Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE071618\
Data File : BE096937.D
Acq On : 16 Jul 2018 13:37
Operator : SJ/JU
Sample : SSTDICC0.4
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId :

Quant Time: Jul 17 16:41:06 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE071618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 17 15:02:56 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.40	152	2193	0.40	ng		0.00
7) Naphthalene-d8	10.15	136	11920	0.40	ng		0.00
13) Acenaphthene-d10	14.03	164	6308	0.40	ng		0.00
19) Phenanthrene-d10	16.78	188	14805	0.40	ng		0.00
27) Chrysene-d12	20.98	240	11921	0.40	ng		0.00
34) Perylene-d12	23.21	264	9854	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.05	112	1847	0.35	ng		0.00
5) Phenol-d6	6.60	99	2926	0.37	ng		0.00
8) Nitrobenzene-d5	8.53	82	3227	0.37	ng		0.00
11) 2-Methylnaphthalene-d10	11.73	152	6578	0.38	ng		0.00
14) 2,4,6-Tribromophenol	15.52	330	523	0.39	ng		0.00
15) 2-Fluorobiphenyl	12.64	172	9173	0.39	ng		0.00
25) Fluoranthene-d10	18.81	212	47413	0.37	ng		0.00
29) Terphenyl-d14	19.43	244	8748	0.38	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.09	88	1211	0.386	ng	#	87
3) n-Nitrosodimethylamine	3.38	42	1328	0.376	ng		93
6) bis(2-Chloroethyl)ether	6.84	93	3030	0.386	ng		96
9) Naphthalene	10.20	128	40615	0.381	ng		100
10) Hexachlorobutadiene	10.50	225	1641	0.380	ng		97
12) 2-Methylnaphthalene	11.81	142	6906	0.382	ng		100
16) Acenaphthylene	13.74	152	11062	0.384	ng		100
17) Acenaphthene	14.08	154	6855	0.383	ng	#	92
18) Fluorene	15.08	166	7608	0.378	ng	#	80
20) 4-Bromophenyl-phenylether	15.98	248	2643	0.377	ng	#	79
21) Hexachlorobenzene	16.09	284	2997	0.385	ng	#	80
22) Pentachlorophenol	16.44	266	450	0.406	ng	#	75
23) Phenanthrene	16.81	178	13537	0.382	ng		99
24) Anthracene	16.90	178	11503	0.373	ng		95
26) Fluoranthene	18.84	202	13986	0.374	ng		99
28) Pyrene	19.21	202	13573	0.386	ng		98
30) Benzo(a)anthracene	20.97	228	10367	0.365	ng		96
31) Chrysene	21.01	228	12393	0.389	ng		98
32) Bis(2-ethylhexyl)phthalate	20.93	149	9835	0.347	ng		100
33) Indeno(1,2,3-cd)pyrene	25.51	276	8248	0.356	ng	#	79
35) Benzo(b)fluoranthene	22.54	252	9349	0.372	ng	#	88
36) Benzo(k)fluoranthene	22.58	252	11444	0.383	ng		95
37) Benzo(a)pyrene	23.12	252	8124	0.385	ng		95
38) Dibenzo(a,h)anthracene	25.53	278	6475	0.381	ng		97
39) Benzo(g,h,i)perylene	26.21	276	7390	0.361	ng	#	93

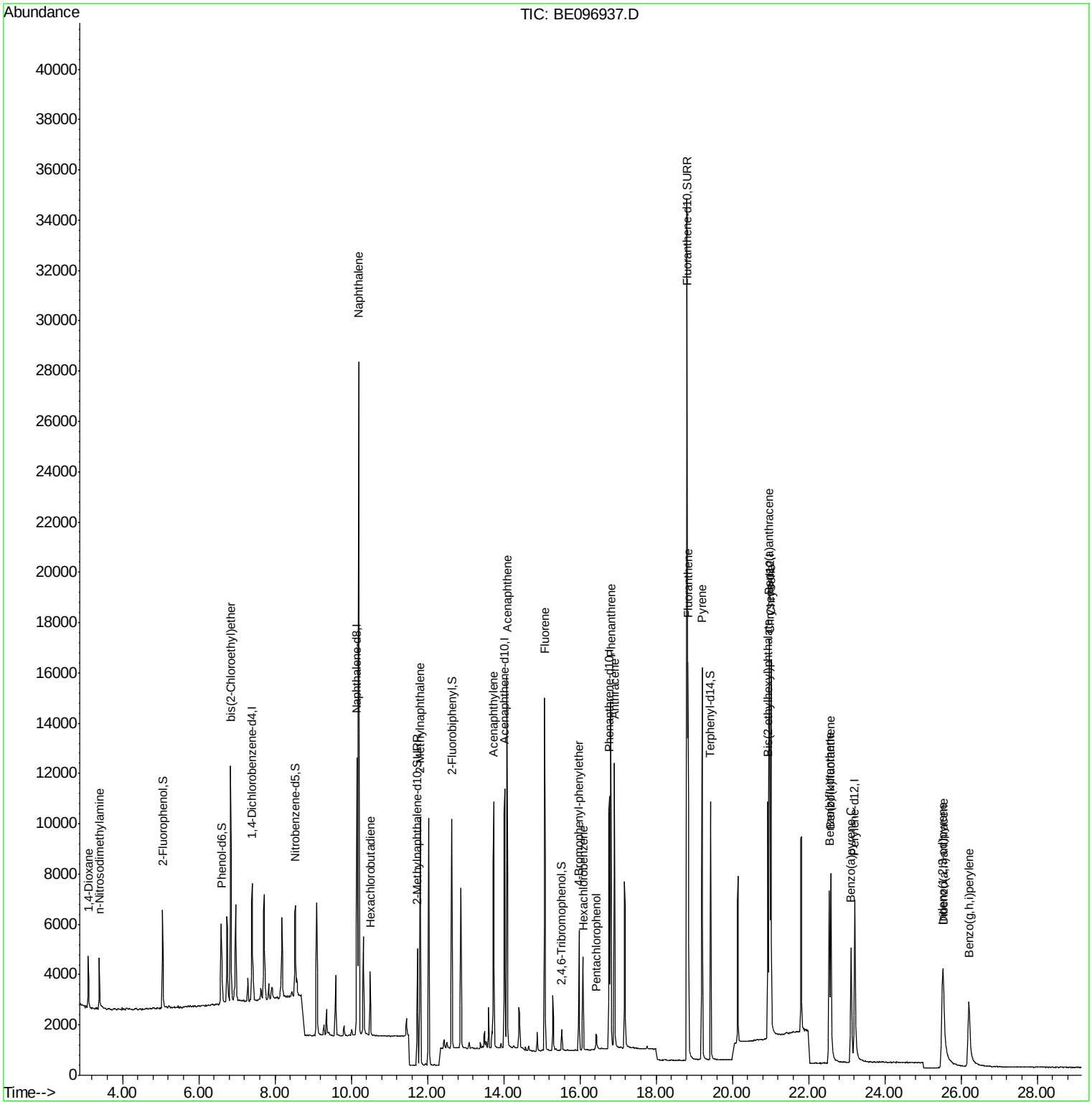
(#) = qualifier out of range (m) = manual integration (+) = signals summed

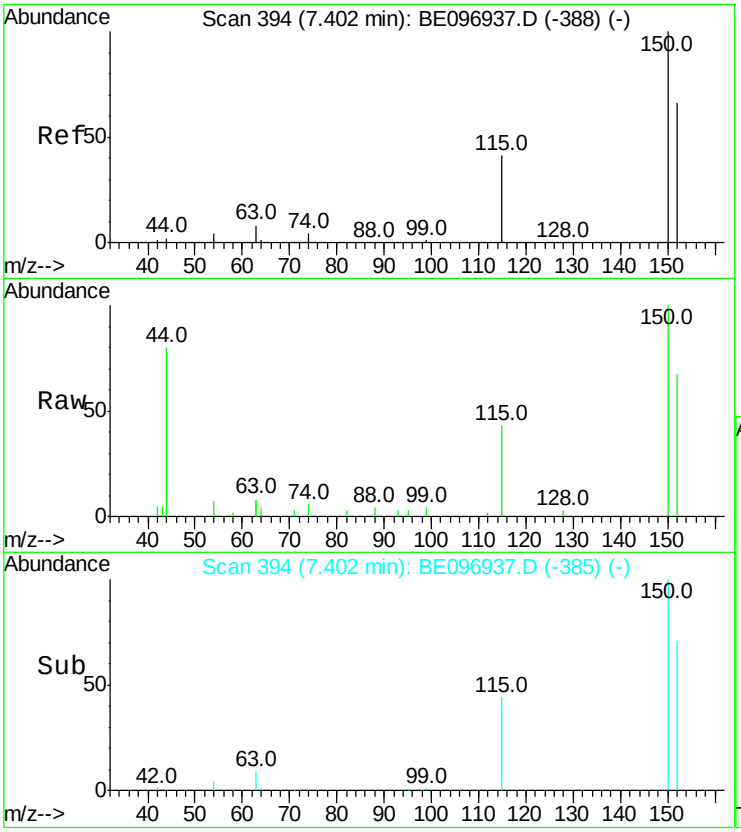
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE071618\
Data File : BE096937.D
Acq On : 16 Jul 2018 13:37
Operator : SJ/JU
Sample : SSTDICC0.4
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :

Quant Time: Jul 17 16:41:06 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE071618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 17 15:02:56 2018
Response via : Initial Calibration



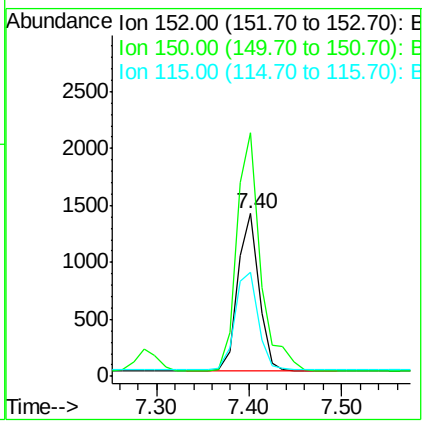


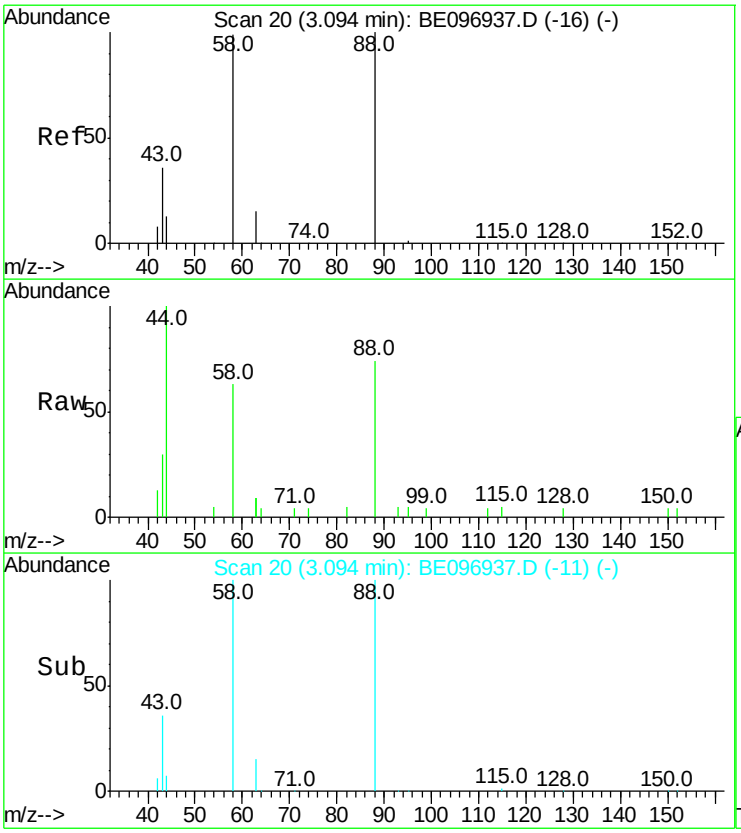
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.40 min Scan# 394
Delta R.T. 0.00 min
Lab File: BE096937.D
Acq: 16 Jul 2018 13:37

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 2193

Ion	Ratio	Lower	Upper
152	100		
150	149.6	117.2	175.8
115	63.8	57.0	85.6

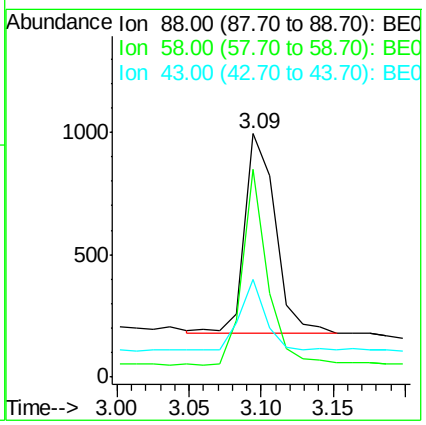


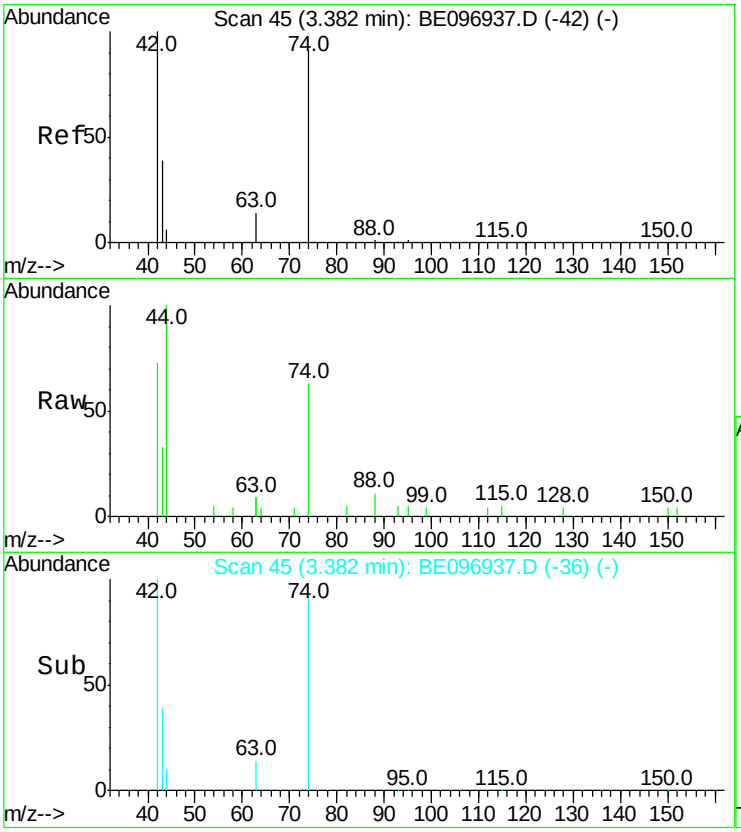


#2
1,4-Dioxane
Concen: 0.386 ng
RT: 3.09 min Scan# 20
Delta R.T. 0.00 min
Lab File: BE096937.D
Acq: 16 Jul 2018 13:37

