Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE071918\
Data File : BE097014.D
Acq On : 19 Jul 2018 20:48
Operator : SJ/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : SSTDCCC0.4EC

Quant Time: Jul 20 04:33:44 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	7.39	152	1466	0.40	ng		-0.01
7) Naphthalene-d8	10.15	136	7250	0.40	ng		0.00
13) Acenaphthene-d10	14.01	164	4442	0.40	ng		-0.01
19) Phenanthrene-d10	16.77	188	12592	0.40	ng		-0.01
27) Chrysene-d12	20.98	240	12583	0.40	ng		0.00
34) Perylene-d12	23.21	264	11885	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.05	112	1495	0.43	ng		0.00
5) Phenol-d6	6.60	99	2146	0.40	ng		0.00
8) Nitrobenzene-d5	8.53	82	2256	0.43	ng		0.00
11) 2-Methylnaphthalene-d10	11.73	152	3926	0.37	ng		0.00
14) 2,4,6-Tribromophenol	15.52	330	485	0.48	ng		0.00
15) 2-Fluorobiphenyl	12.63	172	5815	0.35	ng		-0.01
25) Fluoranthene-d10	18.81	212	47343	0.43	ng		0.00
29) Terphenyl-d14	19.43	244	9002	0.37	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.09	88	851	0.406	ng	#	84
3) n-Nitrosodimethylamine	3.38	42	1024	0.434	ng		87
6) bis(2-Chloroethyl)ether	6.84	93	2015	0.384	ng		98
9) Naphthalene	10.20	128	24400	0.376	ng		100
10) Hexachlorobutadiene	10.50	225	1120	0.427	ng		97
12) 2-Methylnaphthalene	11.80	142	4145	0.377	ng		99
16) Acenaphthylene	13.74	152	7447	0.367	ng		100
17) Acenaphthene	14.08	154	4468	0.354	ng	#	93
18) Fluorene	15.08	166	5767	0.407	ng	#	79
20) 4-Bromophenyl-phenylether	15.97	248	2258	0.379	ng	#	82
21) Hexachlorobenzene	16.08	284	2476	0.374	ng	#	82
22) Pentachlorophenol	16.43	266	552	0.549	ng	#	76
23) Phenanthrene	16.81	178	11322	0.375	ng		99
24) Anthracene	16.90	178	9883	0.377	ng		95
26) Fluoranthene	18.84	202	13018	0.409	ng		98
28) Pyrene	19.21	202	13019	0.351	ng		99
30) Benzo(a)anthracene	20.95	228	11628	0.388	ng		98
31) Chrysene	21.01	228	12557	0.374	ng		99
32) Bis(2-ethylhexyl)phthalate	20.93	149	11817	0.395	ng		99
33) Indeno(1,2,3-cd)pyrene	25.51	276	12292	0.502	ng	#	93
35) Benzo(b)fluoranthene	22.54	252	10427	0.344	ng	#	88
36) Benzo(k)fluoranthene	22.58	252	12071	0.335	ng		96
37) Benzo(a)pyrene	23.11	252	9176	0.367	ng	#	93
38) Dibenzo(a,h)anthracene	25.54	278	10482	0.471	ng	#	95
39) Benzo(g,h,i)perylene	26.21	276	10744	0.436	ng	#	89

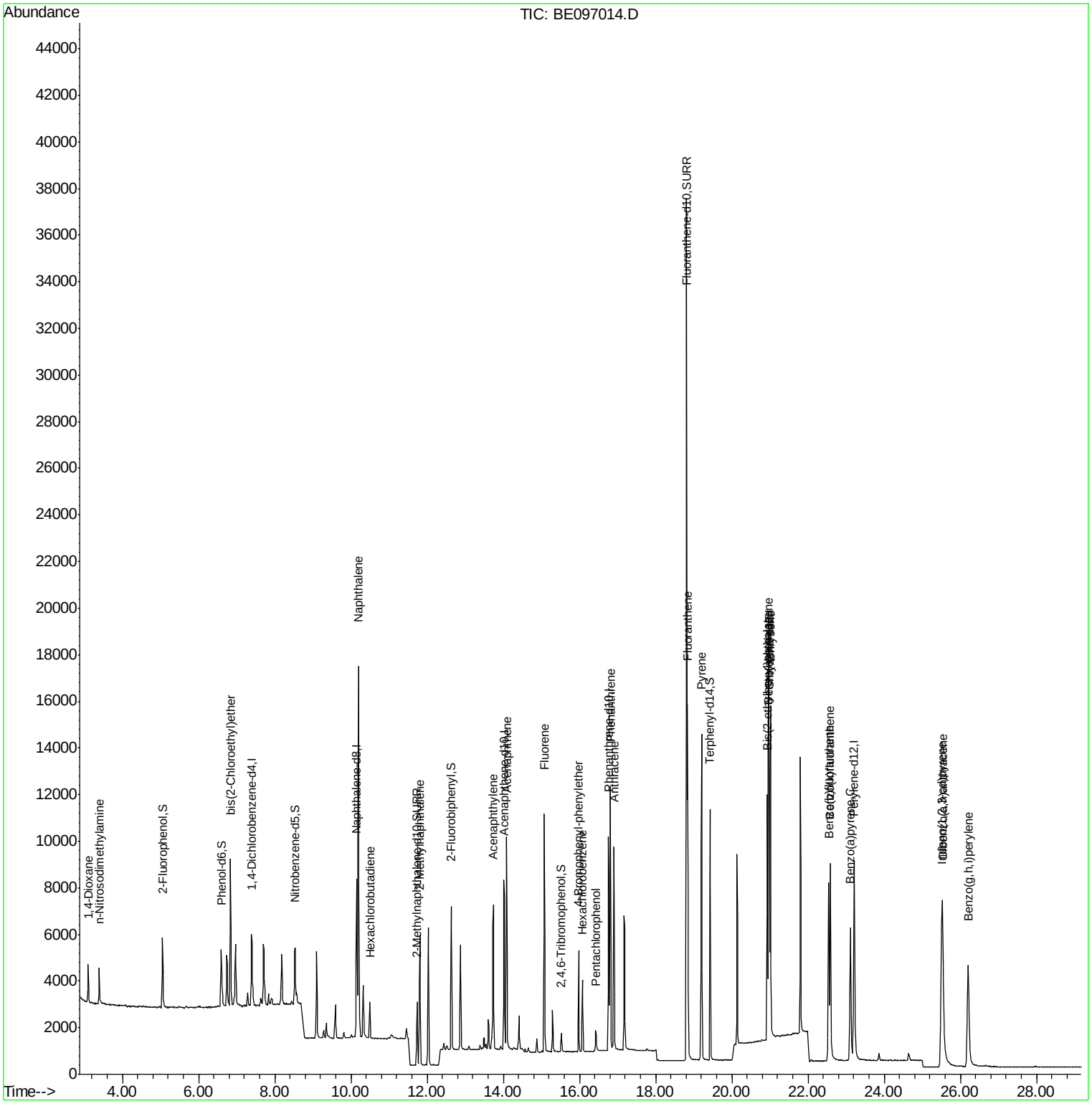
(#) = qualifier out of range (m) = manual integration (+) = signals summed

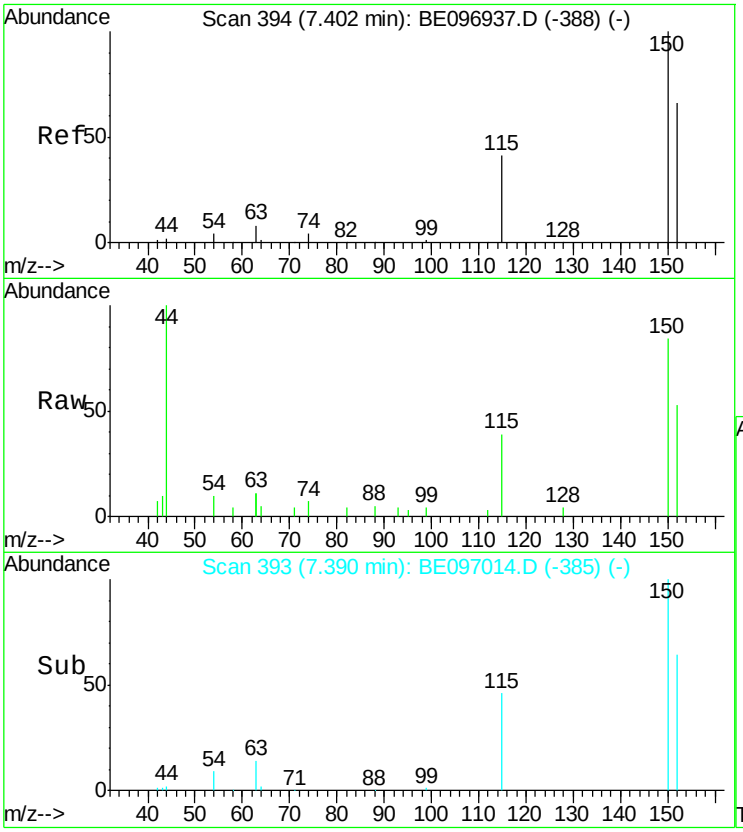
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE071918\
Data File : BE097014.D
Acq On : 19 Jul 2018 20:48
Operator : SJ/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Quant Time: Jul 20 04:33:44 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



