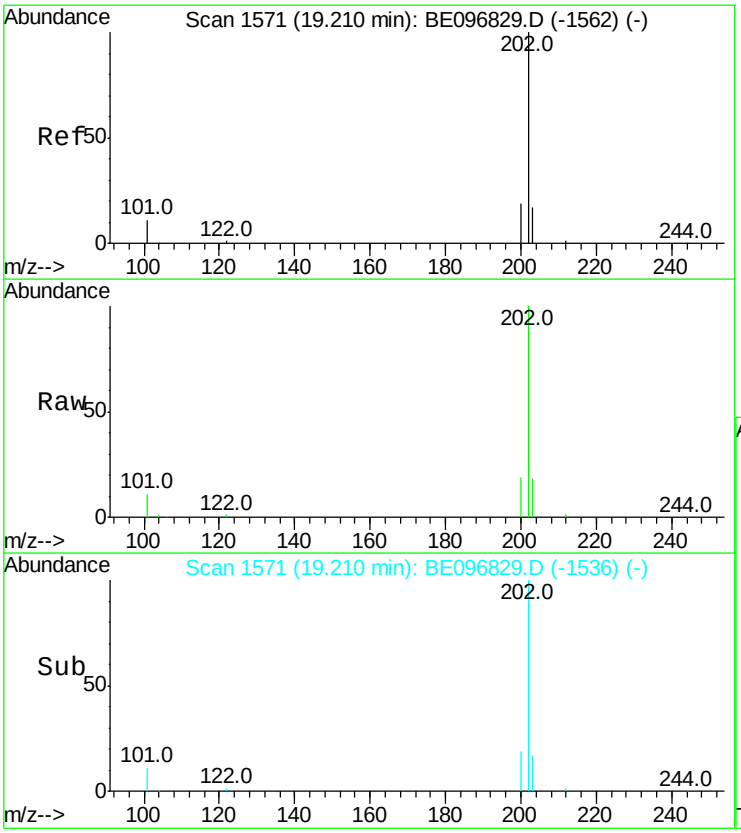
#27
Chrysene-d12
Concen: 0.400 ng
RT: 20.98 min Scan# 1786
Delta R.T. 0.00 min
Lab File: BE096829.D
Acq: 20 Jun 2018 10:59