Tgt Ion: 88 Resp: 1211

Ion	Ratio	Lower	Upper
88	100		
58	80.0	63.2	94.8
43	29.6	41.2	61.8#

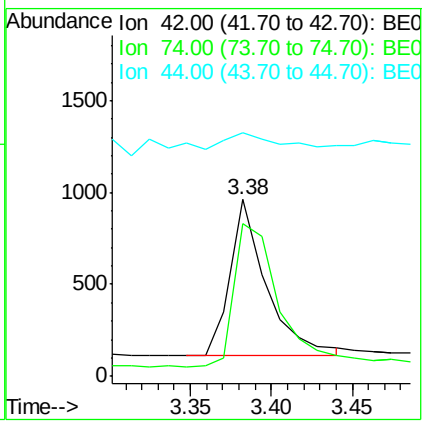




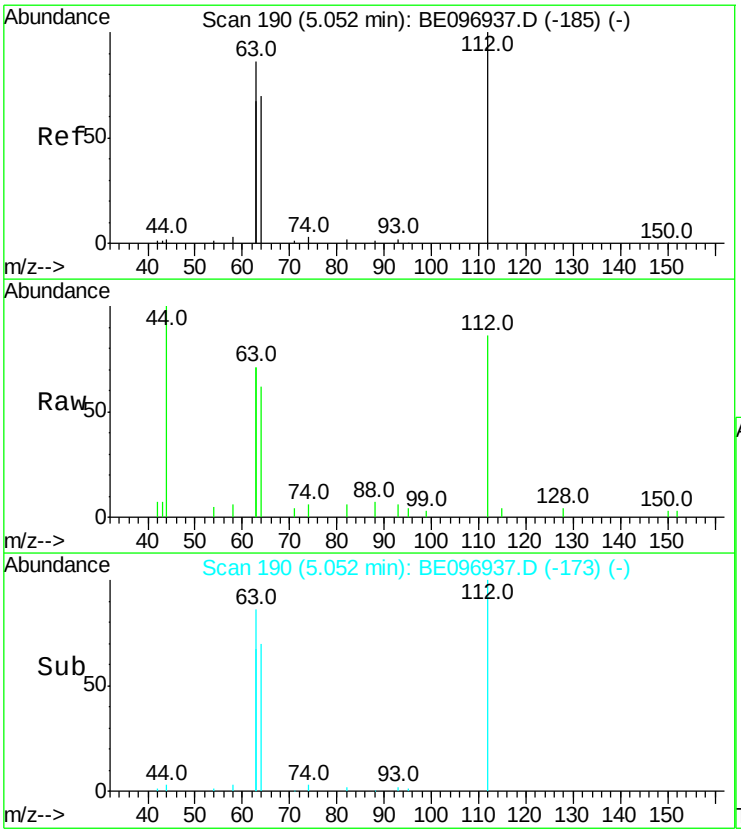
#3
n-Nitrosodimethylamine
Concen: 0.376 ng
RT: 3.38 min Scan# 45
Delta R.T. 0.00 min
Lab File: BE096937.D
Acq: 16 Jul 2018 13:37

Tgt Ion: 42 Resp: 1328

Ion	Ratio	Lower	Upper
42	100		
74	111.1	96.0	144.0
44	16.3	12.0	18.0



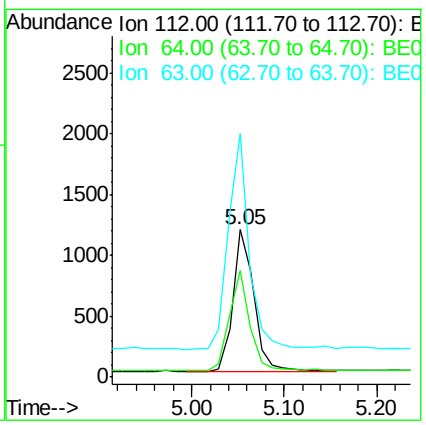
Instrument :
BNA_E
ClientSampleId :

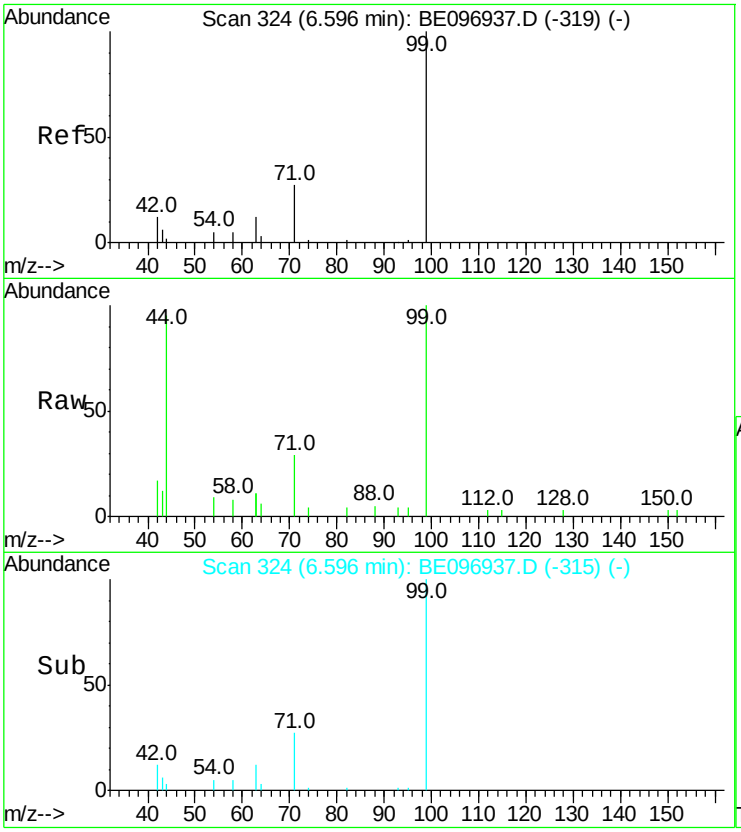


#4
2-Fluorophenol
Concen: 0.352 ng
RT: 5.05 min Scan# 190
Delta R.T. 0.00 min
Lab File: BE096937.D
Acq: 16 Jul 2018 13:37

Tgt Ion:112 Resp: 1847

Ion	Ratio	Lower	Upper
112	100		
64	68.3	60.1	90.1
63	150.8	116.8	175.2



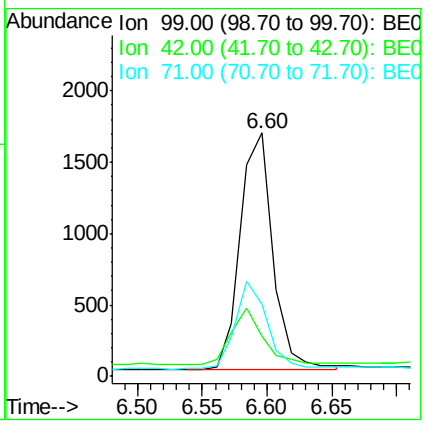


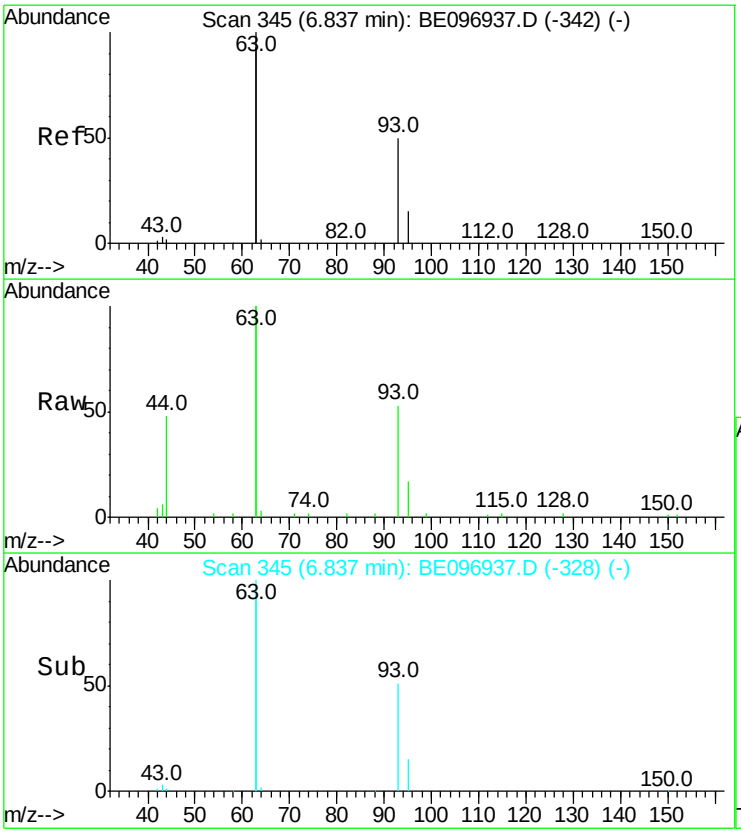
#5
Phenol-d6
Concen: 0.365 ng
RT: 6.60 min Scan# 324
Delta R.T. 0.00 min
Lab File: BE096937.D
Acq: 16 Jul 2018 13:37

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 99 Resp: 2926

Ion	Ratio	Lower	Upper
99	100		
42	22.8	20.2	30.2
71	36.1	28.4	42.6

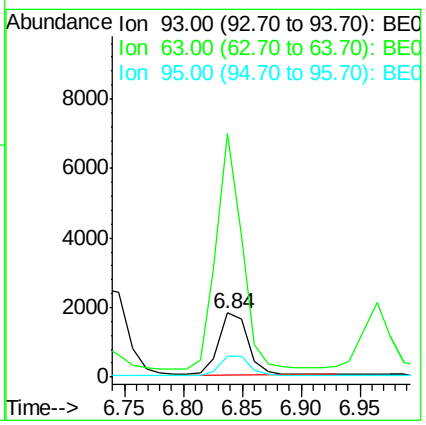


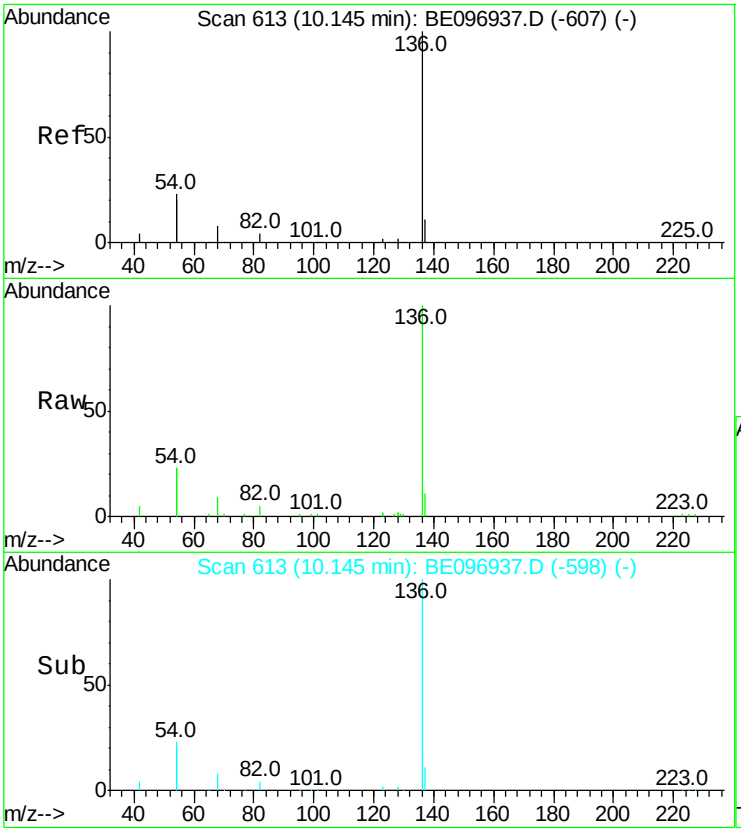


#6
bis(2-Chloroethyl)ether
Concen: 0.386 ng
RT: 6.84 min Scan# 345
Delta R.T. 0.00 min
Lab File: BE096937.D
Acq: 16 Jul 2018 13:37

Tgt Ion: 93 Resp: 3030

Ion	Ratio	Lower	Upper
93	100		
63	334.7	275.3	412.9
95	32.1	25.2	37.8



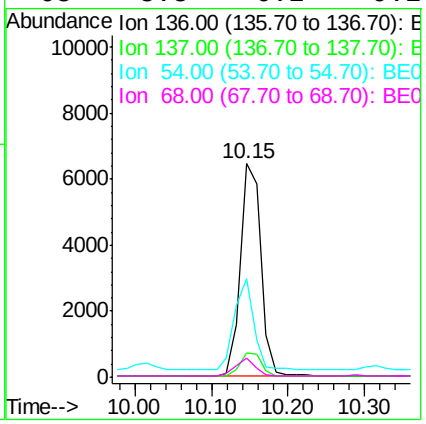


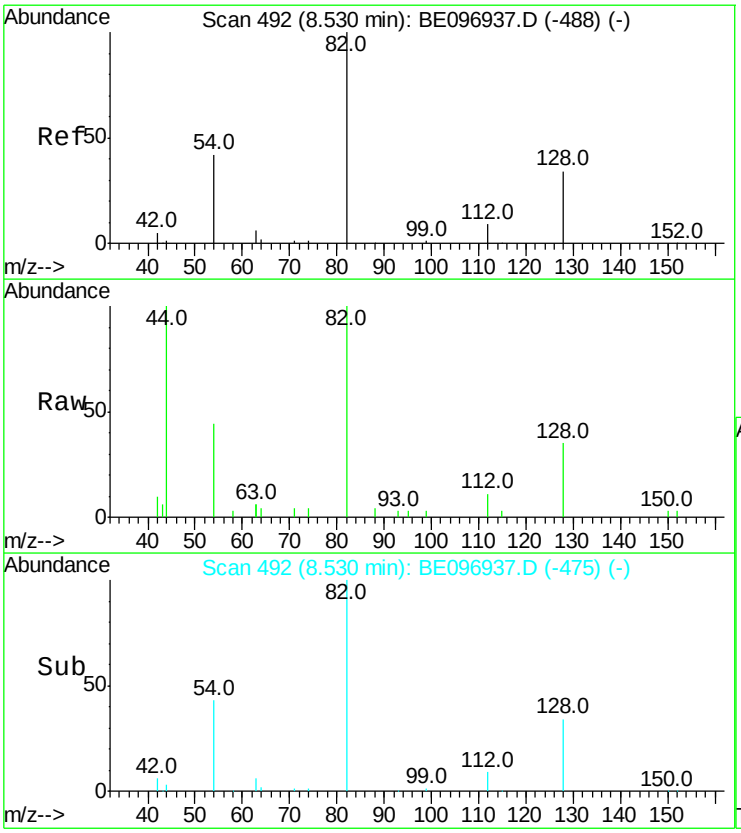
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.15 min Scan# 613
Delta R.T. 0.00 min
Lab File: BE096937.D
Acq: 16 Jul 2018 13:37

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:136 Resp: 11920

Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.5	14.3
54	46.4	29.1	43.7#
68	8.8	6.2	9.2

