Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE062018\
Data File : BE096830.D
Acq On : 20 Jun 2018 11:38
Operator : SJ/JU
Sample : SSTDICC0.8
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : SSTDICC0.8

Quant Time: Jun 20 12:27:20 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE062018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 20 11:46:39 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.40	152	1931	0.40	ng		0.00
7) Naphthalene-d8	10.16	136	9258	0.40	ng		0.00
13) Acenaphthene-d10	14.03	164	5189	0.40	ng		0.00
19) Phenanthrene-d10	16.78	188	13504	0.40	ng		0.00
27) Chrysene-d12	20.98	240	11967	0.40	ng		0.00
34) Perylene-d12	23.21	264	8804	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.05	112	4535	1.07	ng		0.00
5) Phenol-d6	6.60	99	6906	1.09	ng		0.00
8) Nitrobenzene-d5	8.53	82	6193	1.20	ng		0.00
11) 2-Methylnaphthalene-d10	11.74	152	15246	1.03	ng		0.00
14) 2,4,6-Tribromophenol	15.53	330	1369	1.28	ng		0.01
15) 2-Fluorobiphenyl	12.64	172	21655	1.01	ng		0.00
25) Fluoranthene-d10	18.82	212	138768	1.05	ng		0.00
29) Terphenyl-d14	19.44	244	27057	1.00	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.10	88	3212	1.027	ng	#	87
3) n-Nitrosodimethylamine	3.38	42	3516	1.067	ng	#	88
6) bis(2-Chloroethyl)ether	6.85	93	7652	1.026	ng		99
9) Naphthalene	10.20	128	94573	1.040	ng		99
10) Hexachlorobutadiene	10.50	225	3880	1.023	ng		98
12) 2-Methylnaphthalene	11.81	142	15868	1.040	ng		99
16) Acenaphthylene	13.74	152	25955	1.060	ng		100
17) Acenaphthene	14.08	154	16997	1.033	ng		94
18) Fluorene	15.07	166	20221	1.039	ng	#	80
20) 4-Bromophenyl-phenylether	15.98	248	7005	1.064	ng	#	85
21) Hexachlorobenzene	16.09	284	7963	1.030	ng	#	80
22) Pentachlorophenol	16.43	266	1371	1.141	ng	#	71
23) Phenanthrene	16.81	178	38043	1.036	ng		99
24) Anthracene	16.90	178	32109	1.066	ng		96
26) Fluoranthene	18.84	202	42217	1.087	ng		99
28) Pyrene	19.21	202	39615	1.008	ng		99
30) Benzo(a)anthracene	20.97	228	31226	1.076	ng		96
31) Chrysene	21.02	228	37348	1.022	ng		99
32) Bis(2-ethylhexyl)phthalate	20.93	149	24604	1.129	ng		99
33) Indeno(1,2,3-cd)pyrene	25.51	276	27399	0.999	ng		96
35) Benzo(b)fluoranthene	22.54	252	28652	1.184	ng	#	87
36) Benzo(k)fluoranthene	22.58	252	33736	1.172	ng		97
37) Benzo(a)pyrene	23.11	252	23893	1.137	ng	#	94
38) Dibenzo(a,h)anthracene	25.54	278	23825	1.182	ng		95
39) Benzo(g,h,i)perylene	26.21	276	25302	1.134	ng		93

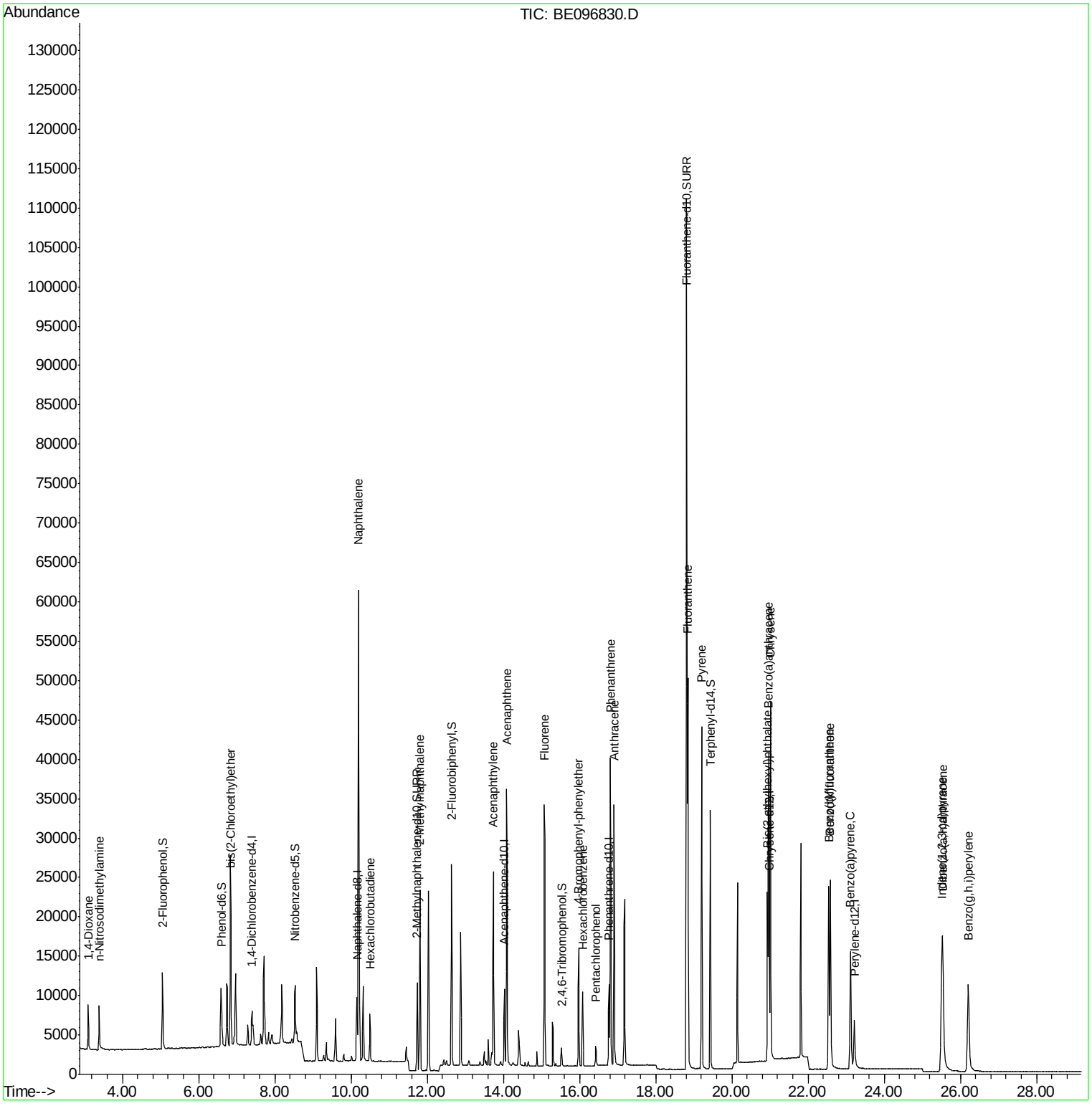
(#) = qualifier out of range (m) = manual integration (+) = signals summed

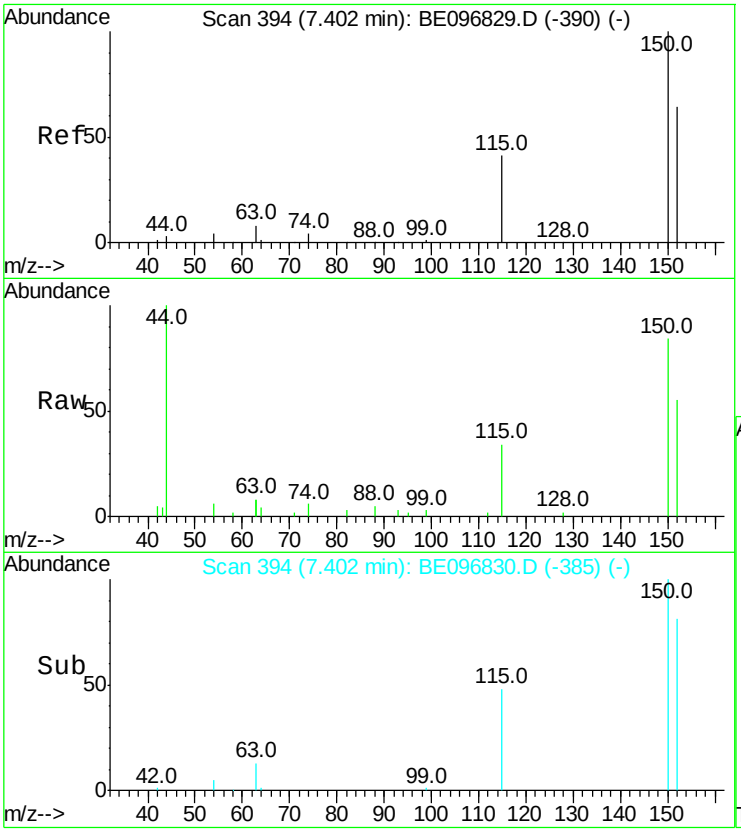
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE062018\
Data File : BE096830.D
Acq On : 20 Jun 2018 11:38
Operator : SJ/JU
Sample : SSTDICC0.8
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Quant Time: Jun 20 12:27:20 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE062018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 20 11:46:39 2018
Response via : Initial Calibration



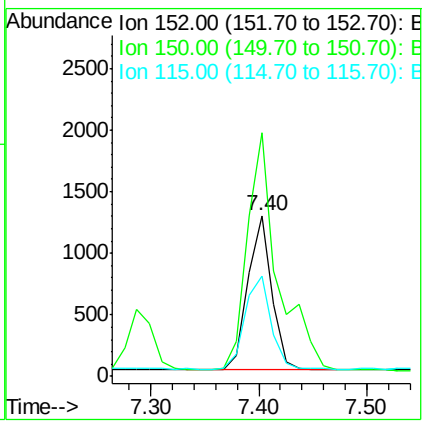


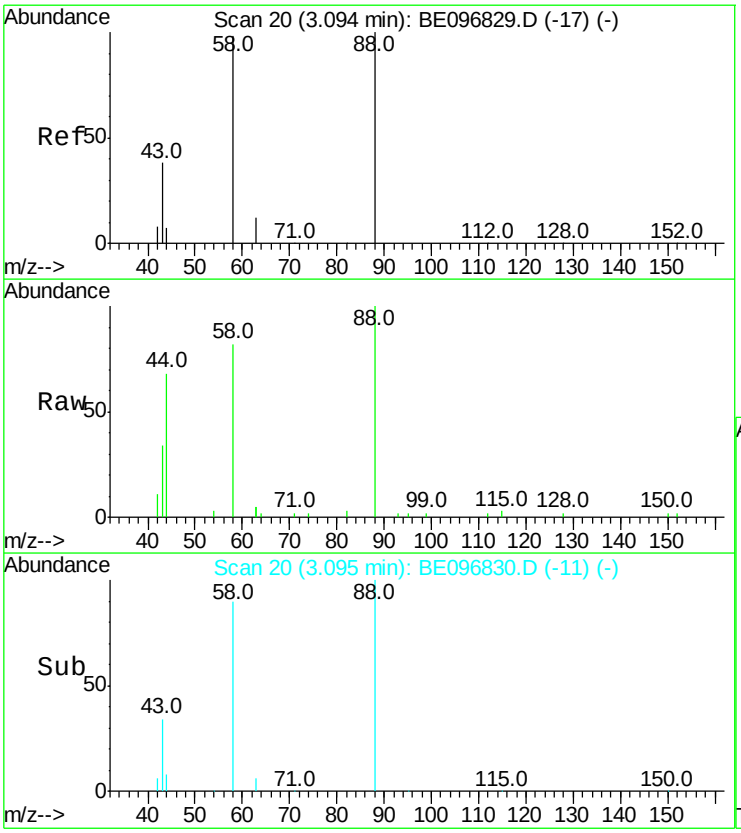
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.40 min Scan# 394
Delta R.T. 0.00 min
Lab File: BE096830.D
Acq: 20 Jun 2018 11:38

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:152 Resp: 1931

Ion	Ratio	Lower	Upper
152	100		
150	151.6	117.2	175.8
115	62.1	57.0	85.6

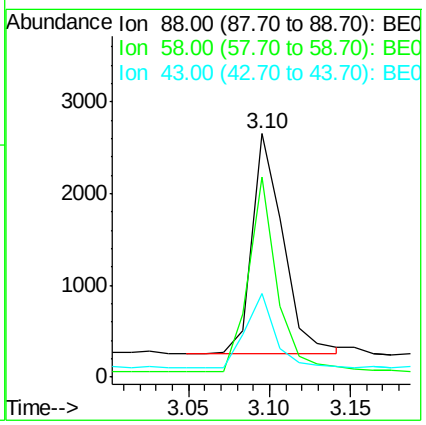


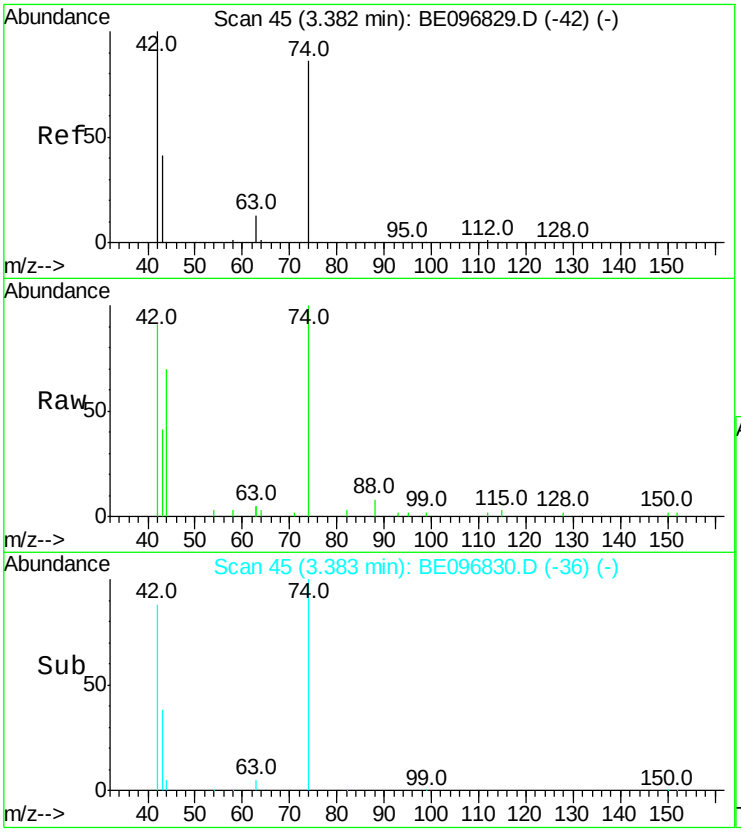


#2
1,4-Dioxane
Concen: 1.027 ng
RT: 3.10 min Scan# 20
Delta R.T. 0.00 min
Lab File: BE096830.D
Acq: 20 Jun 2018 11:38