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:240 Resp: 15944

Ion	Ratio	Lower	Upper
240	100		
120	8.2	5.5	8.3
236	28.0	20.7	31.1

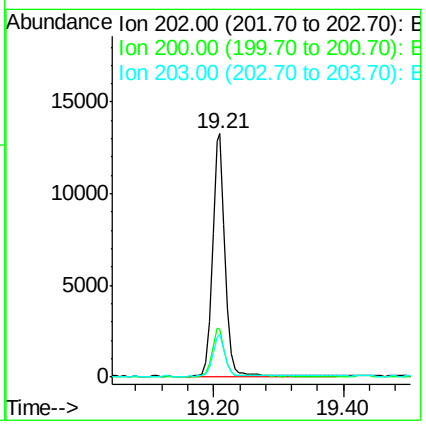


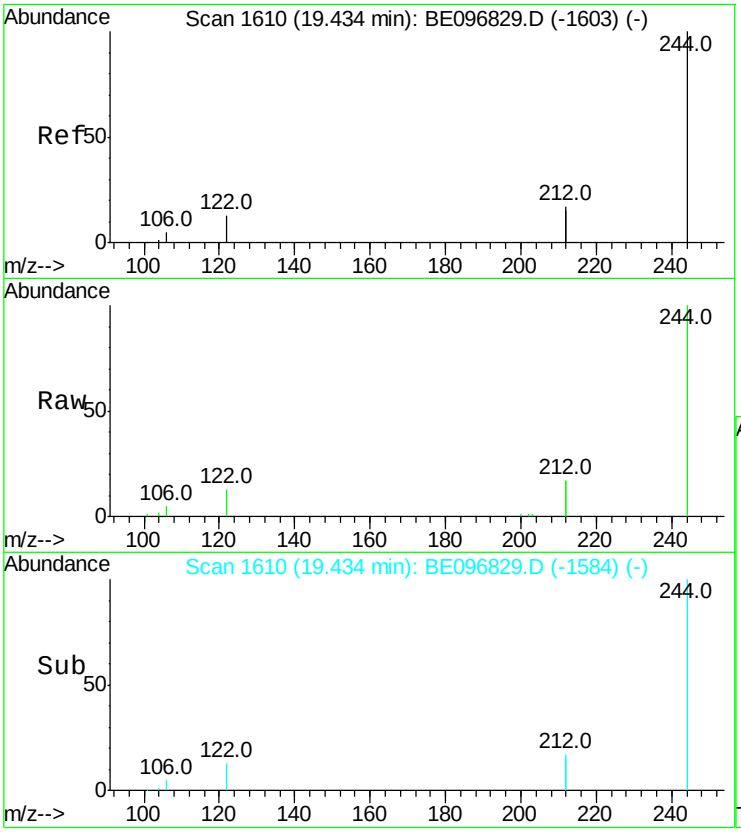


#28
Pyrene
Concen: 0.346 ng
RT: 19.21 min Scan# 1571
Delta R.T. 0.00 min
Lab File: BE096829.D
Acq: 20 Jun 2018 10:59

Tgt Ion:202 Resp: 18126

Ion	Ratio	Lower	Upper
202	100		
200	19.7	16.6	25.0
203	17.2	13.8	20.8



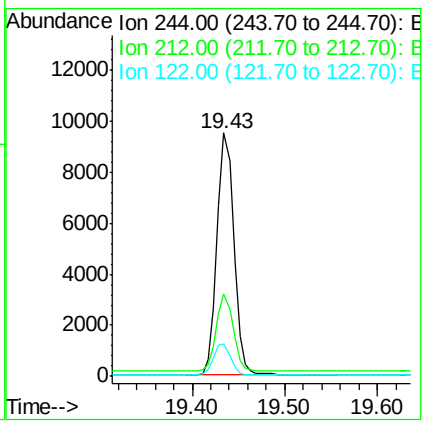


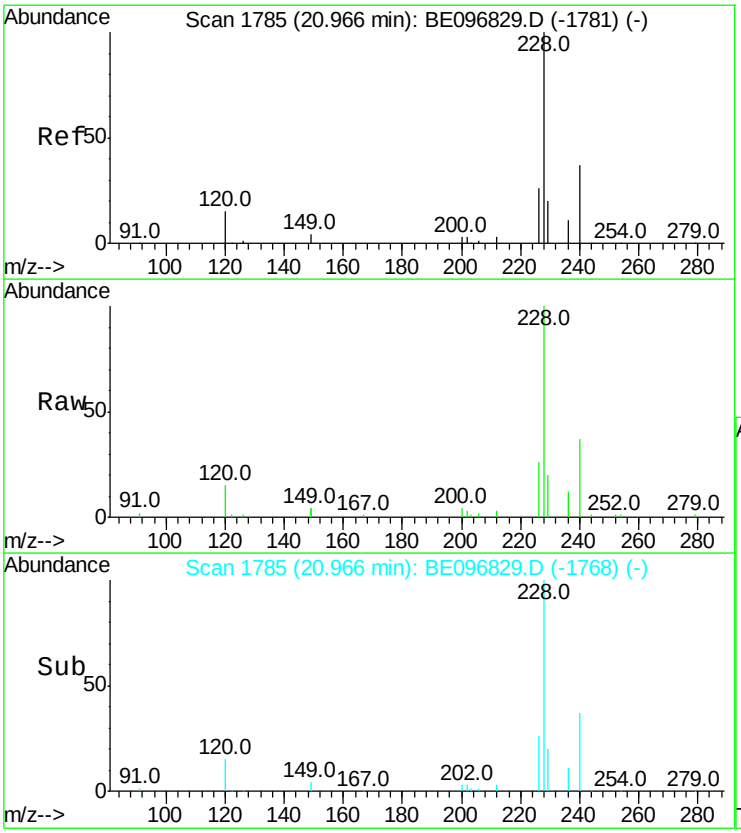
#29
Terphenyl-d14
Concen: 0.334 ng
RT: 19.43 min Scan# 1610
Delta R.T. 0.00 min
Lab File: BE096829.D
Acq: 20 Jun 2018 10:59

