Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE061818\
Data File : BE096805.D
Acq On : 18 Jun 2018 12:41
Operator : SJ/JU
Sample : SSTDICC3.2
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : SSTDICC3.2

Quant Time: Jun 18 13:23:59 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	2623	0.40	ng		0.00
7) Naphthalene-d8	10.16	136	13477	0.40	ng		0.00
13) Acenaphthene-d10	14.03	164	7882	0.40	ng		0.00
19) Phenanthrene-d10	16.78	188	19568	0.40	ng		0.00
27) Chrysene-d12	20.98	240	20825	0.40	ng		0.00
34) Perylene-d12	23.21	264	16509	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.05	112	20062	2.78	ng		0.00
5) Phenol-d6	6.60	99	31164	2.84	ng		0.00
8) Nitrobenzene-d5	8.53	82	26246	2.94	ng		0.00
11) 2-Methylnaphthalene-d10	11.74	152	69921	3.16	ng		0.00
14) 2,4,6-Tribromophenol	0.00	330	0d	0.00	ng		
15) 2-Fluorobiphenyl	12.64	172	98185	3.16	ng		0.00
25) Fluoranthene-d10	18.81	212	711599	3.54	ng		0.00
29) Terphenyl-d14	19.43	244	142248	3.10	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.10	88	12944	3.054	ng	#	87
3) n-Nitrosodimethylamine	3.37	42	15792	3.323	ng	#	88
6) bis(2-Chloroethyl)ether	6.85	93	33342	3.220	ng		97
9) Naphthalene	10.20	128	413666	3.132	ng		99
10) Hexachlorobutadiene	10.50	225	16861	3.106	ng		97
12) 2-Methylnaphthalene	11.81	142	72120	3.171	ng		99
16) Acenaphthylene	13.74	152	126054	3.305	ng		100
17) Acenaphthene	14.08	154	80011	3.184	ng		96
18) Fluorene	15.08	166	96701	3.199	ng	#	80
20) 4-Bromophenyl-phenylether	15.98	248	32579	3.370	ng	#	84
21) Hexachlorobenzene	16.09	284	35418	3.237	ng	#	80
23) Phenanthrene	16.81	178	171629	3.233	ng		99
24) Anthracene	16.91	178	159732	3.519	ng		96
26) Fluoranthene	18.84	202	206952	3.541	ng		99
28) Pyrene	19.20	202	209248	3.126	ng		99
30) Benzo(a)anthracene	20.97	228	183617	3.340	ng		95
31) Chrysene	21.02	228	192302	3.029	ng		100
33) Indeno(1,2,3-cd)pyrene	25.51	276	171953	3.131	ng		96
35) Benzo(b)fluoranthene	22.54	252	160799	3.429	ng	#	86
36) Benzo(k)fluoranthene	22.59	252	193424	3.614	ng		97
37) Benzo(a)pyrene	23.12	252	150052	3.567	ng	#	93
38) Dibenzo(a,h)anthracene	25.53	278	146774	3.543	ng	#	95
39) Benzo(g,h,i)perylene	26.21	276	148106	3.380	ng		92

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

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Data File : BE096805.D
Acq On : 18 Jun 2018 12:41
Operator : SJ/JU
Sample : SSTDICC3.2
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 18 11:37:15 2018
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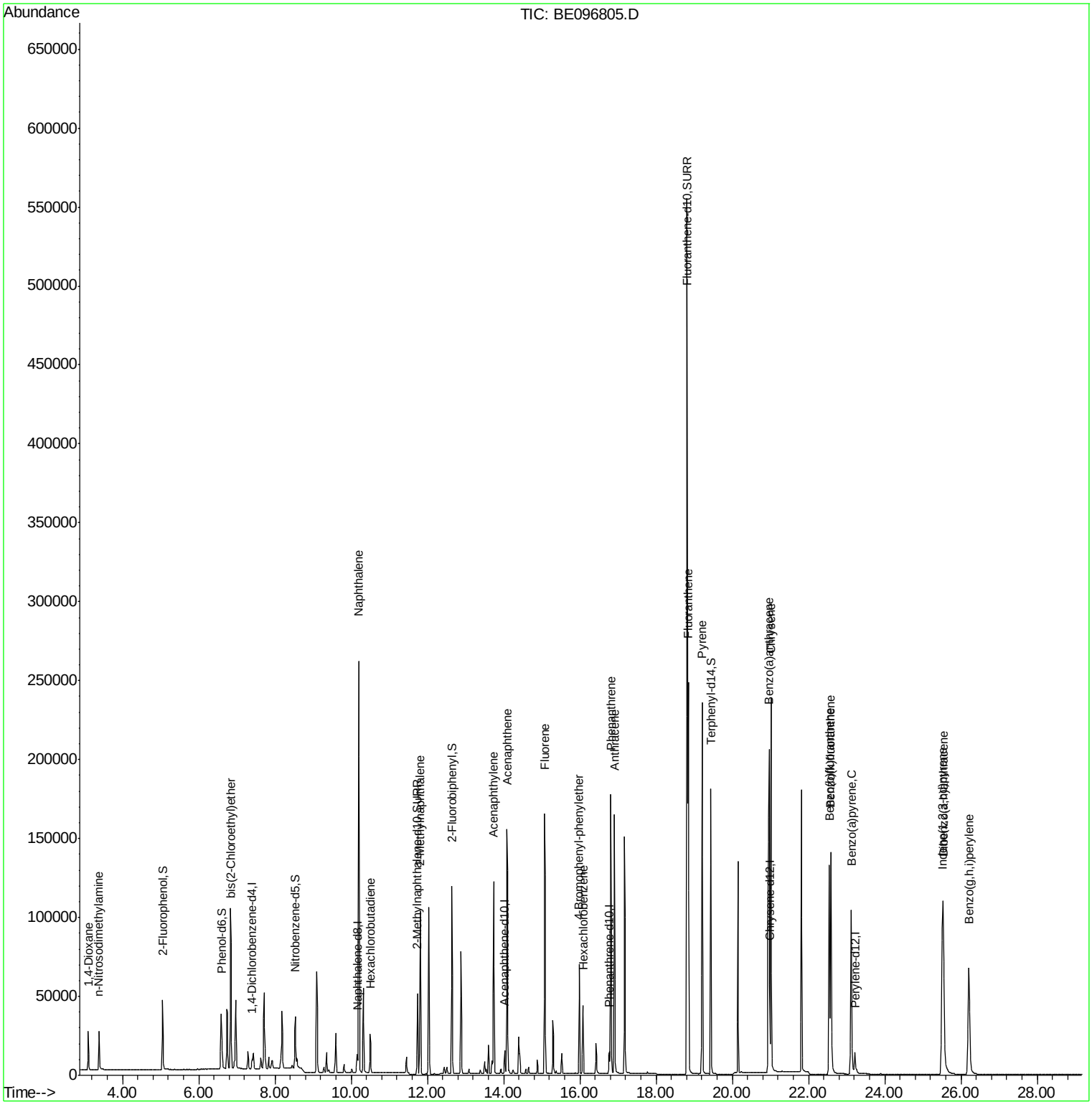
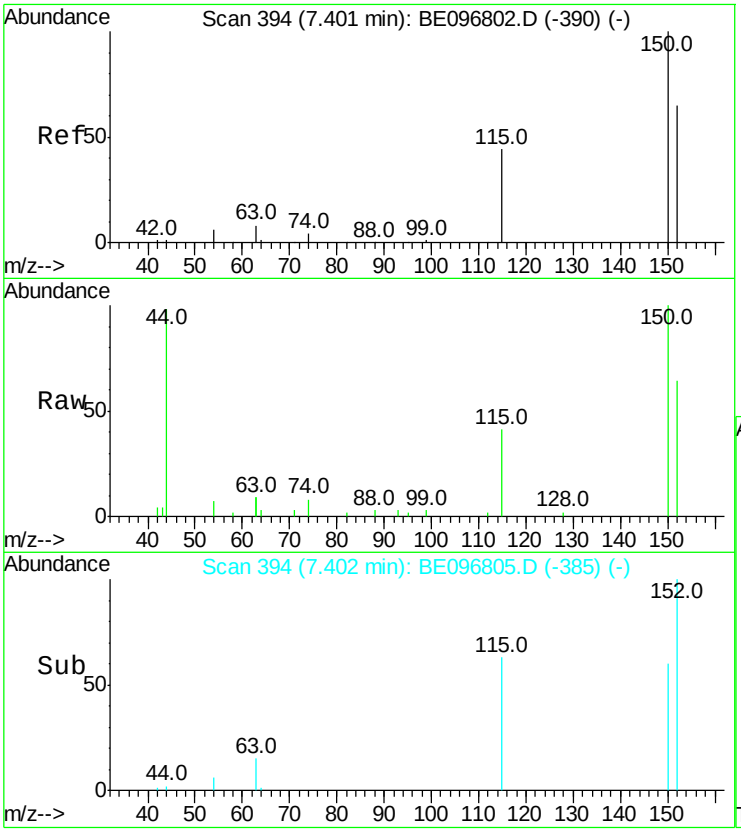


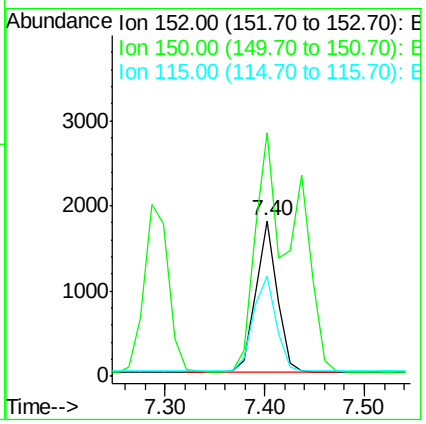


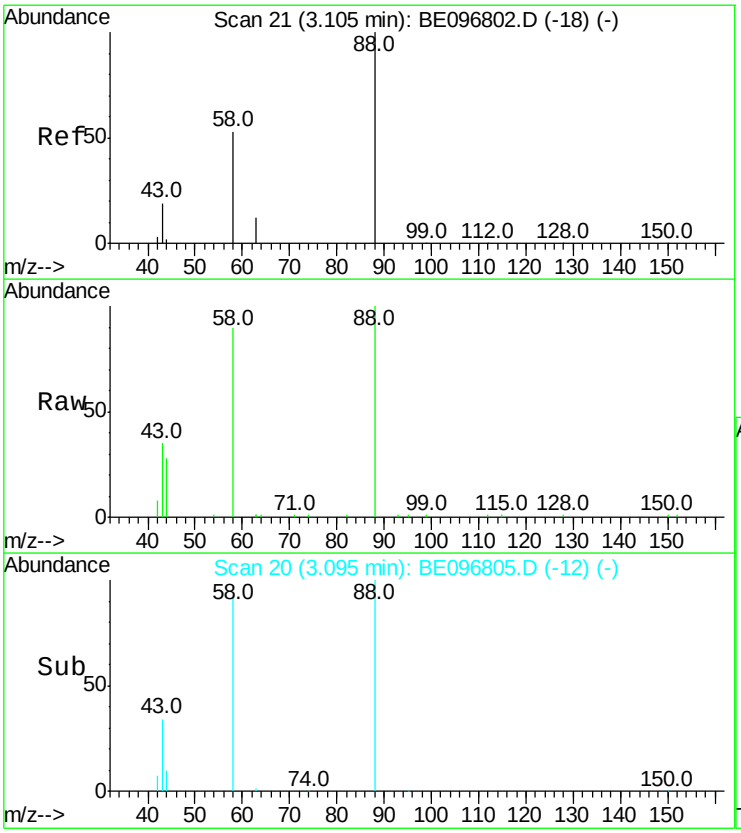
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.40 min Scan# 394
Delta R.T. 0.00 min
Lab File: BE096805.D
Acq: 18 Jun 2018 12:41

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tgt Ion:152 Resp: 2623

Ion	Ratio	Lower	Upper
152	100		
150	156.3	117.2	175.8
115	64.7	57.0	85.6

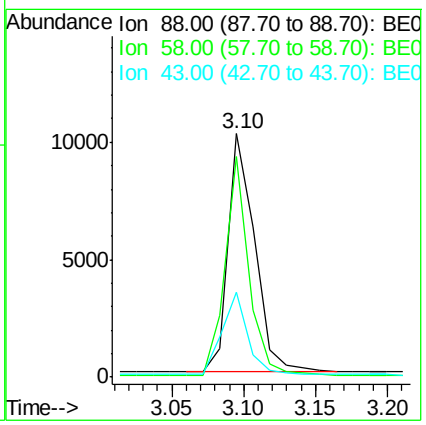


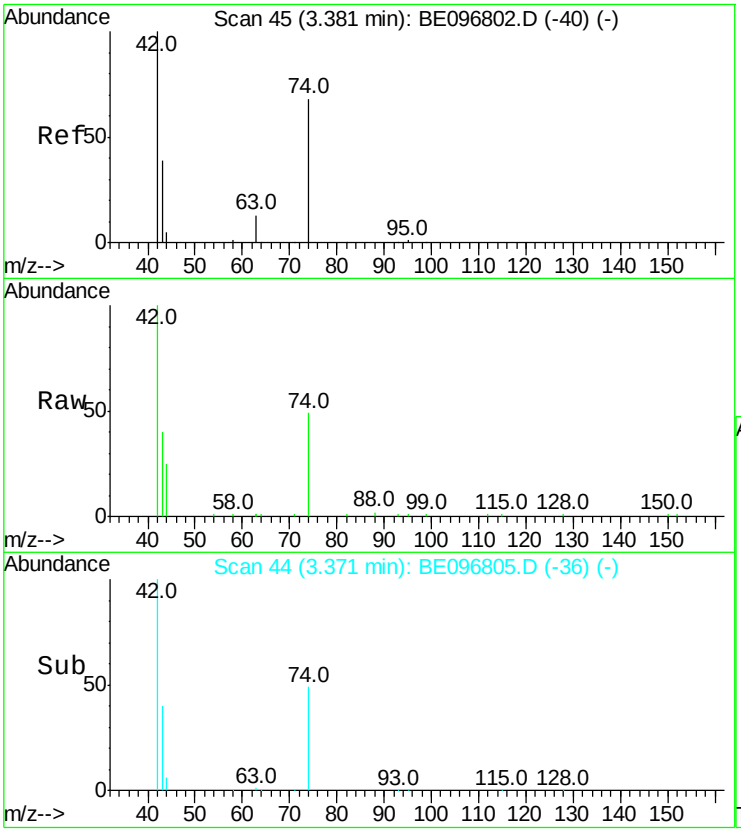


#2
1,4-Dioxane
Concen: 3.054 ng
RT: 3.10 min Scan# 20
Delta R.T. -0.01 min
Lab File: BE096805.D
Acq: 18 Jun 2018 12:41