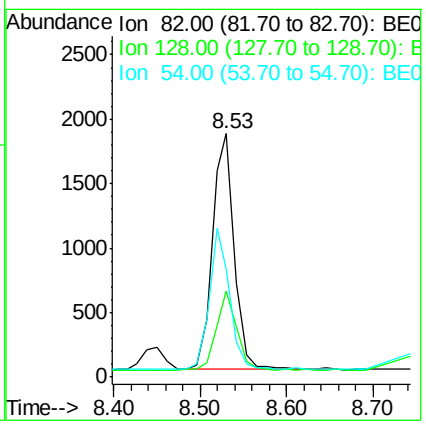


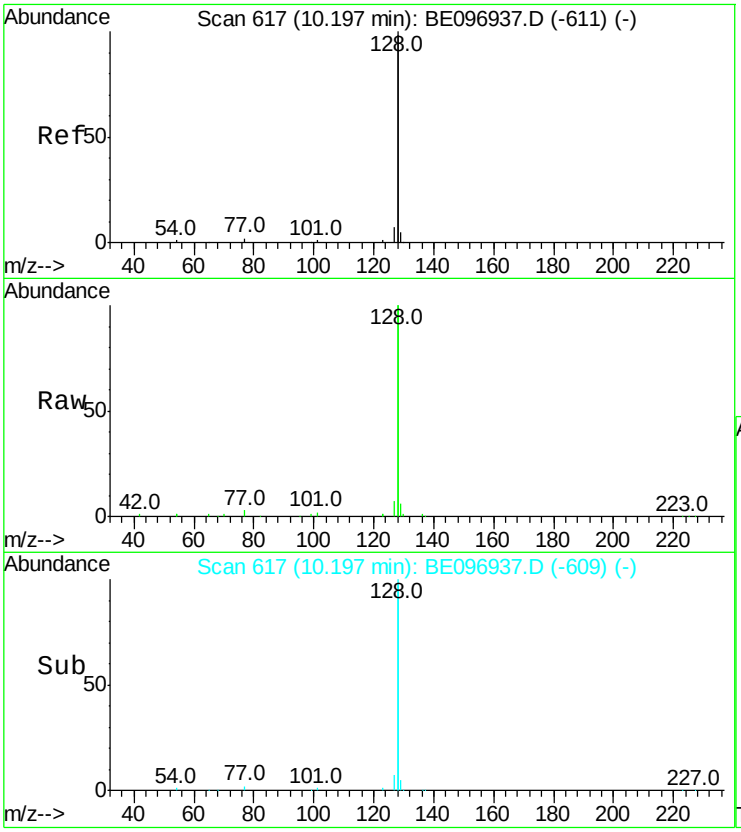


#8
Nitrobenzene-d5
Concen: 0.371 ng
RT: 8.53 min Scan# 492
Delta R.T. 0.00 min
Lab File: BE096937.D
Acq: 16 Jul 2018 13:37

Tgt Ion: 82 Resp: 3227

Ion	Ratio	Lower	Upper
82	100		
128	35.6	24.0	36.0
54	44.4	40.0	60.0



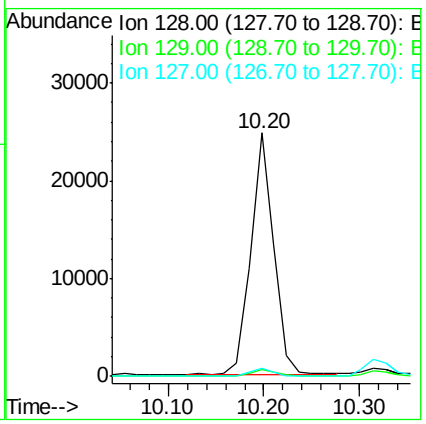


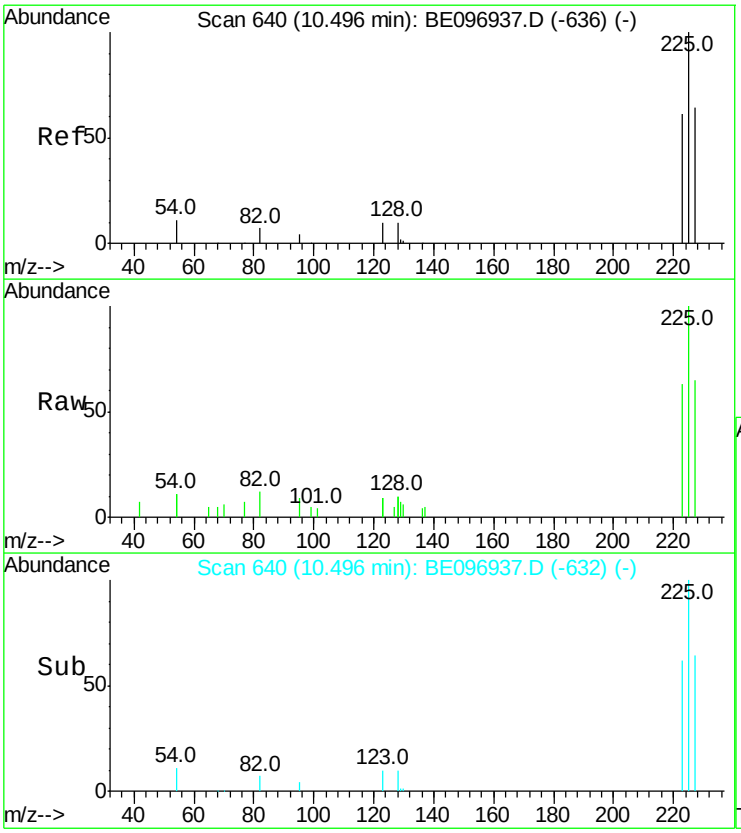
#9
Naphthalene
Concen: 0.381 ng
RT: 10.20 min Scan# 617
Delta R.T. 0.00 min
Lab File: BE096937.D
Acq: 16 Jul 2018 13:37

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:128 Resp: 40615

Ion	Ratio	Lower	Upper
128	100		
129	2.9	2.6	3.8
127	3.5	2.8	4.2

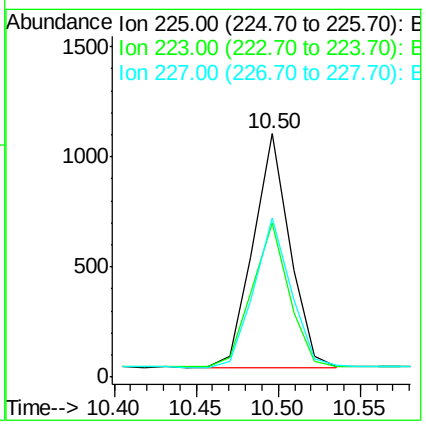


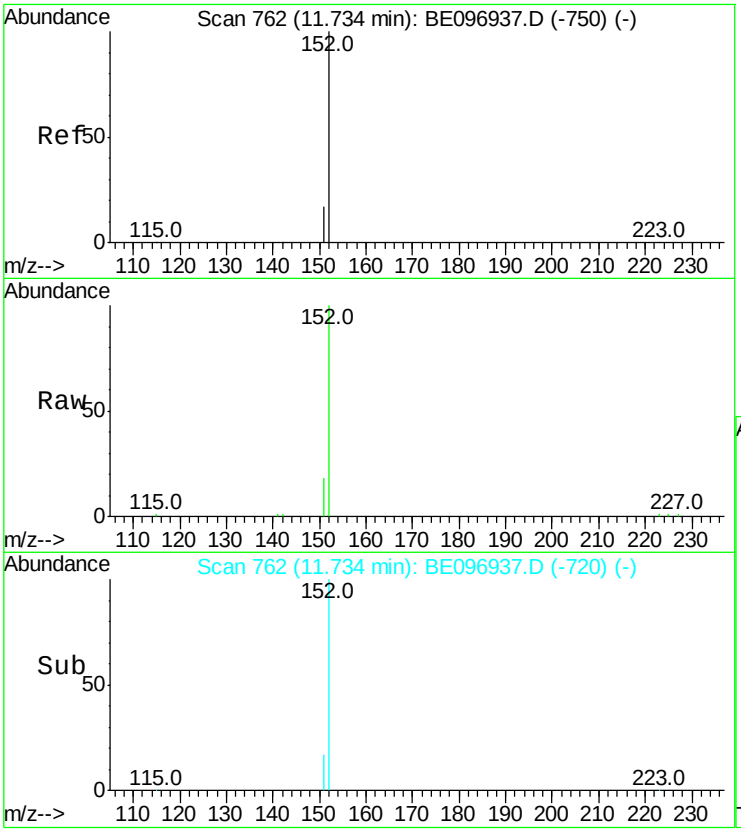


#10
Hexachlorobutadiene
Concen: 0.380 ng
RT: 10.50 min Scan# 640
Delta R.T. 0.00 min
Lab File: BE096937.D
Acq: 16 Jul 2018 13:37

Tgt Ion:225 Resp: 1641

Ion	Ratio	Lower	Upper
225	100		
223	61.8	53.0	79.6
227	64.5	51.4	77.2



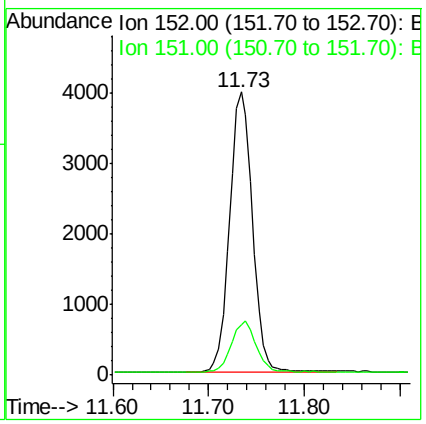


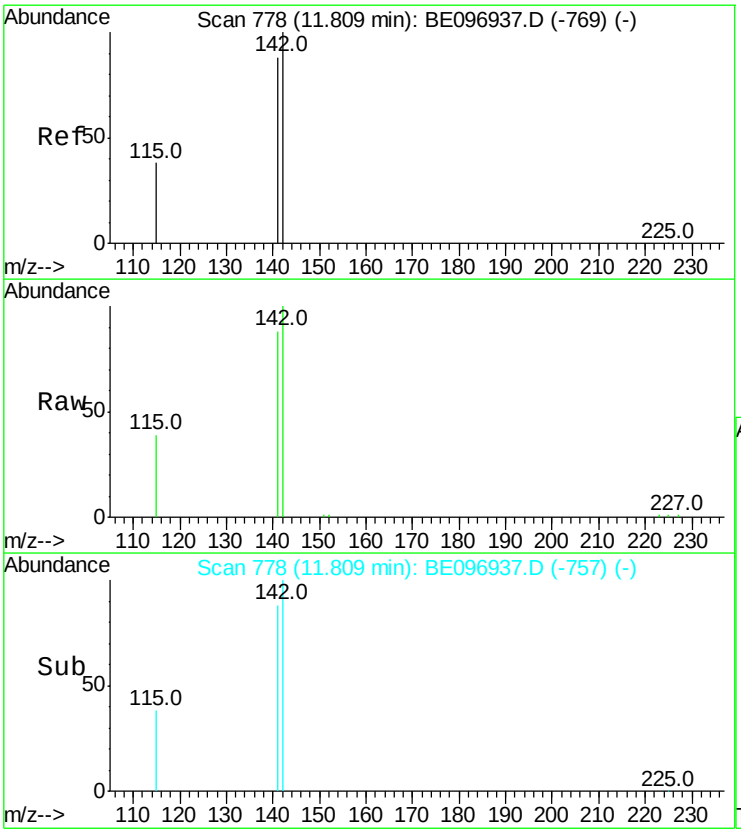
#11
2-Methylnaphthalene-d10
Concen: 0.379 ng
RT: 11.73 min Scan# 762
Delta R.T. 0.00 min
Lab File: BE096937.D
Acq: 16 Jul 2018 13:37

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 6578

Ion	Ratio	Lower	Upper
152	100		
151	19.4	15.4	23.0

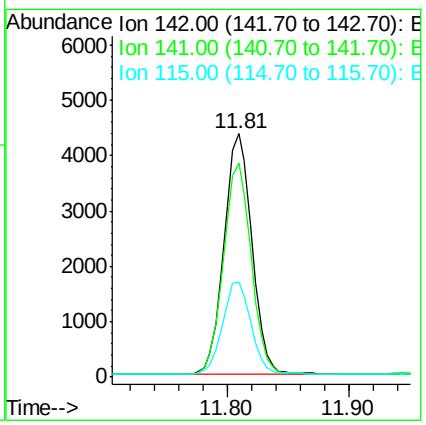


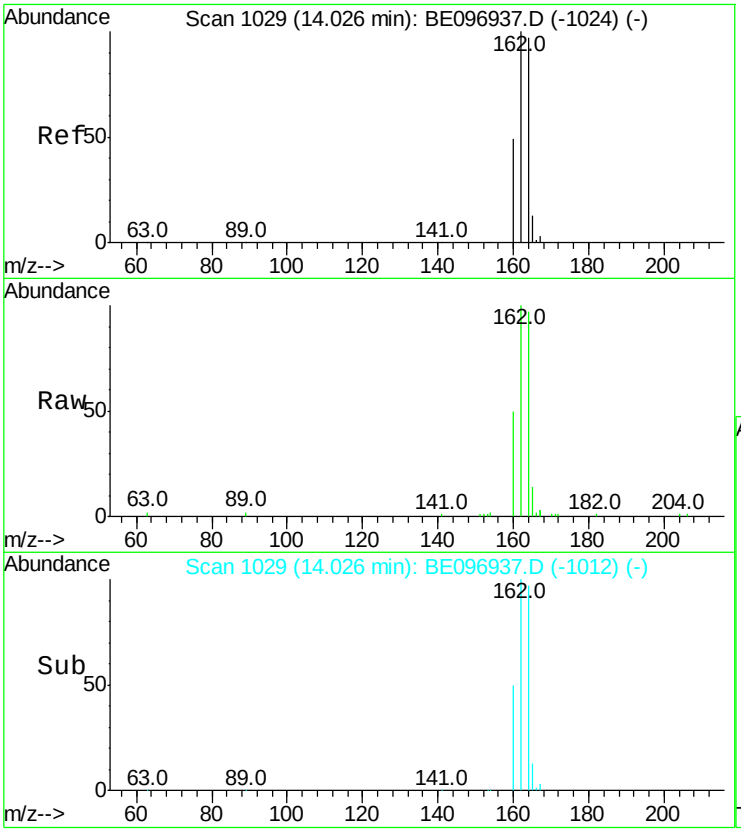


#12
2-Methylnaphthalene
Concen: 0.382 ng
RT: 11.81 min Scan# 778
Delta R.T. 0.00 min
Lab File: BE096937.D
Acq: 16 Jul 2018 13:37

