Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE061818\
Data File : BE096800.D
Acq On : 18 Jun 2018 9:36
Operator : SJ/JU
Sample : SSTDICC0.1
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : SSTDICC0.1

Quant Time: Jun 18 11:40:18 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

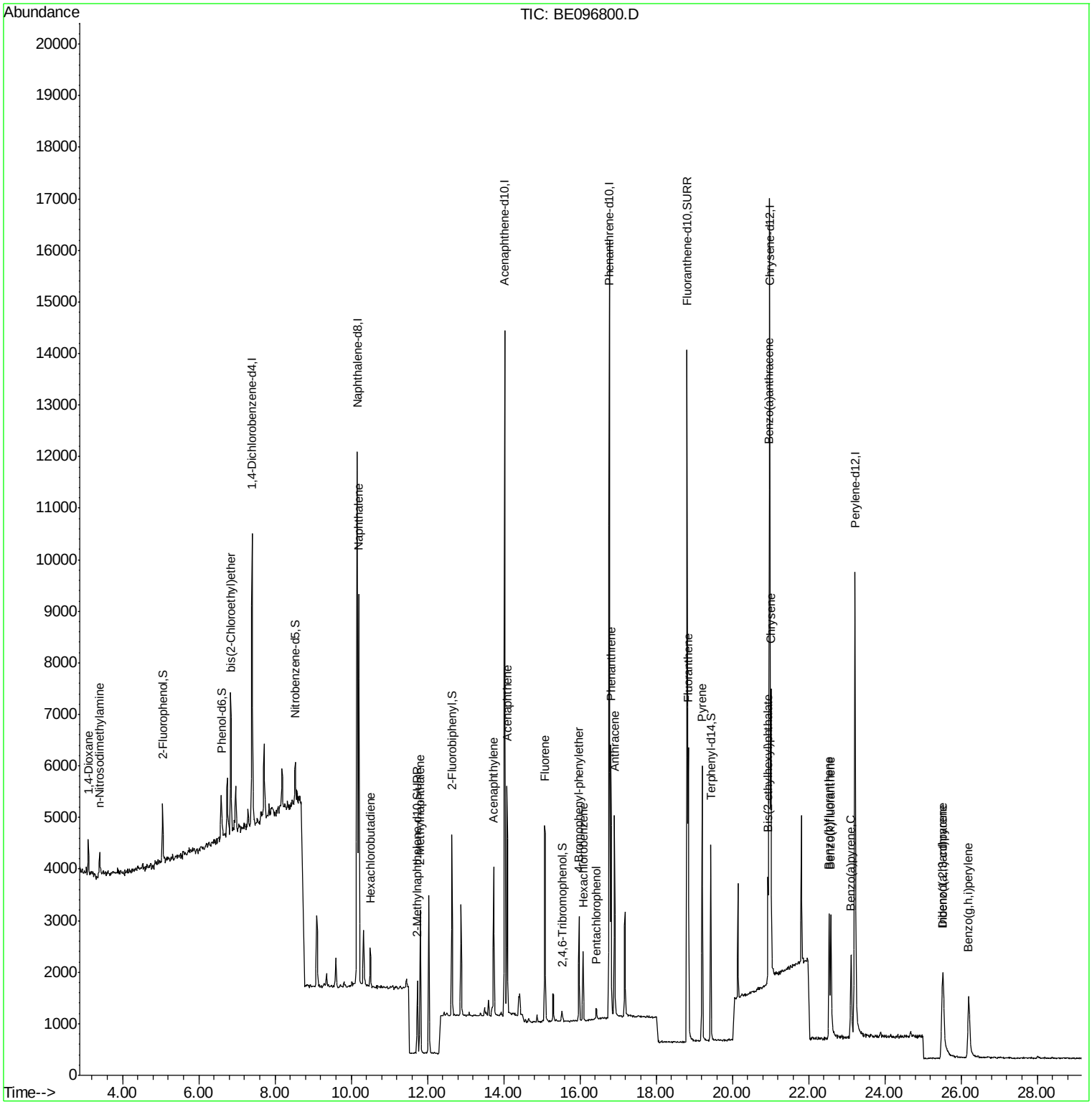
Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.40	152	2550	0.40	ng		0.00
7) Naphthalene-d8	10.16	136	12395	0.40	ng		0.00
13) Acenaphthene-d10	14.03	164	6937	0.40	ng		0.00
19) Phenanthrene-d10	16.78	188	19697	0.40	ng		0.00
27) Chrysene-d12	20.98	240	13972	0.40	ng		0.00
34) Perylene-d12	23.22	264	12853	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.05	112	569	0.08	ng		0.00
5) Phenol-d6	6.60	99	805	0.08	ng		0.00
8) Nitrobenzene-d5	8.53	82	695	0.08	ng		0.00
11) 2-Methylnaphthalene-d10	11.74	152	1983	0.10	ng		0.00
14) 2,4,6-Tribromophenol	15.53	330	132	0.06	ng		0.01
15) 2-Fluorobiphenyl	12.64	172	2933	0.11	ng		0.00
25) Fluoranthene-d10	18.82	212	17224	0.09	ng		0.00
29) Terphenyl-d14	19.44	244	3327	0.11	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.10	88	446	0.108	ng	#	89
3) n-Nitrosodimethylamine	3.40	42	361	0.078	ng	#	91
6) bis(2-Chloroethyl)ether	6.85	93	959	0.095	ng		99
9) Naphthalene	10.20	128	12432	0.102	ng		99
10) Hexachlorobutadiene	10.50	225	516	0.103	ng		99
12) 2-Methylnaphthalene	11.82	142	2016	0.096	ng		98
16) Acenaphthylene	13.74	152	3125	0.093	ng		99
17) Acenaphthene	14.08	154	2190	0.099	ng		93
18) Fluorene	15.07	166	2528	0.095	ng	#	79
20) 4-Bromophenyl-phenylether	15.98	248	885	0.091	ng	#	81
21) Hexachlorobenzene	16.09	284	1136	0.103	ng	#	81
22) Pentachlorophenol	16.44	266	175	0.068	ng	#	83
23) Phenanthrene	16.81	178	5359	0.100	ng		97
24) Anthracene	16.90	178	3983	0.087	ng		97
26) Fluoranthene	18.84	202	4872	0.083	ng		98
28) Pyrene	19.21	202	4925	0.110	ng		98
30) Benzo(a)anthracene	20.97	228	3198	0.087	ng		95
31) Chrysene	21.02	228	4468	0.105	ng		98
32) Bis(2-ethylhexyl)phthalate	20.93	149	2854	0.081	ng	#	99
33) Indeno(1,2,3-cd)pyrene	25.51	276	3045	0.083	ng		93
35) Benzo(b)fluoranthene	22.54	252	3181	0.087	ng	#	95
36) Benzo(k)fluoranthene	22.58	252	3698	0.089	ng	#	90
37) Benzo(a)pyrene	23.11	252	2700	0.082	ng	#	86
38) Dibenzo(a,h)anthracene	25.53	278	2242	0.070	ng	#	91
39) Benzo(g,h,i)perylene	26.20	276	2918	0.086	ng	#	93

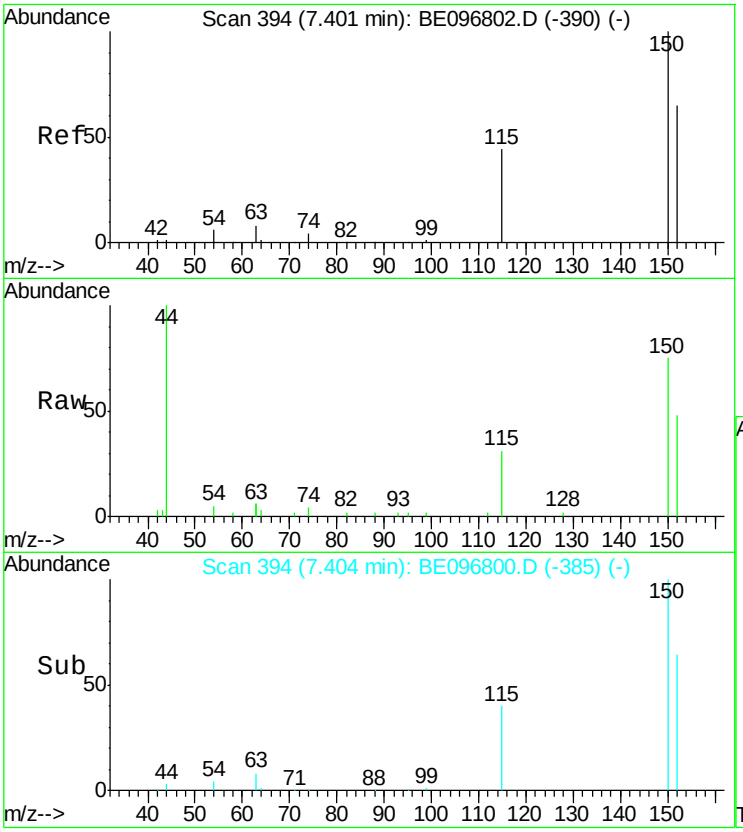
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE061818\
Data File : BE096800.D
Acq On : 18 Jun 2018 9:36
Operator : SJ/JU
Sample : SSTDICC0.1
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Quant Time: Jun 18 11:40:18 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



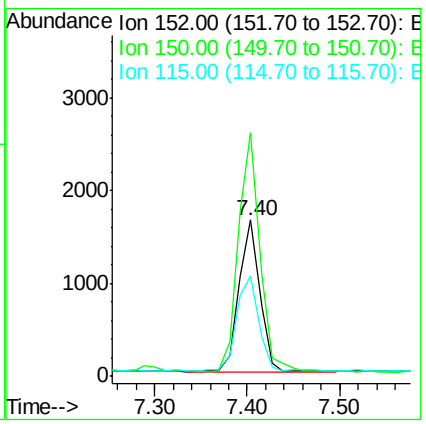


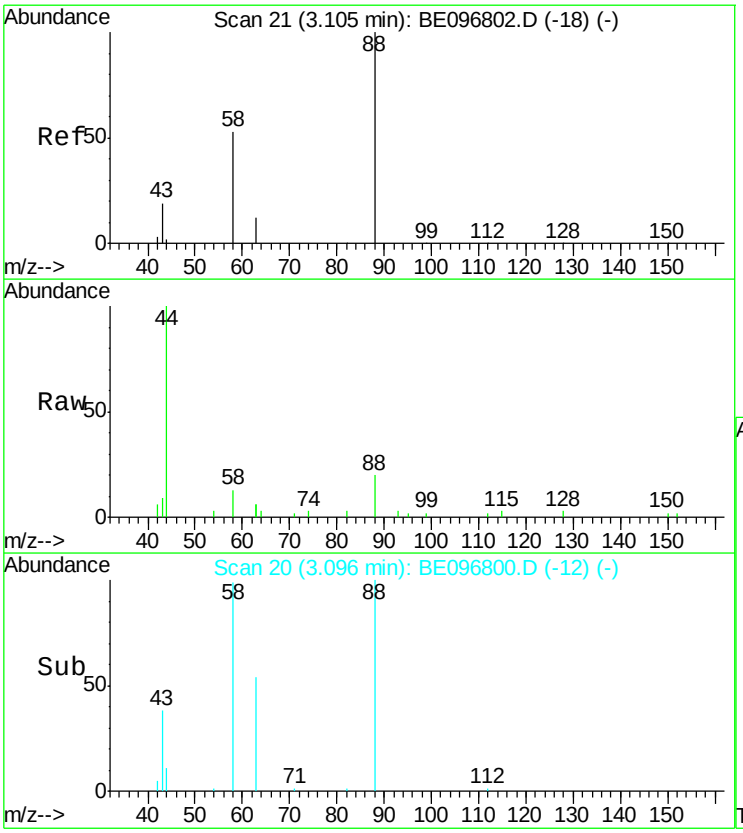
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.40 min Scan# 394
Delta R.T. 0.00 min
Lab File: BE096800.D
Acq: 18 Jun 2018 9:36

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Tgt Ion:152 Resp: 2550

Ion	Ratio	Lower	Upper
152	100		
150	156.0	117.2	175.8
115	64.3	57.0	85.6

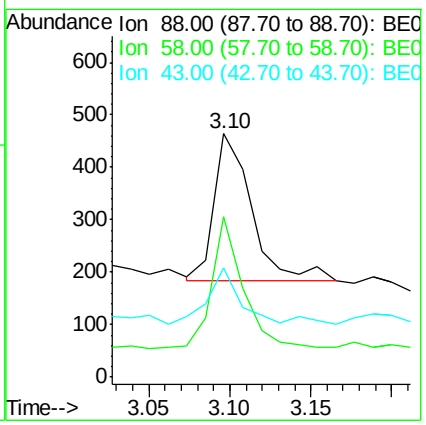


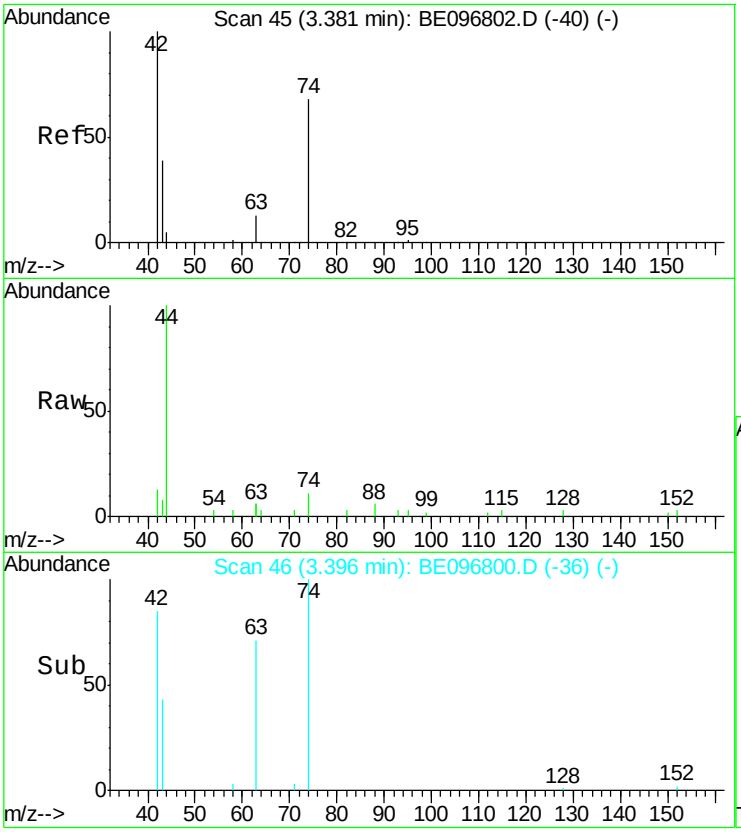


#2
1,4-Dioxane
Concen: 0.108 ng
RT: 3.10 min Scan# 20
Delta R.T. -0.01 min
Lab File: BE096800.D
Acq: 18 Jun 2018 9:36