Tgt Ion: 88 Resp: 12944

Ion	Ratio	Lower	Upper
88	100		
58	83.0	63.2	94.8
43	33.7	41.2	61.8#



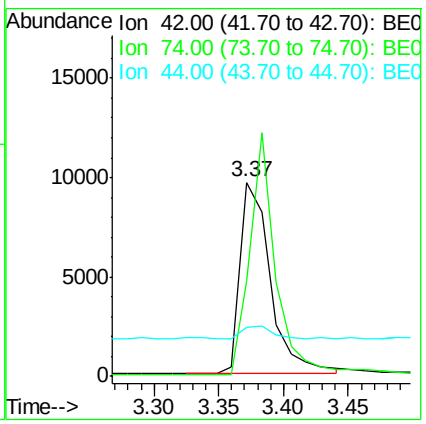


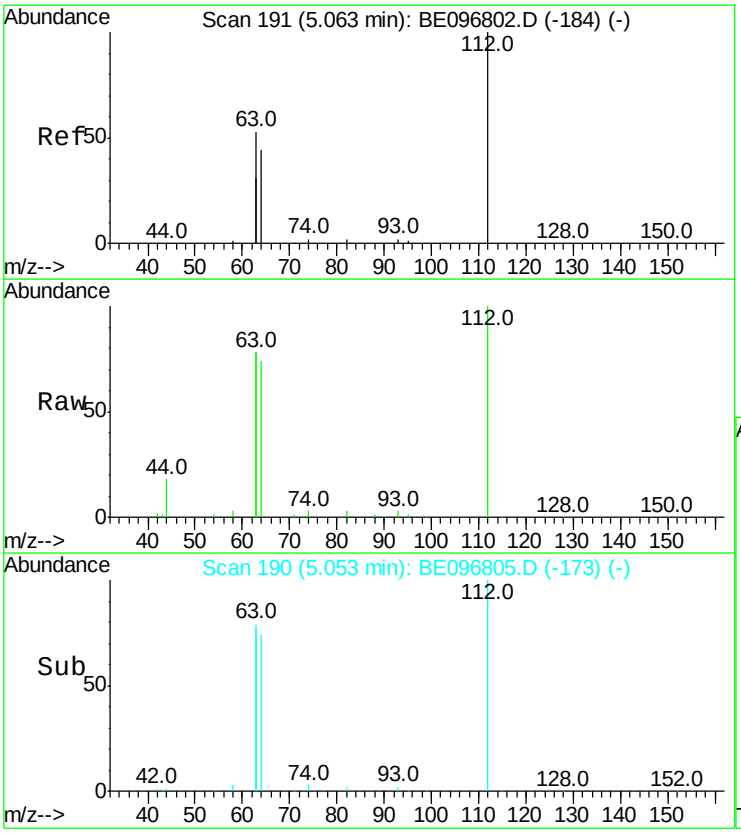
#3
n-Nitrosodimethylamine
Concen: 3.323 ng
RT: 3.37 min Scan# 44
Delta R.T. -0.01 min
Lab File: BE096805.D
Acq: 18 Jun 2018 12:41

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tgt Ion: 42 Resp: 15792

Ion	Ratio	Lower	Upper
42	100		
74	107.5	96.0	144.0
44	7.2	12.0	18.0#

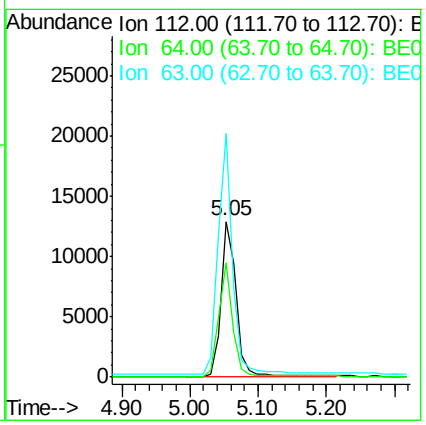


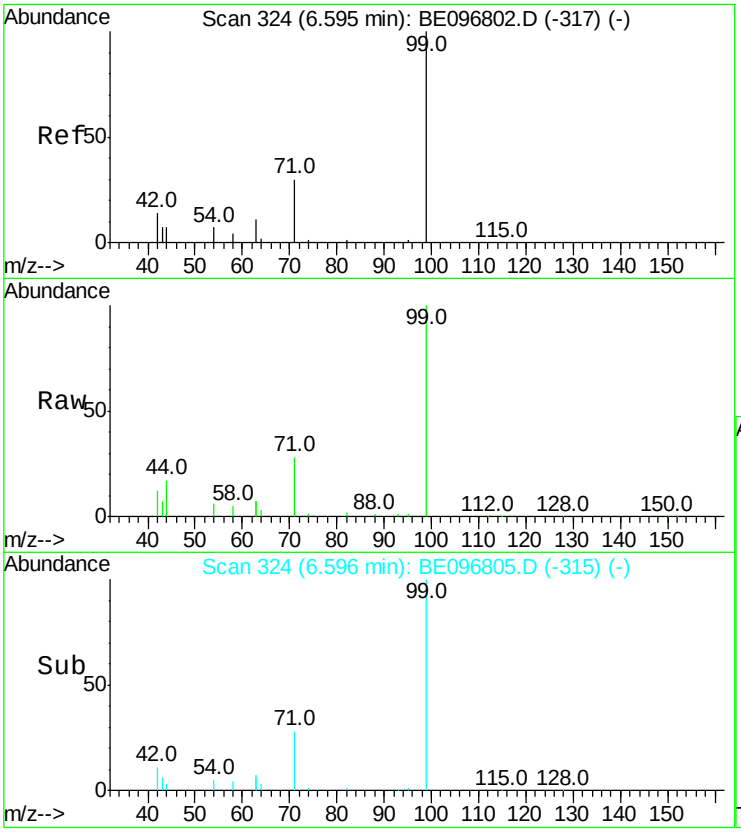


#4
2-Fluorophenol
Concen: 2.775 ng
RT: 5.05 min Scan# 190
Delta R.T. -0.01 min
Lab File: BE096805.D
Acq: 18 Jun 2018 12:41

Tgt Ion:112 Resp: 20062

Ion	Ratio	Lower	Upper
112	100		
64	69.1	60.1	90.1
63	149.2	116.8	175.2



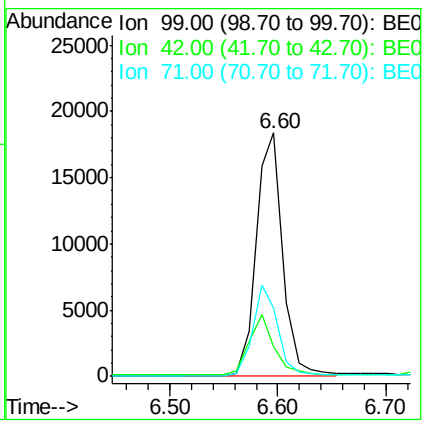


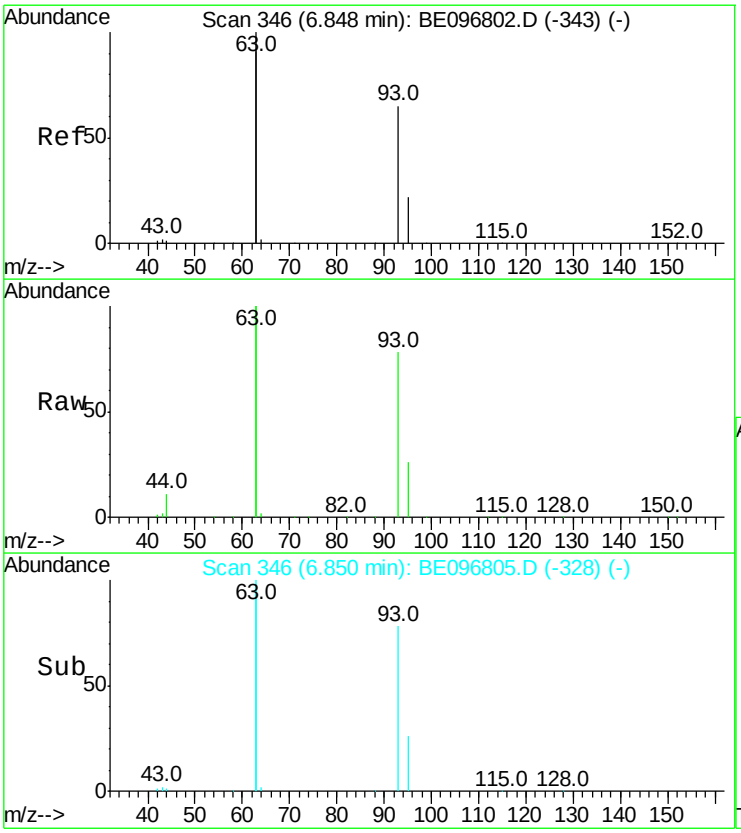
#5
Phenol-d6
Concen: 2.841 ng
RT: 6.60 min Scan# 324
Delta R.T. 0.00 min
Lab File: BE096805.D
Acq: 18 Jun 2018 12:41

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tgt Ion: 99 Resp: 31164

Ion	Ratio	Lower	Upper
99	100		
42	23.8	20.2	30.2
71	35.3	28.4	42.6

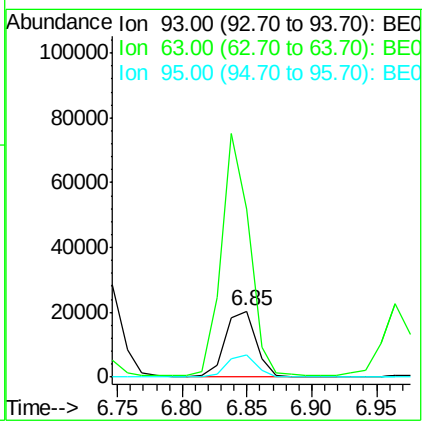


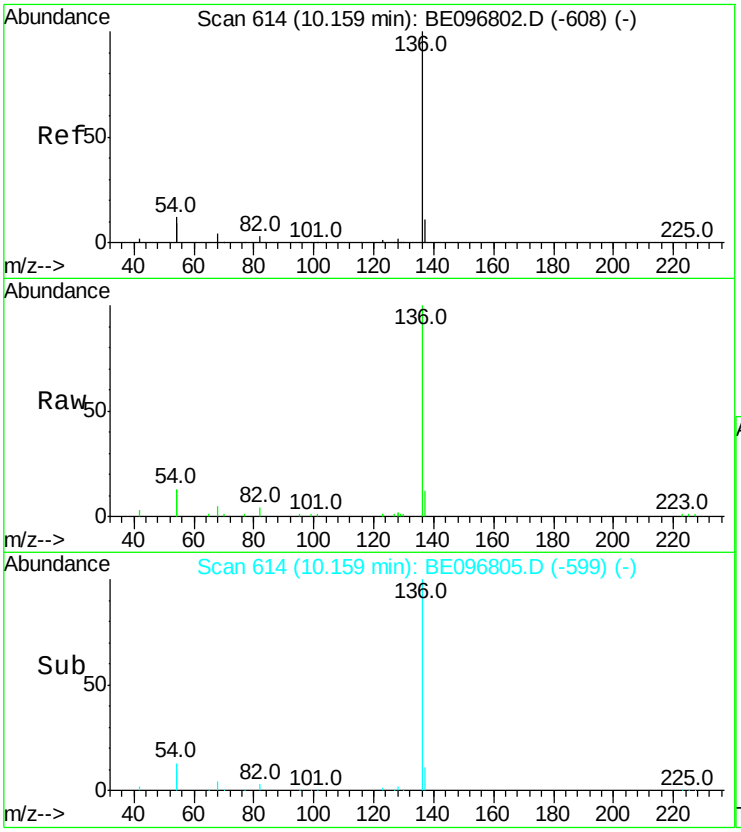


#6
bis(2-Chloroethyl)ether
Concen: 3.220 ng
RT: 6.85 min Scan# 346
Delta R.T. 0.00 min
Lab File: BE096805.D
Acq: 18 Jun 2018 12:41

Tgt Ion: 93 Resp: 33342

Ion	Ratio	Lower	Upper
93	100		
63	337.7	275.3	412.9
95	32.5	25.2	37.8



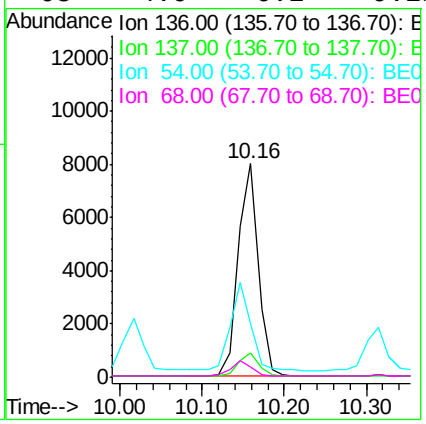


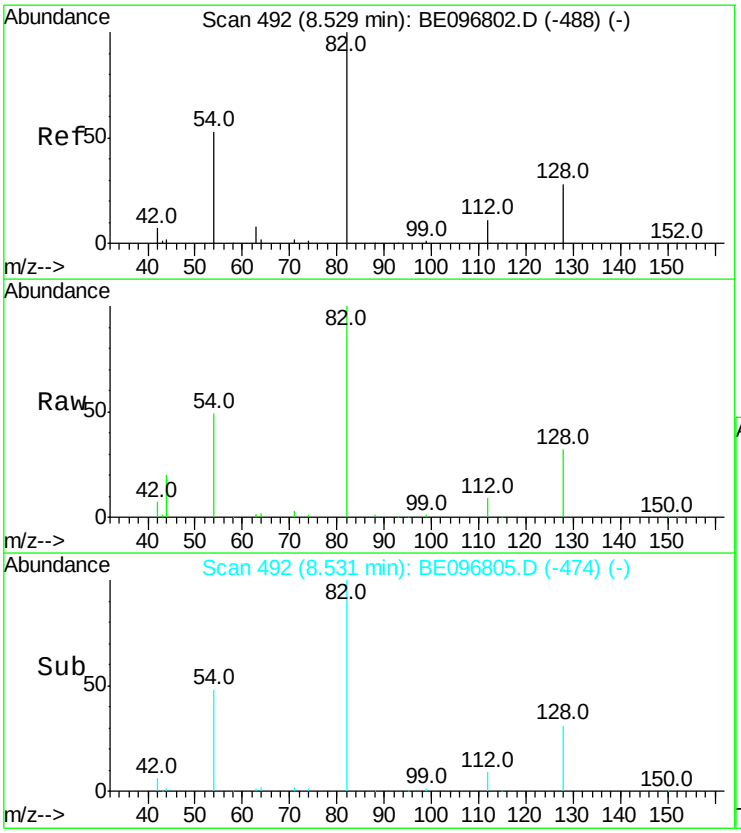
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.16 min Scan# 614
Delta R.T. -0.00 min
Lab File: BE096805.D
Acq: 18 Jun 2018 12:41