Tgt Ion: 88 Resp: 3212

Ion	Ratio	Lower	Upper
88	100		
58	82.7	63.2	94.8
43	32.6	41.2	61.8#



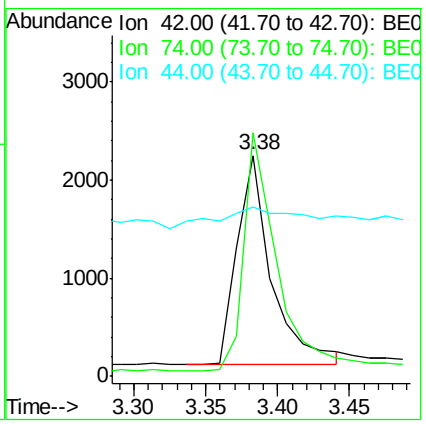


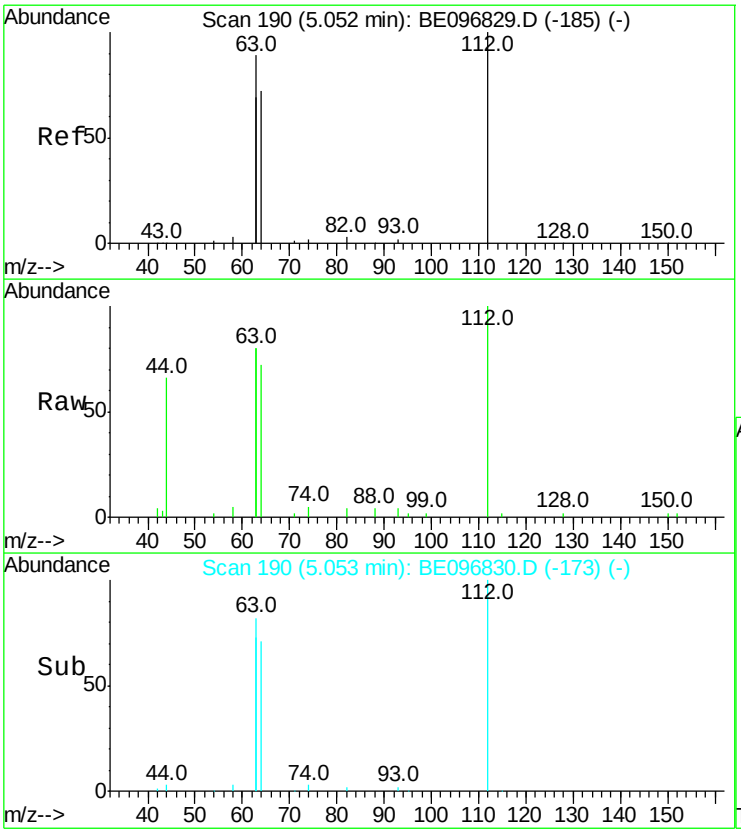
#3
n-Nitrosodimethylamine
Concen: 1.067 ng
RT: 3.38 min Scan# 45
Delta R.T. 0.00 min
Lab File: BE096830.D
Acq: 20 Jun 2018 11:38

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion: 42 Resp: 3516

Ion	Ratio	Lower	Upper
42	100		
74	107.5	96.0	144.0
44	22.7	12.0	18.0#

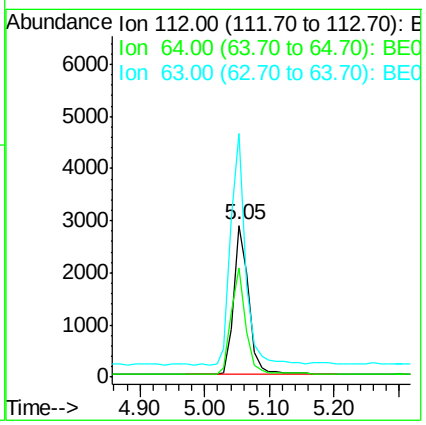


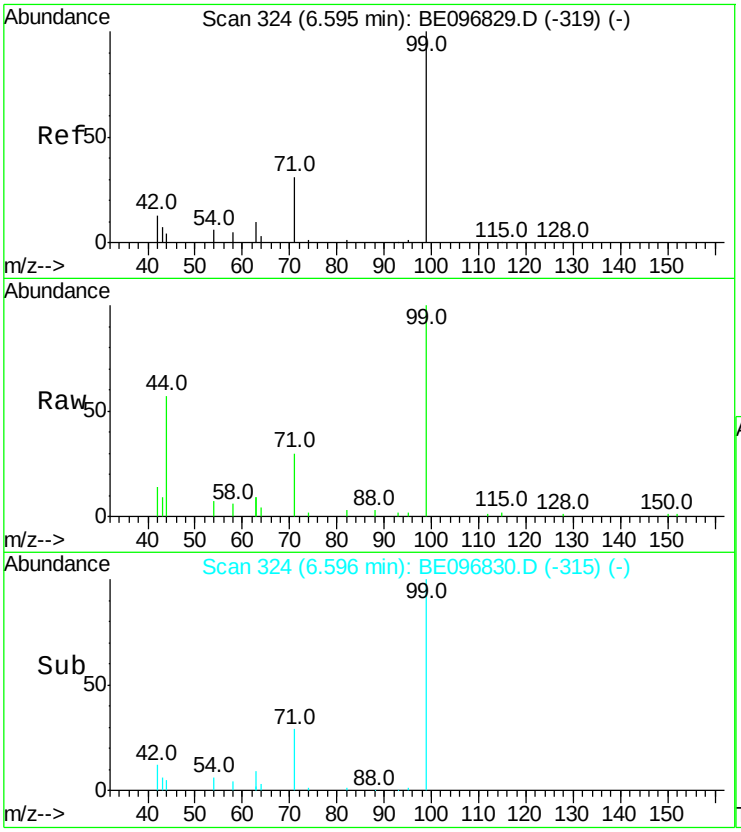


#4
2-Fluorophenol
Concen: 1.075 ng
RT: 5.05 min Scan# 190
Delta R.T. 0.00 min
Lab File: BE096830.D
Acq: 20 Jun 2018 11:38

Tgt Ion:112 Resp: 4535

Ion	Ratio	Lower	Upper
112	100		
64	69.2	60.1	90.1
63	151.2	116.8	175.2



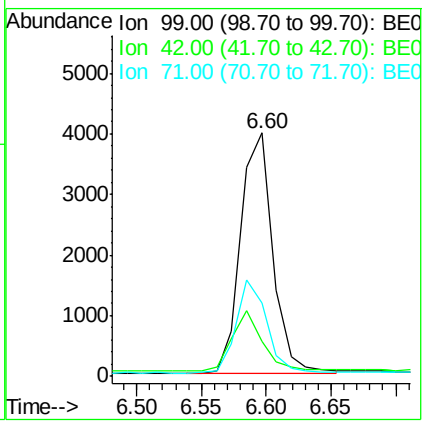


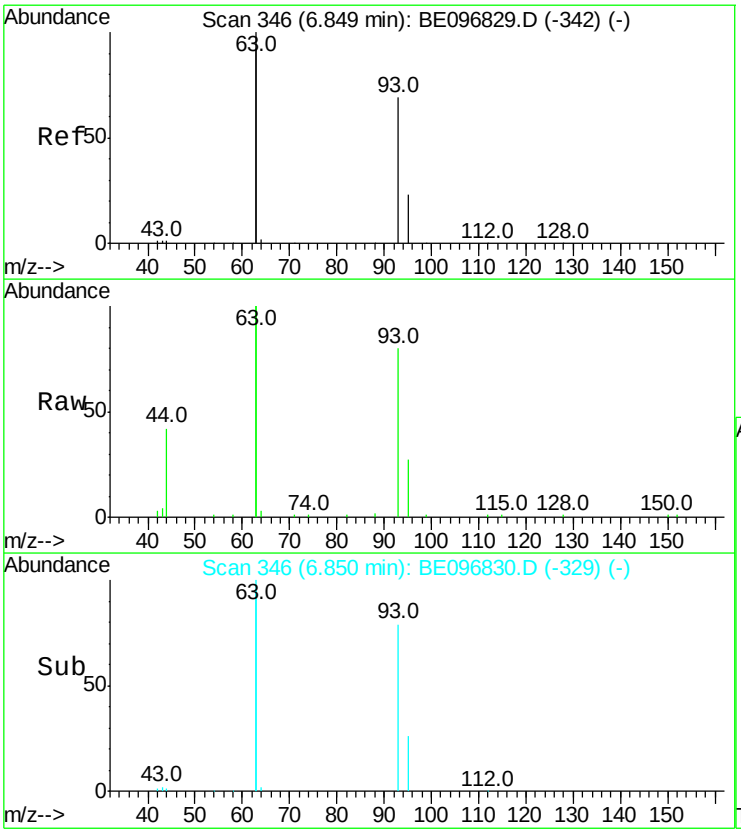
#5
Phenol-d6
Concen: 1.092 ng
RT: 6.60 min Scan# 324
Delta R.T. 0.00 min
Lab File: BE096830.D
Acq: 20 Jun 2018 11:38

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion: 99 Resp: 6906

Ion	Ratio	Lower	Upper
99	100		
42	23.6	20.2	30.2
71	36.2	28.4	42.6

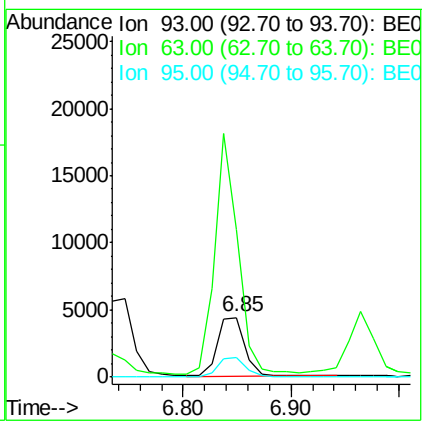


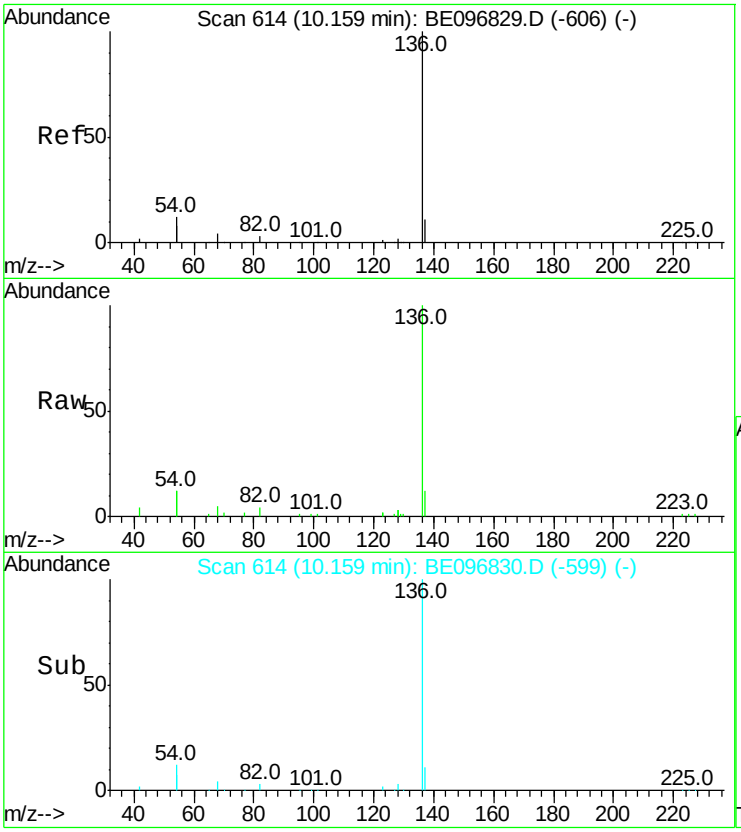


#6
bis(2-Chloroethyl)ether
Concen: 1.026 ng
RT: 6.85 min Scan# 346
Delta R.T. 0.00 min
Lab File: BE096830.D
Acq: 20 Jun 2018 11:38

Tgt Ion: 93 Resp: 7652

Ion	Ratio	Lower	Upper
93	100		
63	345.1	275.3	412.9
95	32.2	25.2	37.8



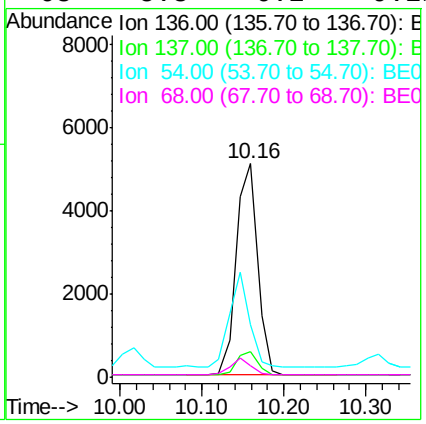


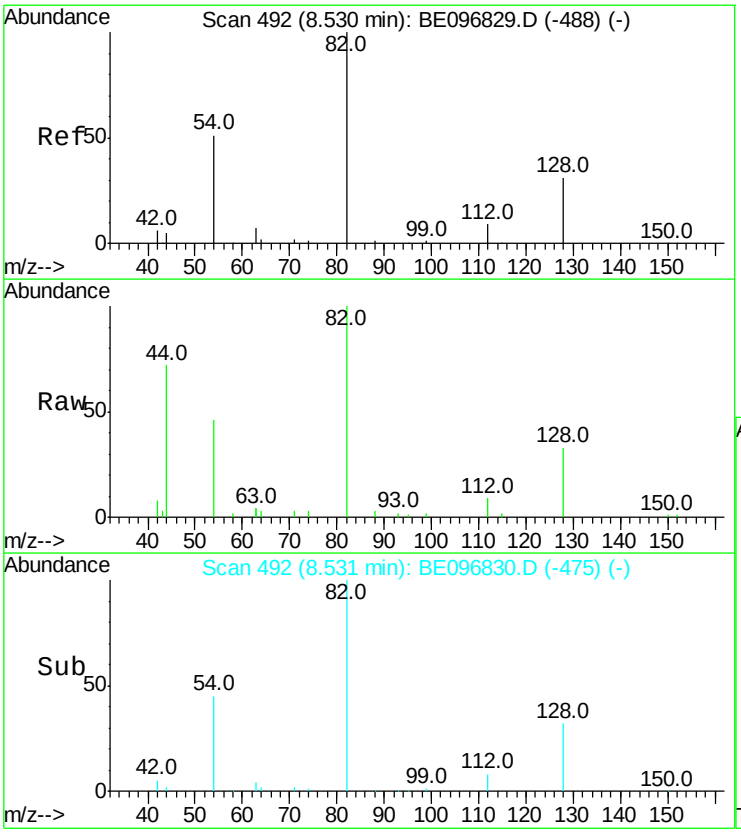
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.16 min Scan# 614
Delta R.T. 0.00 min
Lab File: BE096830.D
Acq: 20 Jun 2018 11:38

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:136 Resp: 9258

Ion	Ratio	Lower	Upper
136	100		
137	11.9	9.5	14.3
54	24.6	29.1	43.7#
68	5.3	6.2	9.2#

