Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE061818\
Data File : BE096803.D
Acq On : 18 Jun 2018 11:27
Operator : SJ/JU
Sample : SSTDICC0.8
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : SSTDICC0.8

Quant Time: Jun 18 12:12:56 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE061818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 18 11:37:15 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.40	152	2542	0.40	ng		0.00
7) Naphthalene-d8	10.16	136	12725	0.40	ng		0.00
13) Acenaphthene-d10	14.03	164	7098	0.40	ng		0.00
19) Phenanthrene-d10	16.78	188	19456	0.40	ng		0.00
27) Chrysene-d12	20.98	240	17318	0.40	ng		0.00
34) Perylene-d12	23.21	264	13441	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.05	112	4335	0.62	ng		0.00
5) Phenol-d6	6.60	99	6549	0.62	ng		0.00
8) Nitrobenzene-d5	8.53	82	5552	0.66	ng		0.00
11) 2-Methylnaphthalene-d10	11.74	152	16148	0.77	ng		0.00
14) 2,4,6-Tribromophenol	15.52	330	1249	0.55	ng		0.00
15) 2-Fluorobiphenyl	12.64	172	23759	0.85	ng		0.00
25) Fluoranthene-d10	18.81	212	157732	0.79	ng		0.00
29) Terphenyl-d14	19.43	244	31364	0.82	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.10	88	3271	0.796	ng	#	88
3) n-Nitrosodimethylamine	3.38	42	3697	0.803	ng	#	86
6) bis(2-Chloroethyl)ether	6.85	93	7925	0.790	ng		98
9) Naphthalene	10.20	128	99865	0.801	ng		99
10) Hexachlorobutadiene	10.50	225	4156	0.811	ng		98
12) 2-Methylnaphthalene	11.81	142	16855	0.785	ng		98
16) Acenaphthylene	13.74	152	27724	0.807	ng		100
17) Acenaphthene	14.08	154	18519	0.818	ng		94
18) Fluorene	15.08	166	21928	0.806	ng	#	79
20) 4-Bromophenyl-phenylether	15.99	248	7773	0.809	ng	#	86
21) Hexachlorobenzene	16.09	284	9035	0.831	ng	#	80
22) Pentachlorophenol	16.43	266	1513	0.597	ng	#	71
23) Phenanthrene	16.81	178	43034	0.815	ng		99
24) Anthracene	16.91	178	35985	0.797	ng		95
26) Fluoranthene	18.84	202	47299	0.814	ng		99
28) Pyrene	19.21	202	45235	0.813	ng		99
30) Benzo(a)anthracene	20.97	228	33860	0.741	ng		96
31) Chrysene	21.02	228	42650	0.808	ng		100
32) Bis(2-ethylhexyl)phthalate	20.93	149	23500	0.538	ng		99
33) Indeno(1,2,3-cd)pyrene	25.51	276	31324	0.686	ng		96
35) Benzo(b)fluoranthene	22.54	252	31287	0.819	ng	#	88
36) Benzo(k)fluoranthene	22.59	252	38525	0.884	ng		97
37) Benzo(a)pyrene	23.11	252	26770	0.782	ng	#	93
38) Dibenzo(a,h)anthracene	25.54	278	26941	0.799	ng		96
39) Benzo(g,h,i)perylene	26.21	276	28826	0.808	ng	#	92

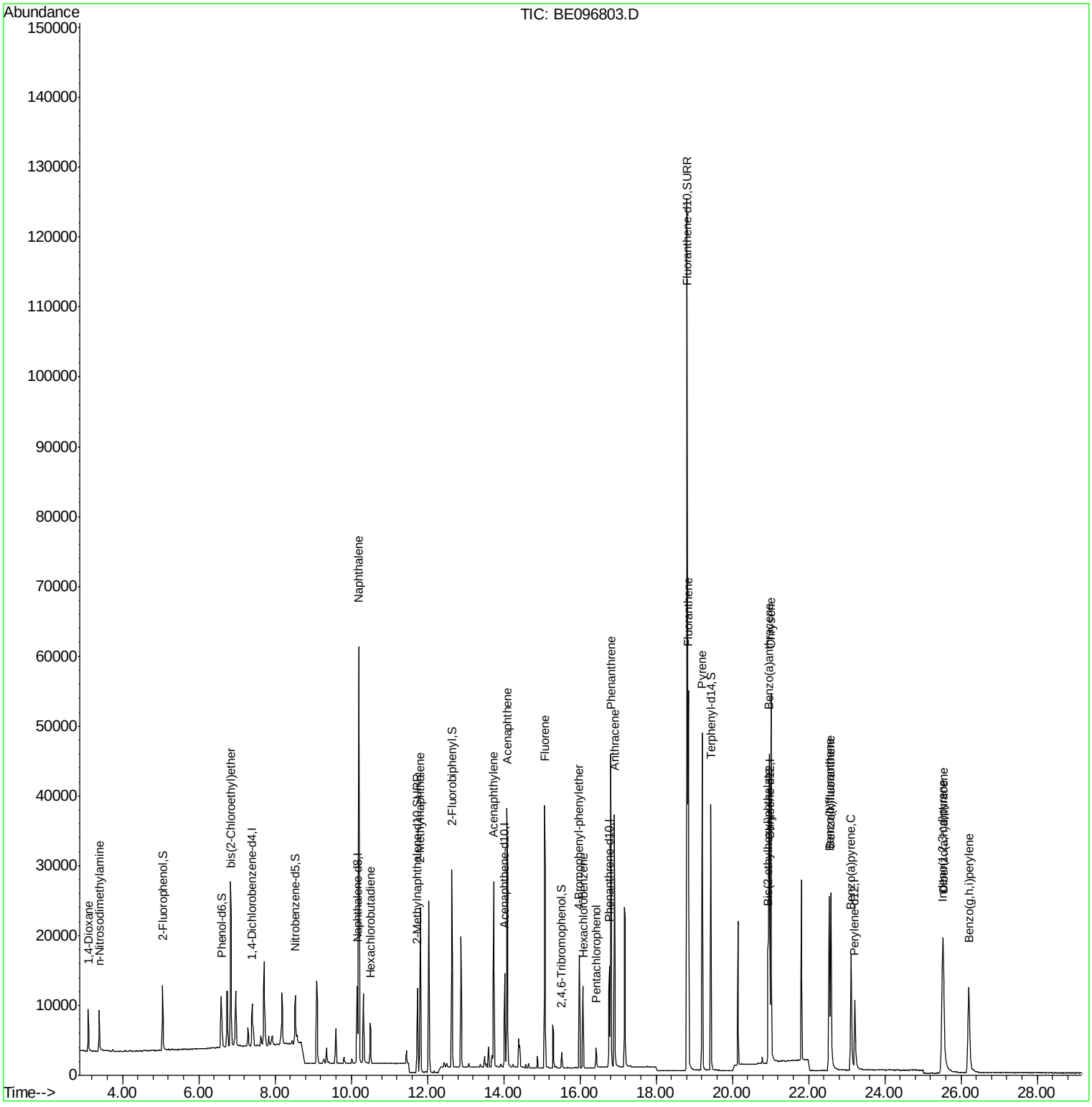
(#) = qualifier out of range (m) = manual integration (+) = signals summed

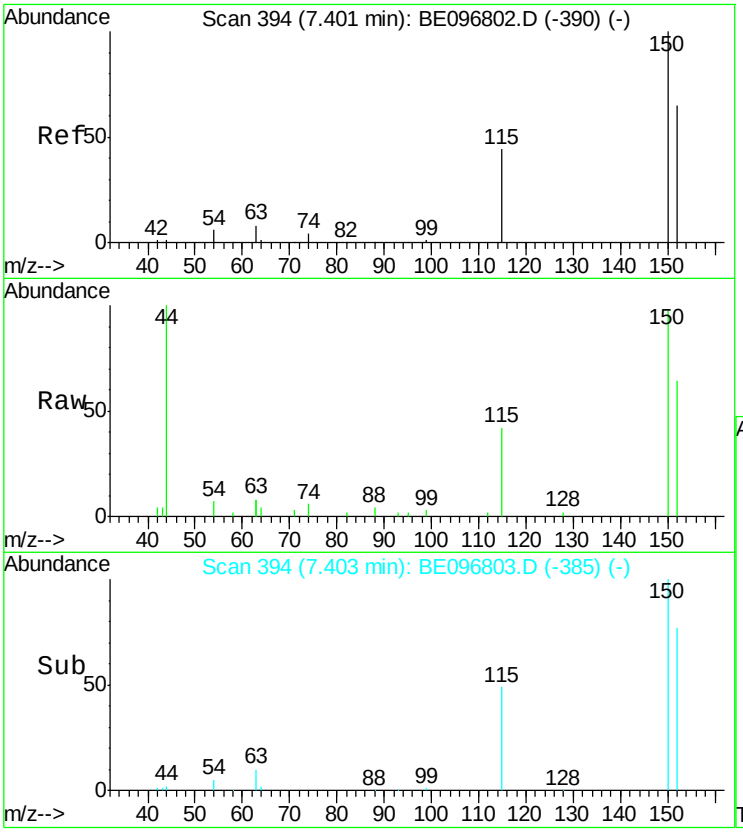
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE061818\
Data File : BE096803.D
Acq On : 18 Jun 2018 11:27
Operator : SJ/JU
Sample : SSTDICC0.8
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Quant Time: Jun 18 12:12:56 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE061818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 18 11:37:15 2018
Response via : Initial Calibration



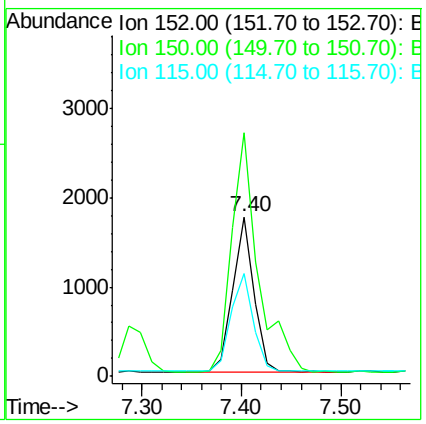


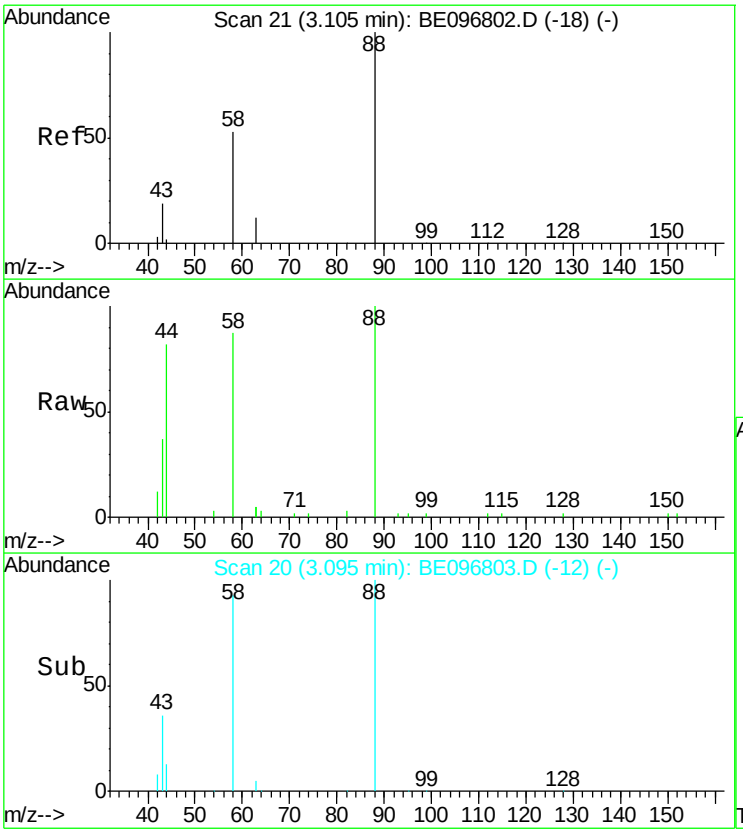
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.40 min Scan# 394
Delta R.T. 0.00 min
Lab File: BE096803.D
Acq: 18 Jun 2018 11:27

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:152 Resp: 2542

Ion	Ratio	Lower	Upper
152	100		
150	153.0	117.2	175.8
115	65.0	57.0	85.6

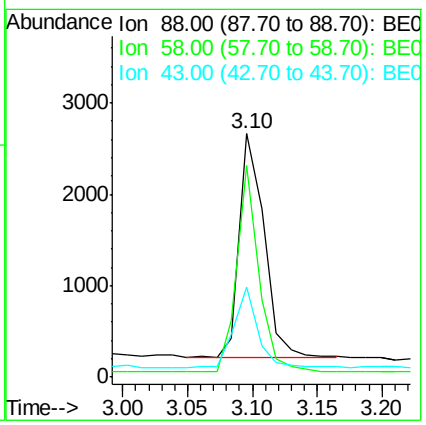


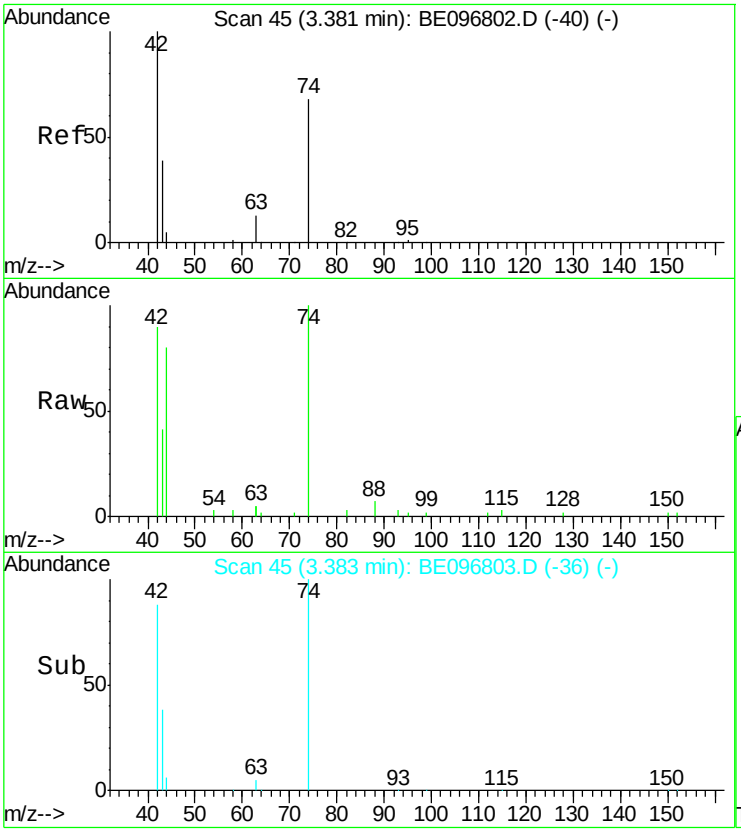


#2
1,4-Dioxane
Concen: 0.796 ng
RT: 3.10 min Scan# 20
Delta R.T. -0.01 min
Lab File: BE096803.D
Acq: 18 Jun 2018 11:27