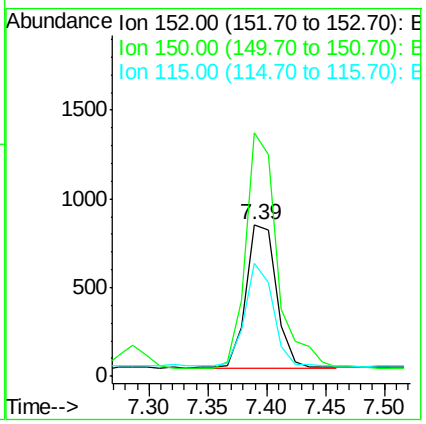


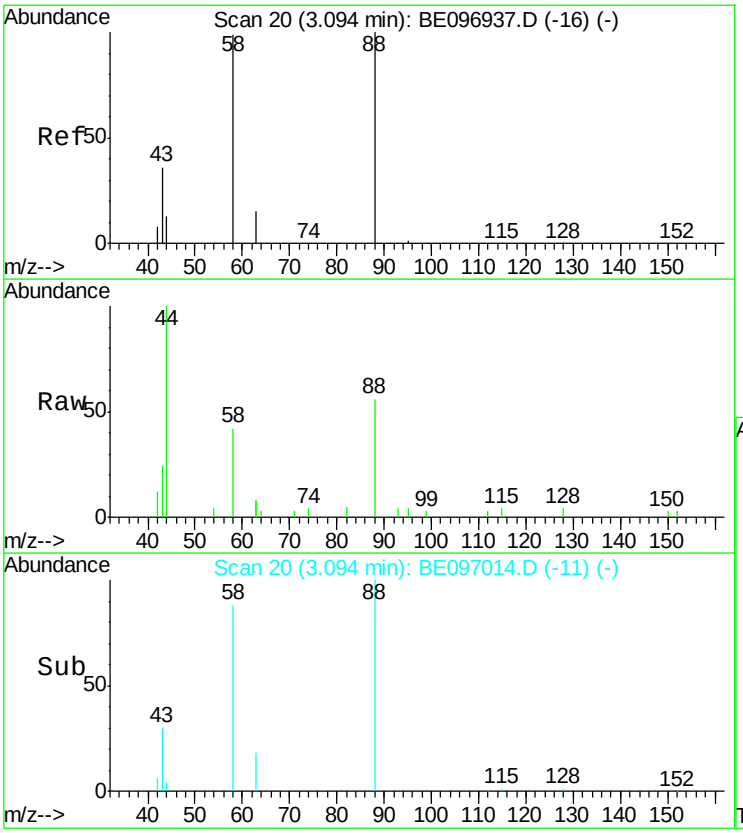
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.39 min Scan# 393
Delta R.T. -0.01 min
Lab File: BE097014.D
Acq: 19 Jul 2018 20:48

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:152 Resp: 1466

Ion	Ratio	Lower	Upper
152	100		
150	160.7	117.2	175.8
115	74.2	57.0	85.6

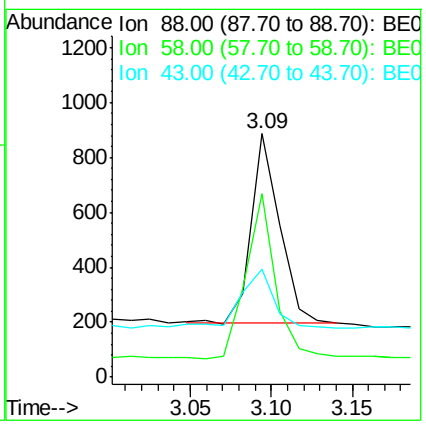


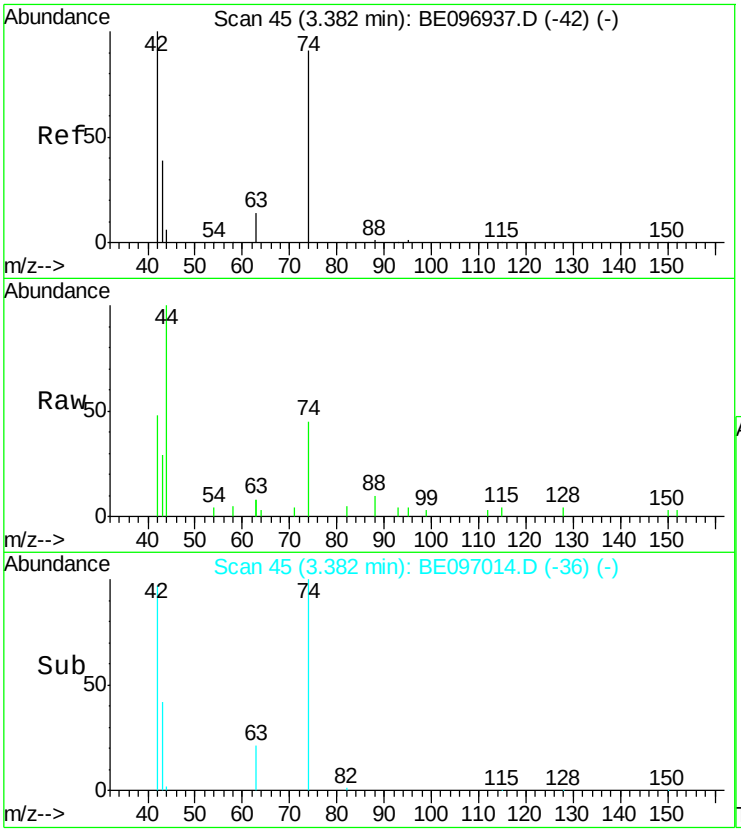


#2
1,4-Dioxane
Concen: 0.406 ng
RT: 3.09 min Scan# 20
Delta R.T. -0.00 min
Lab File: BE097014.D
Acq: 19 Jul 2018 20:48

Tgt Ion: 88 Resp: 851

Ion	Ratio	Lower	Upper
88	100		
58	90.8	63.2	94.8
43	38.2	41.2	61.8#



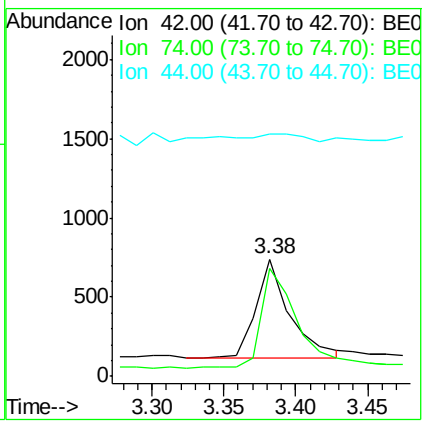


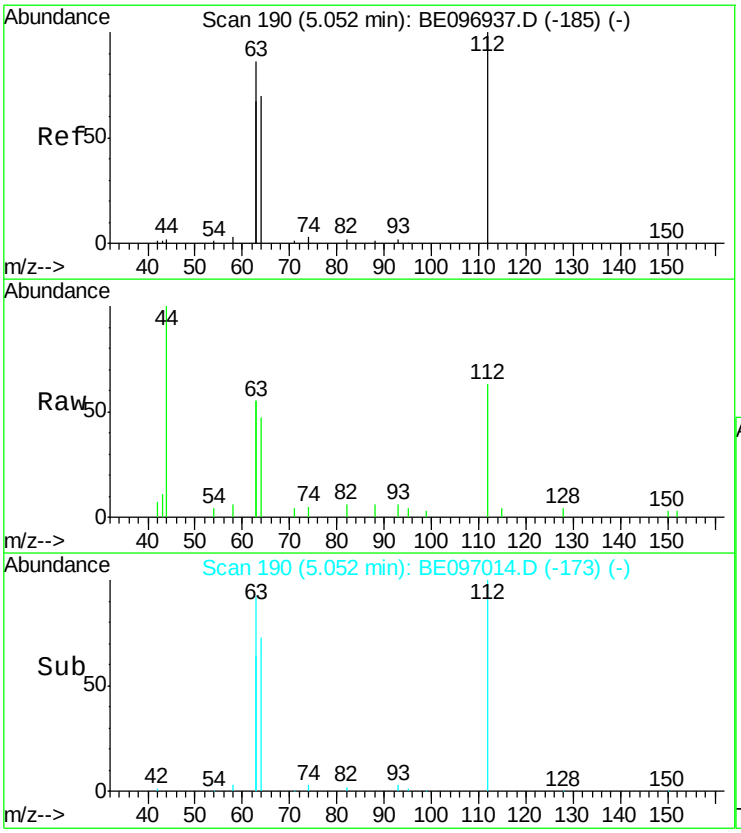
#3
n-Nitrosodimethylamine
Concen: 0.434 ng
RT: 3.38 min Scan# 45
Delta R.T. -0.00 min
Lab File: BE097014.D
Acq: 19 Jul 2018 20:48