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tgt Ion:136 Resp: 13477

Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.5	14.3
54	25.3	29.1	43.7#
68	4.9	6.2	9.2#

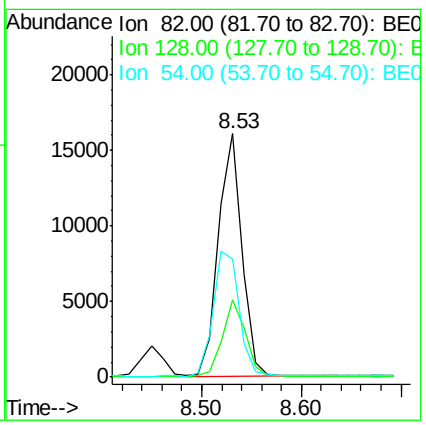


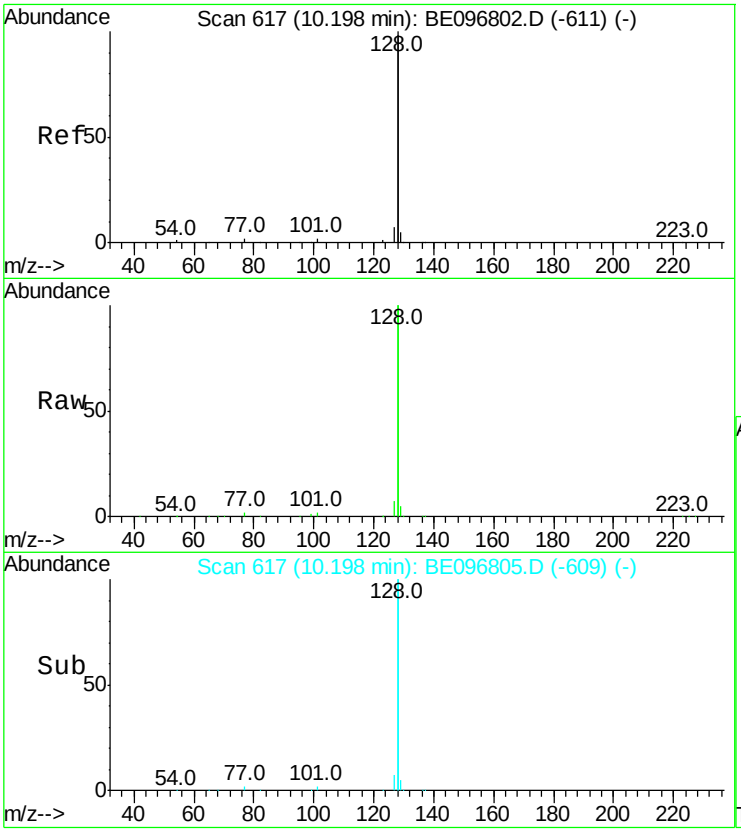


#8
Nitrobenzene-d5
Concen: 2.944 ng
RT: 8.53 min Scan# 492
Delta R.T. 0.00 min
Lab File: BE096805.D
Acq: 18 Jun 2018 12:41

Tgt Ion: 82 Resp: 26246

Ion	Ratio	Lower	Upper
82	100		
128	31.6	24.0	36.0
54	48.6	40.0	60.0



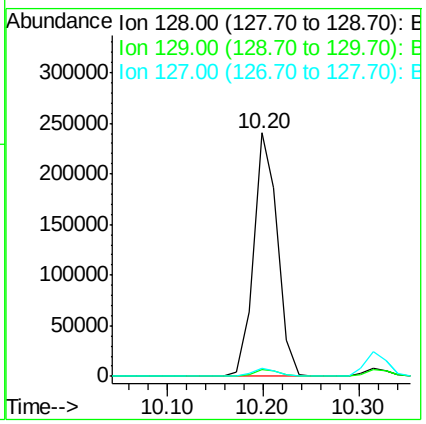


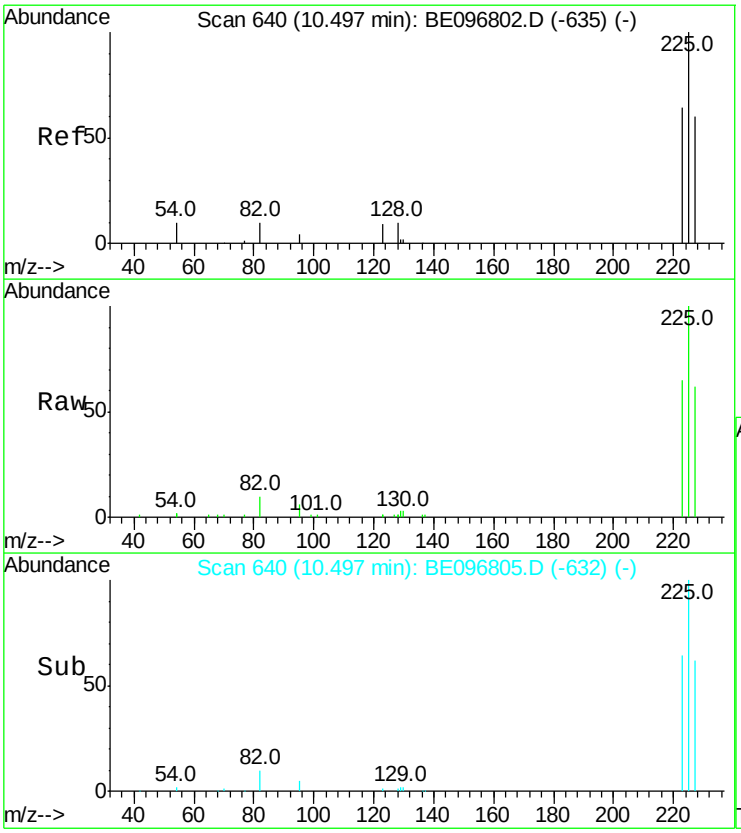
#9
Naphthalene
Concen: 3.132 ng
RT: 10.20 min Scan# 617
Delta R.T. -0.00 min
Lab File: BE096805.D
Acq: 18 Jun 2018 12:41

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tgt Ion:128 Resp: 413666

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

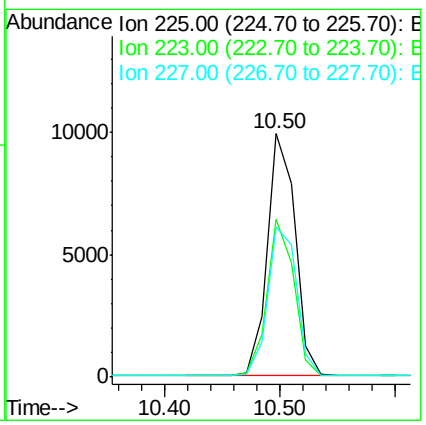


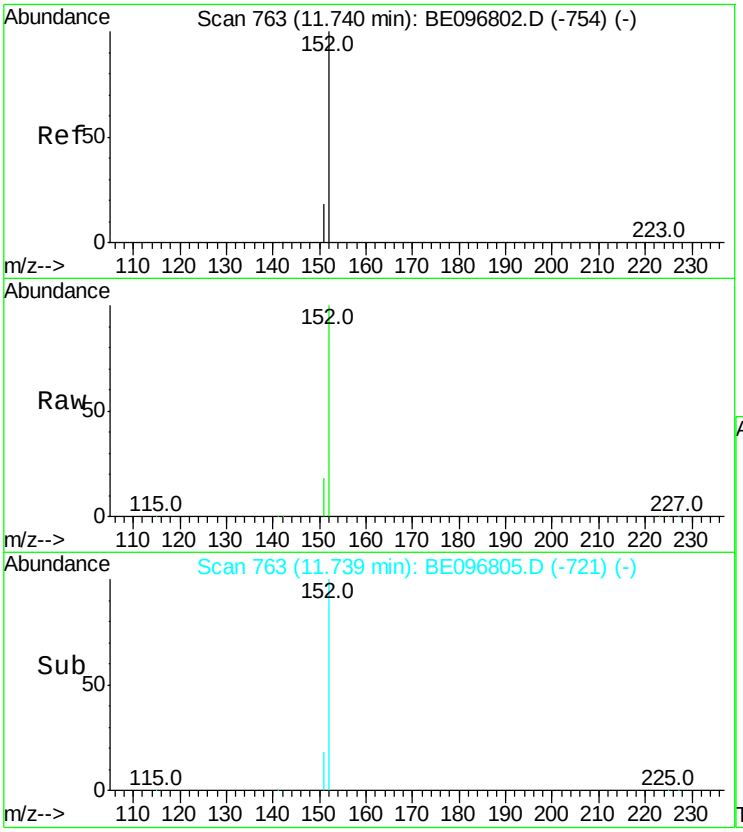


#10
Hexachlorobutadiene
Concen: 3.106 ng
RT: 10.50 min Scan# 640
Delta R.T. -0.00 min
Lab File: BE096805.D
Acq: 18 Jun 2018 12:41

Tgt Ion:225 Resp: 16861

Ion	Ratio	Lower	Upper
225	100		
223	62.6	53.0	79.6
227	64.0	51.4	77.2



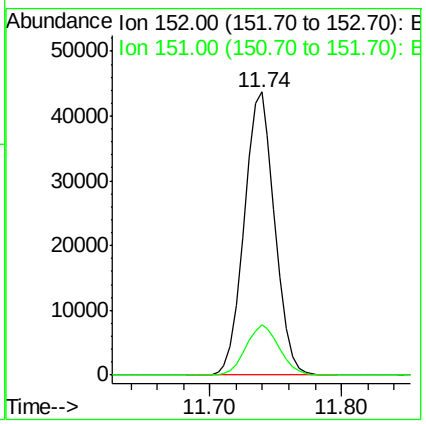


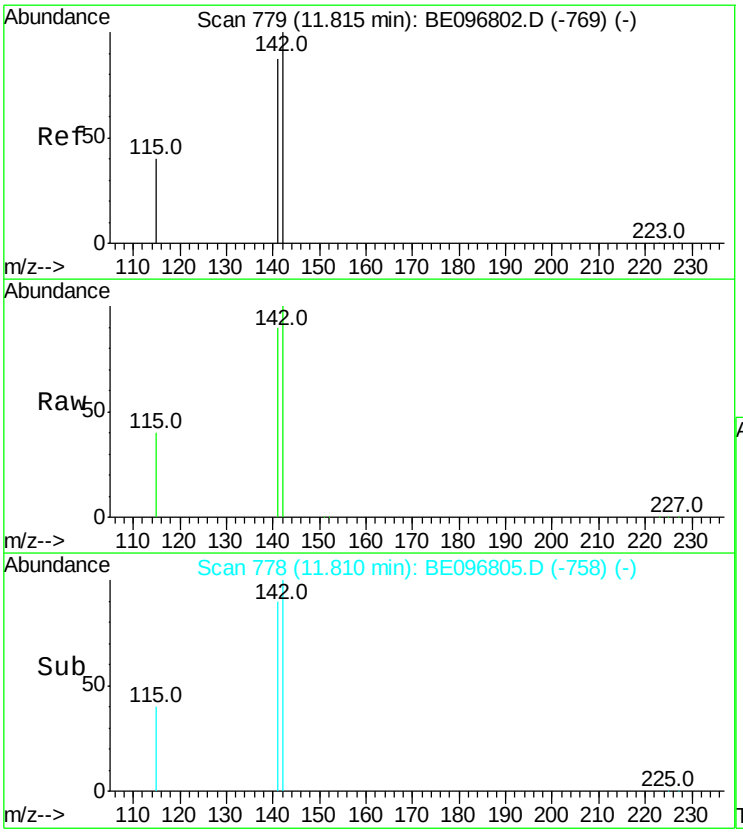
#11
2-Methylnaphthalene-d10
Concen: 3.162 ng
RT: 11.74 min Scan# 763
Delta R.T. -0.00 min
Lab File: BE096805.D
Acq: 18 Jun 2018 12:41

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tgt Ion:152 Resp: 69921

Ion	Ratio	Lower	Upper
152	100		
151	19.3	15.4	23.0

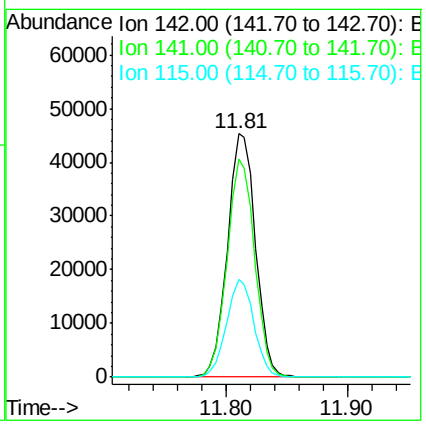


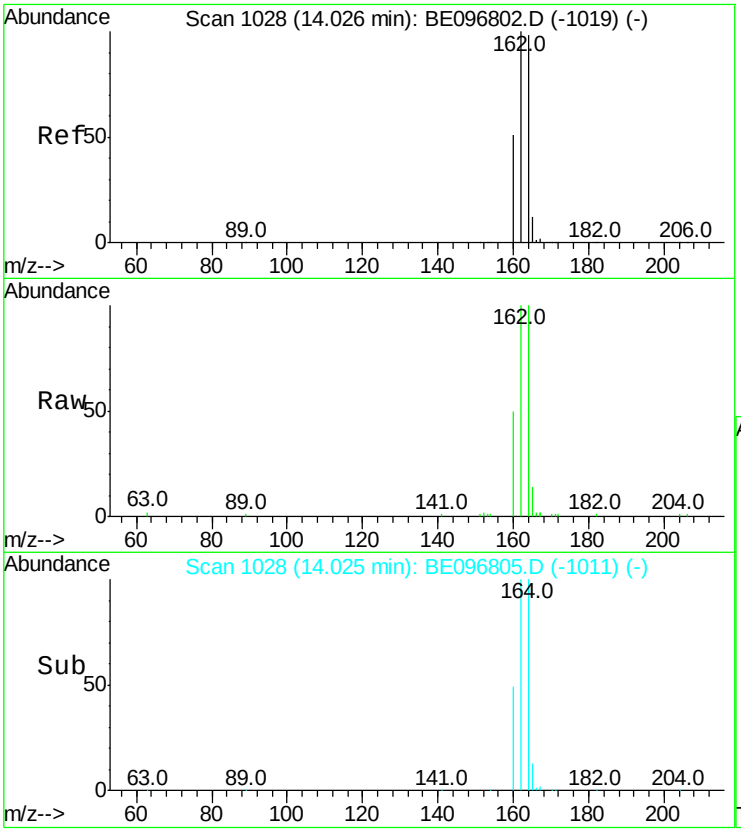


#12
2-Methylnaphthalene
Concen: 3.171 ng
RT: 11.81 min Scan# 778
Delta R.T. -0.01 min
Lab File: BE096805.D
Acq: 18 Jun 2018 12:41