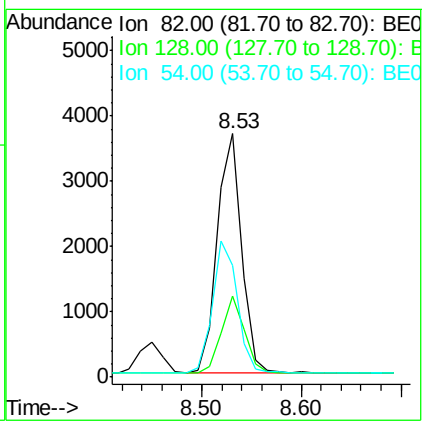


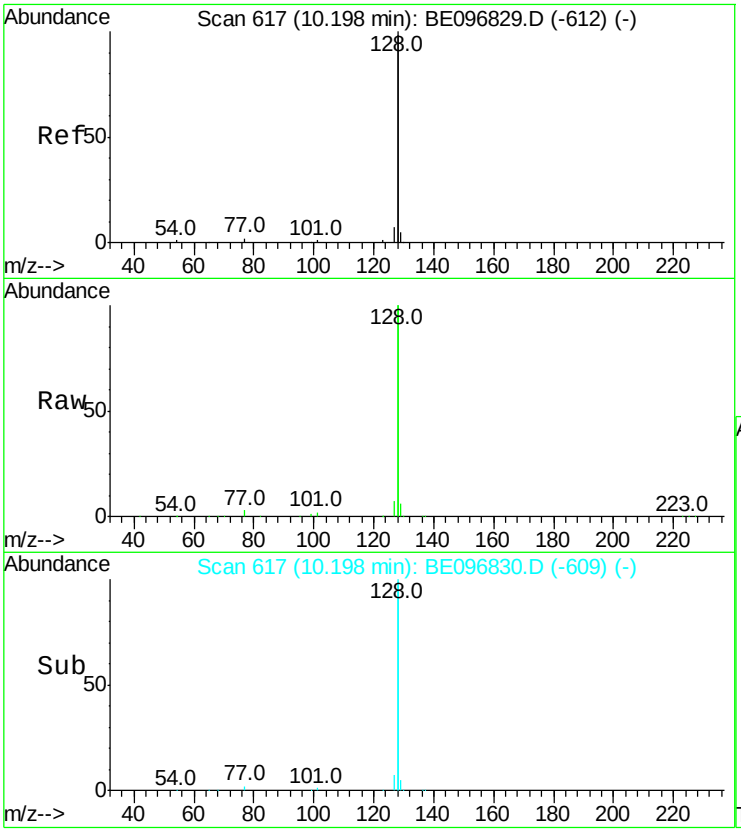


#8
Nitrobenzene-d5
Concen: 1.203 ng
RT: 8.53 min Scan# 492
Delta R.T. 0.00 min
Lab File: BE096830.D
Acq: 20 Jun 2018 11:38

Tgt Ion: 82 Resp: 6193

Ion	Ratio	Lower	Upper
82	100		
128	33.2	24.0	36.0
54	46.2	40.0	60.0



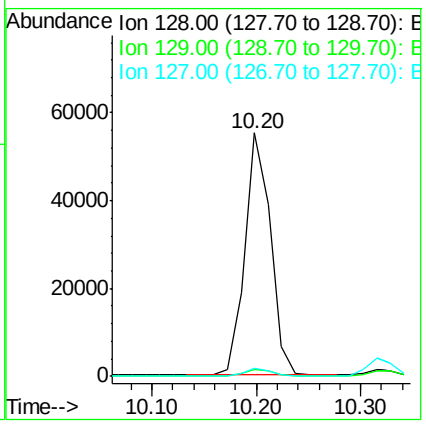


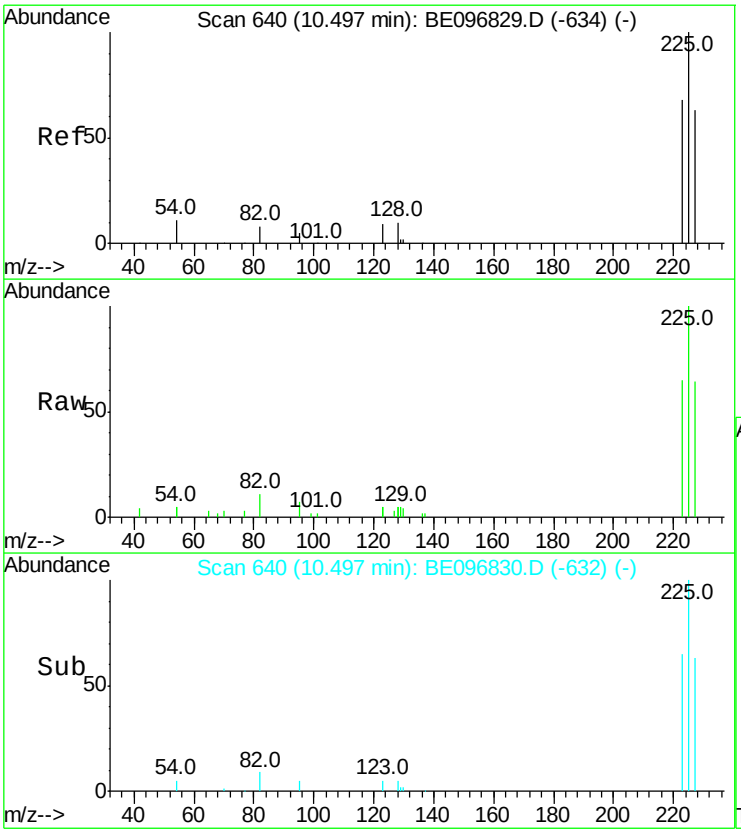
#9
Naphthalene
Concen: 1.040 ng
RT: 10.20 min Scan# 617
Delta R.T. 0.00 min
Lab File: BE096830.D
Acq: 20 Jun 2018 11:38

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:128 Resp: 94573

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

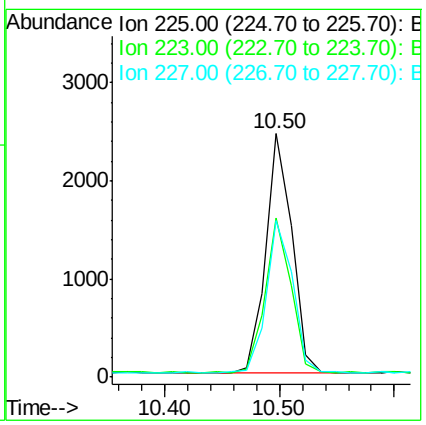


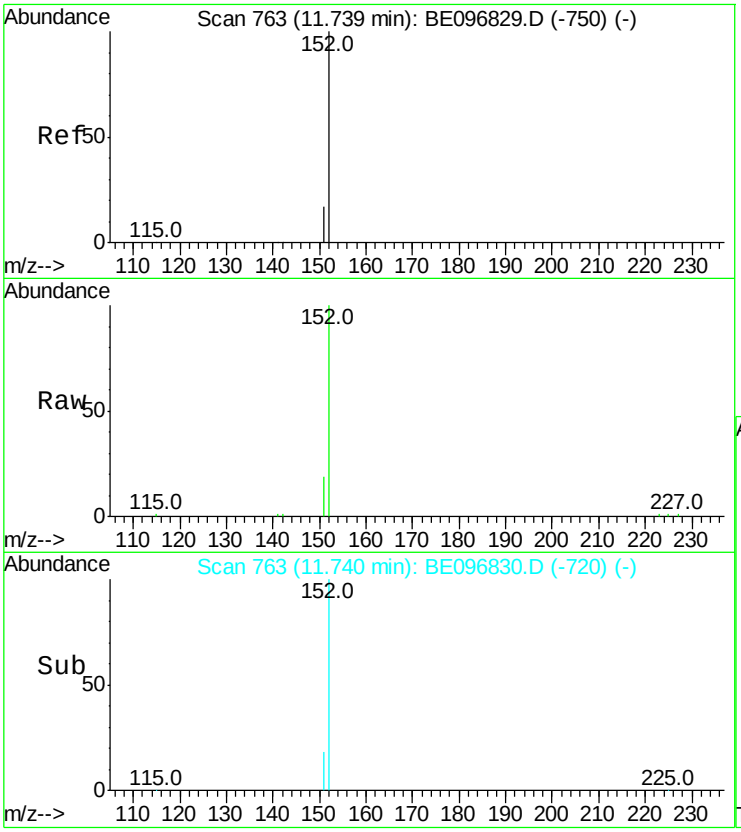


#10
Hexachlorobutadiene
Concen: 1.023 ng
RT: 10.50 min Scan# 640
Delta R.T. 0.00 min
Lab File: BE096830.D
Acq: 20 Jun 2018 11:38

Tgt Ion:225 Resp: 3880

Ion	Ratio	Lower	Upper
225	100		
223	63.8	53.0	79.6
227	64.1	51.4	77.2



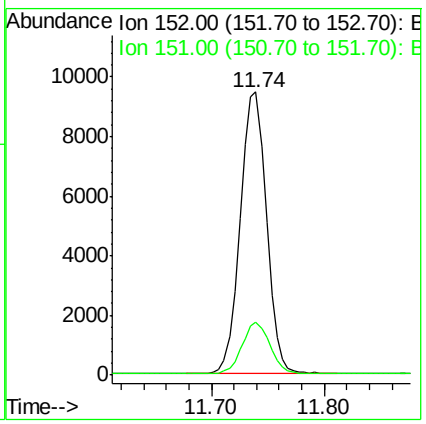


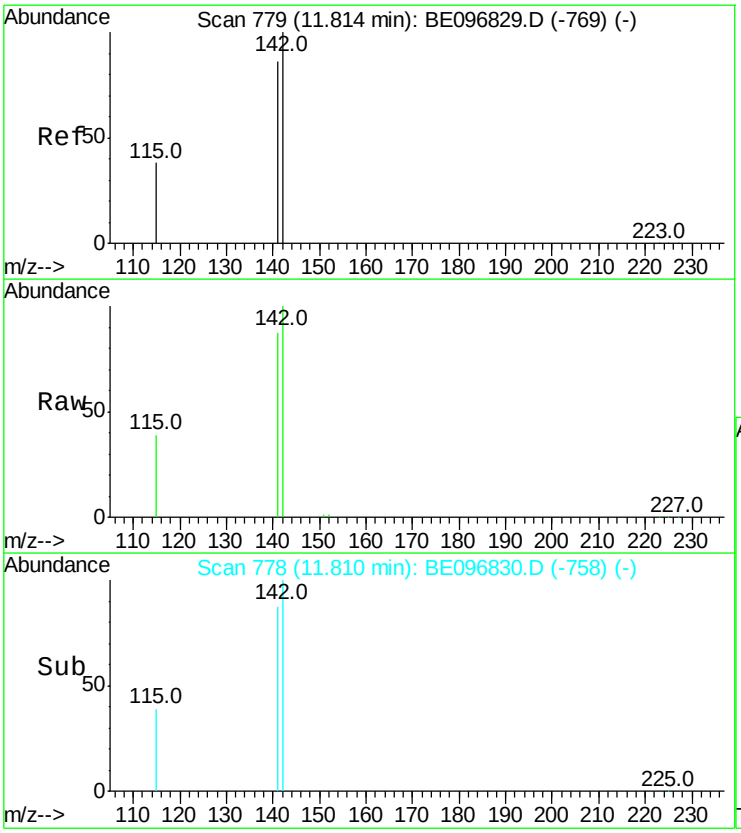
#11
2-Methylnaphthalene-d10
Concen: 1.031 ng
RT: 11.74 min Scan# 763
Delta R.T. 0.00 min
Lab File: BE096830.D
Acq: 20 Jun 2018 11:38

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:152 Resp: 15246

Ion	Ratio	Lower	Upper
152	100		
151	19.3	15.4	23.0

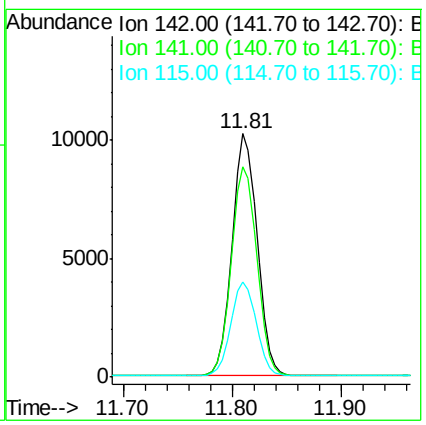


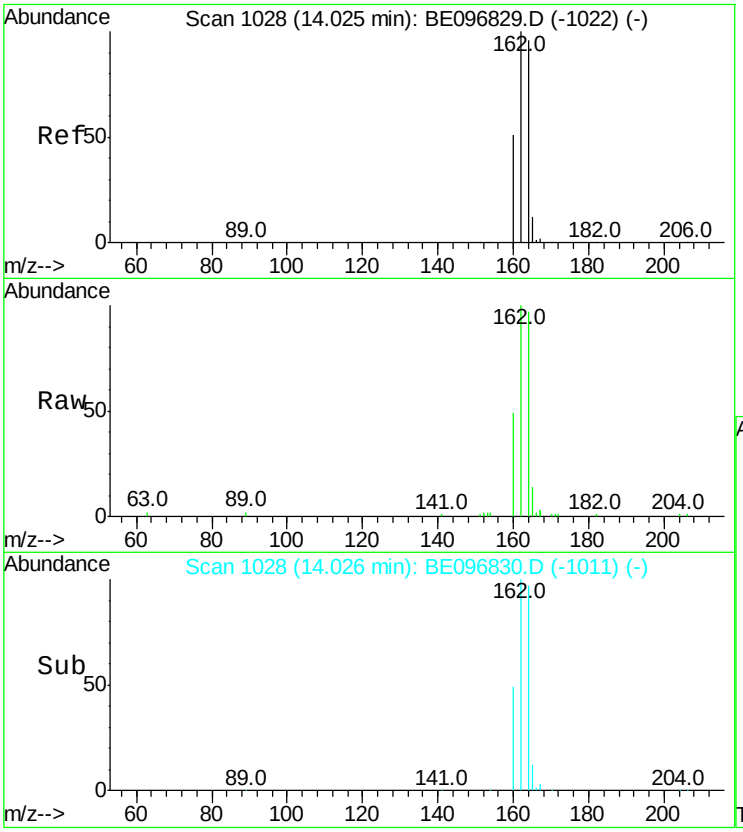


#12
2-Methylnaphthalene
Concen: 1.040 ng
RT: 11.81 min Scan# 778
Delta R.T. -0.00 min
Lab File: BE096830.D
Acq: 20 Jun 2018 11:38