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:244 Resp: 12072

Ion	Ratio	Lower	Upper
244	100		
212	33.8	25.4	38.0
122	13.2	8.1	12.1#

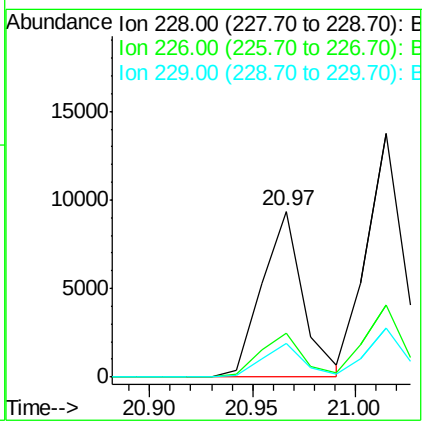


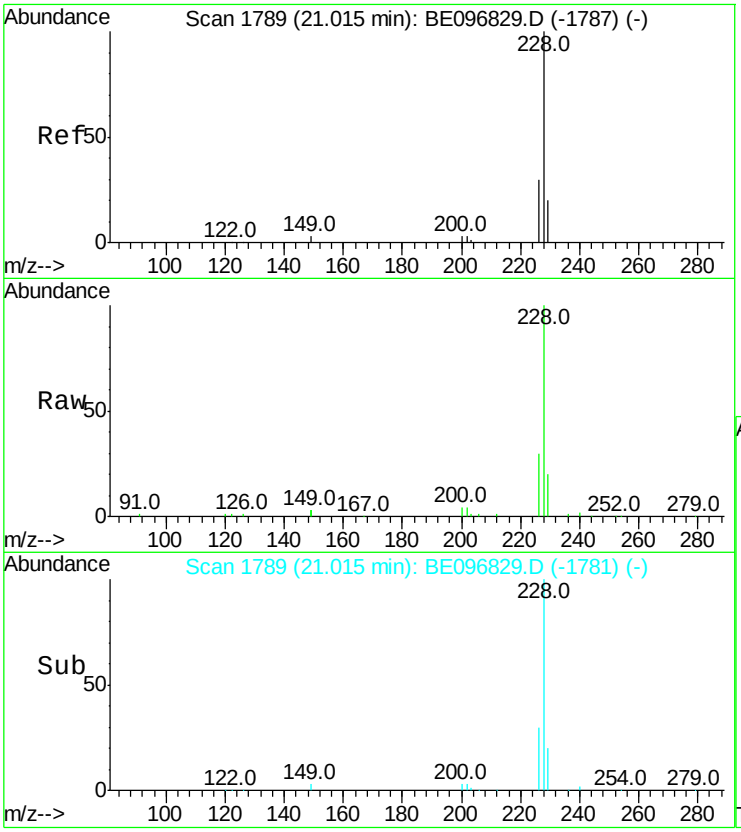


#30
Benzo(a)anthracene
Concen: 0.334 ng
RT: 20.97 min Scan# 1785
Delta R.T. 0.00 min
Lab File: BE096829.D
Acq: 20 Jun 2018 10:59

Tgt Ion:228 Resp: 12919

Ion	Ratio	Lower	Upper
228	100		
226	26.4	24.0	36.0
229	20.1	16.0	24.0



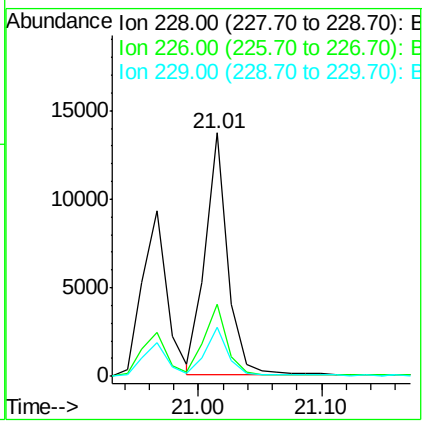


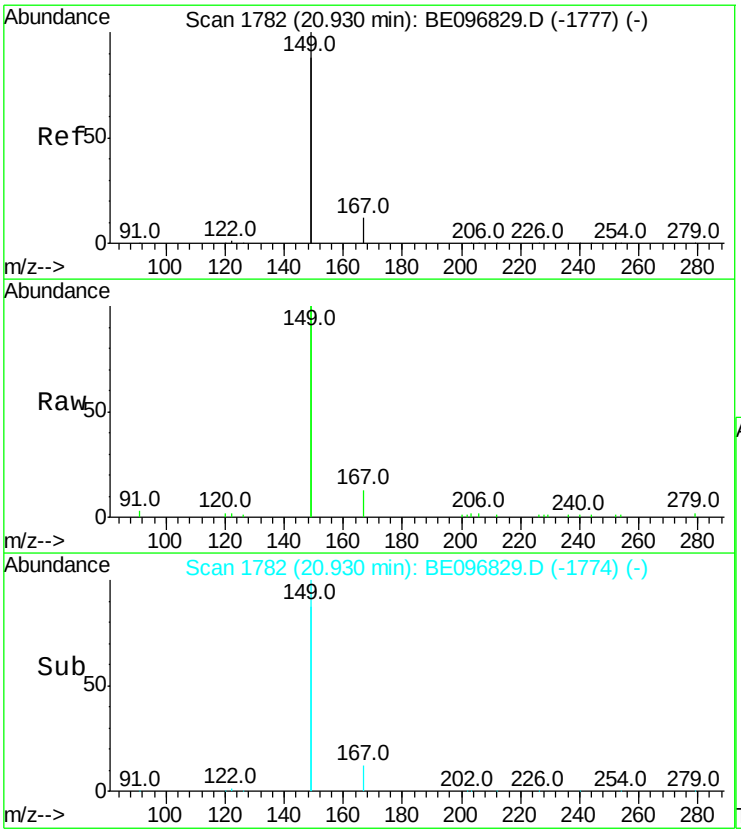
#31
Chrysene
Concen: 0.354 ng
RT: 21.01 min Scan# 1789
Delta R.T. 0.00 min
Lab File: BE096829.D
Acq: 20 Jun 2018 10:59