Tgt Ion:142 Resp: 72120

Ion	Ratio	Lower	Upper
142	100		
141	89.6	70.4	105.6
115	40.1	31.7	47.5



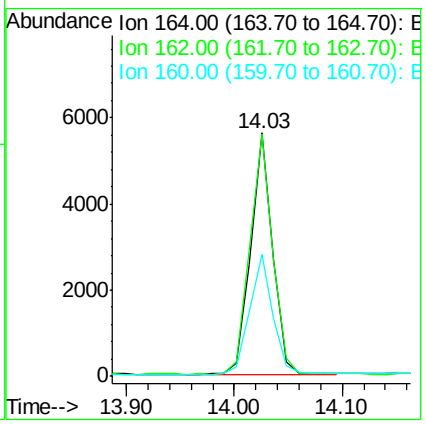


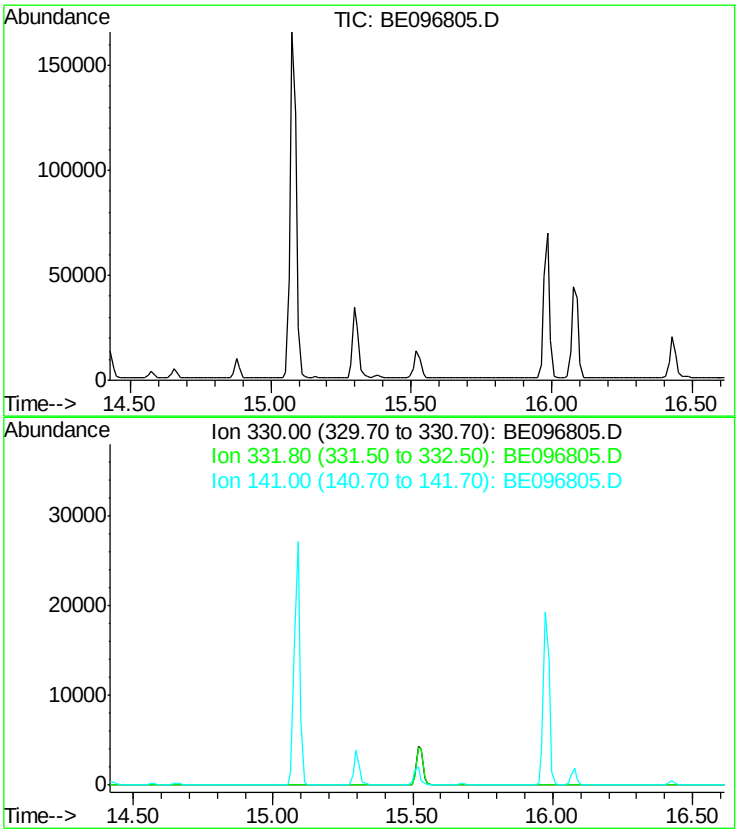
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.03 min Scan# 1028
Delta R.T. -0.00 min
Lab File: BE096805.D
Acq: 18 Jun 2018 12:41

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tgt Ion:164 Resp: 7882

Ion	Ratio	Lower	Upper
164	100		
162	99.7	83.1	124.7
160	49.9	37.1	55.7



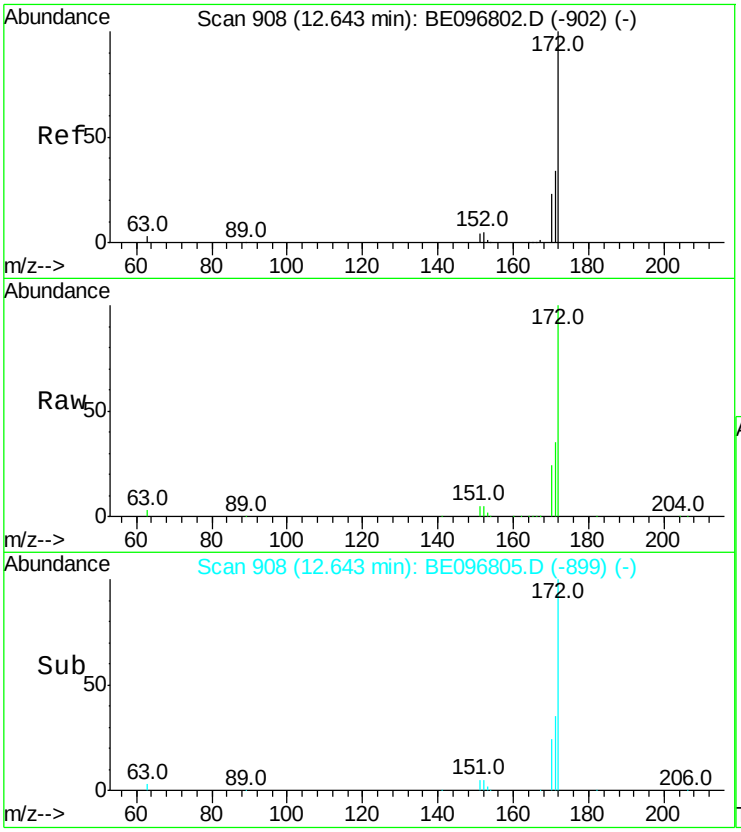


#14
2,4,6-Tribromophenol
Concen: 0.000 ng
Expected RT: 15.52 min

Lab File: BE096805.D
Acq: 18 Jun 2018 12:41

Tgt Ion: 330

Sig	Exp Ratio
330	100
332	190.9
141	42.1

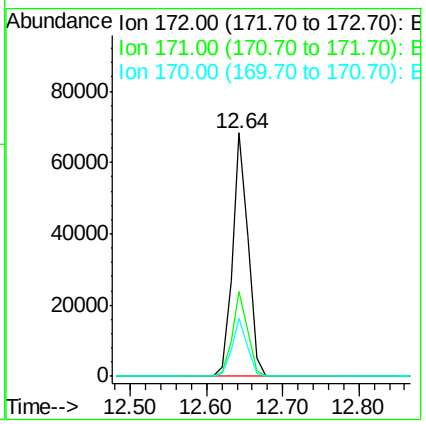


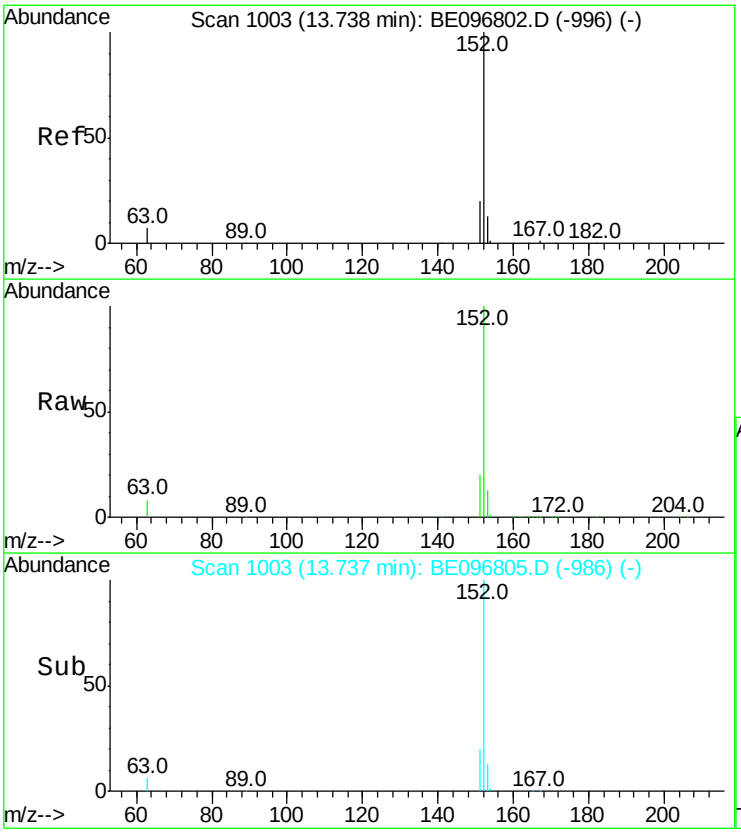
#15
2-Fluorobiphenyl
Concen: 3.164 ng
RT: 12.64 min Scan# 908
Delta R.T. -0.00 min
Lab File: BE096805.D
Acq: 18 Jun 2018 12:41

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tgt Ion:172 Resp: 98185

Ion	Ratio	Lower	Upper
172	100		
171	35.0	29.9	44.9
170	23.8	21.8	32.8

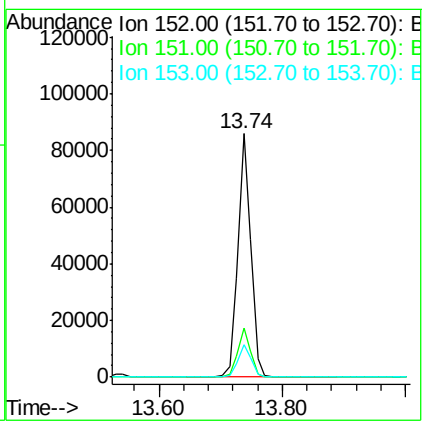


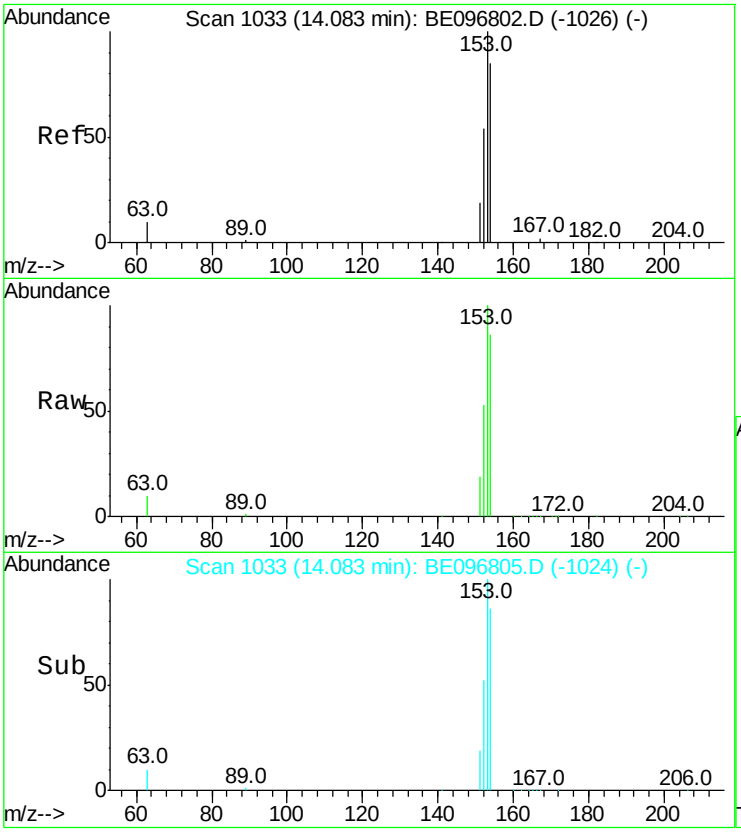


#16
Acenaphthylene
Concen: 3.305 ng
RT: 13.74 min Scan# 1003
Delta R.T. -0.00 min
Lab File: BE096805.D
Acq: 18 Jun 2018 12:41

Tgt Ion:152 Resp: 126054

Ion	Ratio	Lower	Upper
152	100		
151	19.8	15.7	23.5
153	13.1	10.5	15.7



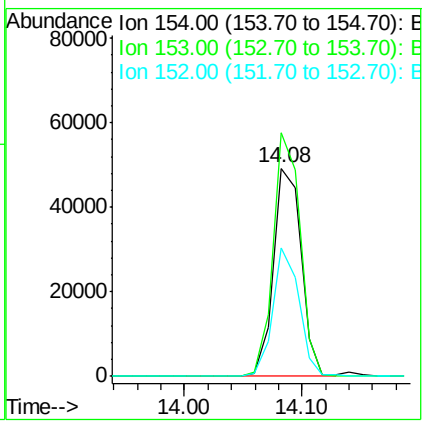


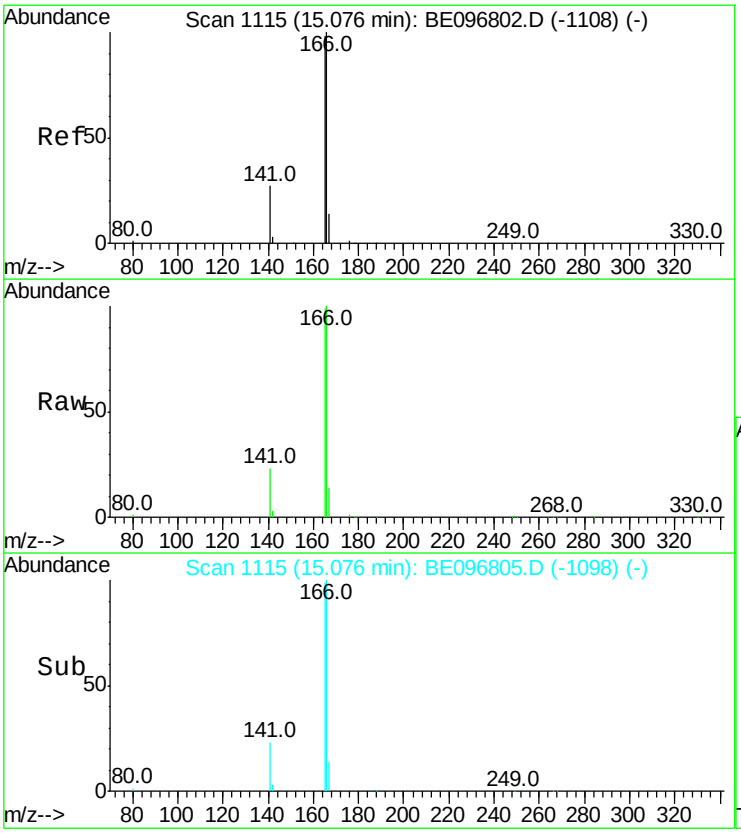
#17
Acenaphthene
Concen: 3.184 ng
RT: 14.08 min Scan# 1033
Delta R.T. -0.00 min
Lab File: BE096805.D
Acq: 18 Jun 2018 12:41

