Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE061818\
Data File : BE096801.D
Acq On : 18 Jun 2018 10:12
Operator : SJ/JU
Sample : SSTDICC0.2
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : SSTDICC0.2

Quant Time: Jun 18 11:40:35 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	2630	0.40	ng		0.00
7) Naphthalene-d8	10.16	136	12771	0.40	ng		0.00
13) Acenaphthene-d10	14.03	164	6973	0.40	ng		0.00
19) Phenanthrene-d10	16.78	188	19645	0.40	ng		0.00
27) Chrysene-d12	20.98	240	14225	0.40	ng		0.00
34) Perylene-d12	23.22	264	12748	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.06	112	1139	0.16	ng		0.00
5) Phenol-d6	6.59	99	1696	0.15	ng		0.00
8) Nitrobenzene-d5	8.53	82	1377	0.16	ng		0.00
11) 2-Methylnaphthalene-d10	11.74	152	4138	0.20	ng		0.00
14) 2,4,6-Tribromophenol	15.52	330	276	0.12	ng		0.00
15) 2-Fluorobiphenyl	12.64	172	6086	0.22	ng		0.00
25) Fluoranthene-d10	18.82	212	35856	0.18	ng		0.00
29) Terphenyl-d14	19.44	244	7051	0.23	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.10	88	873	0.205	ng	#	87
3) n-Nitrosodimethylamine	3.39	42	879	0.184	ng	#	86
6) bis(2-Chloroethyl)ether	6.84	93	2105	0.203	ng		96
9) Naphthalene	10.20	128	26297	0.210	ng		100
10) Hexachlorobutadiene	10.50	225	1122	0.218	ng		98
12) 2-Methylnaphthalene	11.81	142	4295	0.199	ng		98
16) Acenaphthylene	13.74	152	6575	0.195	ng		99
17) Acenaphthene	14.08	154	4518	0.203	ng	#	93
18) Fluorene	15.08	166	5291	0.198	ng	#	81
20) 4-Bromophenyl-phenylether	15.98	248	1926	0.198	ng	#	88
21) Hexachlorobenzene	16.09	284	2392	0.218	ng	#	80
22) Pentachlorophenol	16.43	266	285	0.111	ng	#	77
23) Phenanthrene	16.81	178	10928	0.205	ng		98
24) Anthracene	16.91	178	8226	0.181	ng		96
26) Fluoranthene	18.84	202	10436	0.178	ng		98
28) Pyrene	19.21	202	10159	0.222	ng		99
30) Benzo(a)anthracene	20.97	228	6727	0.179	ng		96
31) Chrysene	21.01	228	9461	0.218	ng		99
32) Bis(2-ethylhexyl)phthalate	20.93	149	5551	0.155	ng		99
33) Indeno(1,2,3-cd)pyrene	25.51	276	6561	0.175	ng	#	91
35) Benzo(b)fluoranthene	22.54	252	6556	0.181	ng	#	92
36) Benzo(k)fluoranthene	22.59	252	7725	0.187	ng	#	92
37) Benzo(a)pyrene	23.12	252	5546	0.171	ng	#	93
38) Dibenzo(a,h)anthracene	25.54	278	5242	0.164	ng		98
39) Benzo(g,h,i)perylene	26.21	276	6219	0.184	ng	#	92

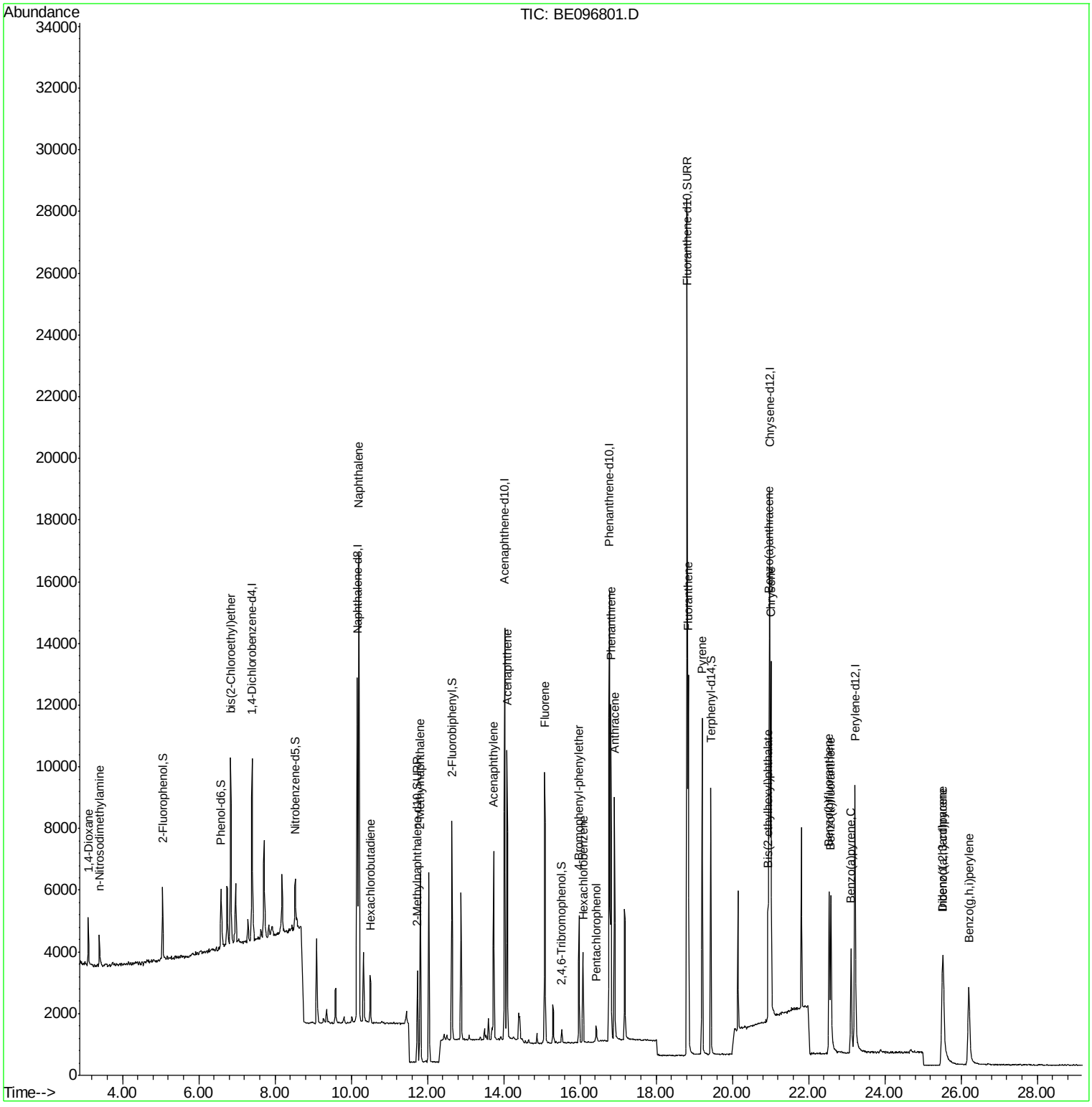
(#) = qualifier out of range (m) = manual integration (+) = signals summed

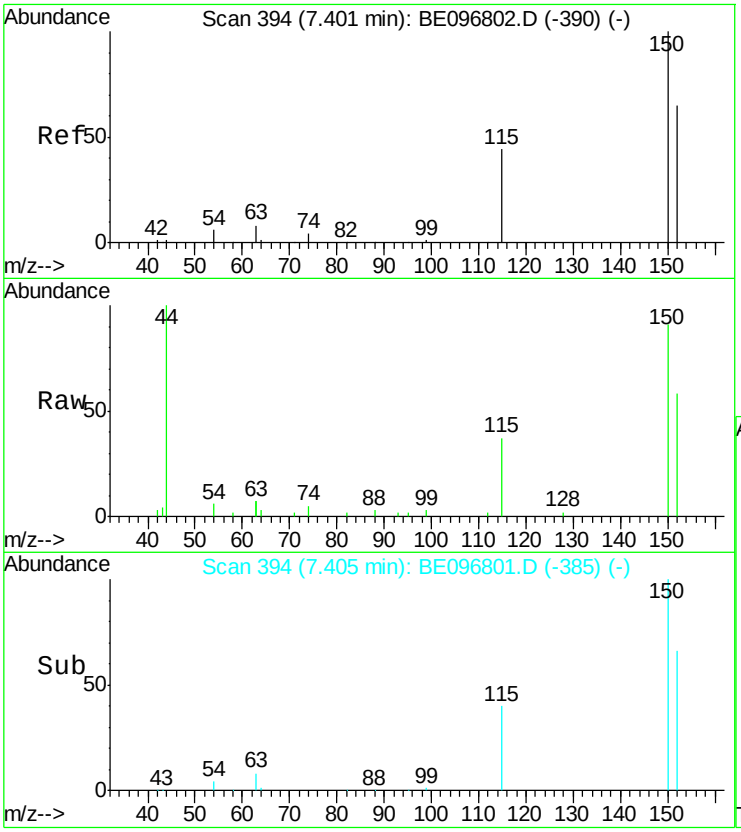
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE061818\
Data File : BE096801.D
Acq On : 18 Jun 2018 10:12
Operator : SJ/JU
Sample : SSTDICC0.2
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Quant Time: Jun 18 11:40:35 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



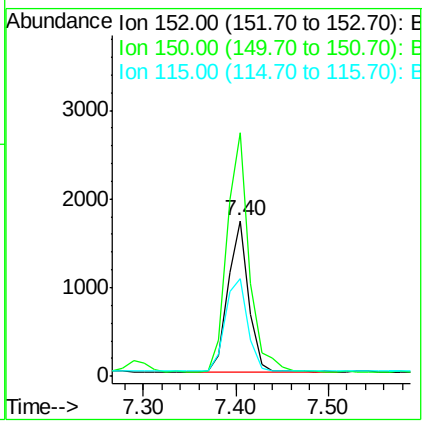


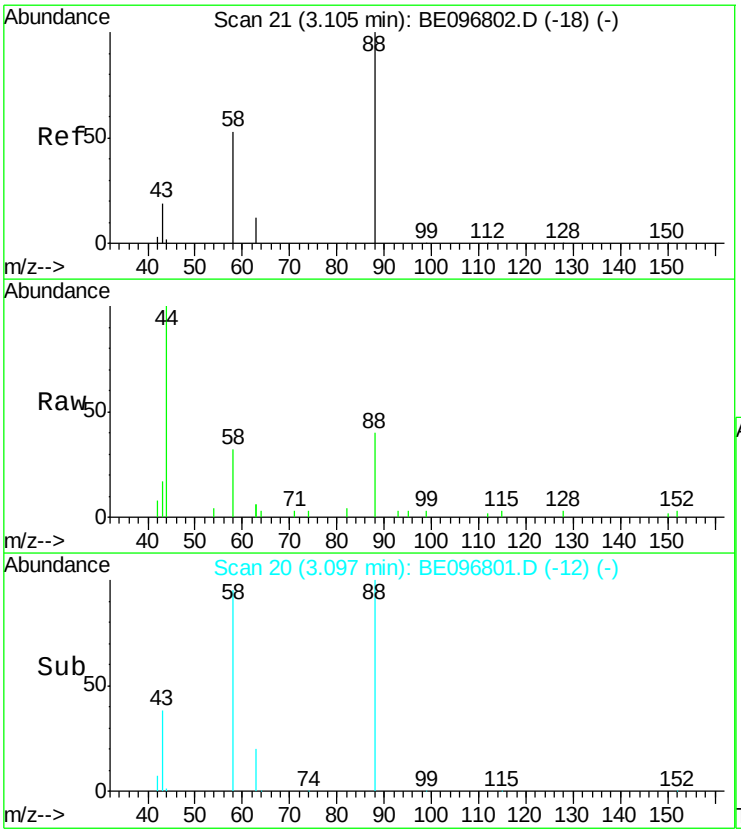
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.40 min Scan# 394
Delta R.T. 0.00 min
Lab File: BE096801.D
Acq: 18 Jun 2018 10:12

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:152 Resp: 2630

Ion	Ratio	Lower	Upper
152	100		
150	156.3	117.2	175.8
115	63.1	57.0	85.6

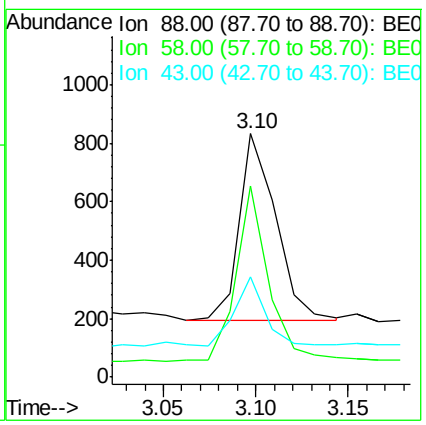


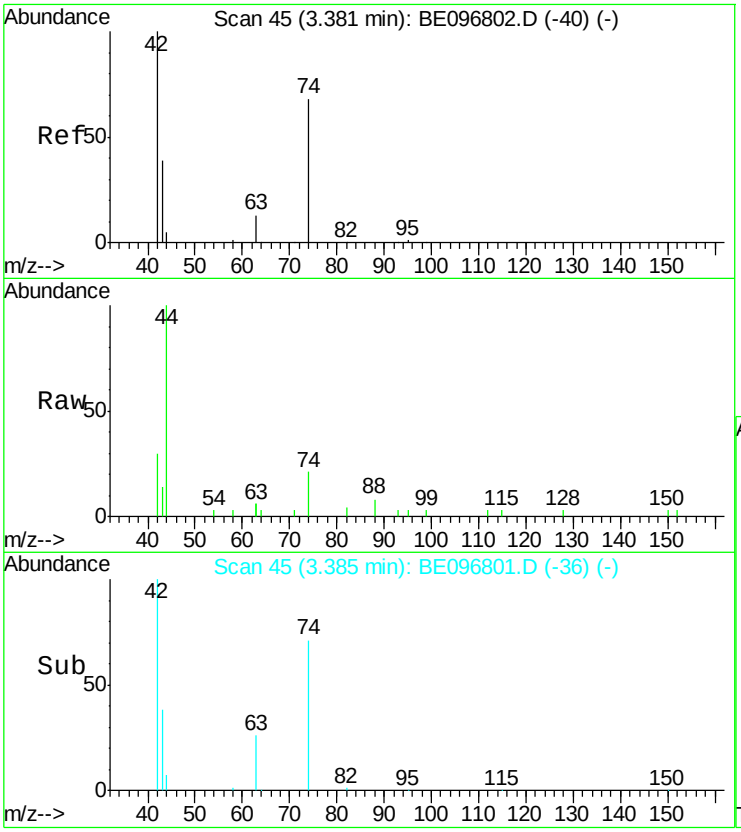


#2
1,4-Dioxane
Concen: 0.205 ng
RT: 3.10 min Scan# 20
Delta R.T. -0.01 min
Lab File: BE096801.D
Acq: 18 Jun 2018 10:12