Tgt Ion:142 Resp: 15868

Ion	Ratio	Lower	Upper
142	100		
141	86.6	70.4	105.6
115	38.9	31.7	47.5



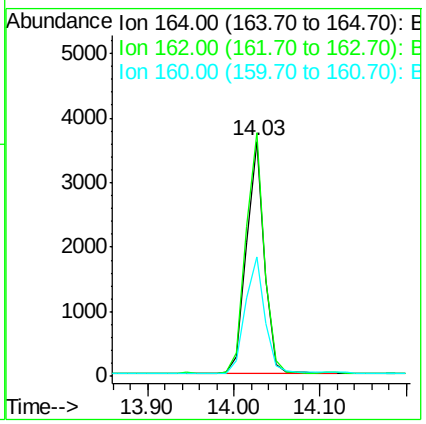


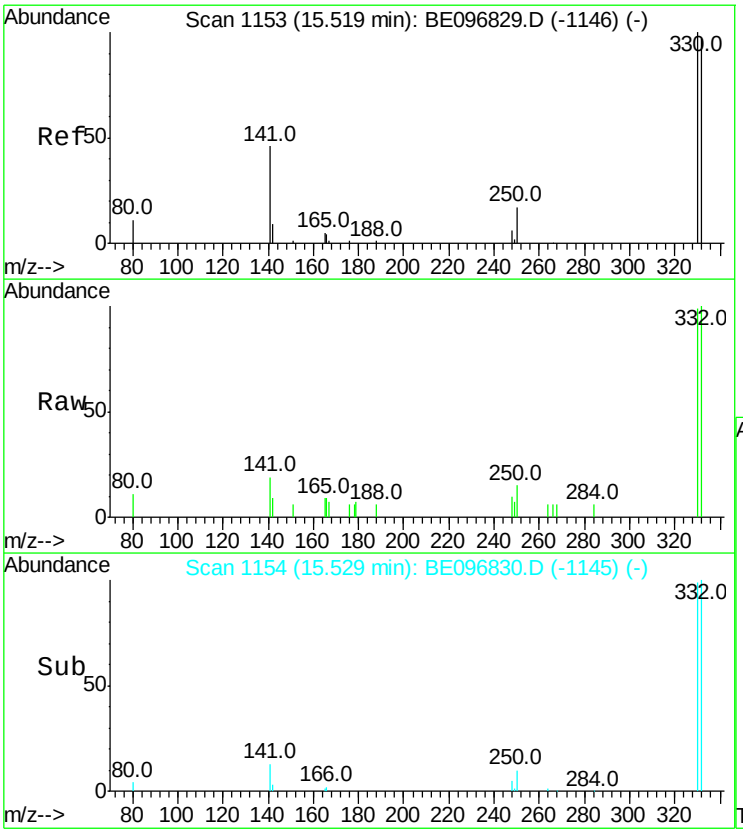
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.03 min Scan# 1028
Delta R.T. 0.00 min
Lab File: BE096830.D
Acq: 20 Jun 2018 11:38

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:164 Resp: 5189

Ion	Ratio	Lower	Upper
164	100		
162	103.6	83.1	124.7
160	51.0	37.1	55.7

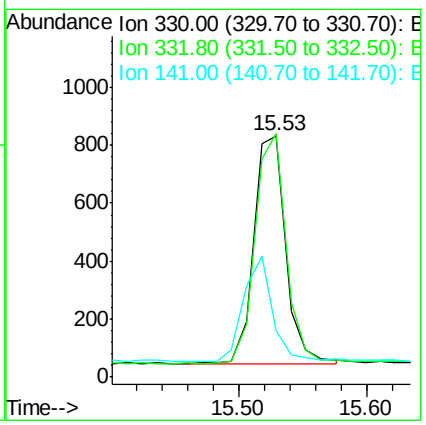


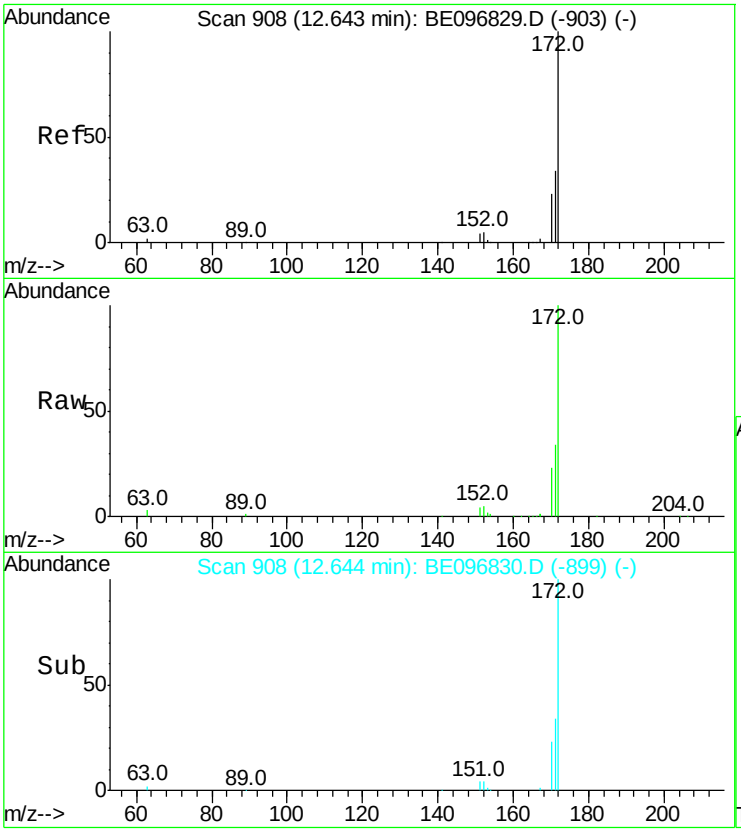


#14
2,4,6-Tribromophenol
Concen: 1.276 ng
RT: 15.53 min Scan# 1154
Delta R.T. 0.01 min
Lab File: BE096830.D
Acq: 20 Jun 2018 11:38

Tgt Ion:330 Resp: 1369

Ion	Ratio	Lower	Upper
330	100		
332	98.2	152.7	229.1#
141	41.1	33.7	50.5



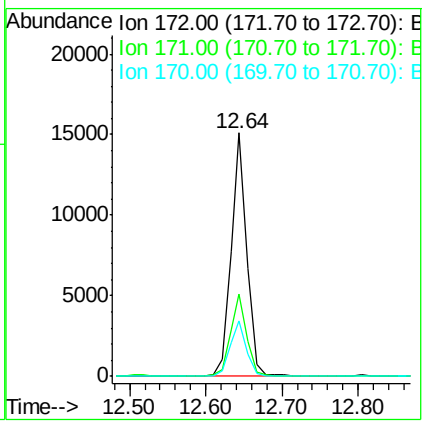


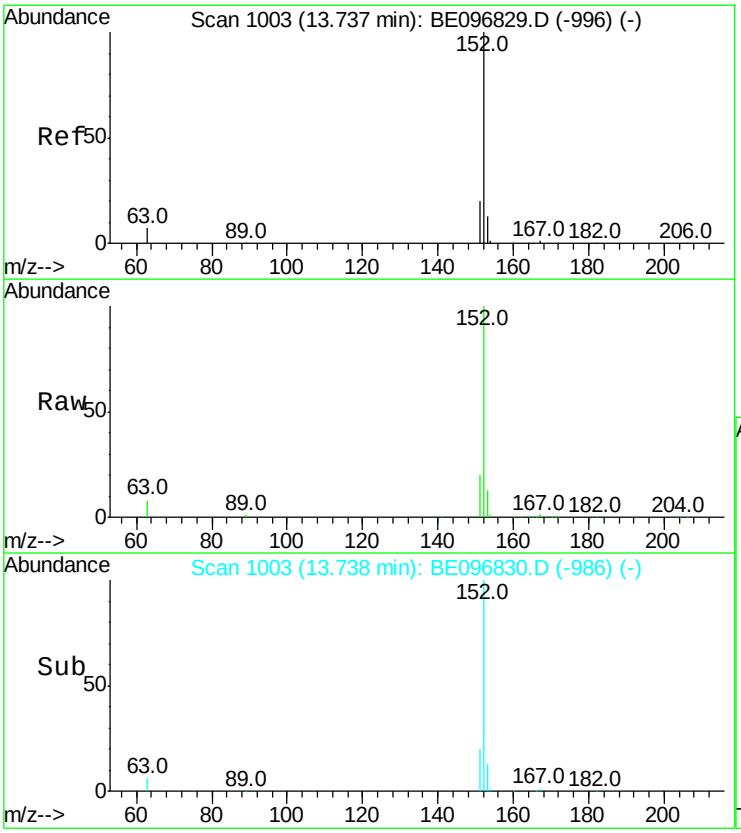
#15
2-Fluorobiphenyl
Concen: 1.015 ng
RT: 12.64 min Scan# 908
Delta R.T. 0.00 min
Lab File: BE096830.D
Acq: 20 Jun 2018 11:38

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:172 Resp: 21655

Ion	Ratio	Lower	Upper
172	100		
171	33.8	29.9	44.9
170	22.9	21.8	32.8

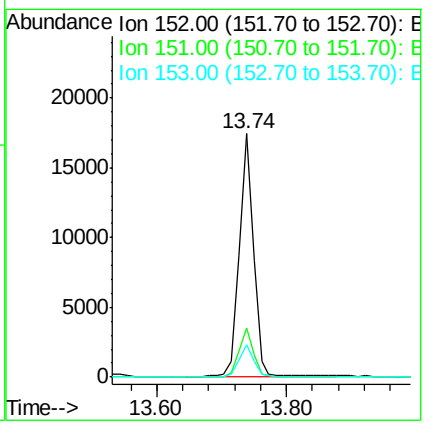


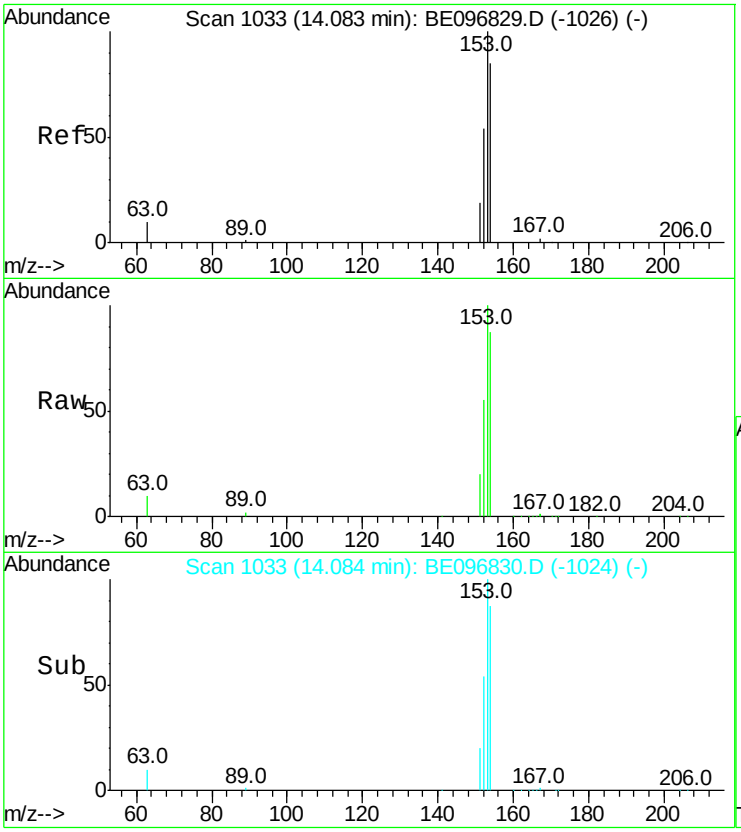


#16
Acenaphthylene
Concen: 1.060 ng
RT: 13.74 min Scan# 1003
Delta R.T. 0.00 min
Lab File: BE096830.D
Acq: 20 Jun 2018 11:38

Tgt Ion:152 Resp: 25955

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



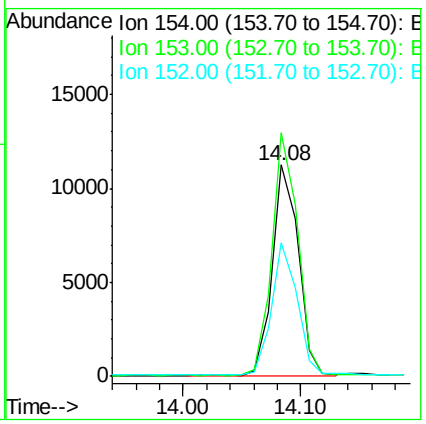


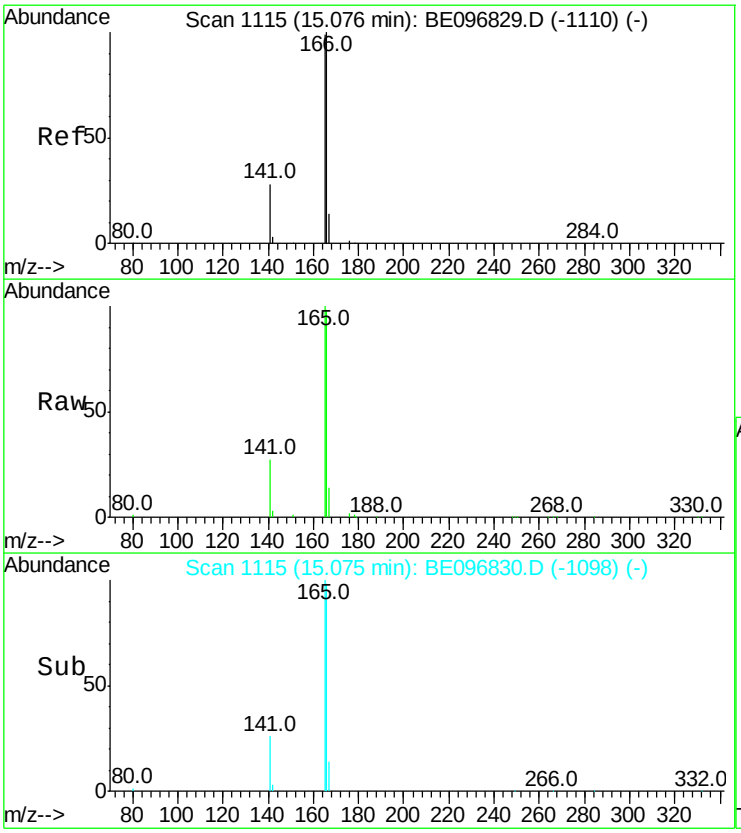
#17
Acenaphthene
Concen: 1.033 ng
RT: 14.08 min Scan# 1033
Delta R.T. 0.00 min
Lab File: BE096830.D
Acq: 20 Jun 2018 11:38

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:154 Resp: 16997

Ion	Ratio	Lower	Upper
154	100		
153	114.4	89.2	133.8
152	62.4	42.0	63.0

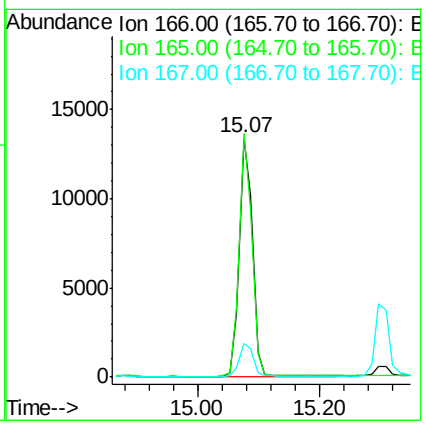


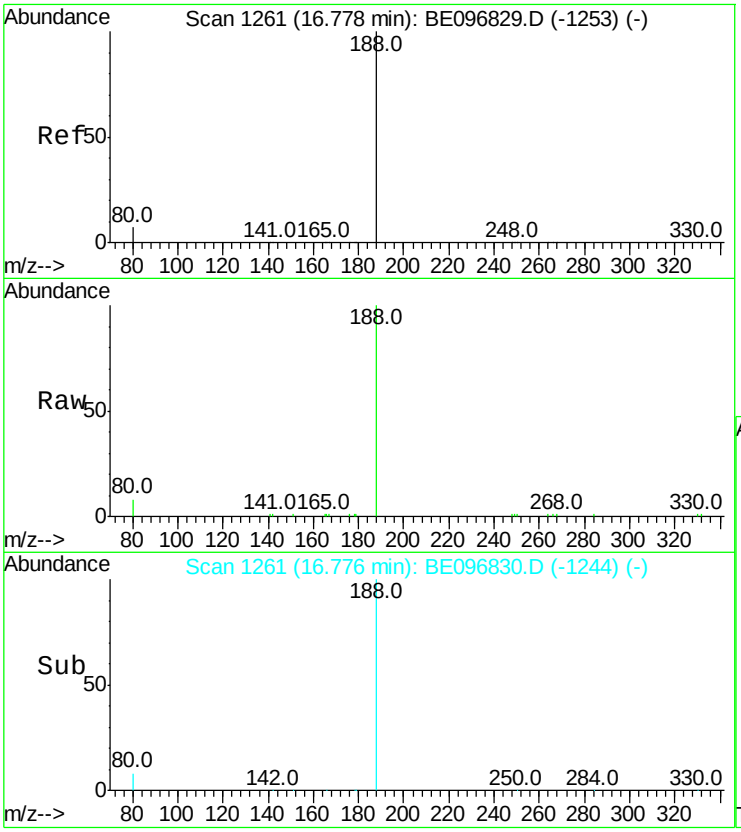


#18
Fluorene
Concen: 1.039 ng
RT: 15.07 min Scan# 1115
Delta R.T. -0.00 min
Lab File: BE096830.D
Acq: 20 Jun 2018 11:38