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tgt Ion:154 Resp: 80011

Ion	Ratio	Lower	Upper
154	100		
153	113.3	89.2	133.8
152	58.3	42.0	63.0

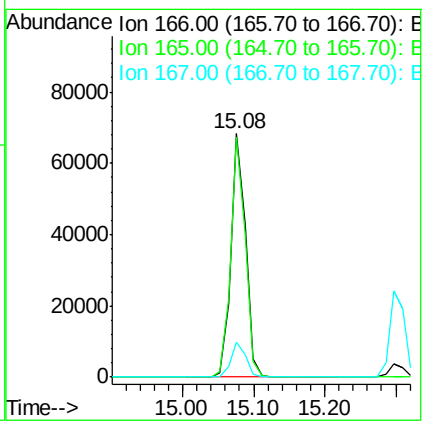


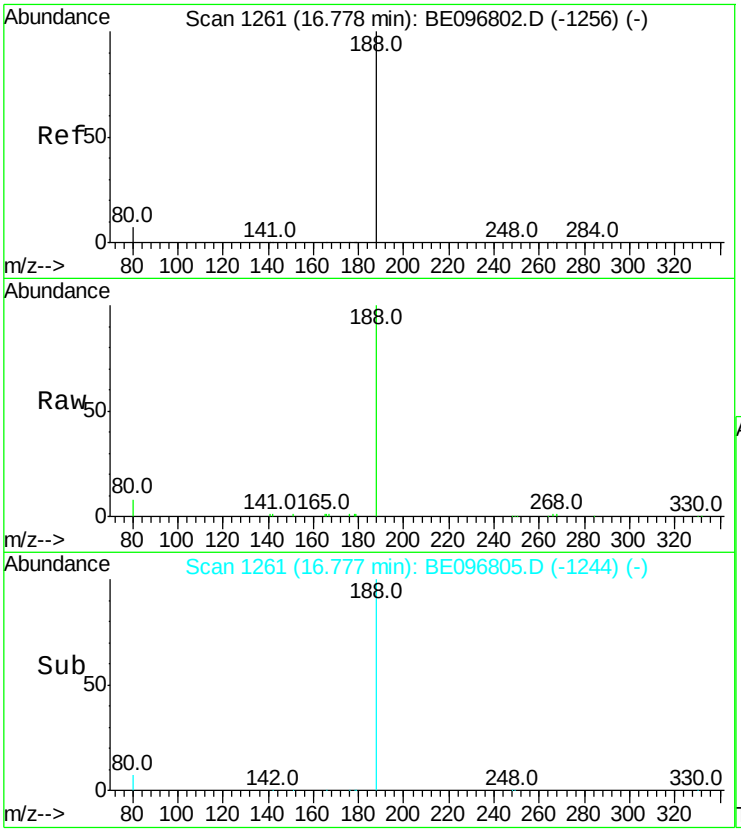


#18
Fluorene
Concen: 3.199 ng
RT: 15.08 min Scan# 1115
Delta R.T. -0.00 min
Lab File: BE096805.D
Acq: 18 Jun 2018 12:41

Tgt Ion:166 Resp: 96701

Ion	Ratio	Lower	Upper
166	100		
165	97.9	77.8	116.6
167	14.3	42.4	63.6#



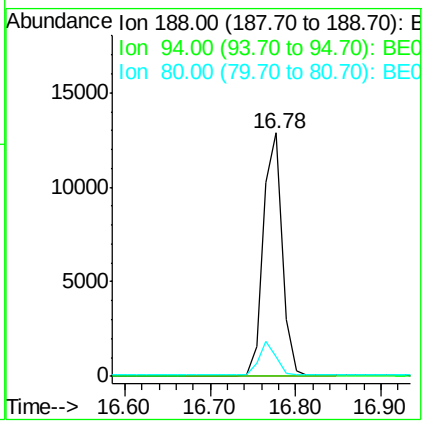


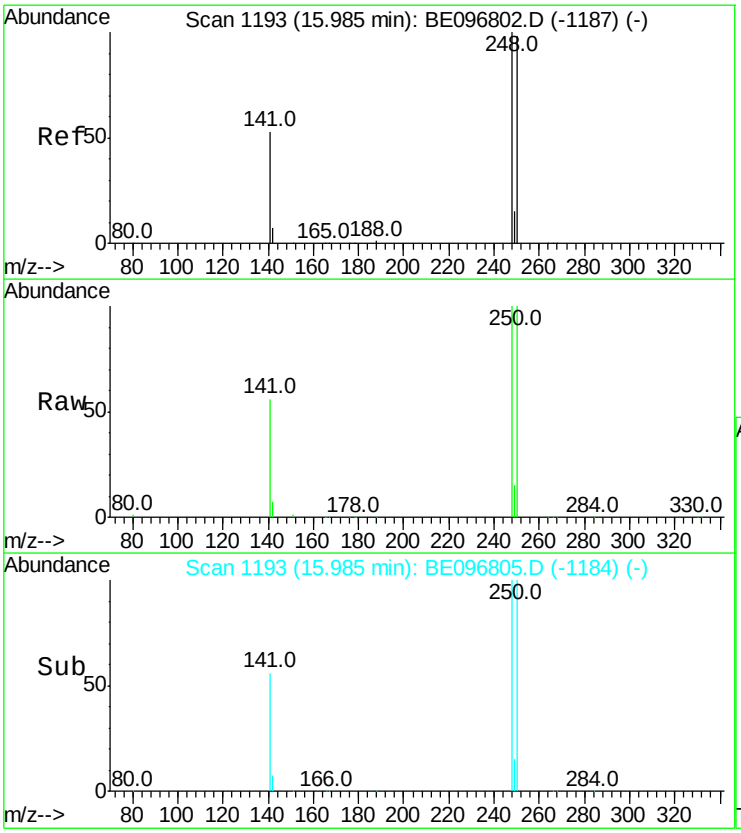
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.78 min Scan# 1261
Delta R.T. -0.00 min
Lab File: BE096805.D
Acq: 18 Jun 2018 12:41

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tgt Ion:188 Resp: 19568

Ion	Ratio	Lower	Upper
188	100		
94	0.0	3.9	5.9#
80	8.1	3.6	5.4#

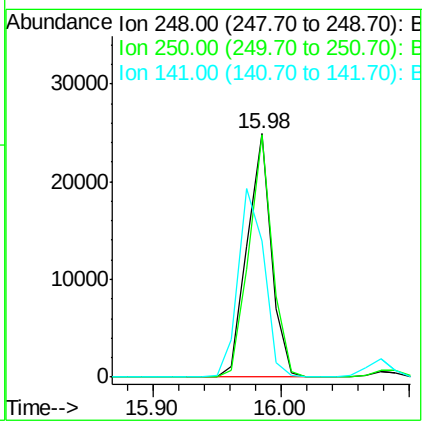


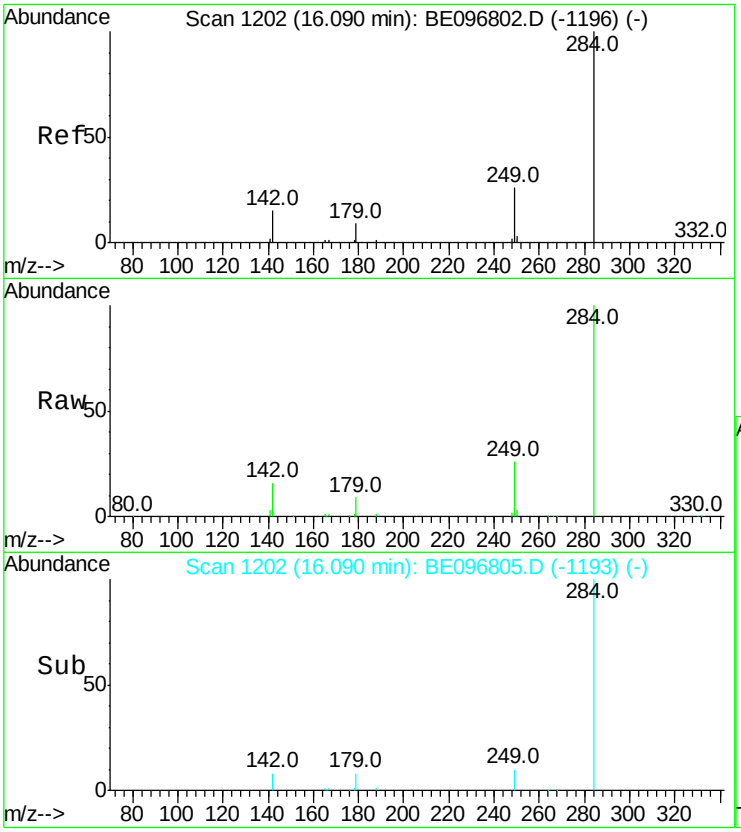


#20
4-Bromophenyl-phenylether
Concen: 3.370 ng
RT: 15.98 min Scan# 1193
Delta R.T. -0.00 min
Lab File: BE096805.D
Acq: 18 Jun 2018 12:41

Tgt Ion:248 Resp: 32579

Ion	Ratio	Lower	Upper
248	100		
250	99.6	62.7	94.1#
141	55.7	48.2	72.2



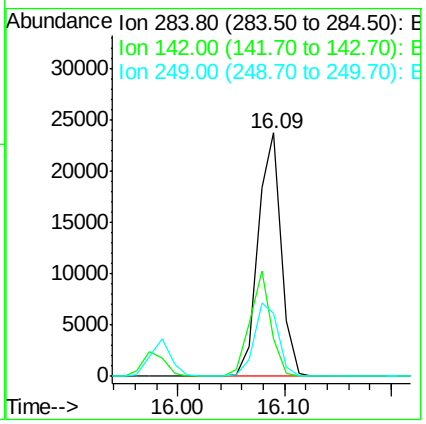


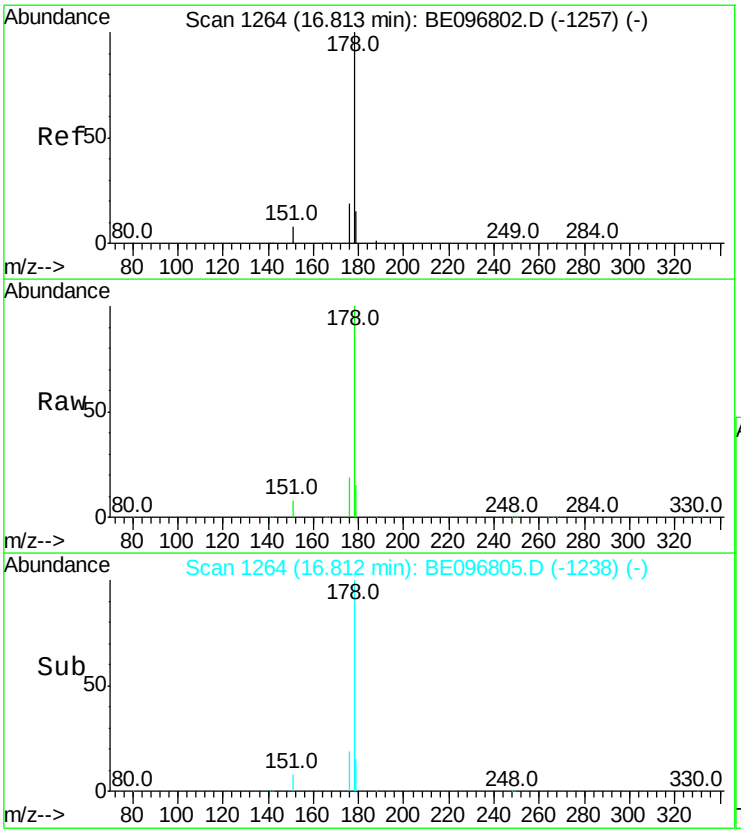
#21
Hexachlorobenzene
Concen: 3.237 ng
RT: 16.09 min Scan# 1202
Delta R.T. -0.00 min
Lab File: BE096805.D
Acq: 18 Jun 2018 12:41

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tgt Ion:284 Resp: 35418

Ion	Ratio	Lower	Upper
284	100		
142	39.1	22.1	33.1#
249	31.4	34.8	52.2#

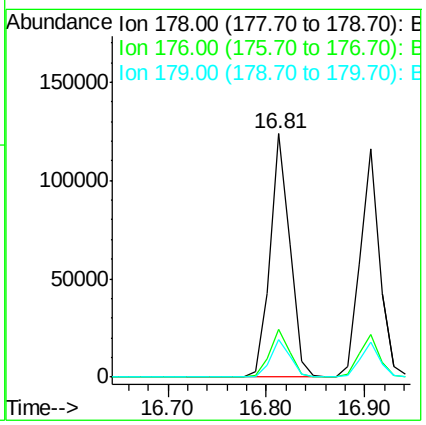


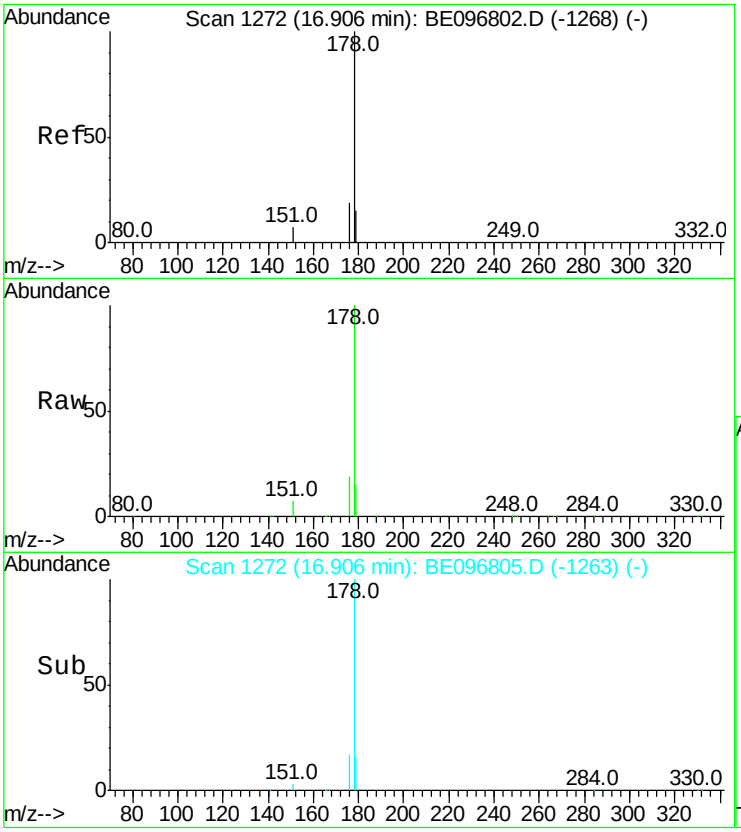


#23
Phenanthrene
Concen: 3.233 ng
RT: 16.81 min Scan# 1264
Delta R.T. -0.00 min
Lab File: BE096805.D
Acq: 18 Jun 2018 12:41