Tgt Ion: 88 Resp: 446

Ion	Ratio	Lower	Upper
88	100		
58	74.9	63.2	94.8
43	36.5	41.2	61.8#



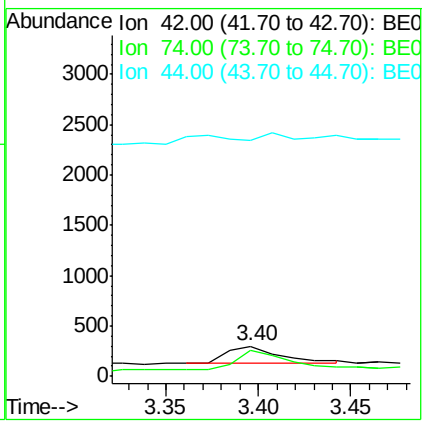


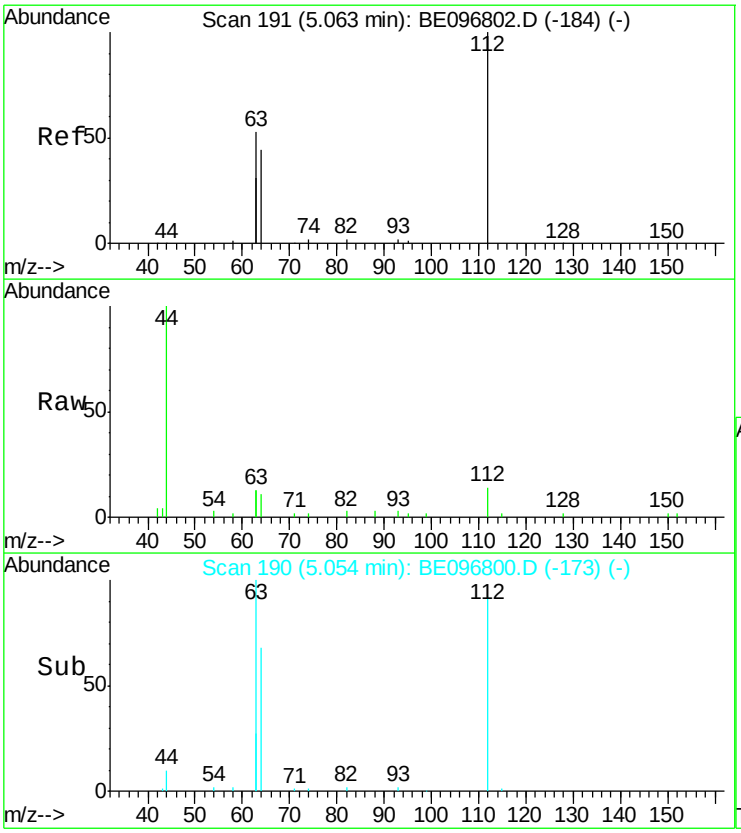
#3
n-Nitrosodimethylamine
Concen: 0.078 ng
RT: 3.40 min Scan# 46
Delta R.T. 0.01 min
Lab File: BE096800.D
Acq: 18 Jun 2018 9:36

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Tgt Ion: 42 Resp: 361

Ion	Ratio	Lower	Upper
42	100		
74	111.1	96.0	144.0
44	23.5	12.0	18.0#

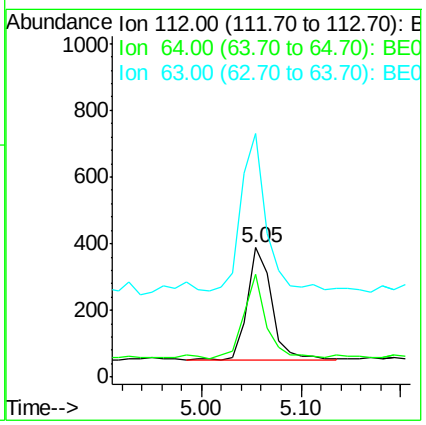


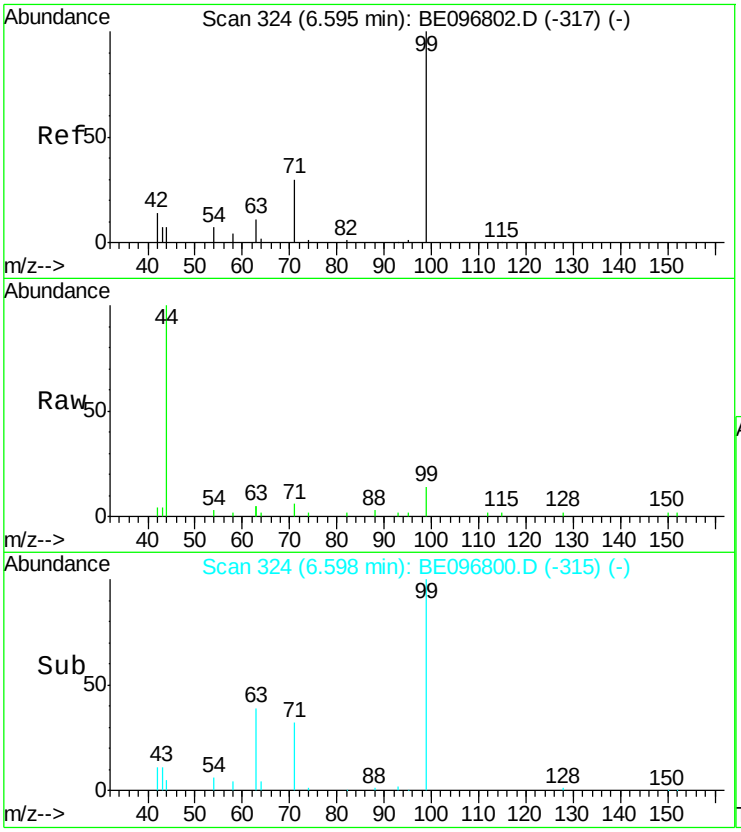


#4
2-Fluorophenol
Concen: 0.081 ng
RT: 5.05 min Scan# 190
Delta R.T. -0.01 min
Lab File: BE096800.D
Acq: 18 Jun 2018 9:36

Tgt Ion:112 Resp: 569

Ion	Ratio	Lower	Upper
112	100		
64	69.4	60.1	90.1
63	152.4	116.8	175.2



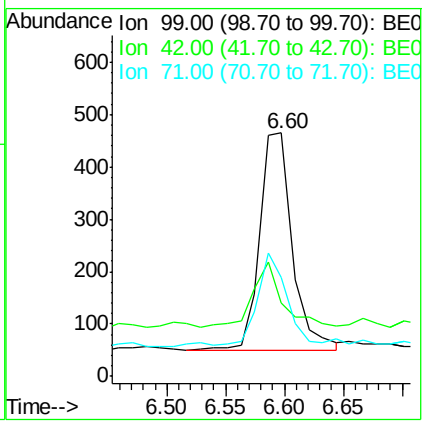


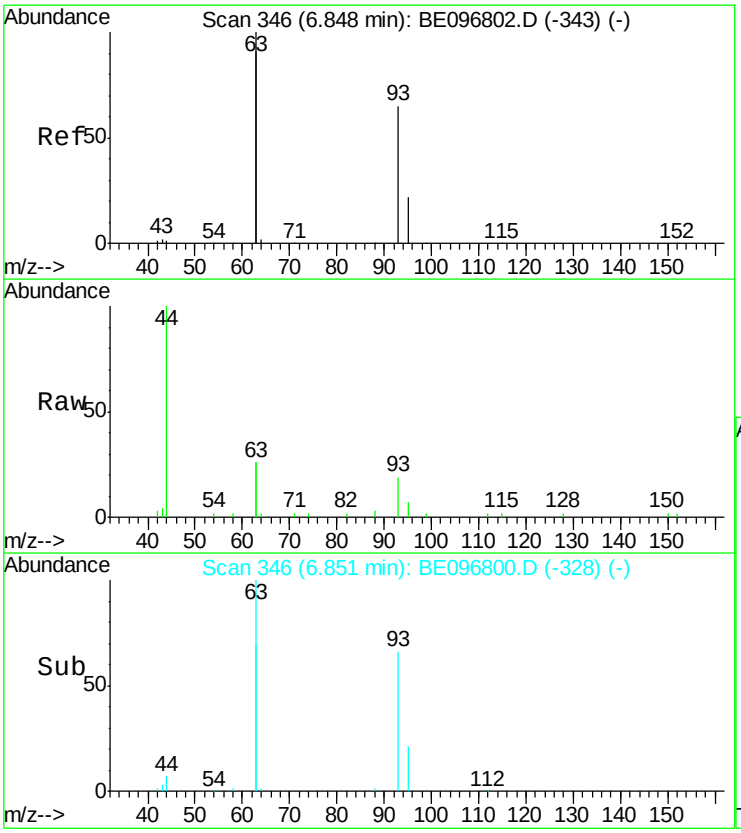
#5
Phenol-d6
Concen: 0.075 ng
RT: 6.60 min Scan# 324
Delta R.T. 0.00 min
Lab File: BE096800.D
Acq: 18 Jun 2018 9:36

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Tgt Ion: 99 Resp: 805

Ion	Ratio	Lower	Upper
99	100		
42	27.6	20.2	30.2
71	36.6	28.4	42.6

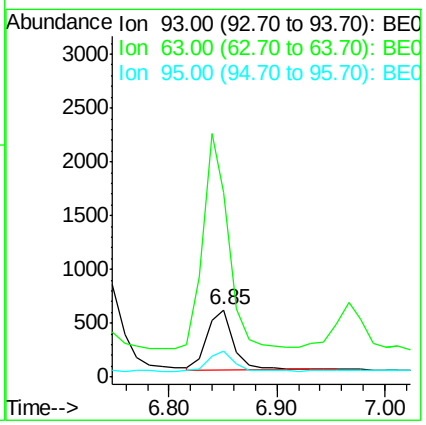


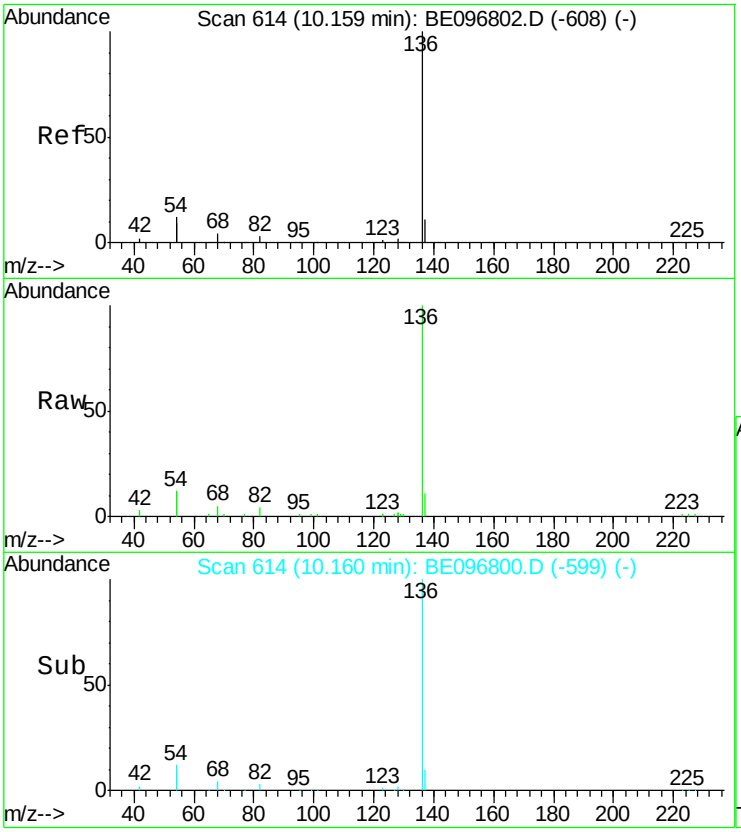


#6
bis(2-Chloroethyl)ether
Concen: 0.095 ng
RT: 6.85 min Scan# 346
Delta R.T. 0.00 min
Lab File: BE096800.D
Acq: 18 Jun 2018 9:36

Tgt Ion: 93 Resp: 959

Ion	Ratio	Lower	Upper
93	100		
63	341.7	275.3	412.9
95	32.7	25.2	37.8



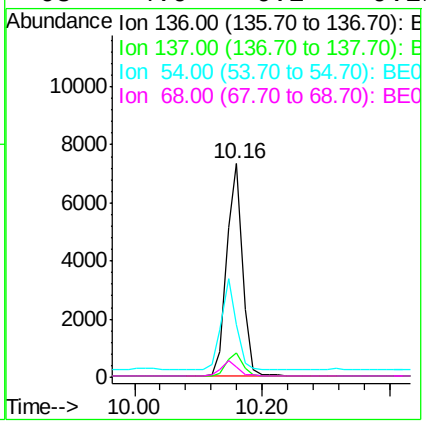


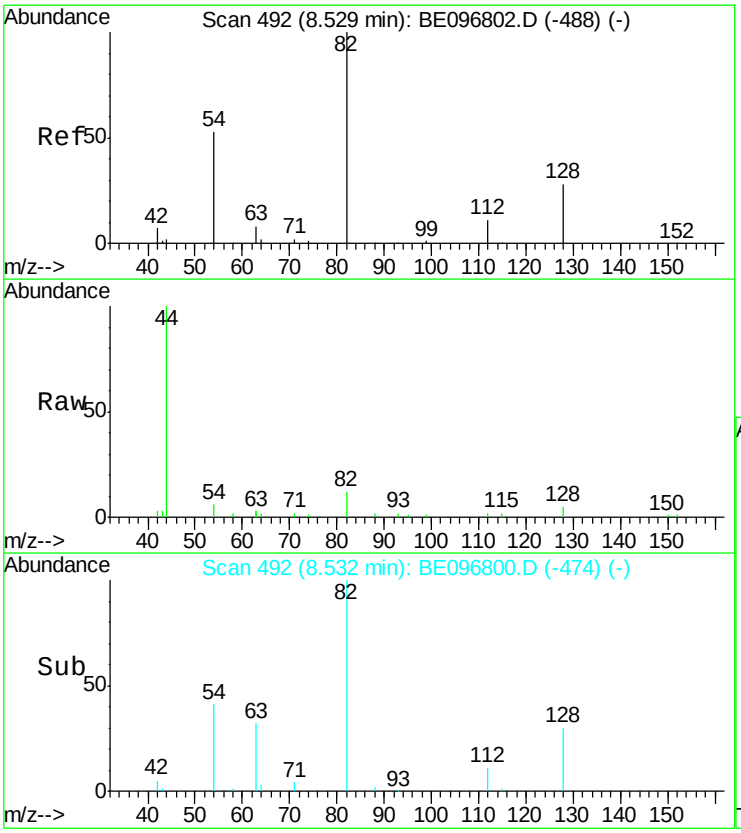
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.16 min Scan# 614
Delta R.T. 0.00 min
Lab File: BE096800.D
Acq: 18 Jun 2018 9:36

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Tgt Ion:136 Resp: 12395

Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.5	14.3
54	24.4	29.1	43.7#
68	4.9	6.2	9.2#