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:228 Resp: 17239

Ion	Ratio	Lower	Upper
228	100		
226	29.8	24.0	36.0
229	20.1	16.0	24.0

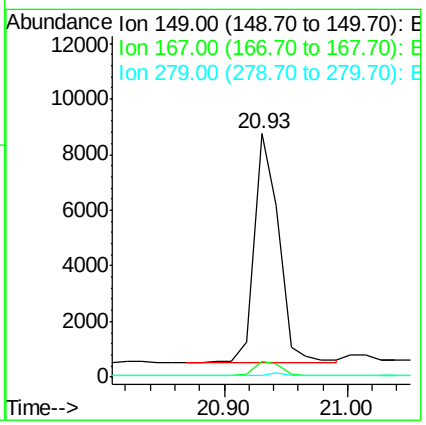


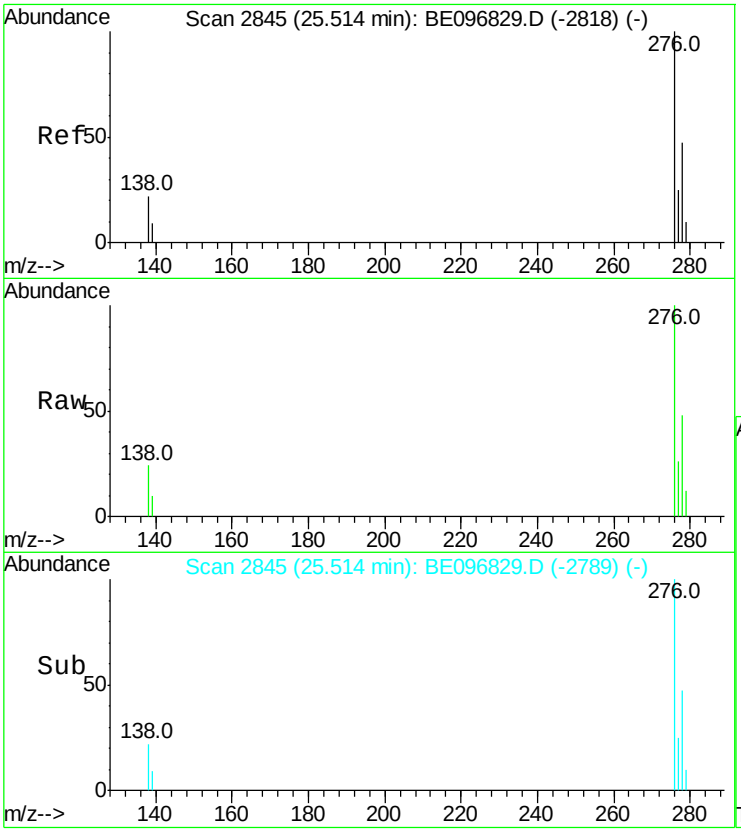


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.390 ng
RT: 20.93 min Scan# 1782
Delta R.T. 0.00 min
Lab File: BE096829.D
Acq: 20 Jun 2018 10:59