Tgt Ion:166 Resp: 20221

Ion	Ratio	Lower	Upper
166	100		
165	99.0	77.8	116.6
167	14.4	42.4	63.6#



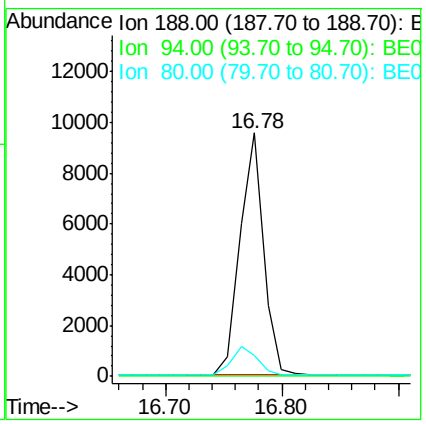


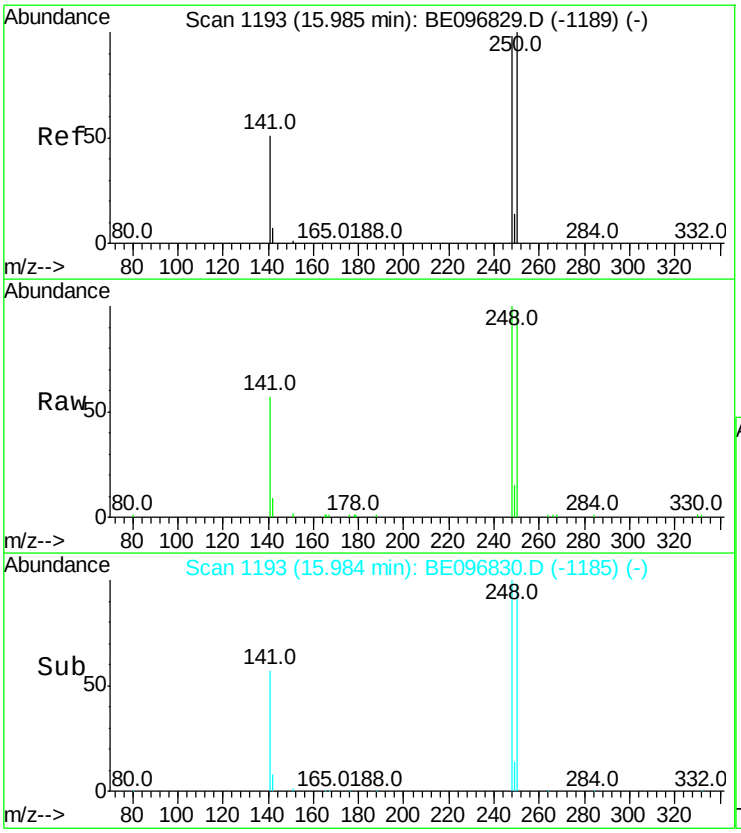
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.78 min Scan# 1261
Delta R.T. -0.00 min
Lab File: BE096830.D
Acq: 20 Jun 2018 11:38

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:188 Resp: 13504

Ion	Ratio	Lower	Upper
188	100		
94	0.0	3.9	5.9#
80	8.5	3.6	5.4#

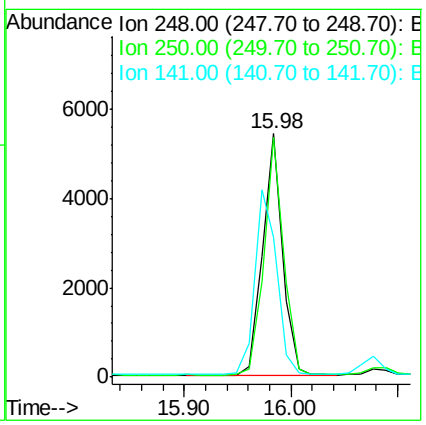


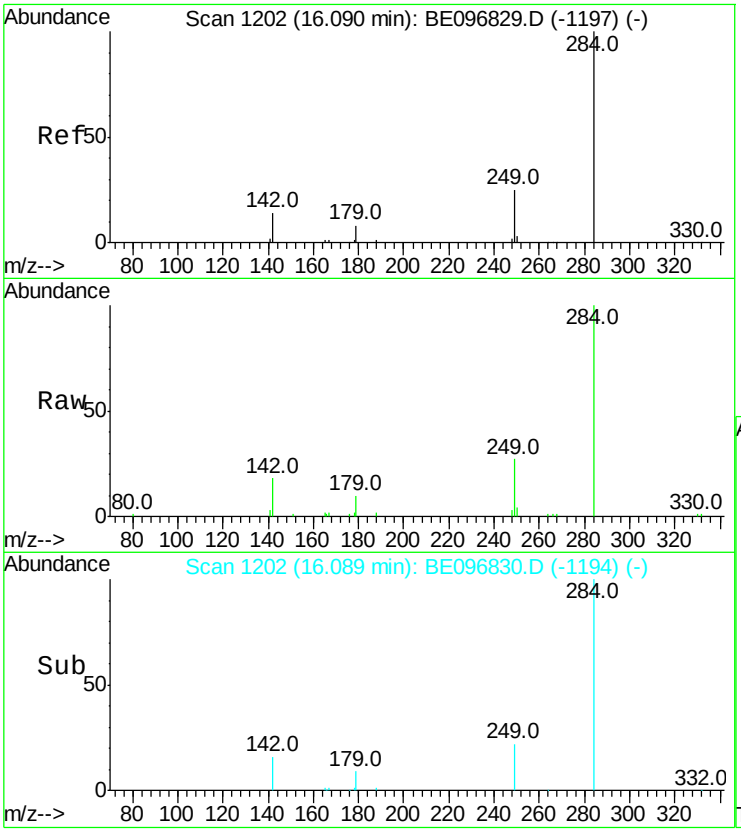


#20
4-Bromophenyl-phenylether
Concen: 1.064 ng
RT: 15.98 min Scan# 1193
Delta R.T. -0.00 min
Lab File: BE096830.D
Acq: 20 Jun 2018 11:38

Tgt Ion:248 Resp: 7005

Ion	Ratio	Lower	Upper
248	100		
250	98.5	62.7	94.1#
141	57.2	48.2	72.2



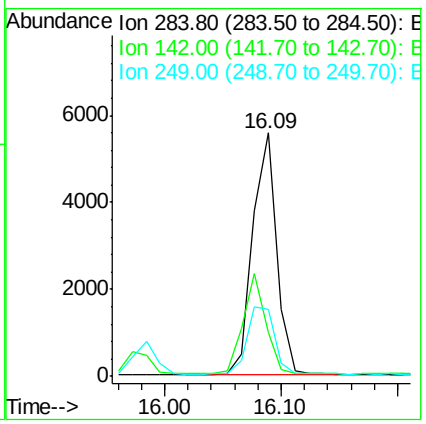


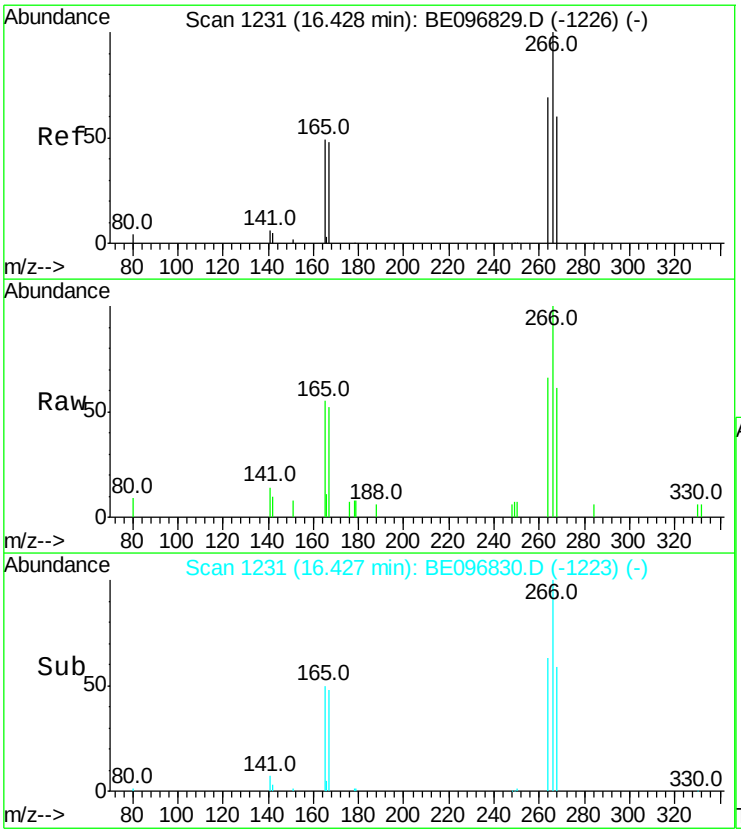
#21
Hexachlorobenzene
Concen: 1.030 ng
RT: 16.09 min Scan# 1202
Delta R.T. -0.00 min
Lab File: BE096830.D
Acq: 20 Jun 2018 11:38

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:284 Resp: 7963

Ion	Ratio	Lower	Upper
284	100		
142	39.7	22.1	33.1#
249	32.0	34.8	52.2#

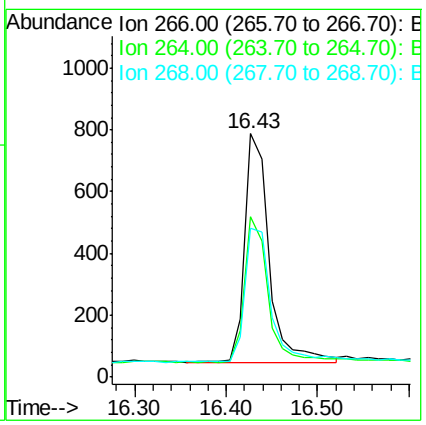


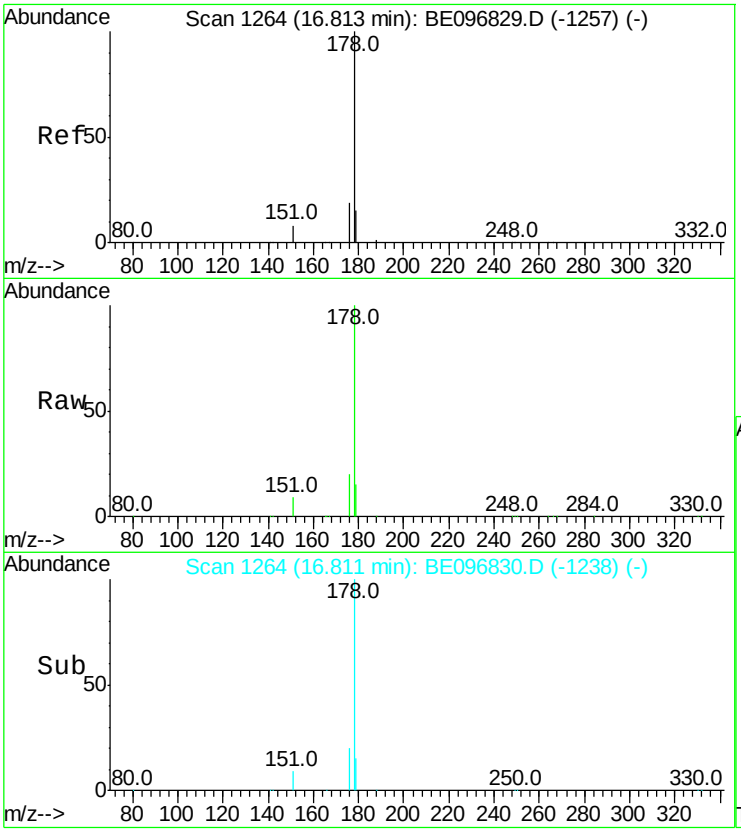


#22
Pentachlorophenol
Concen: 1.141 ng
RT: 16.43 min Scan# 1231
Delta R.T. -0.00 min
Lab File: BE096830.D
Acq: 20 Jun 2018 11:38

Tgt Ion:266 Resp: 1371

Ion	Ratio	Lower	Upper
266	100		
264	65.7	72.5	108.7#
268	61.3	73.8	110.6#



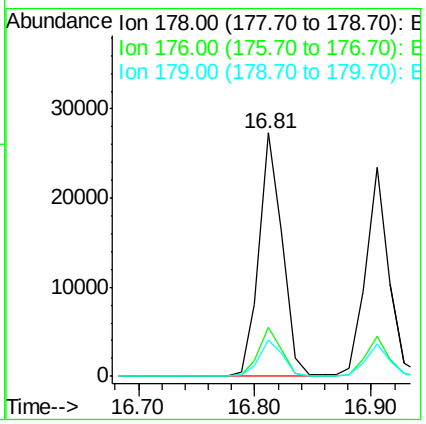


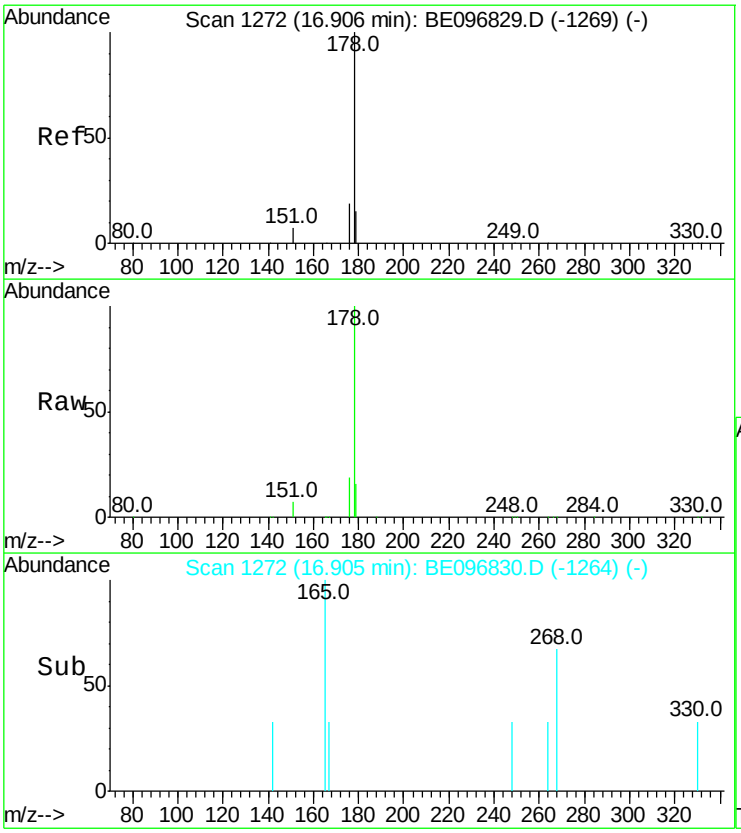
#23
Phenanthrene
Concen: 1.036 ng
RT: 16.81 min Scan# 1264
Delta R.T. -0.00 min
Lab File: BE096830.D
Acq: 20 Jun 2018 11:38