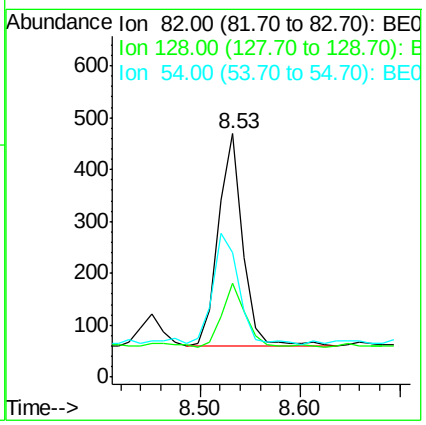


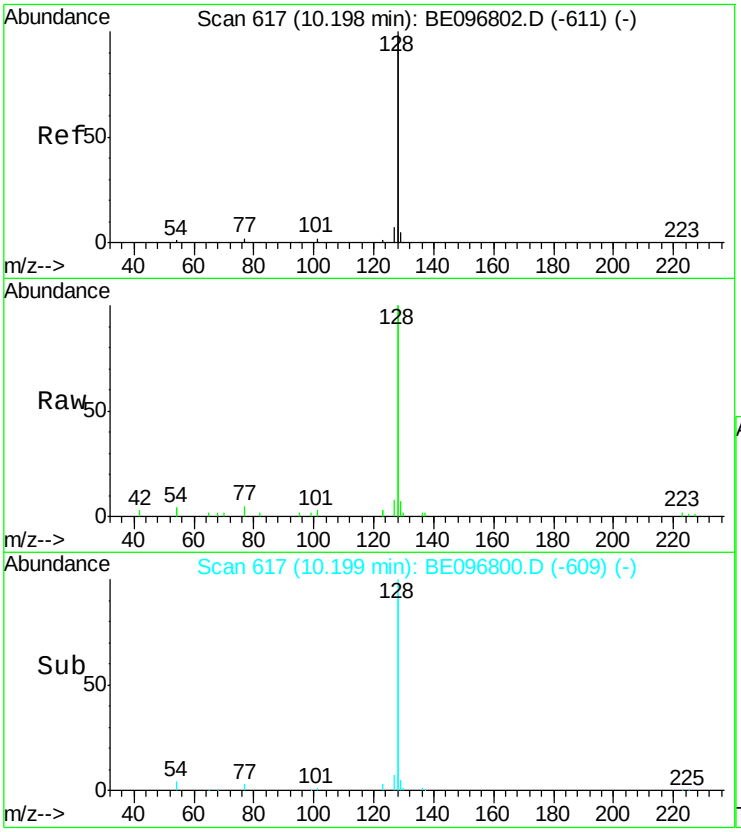


#8
Nitrobenzene-d5
Concen: 0.085 ng
RT: 8.53 min Scan# 492
Delta R.T. 0.00 min
Lab File: BE096800.D
Acq: 18 Jun 2018 9:36

Tgt Ion: 82 Resp: 695

Ion	Ratio	Lower	Upper
82	100		
128	38.8	24.0	36.0#
54	51.2	40.0	60.0



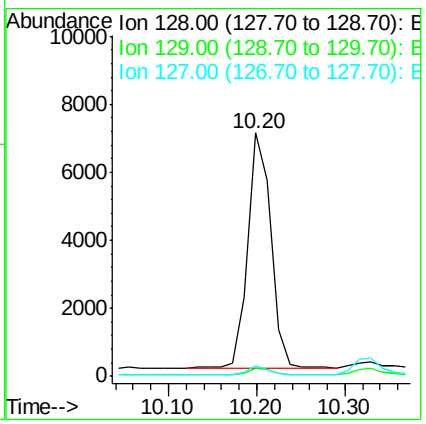


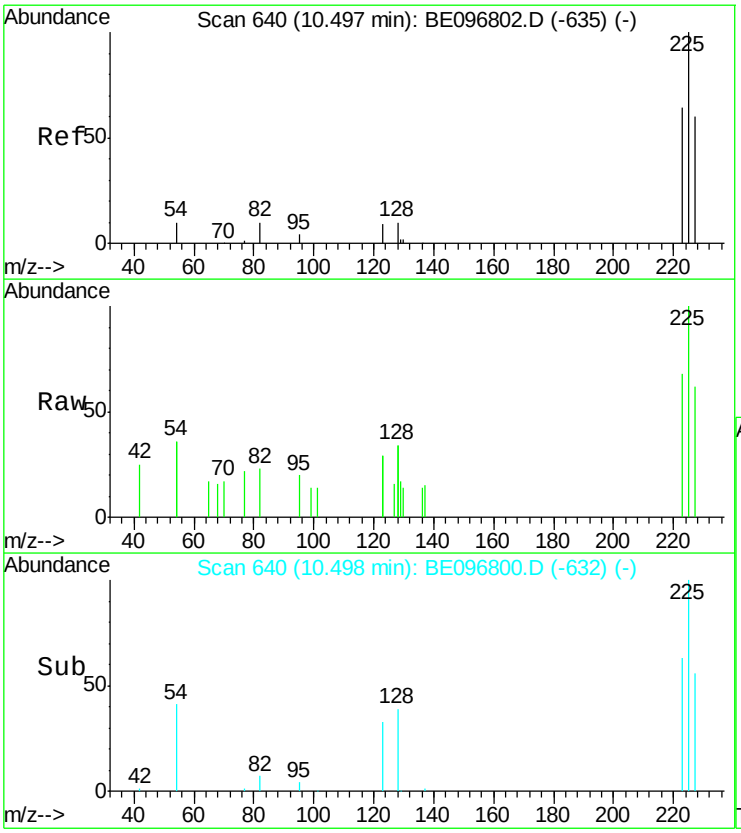
#9
Naphthalene
Concen: 0.102 ng
RT: 10.20 min Scan# 617
Delta R.T. 0.00 min
Lab File: BE096800.D
Acq: 18 Jun 2018 9:36

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Tgt Ion:128 Resp: 12432

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

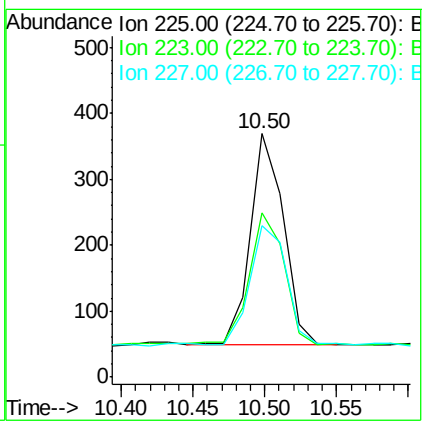


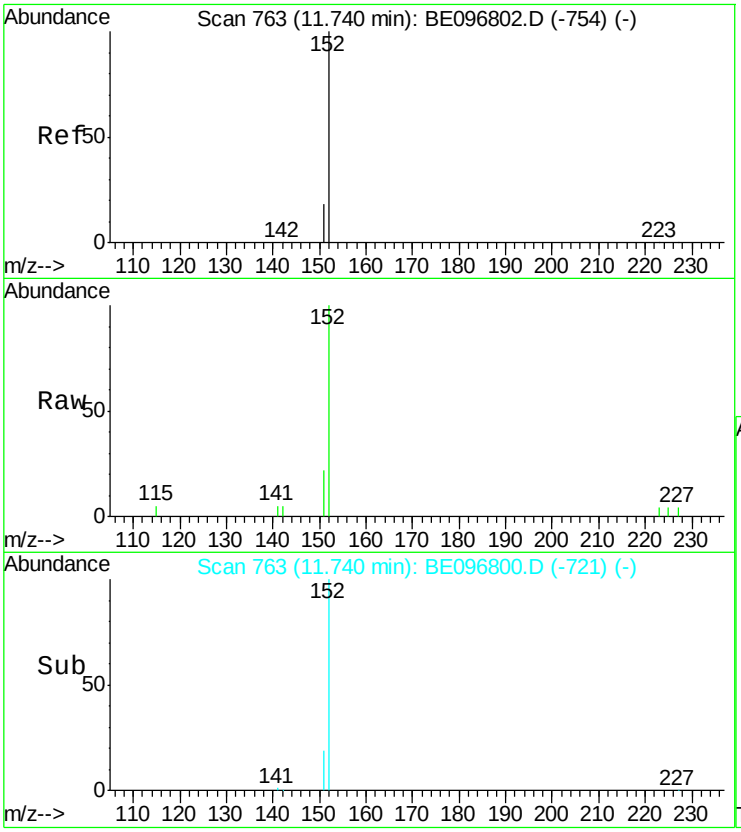


#10
Hexachlorobutadiene
Concen: 0.103 ng
RT: 10.50 min Scan# 640
Delta R.T. 0.00 min
Lab File: BE096800.D
Acq: 18 Jun 2018 9:36

Tgt Ion:225 Resp: 516

Ion	Ratio	Lower	Upper
225	100		
223	66.7	53.0	79.6
227	65.1	51.4	77.2



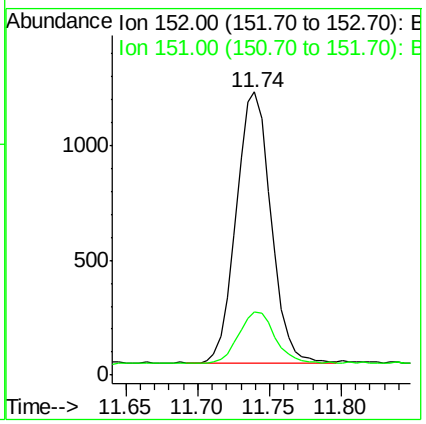


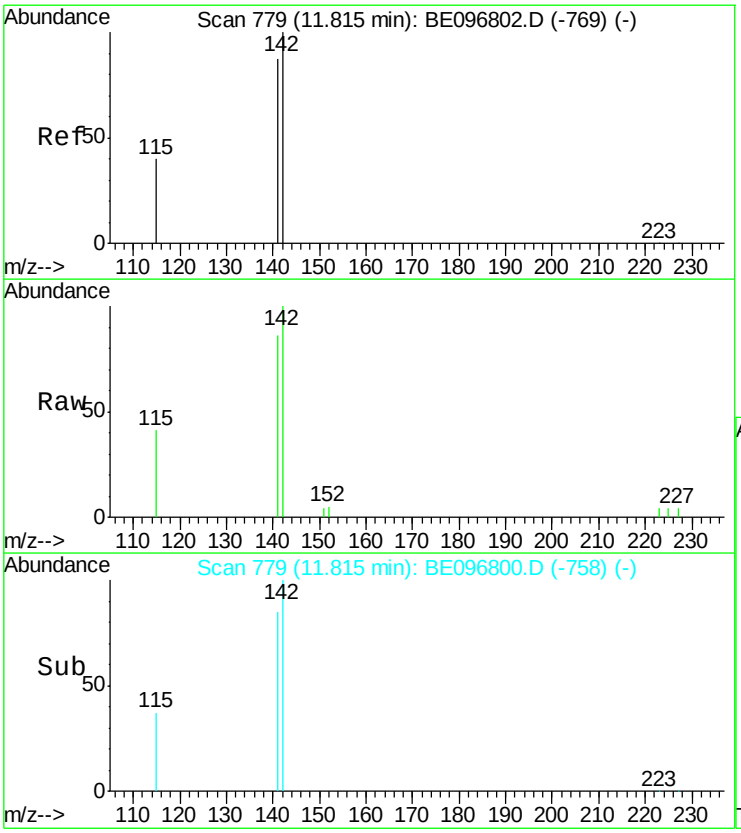
#11
2-Methylnaphthalene-d10
Concen: 0.098 ng
RT: 11.74 min Scan# 763
Delta R.T. 0.00 min
Lab File: BE096800.D
Acq: 18 Jun 2018 9:36

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Tgt Ion:152 Resp: 1983

Ion	Ratio	Lower	Upper
152	100		
151	20.4	15.4	23.0

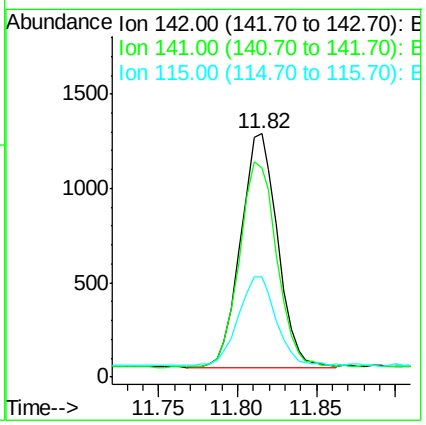


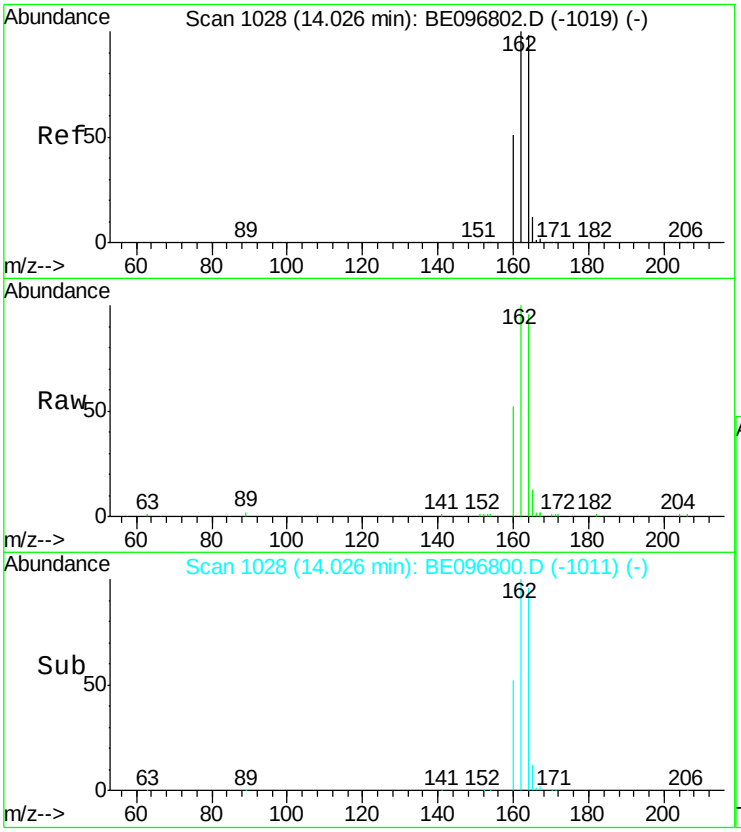


#12
2-Methylnaphthalene
Concen: 0.096 ng
RT: 11.82 min Scan# 779
Delta R.T. 0.00 min
Lab File: BE096800.D
Acq: 18 Jun 2018 9:36