Tgt Ion: 88 Resp: 3271

Ion	Ratio	Lower	Upper
88	100		
58	81.6	63.2	94.8
43	34.1	41.2	61.8#



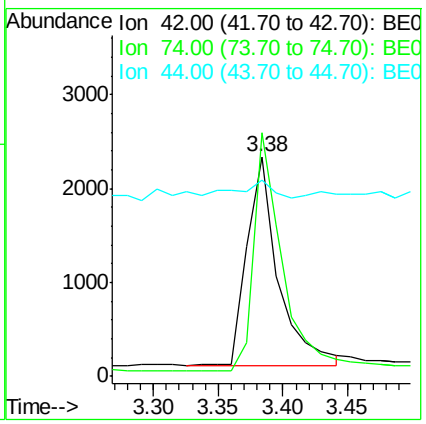


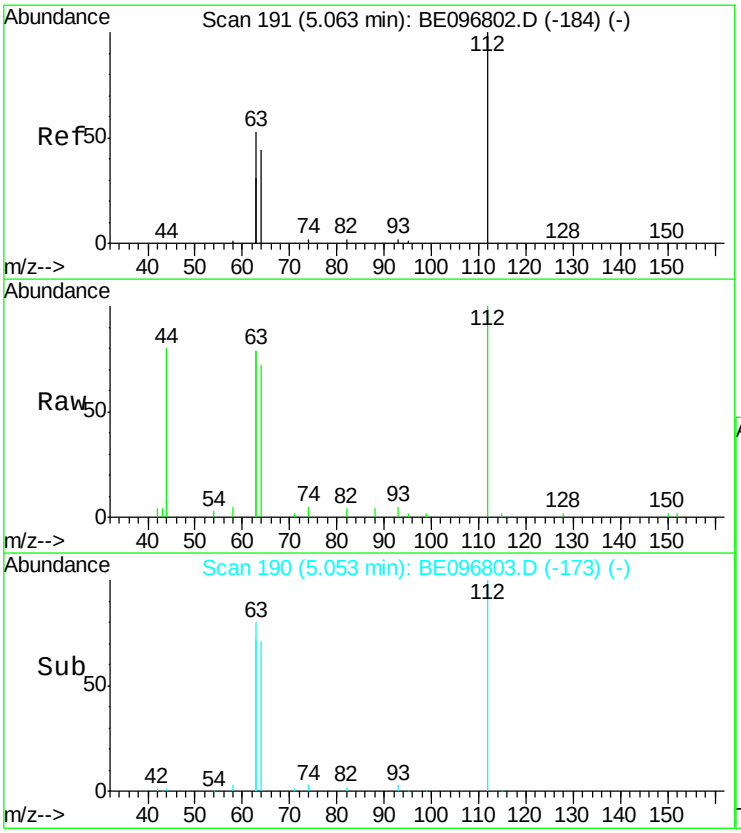
#3
n-Nitrosodimethylamine
Concen: 0.803 ng
RT: 3.38 min Scan# 45
Delta R.T. 0.00 min
Lab File: BE096803.D
Acq: 18 Jun 2018 11:27

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion: 42 Resp: 3697

Ion	Ratio	Lower	Upper
42	100		
74	104.9	96.0	144.0
44	8.2	12.0	18.0#

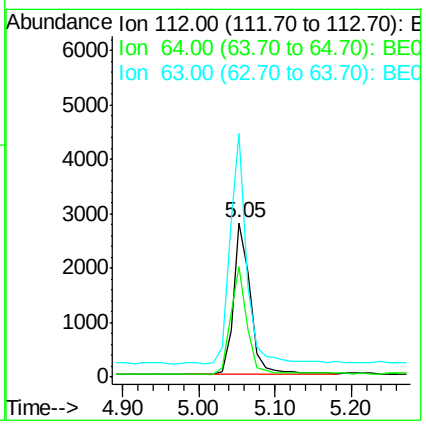


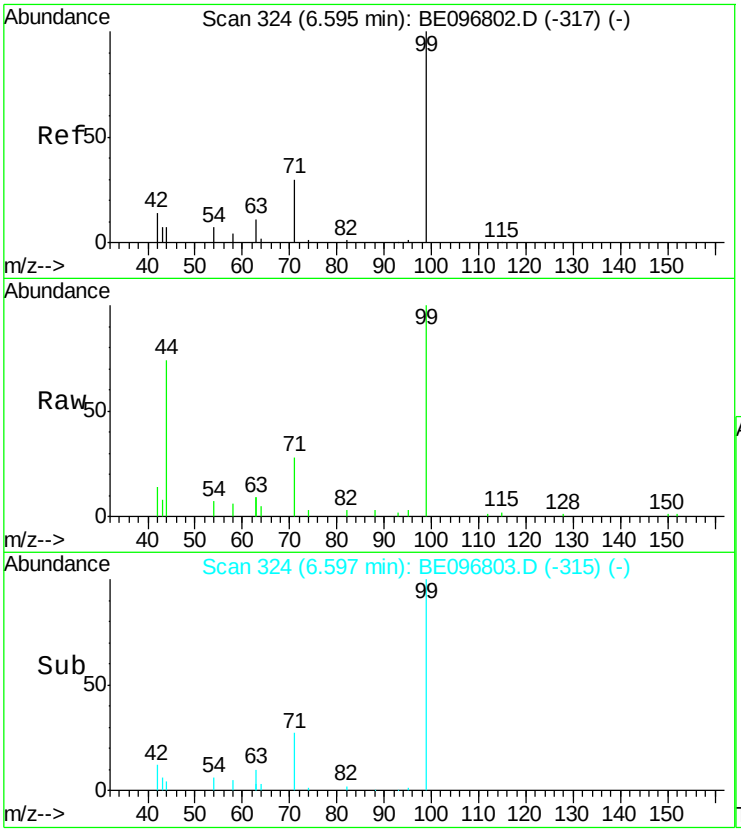


#4
2-Fluorophenol
Concen: 0.619 ng
RT: 5.05 min Scan# 190
Delta R.T. -0.01 min
Lab File: BE096803.D
Acq: 18 Jun 2018 11:27

Tgt Ion:112 Resp: 4335

Ion	Ratio	Lower	Upper
112	100		
64	70.8	60.1	90.1
63	150.2	116.8	175.2



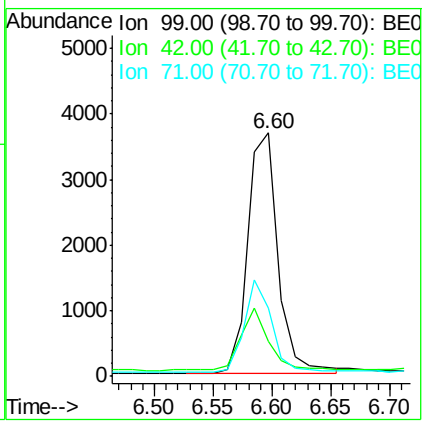


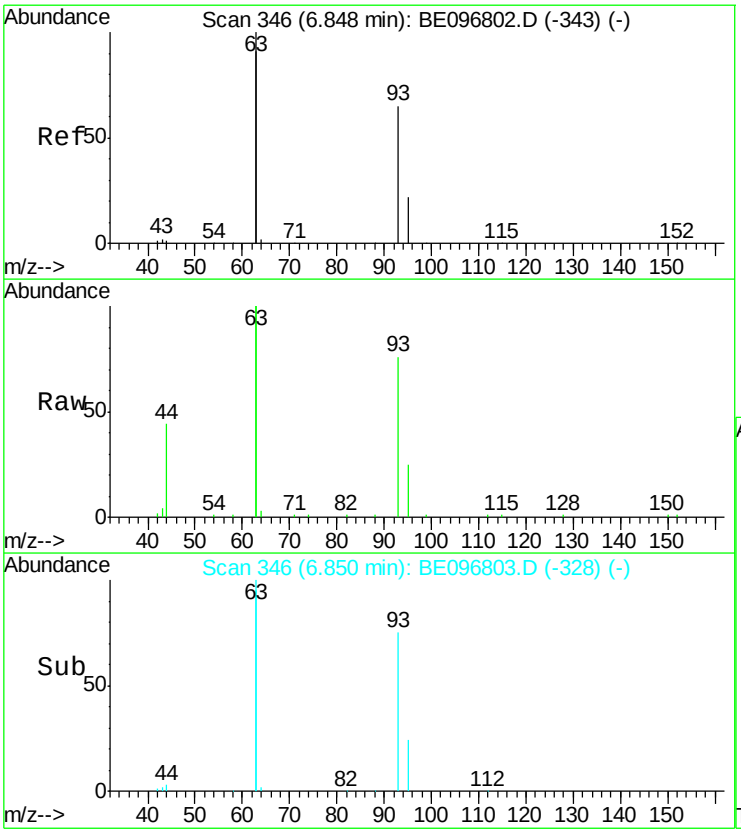
#5
Phenol-d6
Concen: 0.616 ng
RT: 6.60 min Scan# 324
Delta R.T. 0.00 min
Lab File: BE096803.D
Acq: 18 Jun 2018 11:27

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion: 99 Resp: 6549

Ion	Ratio	Lower	Upper
99	100		
42	23.9	20.2	30.2
71	35.1	28.4	42.6

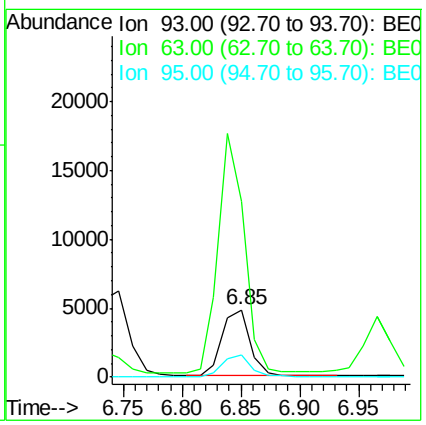


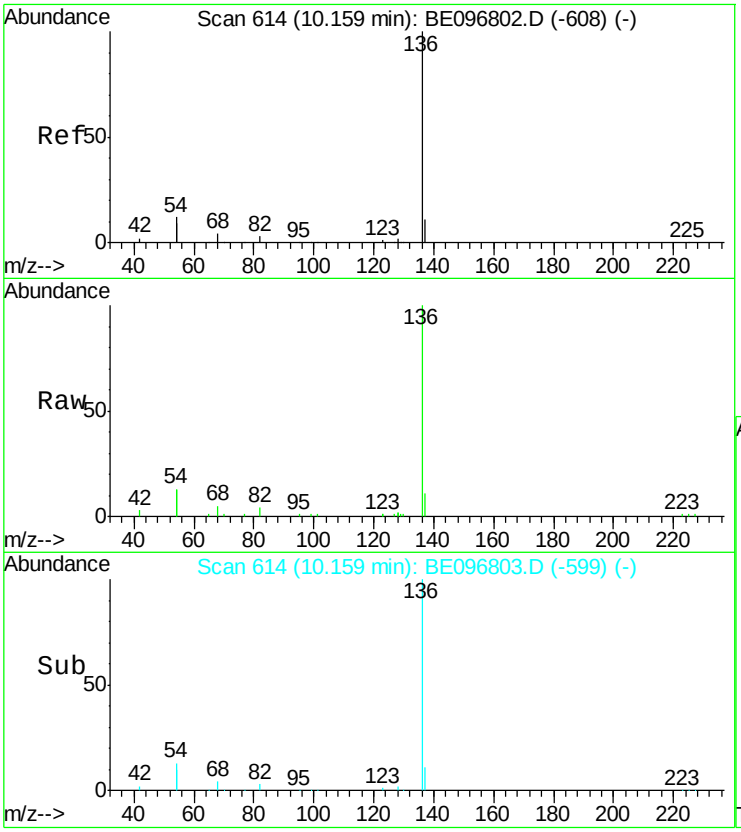


#6
bis(2-Chloroethyl)ether
Concen: 0.790 ng
RT: 6.85 min Scan# 346
Delta R.T. 0.00 min
Lab File: BE096803.D
Acq: 18 Jun 2018 11:27

Tgt Ion: 93 Resp: 7925

Ion	Ratio	Lower	Upper
93	100		
63	338.9	275.3	412.9
95	32.0	25.2	37.8



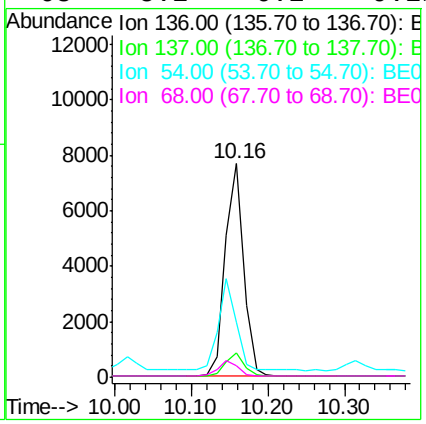


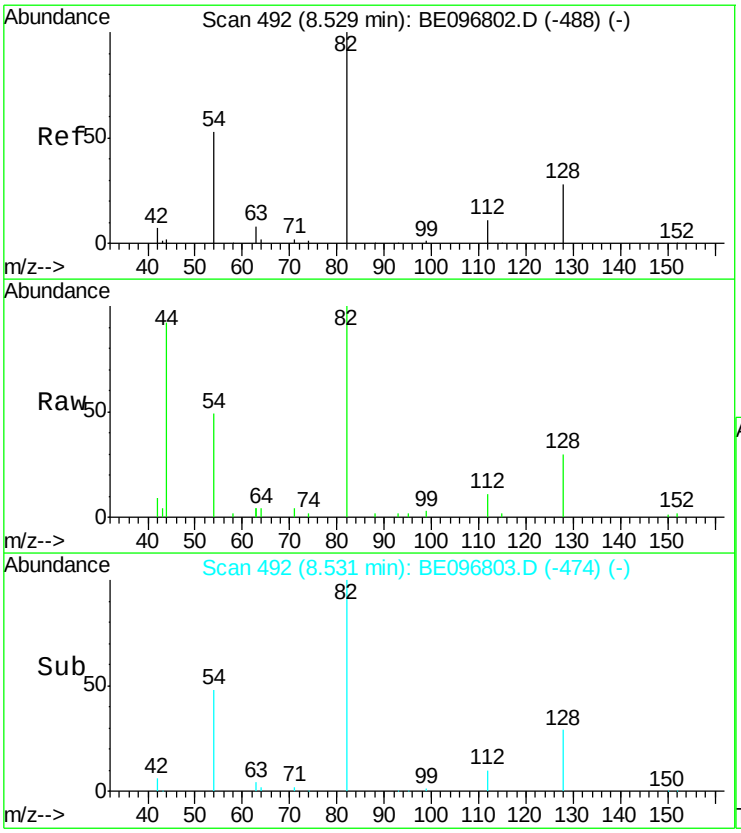
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.16 min Scan# 614
Delta R.T. -0.00 min
Lab File: BE096803.D
Acq: 18 Jun 2018 11:27

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:136 Resp: 12725

Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.5	14.3
54	25.9	29.1	43.7#
68	5.2	6.2	9.2#