Tgt Ion: 88 Resp: 873

Ion	Ratio	Lower	Upper
88	100		
58	83.4	63.2	94.8
43	33.6	41.2	61.8#



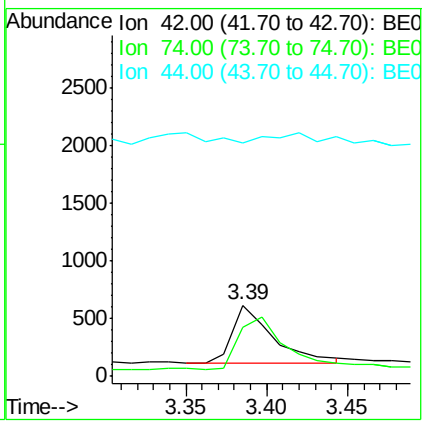


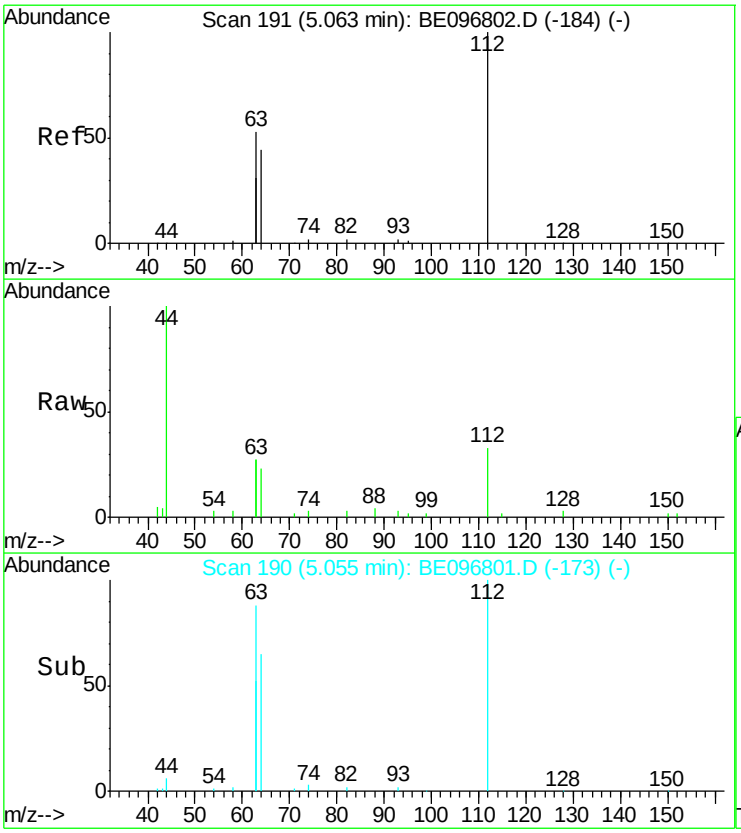
#3
n-Nitrosodimethylamine
Concen: 0.184 ng
RT: 3.39 min Scan# 45
Delta R.T. 0.00 min
Lab File: BE096801.D
Acq: 18 Jun 2018 10:12

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion: 42 Resp: 879

Ion	Ratio	Lower	Upper
42	100		
74	107.3	96.0	144.0
44	0.0	12.0	18.0#

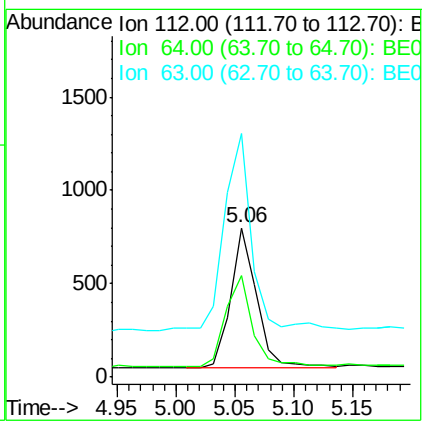


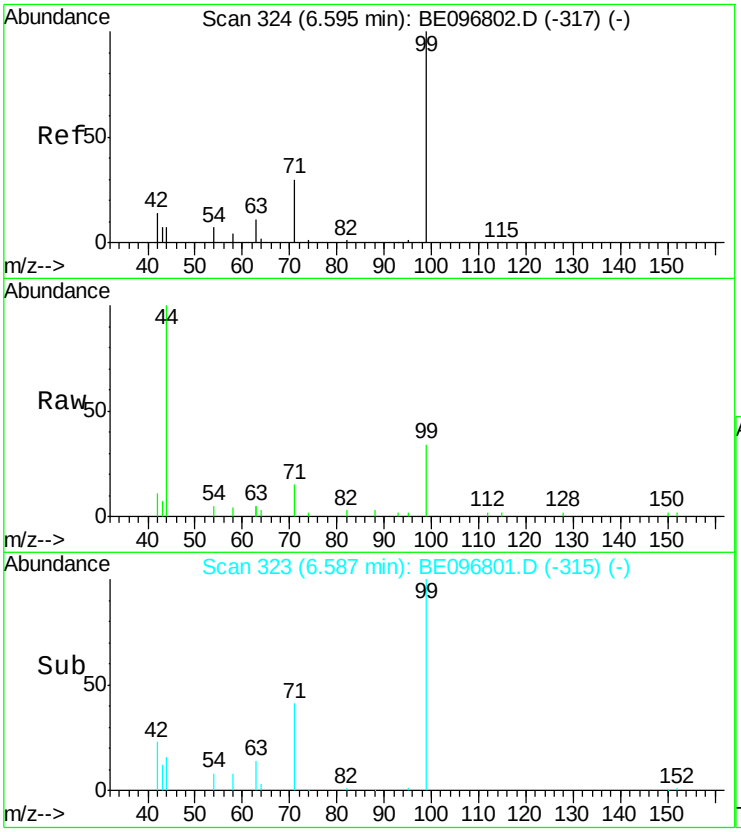


#4
2-Fluorophenol
Concen: 0.157 ng
RT: 5.06 min Scan# 190
Delta R.T. -0.01 min
Lab File: BE096801.D
Acq: 18 Jun 2018 10:12

Tgt Ion:112 Resp: 1139

Ion	Ratio	Lower	Upper
112	100		
64	67.7	60.1	90.1
63	153.2	116.8	175.2



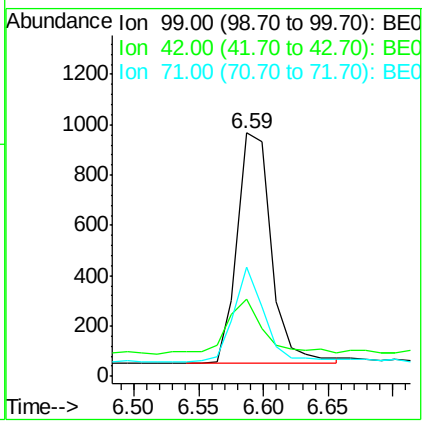


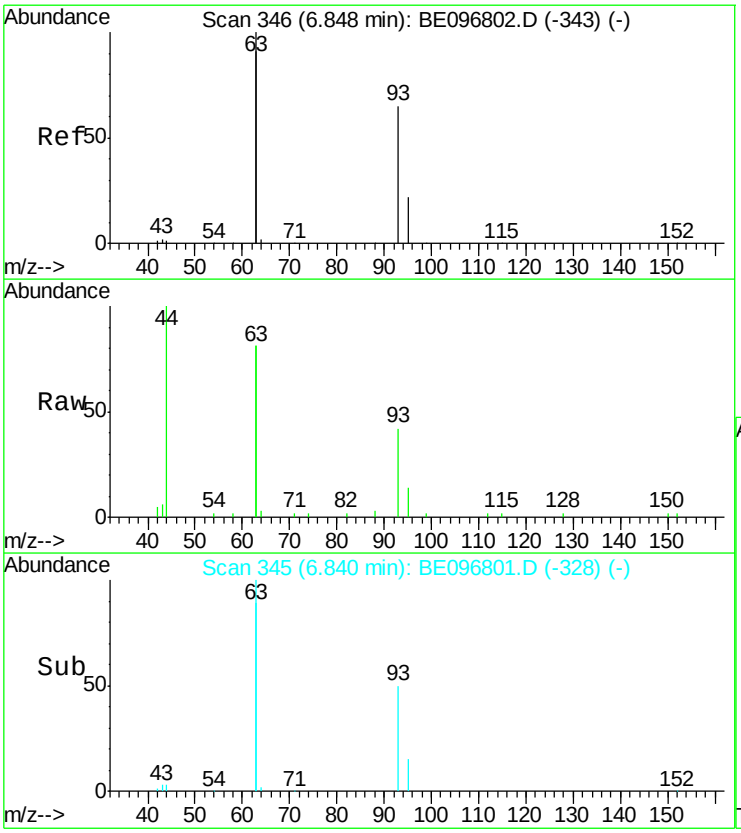
#5
Phenol-d6
Concen: 0.154 ng
RT: 6.59 min Scan# 323
Delta R.T. -0.01 min
Lab File: BE096801.D
Acq: 18 Jun 2018 10:12

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion: 99 Resp: 1696

Ion	Ratio	Lower	Upper
99	100		
42	25.1	20.2	30.2
71	35.9	28.4	42.6

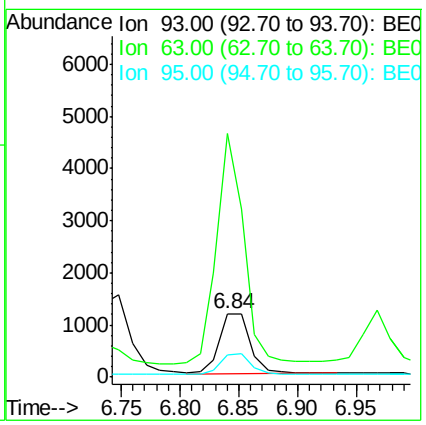


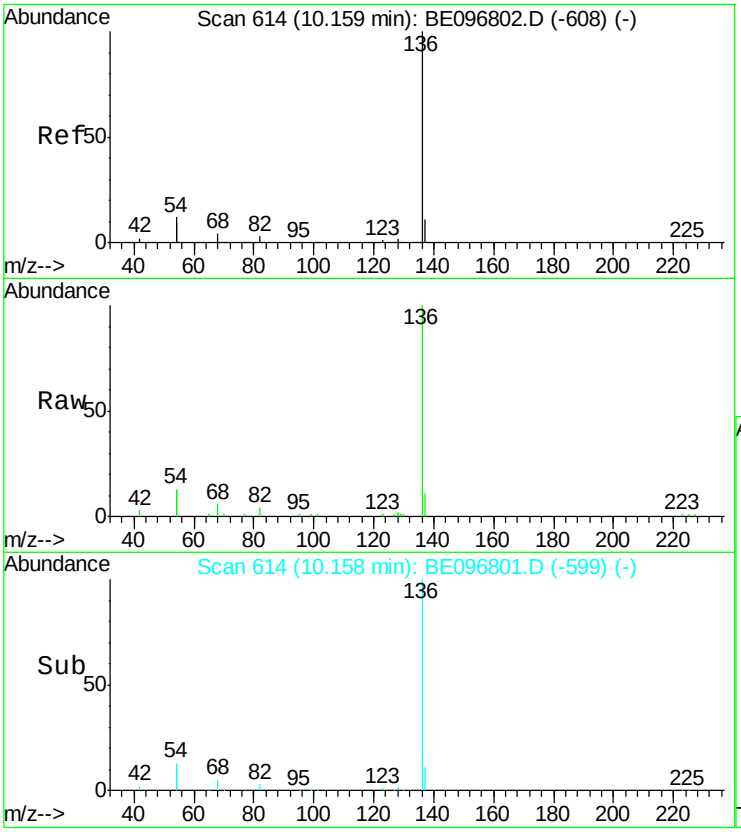


#6
bis(2-Chloroethyl)ether
Concen: 0.203 ng
RT: 6.84 min Scan# 345
Delta R.T. -0.01 min
Lab File: BE096801.D
Acq: 18 Jun 2018 10:12

Tgt Ion: 93 Resp: 2105

Ion	Ratio	Lower	Upper
93	100		
63	335.2	275.3	412.9
95	32.5	25.2	37.8



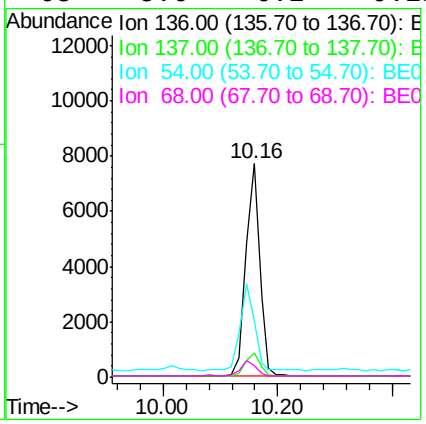


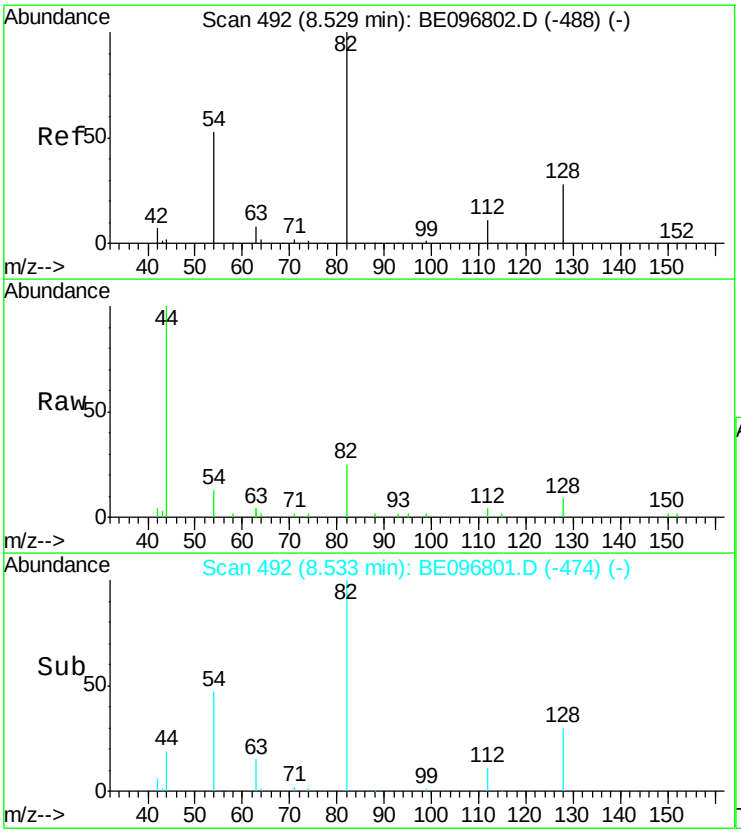
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.16 min Scan# 614
Delta R.T. -0.00 min
Lab File: BE096801.D
Acq: 18 Jun 2018 10:12

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:136 Resp: 12771

Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.5	14.3
54	26.7	29.1	43.7#
68	5.6	6.2	9.2#