Tgt Ion:178 Resp: 171629

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



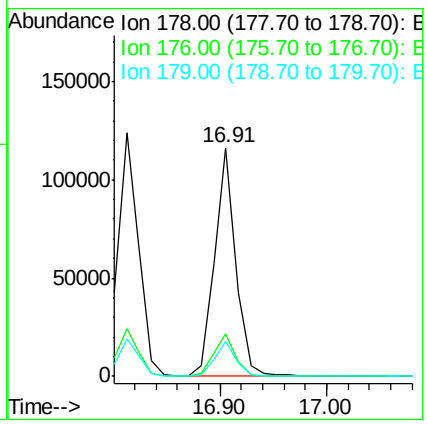


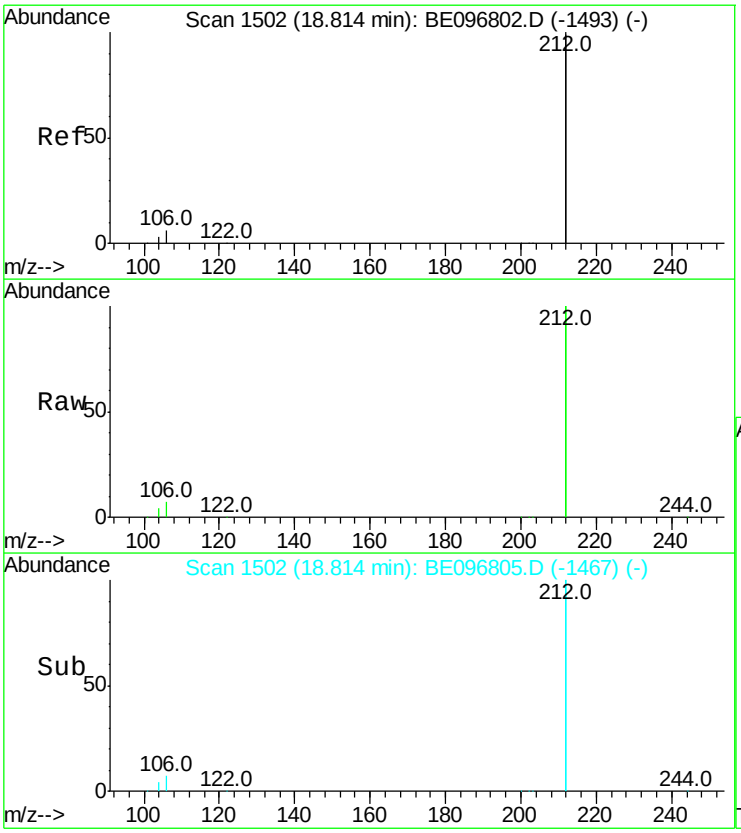
#24
Anthracene
Concen: 3.519 ng
RT: 16.91 min Scan# 1272
Delta R.T. -0.00 min
Lab File: BE096805.D
Acq: 18 Jun 2018 12:41

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tgt Ion:178 Resp: 159732

Ion	Ratio	Lower	Upper
178	100		
176	18.9	12.8	19.2
179	15.4	13.0	19.6

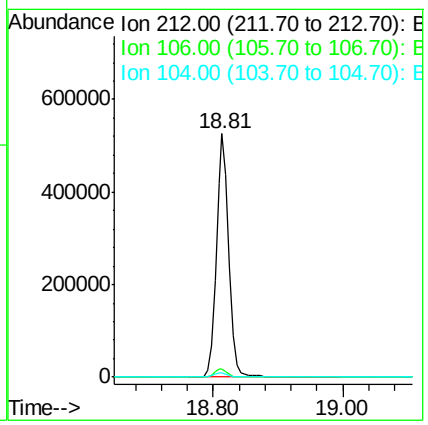


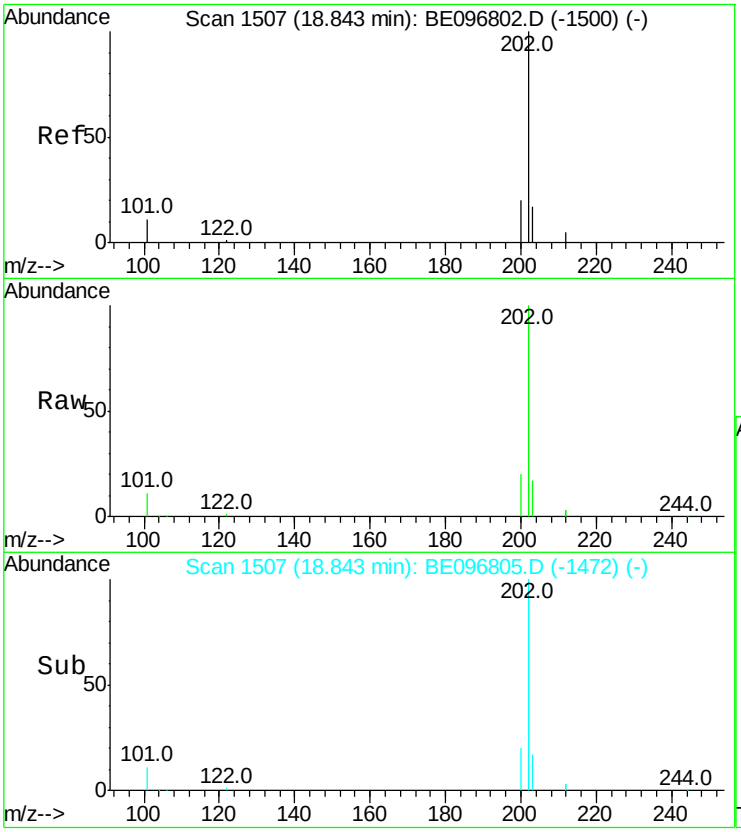


#25
Fluoranthene-d10
Concen: 3.543 ng
RT: 18.81 min Scan# 1502
Delta R.T. -0.00 min
Lab File: BE096805.D
Acq: 18 Jun 2018 12:41

Tgt Ion:212 Resp: 711599

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



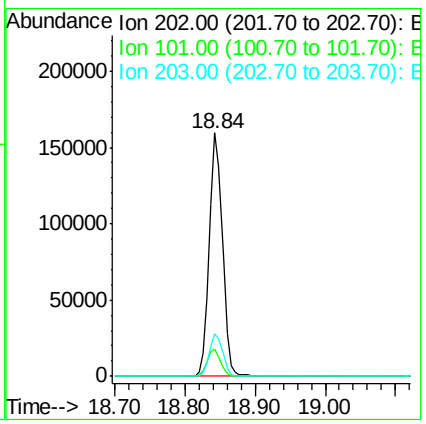


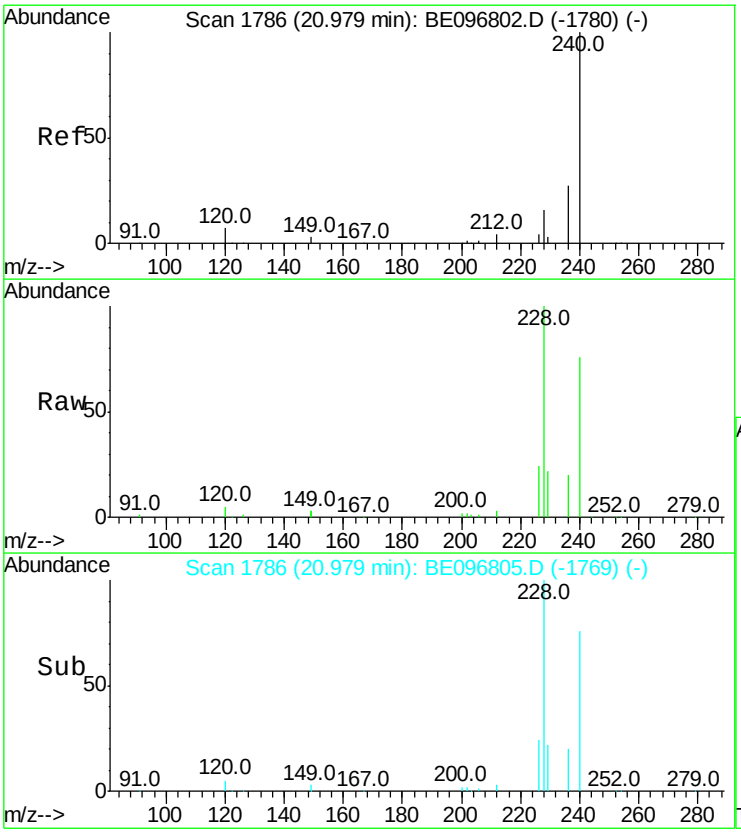
#26
Fluoranthene
Concen: 3.541 ng
RT: 18.84 min Scan# 1507
Delta R.T. -0.00 min
Lab File: BE096805.D
Acq: 18 Jun 2018 12:41

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tgt Ion:202 Resp: 206952

Ion	Ratio	Lower	Upper
202	100		
101	11.6	9.8	14.8
203	17.6	13.7	20.5

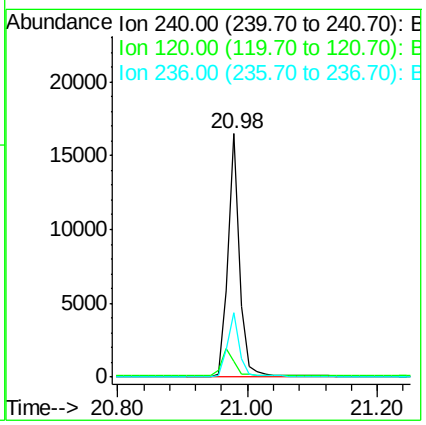


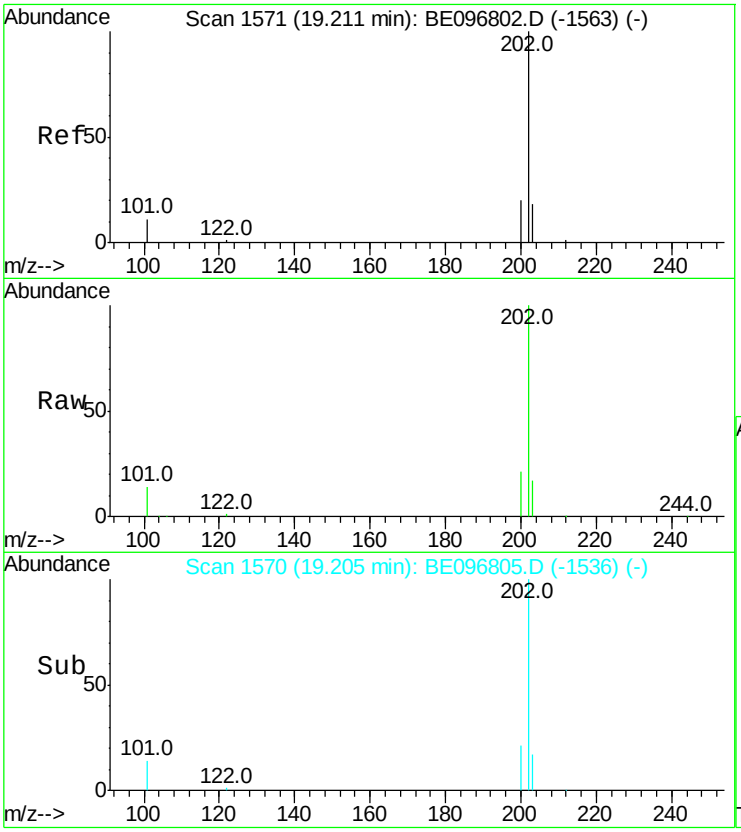


#27
Chrysene-d12
Concen: 0.400 ng
RT: 20.98 min Scan# 1786
Delta R.T. -0.00 min
Lab File: BE096805.D
Acq: 18 Jun 2018 12:41

Tgt Ion:240 Resp: 20825

Ion	Ratio	Lower	Upper
240	100		
120	6.5	5.5	8.3
236	26.5	20.7	31.1



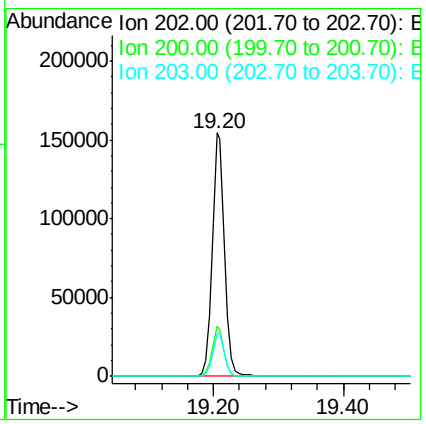


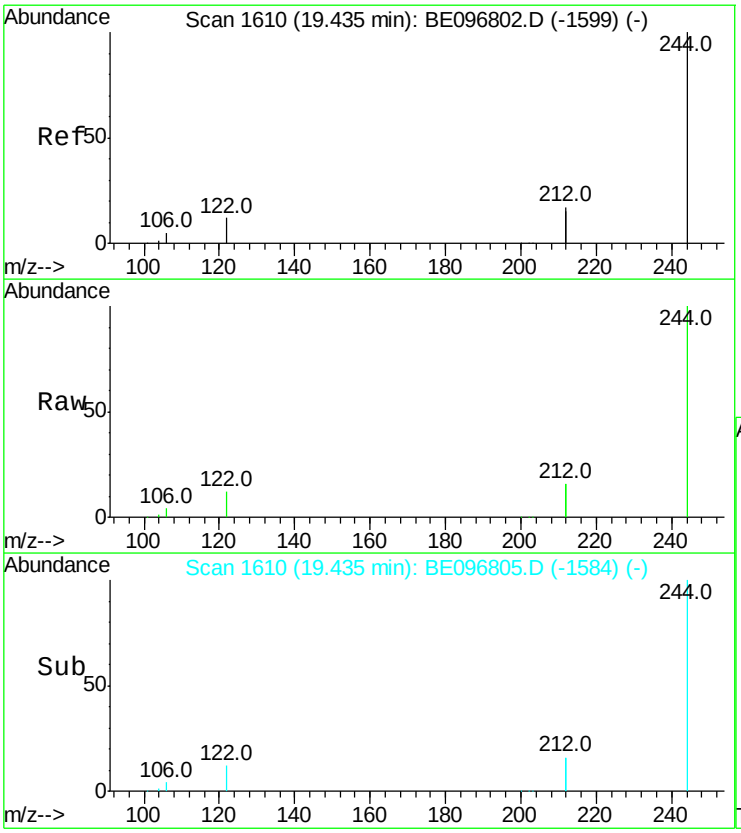
#28
Pyrene
Concen: 3.126 ng
RT: 19.20 min Scan# 1570
Delta R.T. -0.01 min
Lab File: BE096805.D
Acq: 18 Jun 2018 12:41