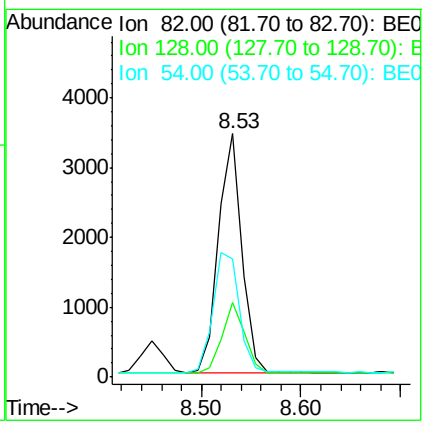


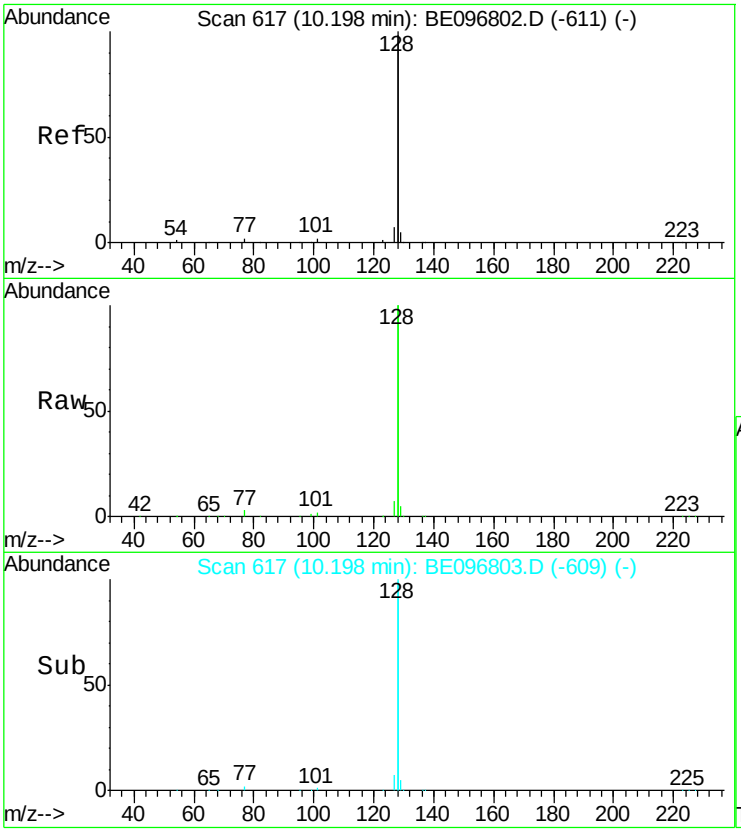


#8
Nitrobenzene-d5
Concen: 0.660 ng
RT: 8.53 min Scan# 492
Delta R.T. 0.00 min
Lab File: BE096803.D
Acq: 18 Jun 2018 11:27

Tgt Ion: 82 Resp: 5552

Ion	Ratio	Lower	Upper
82	100		
128	30.4	24.0	36.0
54	48.6	40.0	60.0



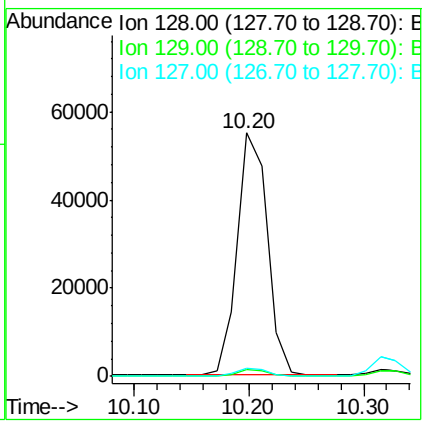


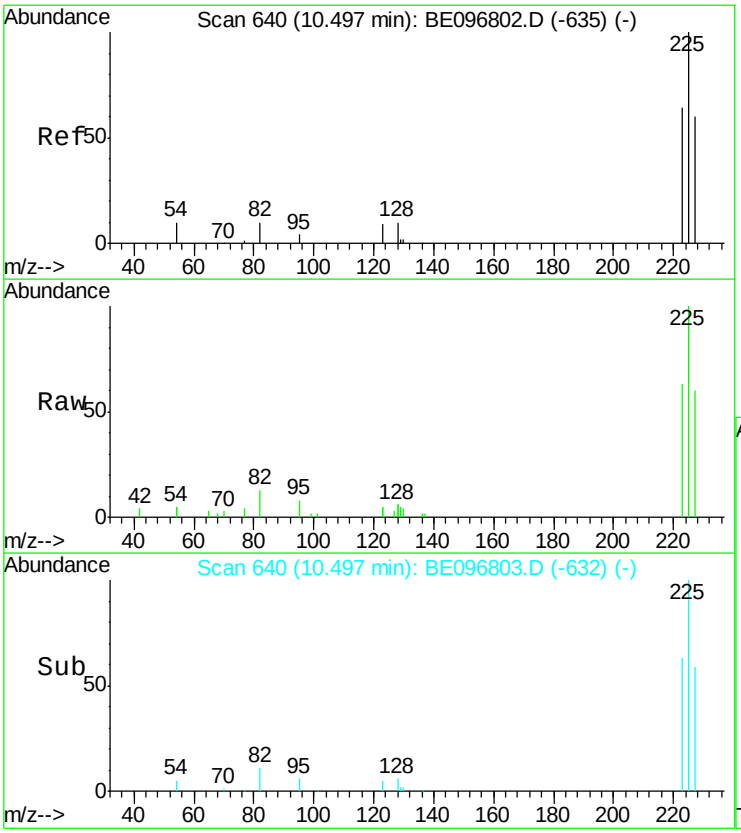
#9
Naphthalene
Concen: 0.801 ng
RT: 10.20 min Scan# 617
Delta R.T. -0.00 min
Lab File: BE096803.D
Acq: 18 Jun 2018 11:27

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:128 Resp: 99865

Ion	Ratio	Lower	Upper
128	100		
129	2.7	2.6	3.8
127	3.4	2.8	4.2

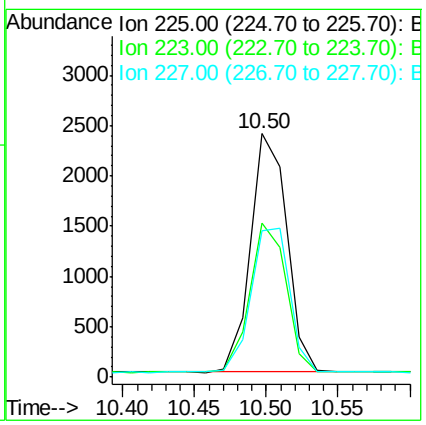


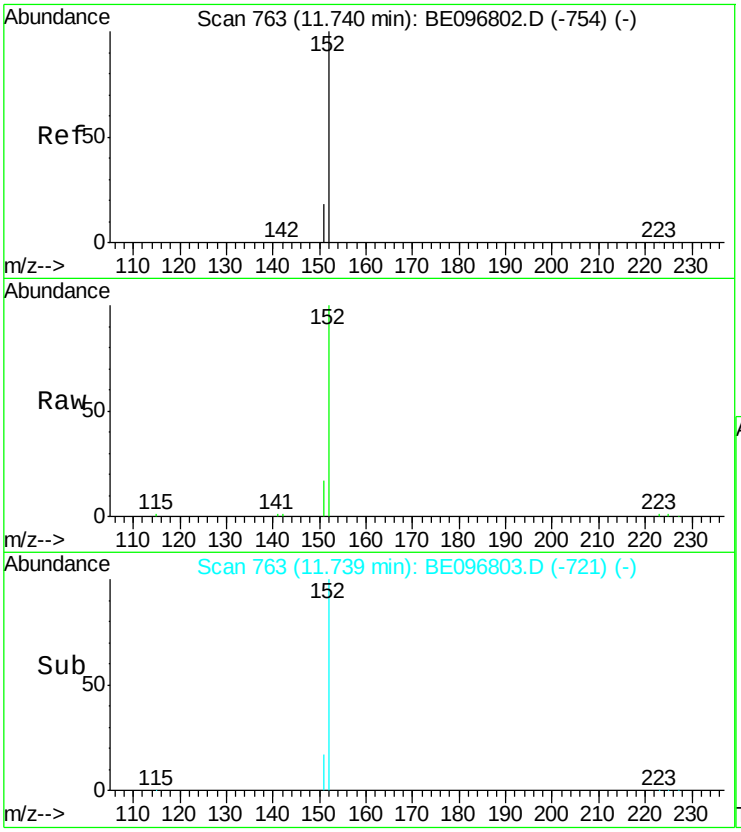


#10
Hexachlorobutadiene
Concen: 0.811 ng
RT: 10.50 min Scan# 640
Delta R.T. -0.00 min
Lab File: BE096803.D
Acq: 18 Jun 2018 11:27

Tgt Ion:225 Resp: 4156

Ion	Ratio	Lower	Upper
225	100		
223	63.0	53.0	79.6
227	64.4	51.4	77.2



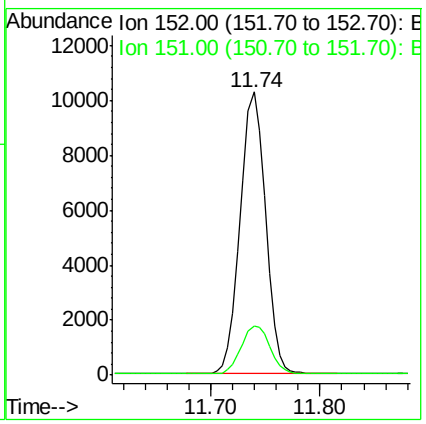


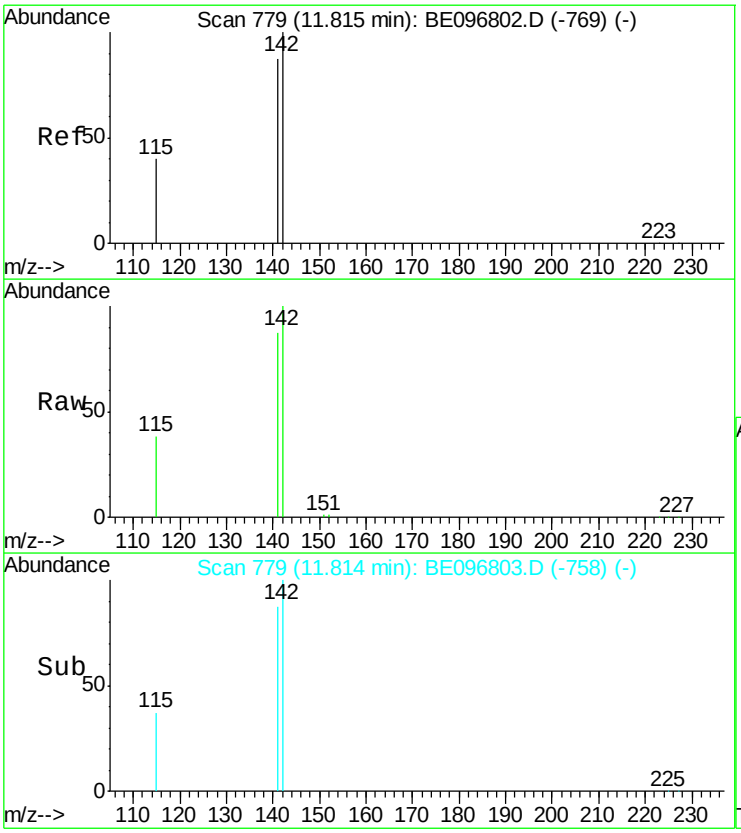
#11
2-Methylnaphthalene-d10
Concen: 0.773 ng
RT: 11.74 min Scan# 763
Delta R.T. -0.00 min
Lab File: BE096803.D
Acq: 18 Jun 2018 11:27

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:152 Resp: 16148

Ion	Ratio	Lower	Upper
152	100		
151	19.3	15.4	23.0

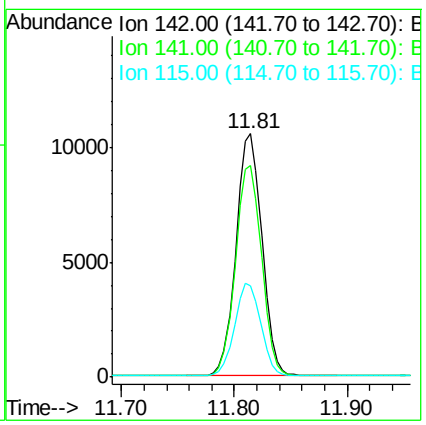


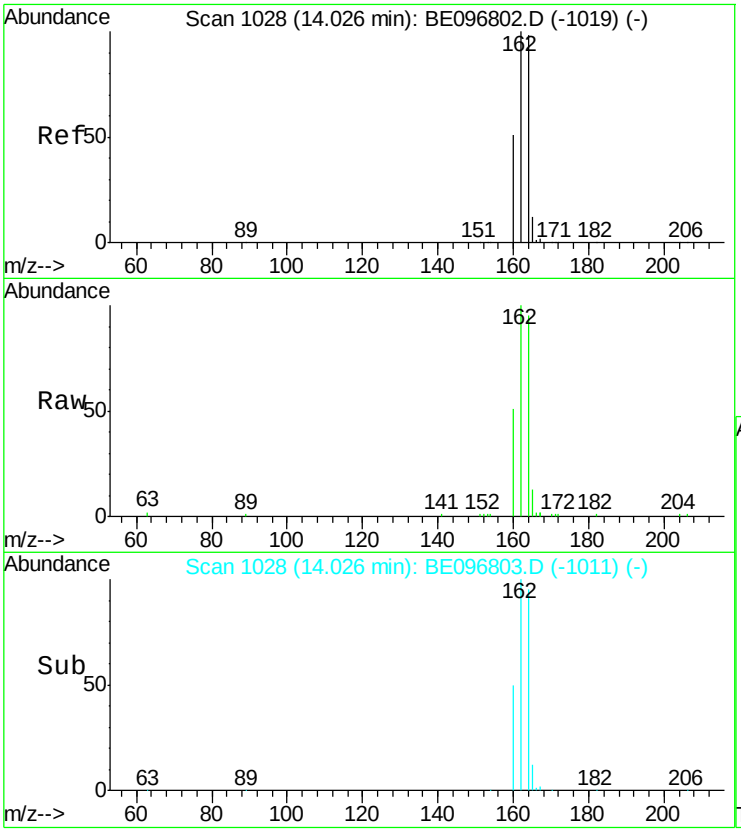


#12
2-Methylnaphthalene
Concen: 0.785 ng
RT: 11.81 min Scan# 779
Delta R.T. -0.00 min
Lab File: BE096803.D
Acq: 18 Jun 2018 11:27