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion: 42 Resp: 1024

Ion	Ratio	Lower	Upper
42	100		
74	104.2	96.0	144.0
44	14.0	12.0	18.0

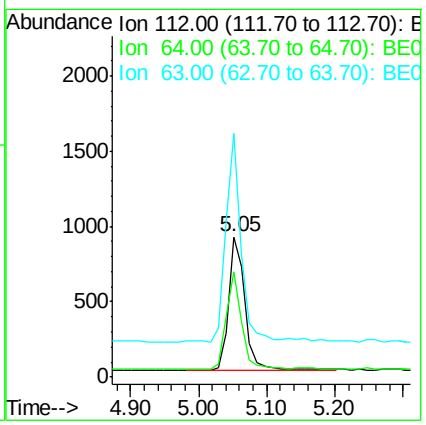


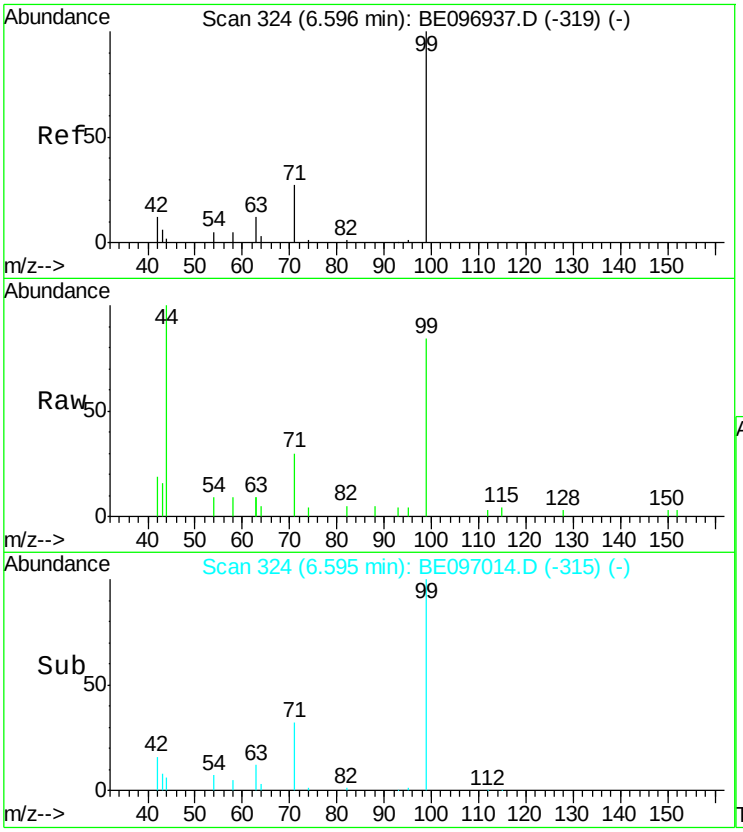


#4
2-Fluorophenol
Concen: 0.426 ng
RT: 5.05 min Scan# 190
Delta R.T. -0.00 min
Lab File: BE097014.D
Acq: 19 Jul 2018 20:48

Tgt Ion:112 Resp: 1495

Ion	Ratio	Lower	Upper
112	100		
64	68.2	60.1	90.1
63	146.5	116.8	175.2



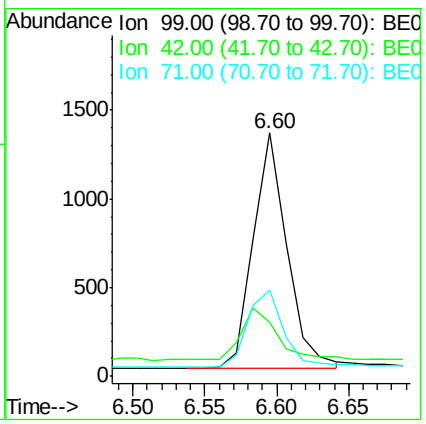


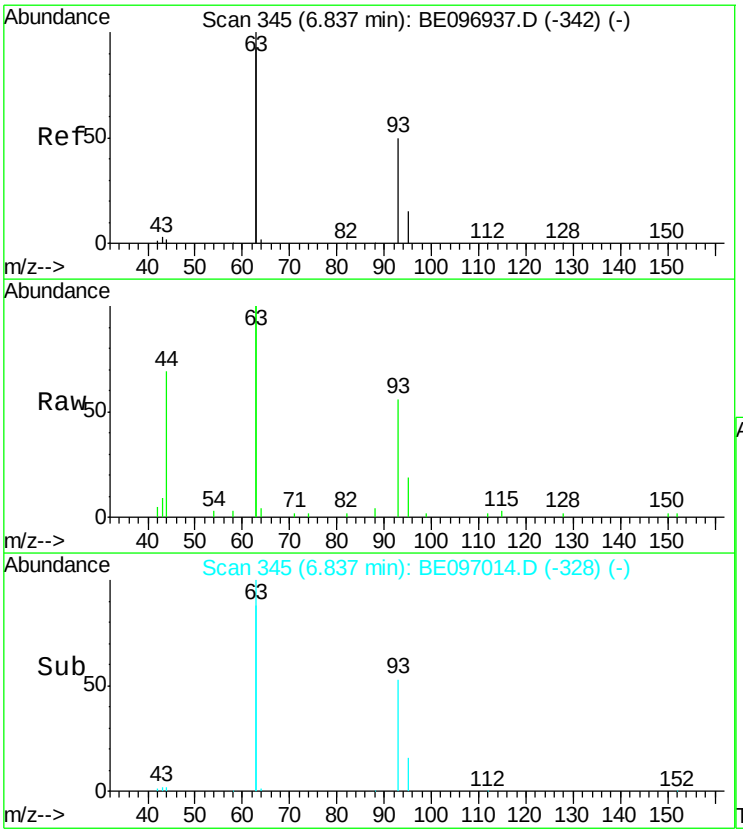
#5
Phenol-d6
Concen: 0.401 ng
RT: 6.60 min Scan# 324
Delta R.T. -0.00 min
Lab File: BE097014.D
Acq: 19 Jul 2018 20:48

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion: 99 Resp: 2146

Ion	Ratio	Lower	Upper
99	100		
42	23.6	20.2	30.2
71	35.5	28.4	42.6

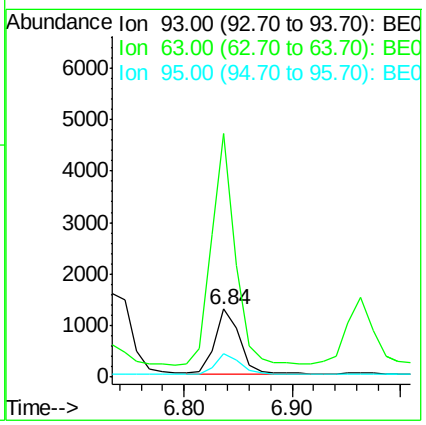


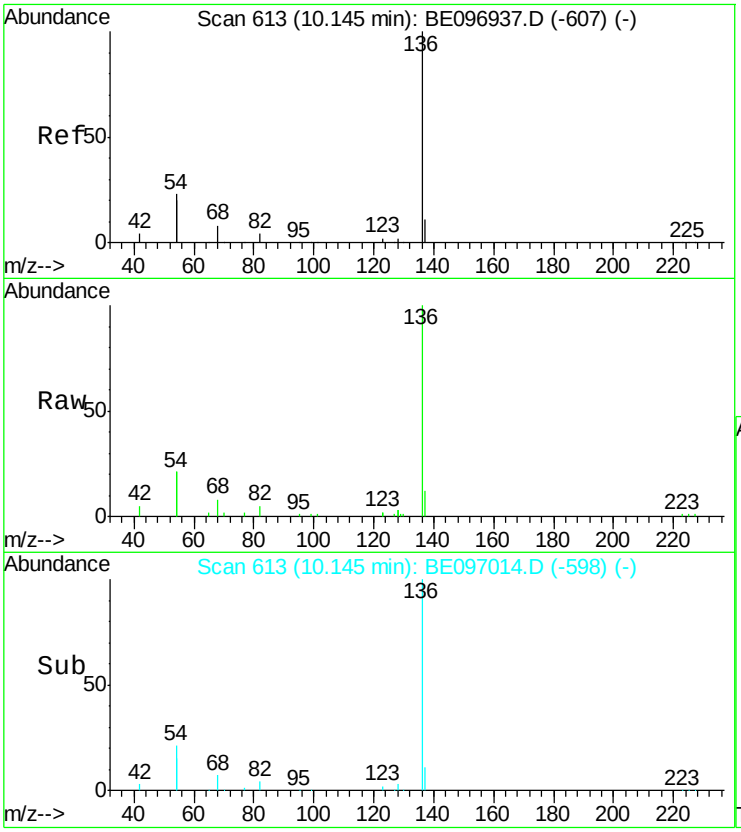


#6
bis(2-Chloroethyl)ether
Concen: 0.384 ng
RT: 6.84 min Scan# 345
Delta R.T. -0.00 min
Lab File: BE097014.D
Acq: 19 Jul 2018 20:48