Tgt Ion:142 Resp: 6906

Ion	Ratio	Lower	Upper
142	100		
141	88.0	70.4	105.6
115	39.2	31.7	47.5



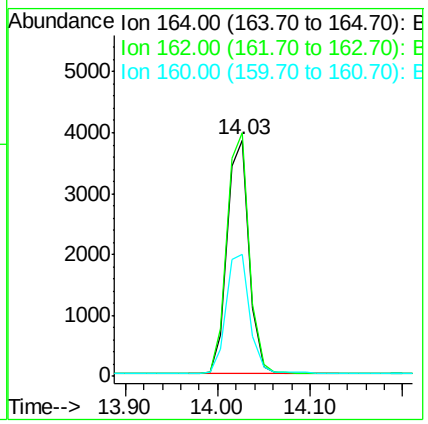


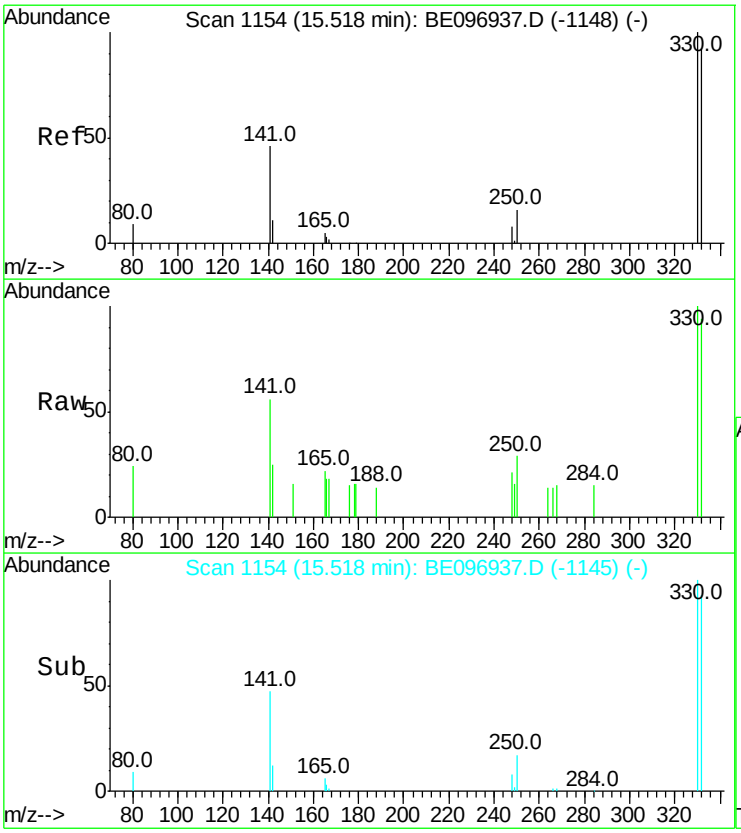
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.03 min Scan# 1029
Delta R.T. 0.00 min
Lab File: BE096937.D
Acq: 16 Jul 2018 13:37

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:164 Resp: 6308

Ion	Ratio	Lower	Upper
164	100		
162	102.9	83.1	124.7
160	51.5	37.1	55.7

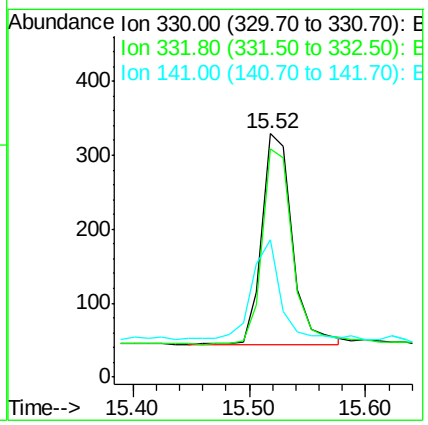


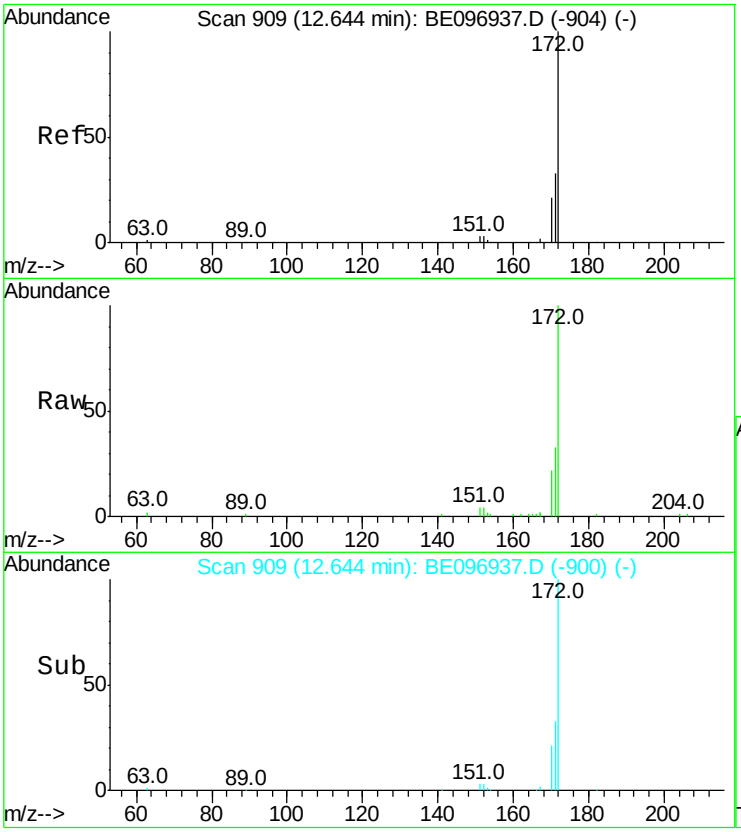


#14
2,4,6-Tribromophenol
Concen: 0.385 ng
RT: 15.52 min Scan# 1154
Delta R.T. 0.00 min
Lab File: BE096937.D
Acq: 16 Jul 2018 13:37

Tgt Ion:330 Resp: 523

Ion	Ratio	Lower	Upper
330	100		
332	92.4	152.7	229.1#
141	41.9	33.7	50.5



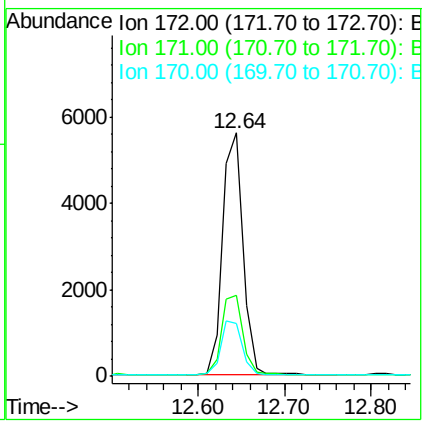


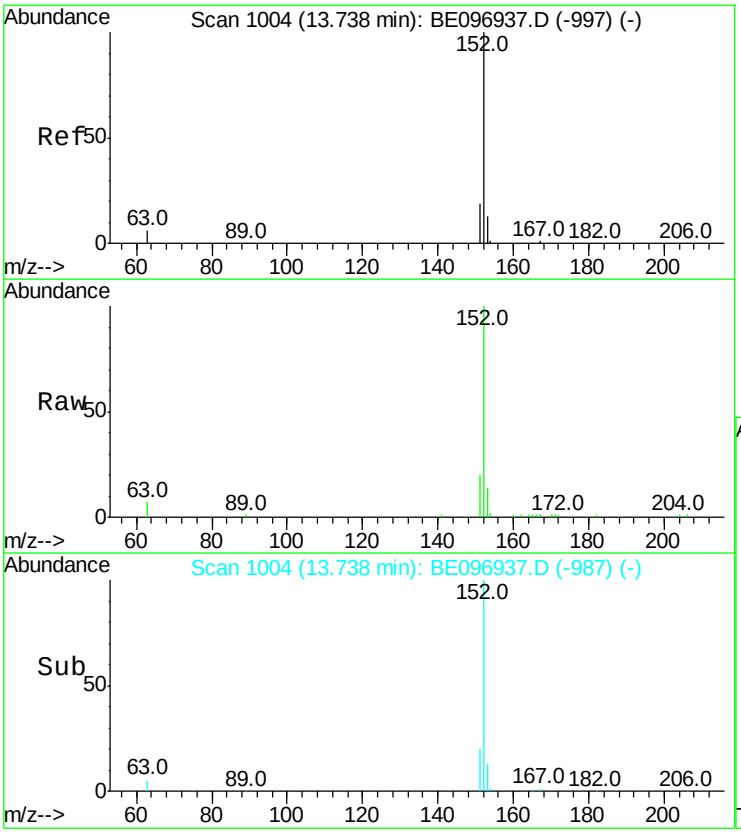
#15
2-Fluorobiphenyl
Concen: 0.391 ng
RT: 12.64 min Scan# 909
Delta R.T. 0.00 min
Lab File: BE096937.D
Acq: 16 Jul 2018 13:37

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:172 Resp: 9173

Ion	Ratio	Lower	Upper
172	100		
171	33.3	29.9	44.9
170	21.7	21.8	32.8#

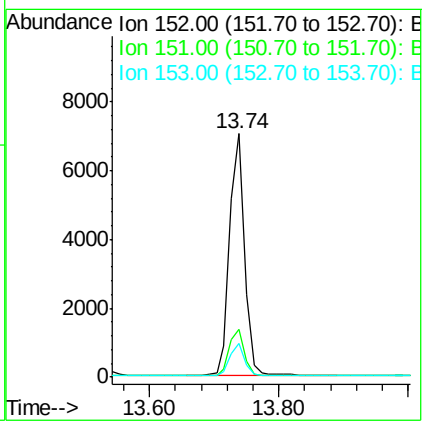


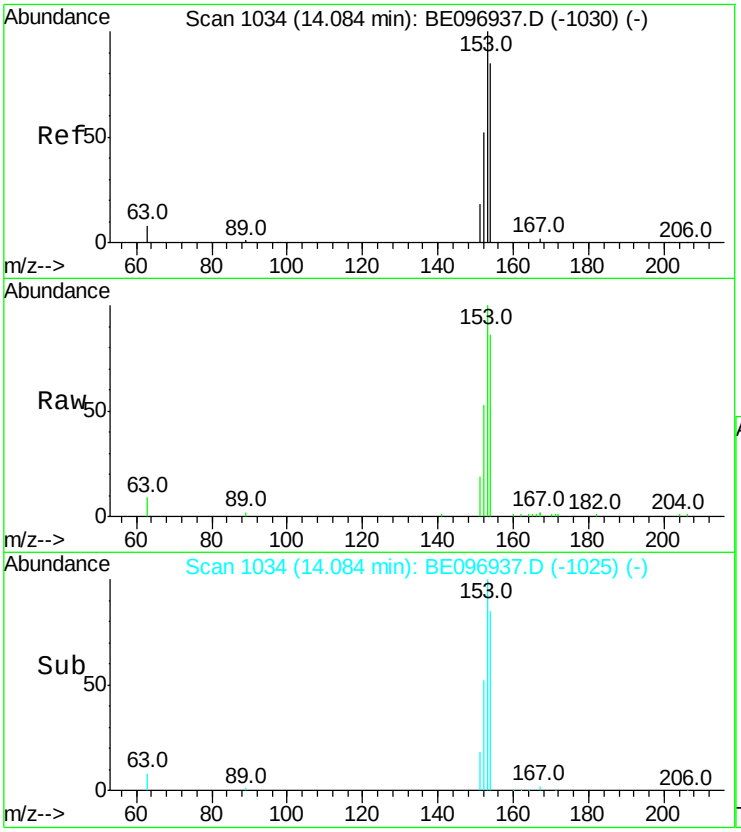


#16
Acenaphthylene
Concen: 0.384 ng
RT: 13.74 min Scan# 1004
Delta R.T. 0.00 min
Lab File: BE096937.D
Acq: 16 Jul 2018 13:37

Tgt Ion:152 Resp: 11062

Ion	Ratio	Lower	Upper
152	100		
151	19.5	15.7	23.5
153	12.9	10.5	15.7



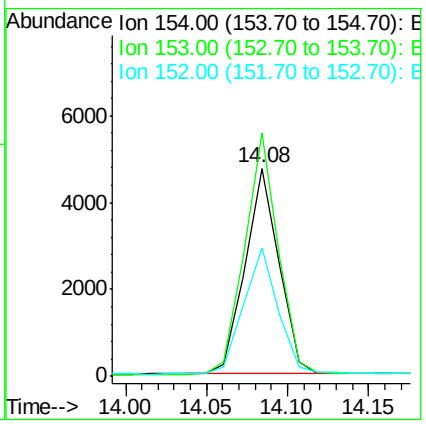


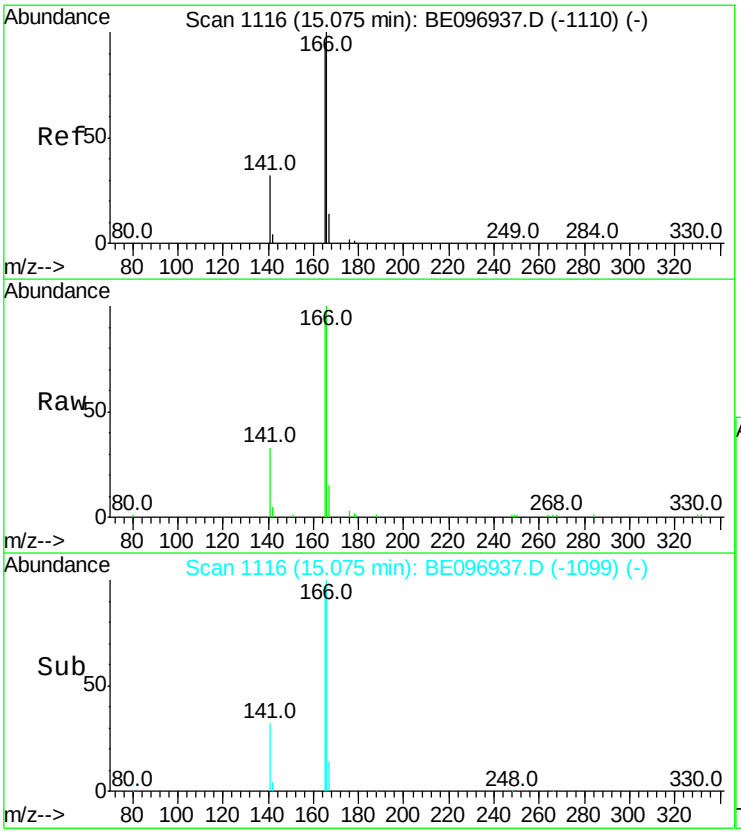
#17
Acenaphthene
Concen: 0.383 ng
RT: 14.08 min Scan# 1034
Delta R.T. 0.00 min
Lab File: BE096937.D
Acq: 16 Jul 2018 13:37

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:154 Resp: 6855

Ion	Ratio	Lower	Upper
154	100		
153	115.7	89.2	133.8
152	63.2	42.0	63.0#

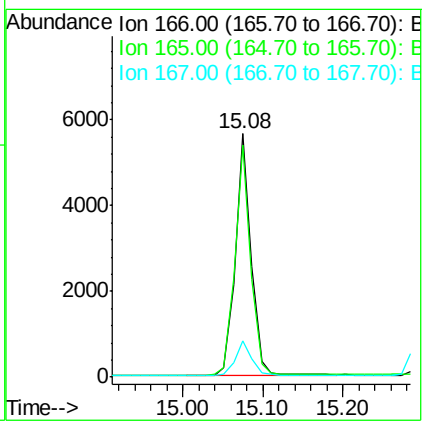


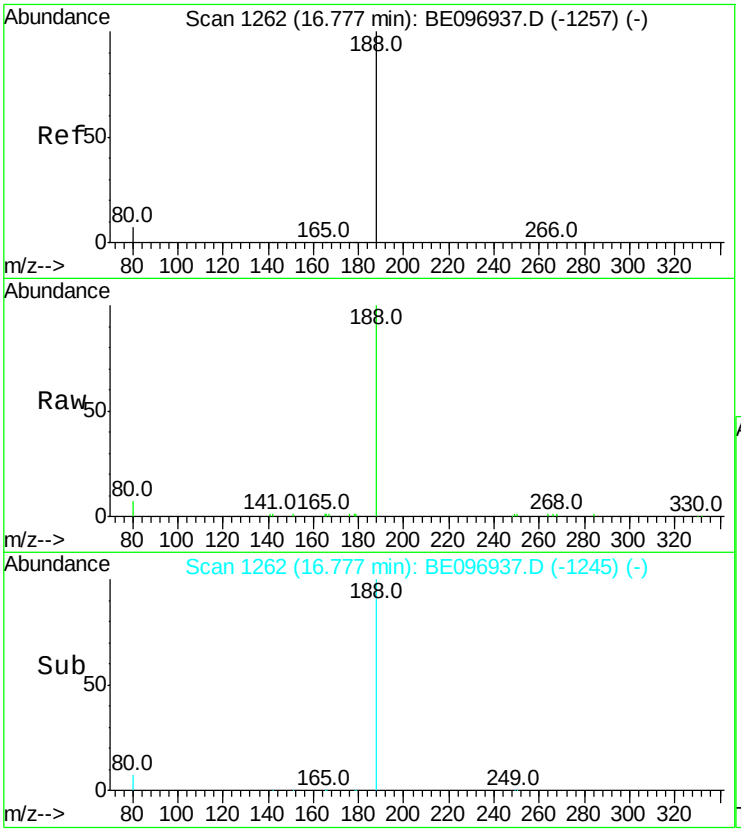


#18
Fluorene
Concen: 0.378 ng
RT: 15.08 min Scan# 1116
Delta R.T. 0.00 min
Lab File: BE096937.D
Acq: 16 Jul 2018 13:37