Tgt Ion:142 Resp: 16855

Ion	Ratio	Lower	Upper
142	100		
141	86.8	70.4	105.6
115	37.7	31.7	47.5



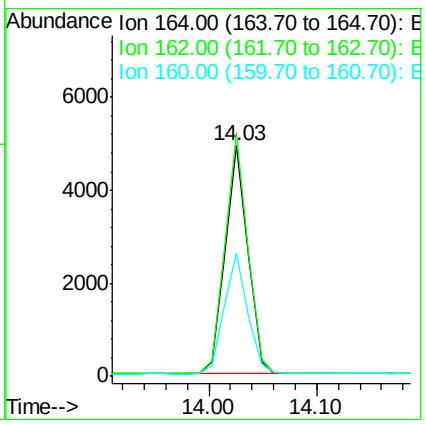


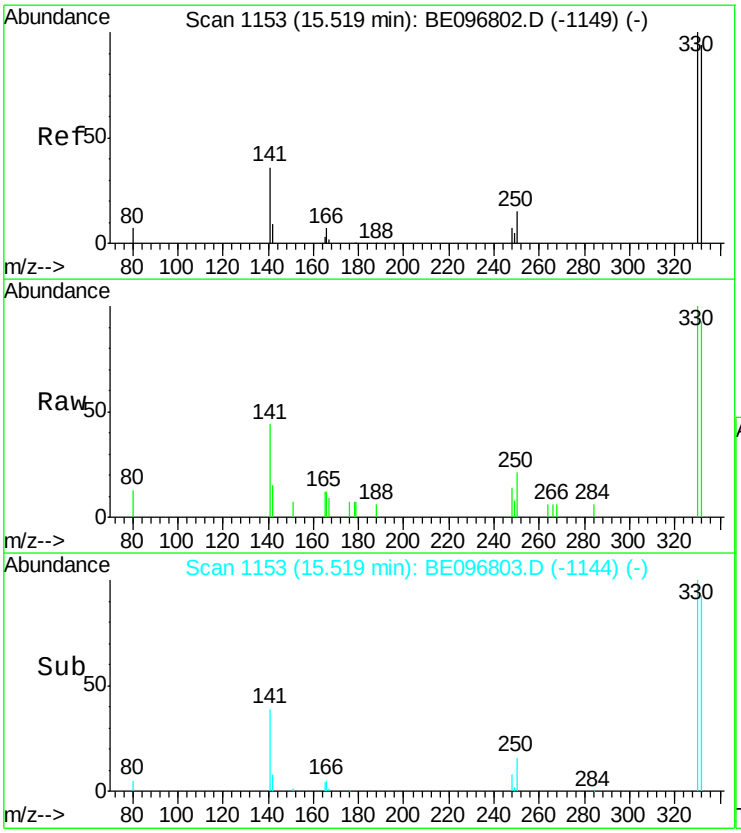
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.03 min Scan# 1028
Delta R.T. 0.00 min
Lab File: BE096803.D
Acq: 18 Jun 2018 11:27

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:164 Resp: 7098

Ion	Ratio	Lower	Upper
164	100		
162	105.7	83.1	124.7
160	53.8	37.1	55.7

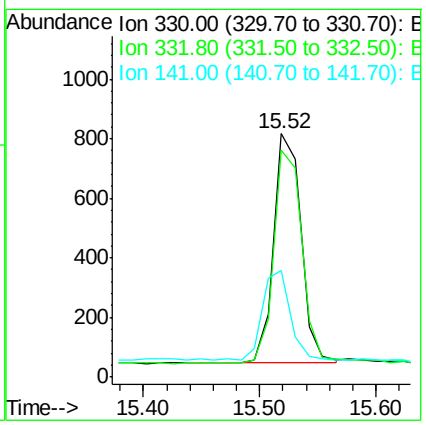


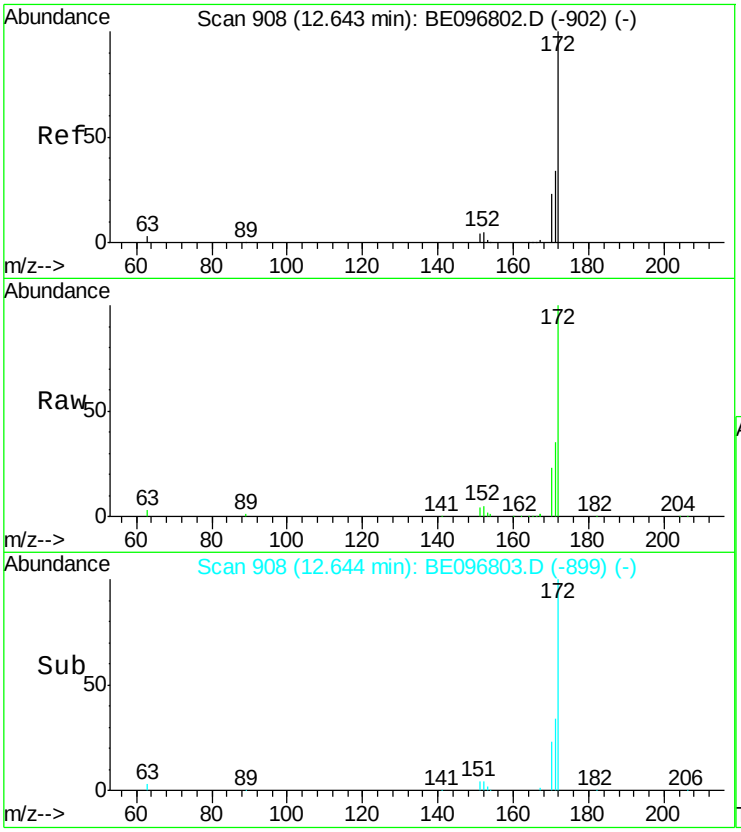


#14
2,4,6-Tribromophenol
Concen: 0.547 ng
RT: 15.52 min Scan# 1153
Delta R.T. -0.00 min
Lab File: BE096803.D
Acq: 18 Jun 2018 11:27

Tgt Ion:330 Resp: 1249

Ion	Ratio	Lower	Upper
330	100		
332	95.2	152.7	229.1#
141	40.9	33.7	50.5



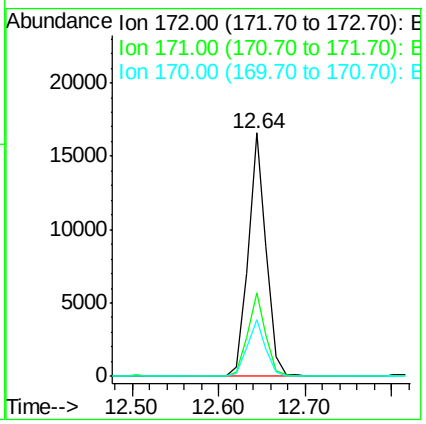


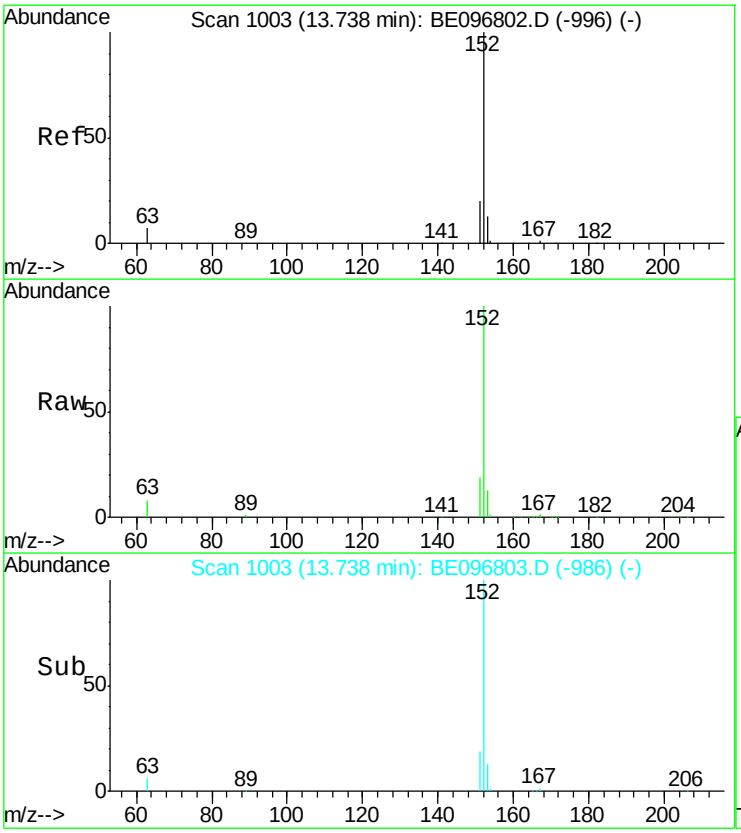
#15
2-Fluorobiphenyl
Concen: 0.850 ng
RT: 12.64 min Scan# 908
Delta R.T. 0.00 min
Lab File: BE096803.D
Acq: 18 Jun 2018 11:27

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:172 Resp: 23759

Ion	Ratio	Lower	Upper
172	100		
171	34.6	29.9	44.9
170	23.4	21.8	32.8

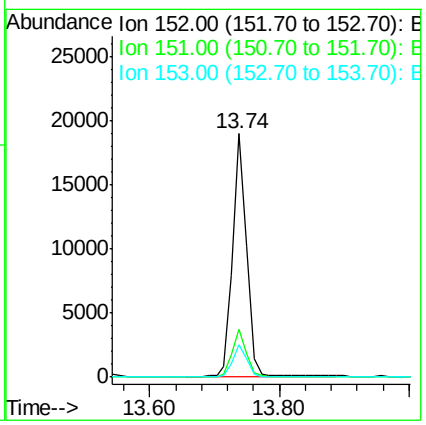


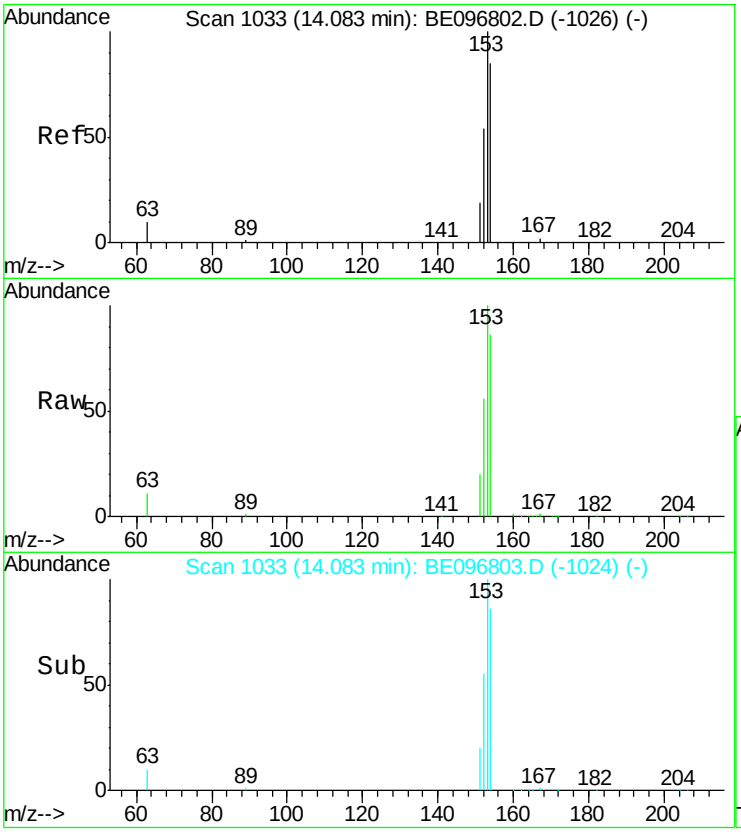


#16
Acenaphthylene
Concen: 0.807 ng
RT: 13.74 min Scan# 1003
Delta R.T. 0.00 min
Lab File: BE096803.D
Acq: 18 Jun 2018 11:27

Tgt Ion:152 Resp: 27724

Ion	Ratio	Lower	Upper
152	100		
151	19.5	15.7	23.5
153	13.0	10.5	15.7



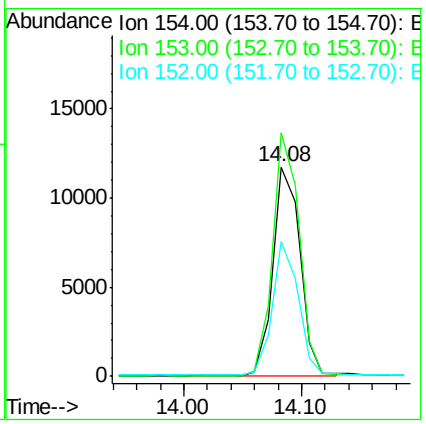


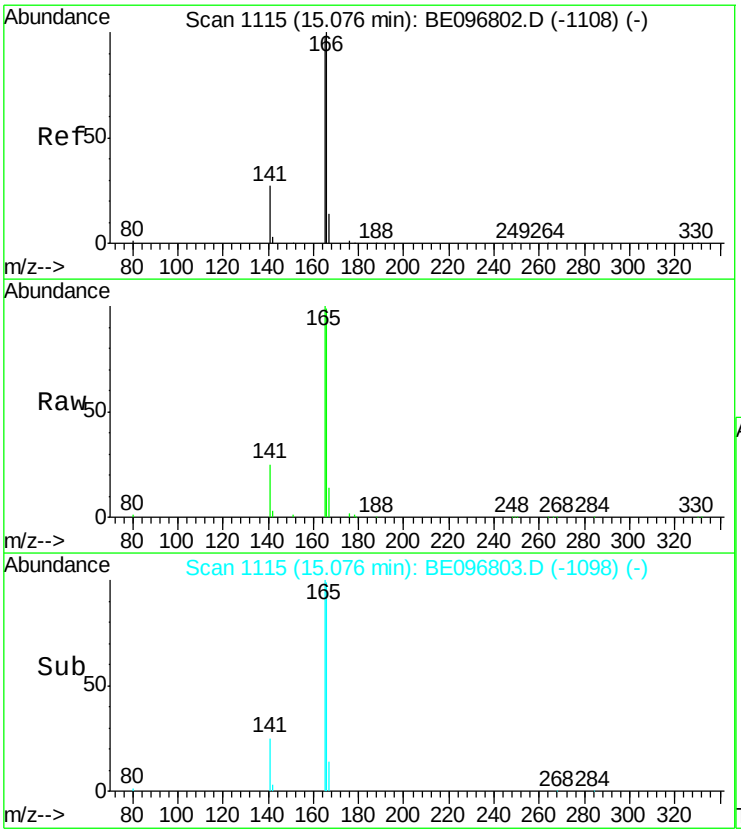
#17
Acenaphthene
Concen: 0.818 ng
RT: 14.08 min Scan# 1033
Delta R.T. 0.00 min
Lab File: BE096803.D
Acq: 18 Jun 2018 11:27

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:154 Resp: 18519

Ion	Ratio	Lower	Upper
154	100		
153	113.9	89.2	133.8
152	61.8	42.0	63.0

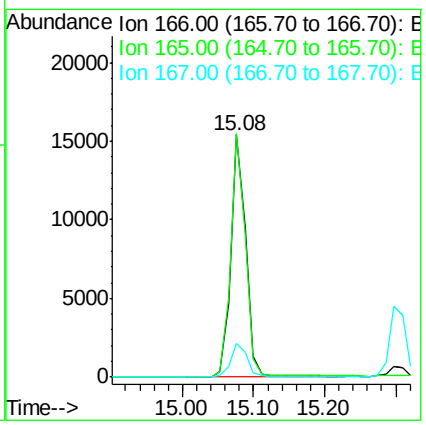


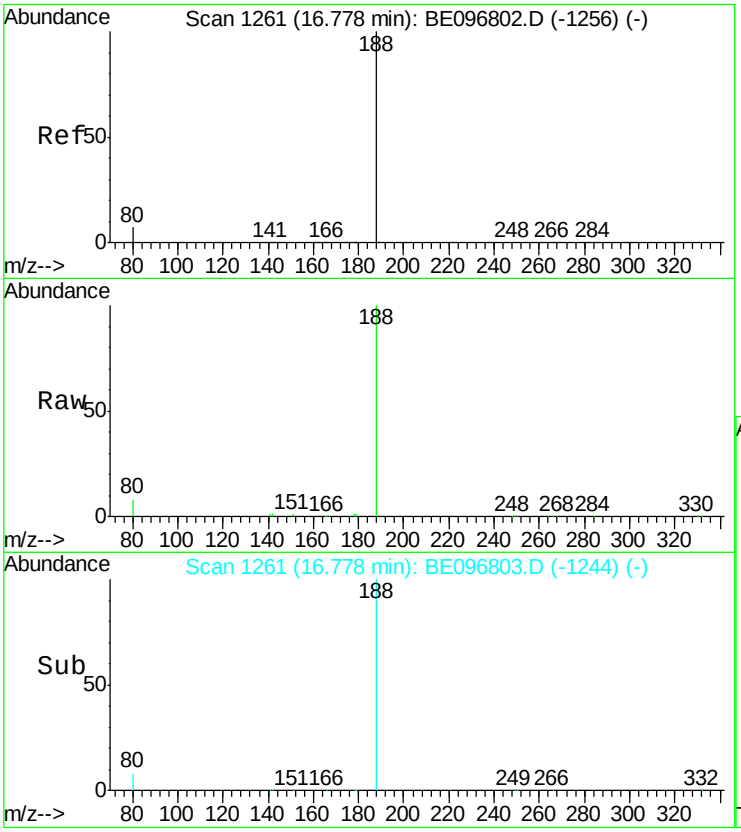


#18
Fluorene
Concen: 0.806 ng
RT: 15.08 min Scan# 1115
Delta R.T. -0.00 min
Lab File: BE096803.D
Acq: 18 Jun 2018 11:27