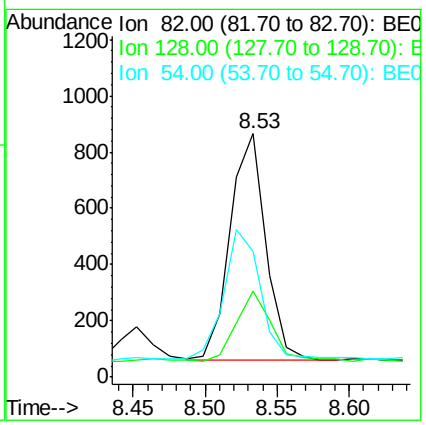


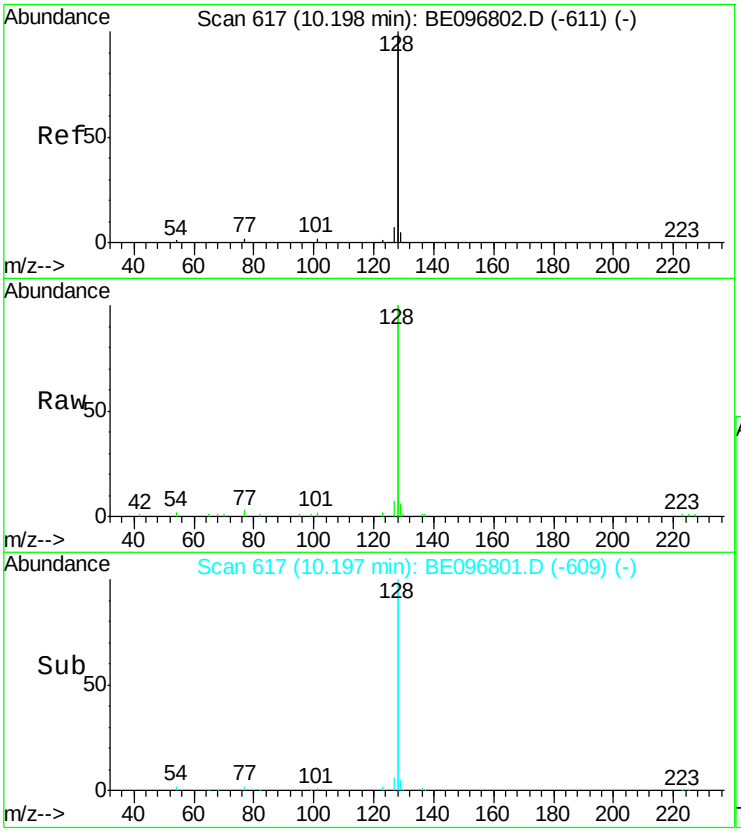


#8
Nitrobenzene-d5
Concen: 0.163 ng
RT: 8.53 min Scan# 492
Delta R.T. 0.00 min
Lab File: BE096801.D
Acq: 18 Jun 2018 10:12

Tgt Ion: 82 Resp: 1377

Ion	Ratio	Lower	Upper
82	100		
128	35.2	24.0	36.0
54	51.6	40.0	60.0



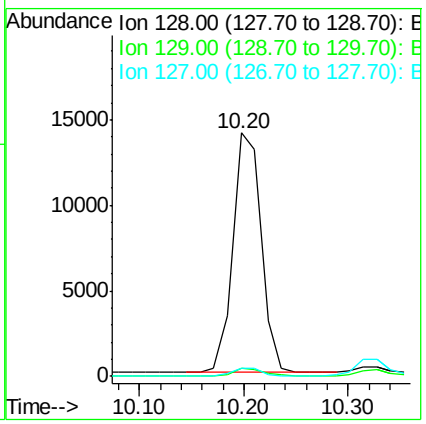


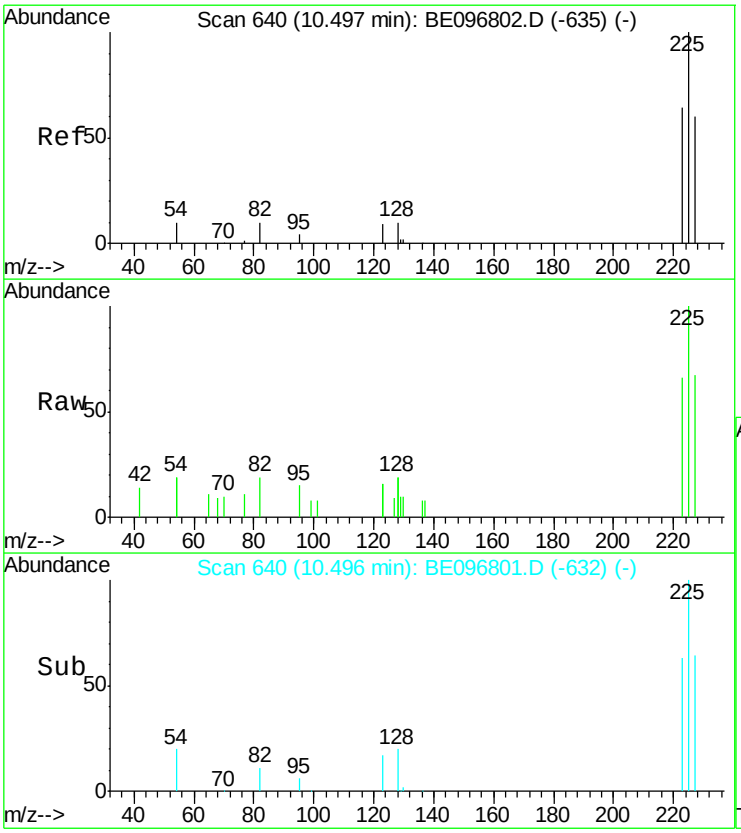
#9
Naphthalene
Concen: 0.210 ng
RT: 10.20 min Scan# 617
Delta R.T. -0.00 min
Lab File: BE096801.D
Acq: 18 Jun 2018 10:12

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:128 Resp: 26297

Ion	Ratio	Lower	Upper
128	100		
129	3.1	2.6	3.8
127	3.5	2.8	4.2

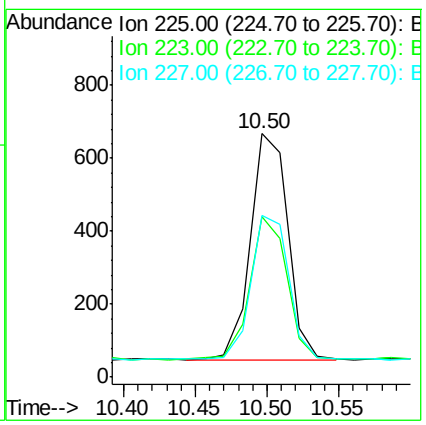


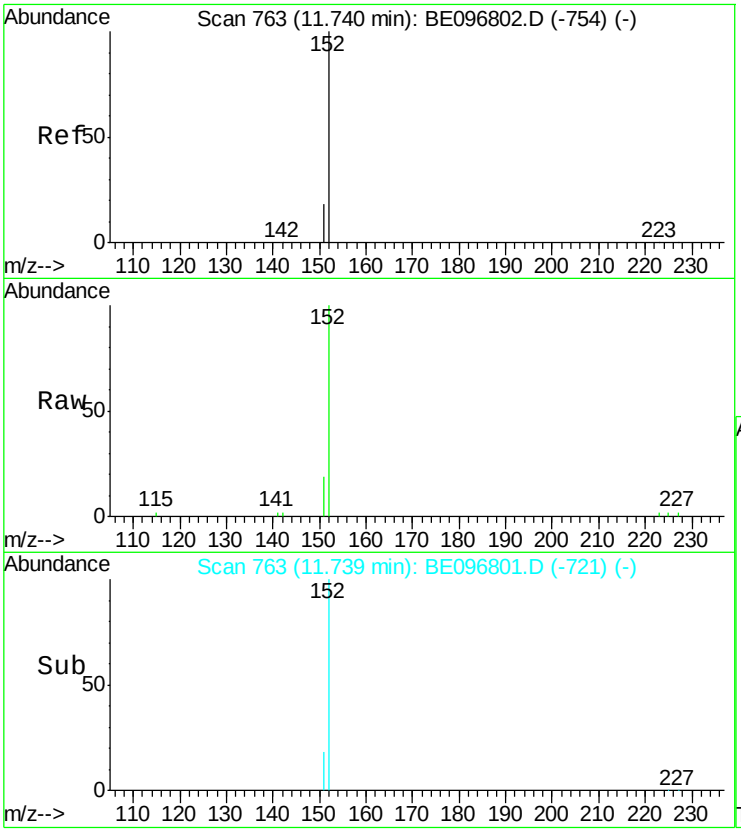


#10
Hexachlorobutadiene
Concen: 0.218 ng
RT: 10.50 min Scan# 640
Delta R.T. -0.00 min
Lab File: BE096801.D
Acq: 18 Jun 2018 10:12

Tgt Ion:225 Resp: 1122

Ion	Ratio	Lower	Upper
225	100		
223	62.8	53.0	79.6
227	64.1	51.4	77.2



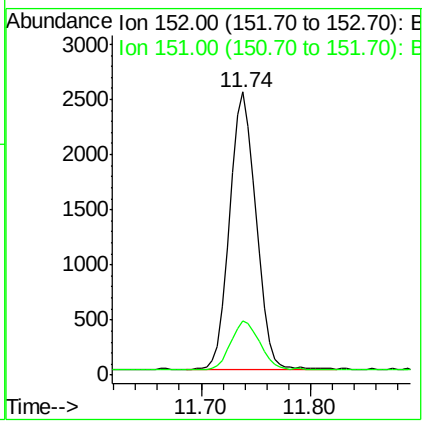


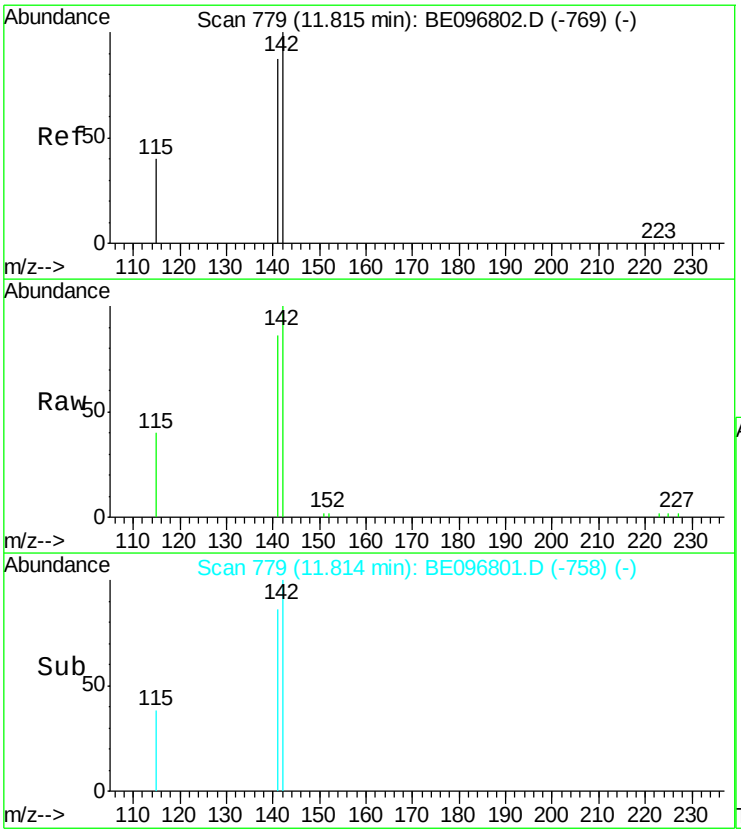
#11
2-Methylnaphthalene-d10
Concen: 0.197 ng
RT: 11.74 min Scan# 763
Delta R.T. -0.00 min
Lab File: BE096801.D
Acq: 18 Jun 2018 10:12

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:152 Resp: 4138

Ion	Ratio	Lower	Upper
152	100		
151	19.0	15.4	23.0

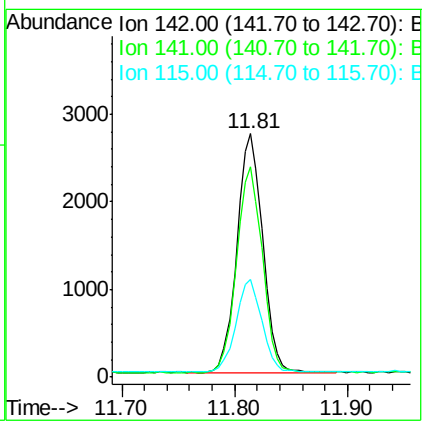


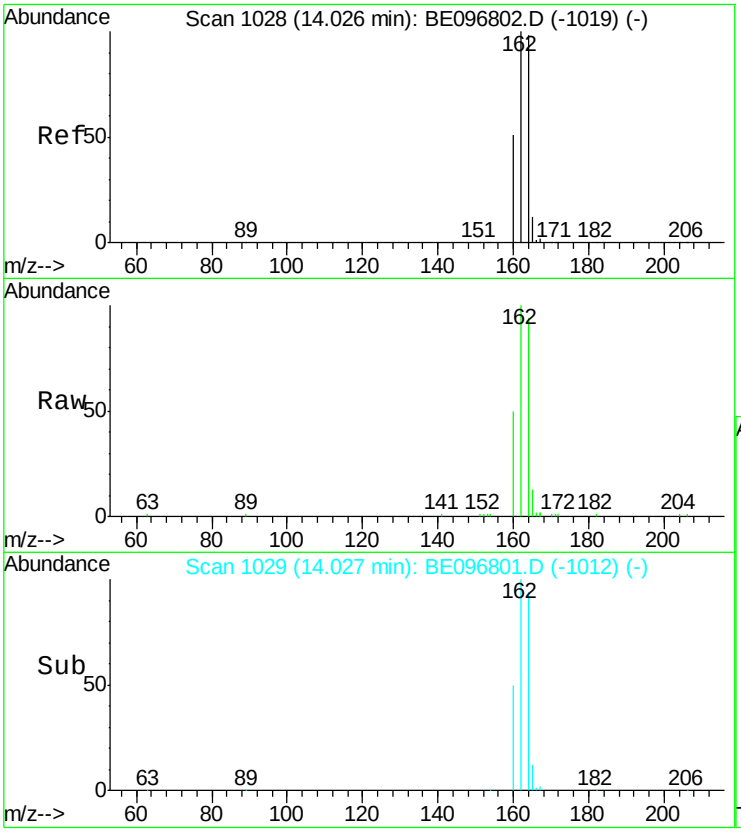


#12
2-Methylnaphthalene
Concen: 0.199 ng
RT: 11.81 min Scan# 779
Delta R.T. -0.00 min
Lab File: BE096801.D
Acq: 18 Jun 2018 10:12