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tgt Ion:202 Resp: 209248

Ion	Ratio	Lower	Upper
202	100		
200	20.0	16.6	25.0
203	17.5	13.8	20.8

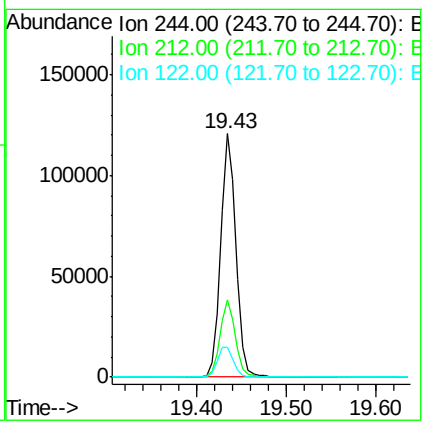


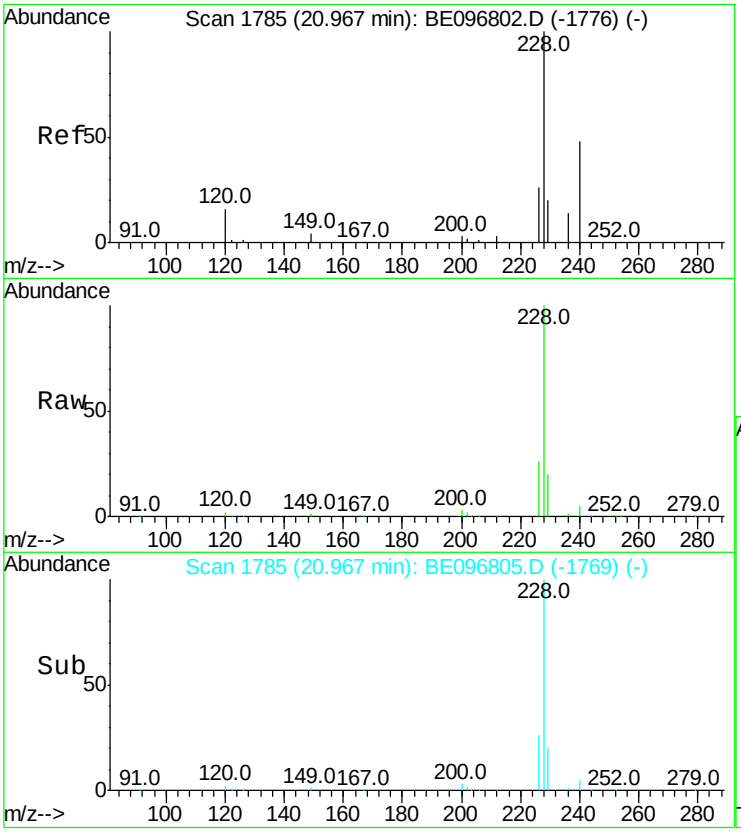


#29
Terphenyl-d14
Concen: 3.102 ng
RT: 19.43 min Scan# 1610
Delta R.T. -0.00 min
Lab File: BE096805.D
Acq: 18 Jun 2018 12:41

Tgt Ion:244 Resp: 142248

Ion	Ratio	Lower	Upper
244	100		
212	31.6	25.4	38.0
122	12.4	8.1	12.1#



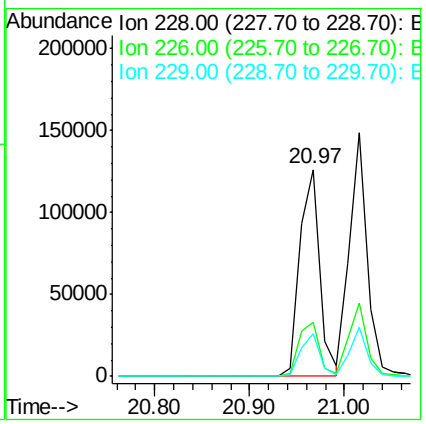


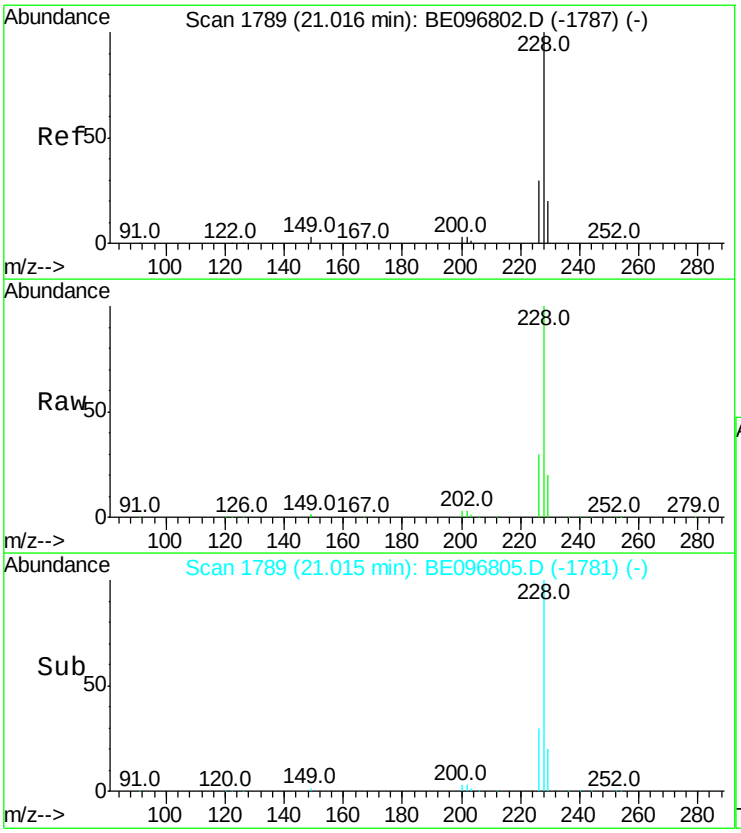
#30
Benzo(a)anthracene
Concen: 3.340 ng
RT: 20.97 min Scan# 1785
Delta R.T. -0.00 min
Lab File: BE096805.D
Acq: 18 Jun 2018 12:41

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tgt Ion:228 Resp: 183617

Ion	Ratio	Lower	Upper
228	100		
226	26.3	24.0	36.0
229	20.5	16.0	24.0

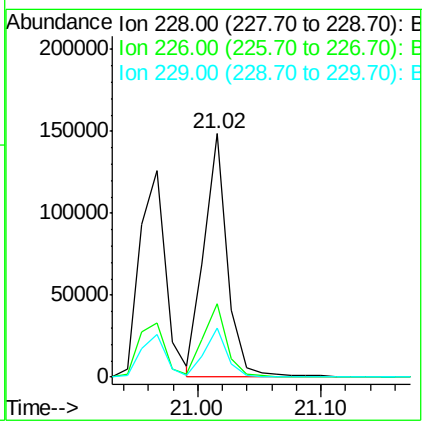


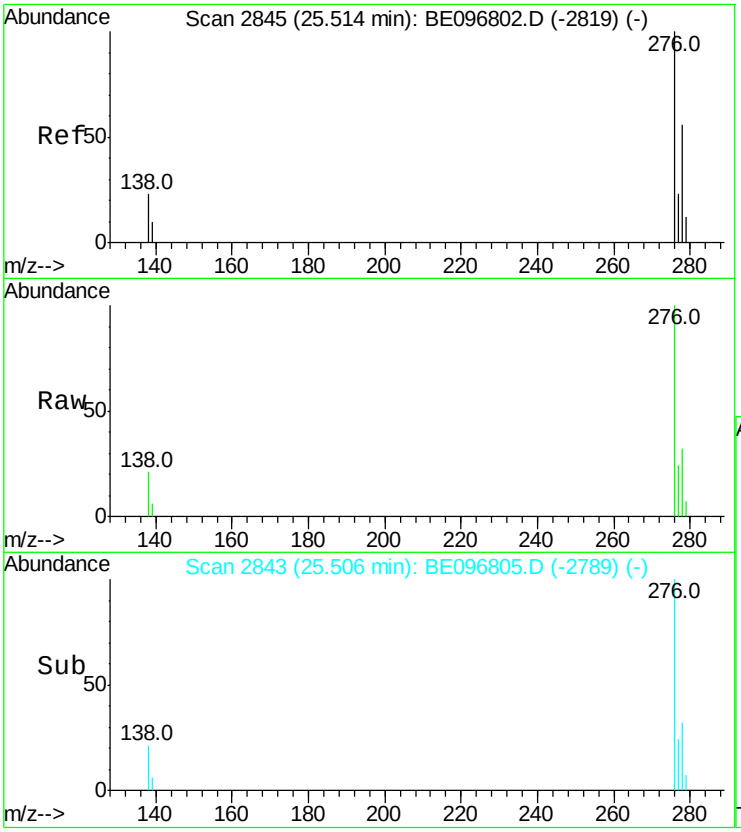


#31
Chrysene
Concen: 3.029 ng
RT: 21.02 min Scan# 1789
Delta R.T. -0.00 min
Lab File: BE096805.D
Acq: 18 Jun 2018 12:41

Tgt Ion:228 Resp: 192302

Ion	Ratio	Lower	Upper
228	100		
226	30.0	24.0	36.0
229	20.0	16.0	24.0



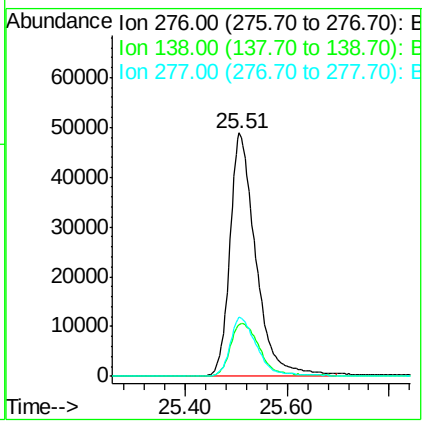


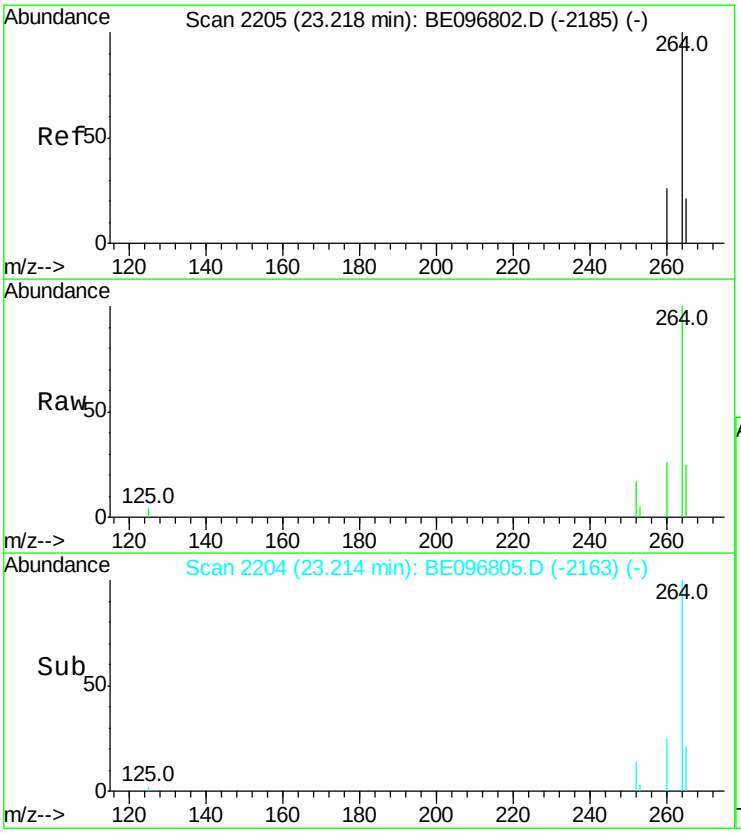
#33
Indeno(1,2,3-cd)pyrene
Concen: 3.131 ng
RT: 25.51 min Scan# 2843
Delta R.T. -0.01 min
Lab File: BE096805.D
Acq: 18 Jun 2018 12:41