Tgt Ion:142 Resp: 2016

Ion	Ratio	Lower	Upper
142	100		
141	85.9	70.4	105.6
115	40.9	31.7	47.5



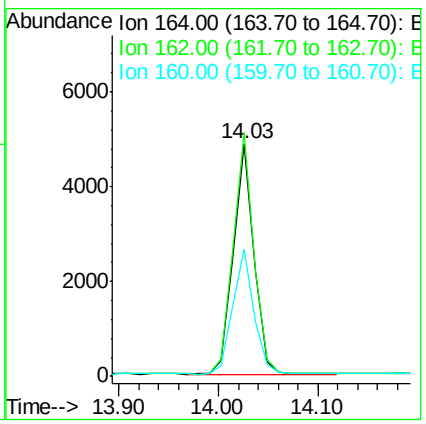


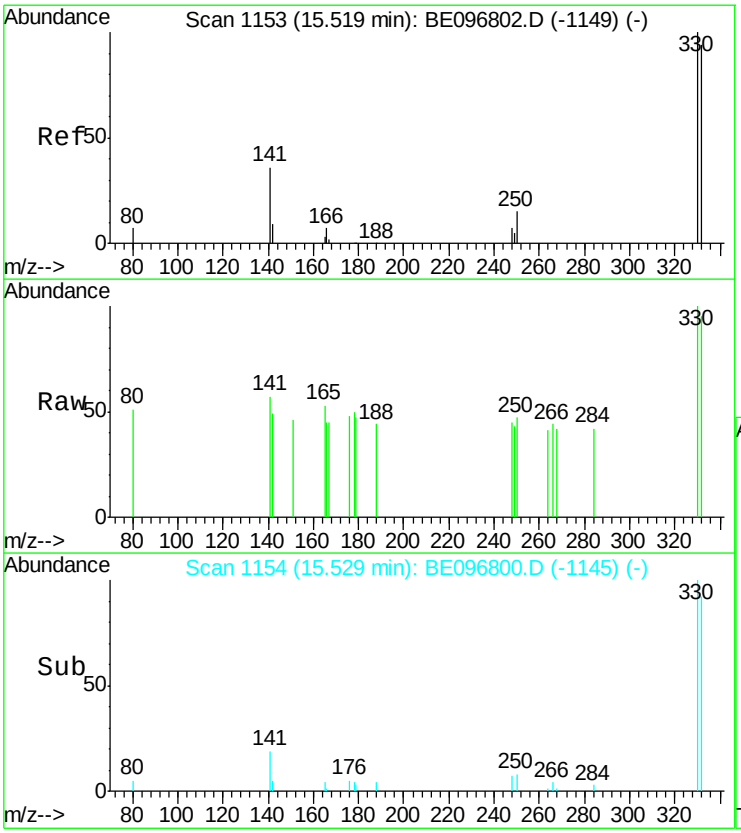
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.03 min Scan# 1028
Delta R.T. 0.00 min
Lab File: BE096800.D
Acq: 18 Jun 2018 9:36

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Tgt Ion:164 Resp: 6937

Ion	Ratio	Lower	Upper
164	100		
162	104.6	83.1	124.7
160	54.7	37.1	55.7

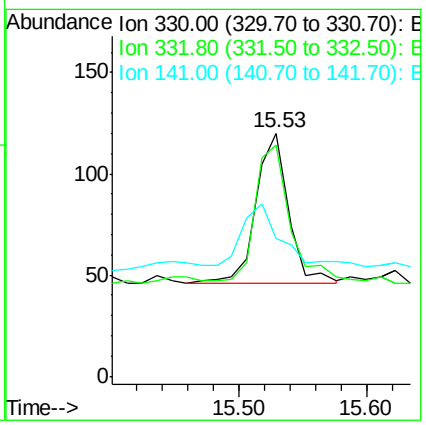


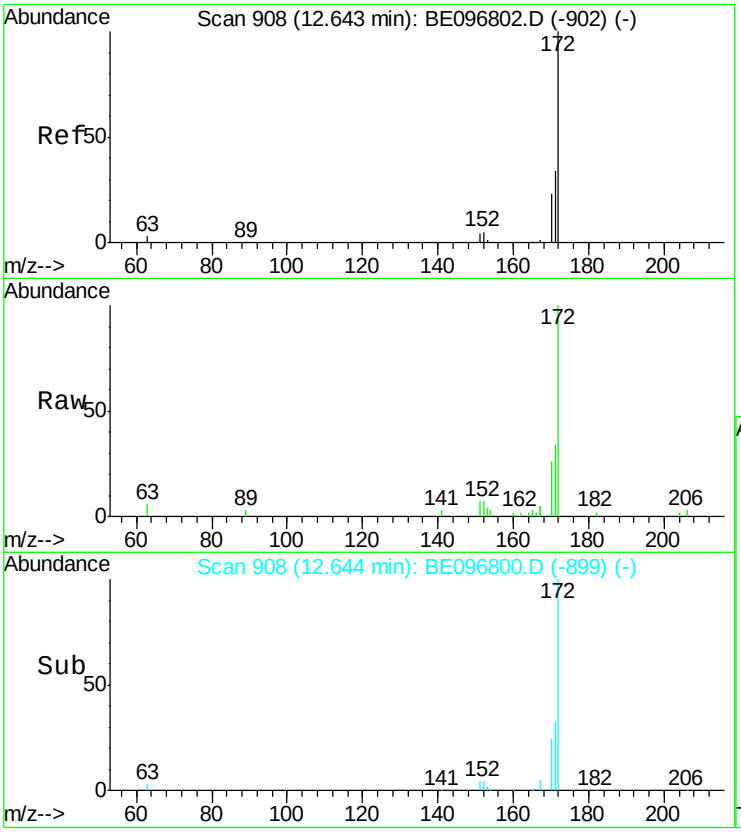


#14
2,4,6-Tribromophenol
Concen: 0.059 ng
RT: 15.53 min Scan# 1154
Delta R.T. 0.01 min
Lab File: BE096800.D
Acq: 18 Jun 2018 9:36

Tgt Ion:330 Resp: 132

Ion	Ratio	Lower	Upper
330	100		
332	94.7	152.7	229.1#
141	43.9	33.7	50.5



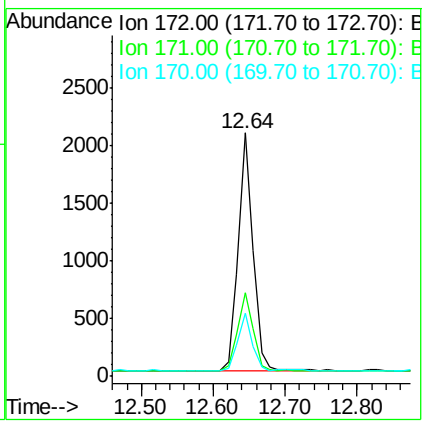


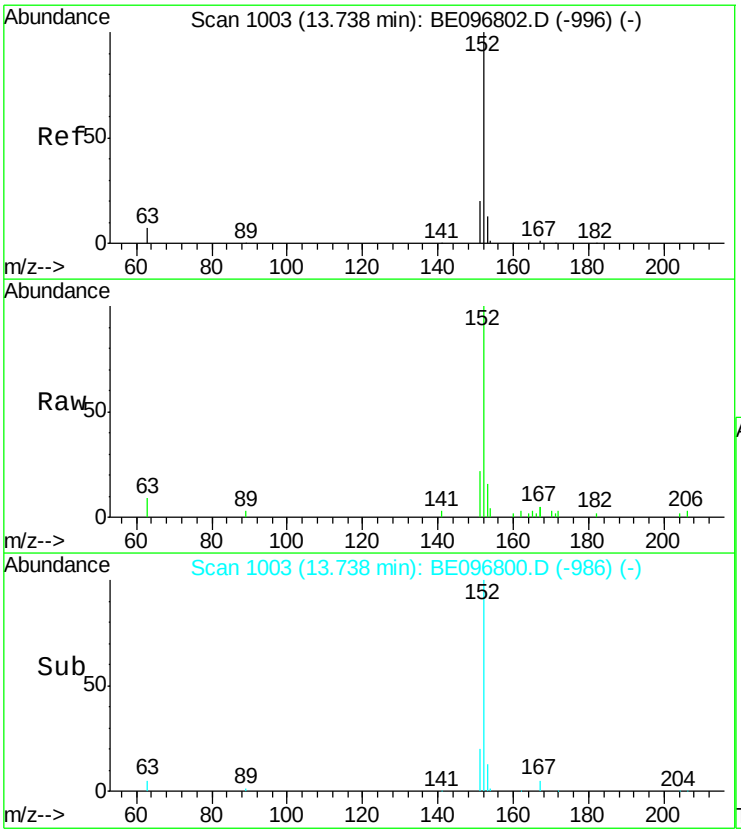
#15
2-Fluorobiphenyl
Concen: 0.107 ng
RT: 12.64 min Scan# 908
Delta R.T. 0.00 min
Lab File: BE096800.D
Acq: 18 Jun 2018 9:36

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Tgt Ion:172 Resp: 2933

Ion	Ratio	Lower	Upper
172	100		
171	34.3	29.9	44.9
170	25.9	21.8	32.8

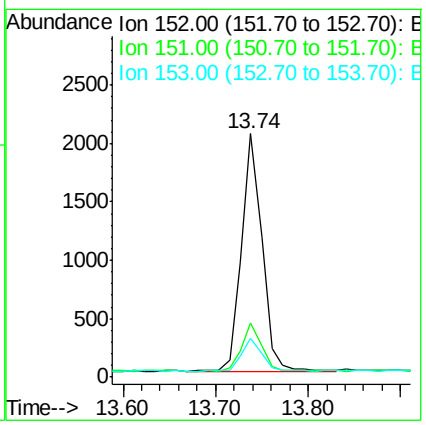


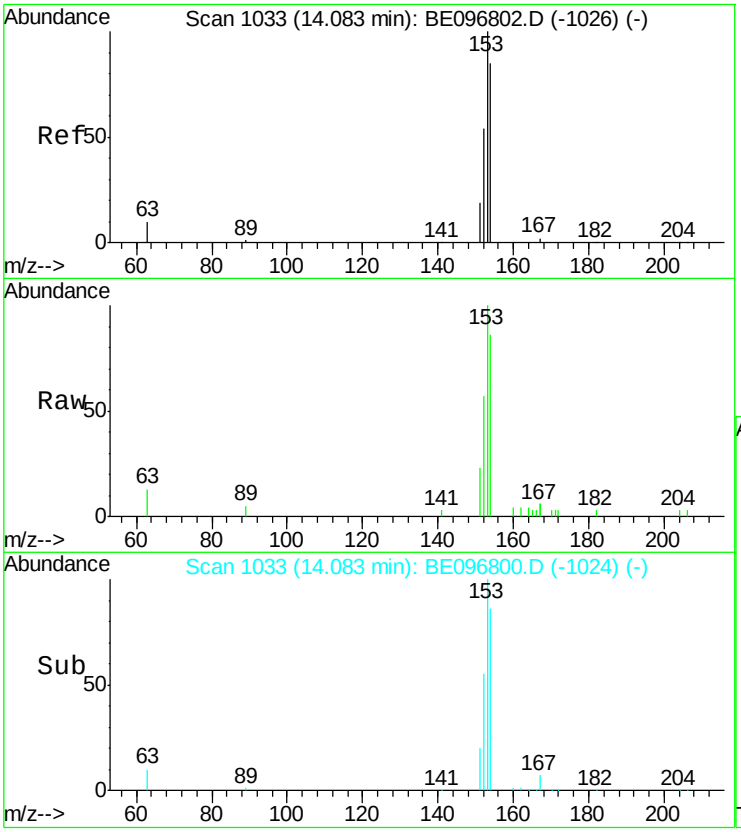


#16
Acenaphthylene
Concen: 0.093 ng
RT: 13.74 min Scan# 1003
Delta R.T. 0.00 min
Lab File: BE096800.D
Acq: 18 Jun 2018 9:36

Tgt Ion:152 Resp: 3125

Ion	Ratio	Lower	Upper
152	100		
151	19.7	15.7	23.5
153	14.1	10.5	15.7



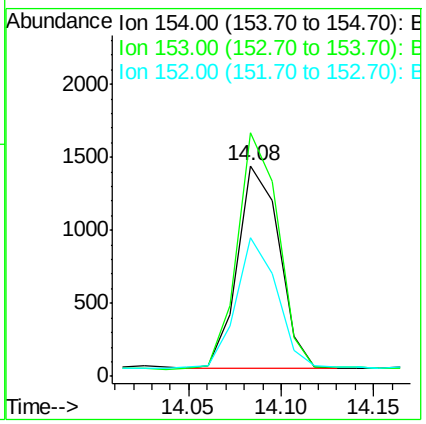


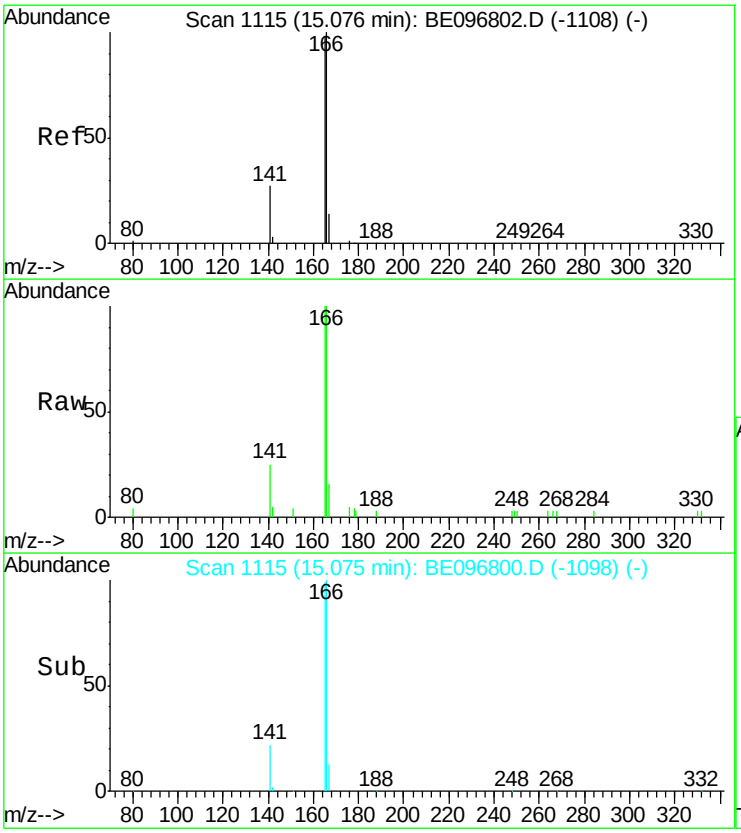
#17
Acenaphthene
Concen: 0.099 ng
RT: 14.08 min Scan# 1033
Delta R.T. 0.00 min
Lab File: BE096800.D
Acq: 18 Jun 2018 9:36

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Tgt Ion:154 Resp: 2190

Ion	Ratio	Lower	Upper
154	100		
153	114.5	89.2	133.8
152	62.7	42.0	63.0

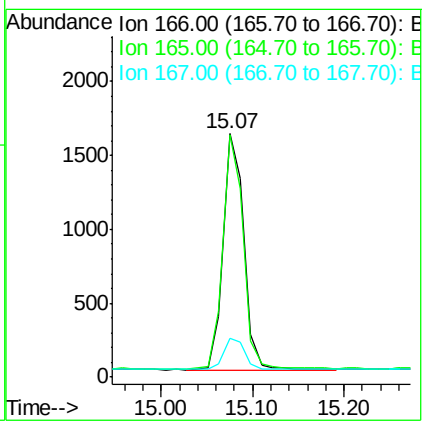


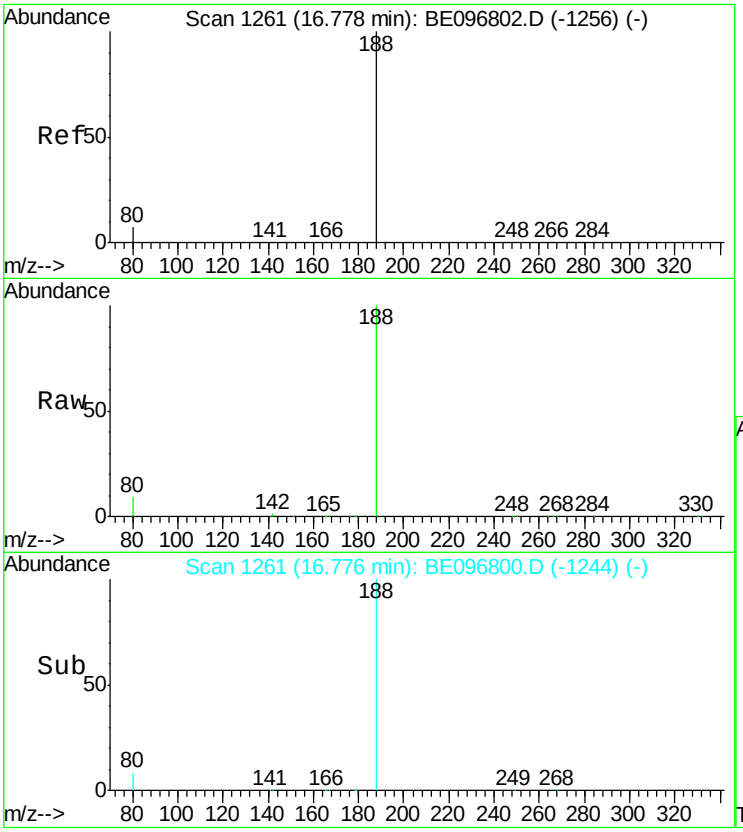


#18
Fluorene
Concen: 0.095 ng
RT: 15.07 min Scan# 1115
Delta R.T. -0.00 min
Lab File: BE096800.D
Acq: 18 Jun 2018 9:36