Tgt Ion:142 Resp: 4295

Ion	Ratio	Lower	Upper
142	100		
141	86.1	70.4	105.6
115	40.0	31.7	47.5



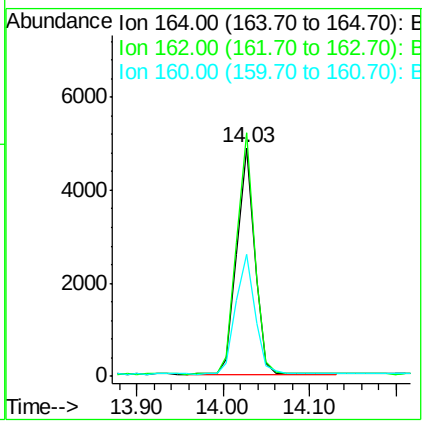


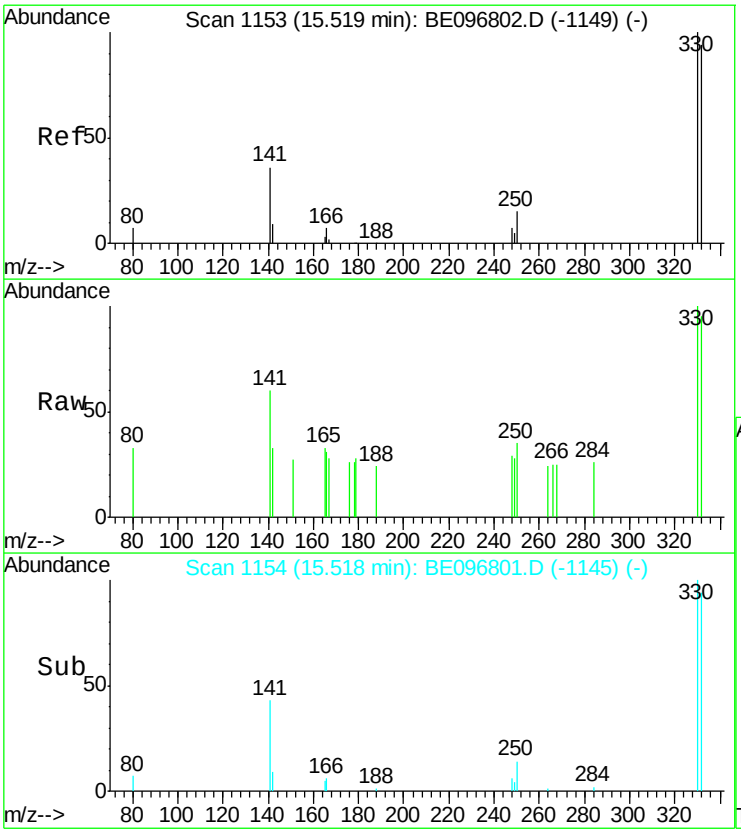
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.03 min Scan# 1029
Delta R.T. 0.00 min
Lab File: BE096801.D
Acq: 18 Jun 2018 10:12

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:164 Resp: 6973

Ion	Ratio	Lower	Upper
164	100		
162	106.4	83.1	124.7
160	53.5	37.1	55.7

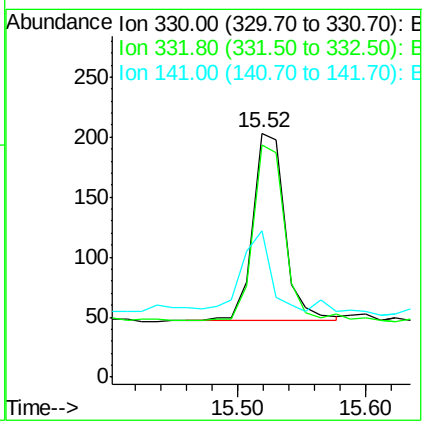


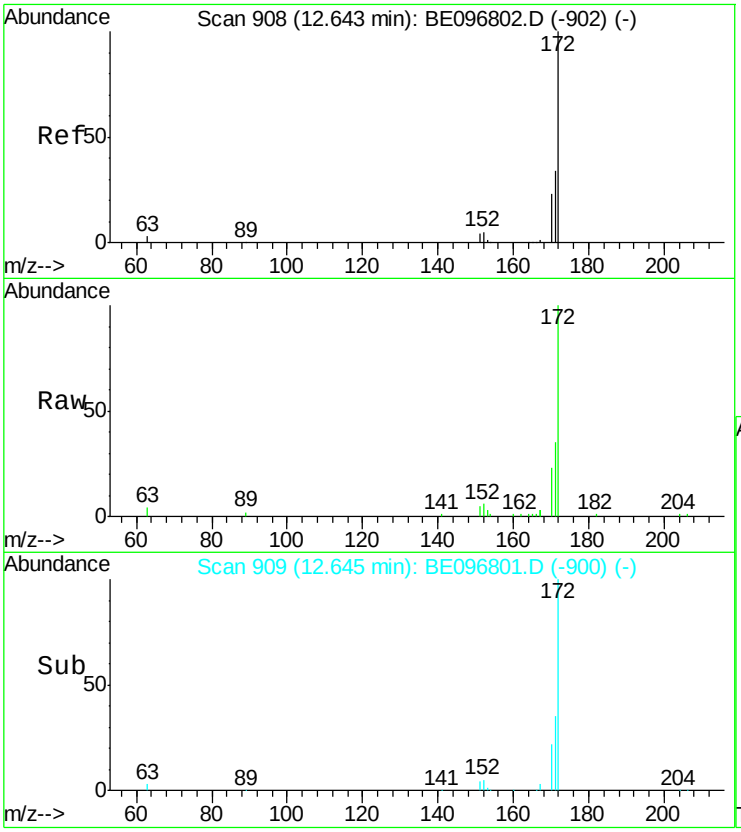


#14
2,4,6-Tribromophenol
Concen: 0.123 ng
RT: 15.52 min Scan# 1154
Delta R.T. -0.00 min
Lab File: BE096801.D
Acq: 18 Jun 2018 10:12

Tgt Ion:330 Resp: 276

Ion	Ratio	Lower	Upper
330	100		
332	90.6	152.7	229.1#
141	37.3	33.7	50.5



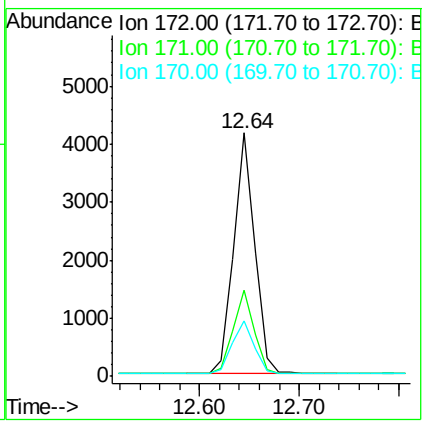


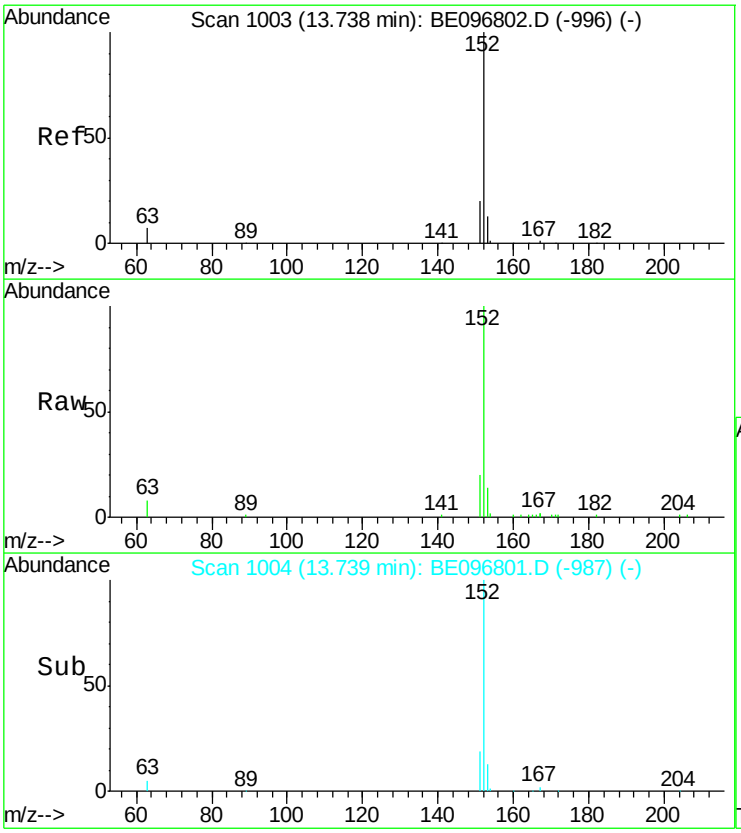
#15
2-Fluorobiphenyl
Concen: 0.222 ng
RT: 12.64 min Scan# 909
Delta R.T. 0.00 min
Lab File: BE096801.D
Acq: 18 Jun 2018 10:12

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:172 Resp: 6086

Ion	Ratio	Lower	Upper
172	100		
171	35.5	29.9	44.9
170	22.7	21.8	32.8

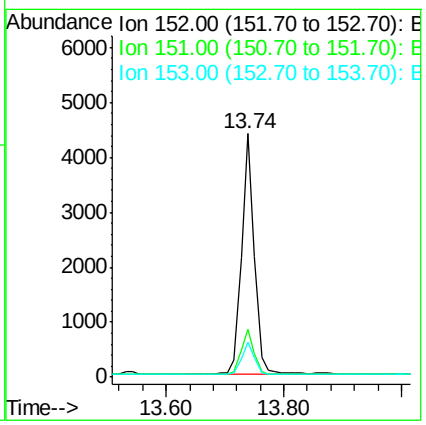


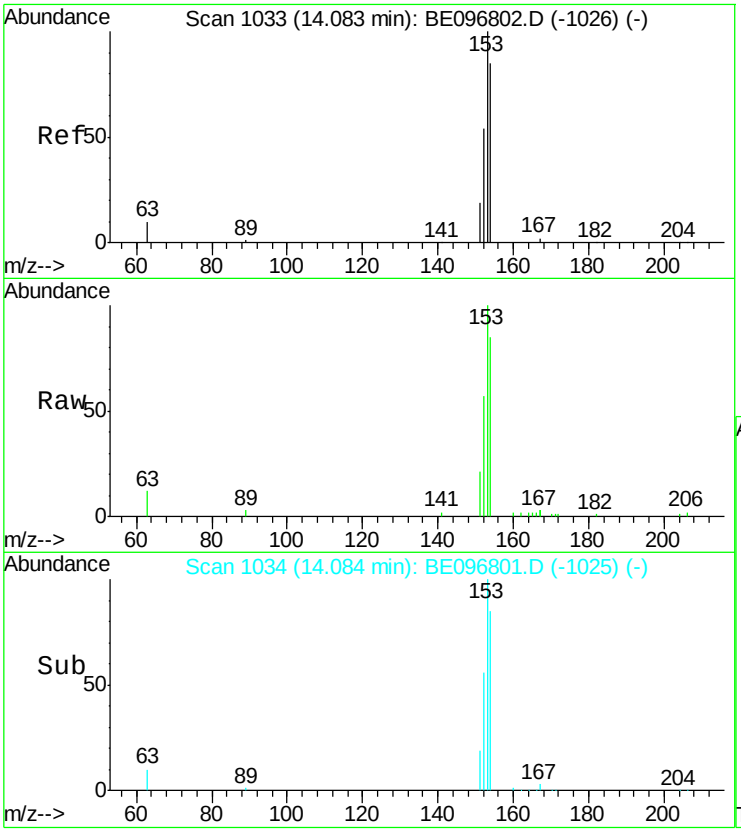


#16
Acenaphthylene
Concen: 0.195 ng
RT: 13.74 min Scan# 1004
Delta R.T. 0.00 min
Lab File: BE096801.D
Acq: 18 Jun 2018 10:12

Tgt Ion:152 Resp: 6575

Ion	Ratio	Lower	Upper
152	100		
151	18.8	15.7	23.5
153	13.5	10.5	15.7



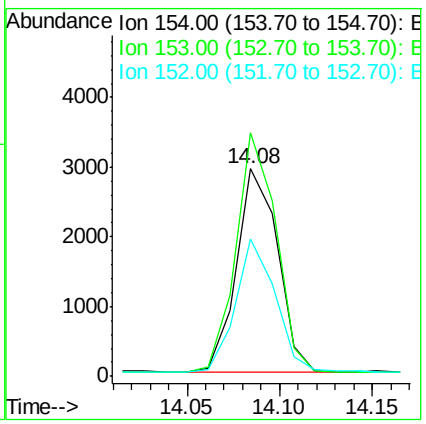


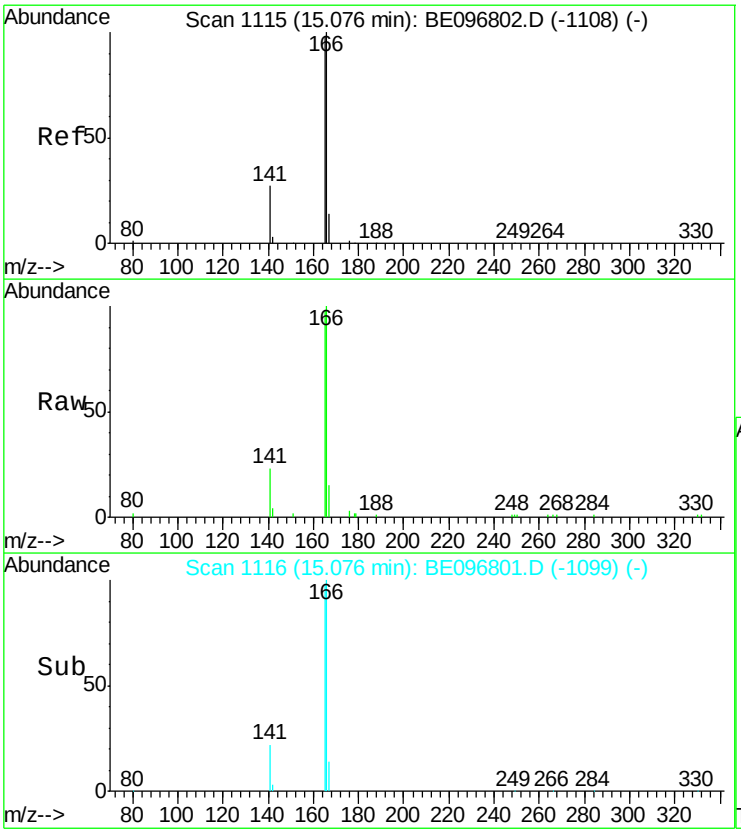
#17
Acenaphthene
Concen: 0.203 ng
RT: 14.08 min Scan# 1034
Delta R.T. 0.00 min
Lab File: BE096801.D
Acq: 18 Jun 2018 10:12

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:154 Resp: 4518

Ion	Ratio	Lower	Upper
154	100		
153	115.1	89.2	133.8
152	64.0	42.0	63.0#

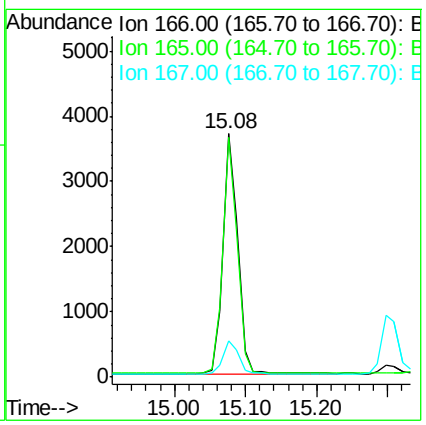


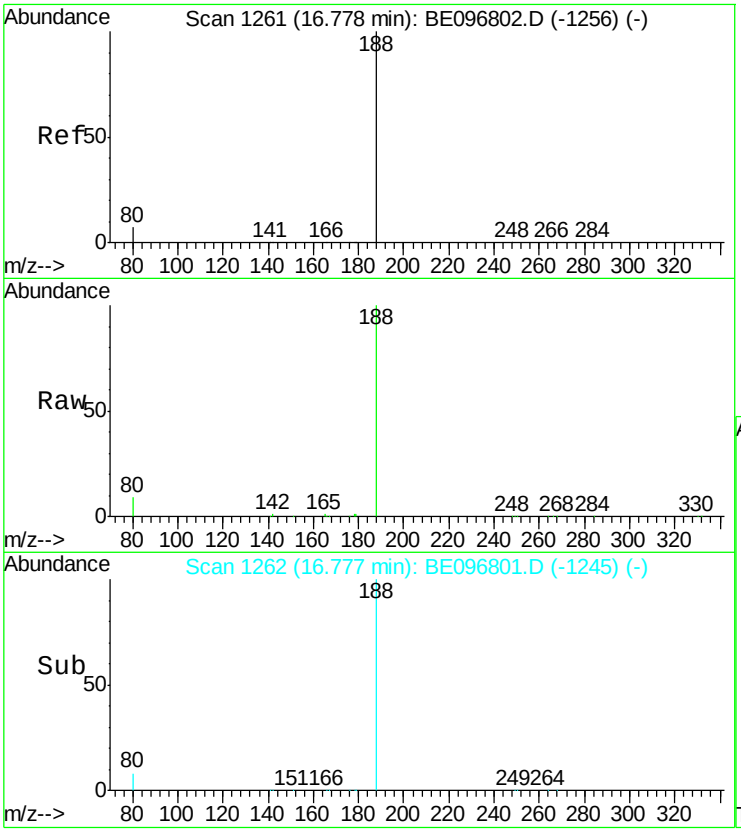


#18
Fluorene
Concen: 0.198 ng
RT: 15.08 min Scan# 1116
Delta R.T. -0.00 min
Lab File: BE096801.D
Acq: 18 Jun 2018 10:12