Tgt Ion: 93 Resp: 2015

Ion	Ratio	Lower	Upper
93	100		
63	340.0	275.3	412.9
95	32.3	25.2	37.8



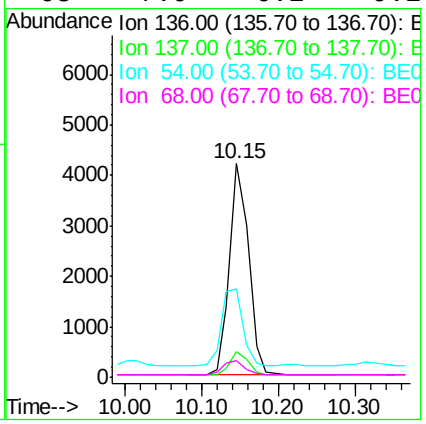


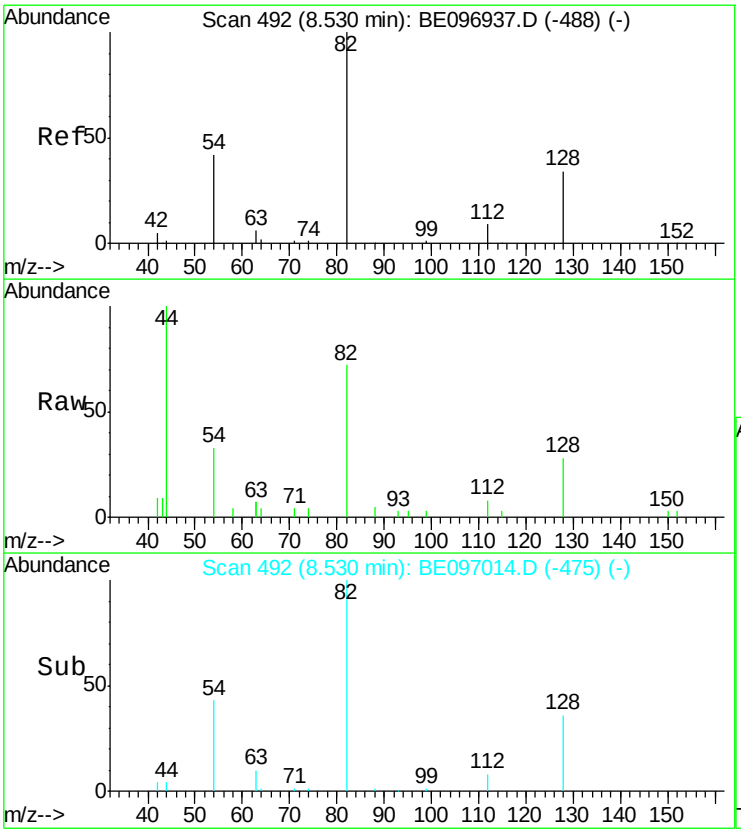
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.15 min Scan# 613
Delta R.T. -0.00 min
Lab File: BE097014.D
Acq: 19 Jul 2018 20:48

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:136 Resp: 7250

Ion	Ratio	Lower	Upper
136	100		
137	11.7	9.5	14.3
54	41.6	29.1	43.7
68	7.9	6.2	9.2

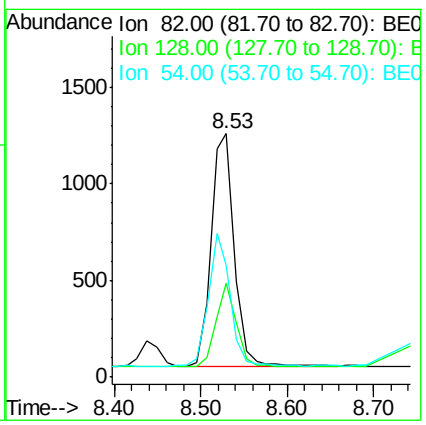


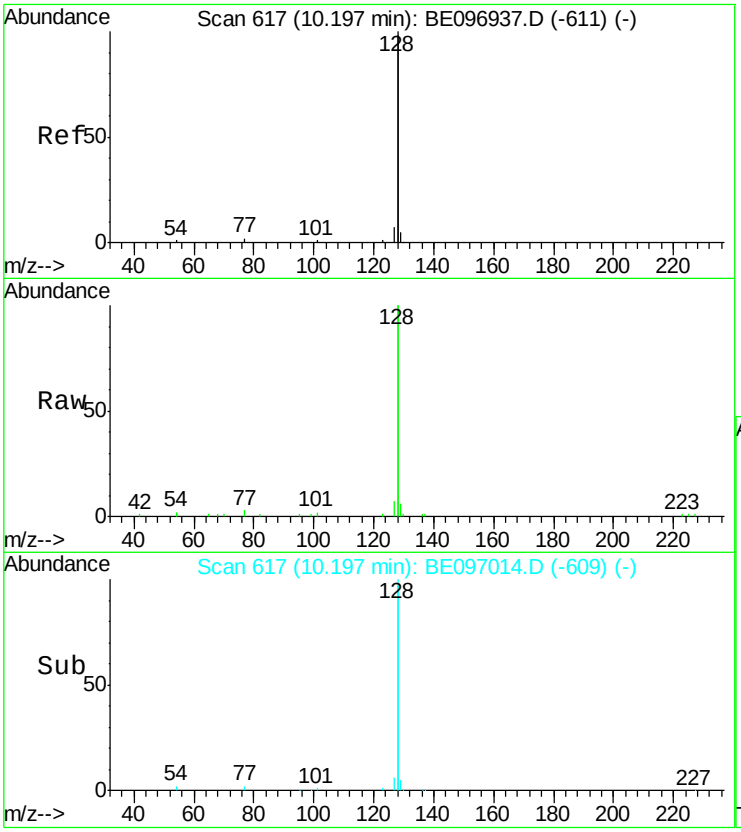


#8
Nitrobenzene-d5
Concen: 0.427 ng
RT: 8.53 min Scan# 492
Delta R.T. -0.00 min
Lab File: BE097014.D
Acq: 19 Jul 2018 20:48

Tgt Ion: 82 Resp: 2256

Ion	Ratio	Lower	Upper
82	100		
128	38.7	24.0	36.0#
54	45.8	40.0	60.0



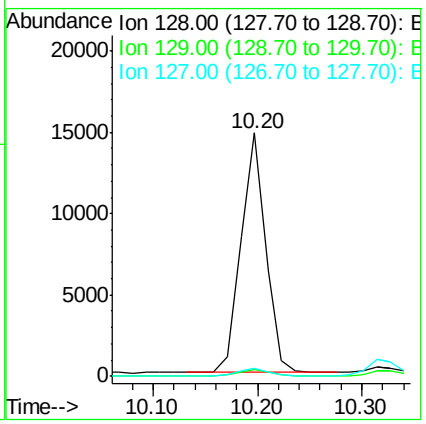


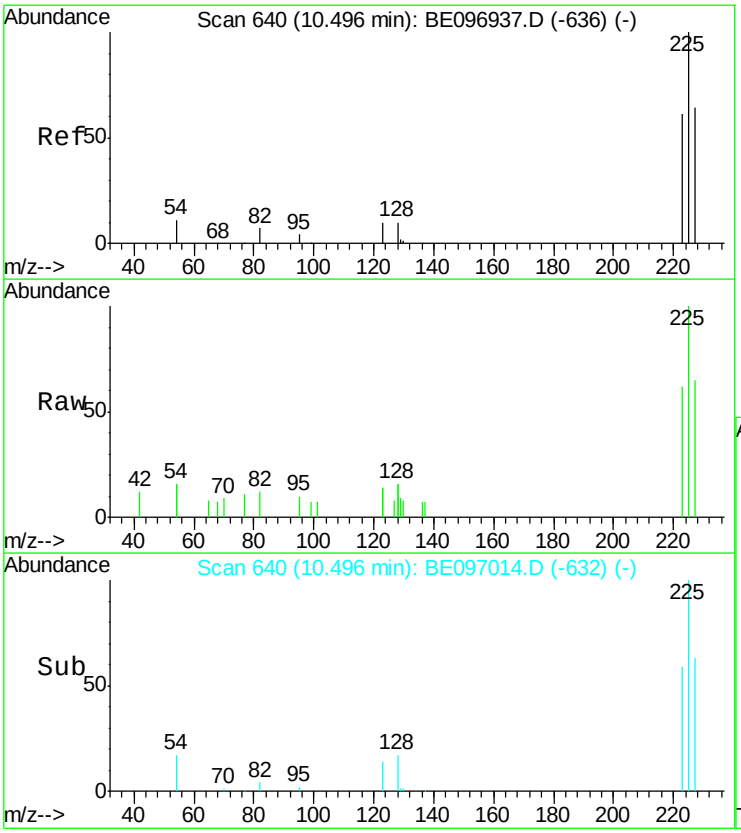
#9
Naphthalene
Concen: 0.376 ng
RT: 10.20 min Scan# 617
Delta R.T. -0.00 min
Lab File: BE097014.D
Acq: 19 Jul 2018 20:48