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:178 Resp: 38043

Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.1	22.7
179	15.2	11.8	17.6

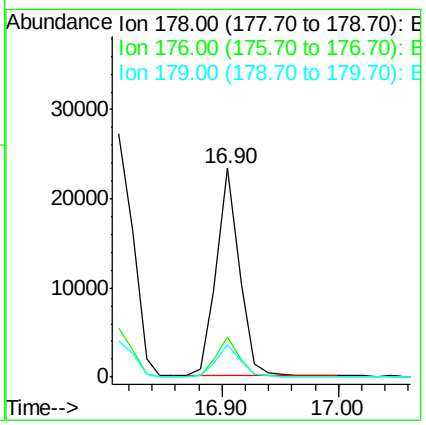


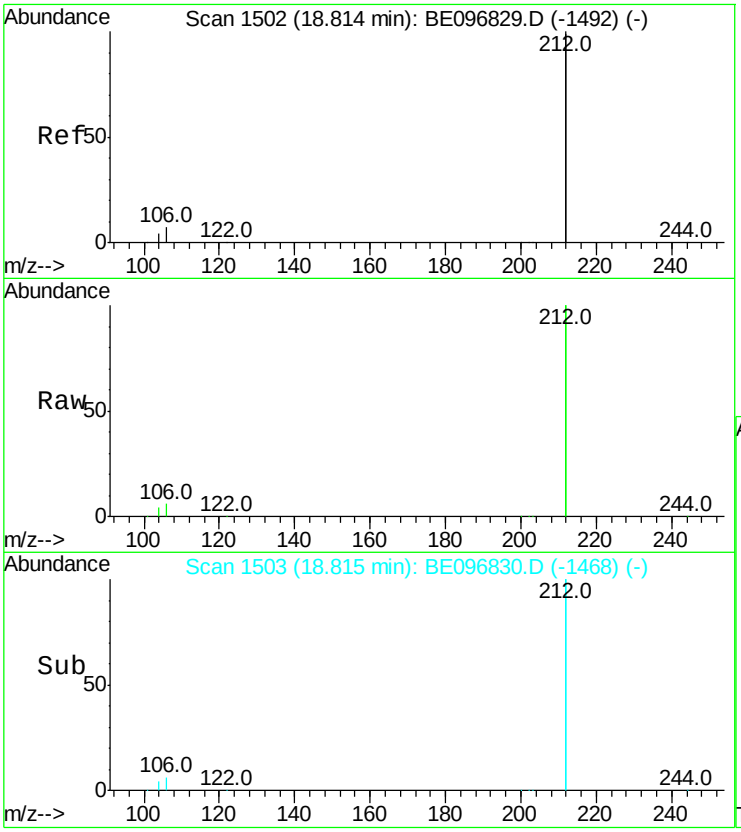


#24
Anthracene
Concen: 1.066 ng
RT: 16.90 min Scan# 1272
Delta R.T. -0.00 min
Lab File: BE096830.D
Acq: 20 Jun 2018 11:38

Tgt Ion:178 Resp: 32109

Ion	Ratio	Lower	Upper
178	100		
176	18.9	12.8	19.2
179	15.6	13.0	19.6



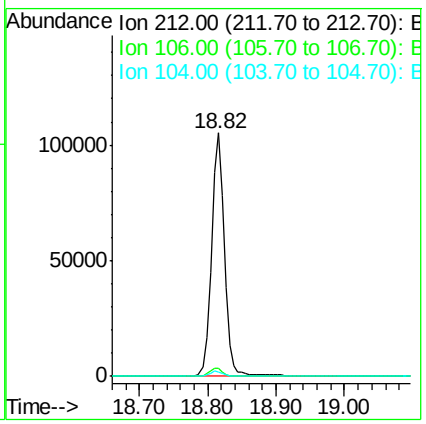


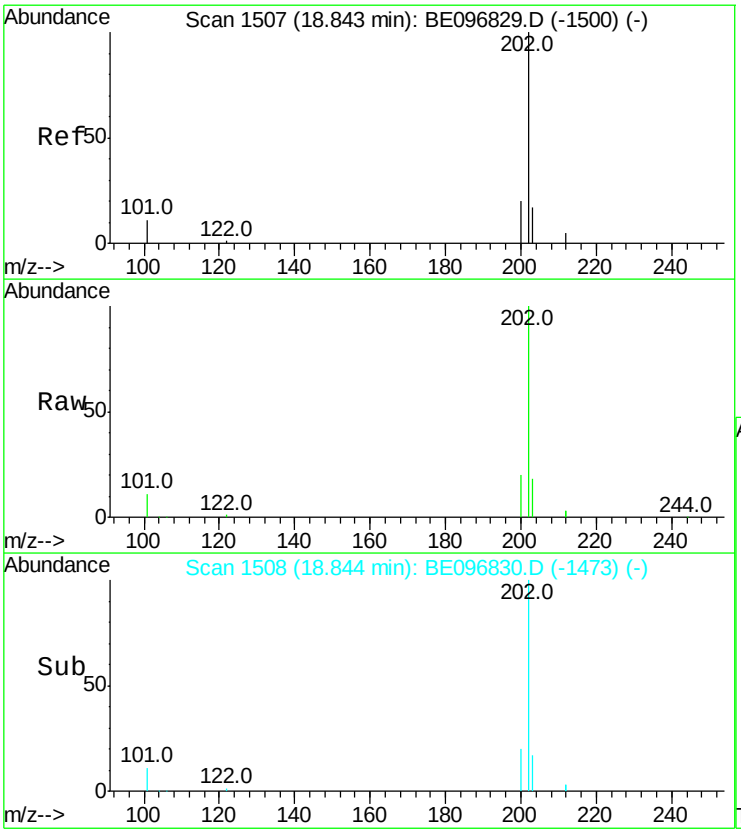
#25
Fluoranthene-d10
Concen: 1.050 ng
RT: 18.82 min Scan# 1503
Delta R.T. 0.00 min
Lab File: BE096830.D
Acq: 20 Jun 2018 11:38

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:212 Resp: 138768

Ion	Ratio	Lower	Upper
212	100		
106	3.5	2.8	4.2
104	2.0	1.6	2.4

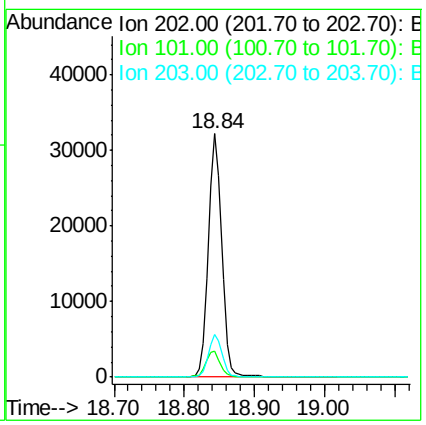


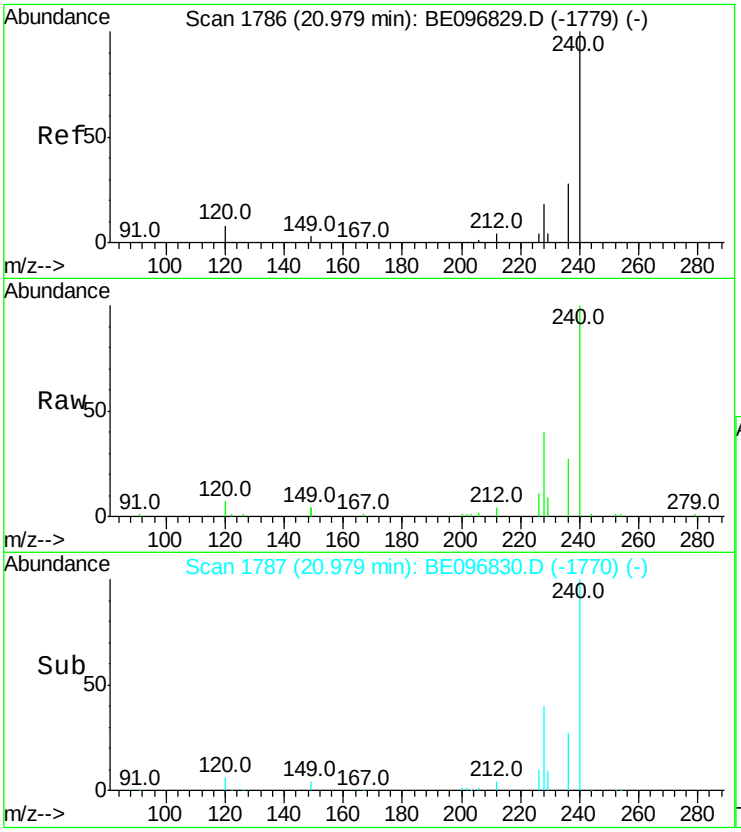


#26
Fluoranthene
Concen: 1.087 ng
RT: 18.84 min Scan# 1508
Delta R.T. 0.00 min
Lab File: BE096830.D
Acq: 20 Jun 2018 11:38

Tgt Ion:202 Resp: 42217

Ion	Ratio	Lower	Upper
202	100		
101	11.4	9.8	14.8
203	17.5	13.7	20.5



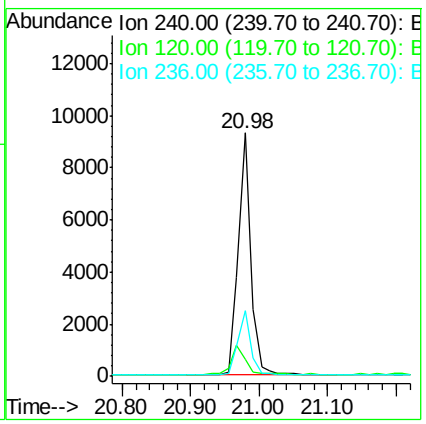


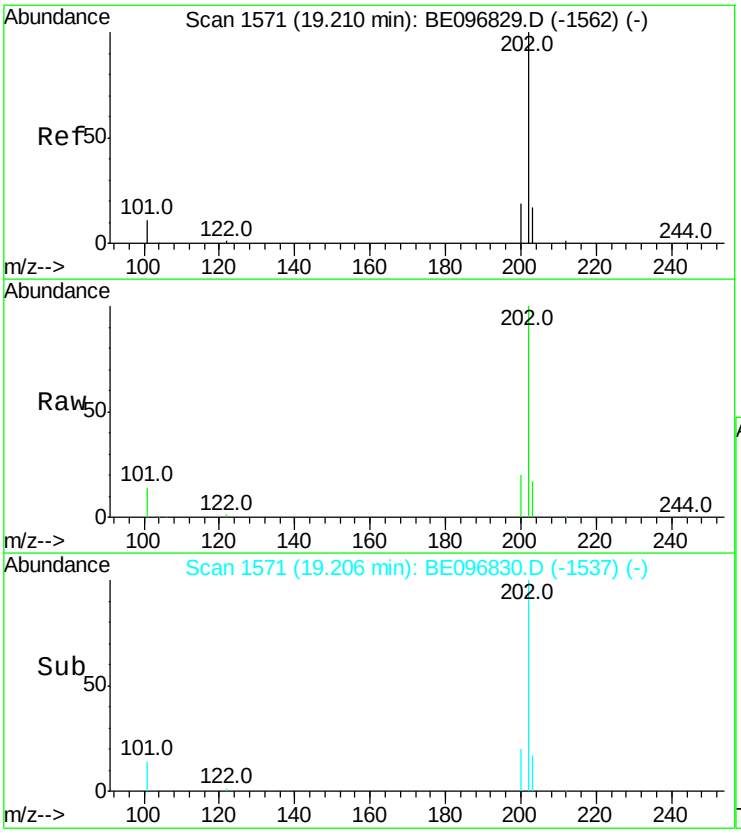
#27
Chrysene-d12
Concen: 0.400 ng
RT: 20.98 min Scan# 1787
Delta R.T. 0.00 min
Lab File: BE096830.D
Acq: 20 Jun 2018 11:38

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:240 Resp: 11967

Ion	Ratio	Lower	Upper
240	100		
120	6.8	5.5	8.3
236	27.1	20.7	31.1

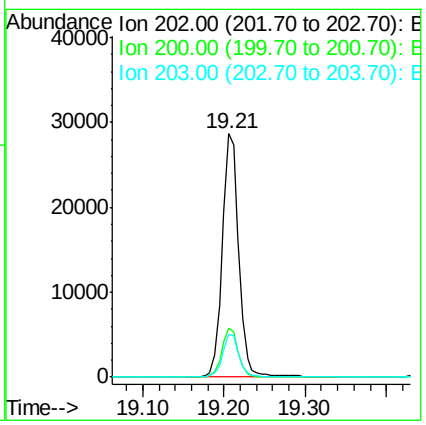


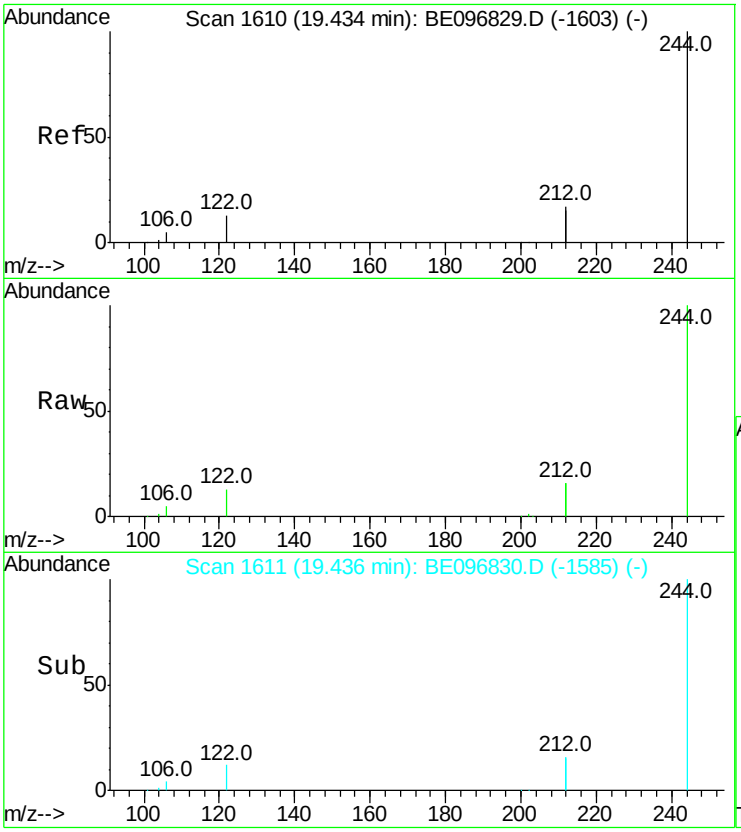


#28
Pyrene
Concen: 1.008 ng
RT: 19.21 min Scan# 1571
Delta R.T. -0.00 min
Lab File: BE096830.D
Acq: 20 Jun 2018 11:38