Tgt Ion:166 Resp: 5291

Ion	Ratio	Lower	Upper
166	100		
165	96.5	77.8	116.6
167	14.7	42.4	63.6#



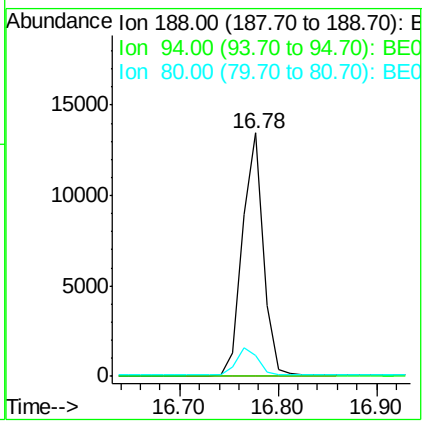


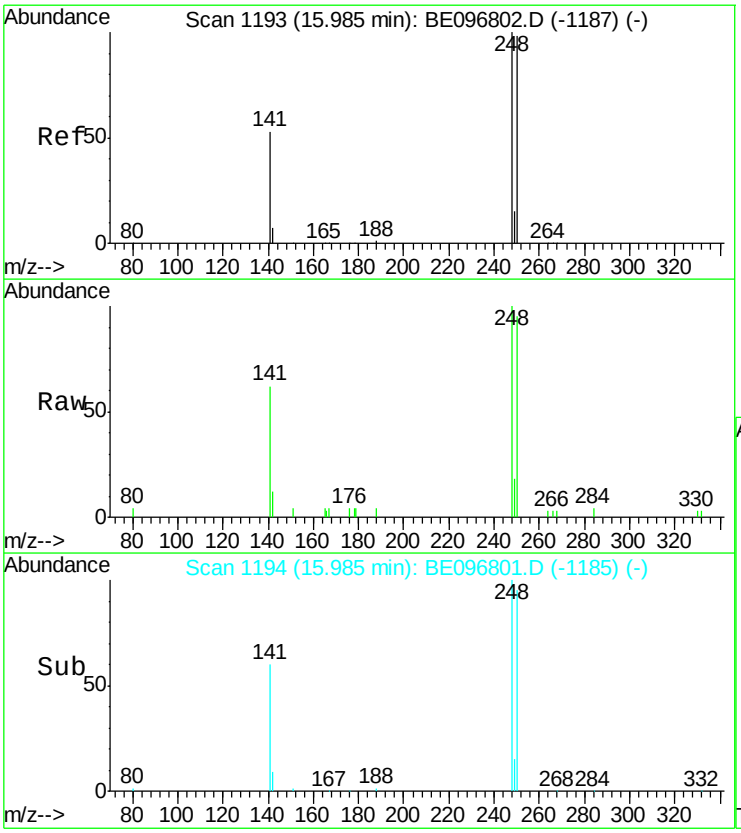
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.78 min Scan# 1262
Delta R.T. -0.00 min
Lab File: BE096801.D
Acq: 18 Jun 2018 10:12

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:188 Resp: 19645

Ion	Ratio	Lower	Upper
188	100		
94	0.0	3.9	5.9#
80	8.7	3.6	5.4#

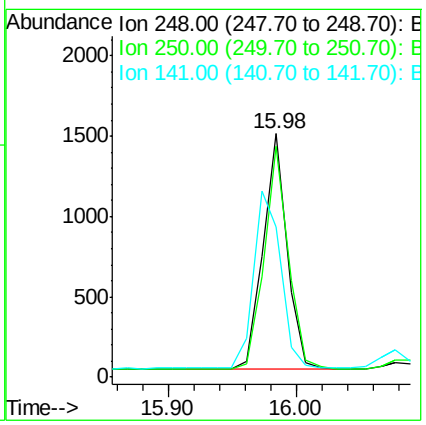


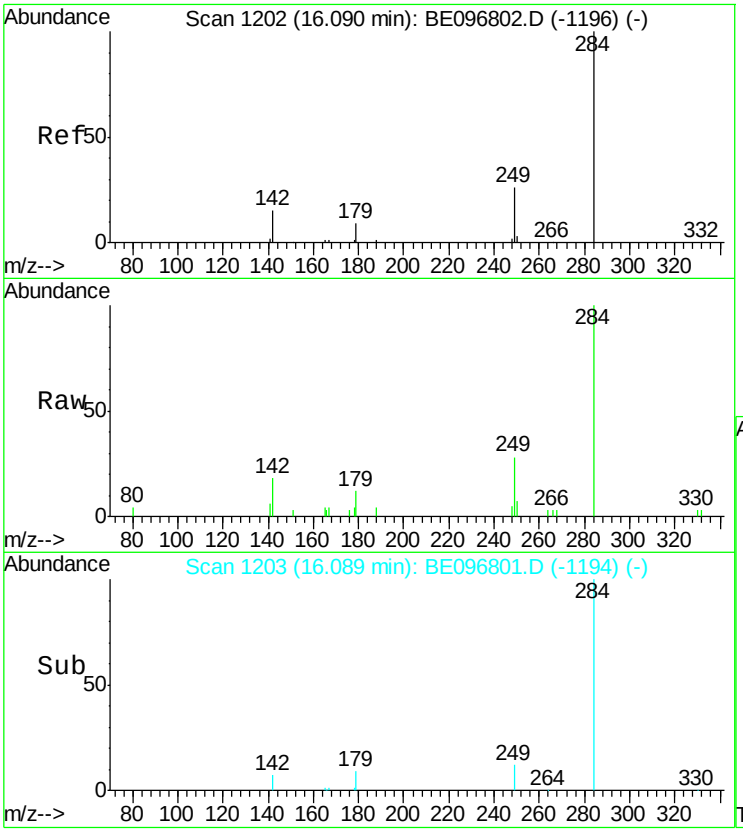


#20
4-Bromophenyl-phenylether
Concen: 0.198 ng
RT: 15.98 min Scan# 1194
Delta R.T. -0.00 min
Lab File: BE096801.D
Acq: 18 Jun 2018 10:12

Tgt Ion:248 Resp: 1926

Ion	Ratio	Lower	Upper
248	100		
250	95.1	62.7	94.1#
141	61.6	48.2	72.2



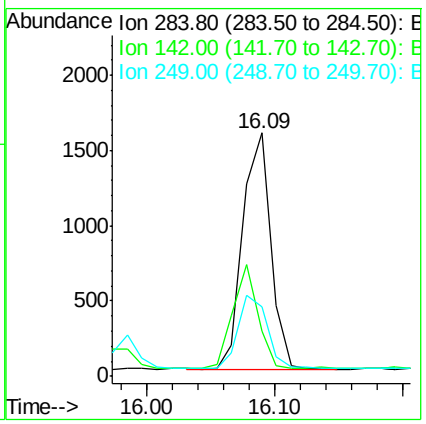


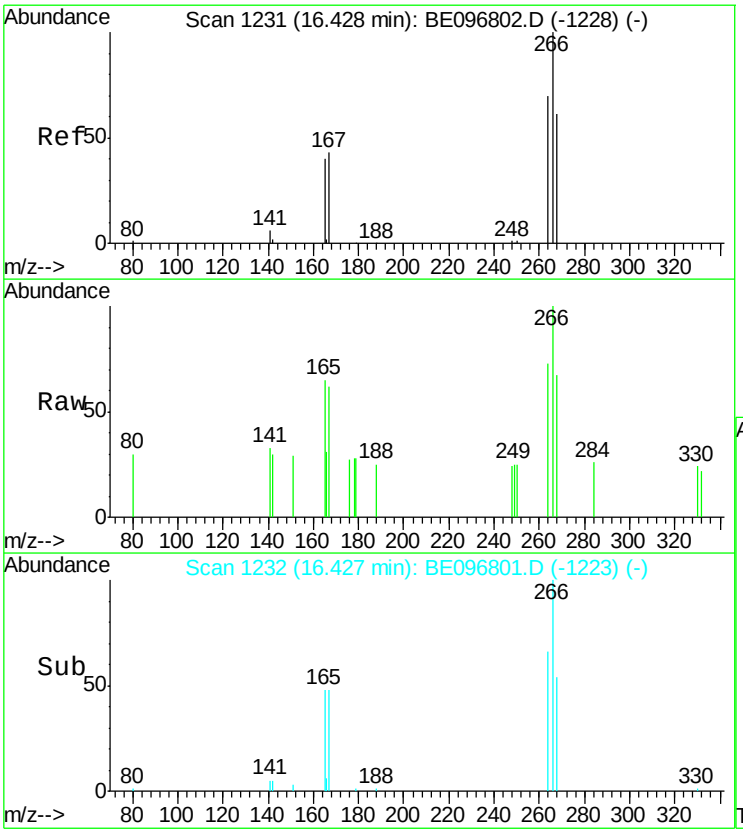
#21
Hexachlorobenzene
Concen: 0.218 ng
RT: 16.09 min Scan# 1203
Delta R.T. -0.00 min
Lab File: BE096801.D
Acq: 18 Jun 2018 10:12

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:284 Resp: 2392

Ion	Ratio	Lower	Upper
284	100		
142	39.0	22.1	33.1#
249	31.6	34.8	52.2#

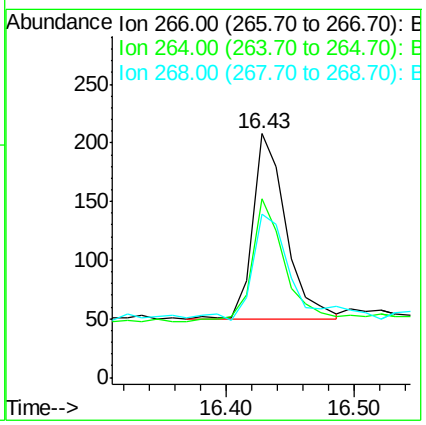


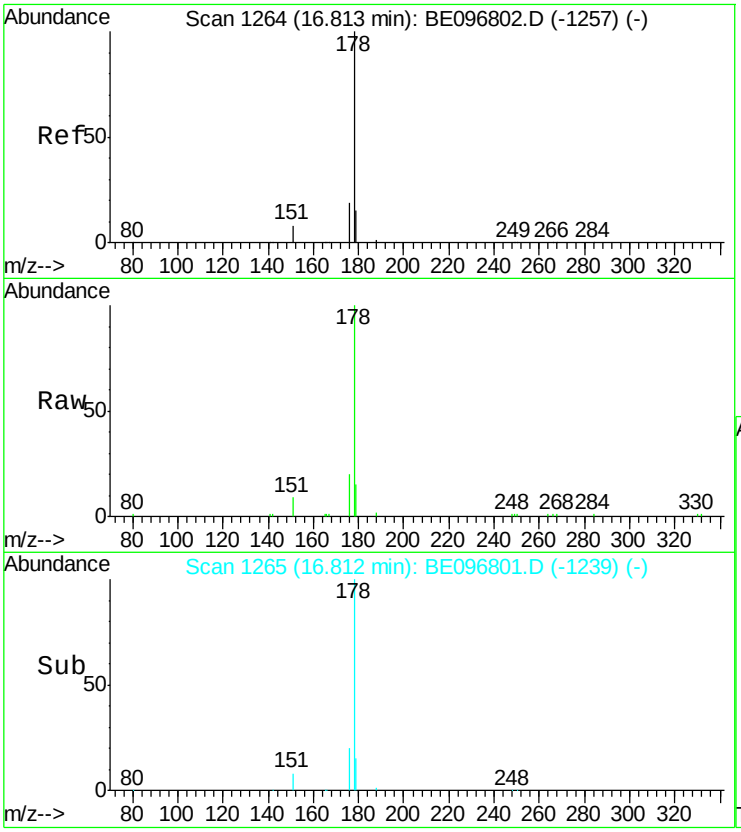


#22
Pentachlorophenol
Concen: 0.111 ng
RT: 16.43 min Scan# 1232
Delta R.T. -0.00 min
Lab File: BE096801.D
Acq: 18 Jun 2018 10:12

Tgt Ion:266 Resp: 285

Ion	Ratio	Lower	Upper
266	100		
264	73.1	72.5	108.7
268	66.8	73.8	110.6#



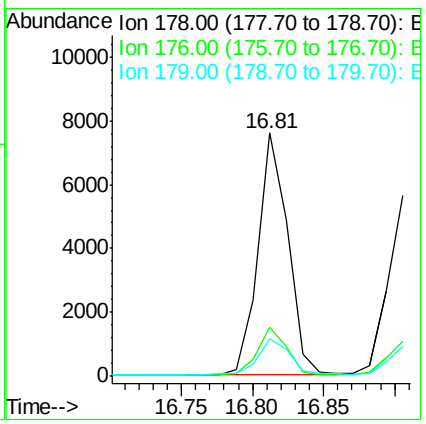


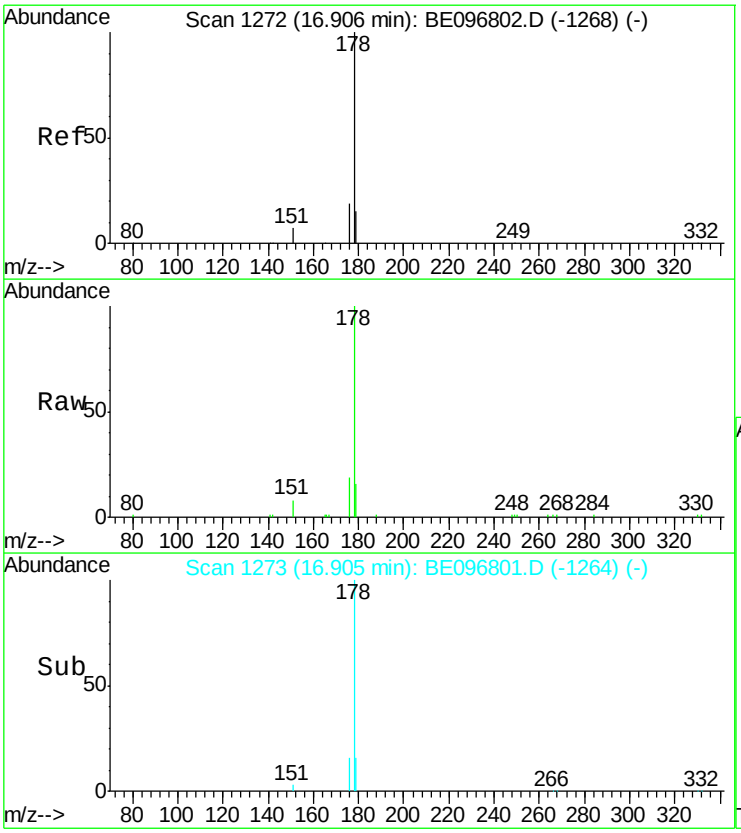
#23
Phenanthrene
Concen: 0.205 ng
RT: 16.81 min Scan# 1265
Delta R.T. -0.00 min
Lab File: BE096801.D
Acq: 18 Jun 2018 10:12