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tgt Ion:276 Resp: 171953

Ion	Ratio	Lower	Upper
276	100		
138	24.7	22.5	33.7
277	25.0	19.9	29.9

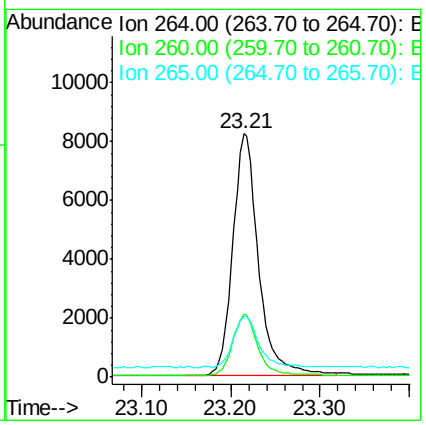


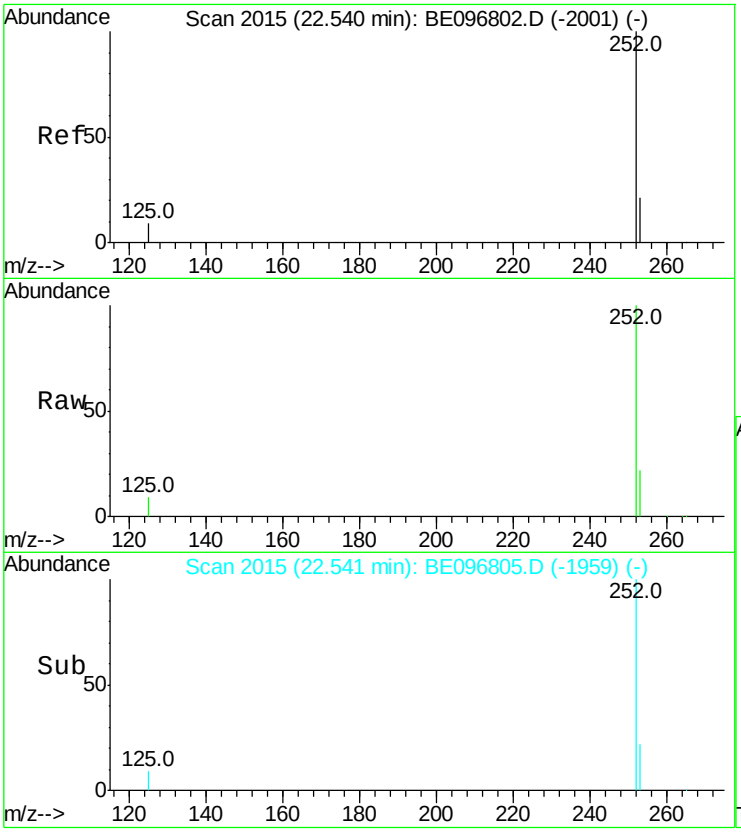


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.21 min Scan# 2204
Delta R.T. -0.00 min
Lab File: BE096805.D
Acq: 18 Jun 2018 12:41

Tgt Ion:264 Resp: 16509

Ion	Ratio	Lower	Upper
264	100		
260	25.8	20.5	30.7
265	25.0	22.8	34.2



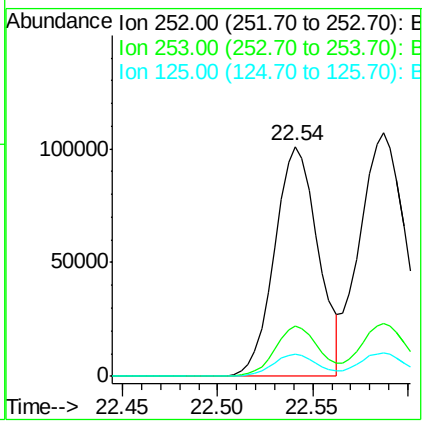


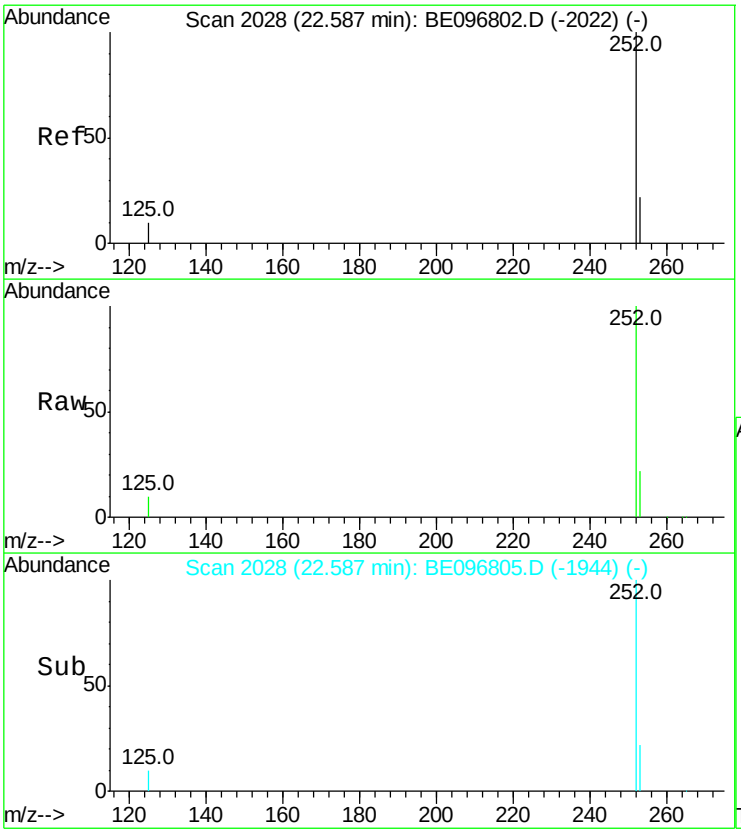
#35
Benzo(b)fluoranthene
Concen: 3.429 ng
RT: 22.54 min Scan# 2015
Delta R.T. 0.00 min
Lab File: BE096805.D
Acq: 18 Jun 2018 12:41

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tgt Ion:252 Resp: 160799

Ion	Ratio	Lower	Upper
252	100		
253	21.8	20.0	30.0
125	9.4	16.0	24.0#

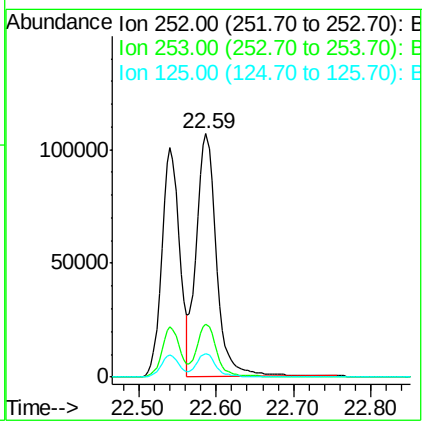


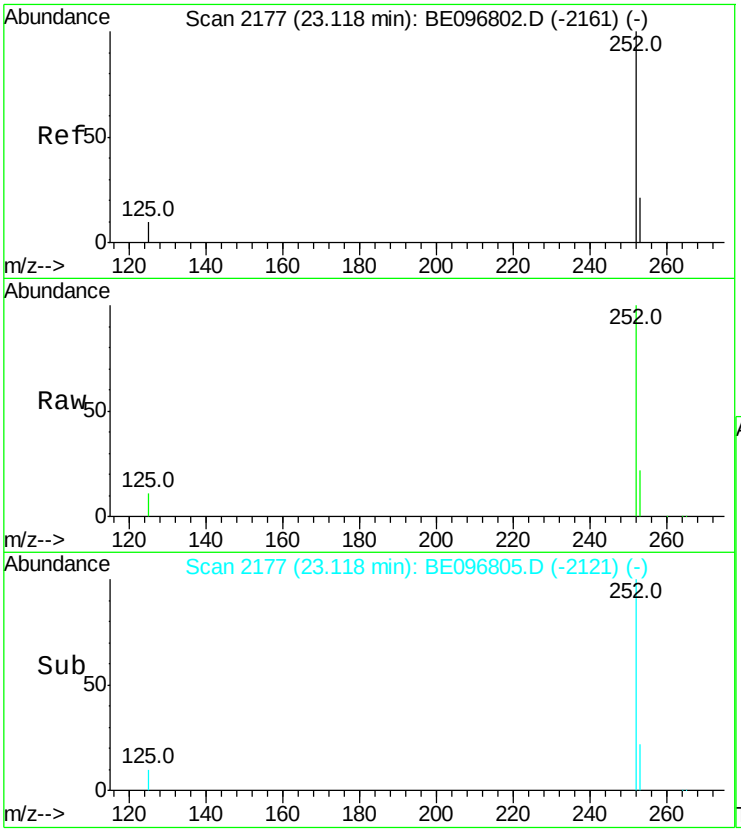


#36
Benzo(k)fluoranthene
Concen: 3.614 ng
RT: 22.59 min Scan# 2028
Delta R.T. 0.00 min
Lab File: BE096805.D
Acq: 18 Jun 2018 12:41

Tgt Ion:252 Resp: 193424

Ion	Ratio	Lower	Upper
252	100		
253	22.0	16.0	24.0
125	9.6	8.0	12.0



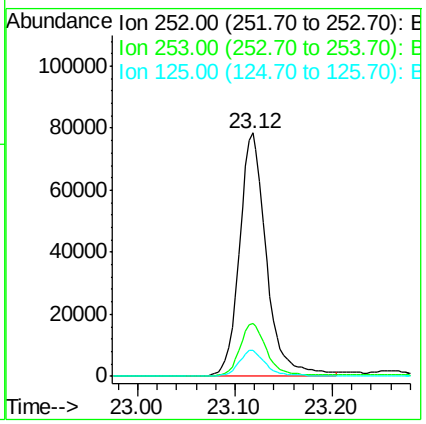


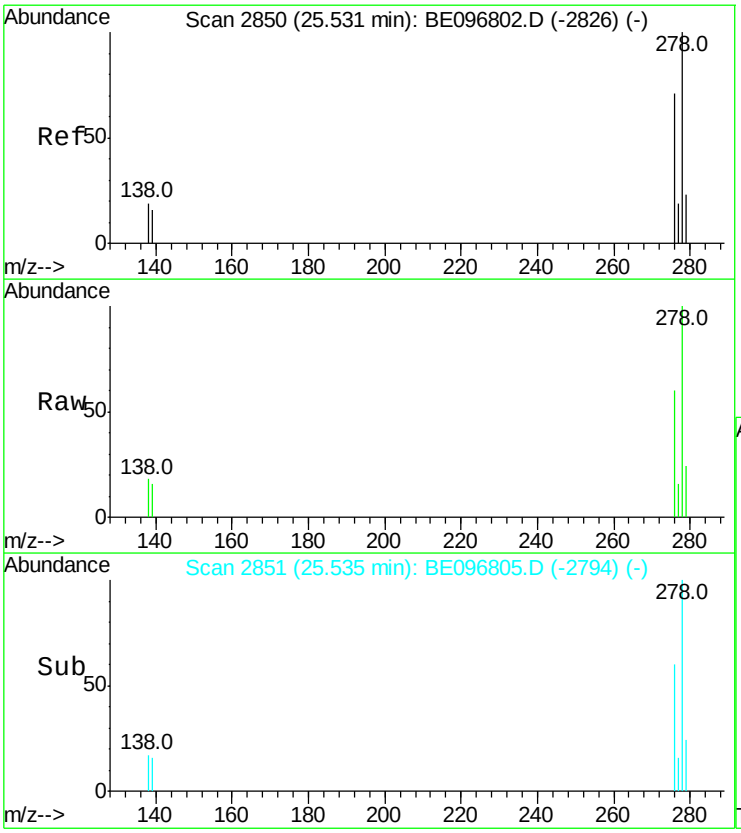
#37
Benzo(a)pyrene
Concen: 3.567 ng
RT: 23.12 min Scan# 2177
Delta R.T. 0.00 min
Lab File: BE096805.D
Acq: 18 Jun 2018 12:41

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tgt Ion:252 Resp: 150052

Ion	Ratio	Lower	Upper
252	100		
253	22.0	16.0	24.0
125	10.6	12.0	18.0#

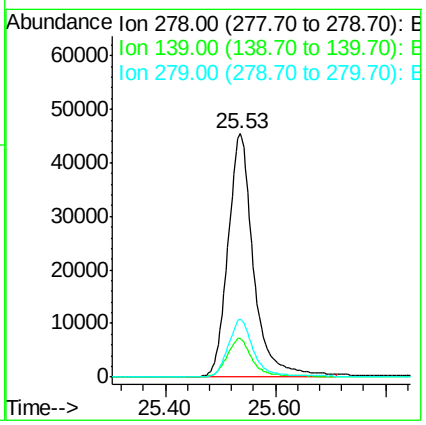


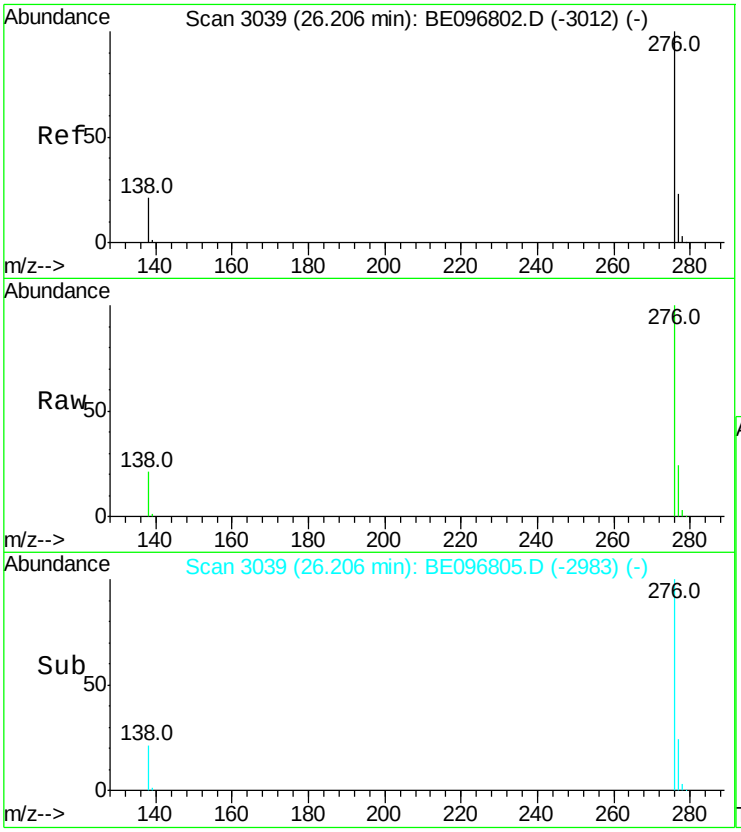


#38
Dibenzo(a,h)anthracene
Concen: 3.543 ng
RT: 25.53 min Scan# 2851
Delta R.T. 0.00 min
Lab File: BE096805.D
Acq: 18 Jun 2018 12:41

Tgt Ion:278 Resp: 146774

Ion	Ratio	Lower	Upper
278	100		
139	15.9	16.0	24.0#
279	23.7	20.0	30.0





#39
Benzo(g,h,i)perylene
Concen: 3.380 ng
RT: 26.21 min Scan# 3039
Delta R.T. -0.00 min
Lab File: BE096805.D
Acq: 18 Jun 2018 12:41

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tgt Ion:276 Resp: 148106

Ion	Ratio	Lower	Upper
276	100		
277	23.9	16.0	24.0
138	21.5	20.0	30.0