Tgt Ion:166 Resp: 2528

Ion	Ratio	Lower	Upper
166	100		
165	98.8	77.8	116.6
167	13.3	42.4	63.6#



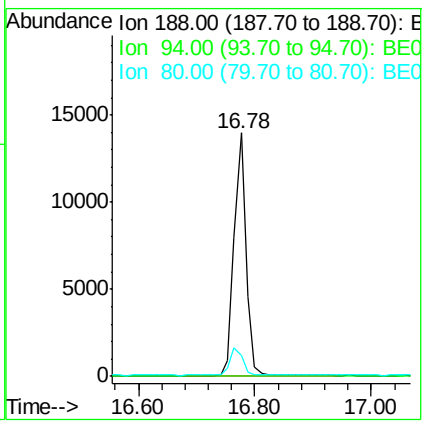


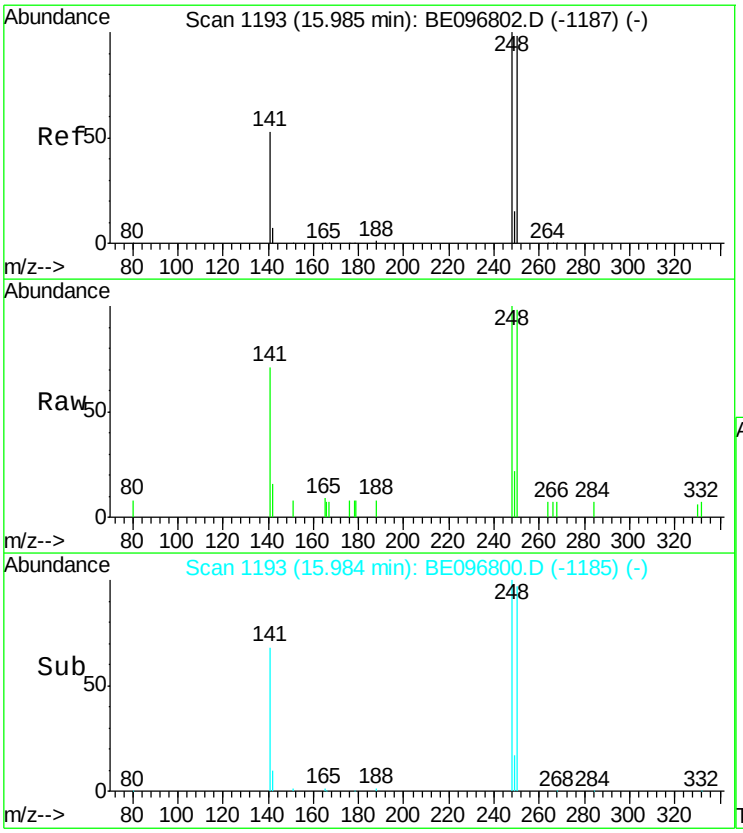
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.78 min Scan# 1261
Delta R.T. -0.00 min
Lab File: BE096800.D
Acq: 18 Jun 2018 9:36

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Tgt Ion:188 Resp: 19697

Ion	Ratio	Lower	Upper
188	100		
94	0.0	3.9	5.9#
80	8.6	3.6	5.4#

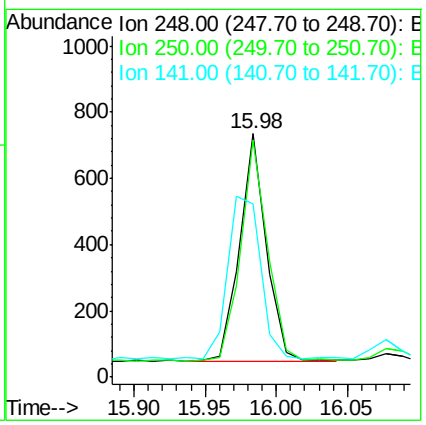


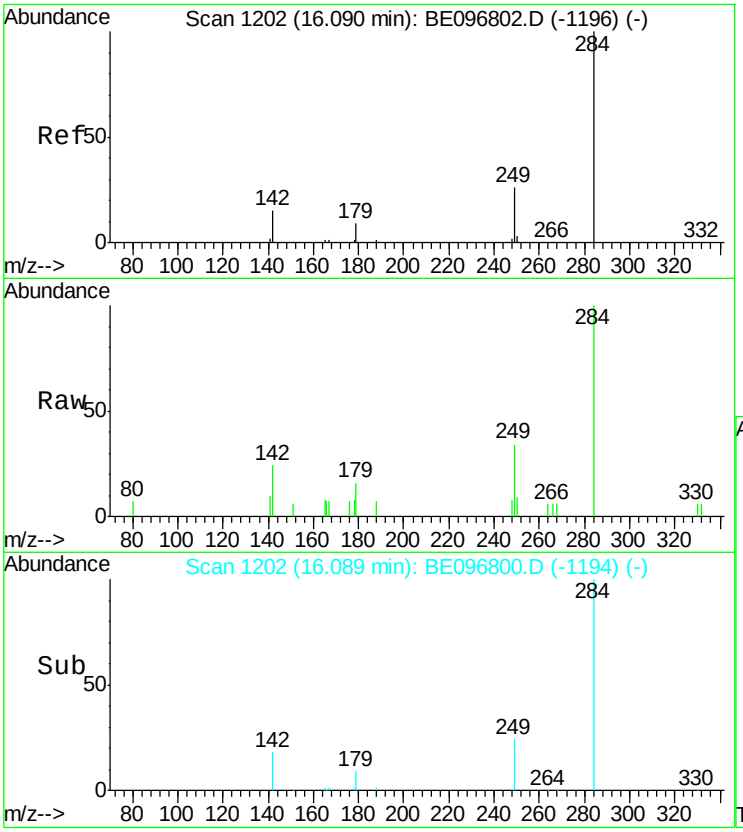


#20
4-Bromophenyl-phenylether
Concen: 0.091 ng
RT: 15.98 min Scan# 1193
Delta R.T. -0.00 min
Lab File: BE096800.D
Acq: 18 Jun 2018 9:36

Tgt Ion:248 Resp: 885

Ion	Ratio	Lower	Upper
248	100		
250	97.6	62.7	94.1#
141	71.3	48.2	72.2



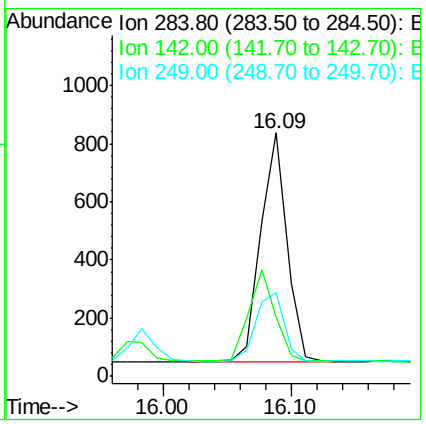


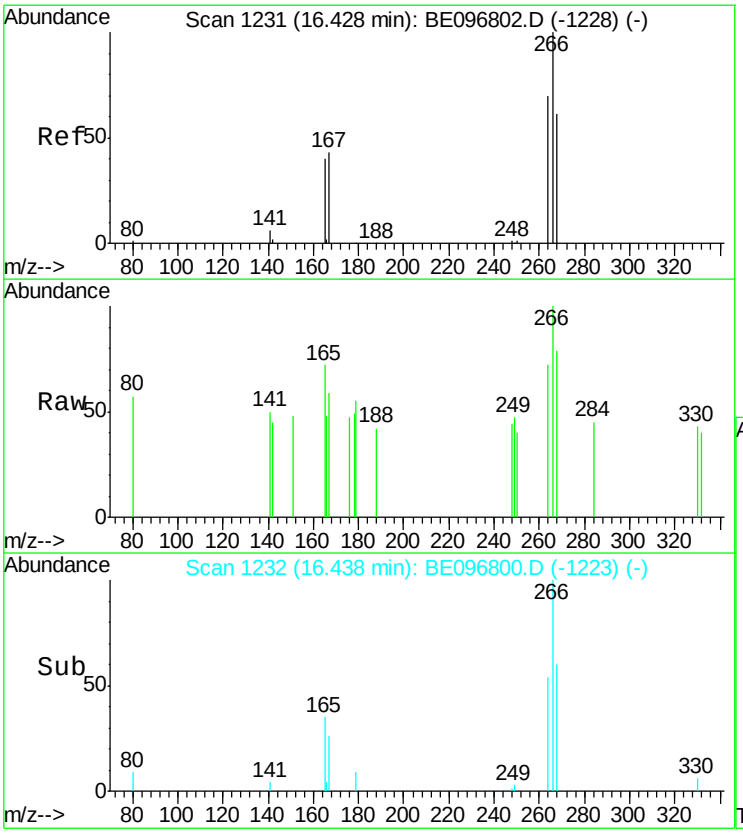
#21
Hexachlorobenzene
Concen: 0.103 ng
RT: 16.09 min Scan# 1202
Delta R.T. -0.00 min
Lab File: BE096800.D
Acq: 18 Jun 2018 9:36

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Tgt Ion:284 Resp: 1136

Ion	Ratio	Lower	Upper
284	100		
142	39.3	22.1	33.1#
249	32.8	34.8	52.2#

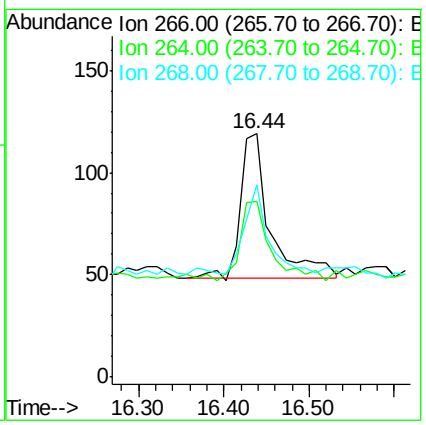


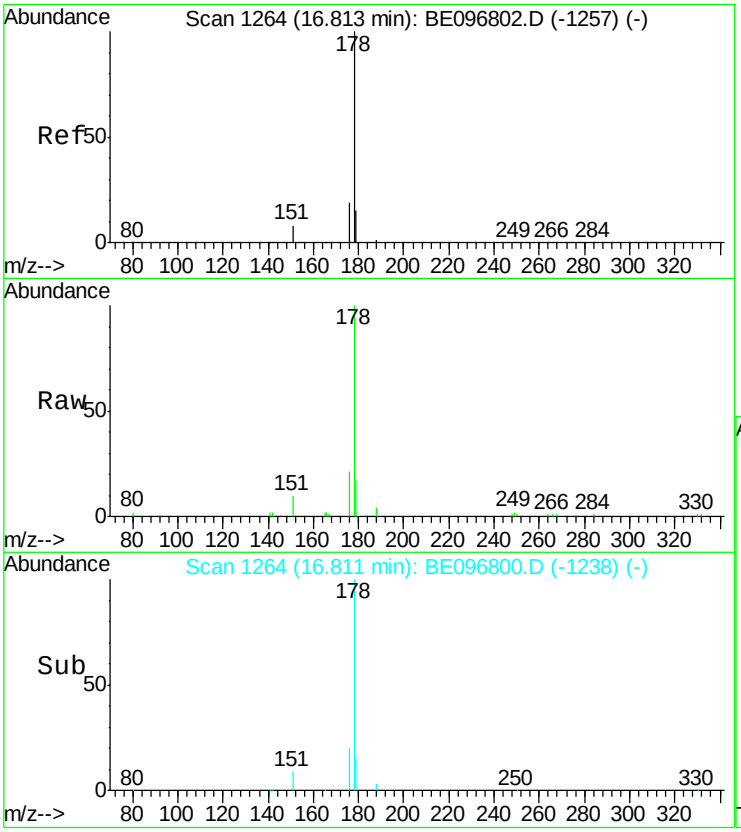


#22
Pentachlorophenol
Concen: 0.068 ng
RT: 16.44 min Scan# 1232
Delta R.T. 0.01 min
Lab File: BE096800.D
Acq: 18 Jun 2018 9:36

Tgt Ion:266 Resp: 175

Ion	Ratio	Lower	Upper
266	100		
264	72.3	72.5	108.7#
268	79.0	73.8	110.6



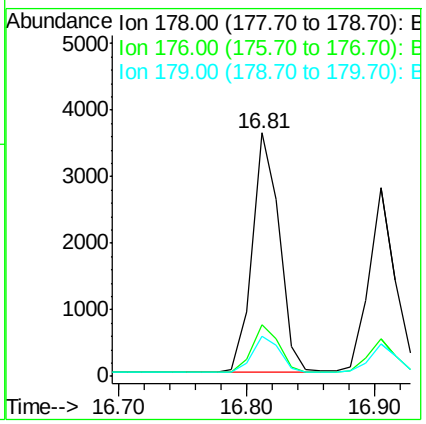


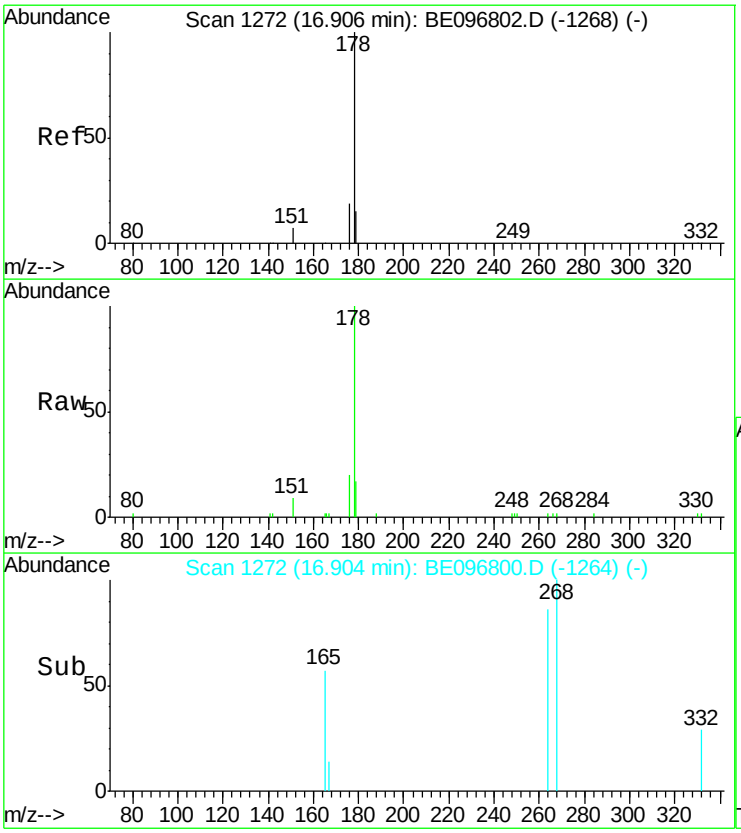
#23
Phenanthrene
Concen: 0.100 ng
RT: 16.81 min Scan# 1264
Delta R.T. -0.00 min
Lab File: BE096800.D
Acq: 18 Jun 2018 9:36