Tgt Ion:166 Resp: 7608

Ion	Ratio	Lower	Upper
166	100		
165	95.8	77.8	116.6
167	14.7	42.4	63.6#



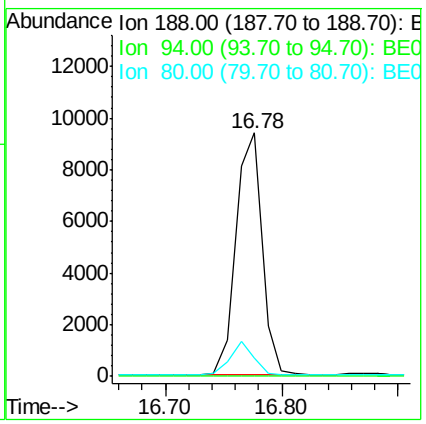


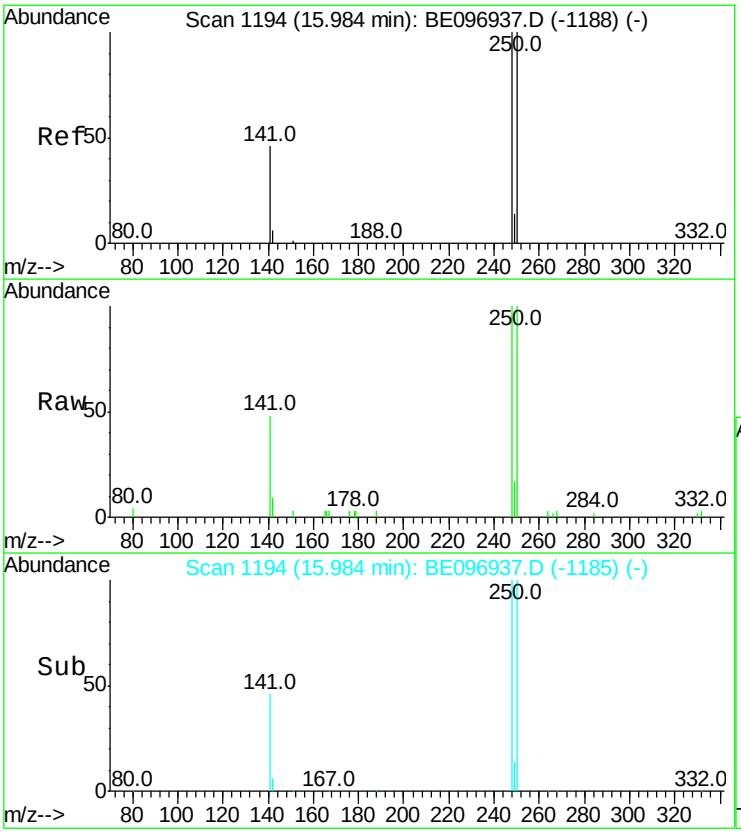
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.78 min Scan# 1262
Delta R.T. 0.00 min
Lab File: BE096937.D
Acq: 16 Jul 2018 13:37

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:188 Resp: 14805

Ion	Ratio	Lower	Upper
188	100		
94	0.0	3.9	5.9#
80	7.3	3.6	5.4#

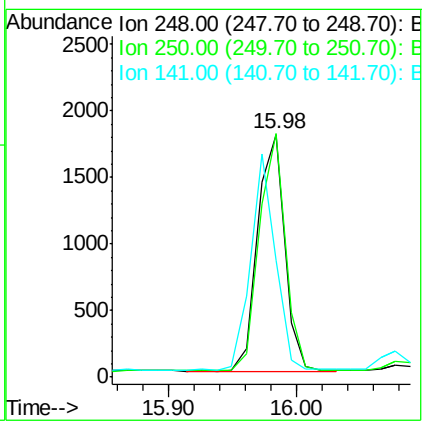


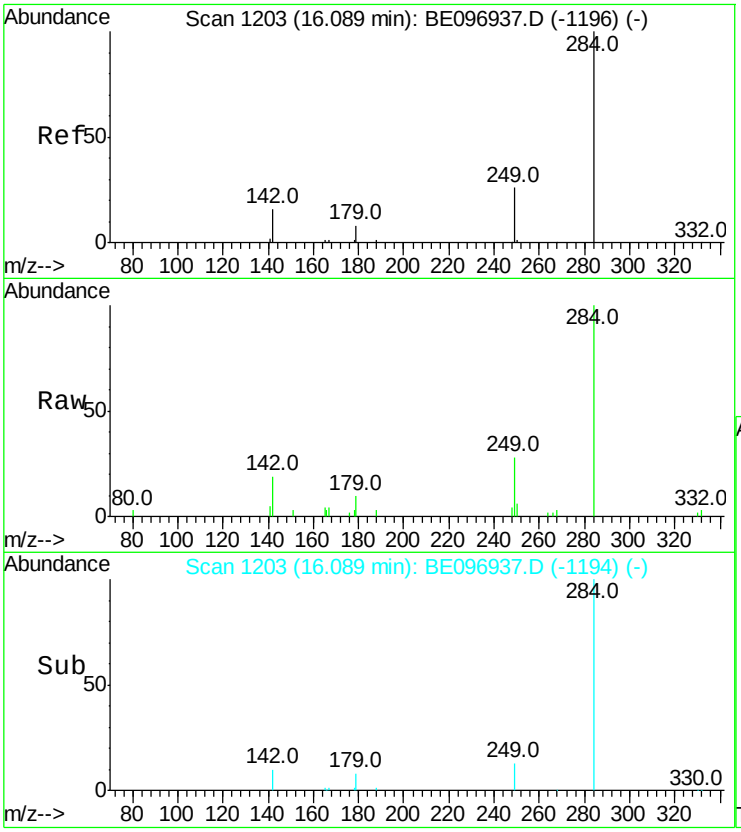


#20
4-Bromophenyl-phenylether
Concen: 0.377 ng
RT: 15.98 min Scan# 1194
Delta R.T. 0.00 min
Lab File: BE096937.D
Acq: 16 Jul 2018 13:37

Tgt Ion:248 Resp: 2643

Ion	Ratio	Lower	Upper
248	100		
250	100.2	62.7	94.1#
141	48.3	48.2	72.2



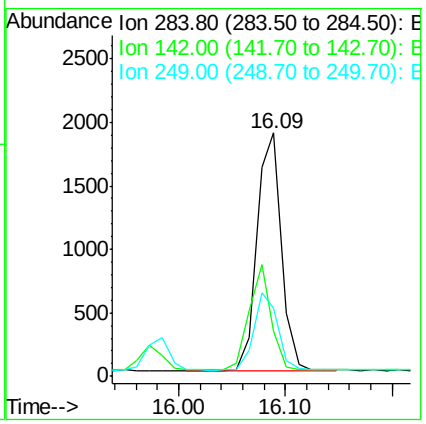


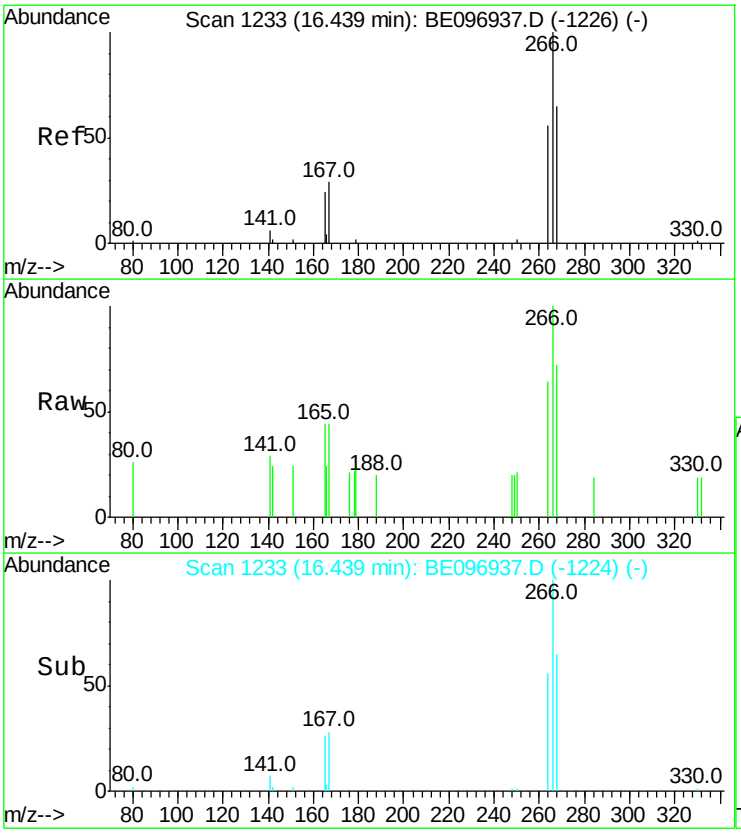
#21
Hexachlorobenzene
Concen: 0.385 ng
RT: 16.09 min Scan# 1203
Delta R.T. 0.00 min
Lab File: BE096937.D
Acq: 16 Jul 2018 13:37

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:284 Resp: 2997

Ion	Ratio	Lower	Upper
284	100		
142	39.6	22.1	33.1#
249	31.8	34.8	52.2#

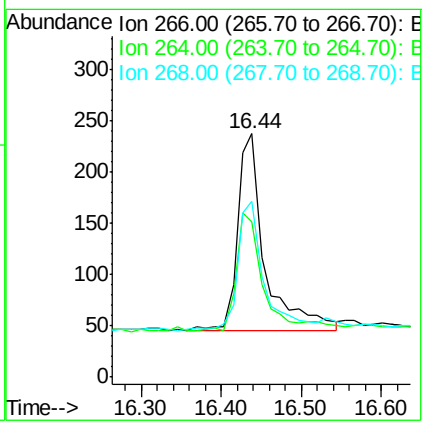


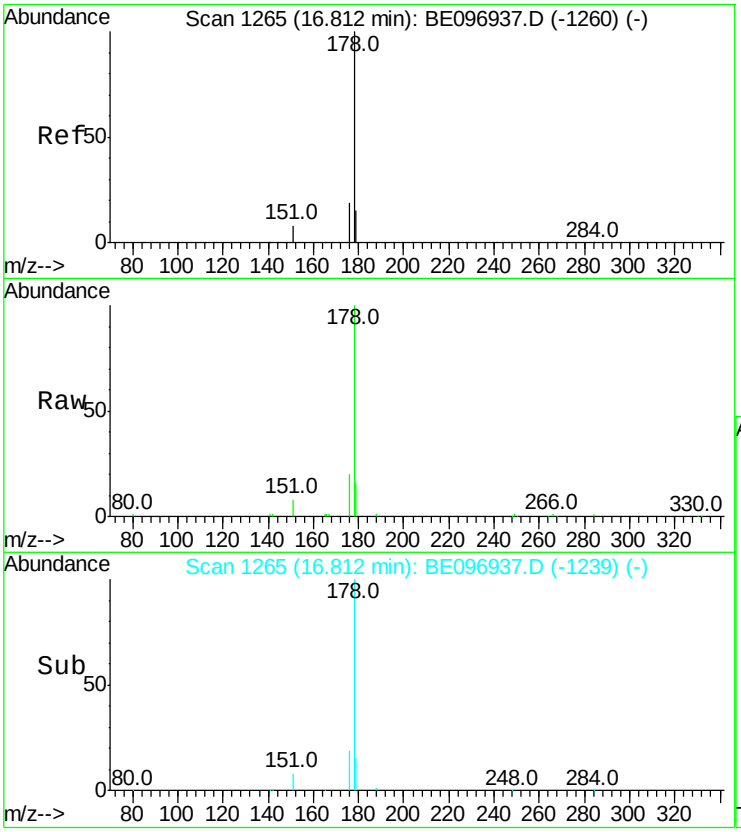


#22
Pentachlorophenol
Concen: 0.406 ng
RT: 16.44 min Scan# 1233
Delta R.T. 0.00 min
Lab File: BE096937.D
Acq: 16 Jul 2018 13:37

Tgt Ion:266 Resp: 450

Ion	Ratio	Lower	Upper
266	100		
264	63.9	72.5	108.7#
268	72.3	73.8	110.6#



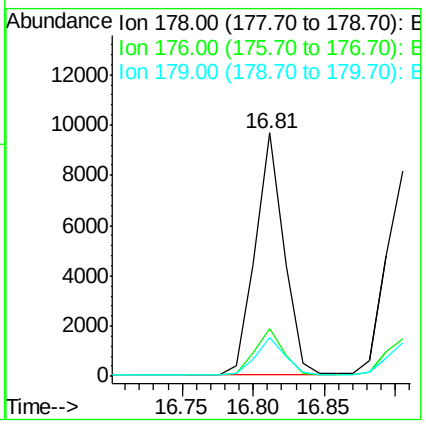


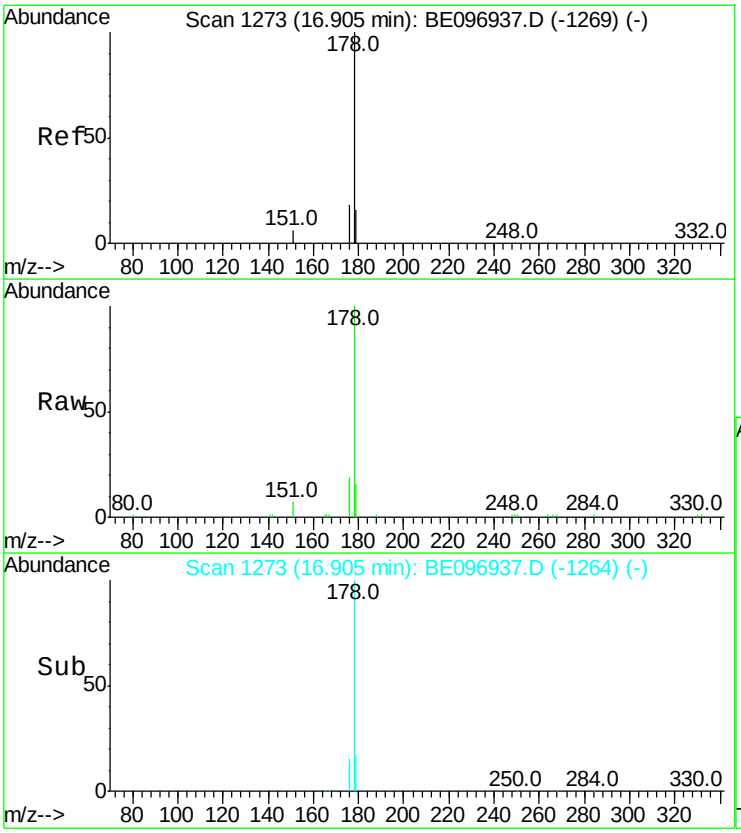
#23
Phenanthrene
Concen: 0.382 ng
RT: 16.81 min Scan# 1265
Delta R.T. 0.00 min
Lab File: BE096937.D
Acq: 16 Jul 2018 13:37