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:128 Resp: 24400

Ion	Ratio	Lower	Upper
128	100		
129	3.0	2.6	3.8
127	3.5	2.8	4.2

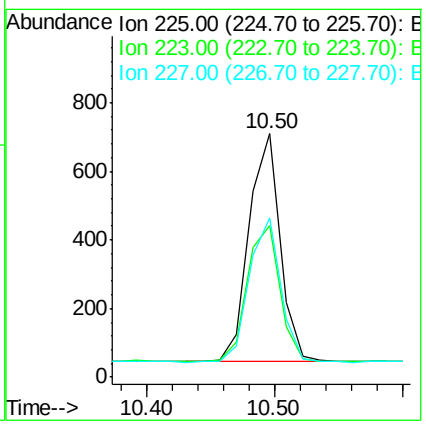


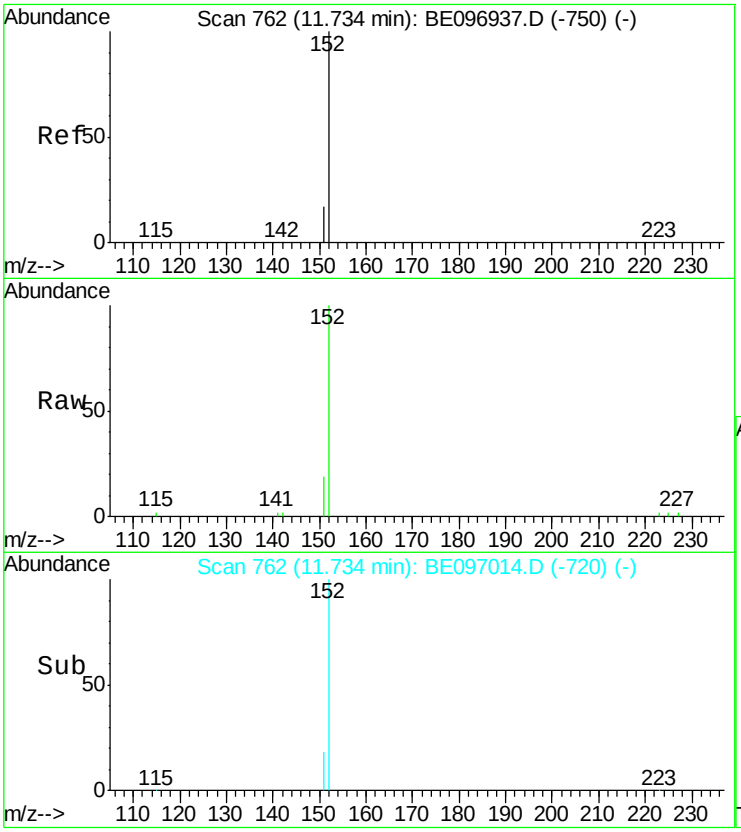


#10
Hexachlorobutadiene
Concen: 0.427 ng
RT: 10.50 min Scan# 640
Delta R.T. -0.00 min
Lab File: BE097014.D
Acq: 19 Jul 2018 20:48

Tgt Ion:225 Resp: 1120

Ion	Ratio	Lower	Upper
225	100		
223	62.1	53.0	79.6
227	64.6	51.4	77.2



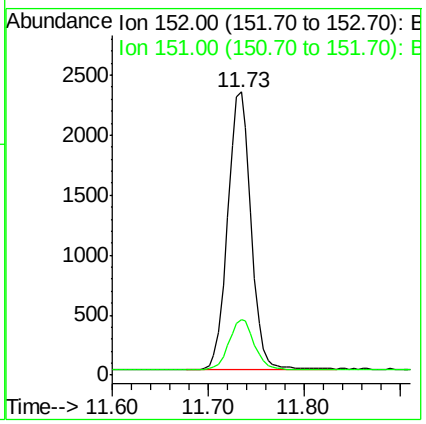


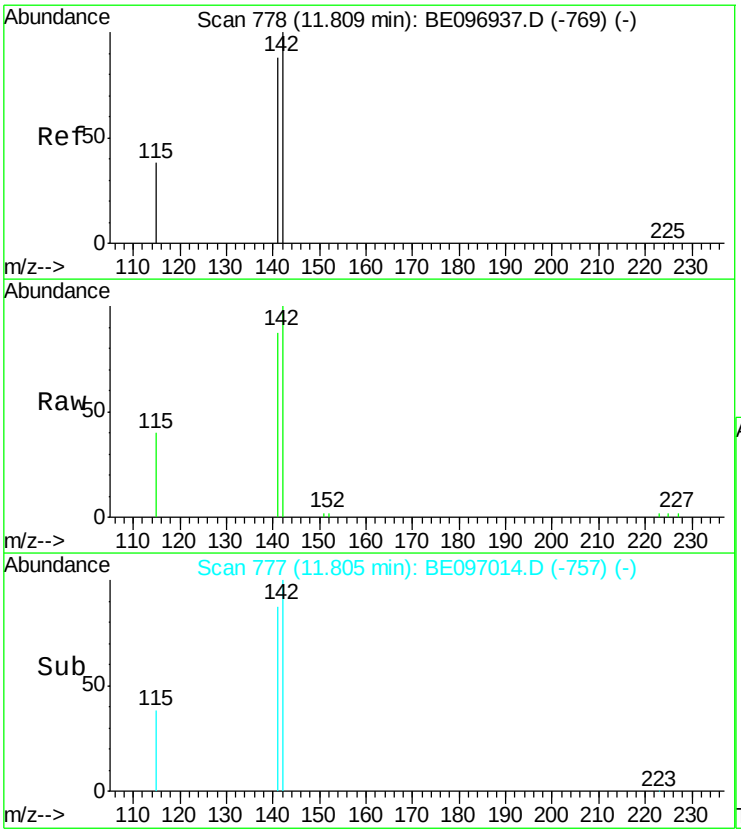
#11
2-Methylnaphthalene-d10
Concen: 0.372 ng
RT: 11.73 min Scan# 762
Delta R.T. 0.00 min
Lab File: BE097014.D
Acq: 19 Jul 2018 20:48