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:178 Resp: 10928

Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.1	22.7
179	15.4	11.8	17.6

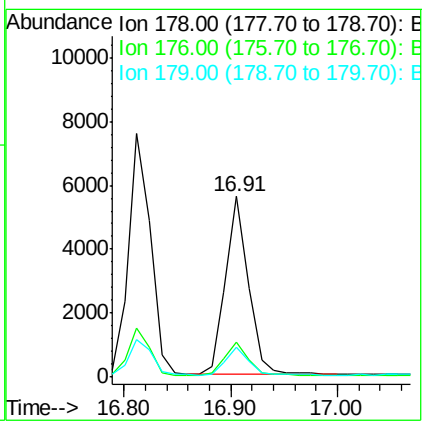


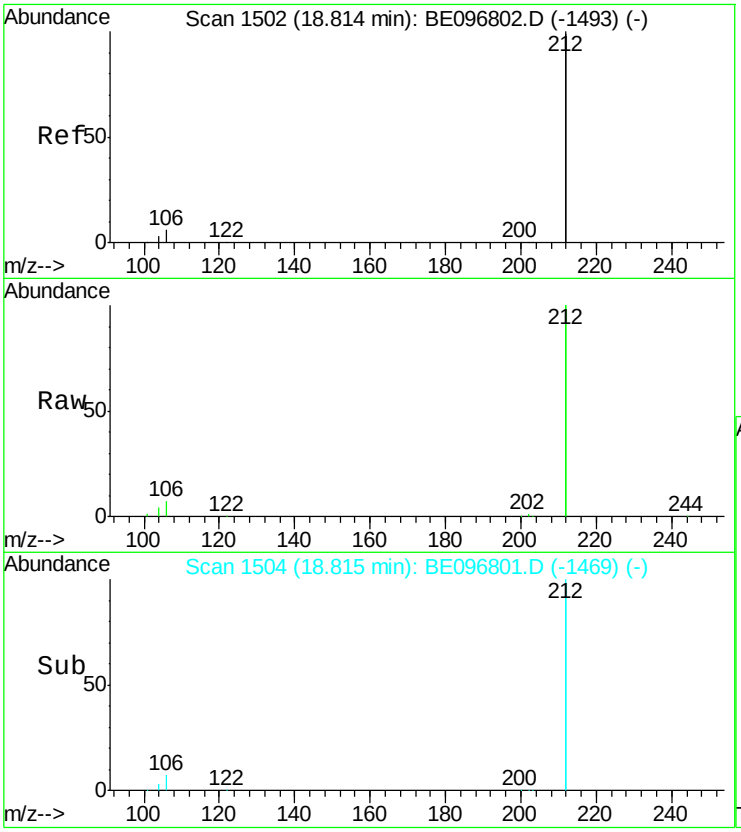


#24
Anthracene
Concen: 0.181 ng
RT: 16.91 min Scan# 1273
Delta R.T. -0.00 min
Lab File: BE096801.D
Acq: 18 Jun 2018 10:12

Tgt Ion:178 Resp: 8226

Ion	Ratio	Lower	Upper
178	100		
176	18.8	12.8	19.2
179	15.7	13.0	19.6



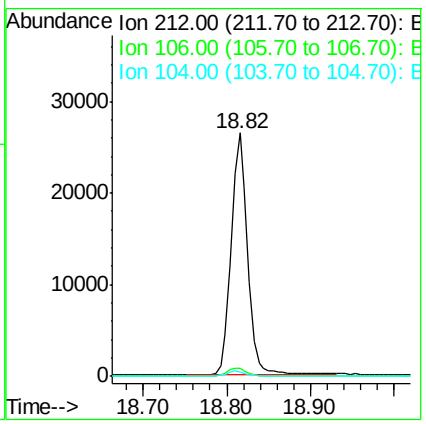


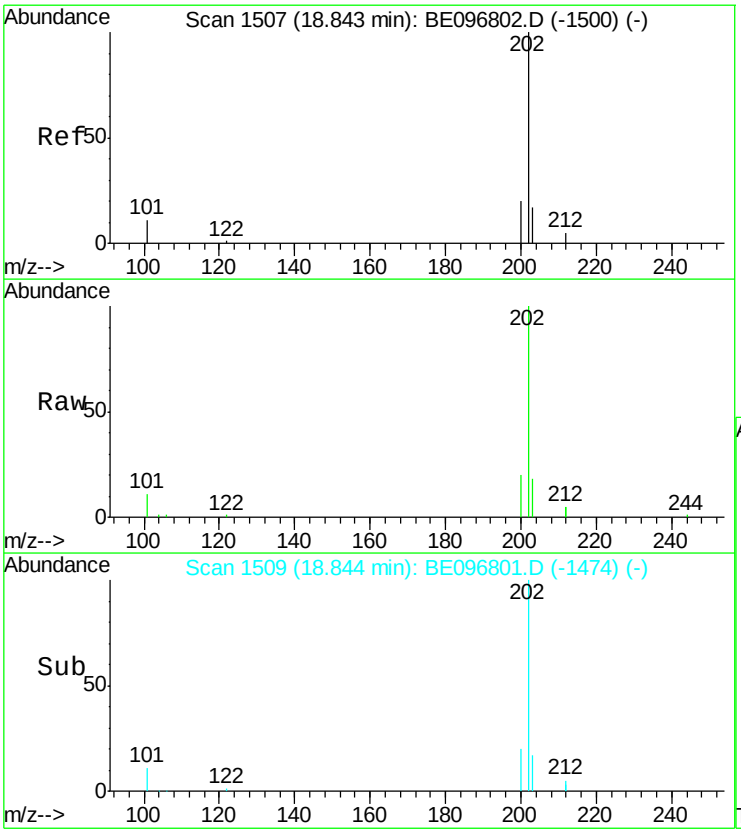
#25
Fluoranthene-d10
Concen: 0.178 ng
RT: 18.82 min Scan# 1504
Delta R.T. 0.00 min
Lab File: BE096801.D
Acq: 18 Jun 2018 10:12

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:212 Resp: 35856

Ion	Ratio	Lower	Upper
212	100		
106	3.6	2.8	4.2
104	2.0	1.6	2.4

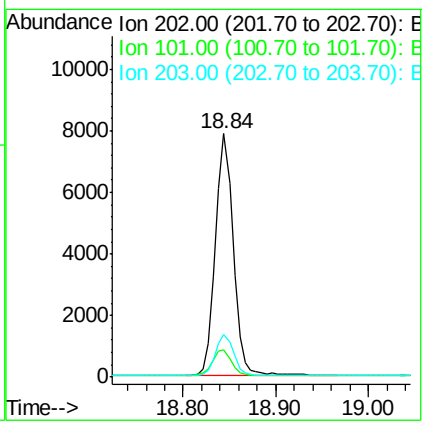


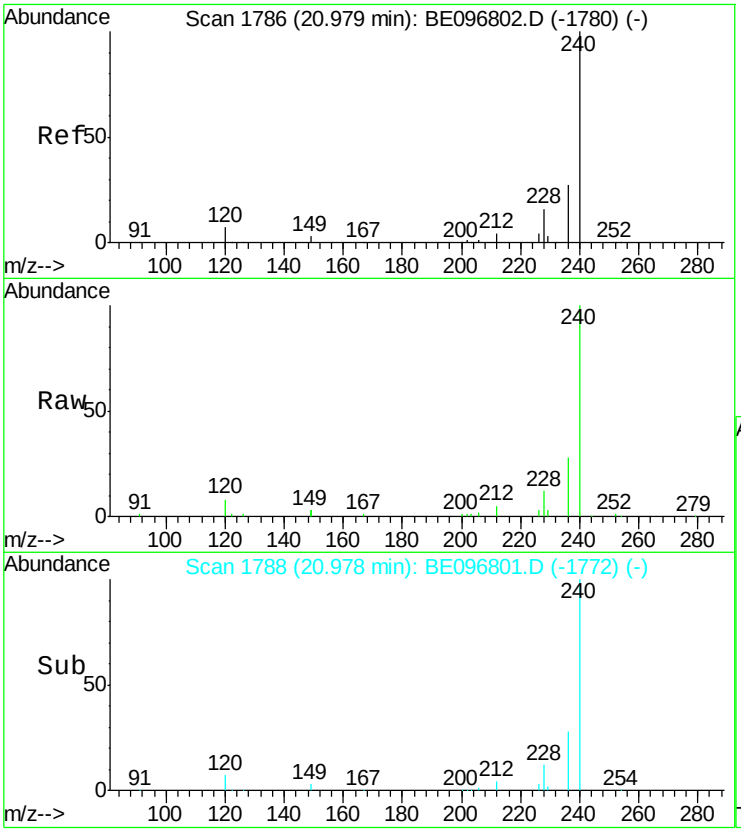


#26
Fluoranthene
Concen: 0.178 ng
RT: 18.84 min Scan# 1509
Delta R.T. 0.00 min
Lab File: BE096801.D
Acq: 18 Jun 2018 10:12

Tgt Ion:202 Resp: 10436

Ion	Ratio	Lower	Upper
202	100		
101	10.8	9.8	14.8
203	16.9	13.7	20.5



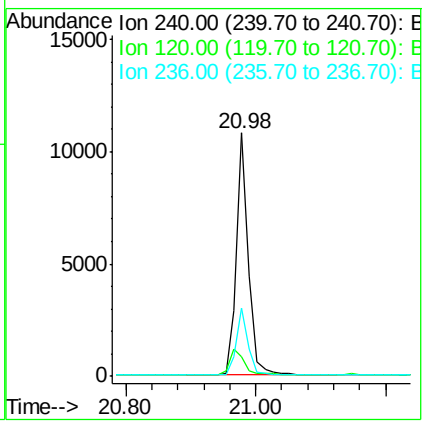


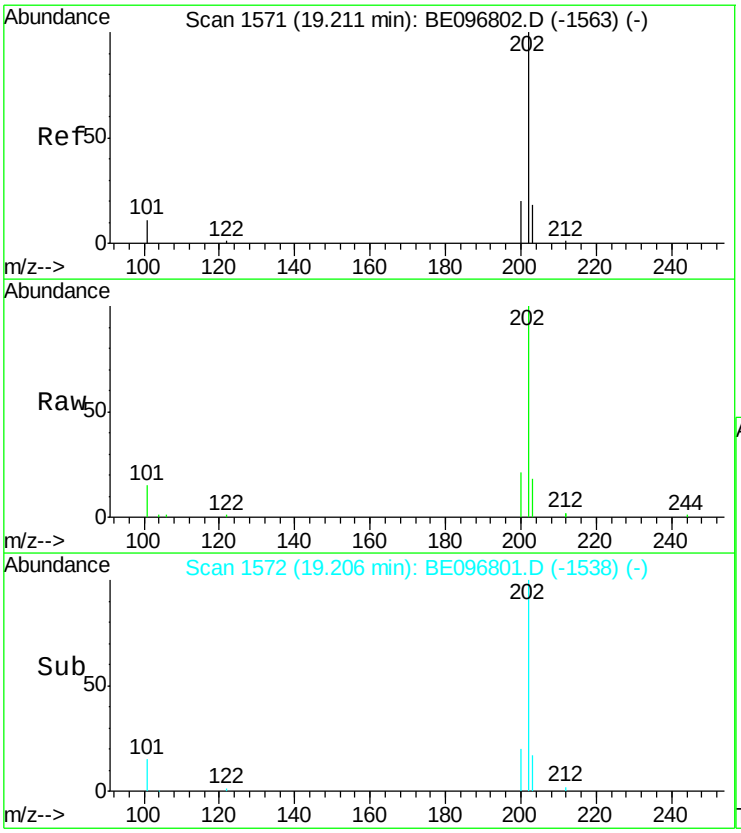
#27
Chrysene-d12
Concen: 0.400 ng
RT: 20.98 min Scan# 1788
Delta R.T. -0.00 min
Lab File: BE096801.D
Acq: 18 Jun 2018 10:12

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:240 Resp: 14225

Ion	Ratio	Lower	Upper
240	100		
120	8.2	5.5	8.3
236	27.9	20.7	31.1

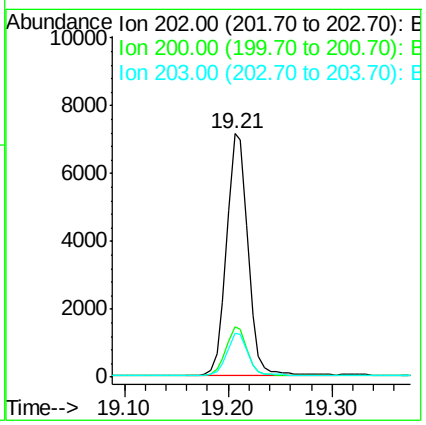


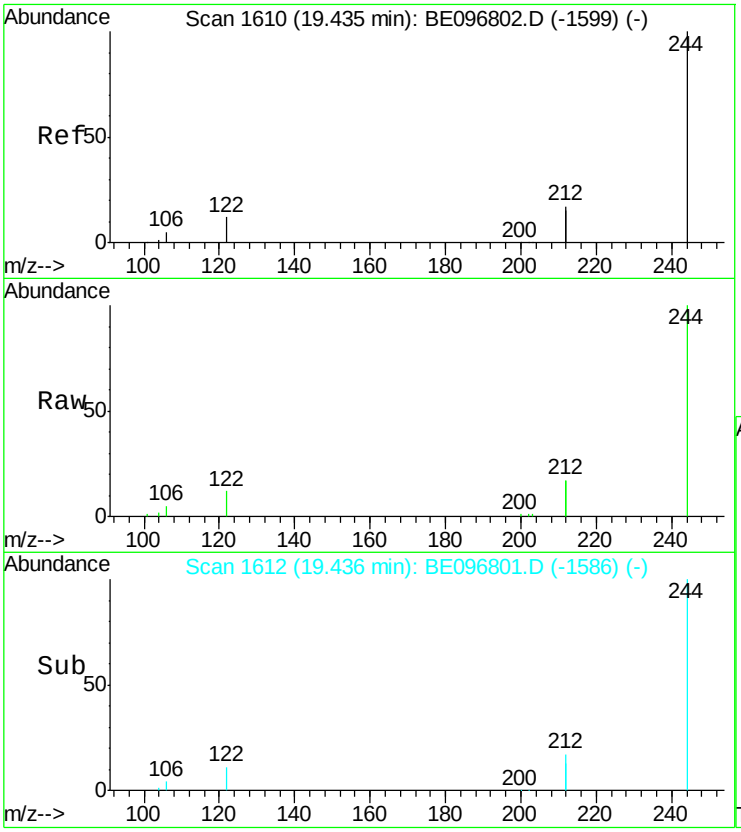


#28
Pyrene
Concen: 0.222 ng
RT: 19.21 min Scan# 1572
Delta R.T. -0.00 min
Lab File: BE096801.D
Acq: 18 Jun 2018 10:12