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Tgt Ion:178 Resp: 5359

Ion	Ratio	Lower	Upper
178	100		
176	19.9	15.1	22.7
179	16.2	11.8	17.6

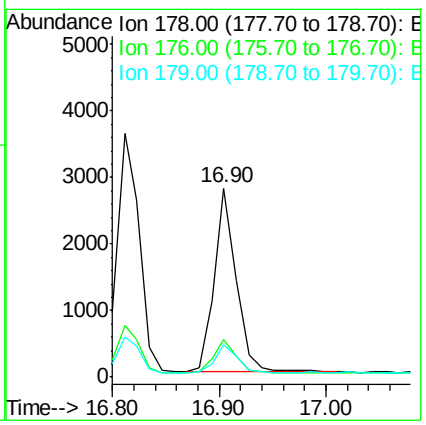


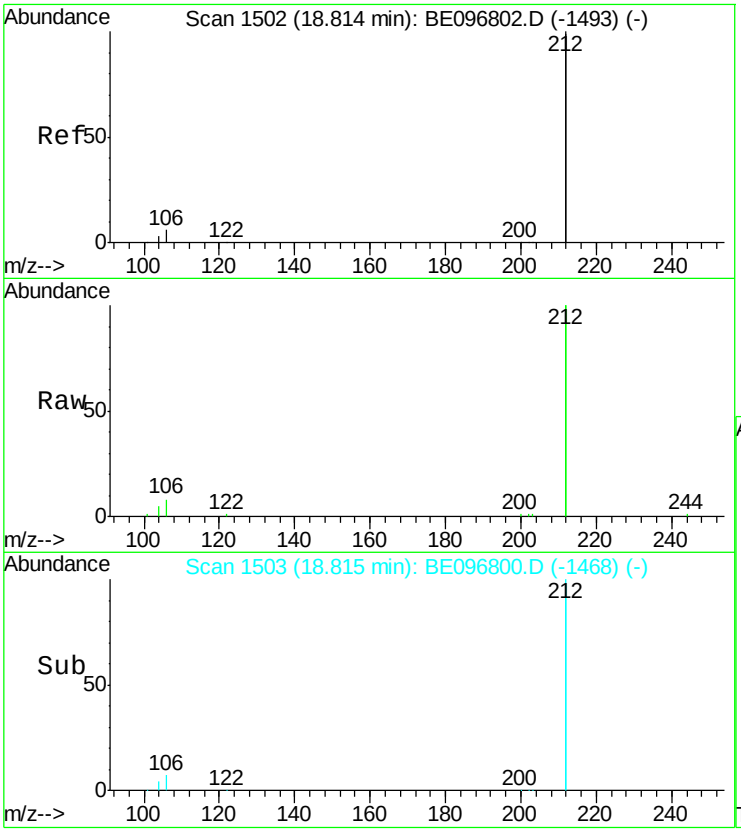


#24
Anthracene
Concen: 0.087 ng
RT: 16.90 min Scan# 1272
Delta R.T. -0.00 min
Lab File: BE096800.D
Acq: 18 Jun 2018 9:36

Tgt Ion:178 Resp: 3983

Ion	Ratio	Lower	Upper
178	100		
176	18.9	12.8	19.2
179	16.3	13.0	19.6



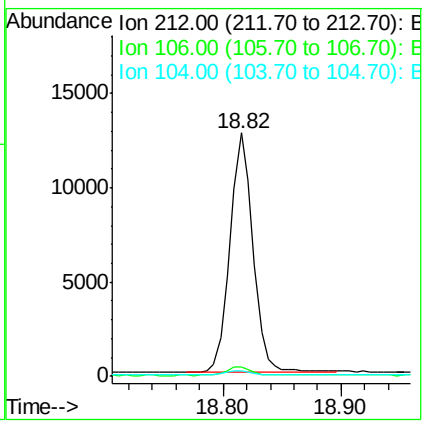


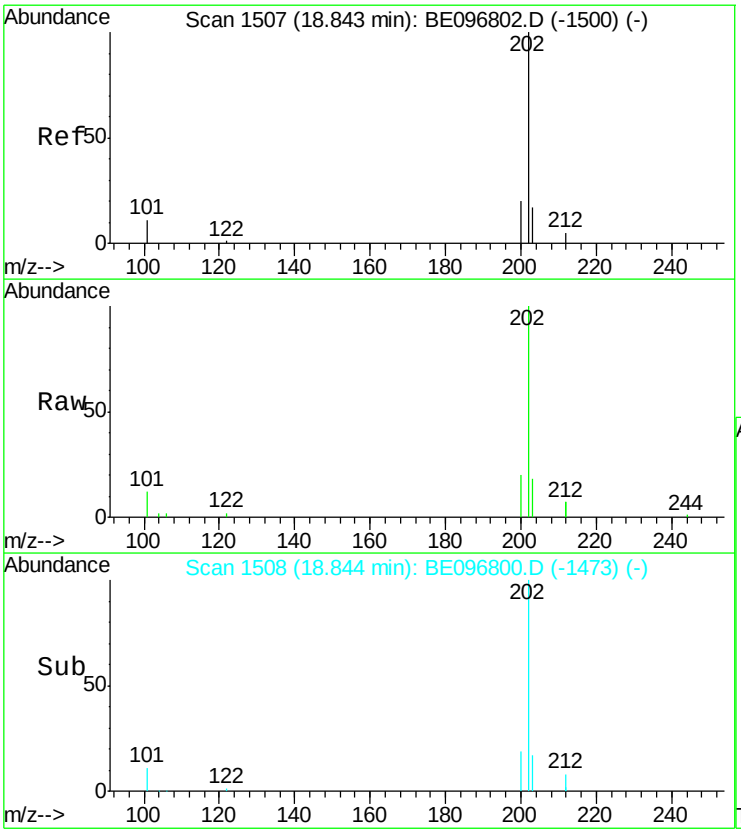
#25
Fluoranthene-d10
Concen: 0.085 ng
RT: 18.82 min Scan# 1503
Delta R.T. 0.00 min
Lab File: BE096800.D
Acq: 18 Jun 2018 9:36

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Tgt Ion:212 Resp: 17224

Ion	Ratio	Lower	Upper
212	100		
106	3.6	2.8	4.2
104	2.1	1.6	2.4

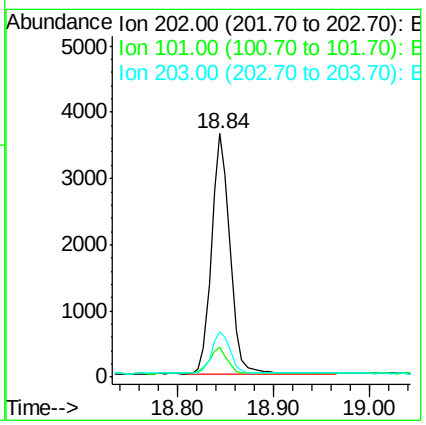


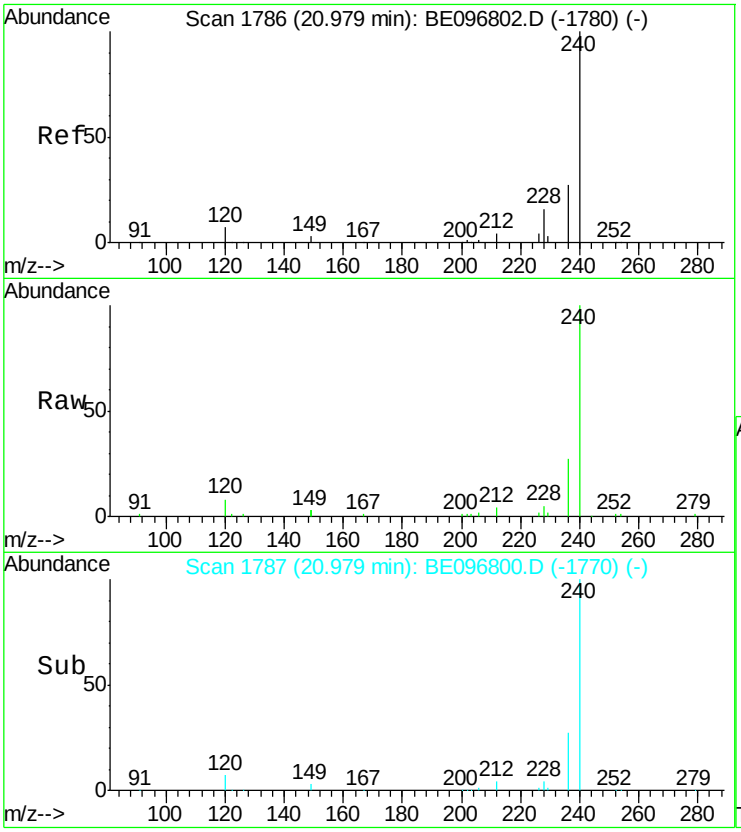


#26
Fluoranthene
Concen: 0.083 ng
RT: 18.84 min Scan# 1508
Delta R.T. 0.00 min
Lab File: BE096800.D
Acq: 18 Jun 2018 9:36

Tgt Ion:202 Resp: 4872

Ion	Ratio	Lower	Upper
202	100		
101	11.0	9.8	14.8
203	17.4	13.7	20.5



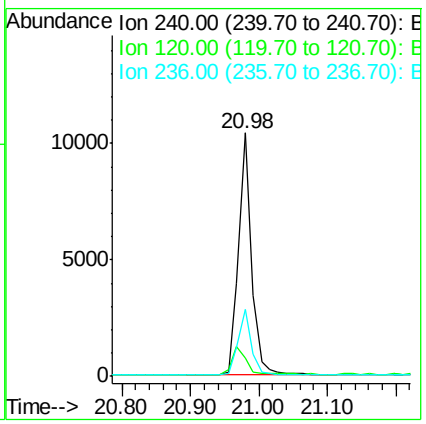


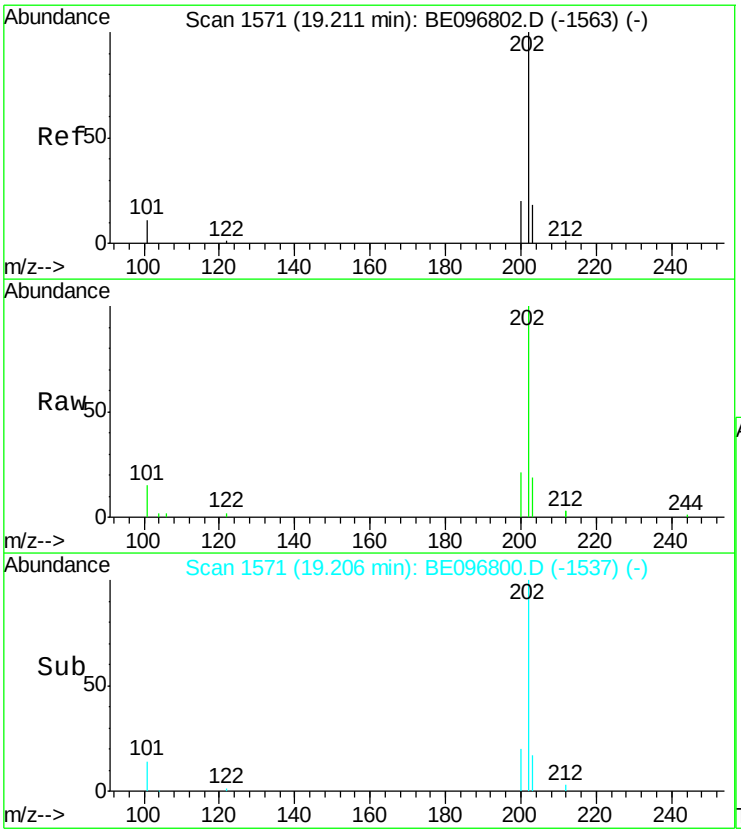
#27
Chrysene-d12
Concen: 0.400 ng
RT: 20.98 min Scan# 1787
Delta R.T. 0.00 min
Lab File: BE096800.D
Acq: 18 Jun 2018 9:36

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Tgt Ion:240 Resp: 13972

Ion	Ratio	Lower	Upper
240	100		
120	7.5	5.5	8.3
236	27.4	20.7	31.1

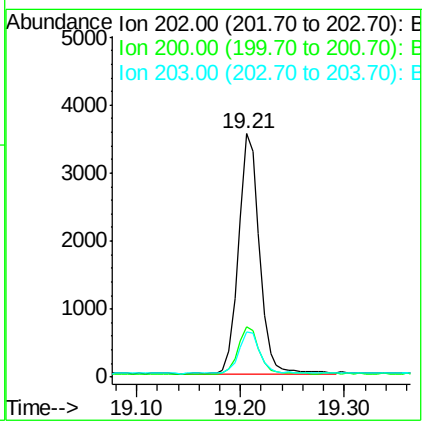


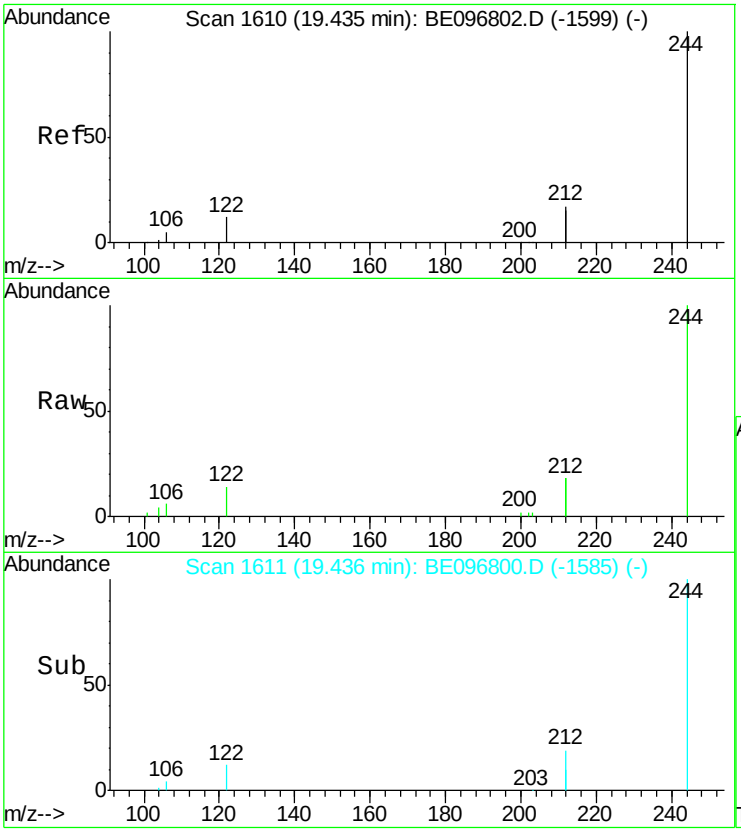


#28
Pyrene
Concen: 0.110 ng
RT: 19.21 min Scan# 1571
Delta R.T. -0.00 min
Lab File: BE096800.D
Acq: 18 Jun 2018 9:36