Tgt Ion:166 Resp: 21928

Ion	Ratio	Lower	Upper
166	100		
165	99.8	77.8	116.6
167	14.6	42.4	63.6#



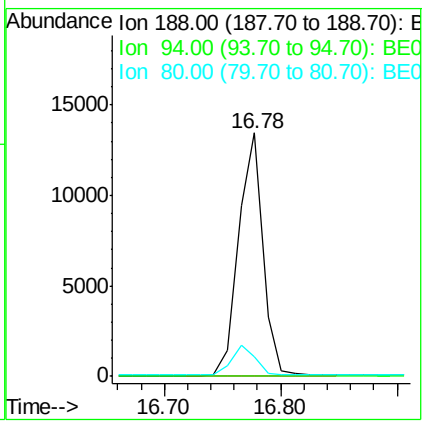


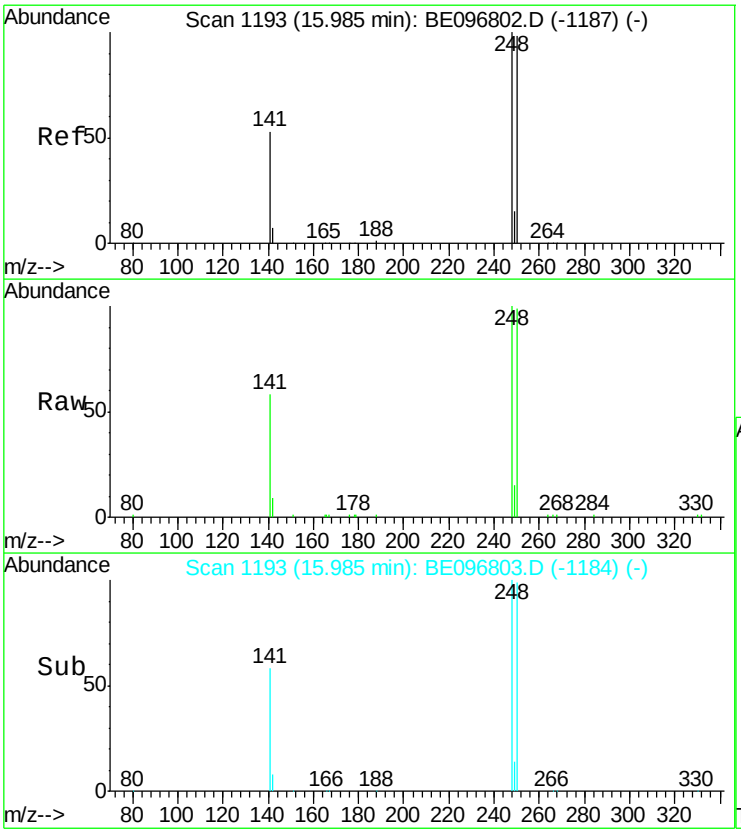
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.78 min Scan# 1261
Delta R.T. -0.00 min
Lab File: BE096803.D
Acq: 18 Jun 2018 11:27

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:188 Resp: 19456

Ion	Ratio	Lower	Upper
188	100		
94	0.0	3.9	5.9#
80	8.2	3.6	5.4#

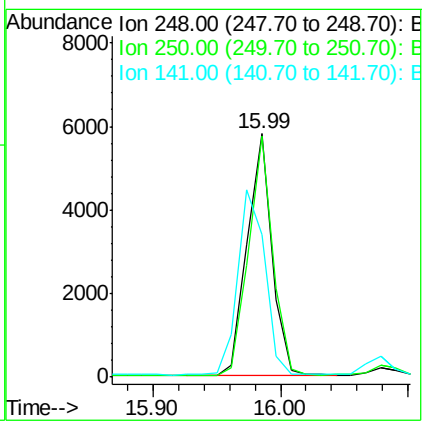


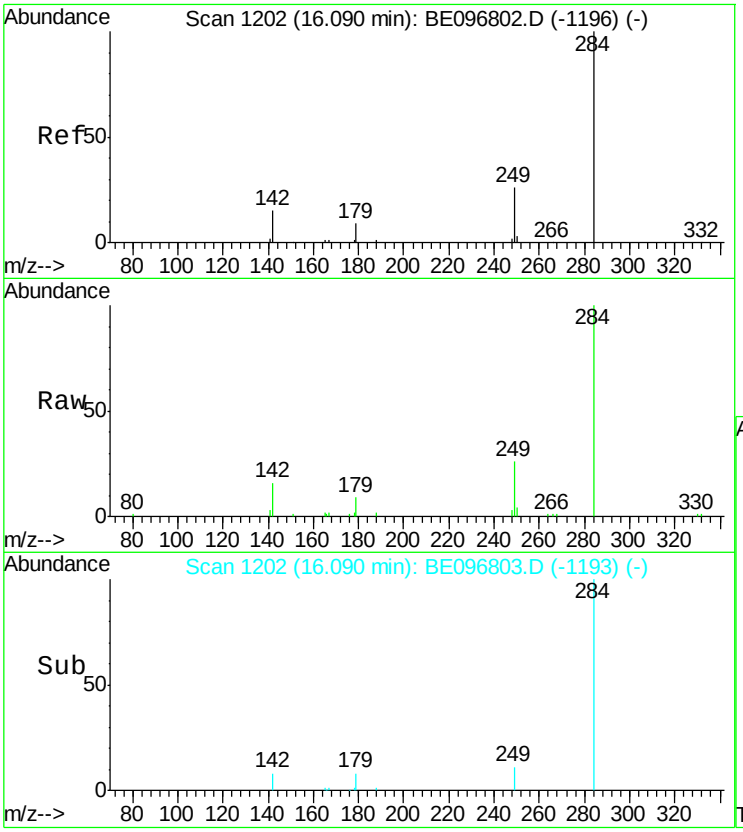


#20
4-Bromophenyl-phenylether
Concen: 0.809 ng
RT: 15.99 min Scan# 1193
Delta R.T. -0.00 min
Lab File: BE096803.D
Acq: 18 Jun 2018 11:27

Tgt Ion:248 Resp: 7773

Ion	Ratio	Lower	Upper
248	100		
250	98.9	62.7	94.1#
141	58.5	48.2	72.2



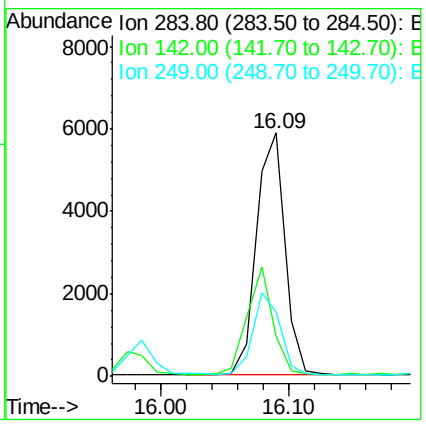


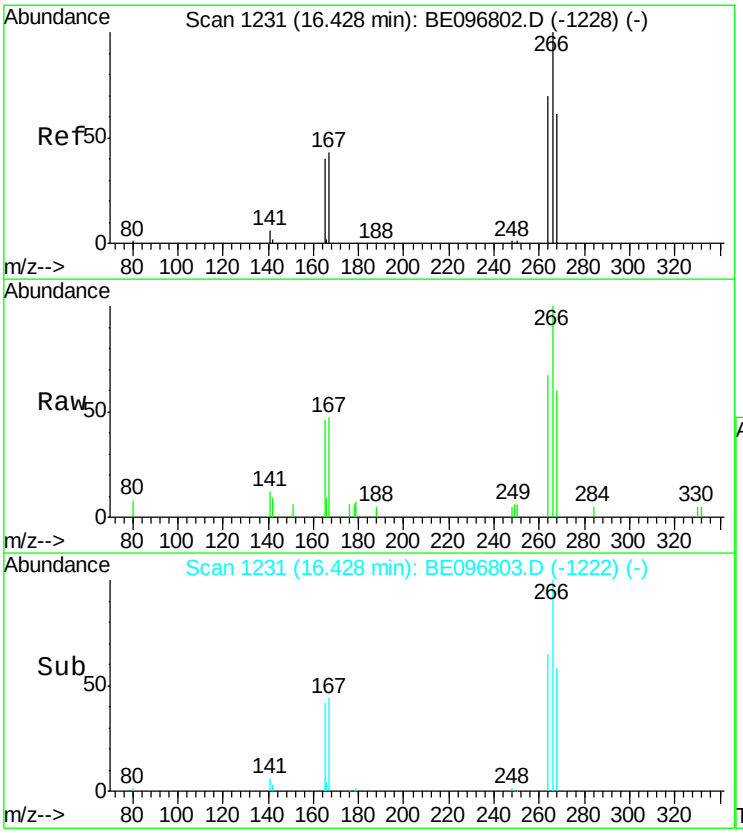
#21
Hexachlorobenzene
Concen: 0.831 ng
RT: 16.09 min Scan# 1202
Delta R.T. -0.00 min
Lab File: BE096803.D
Acq: 18 Jun 2018 11:27

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:284 Resp: 9035

Ion	Ratio	Lower	Upper
284	100		
142	39.7	22.1	33.1#
249	31.8	34.8	52.2#

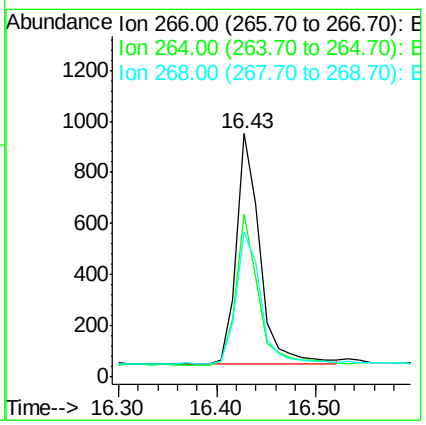


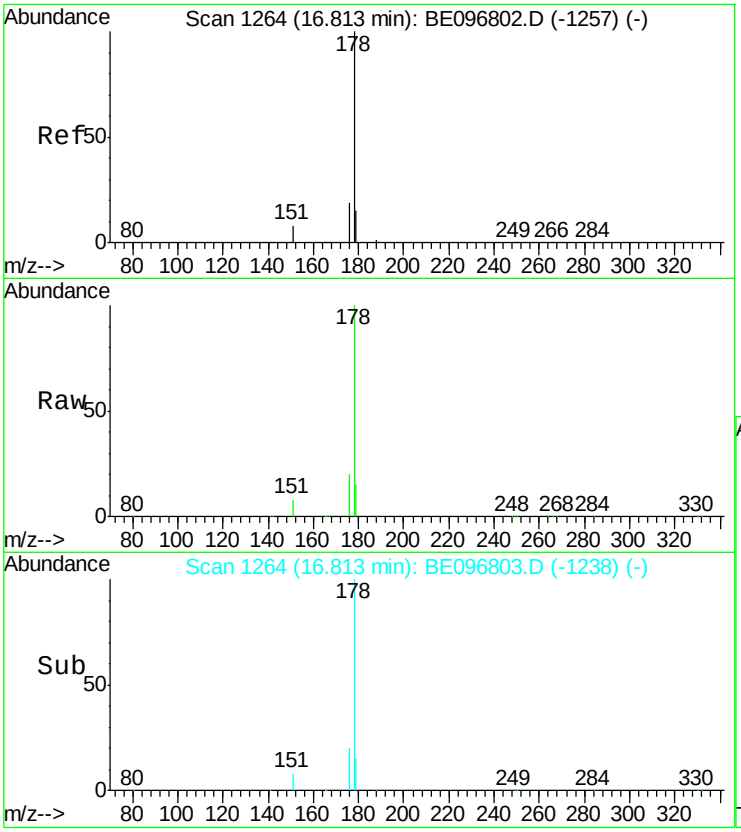


#22
Pentachlorophenol
Concen: 0.597 ng
RT: 16.43 min Scan# 1231
Delta R.T. -0.00 min
Lab File: BE096803.D
Acq: 18 Jun 2018 11:27

Tgt Ion:266 Resp: 1513

Ion	Ratio	Lower	Upper
266	100		
264	67.0	72.5	108.7#
268	59.8	73.8	110.6#



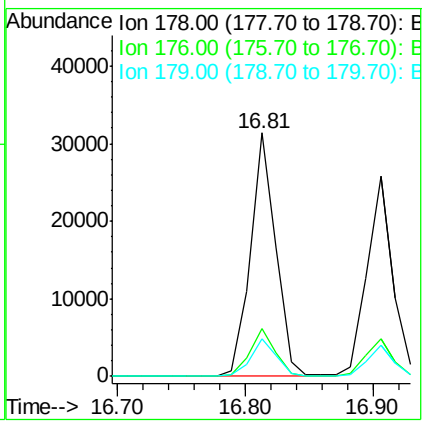


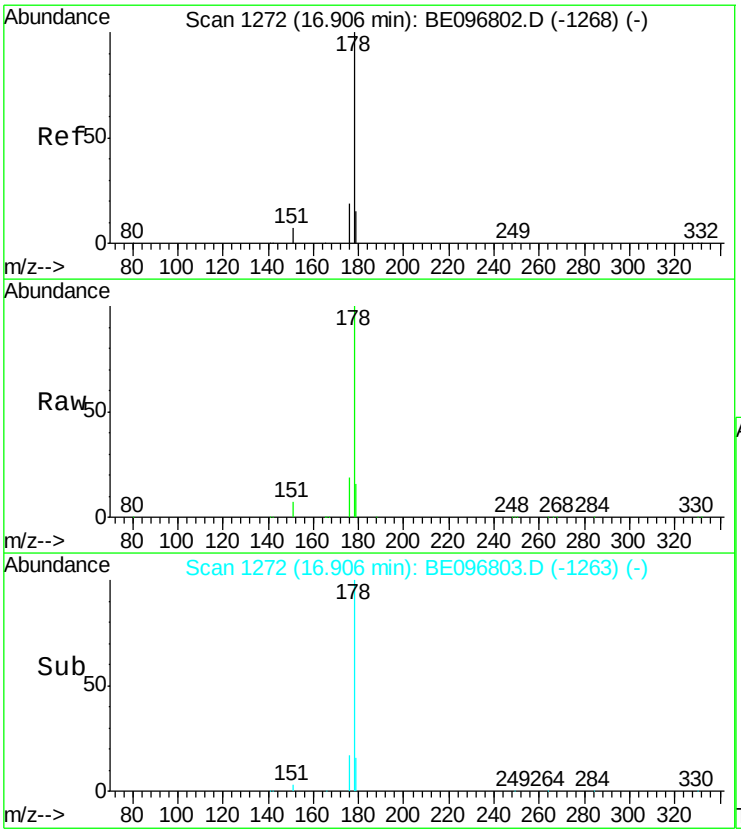
#23
Phenanthrene
Concen: 0.815 ng
RT: 16.81 min Scan# 1264
Delta R.T. -0.00 min
Lab File: BE096803.D
Acq: 18 Jun 2018 11:27