Tgt Ion:202 Resp: 39615

Ion	Ratio	Lower	Upper
202	100		
200	19.9	16.6	25.0
203	17.5	13.8	20.8



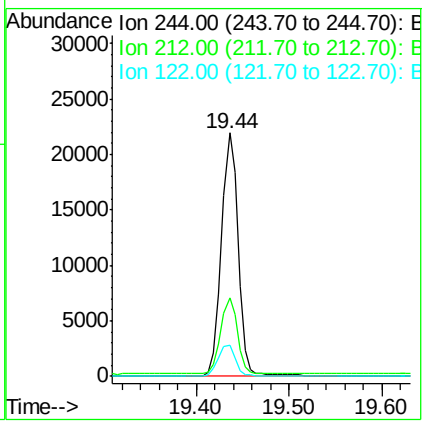


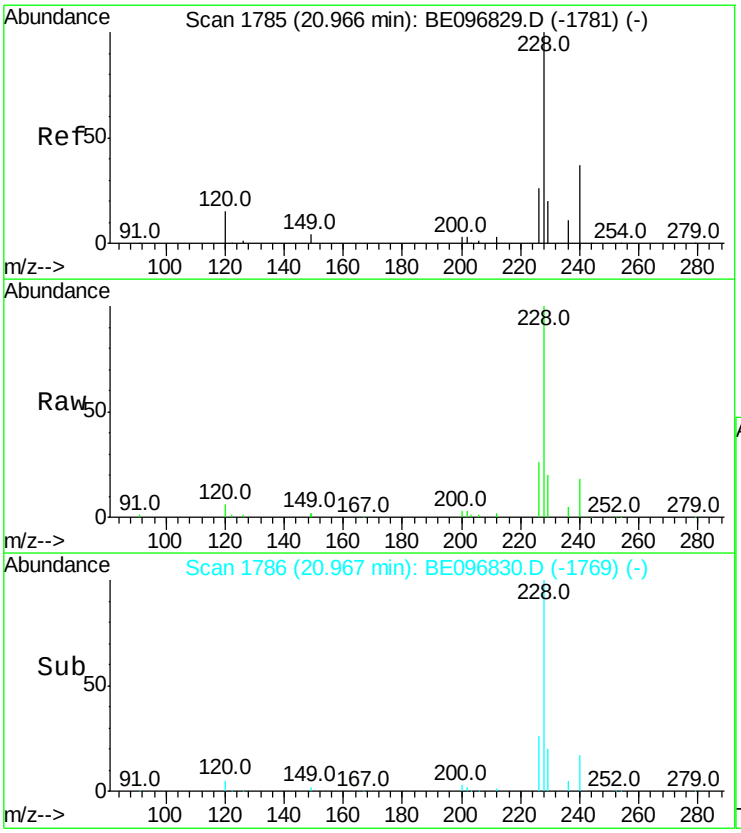
#29
Terphenyl-d14
Concen: 0.998 ng
RT: 19.44 min Scan# 1611
Delta R.T. 0.00 min
Lab File: BE096830.D
Acq: 20 Jun 2018 11:38

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:244 Resp: 27057

Ion	Ratio	Lower	Upper
244	100		
212	32.1	25.4	38.0
122	12.7	8.1	12.1#

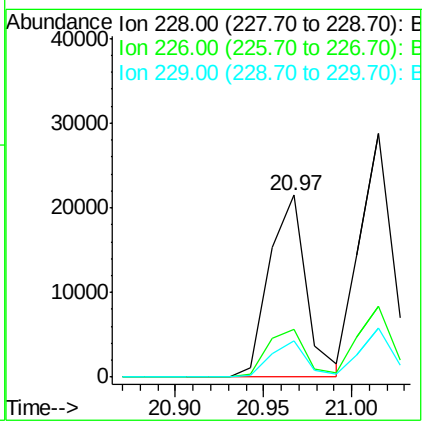


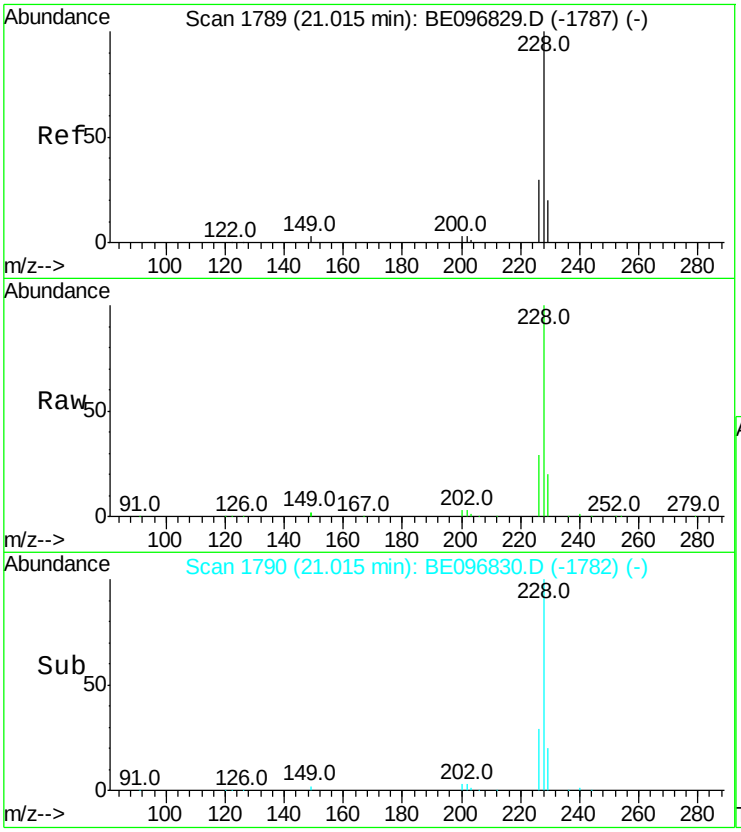


#30
Benzo(a)anthracene
Concen: 1.076 ng
RT: 20.97 min Scan# 1786
Delta R.T. 0.00 min
Lab File: BE096830.D
Acq: 20 Jun 2018 11:38

Tgt Ion:228 Resp: 31226

Ion	Ratio	Lower	Upper
228	100		
226	26.1	24.0	36.0
229	19.8	16.0	24.0



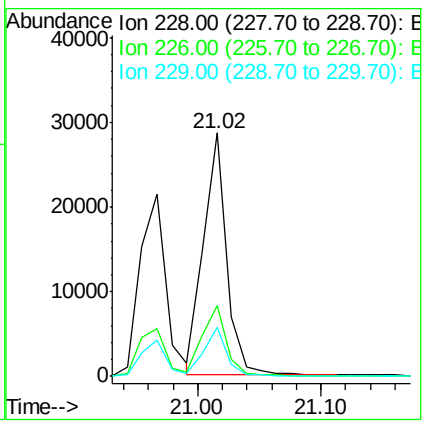


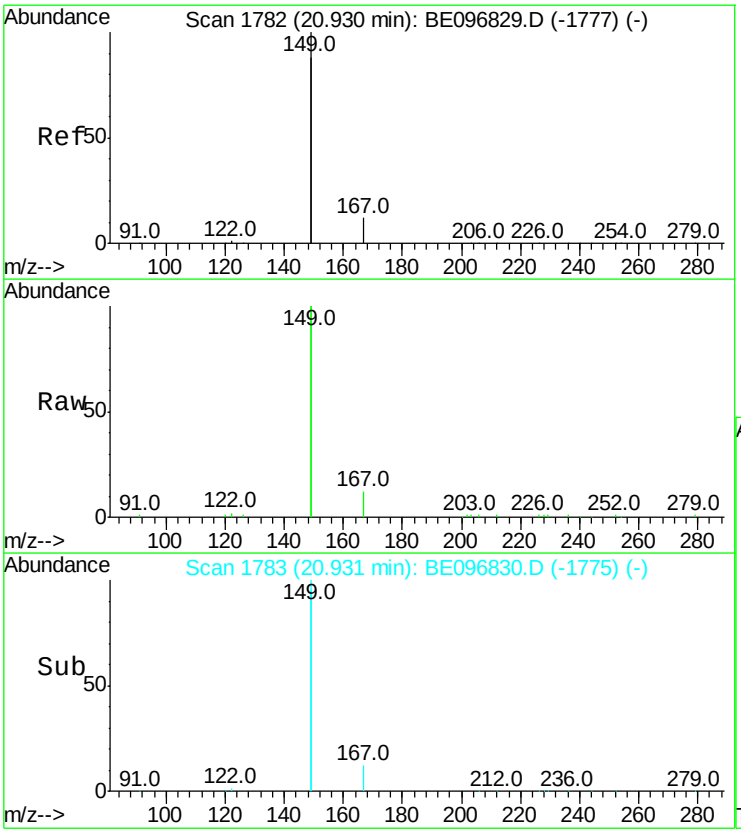
#31
Chrysene
Concen: 1.022 ng
RT: 21.02 min Scan# 1790
Delta R.T. 0.00 min
Lab File: BE096830.D
Acq: 20 Jun 2018 11:38

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:228 Resp: 37348

Ion	Ratio	Lower	Upper
228	100		
226	29.3	24.0	36.0
229	20.0	16.0	24.0

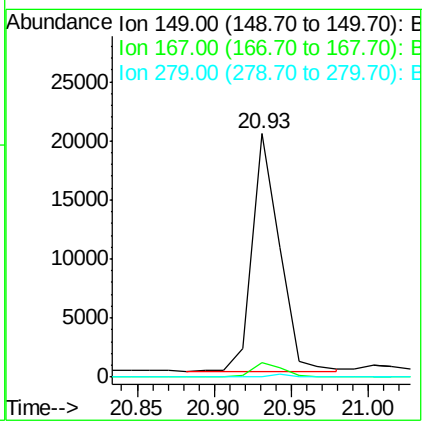


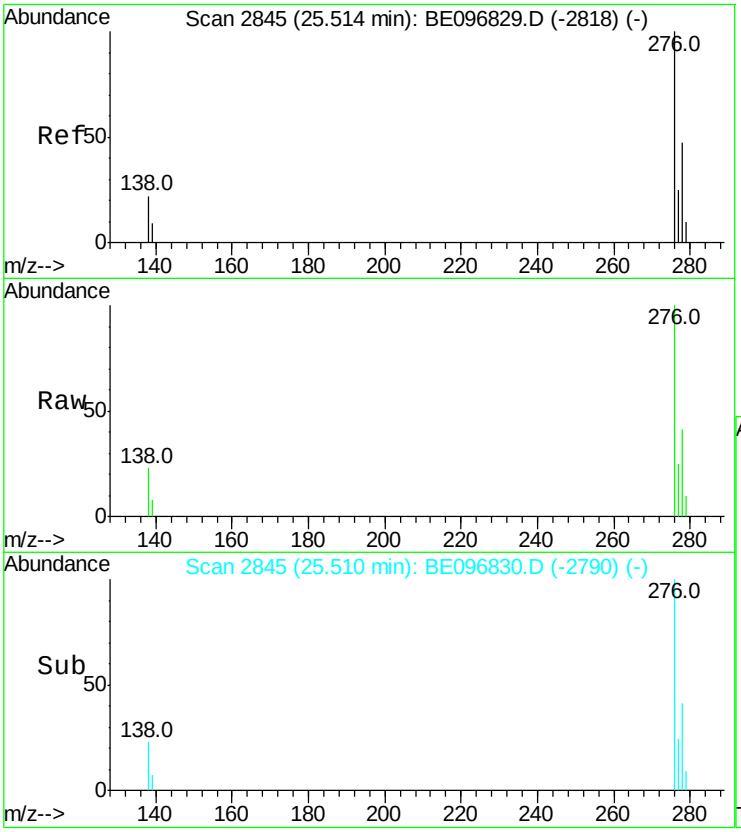


#32
Bis(2-ethylhexyl)phthalate
Concen: 1.129 ng
RT: 20.93 min Scan# 1783
Delta R.T. 0.00 min
Lab File: BE096830.D
Acq: 20 Jun 2018 11:38

Tgt Ion:149 Resp: 24604

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



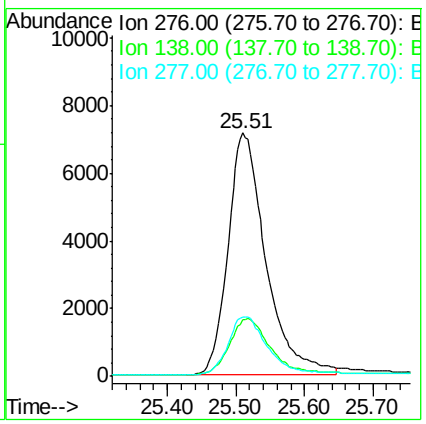


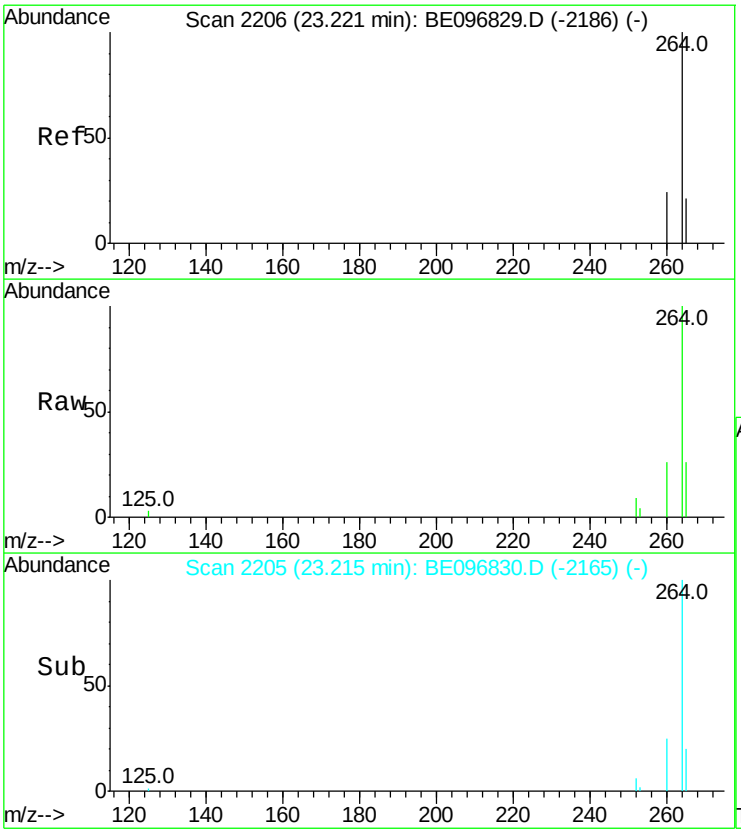
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.999 ng
RT: 25.51 min Scan# 2845
Delta R.T. -0.00 min
Lab File: BE096830.D
Acq: 20 Jun 2018 11:38