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:152 Resp: 3926

Ion	Ratio	Lower	Upper
152	100		
151	19.6	15.4	23.0

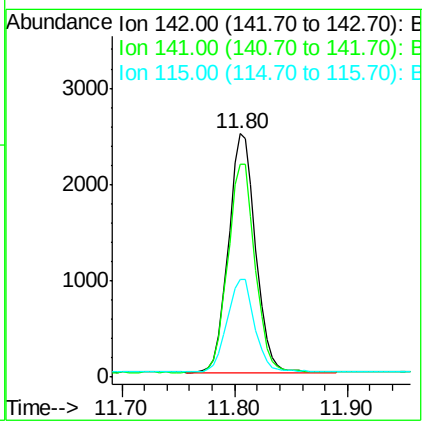


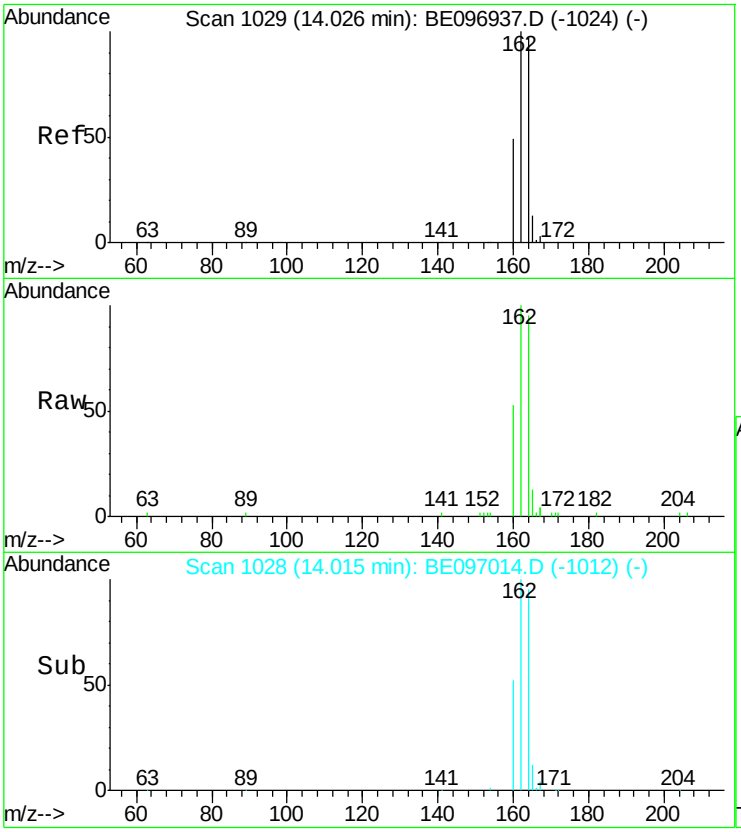


#12
2-Methylnaphthalene
Concen: 0.377 ng
RT: 11.80 min Scan# 777
Delta R.T. -0.00 min
Lab File: BE097014.D
Acq: 19 Jul 2018 20:48

Tgt Ion:142 Resp: 4145

Ion	Ratio	Lower	Upper
142	100		
141	87.3	70.4	105.6
115	40.0	31.7	47.5



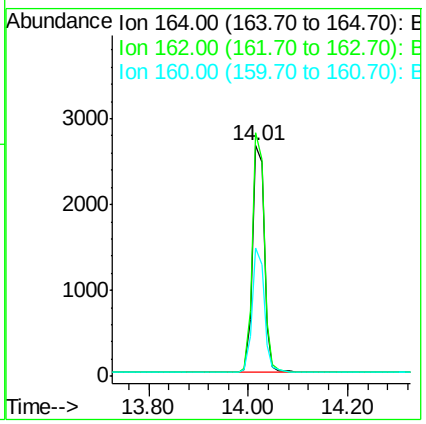


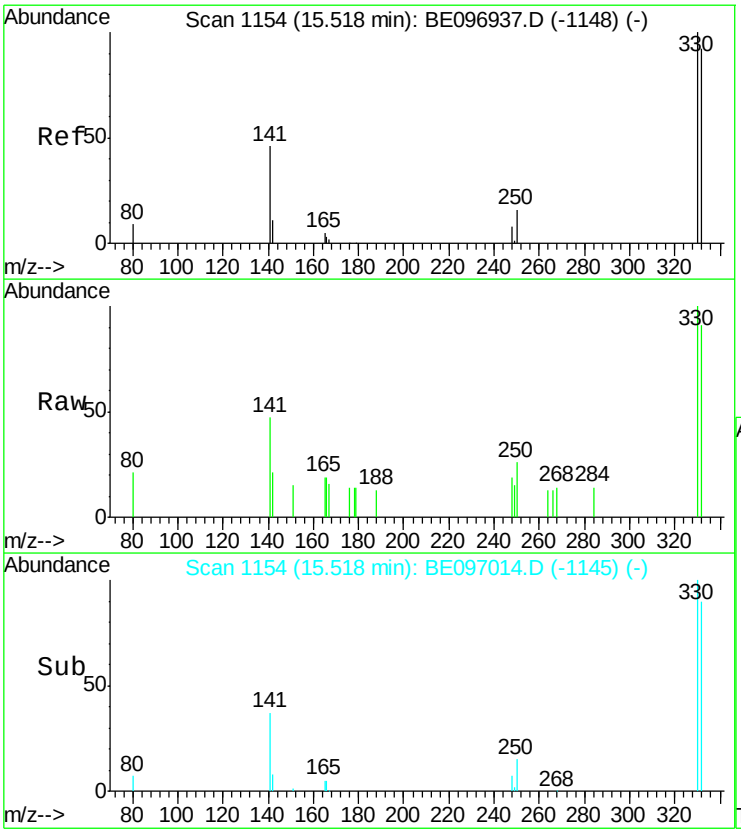
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.01 min Scan# 1028
Delta R.T. -0.01 min
Lab File: BE097014.D
Acq: 19 Jul 2018 20:48

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:164 Resp: 4442

Ion	Ratio	Lower	Upper
164	100		
162	105.5	83.1	124.7
160	55.6	37.1	55.7

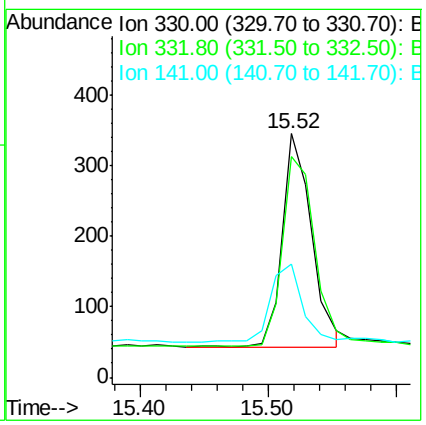


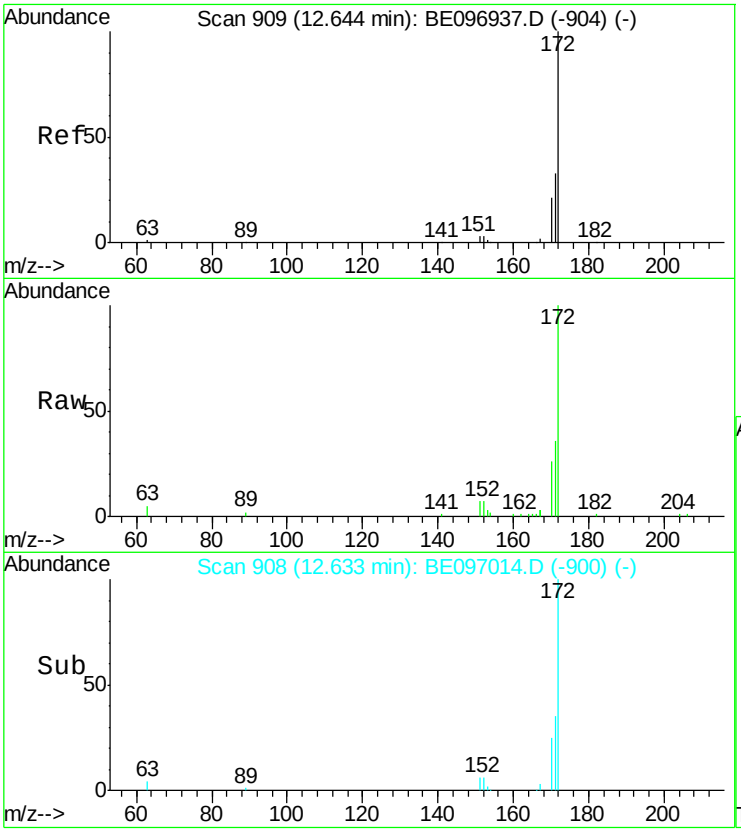


#14
2,4,6-Tribromophenol
Concen: 0.484 ng
RT: 15.52 min Scan# 1154
Delta R.T. 0.00 min
Lab File: BE097014.D
Acq: 19 Jul 2018 20:48