Tgt Ion:149 Resp: 11323

Ion	Ratio	Lower	Upper
149	100		
167	6.7	5.4	8.0
279	0.8	0.7	1.1



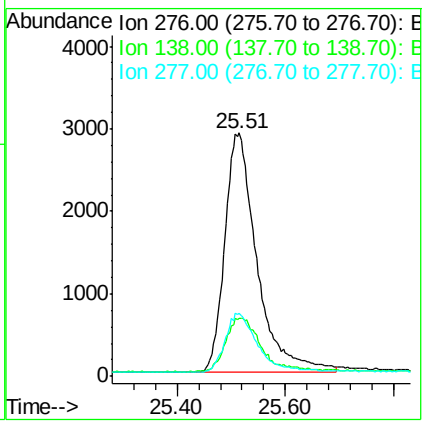


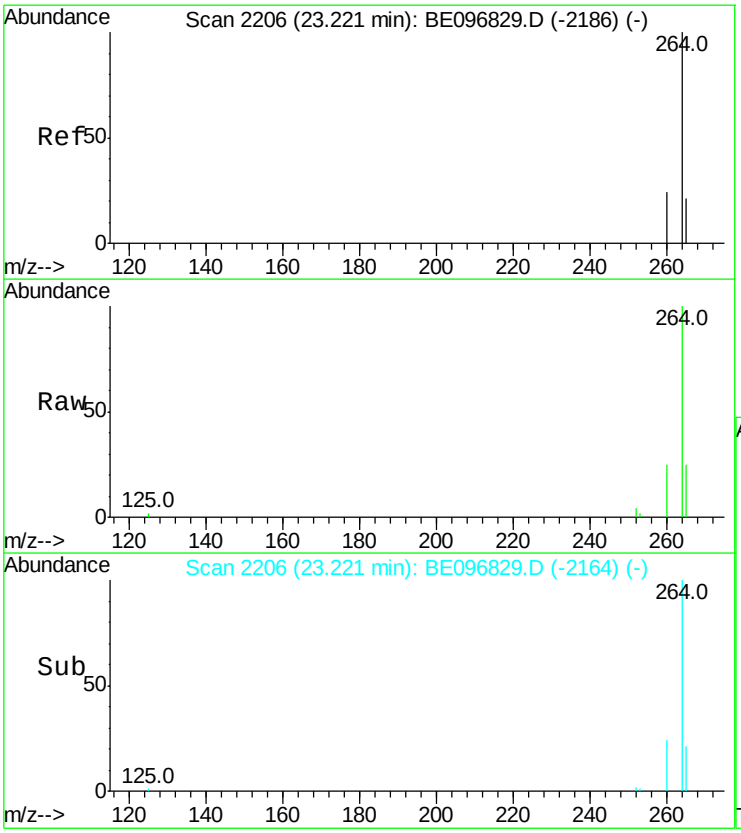
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.328 ng
RT: 25.51 min Scan# 2845
Delta R.T. 0.00 min
Lab File: BE096829.D
Acq: 20 Jun 2018 10:59