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:276 Resp: 27399

Ion	Ratio	Lower	Upper
276	100		
138	25.1	22.5	33.7
277	25.7	19.9	29.9

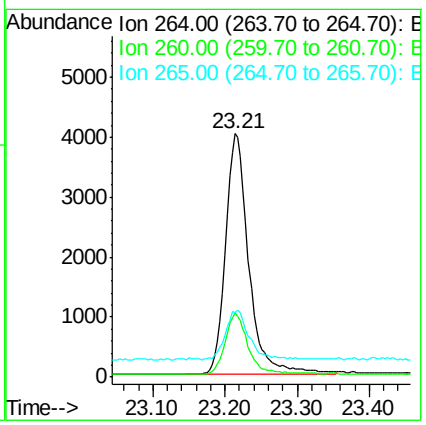


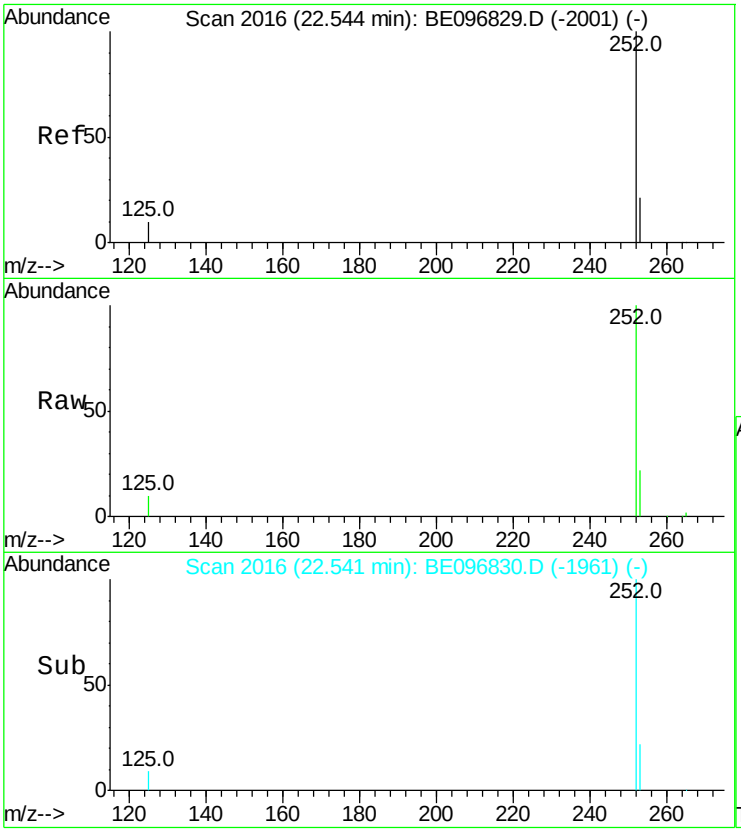


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.21 min Scan# 2205
Delta R.T. -0.01 min
Lab File: BE096830.D
Acq: 20 Jun 2018 11:38

Tgt Ion:264 Resp: 8804

Ion	Ratio	Lower	Upper
264	100		
260	26.3	20.5	30.7
265	26.4	22.8	34.2



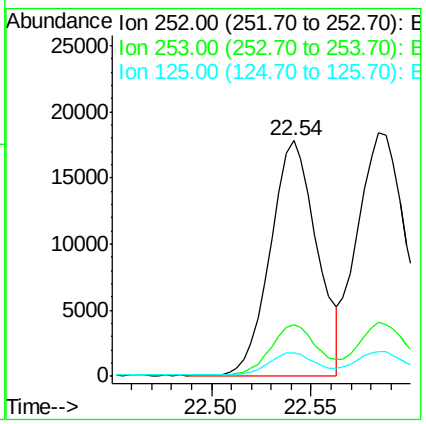


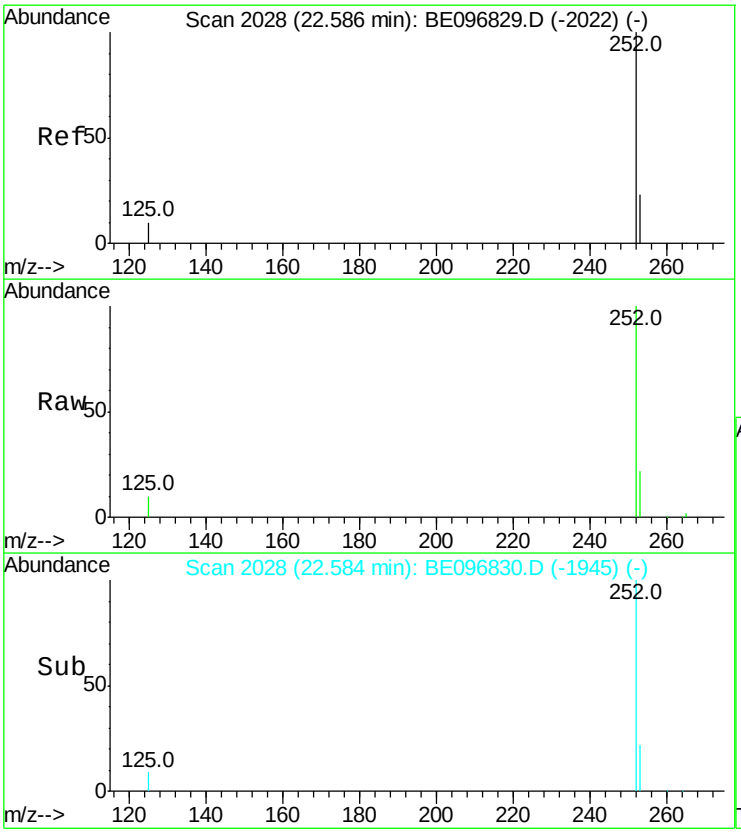
#35
Benzo(b)fluoranthene
Concen: 1.184 ng
RT: 22.54 min Scan# 2016
Delta R.T. -0.00 min
Lab File: BE096830.D
Acq: 20 Jun 2018 11:38

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:252 Resp: 28652

Ion	Ratio	Lower	Upper
252	100		
253	22.2	20.0	30.0
125	9.9	16.0	24.0#

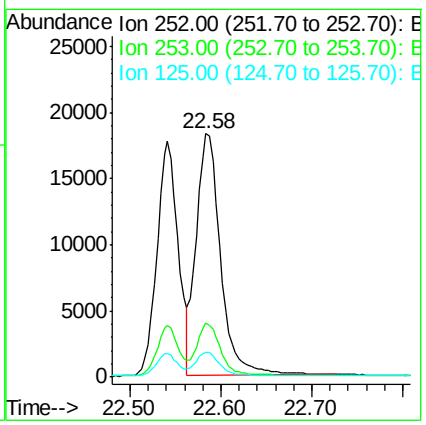


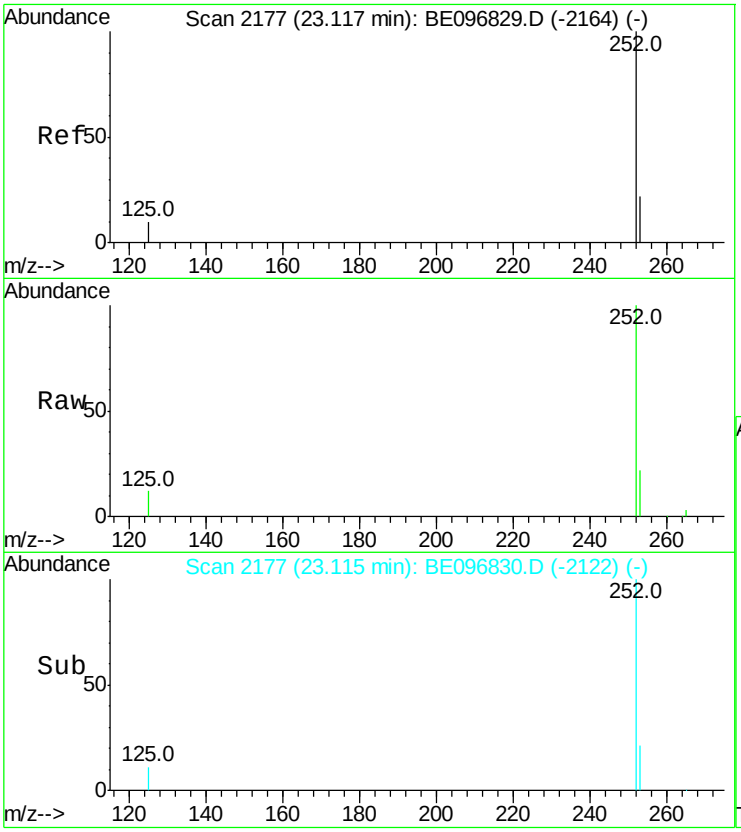


#36
Benzo(k)fluoranthene
Concen: 1.172 ng
RT: 22.58 min Scan# 2028
Delta R.T. -0.00 min
Lab File: BE096830.D
Acq: 20 Jun 2018 11:38

Tgt Ion:252 Resp: 33736

Ion	Ratio	Lower	Upper
252	100		
253	22.0	16.0	24.0
125	9.9	8.0	12.0



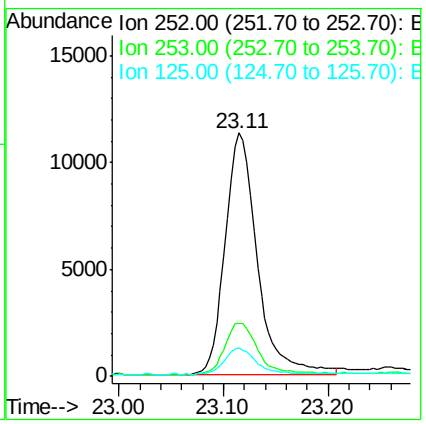


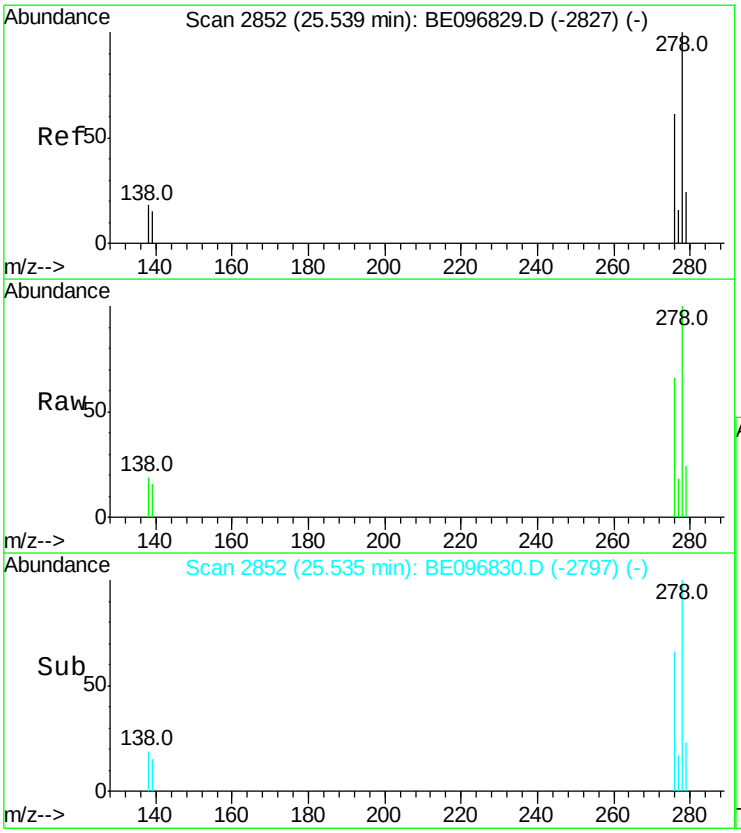
#37
Benzo(a)pyrene
Concen: 1.137 ng
RT: 23.11 min Scan# 2177
Delta R.T. -0.00 min
Lab File: BE096830.D
Acq: 20 Jun 2018 11:38

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:252 Resp: 23893

Ion	Ratio	Lower	Upper
252	100		
253	21.7	16.0	24.0
125	11.6	12.0	18.0#

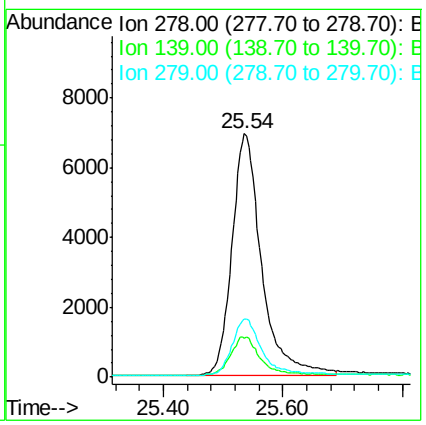


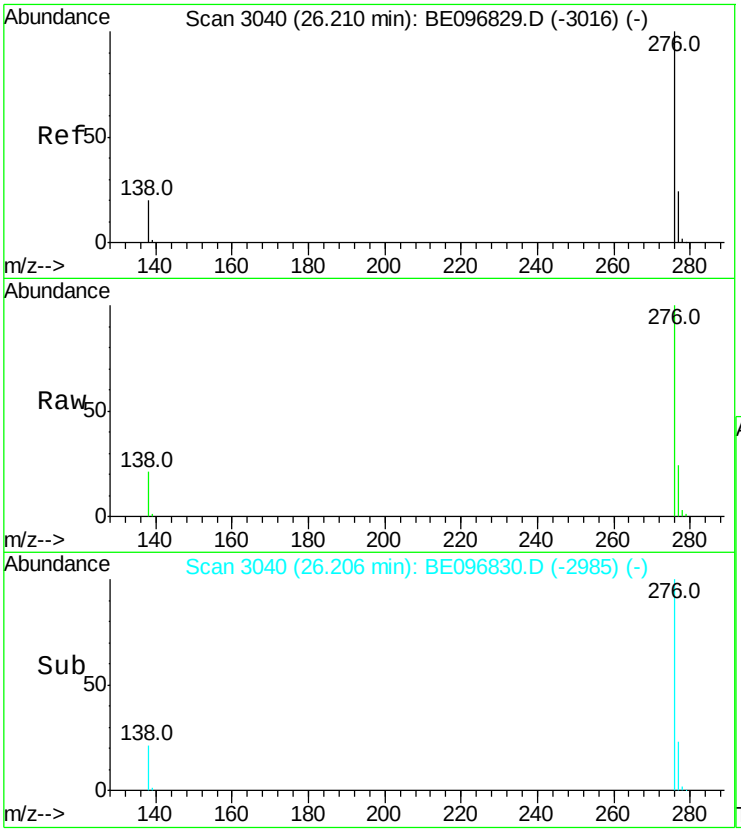


#38
Dibenzo(a,h)anthracene
Concen: 1.182 ng
RT: 25.54 min Scan# 2852
Delta R.T. -0.00 min
Lab File: BE096830.D
Acq: 20 Jun 2018 11:38

Tgt Ion:278 Resp: 23825

Ion	Ratio	Lower	Upper
278	100		
139	16.1	16.0	24.0
279	24.0	20.0	30.0





#39
Benzo(g,h,i)perylene
Concen: 1.134 ng
RT: 26.21 min Scan# 3040
Delta R.T. -0.00 min
Lab File: BE096830.D
Acq: 20 Jun 2018 11:38

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:276 Resp: 25302

Ion	Ratio	Lower	Upper
276	100		
277	23.6	16.0	24.0
138	21.4	20.0	30.0