Tgt Ion:330 Resp: 485

Ion	Ratio	Lower	Upper
330	100		
332	96.5	152.7	229.1#
141	39.8	33.7	50.5



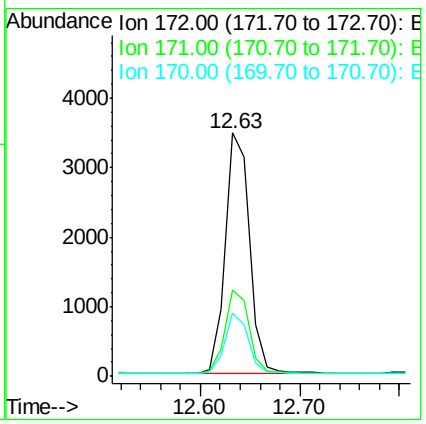


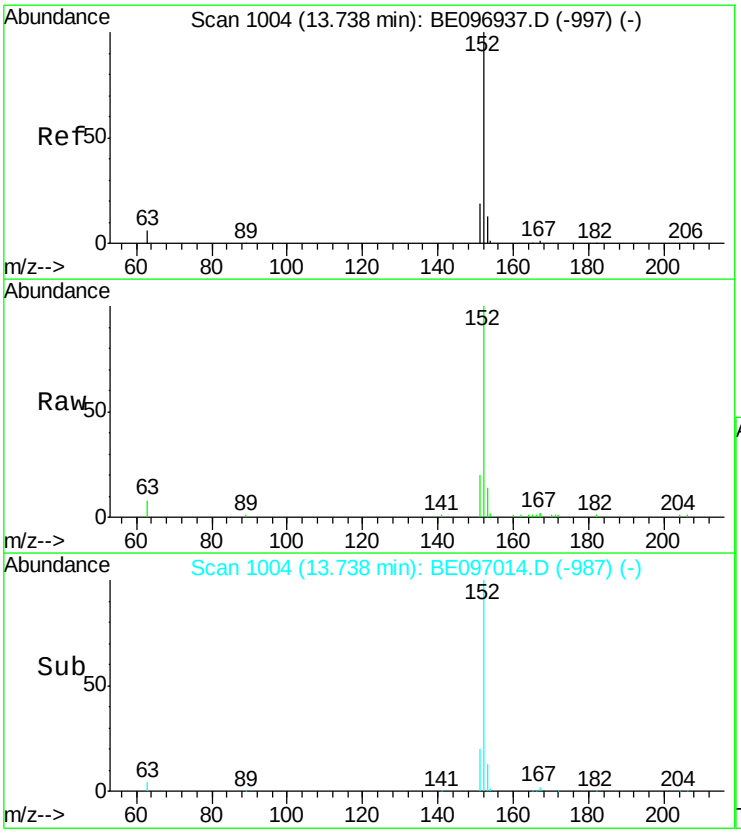
#15
2-Fluorobiphenyl
Concen: 0.352 ng
RT: 12.63 min Scan# 908
Delta R.T. -0.01 min
Lab File: BE097014.D
Acq: 19 Jul 2018 20:48

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:172 Resp: 5815

Ion	Ratio	Lower	Upper
172	100		
171	35.5	29.9	44.9
170	26.1	21.8	32.8

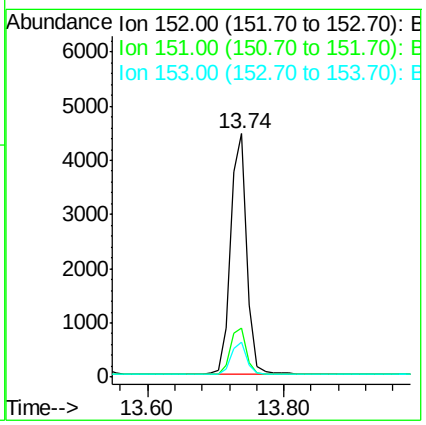


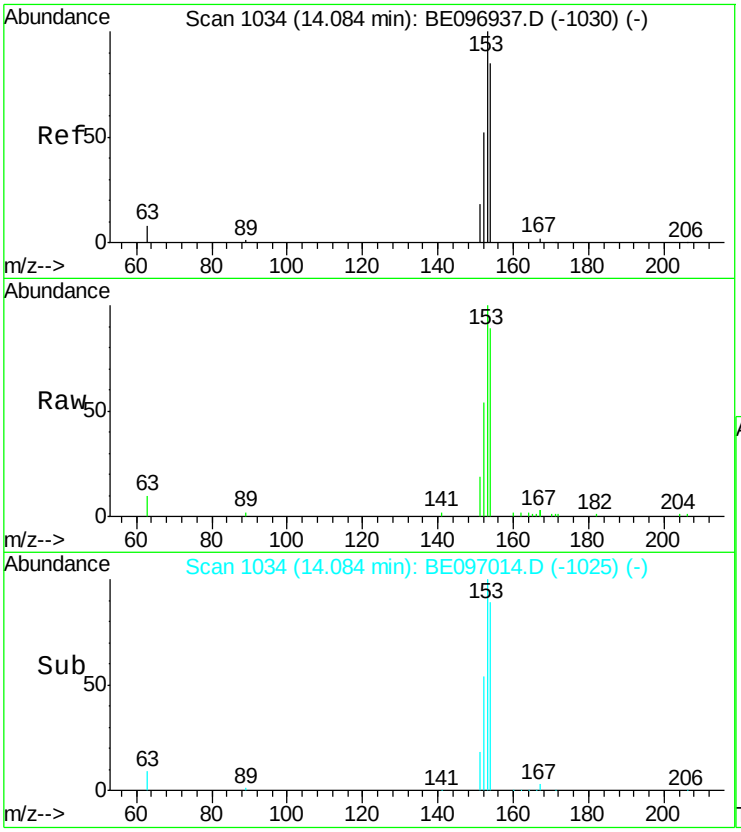


#16
Acenaphthylene
Concen: 0.367 ng
RT: 13.74 min Scan# 1004
Delta R.T. -0.00 min
Lab File: BE097014.D
Acq: 19 Jul 2018 20:48

Tgt Ion:152 Resp: 7447

Ion	Ratio	Lower	Upper
152	100		
151	19.8	15.7	23.5
153	13.0	10.5	15.7



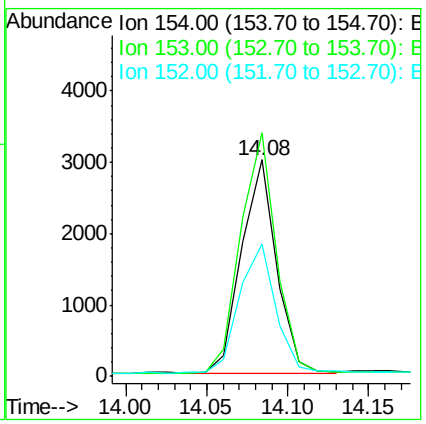


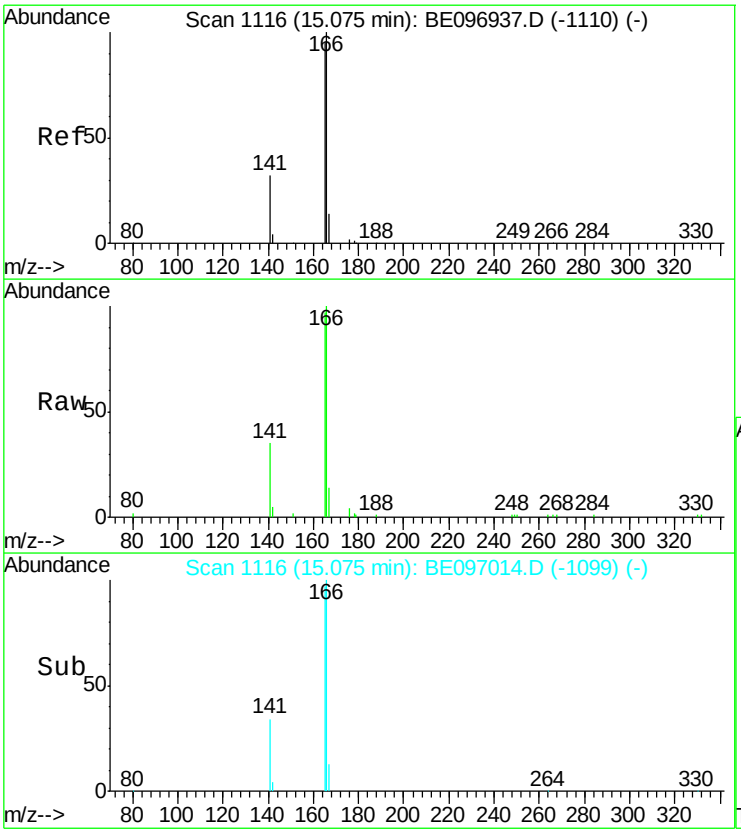
#17
Acenaphthene
Concen: 0.354 ng
RT: 14.08 min Scan# 1034
Delta R.T. -0.00 min
Lab File: BE097014.D
Acq: 19 Jul 2018 20:48