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:178 Resp: 43034

Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.1	22.7
179	15.3	11.8	17.6

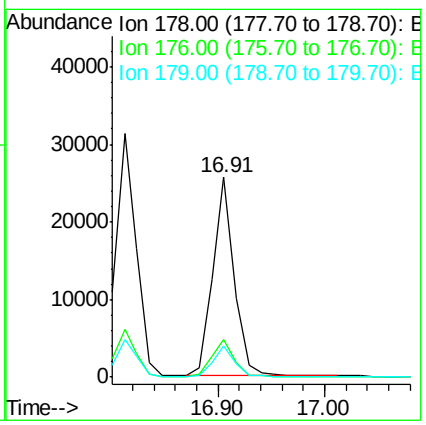


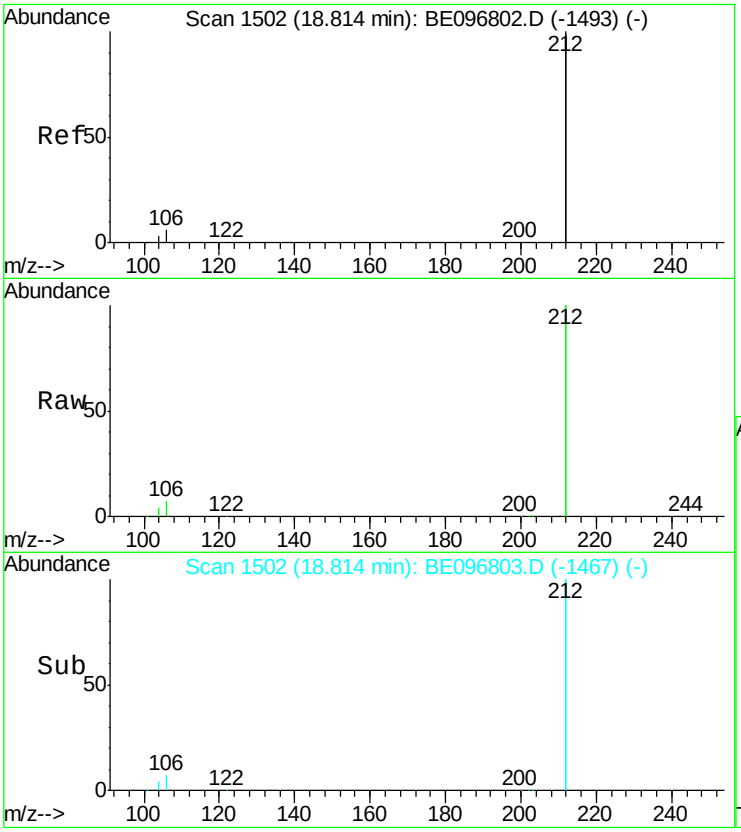


#24
Anthracene
Concen: 0.797 ng
RT: 16.91 min Scan# 1272
Delta R.T. -0.00 min
Lab File: BE096803.D
Acq: 18 Jun 2018 11:27

Tgt Ion:178 Resp: 35985

Ion	Ratio	Lower	Upper
178	100		
176	18.9	12.8	19.2
179	15.3	13.0	19.6



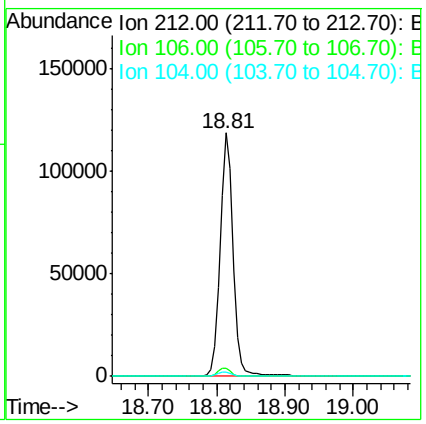


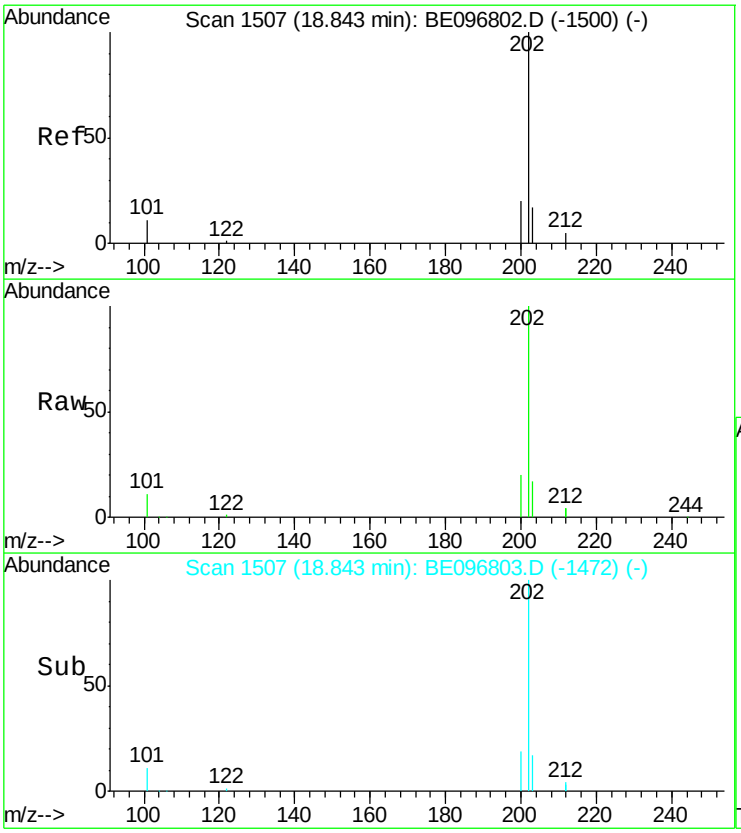
#25
Fluoranthene-d10
Concen: 0.790 ng
RT: 18.81 min Scan# 1502
Delta R.T. -0.00 min
Lab File: BE096803.D
Acq: 18 Jun 2018 11:27

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:212 Resp: 157732

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

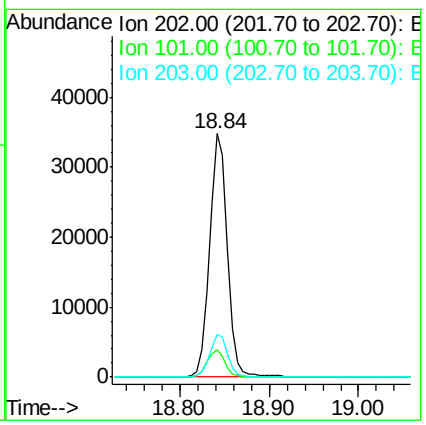


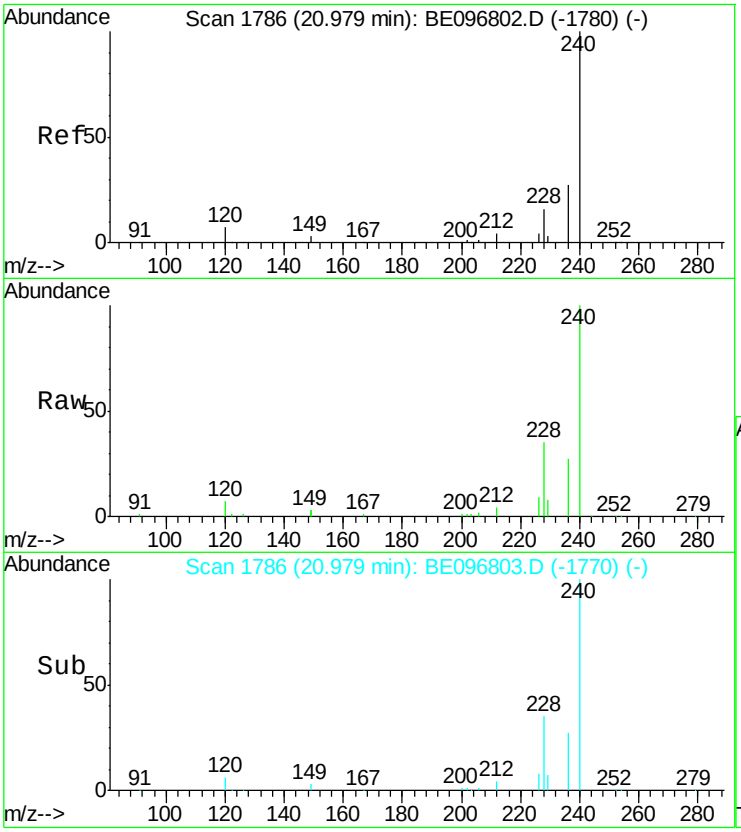


#26
Fluoranthene
Concen: 0.814 ng
RT: 18.84 min Scan# 1507
Delta R.T. -0.00 min
Lab File: BE096803.D
Acq: 18 Jun 2018 11:27

Tgt Ion:202 Resp: 47299

Ion	Ratio	Lower	Upper
202	100		
101	11.6	9.8	14.8
203	17.3	13.7	20.5



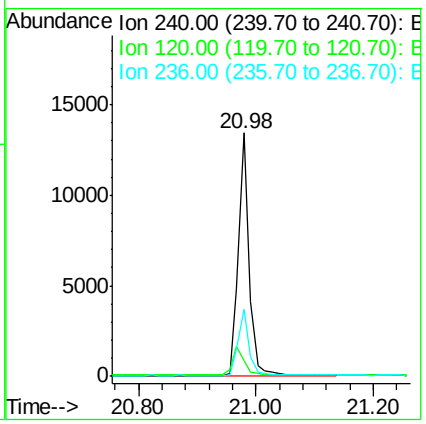


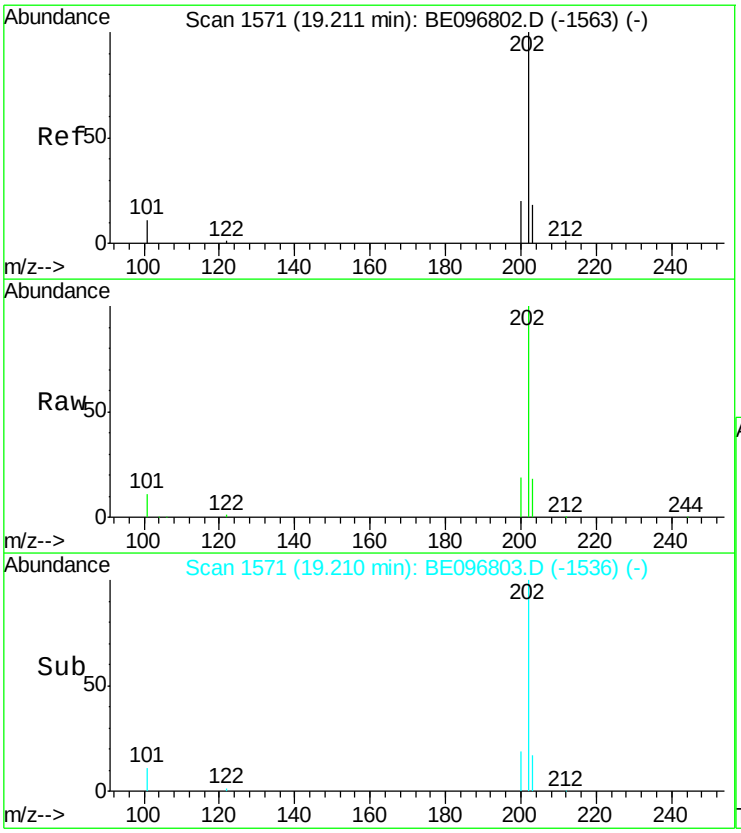
#27
Chrysene-d12
Concen: 0.400 ng
RT: 20.98 min Scan# 1786
Delta R.T. -0.00 min
Lab File: BE096803.D
Acq: 18 Jun 2018 11:27

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:240 Resp: 17318

Ion	Ratio	Lower	Upper
240	100		
120	6.6	5.5	8.3
236	27.4	20.7	31.1

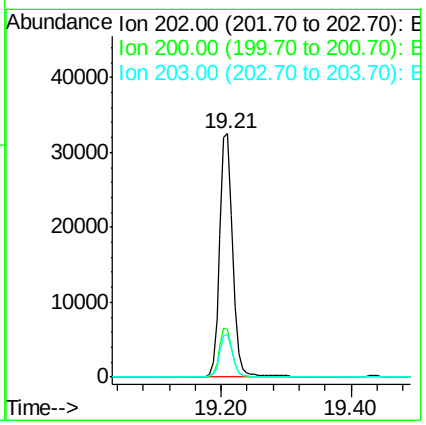


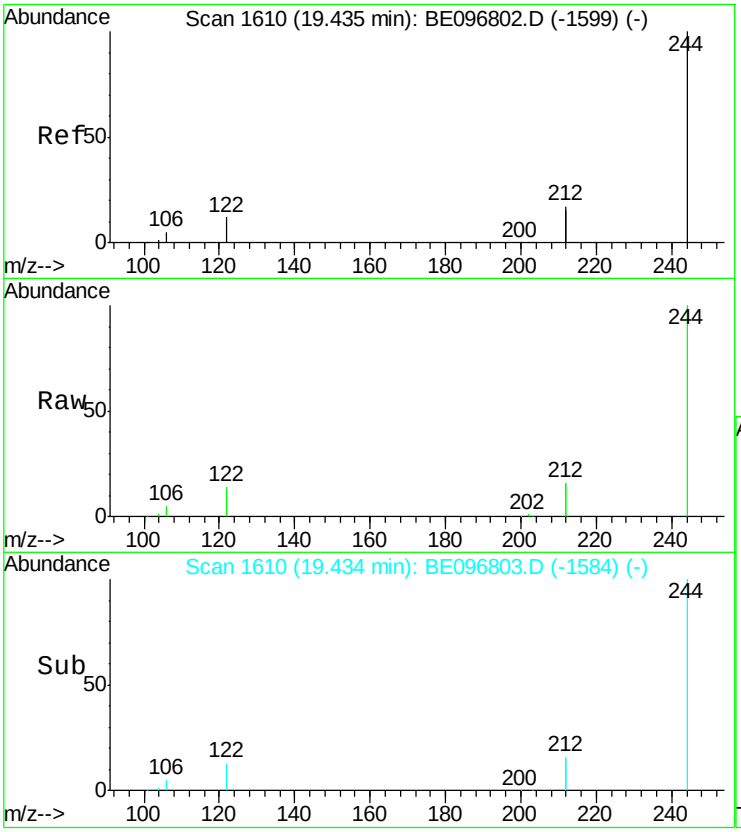


#28
Pyrene
Concen: 0.813 ng
RT: 19.21 min Scan# 1571
Delta R.T. -0.00 min
Lab File: BE096803.D
Acq: 18 Jun 2018 11:27