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 12000

Ion	Ratio	Lower	Upper
276	100		
138	24.3	22.5	33.7
277	24.4	19.9	29.9

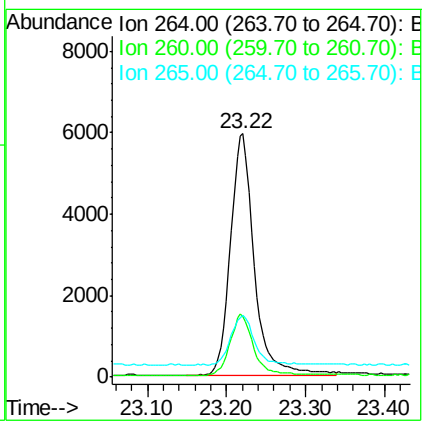


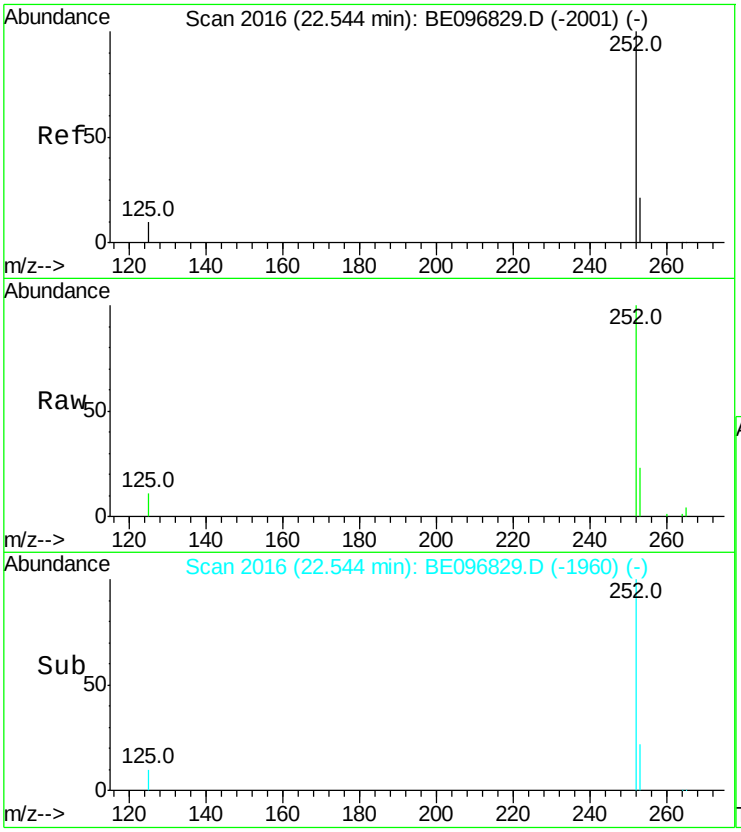


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.22 min Scan# 2206
Delta R.T. 0.00 min
Lab File: BE096829.D
Acq: 20 Jun 2018 10:59

Tgt Ion:264 Resp: 12396

Ion	Ratio	Lower	Upper
264	100		
260	25.1	20.5	30.7
265	25.5	22.8	34.2



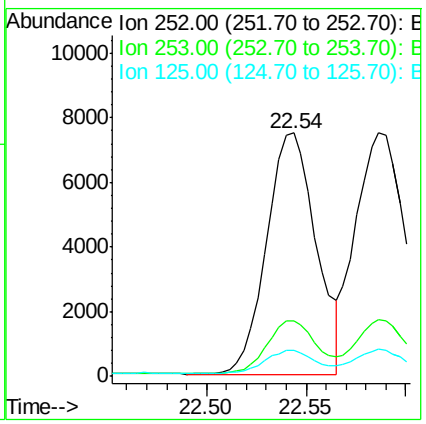


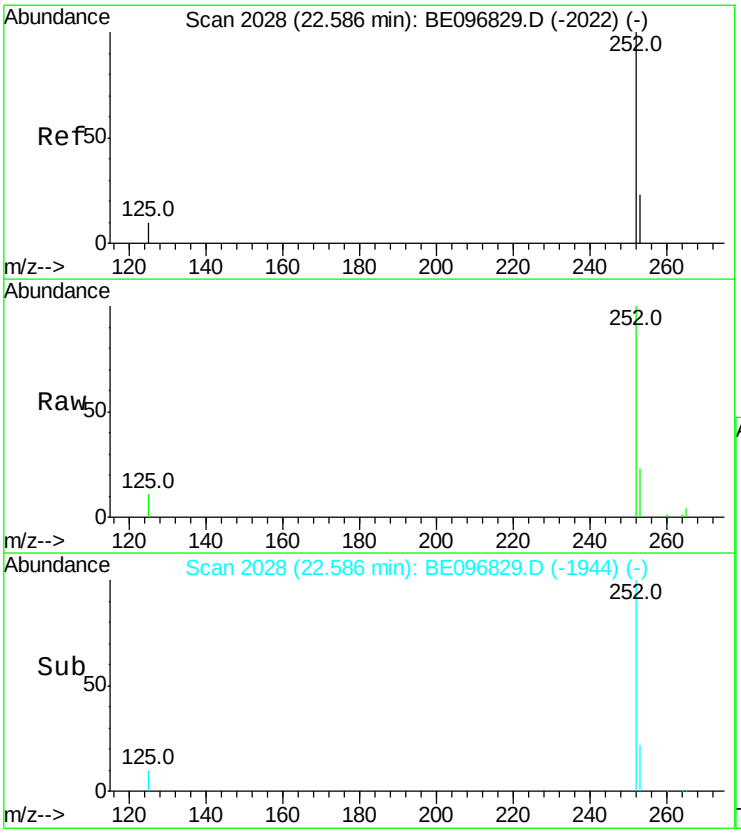
#35
Benzo(b)fluoranthene
Concen: 0.377 ng
RT: 22.54 min Scan# 2016
Delta R.T. 0.00 min
Lab File: BE096829.D
Acq: 20 Jun 2018 10:59