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:178 Resp: 13537

Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.1	22.7
179	15.5	11.8	17.6

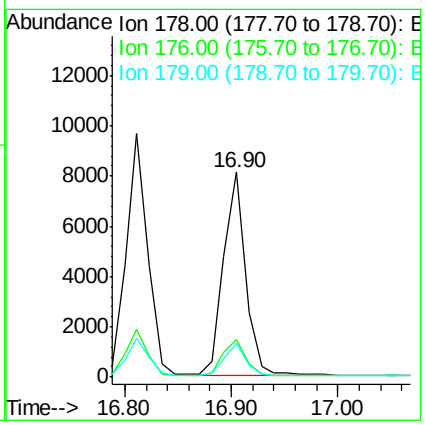


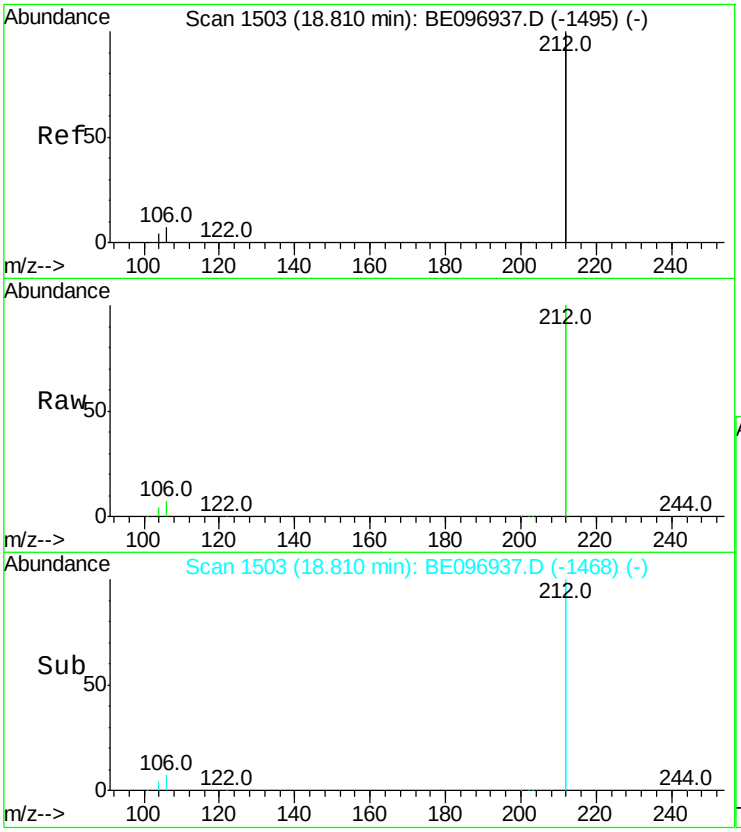


#24
Anthracene
Concen: 0.373 ng
RT: 16.90 min Scan# 1273
Delta R.T. 0.00 min
Lab File: BE096937.D
Acq: 16 Jul 2018 13:37

Tgt Ion:178 Resp: 11503

Ion	Ratio	Lower	Upper
178	100		
176	19.0	12.8	19.2
179	15.2	13.0	19.6



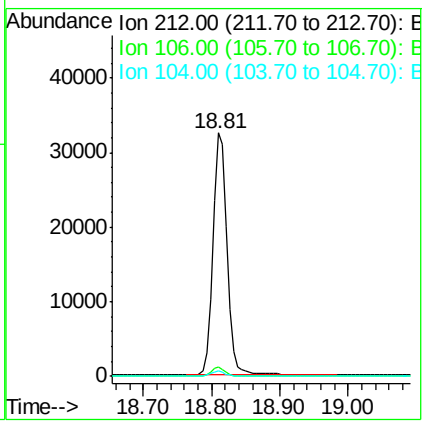


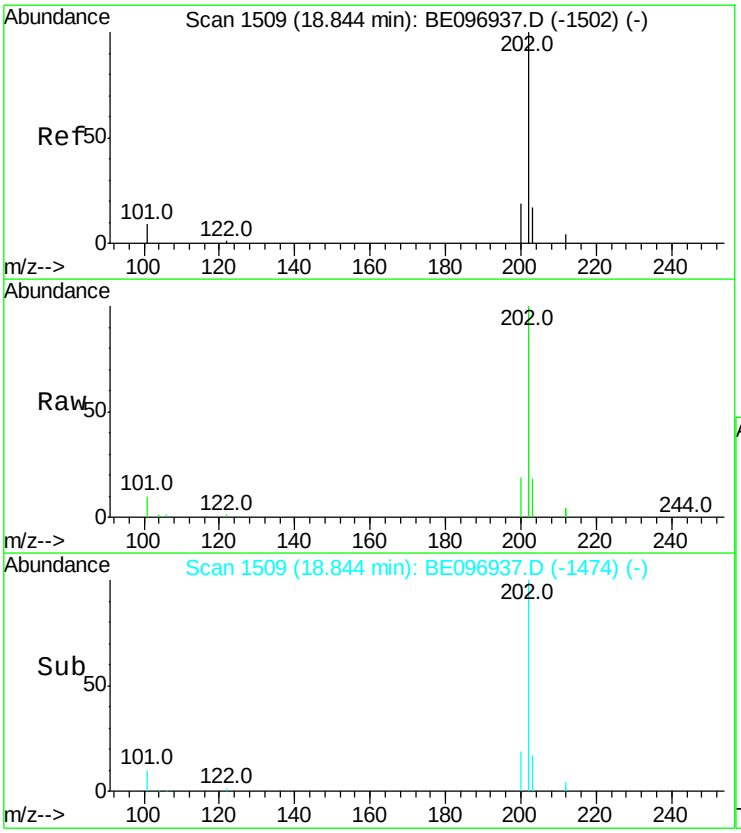
#25
Fluoranthene-d10
Concen: 0.368 ng
RT: 18.81 min Scan# 1503
Delta R.T. 0.00 min
Lab File: BE096937.D
Acq: 16 Jul 2018 13:37

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:212 Resp: 47413

Ion	Ratio	Lower	Upper
212	100		
106	3.4	2.8	4.2
104	2.0	1.6	2.4

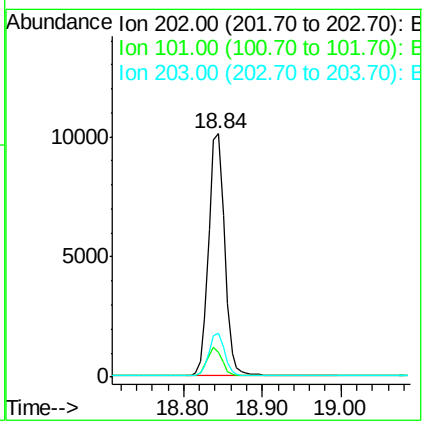


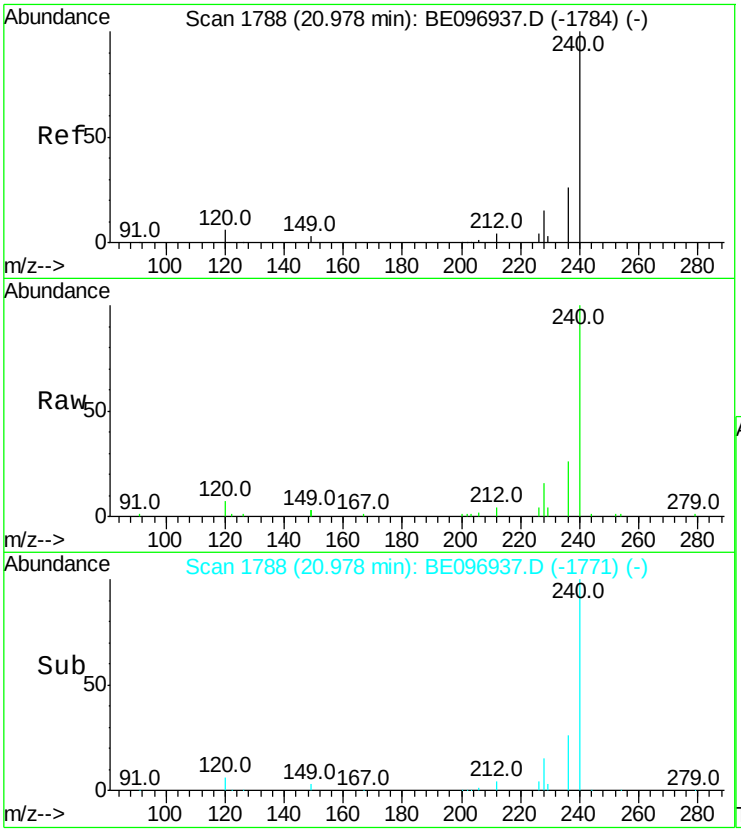


#26
Fluoranthene
Concen: 0.374 ng
RT: 18.84 min Scan# 1509
Delta R.T. 0.00 min
Lab File: BE096937.D
Acq: 16 Jul 2018 13:37

Tgt Ion:202 Resp: 13986

Ion	Ratio	Lower	Upper
202	100		
101	11.4	9.8	14.8
203	17.1	13.7	20.5



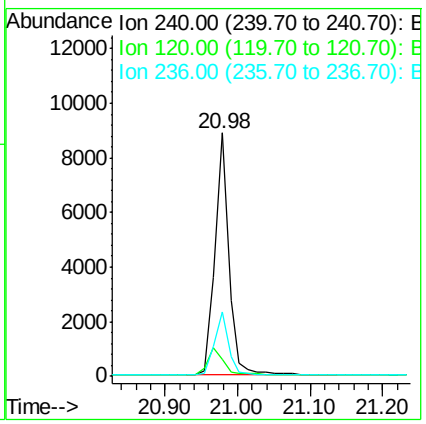


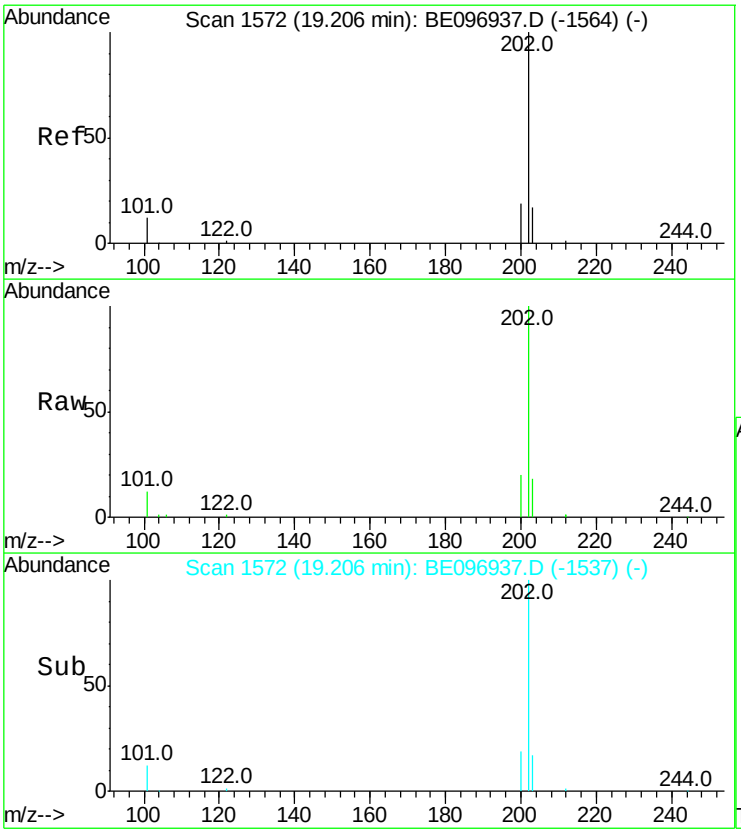
#27
Chrysene-d12
Concen: 0.400 ng
RT: 20.98 min Scan# 1788
Delta R.T. 0.00 min
Lab File: BE096937.D
Acq: 16 Jul 2018 13:37

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:240 Resp: 11921

Ion	Ratio	Lower	Upper
240	100		
120	7.0	5.5	8.3
236	26.4	20.7	31.1

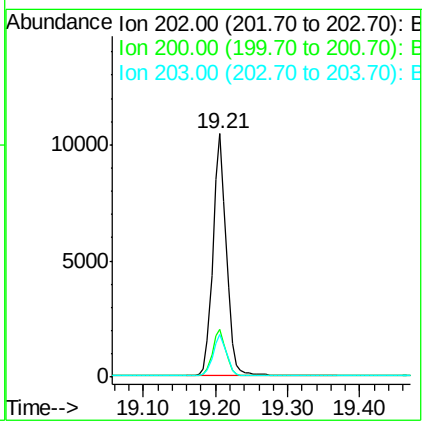


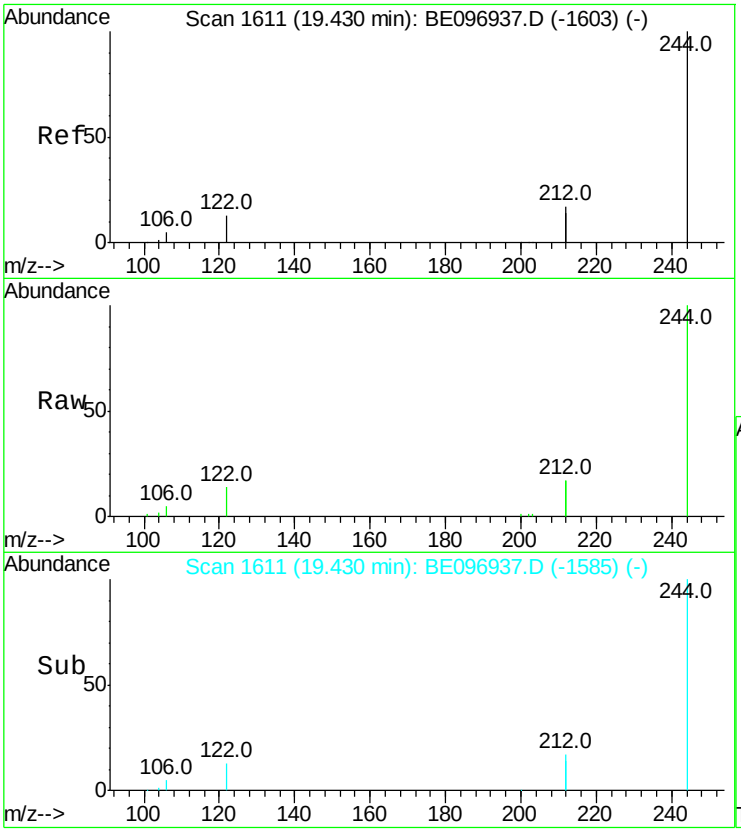


#28
Pyrene
Concen: 0.386 ng
RT: 19.21 min Scan# 1572
Delta R.T. 0.00 min
Lab File: BE096937.D
Acq: 16 Jul 2018 13:37