Tgt Ion:202 Resp: 45235

Ion	Ratio	Lower	Upper
202	100		
200	19.6	16.6	25.0
203	17.2	13.8	20.8



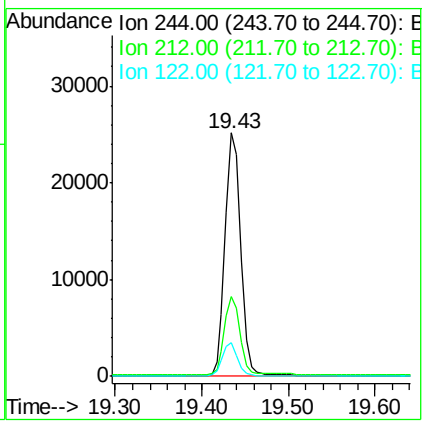


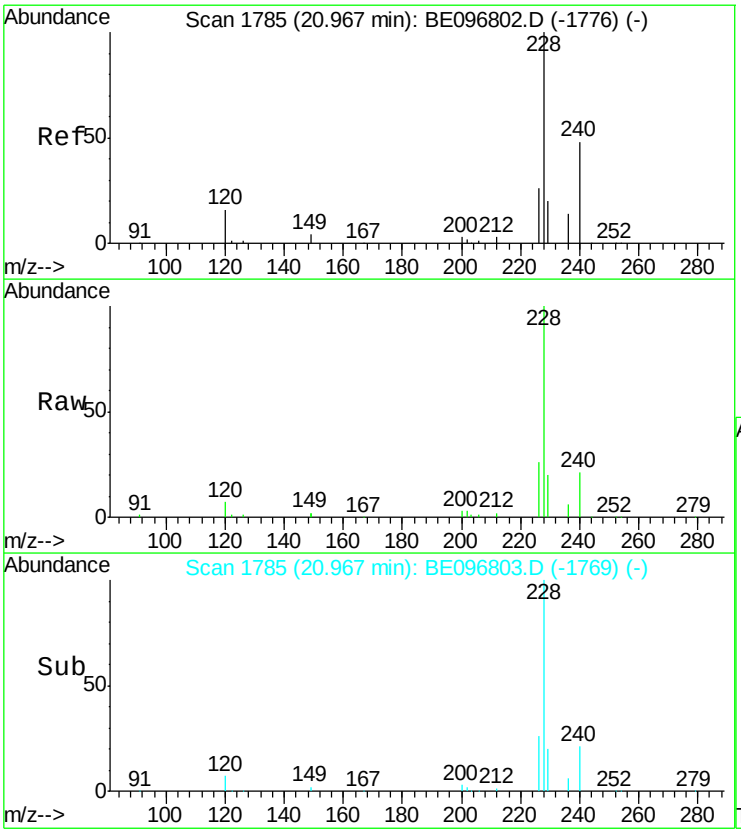
#29
Terphenyl-d14
Concen: 0.823 ng
RT: 19.43 min Scan# 1610
Delta R.T. -0.00 min
Lab File: BE096803.D
Acq: 18 Jun 2018 11:27

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:244 Resp: 31364

Ion	Ratio	Lower	Upper
244	100		
212	32.8	25.4	38.0
122	13.6	8.1	12.1#

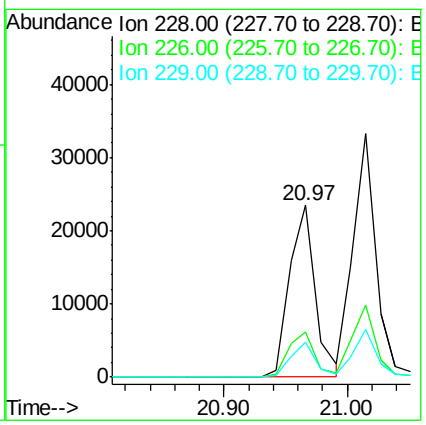


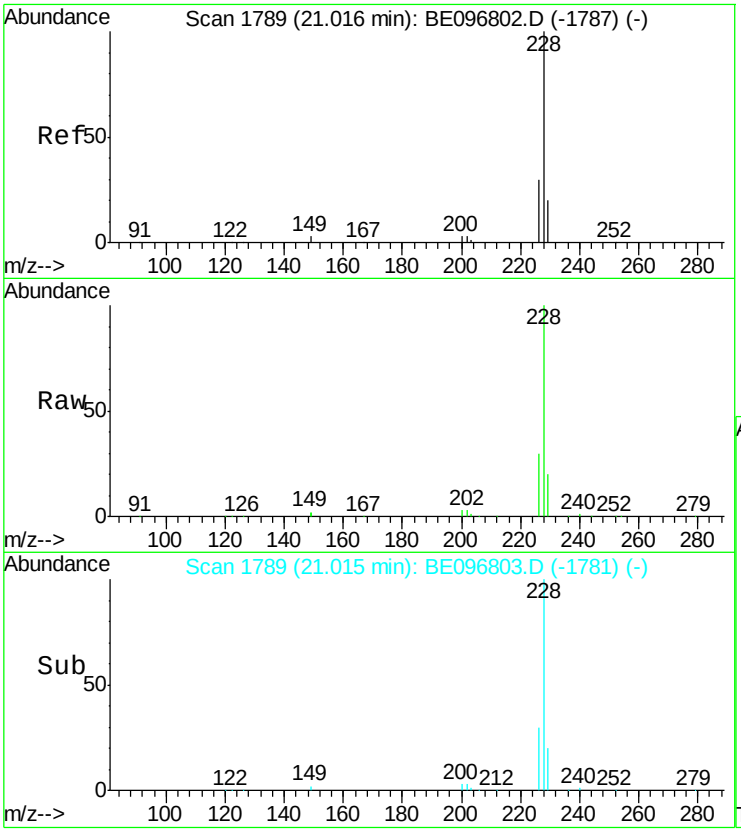


#30
Benzo(a)anthracene
Concen: 0.741 ng
RT: 20.97 min Scan# 1785
Delta R.T. -0.00 min
Lab File: BE096803.D
Acq: 18 Jun 2018 11:27

Tgt Ion:228 Resp: 33860

Ion	Ratio	Lower	Upper
228	100		
226	26.2	24.0	36.0
229	20.0	16.0	24.0



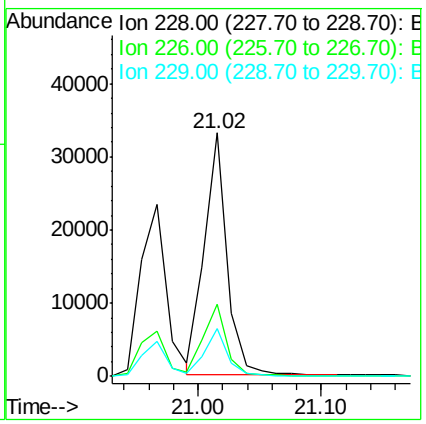


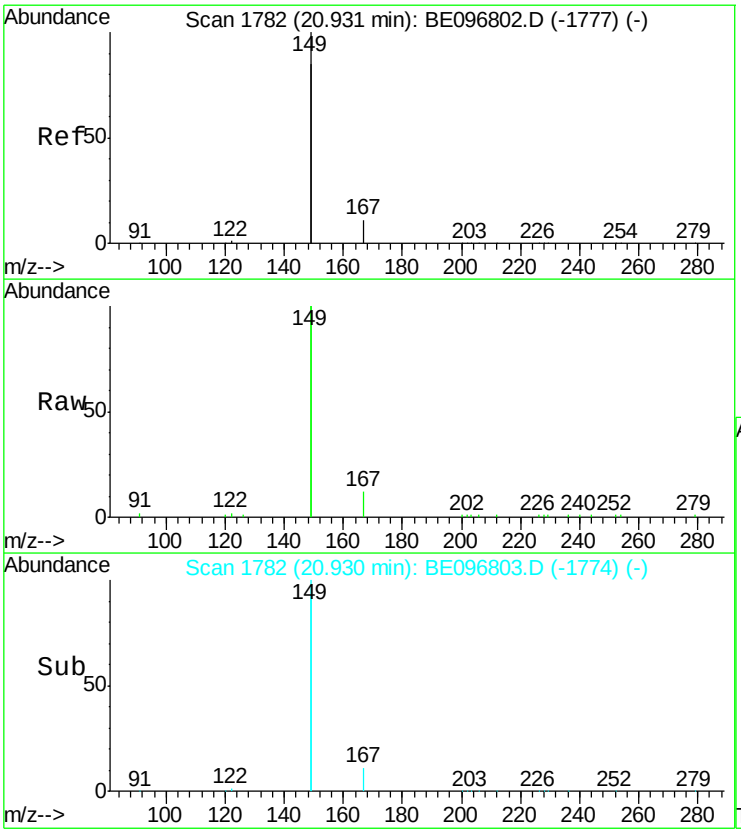
#31
Chrysene
Concen: 0.808 ng
RT: 21.02 min Scan# 1789
Delta R.T. -0.00 min
Lab File: BE096803.D
Acq: 18 Jun 2018 11:27

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:228 Resp: 42650

Ion	Ratio	Lower	Upper
228	100		
226	29.8	24.0	36.0
229	19.8	16.0	24.0

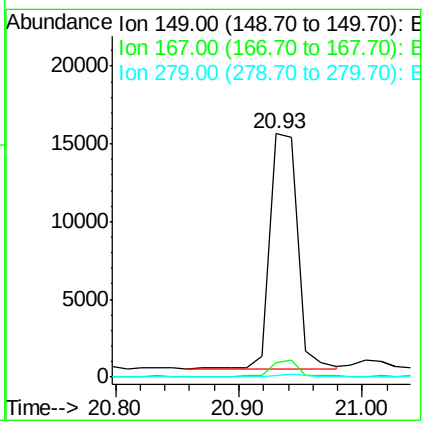


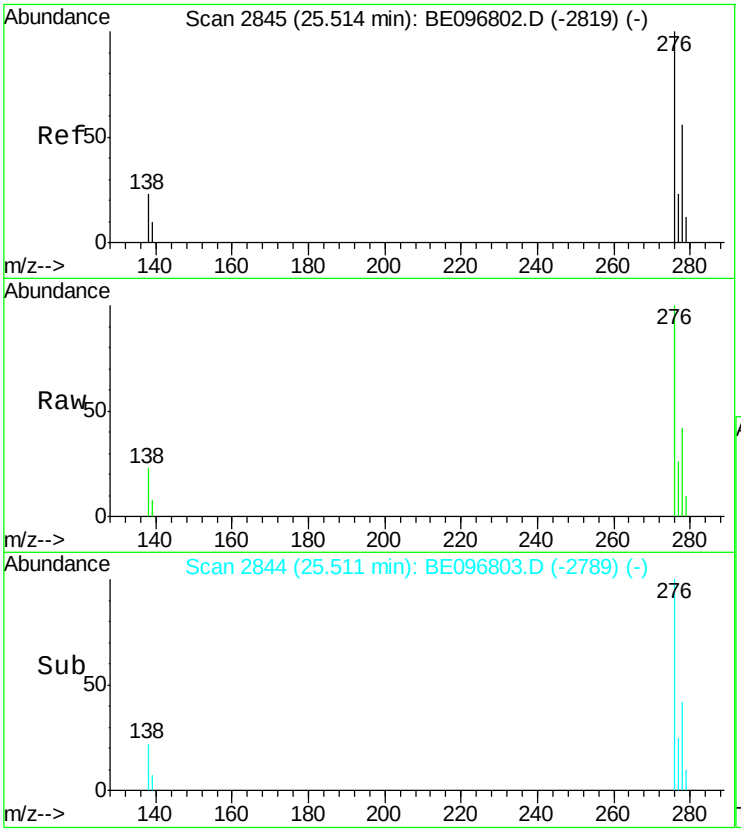


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.538 ng
RT: 20.93 min Scan# 1782
Delta R.T. -0.00 min
Lab File: BE096803.D
Acq: 18 Jun 2018 11:27

Tgt Ion:149 Resp: 23500

Ion	Ratio	Lower	Upper
149	100		
167	6.3	5.4	8.0
279	0.9	0.7	1.1



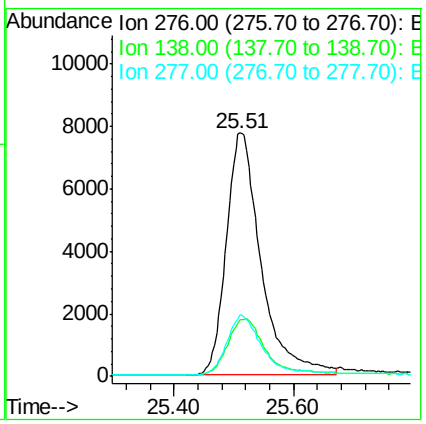


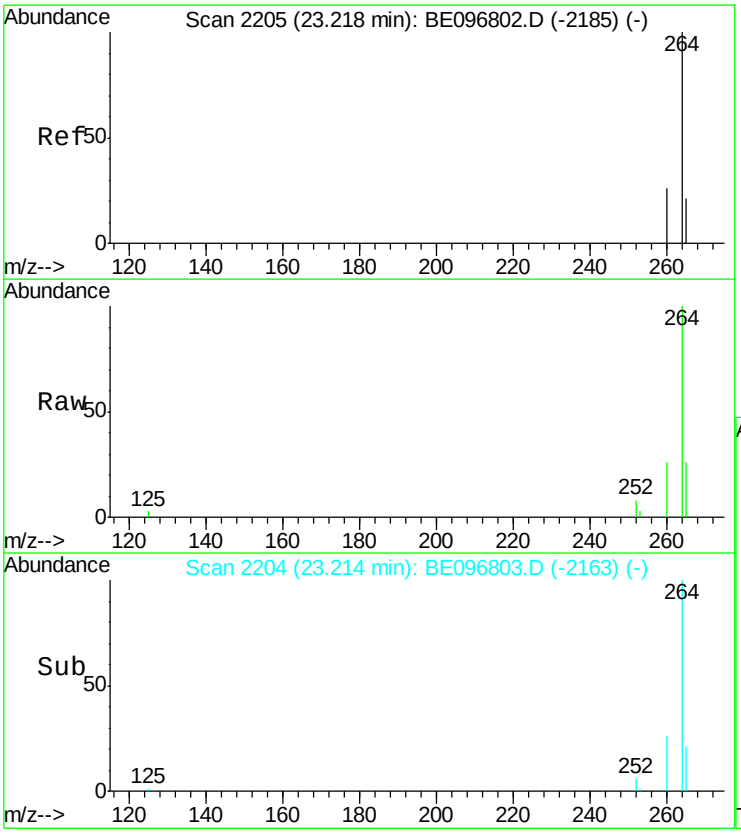
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.686 ng
RT: 25.51 min Scan# 2844
Delta R.T. -0.00 min
Lab File: BE096803.D
Acq: 18 Jun 2018 11:27