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 12843

Ion	Ratio	Lower	Upper
252	100		
253	22.5	20.0	30.0
125	10.9	16.0	24.0#

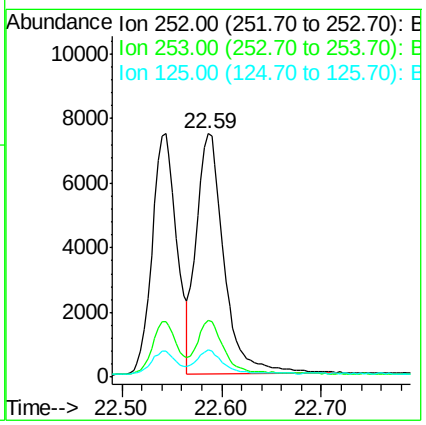


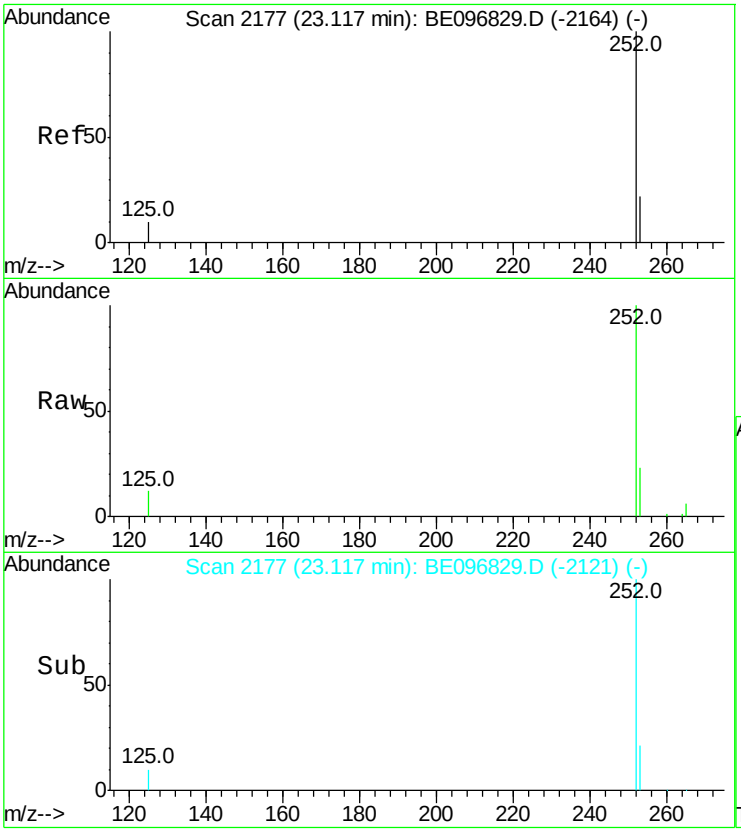


#36
Benzo(k)fluoranthene
Concen: 0.353 ng
RT: 22.59 min Scan# 2028
Delta R.T. 0.00 min
Lab File: BE096829.D
Acq: 20 Jun 2018 10:59

Tgt Ion:252 Resp: 14300

Ion	Ratio	Lower	Upper
252	100		
253	23.4	16.0	24.0
125	11.1	8.0	12.0



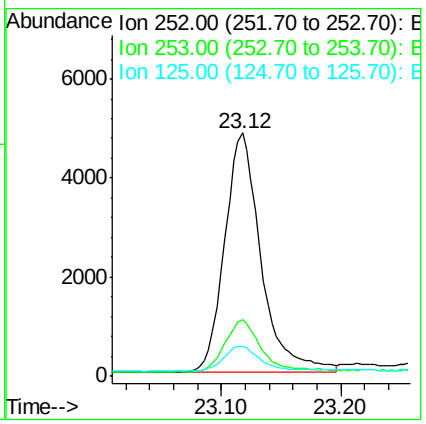


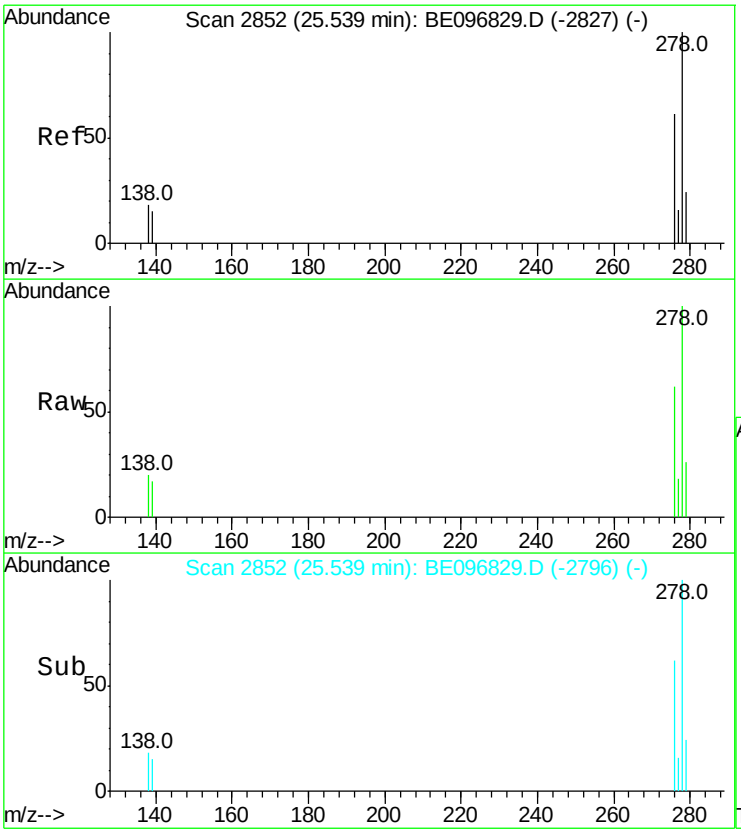
#37
Benzo(a)pyrene
Concen: 0.343 ng
RT: 23.12 min Scan# 2177
Delta R.T. 0.00 min
Lab File: BE096829.D
Acq: 20 Jun 2018 10:59