Tgt Ion:202 Resp: 4925

Ion	Ratio	Lower	Upper
202	100		
200	19.5	16.6	25.0
203	17.8	13.8	20.8



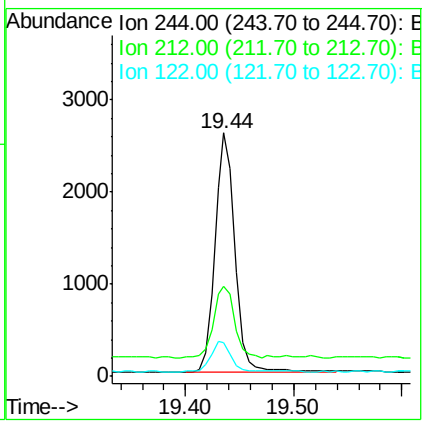


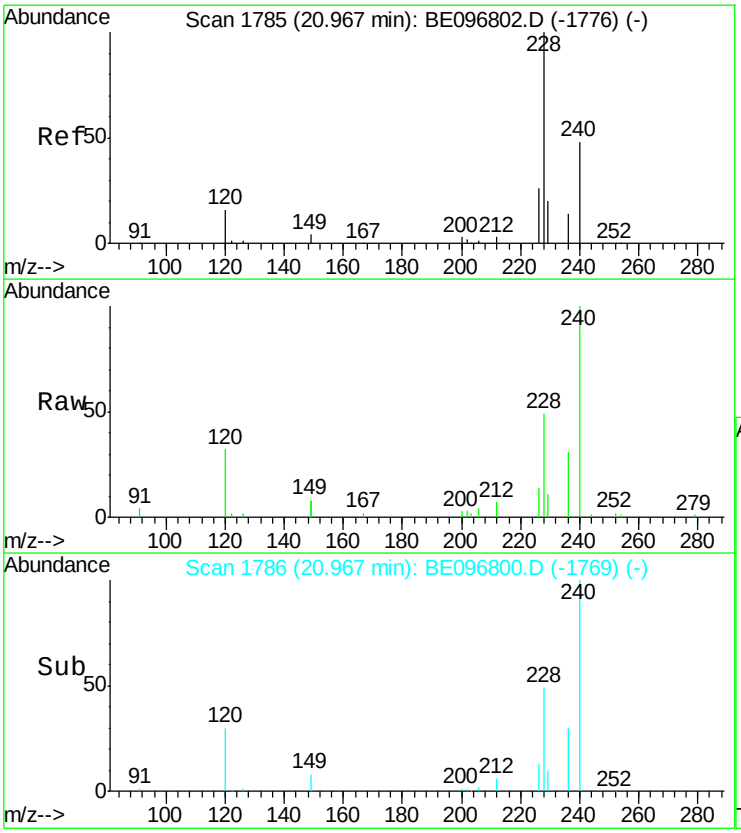
#29
Terphenyl-d14
Concen: 0.108 ng
RT: 19.44 min Scan# 1611
Delta R.T. 0.00 min
Lab File: BE096800.D
Acq: 18 Jun 2018 9:36

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Tgt Ion:244 Resp: 3327

Ion	Ratio	Lower	Upper
244	100		
212	36.9	25.4	38.0
122	13.6	8.1	12.1#

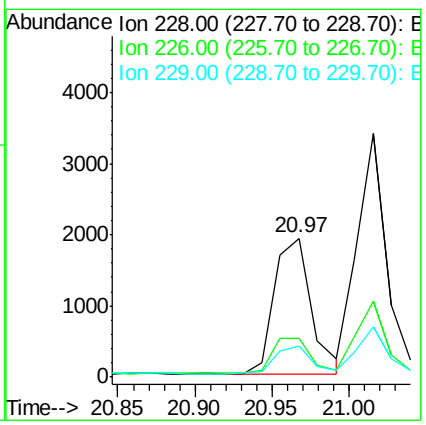


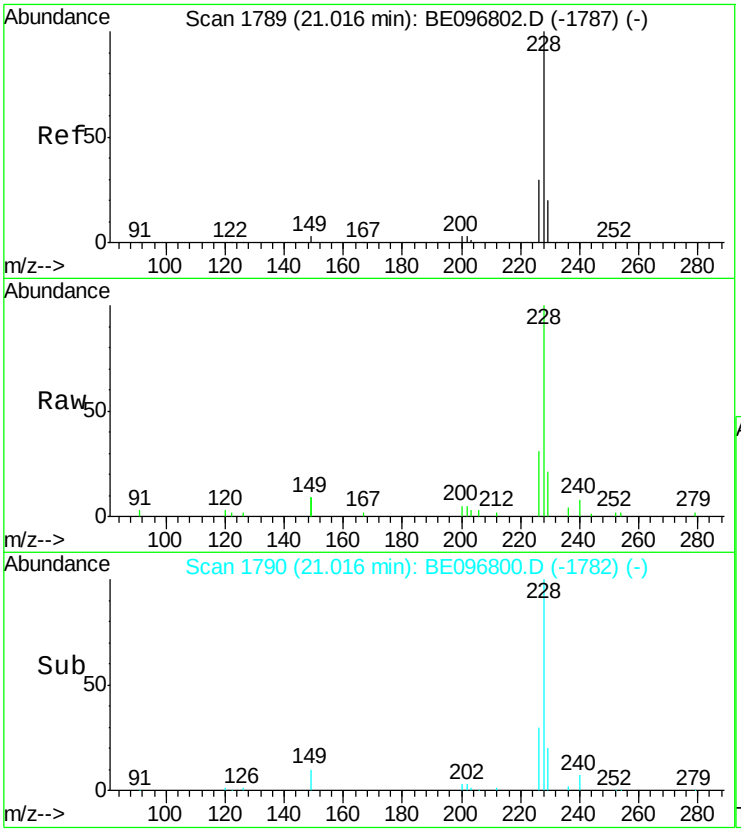


#30
Benzo(a)anthracene
Concen: 0.087 ng
RT: 20.97 min Scan# 1786
Delta R.T. 0.00 min
Lab File: BE096800.D
Acq: 18 Jun 2018 9:36

Tgt Ion:228 Resp: 3198

Ion	Ratio	Lower	Upper
228	100		
226	27.8	24.0	36.0
229	22.8	16.0	24.0



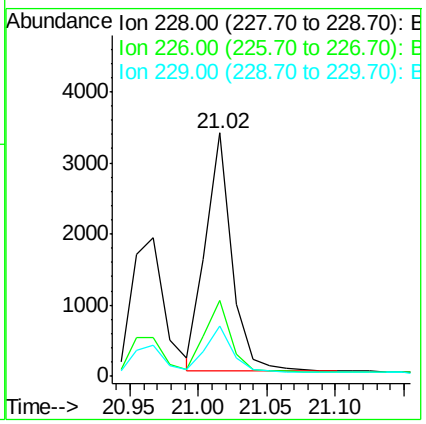


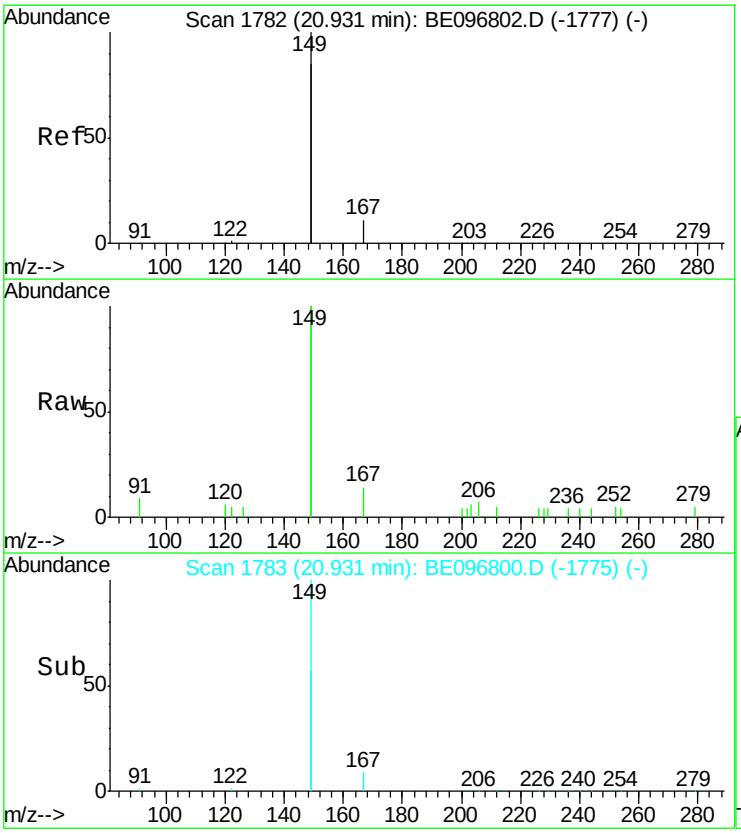
#31
Chrysene
Concen: 0.105 ng
RT: 21.02 min Scan# 1790
Delta R.T. 0.00 min
Lab File: BE096800.D
Acq: 18 Jun 2018 9:36

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Tgt Ion:228 Resp: 4468

Ion	Ratio	Lower	Upper
228	100		
226	31.0	24.0	36.0
229	20.6	16.0	24.0

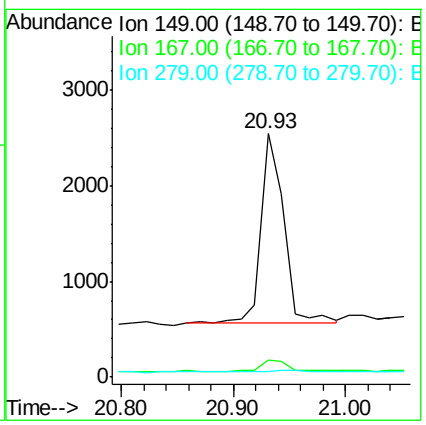


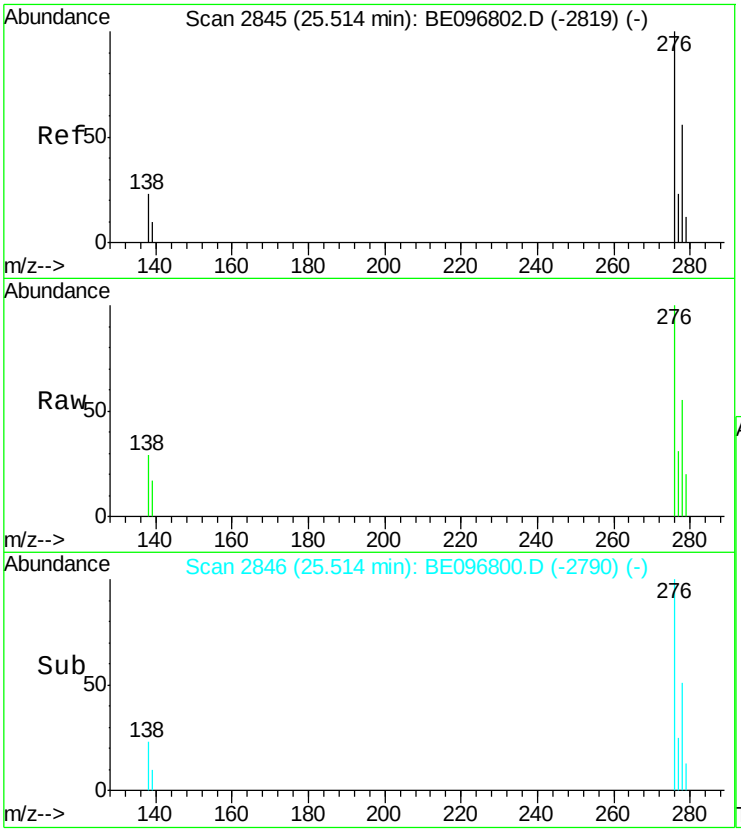


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.081 ng
RT: 20.93 min Scan# 1783
Delta R.T. 0.00 min
Lab File: BE096800.D
Acq: 18 Jun 2018 9:36

Tgt Ion:149 Resp: 2854

Ion	Ratio	Lower	Upper
149	100		
167	6.5	5.4	8.0
279	1.5	0.7	1.1#



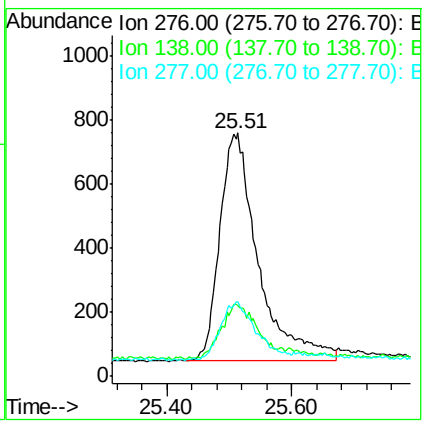


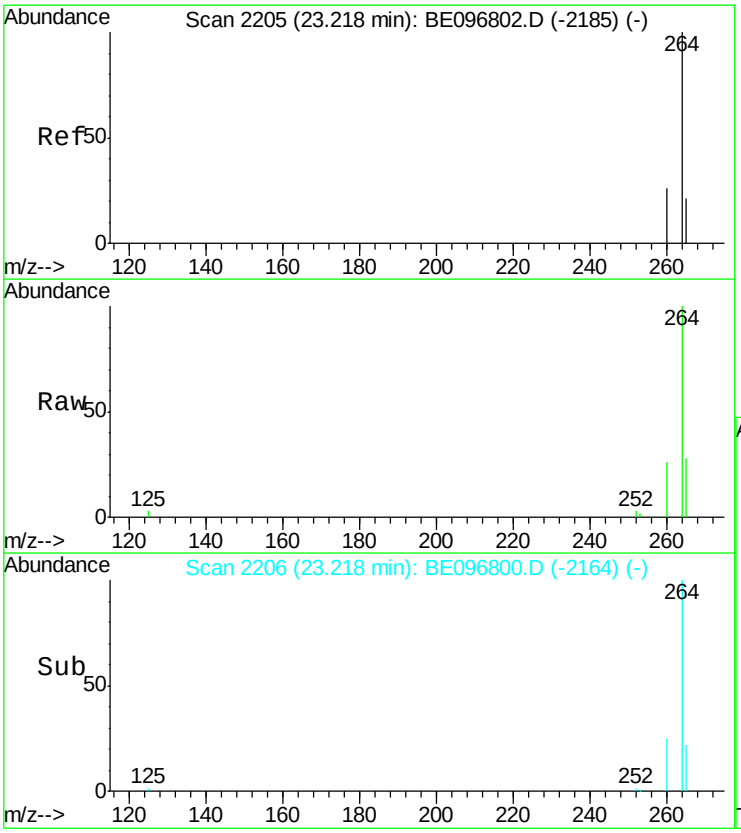
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.083 ng
RT: 25.51 min Scan# 2846
Delta R.T. 0.00 min
Lab File: BE096800.D
Acq: 18 Jun 2018 9:36