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:276 Resp: 31324

Ion	Ratio	Lower	Upper
276	100		
138	24.4	22.5	33.7
277	24.9	19.9	29.9

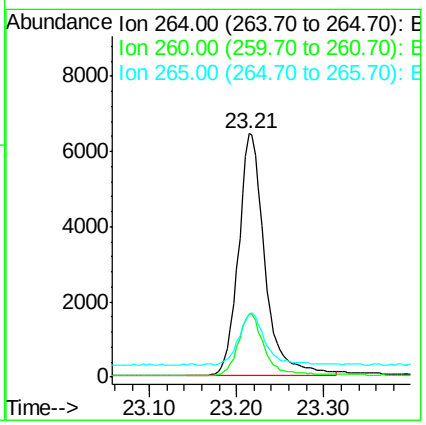


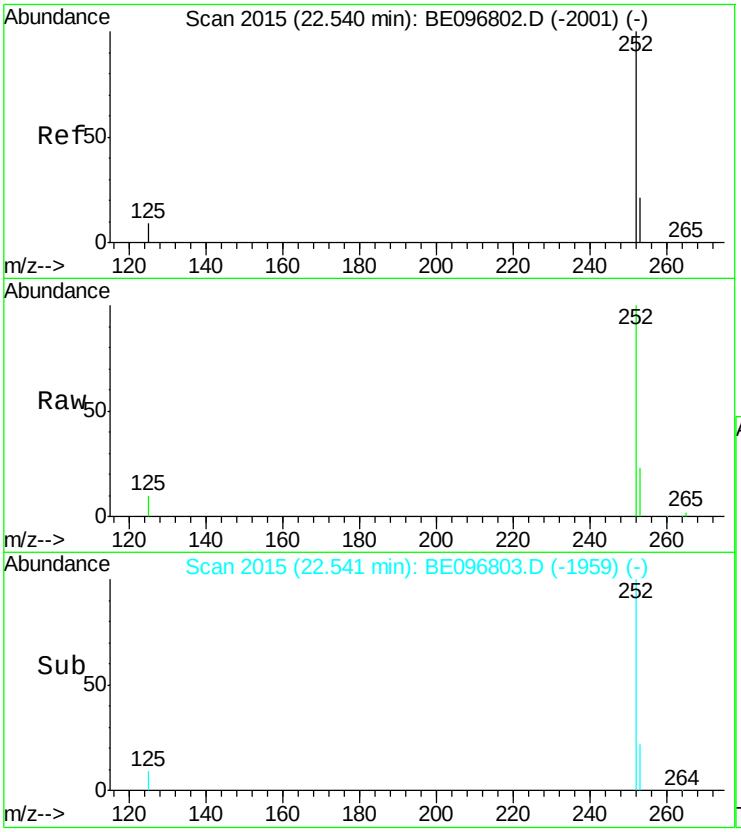


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.21 min Scan# 2204
Delta R.T. -0.00 min
Lab File: BE096803.D
Acq: 18 Jun 2018 11:27

Tgt Ion:264 Resp: 13441

Ion	Ratio	Lower	Upper
264	100		
260	26.1	20.5	30.7
265	25.8	22.8	34.2



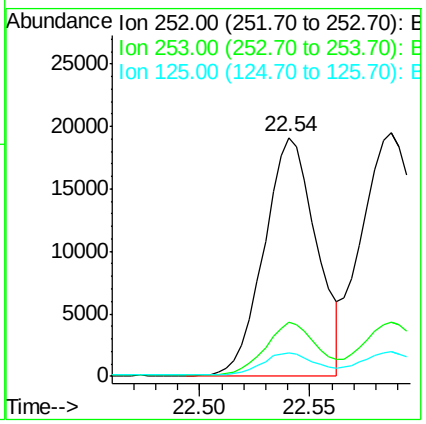


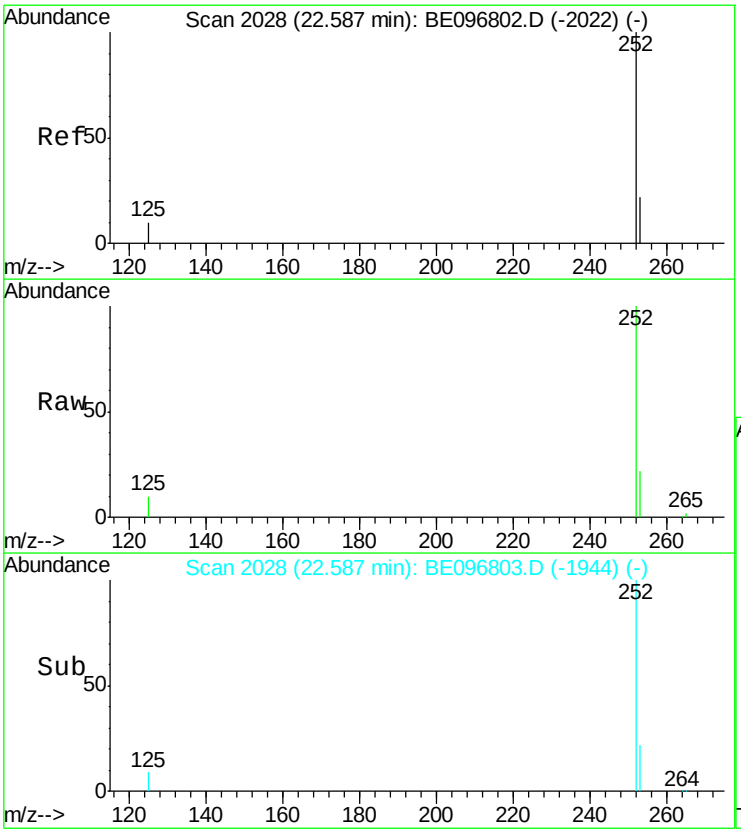
#35
Benzo(b)fluoranthene
Concen: 0.819 ng
RT: 22.54 min Scan# 2015
Delta R.T. 0.00 min
Lab File: BE096803.D
Acq: 18 Jun 2018 11:27

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:252 Resp: 31287

Ion	Ratio	Lower	Upper
252	100		
253	22.6	20.0	30.0
125	10.0	16.0	24.0#

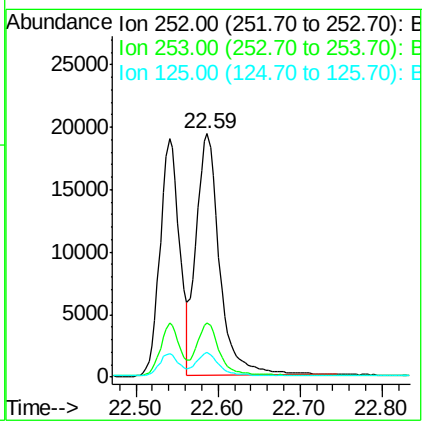


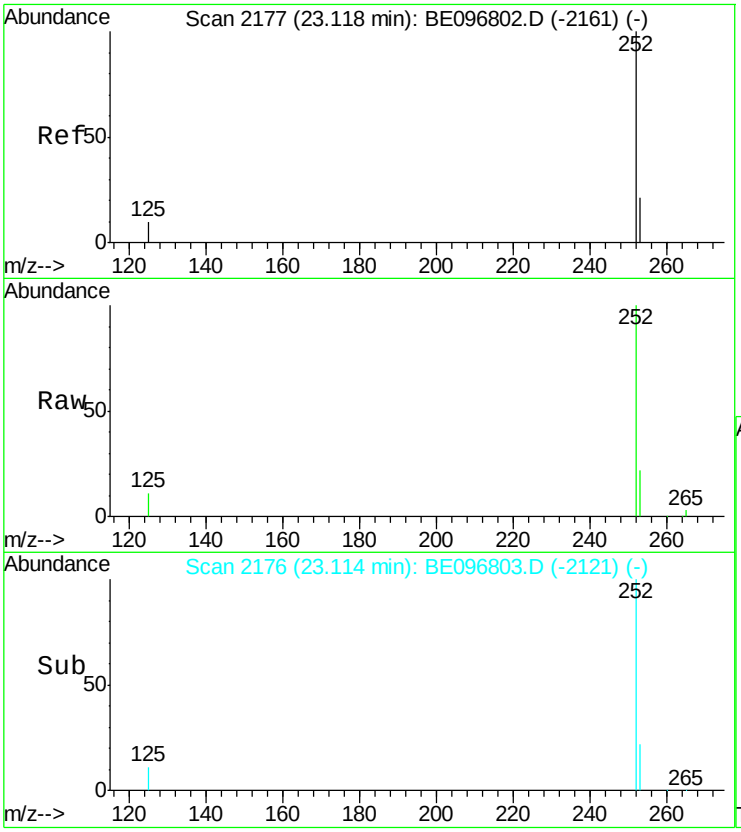


#36
Benzo(k)fluoranthene
Concen: 0.884 ng
RT: 22.59 min Scan# 2028
Delta R.T. 0.00 min
Lab File: BE096803.D
Acq: 18 Jun 2018 11:27

Tgt Ion:252 Resp: 38525

Ion	Ratio	Lower	Upper
252	100		
253	22.1	16.0	24.0
125	10.0	8.0	12.0



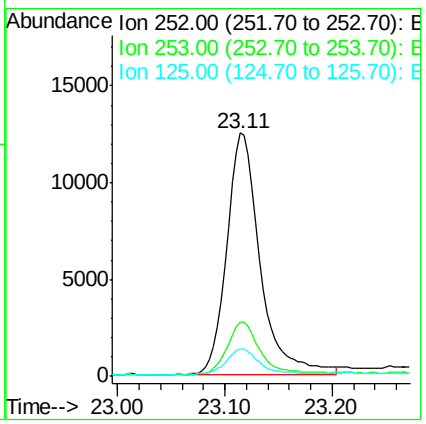


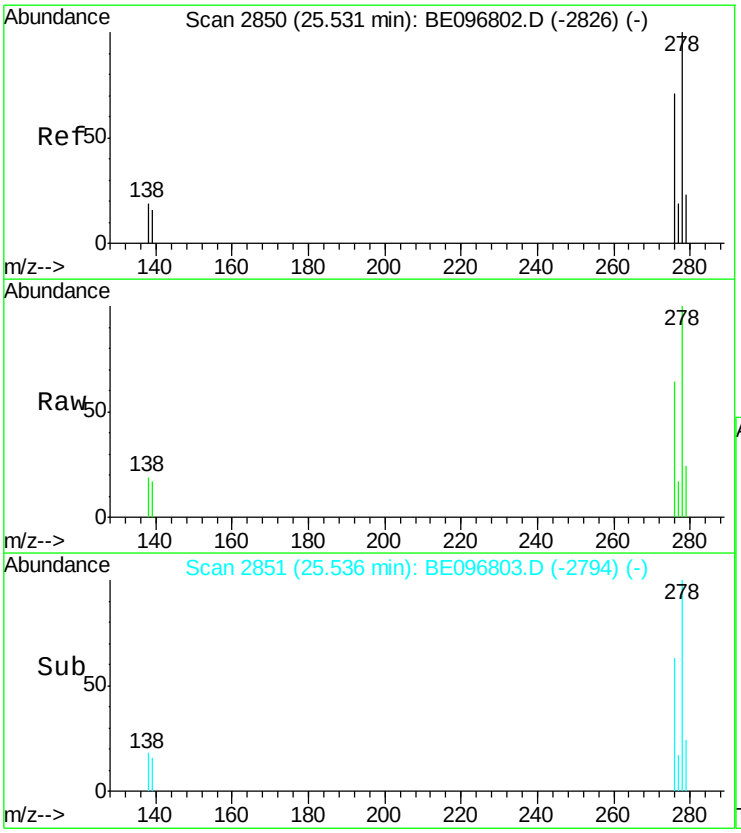
#37
Benzo(a)pyrene
Concen: 0.782 ng
RT: 23.11 min Scan# 2176
Delta R.T. -0.00 min
Lab File: BE096803.D
Acq: 18 Jun 2018 11:27

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:252 Resp: 26770

Ion	Ratio	Lower	Upper
252	100		
253	22.3	16.0	24.0
125	11.4	12.0	18.0#

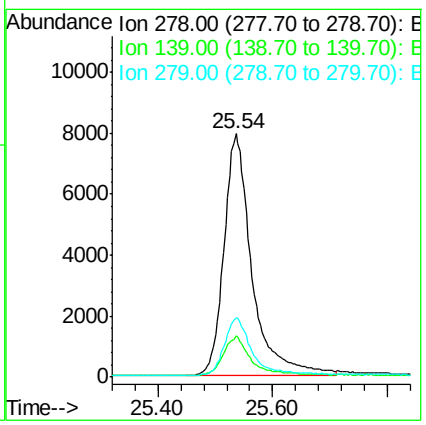


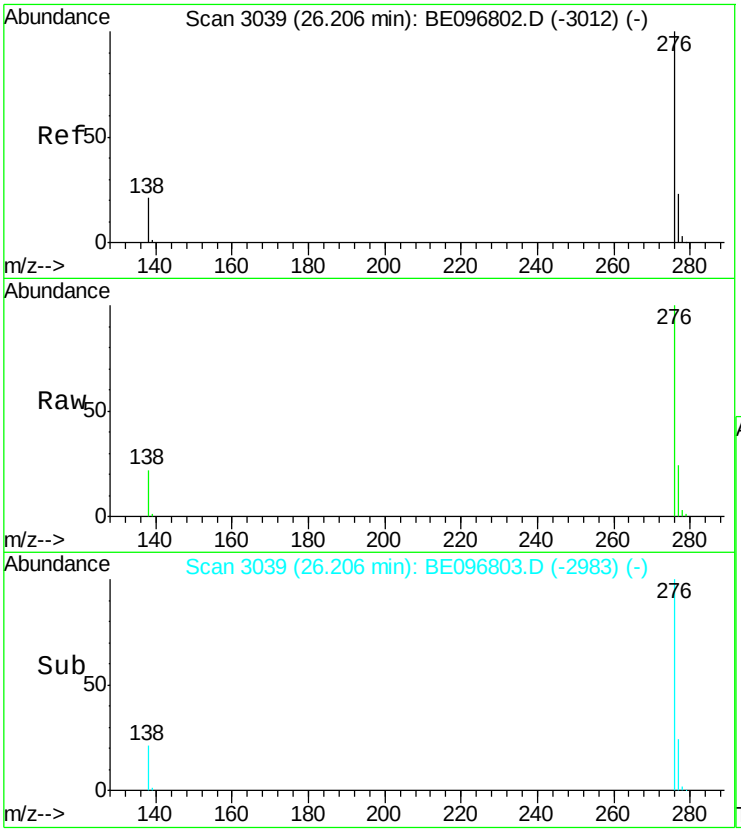


#38
Dibenzo(a,h)anthracene
Concen: 0.799 ng
RT: 25.54 min Scan# 2851
Delta R.T. 0.00 min
Lab File: BE096803.D
Acq: 18 Jun 2018 11:27

Tgt Ion:278 Resp: 26941

Ion	Ratio	Lower	Upper
278	100		
139	16.9	16.0	24.0
279	24.2	20.0	30.0





#39
Benzo(g,h,i)perylene
Concen: 0.808 ng
RT: 26.21 min Scan# 3039
Delta R.T. 0.00 min
Lab File: BE096803.D
Acq: 18 Jun 2018 11:27

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:276 Resp: 28826

Ion	Ratio	Lower	Upper
276	100		
277	24.5	16.0	24.0#
138	22.0	20.0	30.0