Tgt Ion:202 Resp: 10159

Ion	Ratio	Lower	Upper
202	100		
200	20.0	16.6	25.0
203	17.2	13.8	20.8



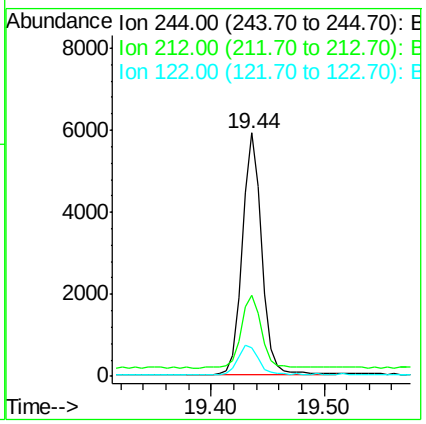


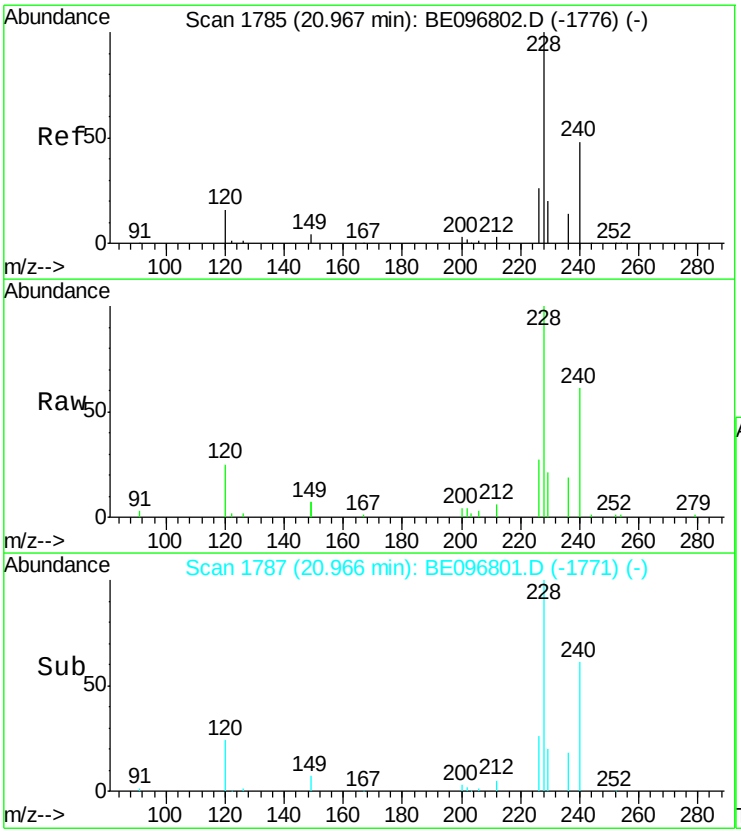
#29
Terphenyl-d14
Concen: 0.225 ng
RT: 19.44 min Scan# 1612
Delta R.T. 0.00 min
Lab File: BE096801.D
Acq: 18 Jun 2018 10:12

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:244 Resp: 7051

Ion	Ratio	Lower	Upper
244	100		
212	33.5	25.4	38.0
122	11.8	8.1	12.1

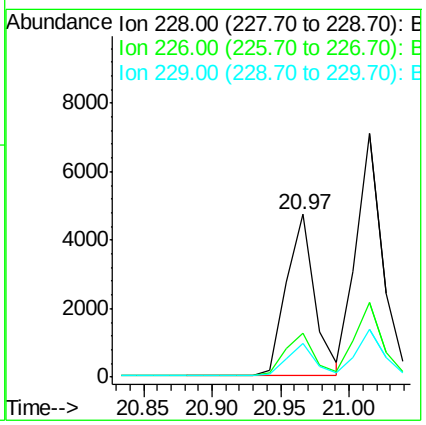


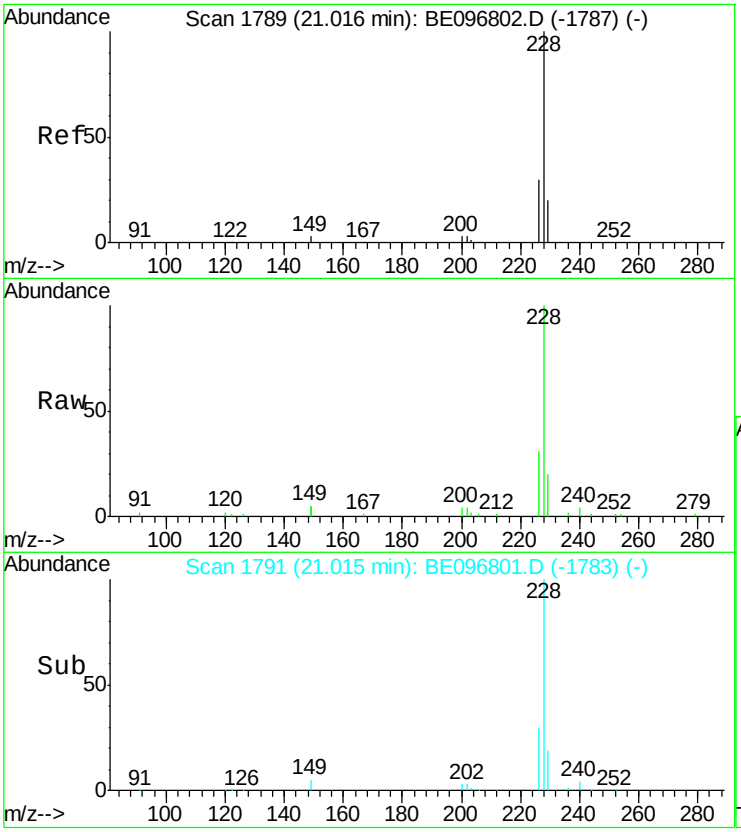


#30
Benzo(a)anthracene
Concen: 0.179 ng
RT: 20.97 min Scan# 1787
Delta R.T. -0.00 min
Lab File: BE096801.D
Acq: 18 Jun 2018 10:12

Tgt Ion:228 Resp: 6727

Ion	Ratio	Lower	Upper
228	100		
226	27.0	24.0	36.0
229	20.8	16.0	24.0



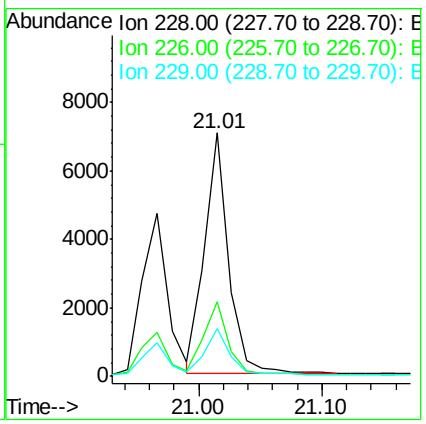


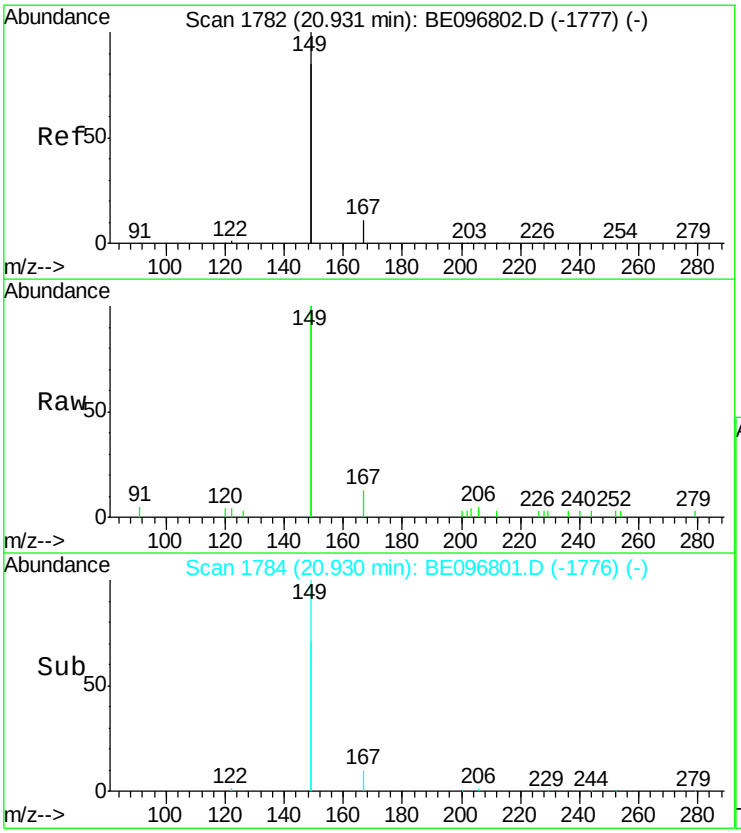
#31
Chrysene
Concen: 0.218 ng
RT: 21.01 min Scan# 1791
Delta R.T. -0.00 min
Lab File: BE096801.D
Acq: 18 Jun 2018 10:12

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:228 Resp: 9461

Ion	Ratio	Lower	Upper
228	100		
226	30.6	24.0	36.0
229	19.8	16.0	24.0

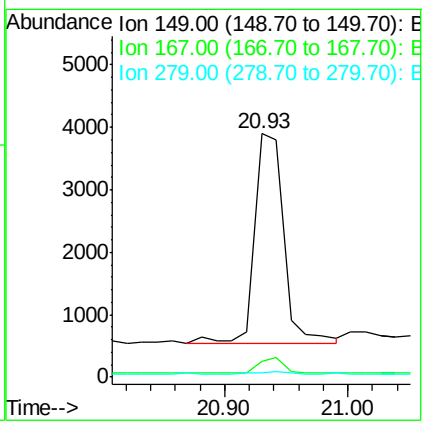


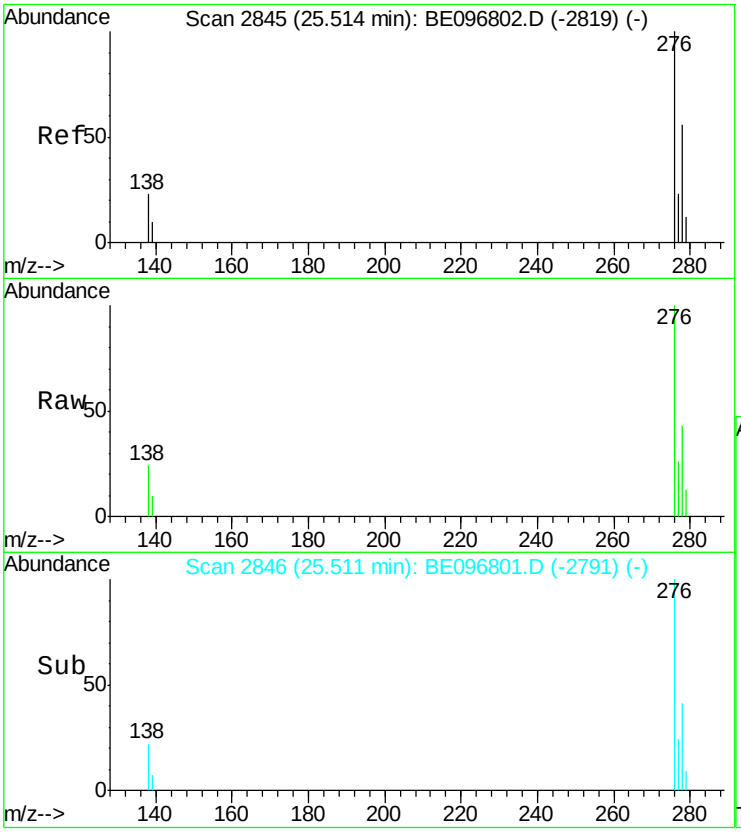


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.155 ng
RT: 20.93 min Scan# 1784
Delta R.T. -0.00 min
Lab File: BE096801.D
Acq: 18 Jun 2018 10:12

Tgt Ion:149 Resp: 5551

Ion	Ratio	Lower	Upper
149	100		
167	7.1	5.4	8.0
279	1.0	0.7	1.1



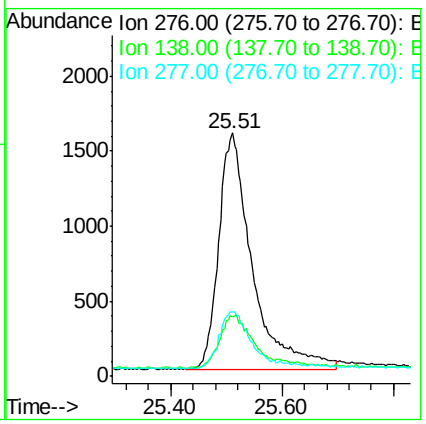


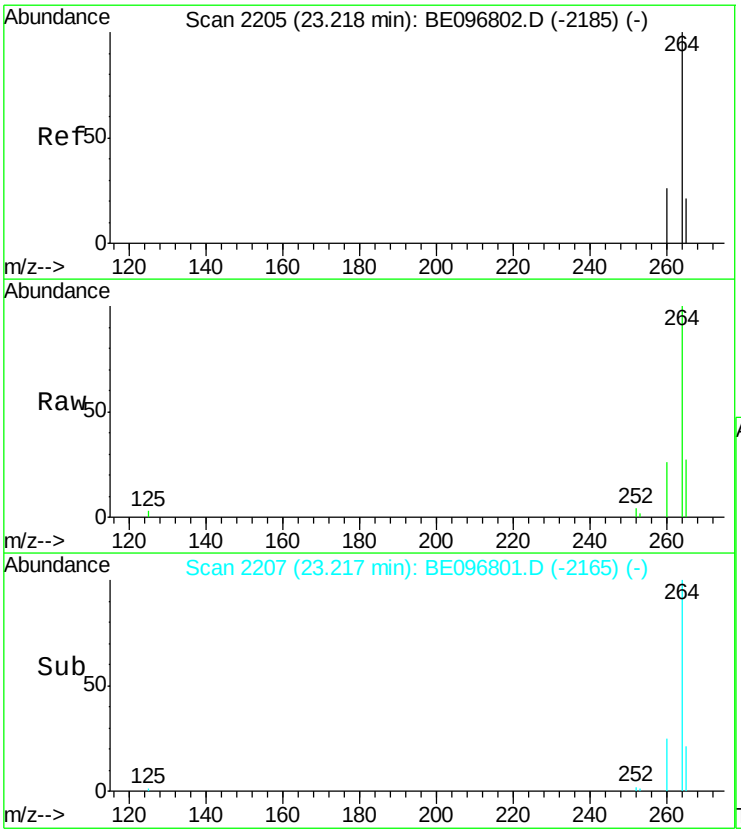
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.175 ng
RT: 25.51 min Scan# 2846
Delta R.T. -0.00 min
Lab File: BE096801.D
Acq: 18 Jun 2018 10:12