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Tgt Ion:276 Resp: 3045

Ion	Ratio	Lower	Upper
276	100		
138	22.6	22.5	33.7
277	23.3	19.9	29.9

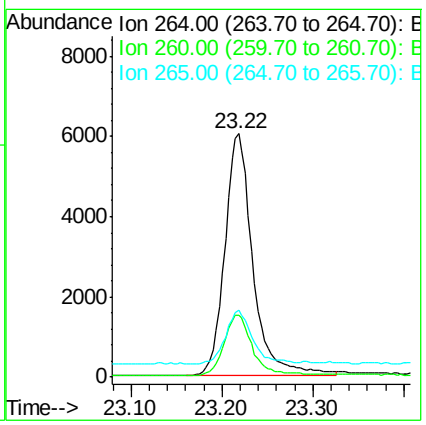


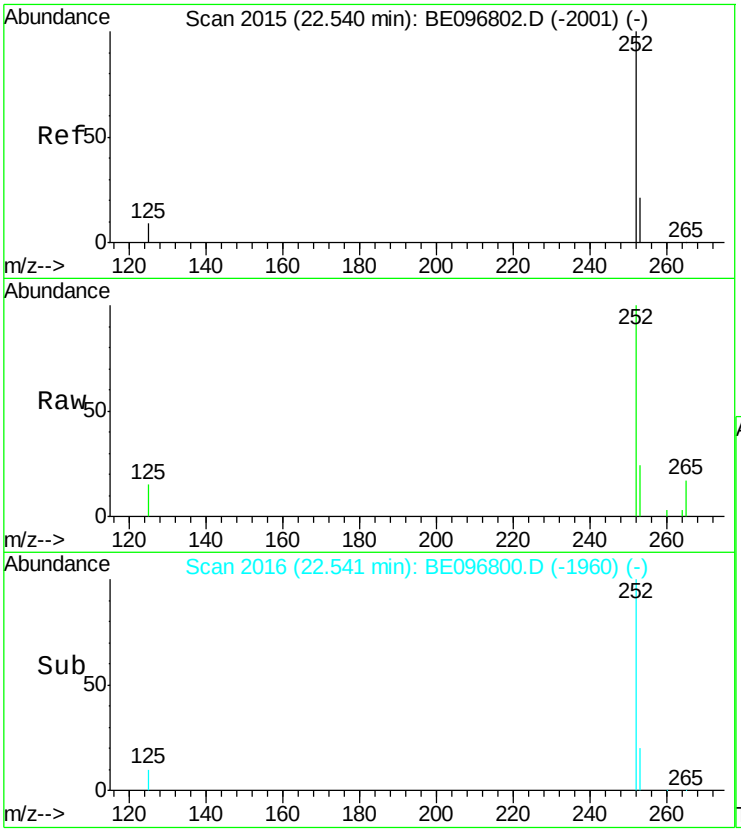


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.22 min Scan# 2206
Delta R.T. 0.00 min
Lab File: BE096800.D
Acq: 18 Jun 2018 9:36

Tgt Ion:264 Resp: 12853

Ion	Ratio	Lower	Upper
264	100		
260	25.7	20.5	30.7
265	27.6	22.8	34.2



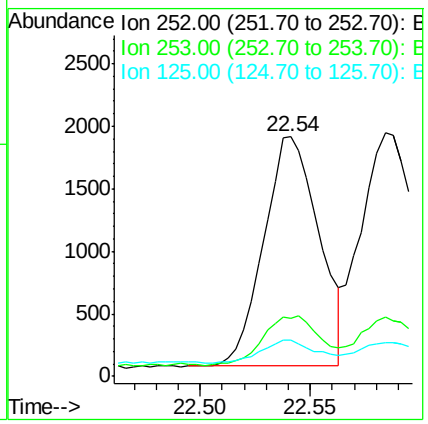


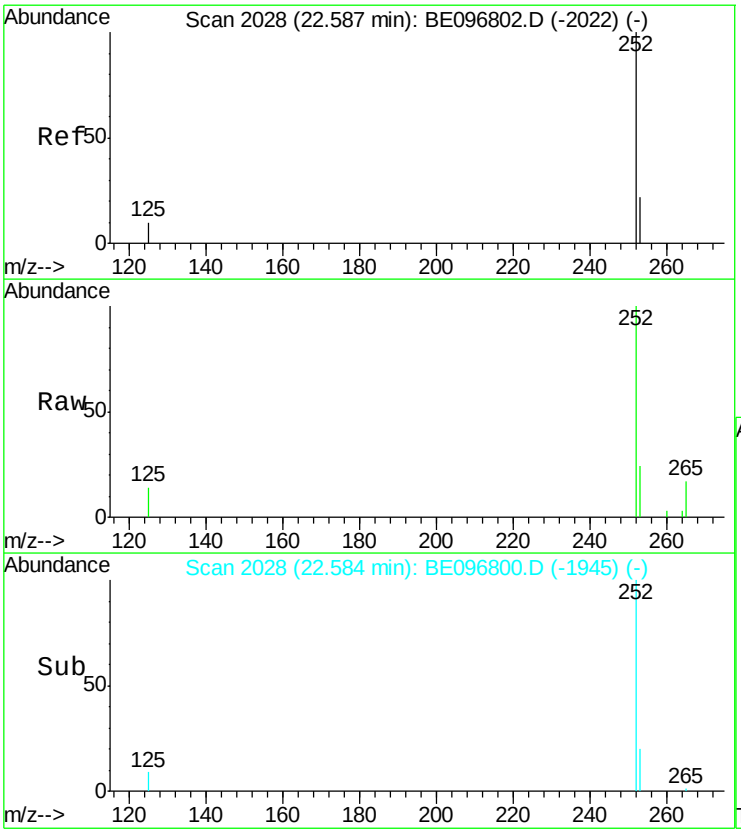
#35
Benzo(b)fluoranthene
Concen: 0.087 ng
RT: 22.54 min Scan# 2016
Delta R.T. 0.00 min
Lab File: BE096800.D
Acq: 18 Jun 2018 9:36

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Tgt Ion:252 Resp: 3181

Ion	Ratio	Lower	Upper
252	100		
253	24.3	20.0	30.0
125	15.2	16.0	24.0#

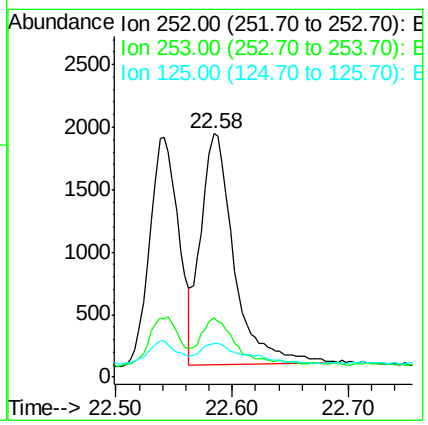


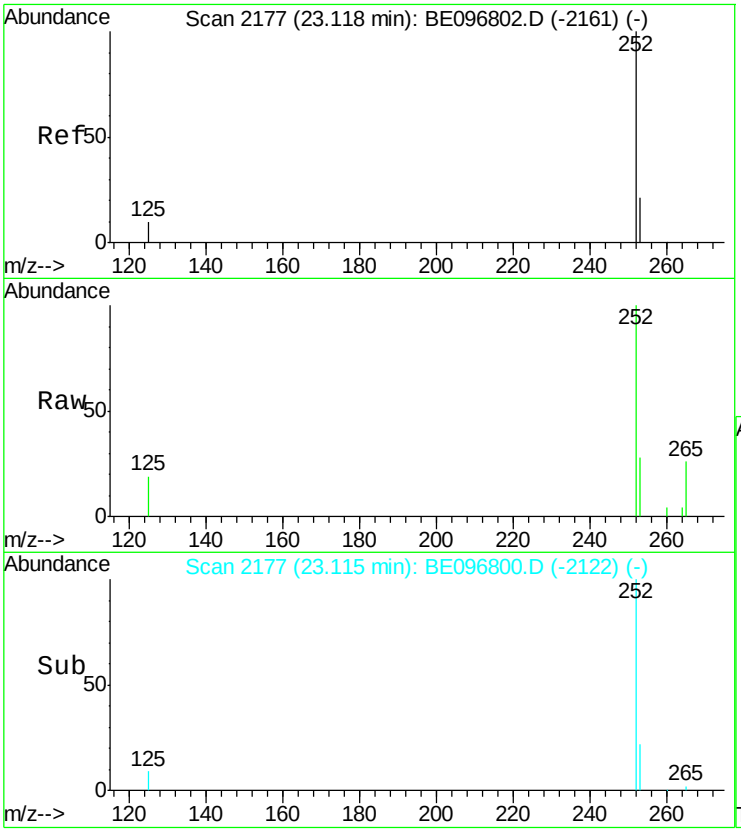


#36
Benzo(k)fluoranthene
Concen: 0.089 ng
RT: 22.58 min Scan# 2028
Delta R.T. -0.00 min
Lab File: BE096800.D
Acq: 18 Jun 2018 9:36

Tgt Ion:252 Resp: 3698

Ion	Ratio	Lower	Upper
252	100		
253	24.2	16.0	24.0#
125	13.8	8.0	12.0#



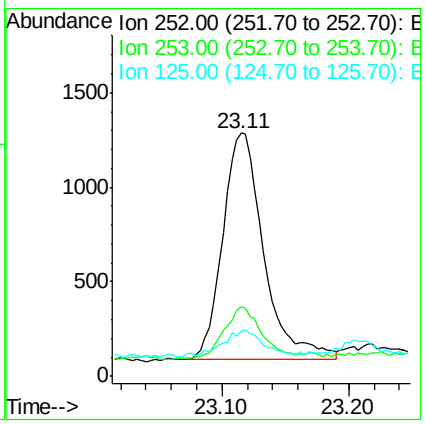


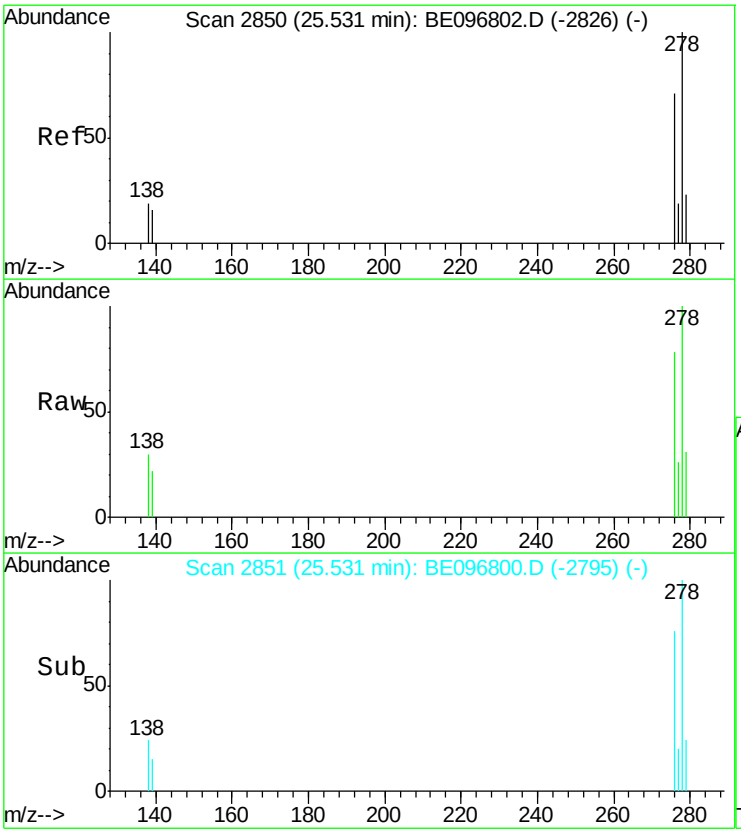
#37
Benzo(a)pyrene
Concen: 0.082 ng
RT: 23.11 min Scan# 2177
Delta R.T. -0.00 min
Lab File: BE096800.D
Acq: 18 Jun 2018 9:36

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Tgt Ion:252 Resp: 2700

Ion	Ratio	Lower	Upper
252	100		
253	28.4	16.0	24.0#
125	18.7	12.0	18.0#

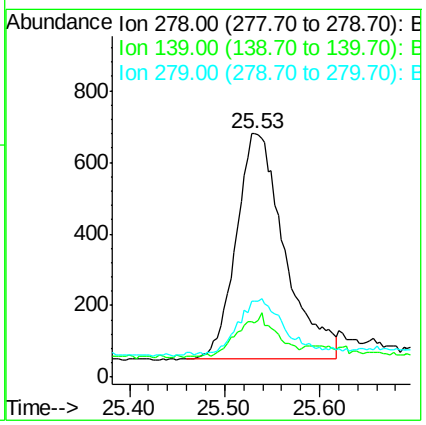


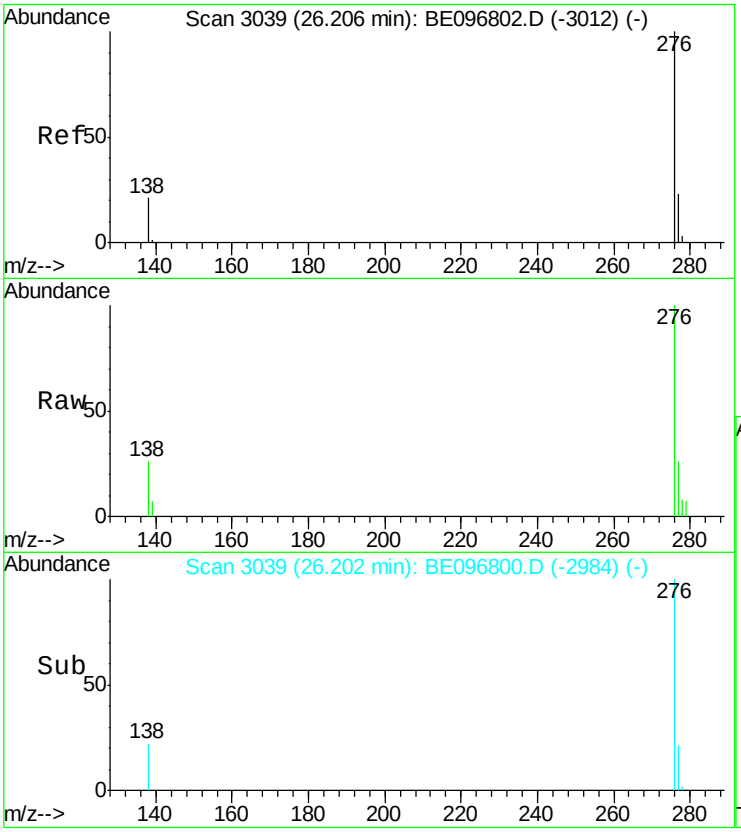


#38
Dibenzo(a,h)anthracene
Concen: 0.070 ng
RT: 25.53 min Scan# 2851
Delta R.T. 0.00 min
Lab File: BE096800.D
Acq: 18 Jun 2018 9:36

Tgt Ion:278 Resp: 2242

Ion	Ratio	Lower	Upper
278	100		
139	22.1	16.0	24.0
279	31.3	20.0	30.0#





#39
Benzo(g,h,i)perylene
Concen: 0.086 ng
RT: 26.20 min Scan# 3039
Delta R.T. -0.00 min
Lab File: BE096800.D
Acq: 18 Jun 2018 9:36

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Tgt Ion:276 Resp: 2918

Ion	Ratio	Lower	Upper
276	100		
277	25.9	16.0	24.0#
138	26.4	20.0	30.0