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 10144

Ion	Ratio	Lower	Upper
252	100		
253	23.1	16.0	24.0
125	12.3	12.0	18.0

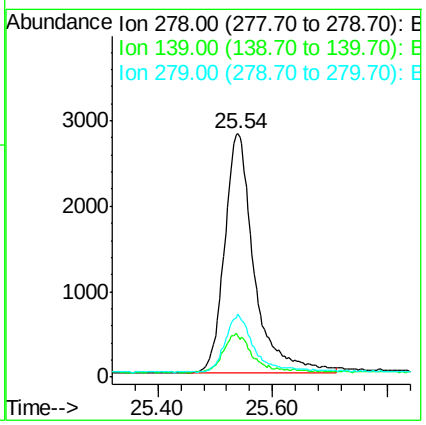


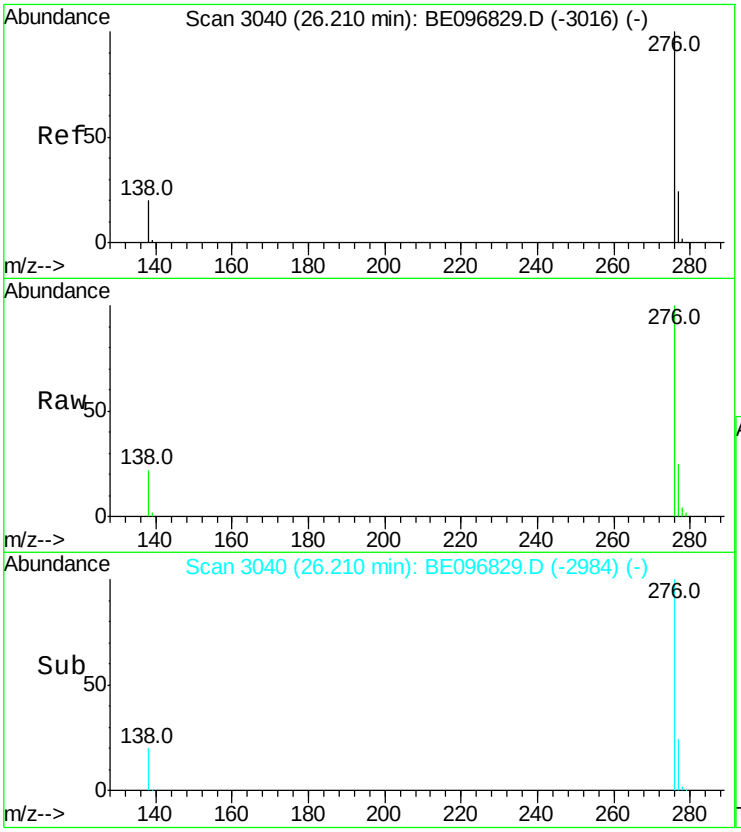


#38
Dibenzo(a,h)anthracene
Concen: 0.354 ng
RT: 25.54 min Scan# 2852
Delta R.T. 0.00 min
Lab File: BE096829.D
Acq: 20 Jun 2018 10:59

Tgt Ion:278 Resp: 10044

Ion	Ratio	Lower	Upper
278	100		
139	16.8	16.0	24.0
279	25.9	20.0	30.0





#39
Benzo(g,h,i)perylene
Concen: 0.356 ng
RT: 26.21 min Scan# 3040
Delta R.T. 0.00 min
Lab File: BE096829.D
Acq: 20 Jun 2018 10:59

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 11175

Ion	Ratio	Lower	Upper
276	100		
277	24.8	16.0	24.0#
138	21.8	20.0	30.0