Tgt Ion:202 Resp: 13573

Ion	Ratio	Lower	Upper
202	100		
200	19.5	16.6	25.0
203	17.5	13.8	20.8



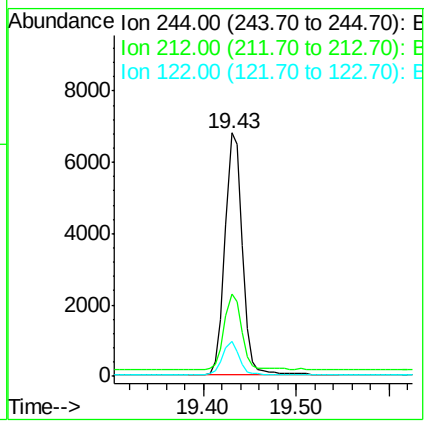


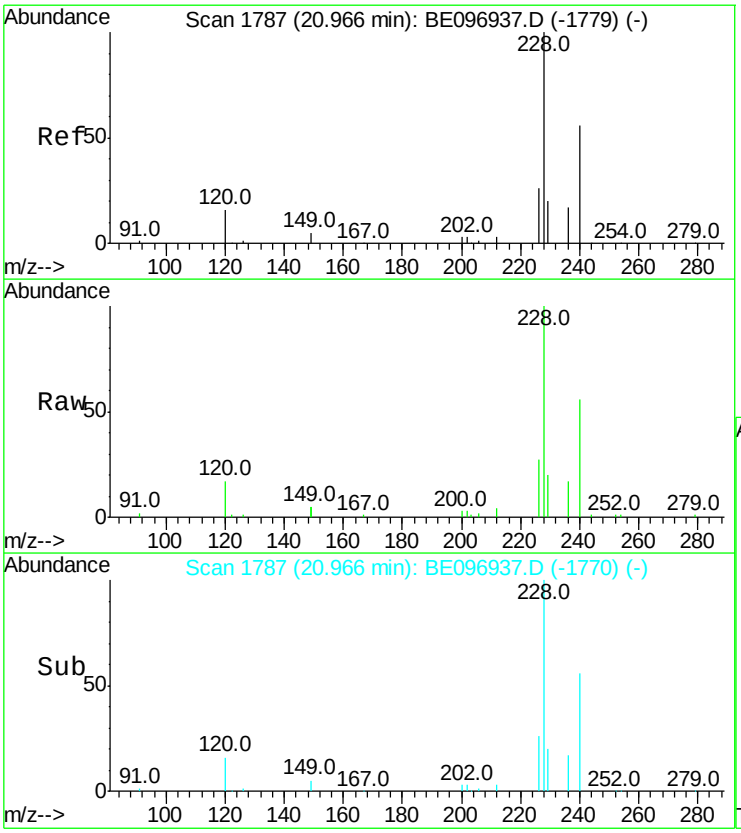
#29
Terphenyl-d14
Concen: 0.380 ng
RT: 19.43 min Scan# 1611
Delta R.T. 0.00 min
Lab File: BE096937.D
Acq: 16 Jul 2018 13:37

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:244 Resp: 8748

Ion	Ratio	Lower	Upper
244	100		
212	33.9	25.4	38.0
122	14.1	8.1	12.1#

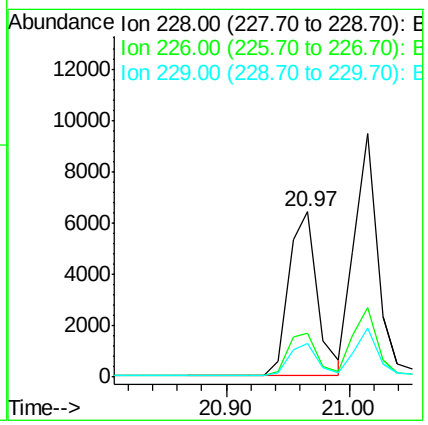


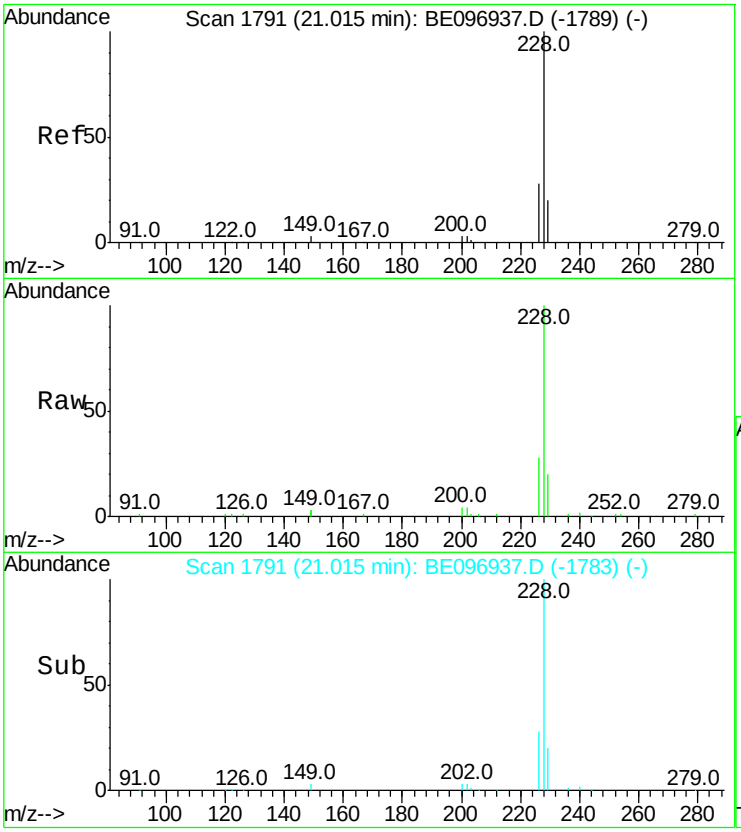


#30
Benzo(a)anthracene
Concen: 0.365 ng
RT: 20.97 min Scan# 1787
Delta R.T. 0.00 min
Lab File: BE096937.D
Acq: 16 Jul 2018 13:37

Tgt Ion:228 Resp: 10367

Ion	Ratio	Lower	Upper
228	100		
226	26.9	24.0	36.0
229	20.3	16.0	24.0



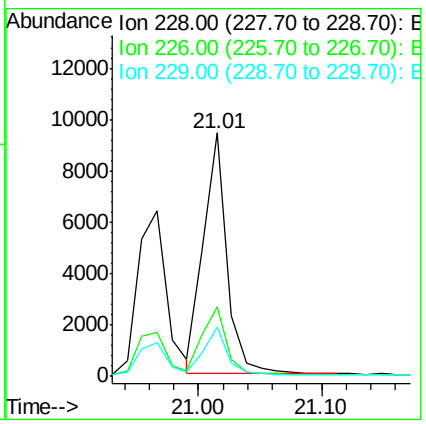


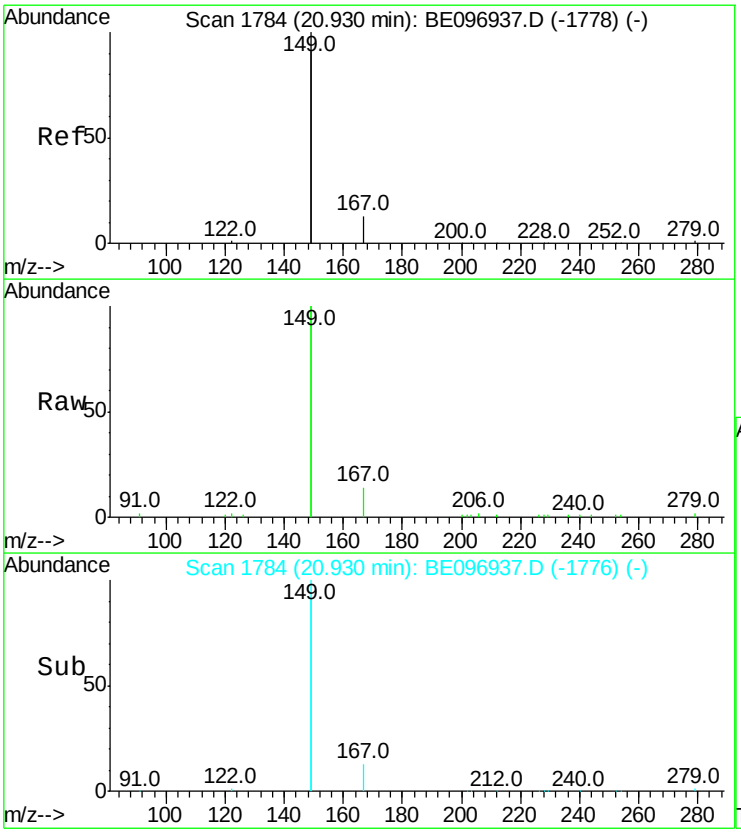
#31
Chrysene
Concen: 0.389 ng
RT: 21.01 min Scan# 1791
Delta R.T. 0.00 min
Lab File: BE096937.D
Acq: 16 Jul 2018 13:37

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:228 Resp: 12393

Ion	Ratio	Lower	Upper
228	100		
226	28.5	24.0	36.0
229	20.1	16.0	24.0

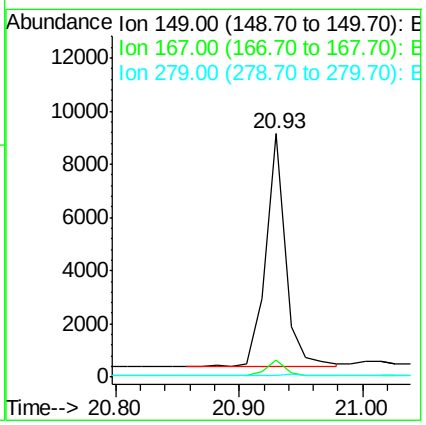


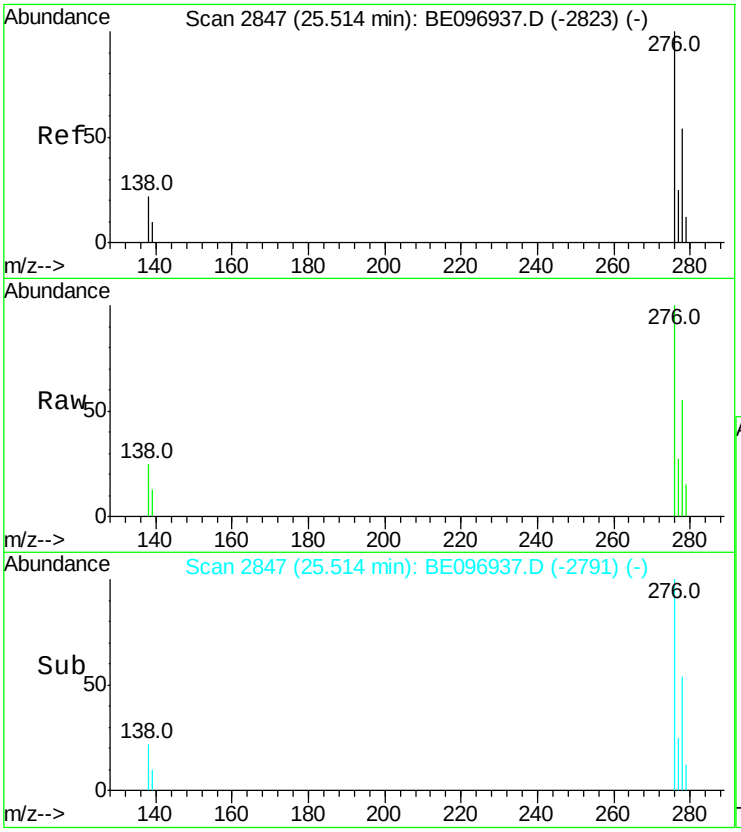


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.347 ng
RT: 20.93 min Scan# 1784
Delta R.T. 0.00 min
Lab File: BE096937.D
Acq: 16 Jul 2018 13:37

Tgt Ion:149 Resp: 9835

Ion	Ratio	Lower	Upper
149	100		
167	6.7	5.4	8.0
279	0.9	0.7	1.1



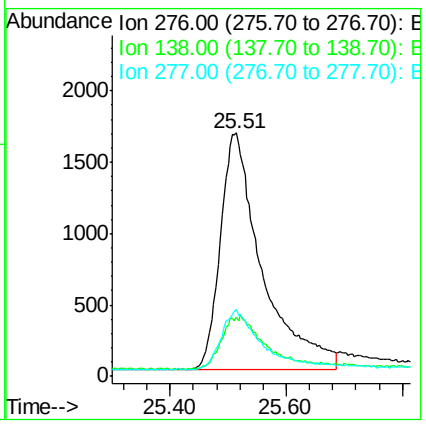


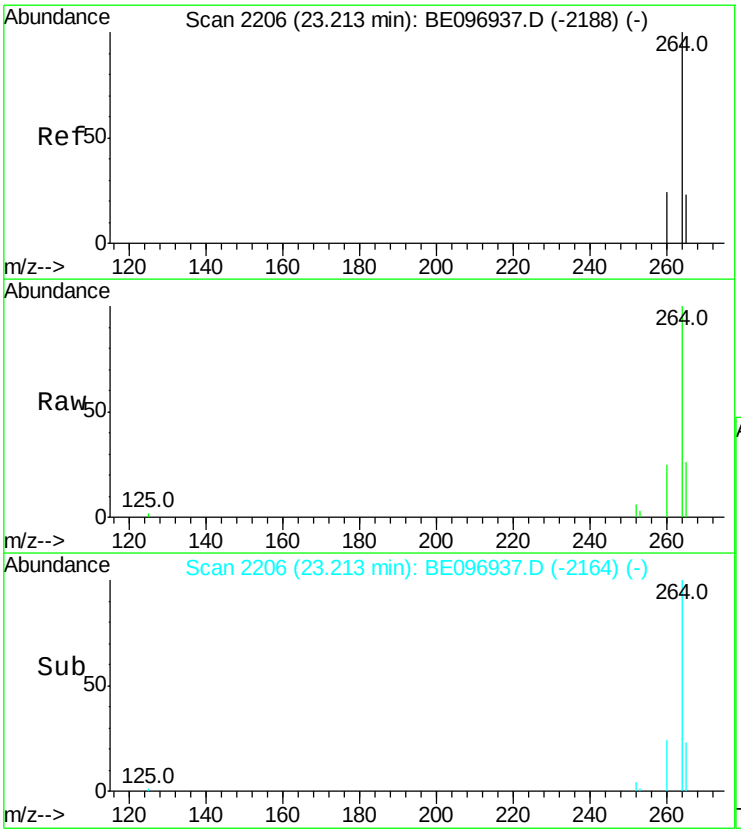
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.356 ng
RT: 25.51 min Scan# 2847
Delta R.T. 0.00 min
Lab File: BE096937.D
Acq: 16 Jul 2018 13:37