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:276 Resp: 6561

Ion	Ratio	Lower	Upper
276	100		
138	21.5	22.5	33.7#
277	22.5	19.9	29.9

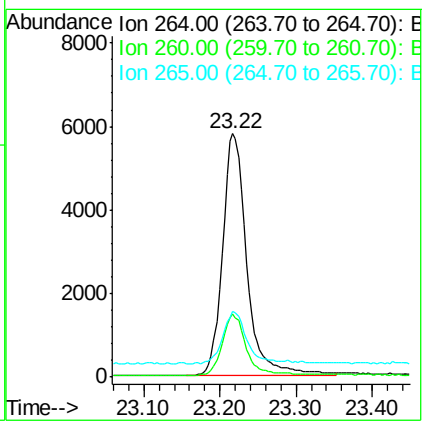


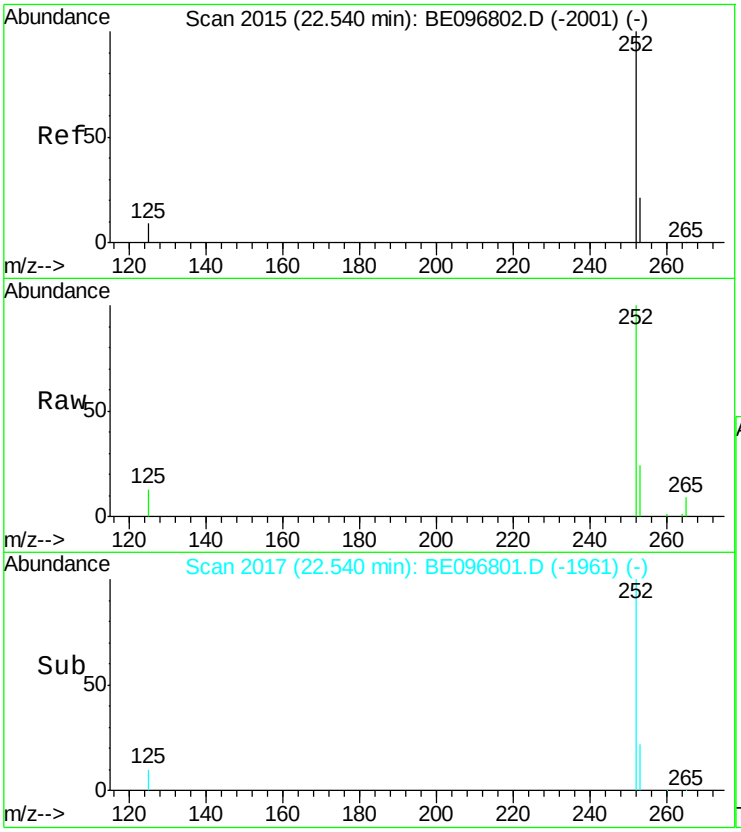


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.22 min Scan# 2207
Delta R.T. -0.00 min
Lab File: BE096801.D
Acq: 18 Jun 2018 10:12

Tgt Ion:264 Resp: 12748

Ion	Ratio	Lower	Upper
264	100		
260	26.0	20.5	30.7
265	26.8	22.8	34.2



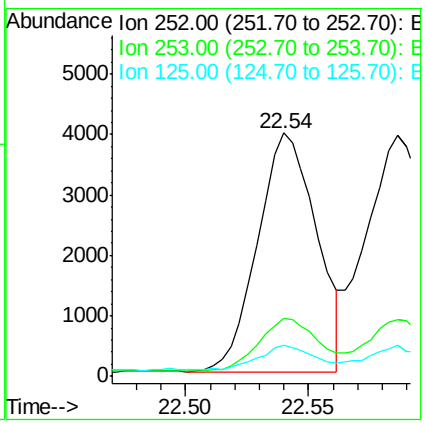


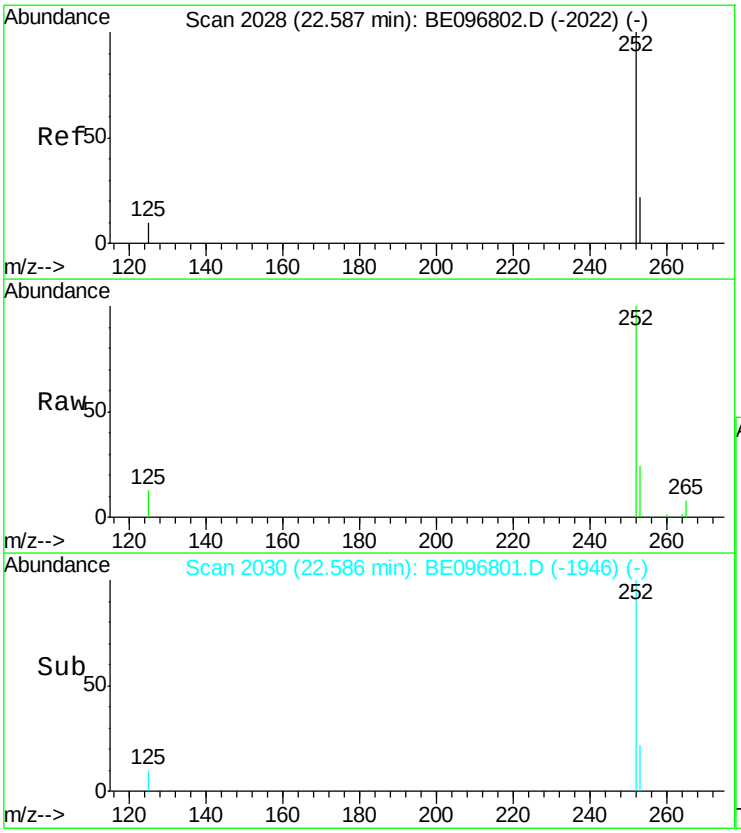
#35
Benzo(b)fluoranthene
Concen: 0.181 ng
RT: 22.54 min Scan# 2017
Delta R.T. -0.00 min
Lab File: BE096801.D
Acq: 18 Jun 2018 10:12

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:252 Resp: 6556

Ion	Ratio	Lower	Upper
252	100		
253	24.0	20.0	30.0
125	13.0	16.0	24.0#

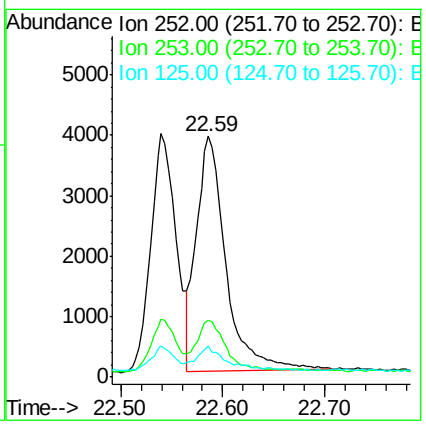


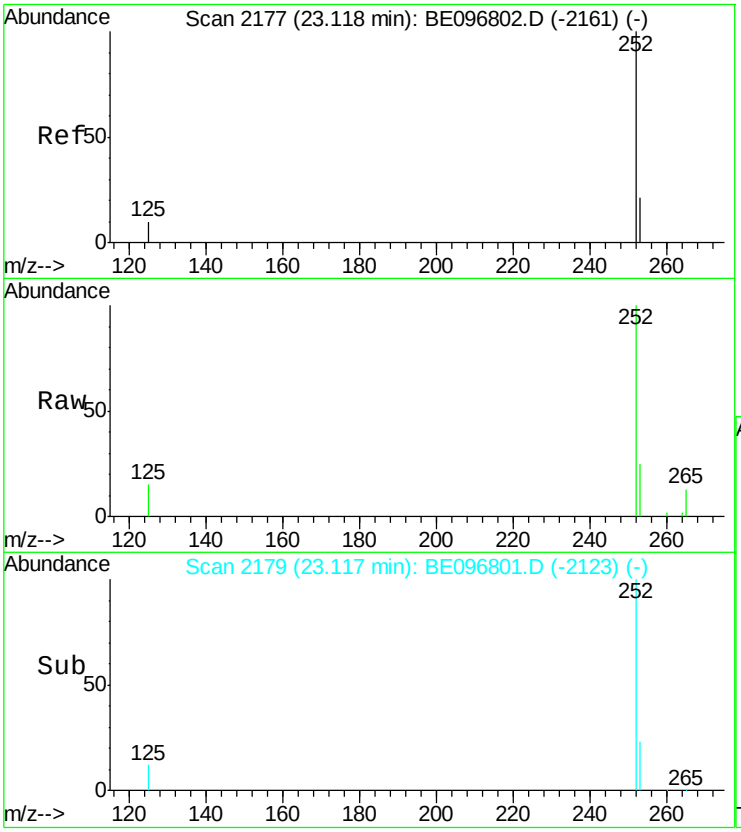


#36
Benzo(k)fluoranthene
Concen: 0.187 ng
RT: 22.59 min Scan# 2030
Delta R.T. -0.00 min
Lab File: BE096801.D
Acq: 18 Jun 2018 10:12

Tgt Ion:252 Resp: 7725

Ion	Ratio	Lower	Upper
252	100		
253	23.6	16.0	24.0
125	12.8	8.0	12.0#



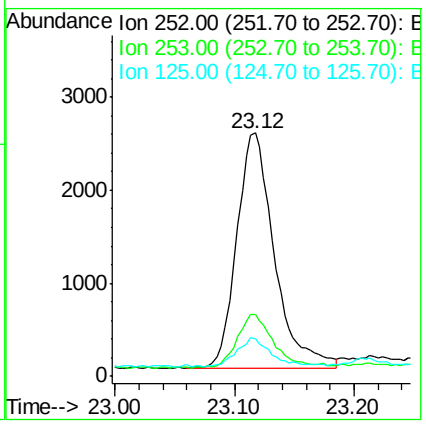


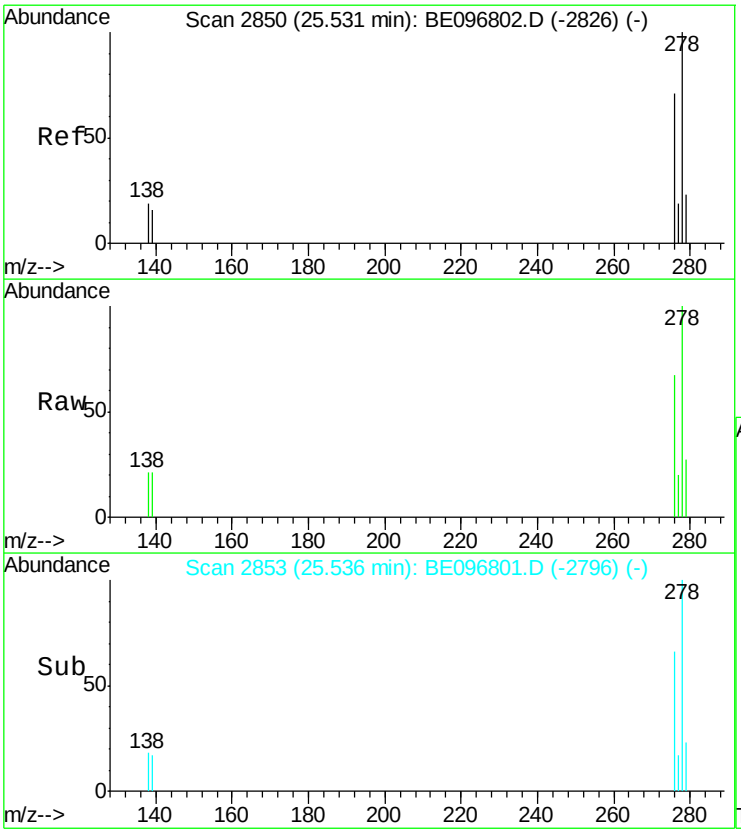
#37
Benzo(a)pyrene
Concen: 0.171 ng
RT: 23.12 min Scan# 2179
Delta R.T. -0.00 min
Lab File: BE096801.D
Acq: 18 Jun 2018 10:12

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:252 Resp: 5546

Ion	Ratio	Lower	Upper
252	100		
253	25.5	16.0	24.0#
125	15.4	12.0	18.0

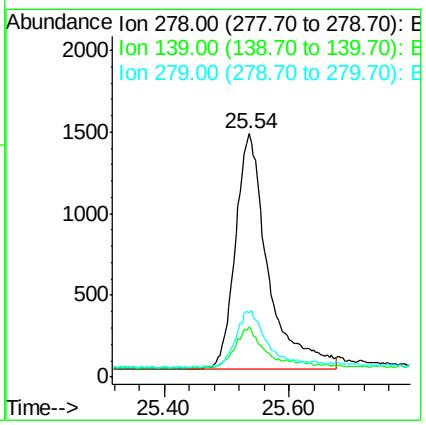


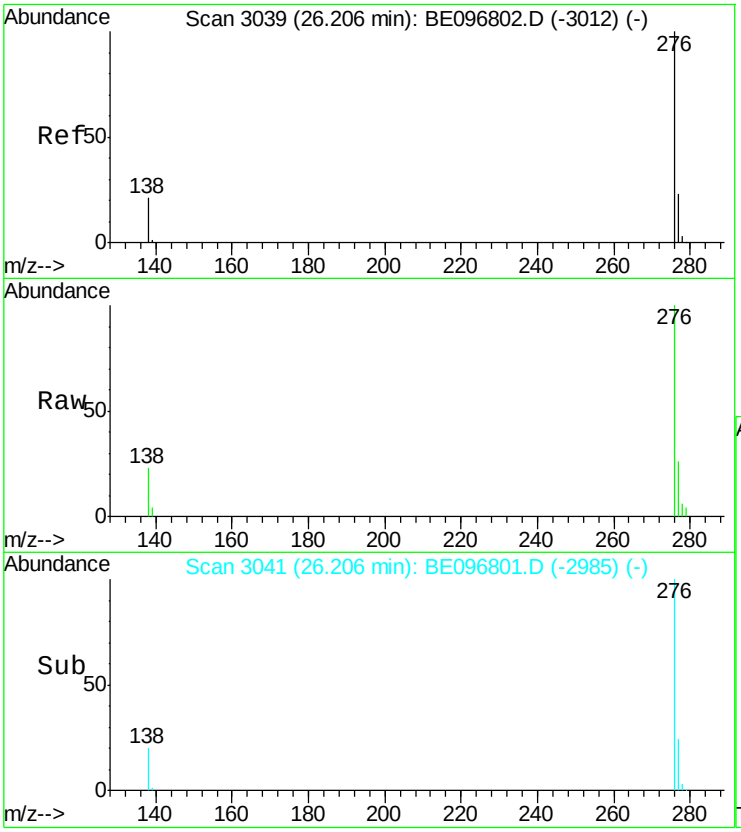


#38
Dibenzo(a,h)anthracene
Concen: 0.164 ng
RT: 25.54 min Scan# 2853
Delta R.T. 0.00 min
Lab File: BE096801.D
Acq: 18 Jun 2018 10:12

Tgt Ion:278 Resp: 5242

Ion	Ratio	Lower	Upper
278	100		
139	20.6	16.0	24.0
279	26.6	20.0	30.0





#39
Benzo(g,h,i)perylene
Concen: 0.184 ng
RT: 26.21 min Scan# 3041
Delta R.T. 0.00 min
Lab File: BE096801.D
Acq: 18 Jun 2018 10:12

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:276 Resp: 6219

Ion	Ratio	Lower	Upper
276	100		
277	26.2	16.0	24.0#
138	22.8	20.0	30.0