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 8248

Ion	Ratio	Lower	Upper
276	100		
138	7.6	22.5	33.7#
277	24.4	19.9	29.9

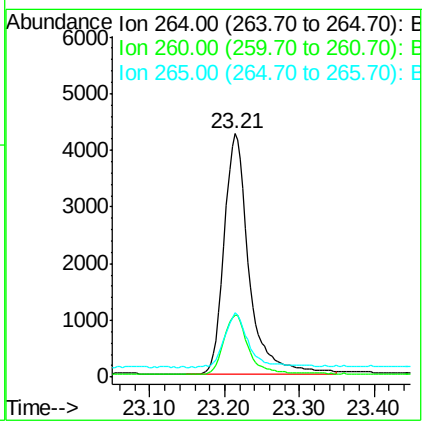


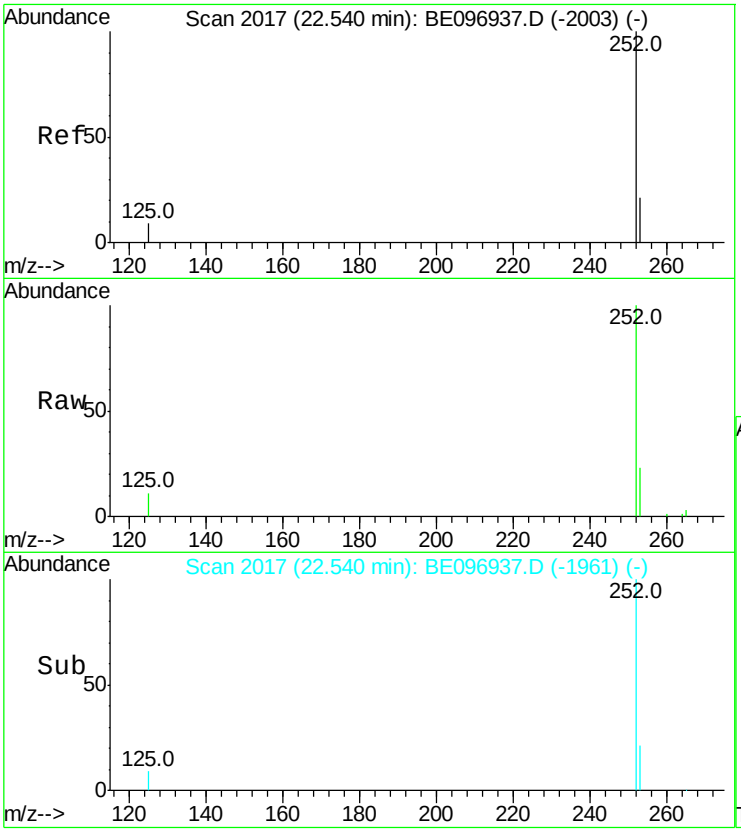


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.21 min Scan# 2206
Delta R.T. 0.00 min
Lab File: BE096937.D
Acq: 16 Jul 2018 13:37

Tgt Ion:264 Resp: 9854

Ion	Ratio	Lower	Upper
264	100		
260	25.3	20.5	30.7
265	26.3	22.8	34.2



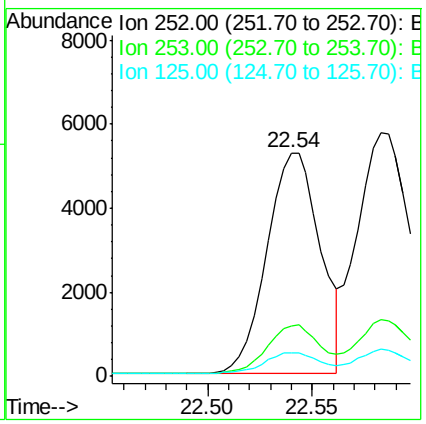


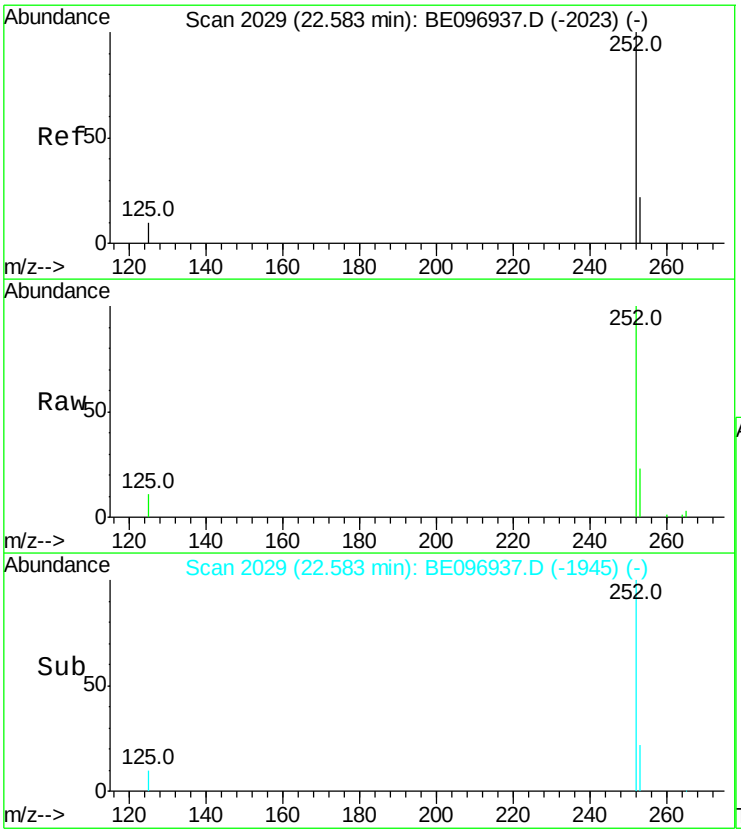
#35
Benzo(b)fluoranthene
Concen: 0.372 ng
RT: 22.54 min Scan# 2017
Delta R.T. 0.00 min
Lab File: BE096937.D
Acq: 16 Jul 2018 13:37

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 9349

Ion	Ratio	Lower	Upper
252	100		
253	22.7	20.0	30.0
125	10.6	16.0	24.0#

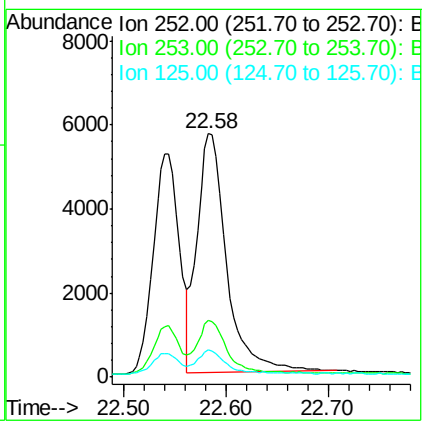


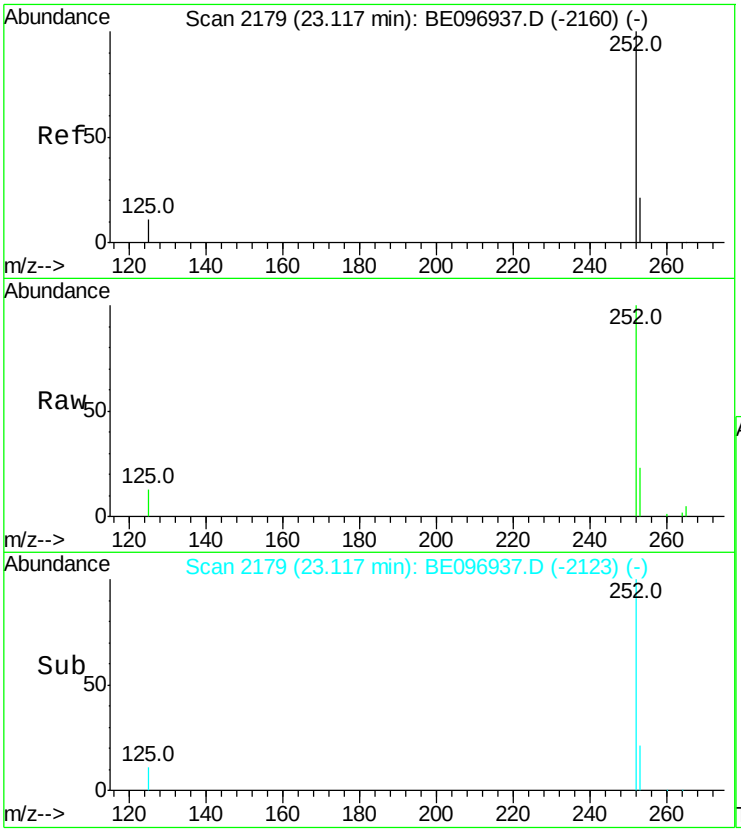


#36
Benzo(k)fluoranthene
Concen: 0.383 ng
RT: 22.58 min Scan# 2029
Delta R.T. 0.00 min
Lab File: BE096937.D
Acq: 16 Jul 2018 13:37

Tgt Ion:252 Resp: 11444

Ion	Ratio	Lower	Upper
252	100		
253	23.1	16.0	24.0
125	10.9	8.0	12.0



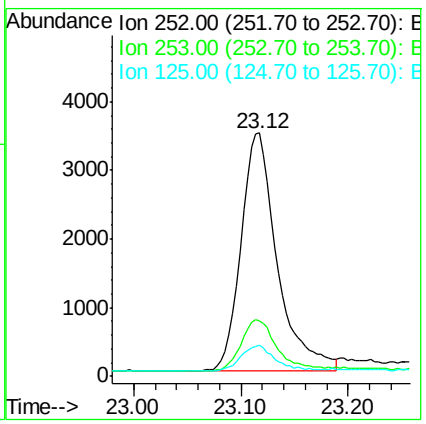


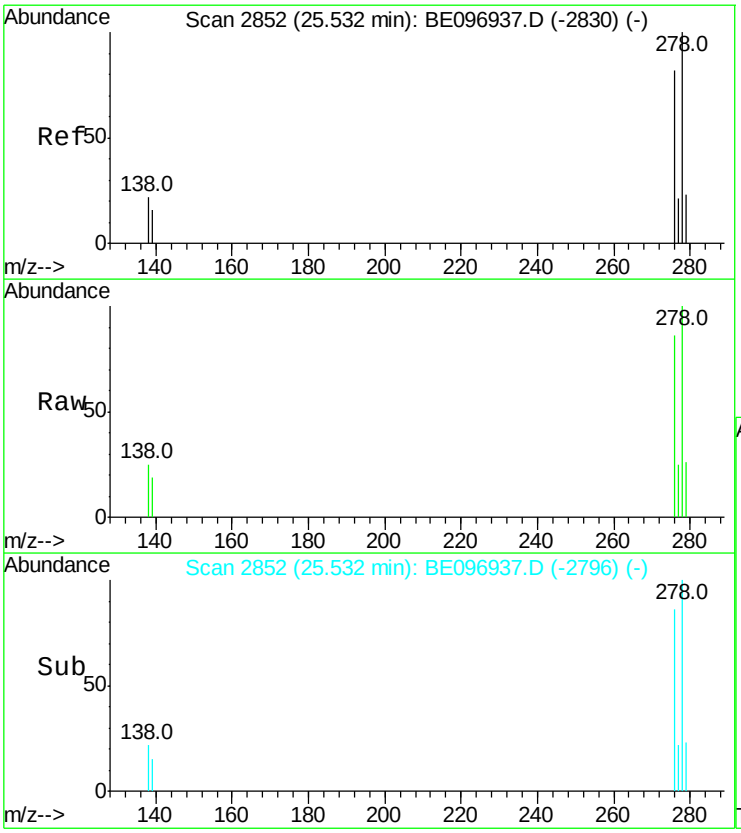
#37
Benzo(a)pyrene
Concen: 0.385 ng
RT: 23.12 min Scan# 2179
Delta R.T. 0.00 min
Lab File: BE096937.D
Acq: 16 Jul 2018 13:37

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 8124

Ion	Ratio	Lower	Upper
252	100		
253	22.6	16.0	24.0
125	12.9	12.0	18.0

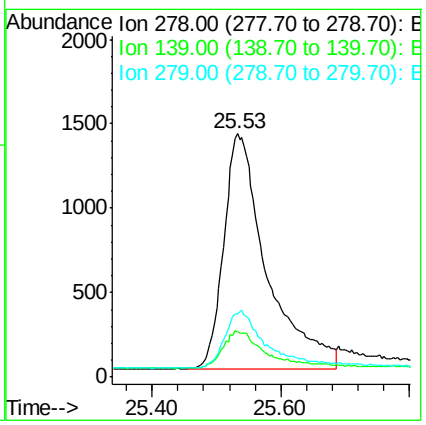


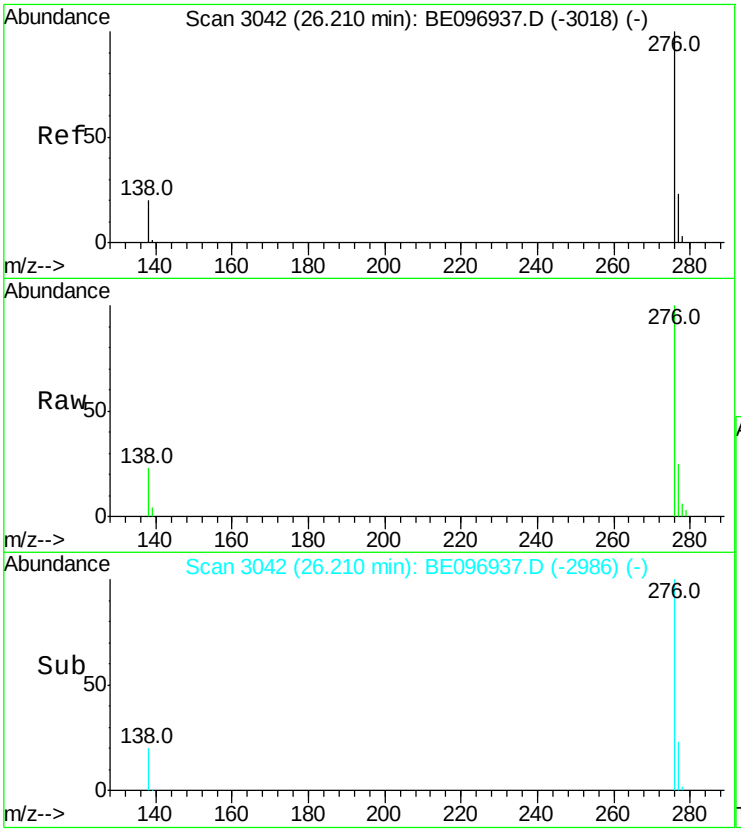


#38
Dibenzo(a,h)anthracene
Concen: 0.381 ng
RT: 25.53 min Scan# 2852
Delta R.T. 0.00 min
Lab File: BE096937.D
Acq: 16 Jul 2018 13:37

Tgt Ion:278 Resp: 6475

Ion	Ratio	Lower	Upper
278	100		
139	18.7	16.0	24.0
279	26.1	20.0	30.0





#39
Benzo(g,h,i)perylene
Concen: 0.361 ng
RT: 26.21 min Scan# 3042
Delta R.T. 0.00 min
Lab File: BE096937.D
Acq: 16 Jul 2018 13:37

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 7390

Ion	Ratio	Lower	Upper
276	100		
277	24.6	16.0	24.0#
138	22.7	20.0	30.0