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:154 Resp: 4468

Ion	Ratio	Lower	Upper
154	100		
153	114.5	89.2	133.8
152	63.2	42.0	63.0#

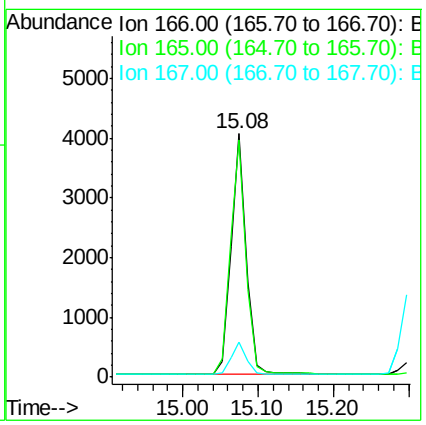


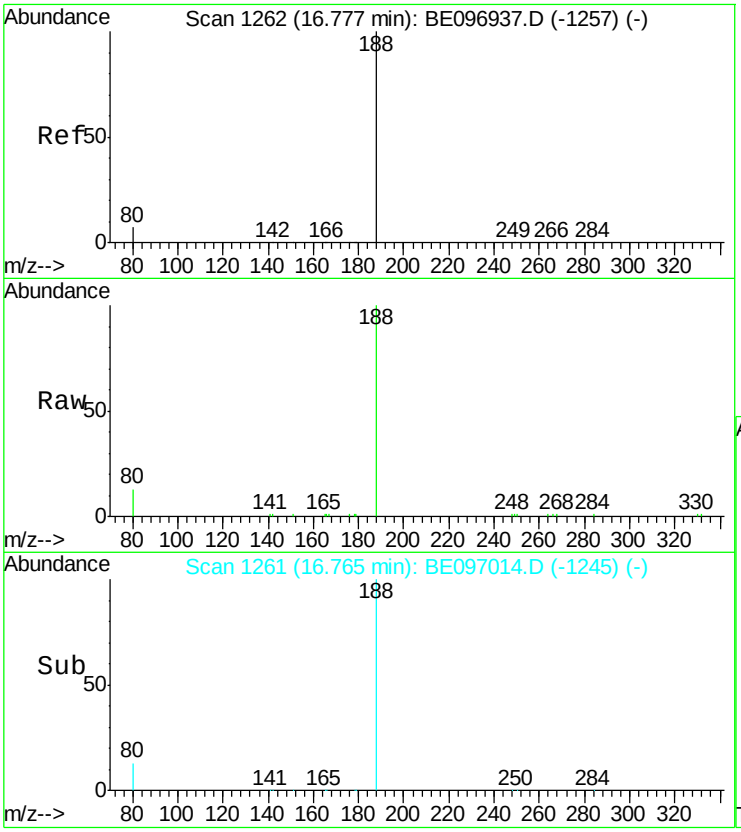


#18
Fluorene
Concen: 0.407 ng
RT: 15.08 min Scan# 1116
Delta R.T. 0.00 min
Lab File: BE097014.D
Acq: 19 Jul 2018 20:48

Tgt Ion:166 Resp: 5767

Ion	Ratio	Lower	Upper
166	100		
165	99.6	77.8	116.6
167	13.4	42.4	63.6#



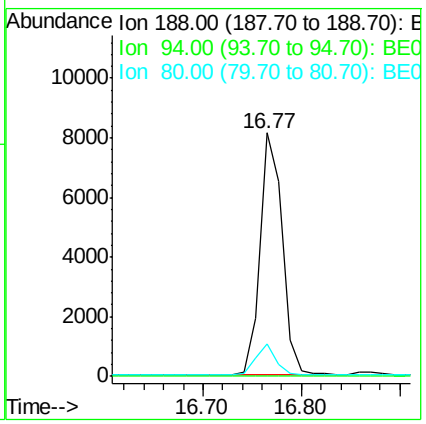


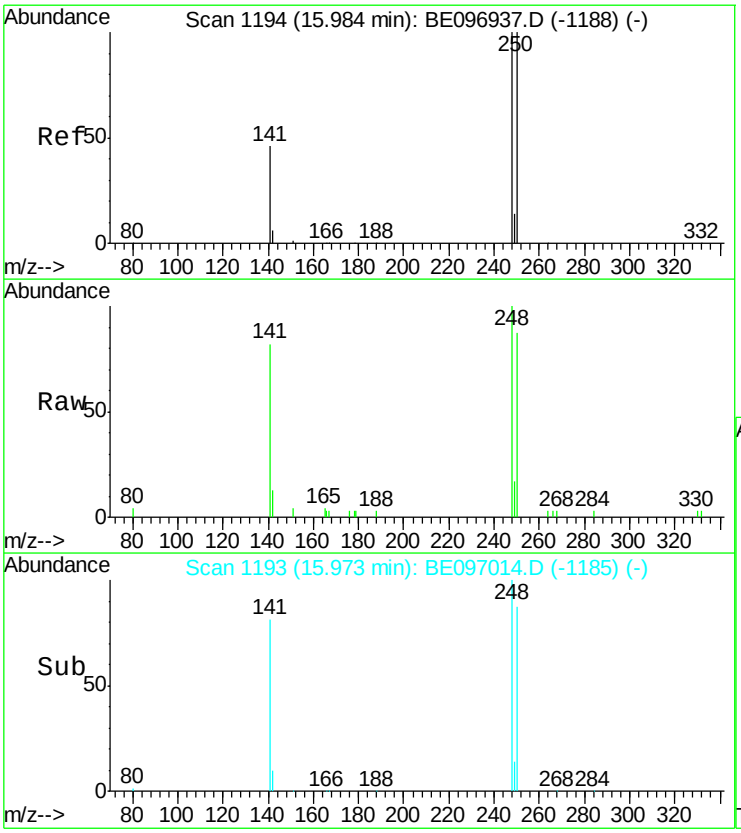
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.77 min Scan# 1261
Delta R.T. -0.01 min
Lab File: BE097014.D
Acq: 19 Jul 2018 20:48

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:188 Resp: 12592

Ion	Ratio	Lower	Upper
188	100		
94	0.0	3.9	5.9#
80	13.4	3.6	5.4#

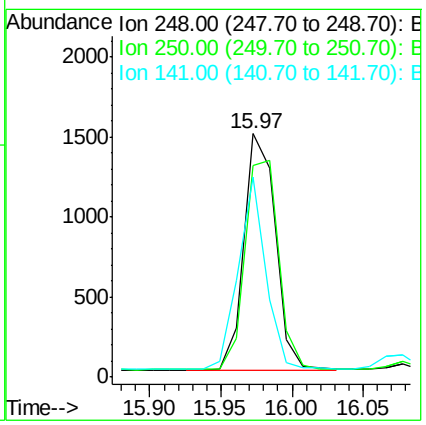


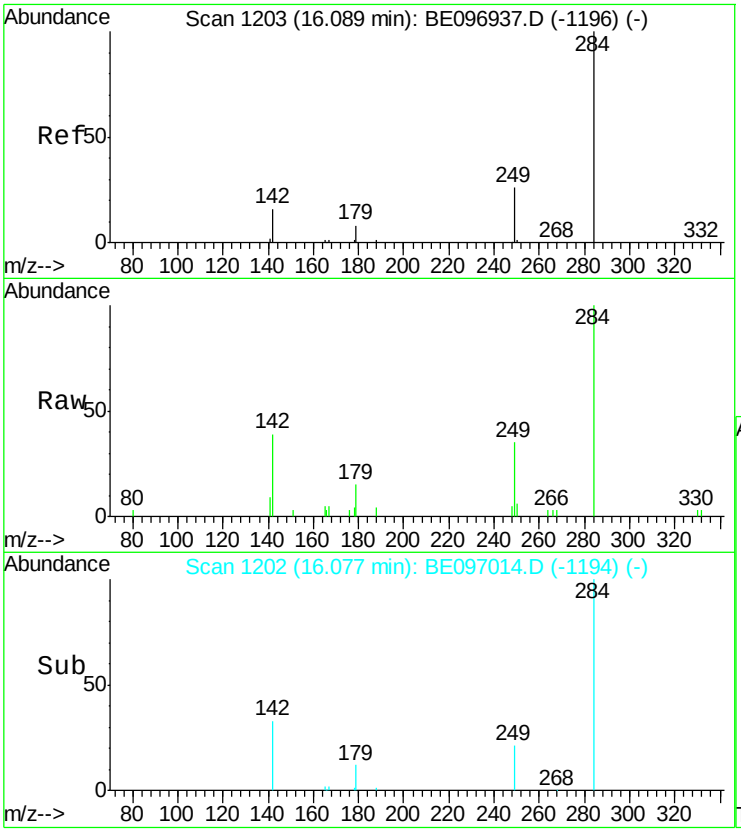


#20
4-Bromophenyl-phenylether
Concen: 0.379 ng
RT: 15.97 min Scan# 1193
Delta R.T. -0.01 min
Lab File: BE097014.D
Acq: 19 Jul 2018 20:48

Tgt Ion:248 Resp: 2258

Ion	Ratio	Lower	Upper
248	100		
250	87.1	62.7	94.1
141	82.1	48.2	72.2#



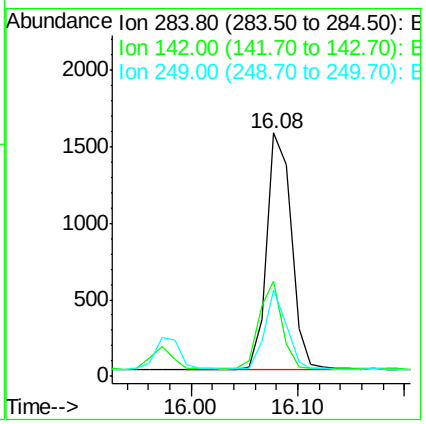


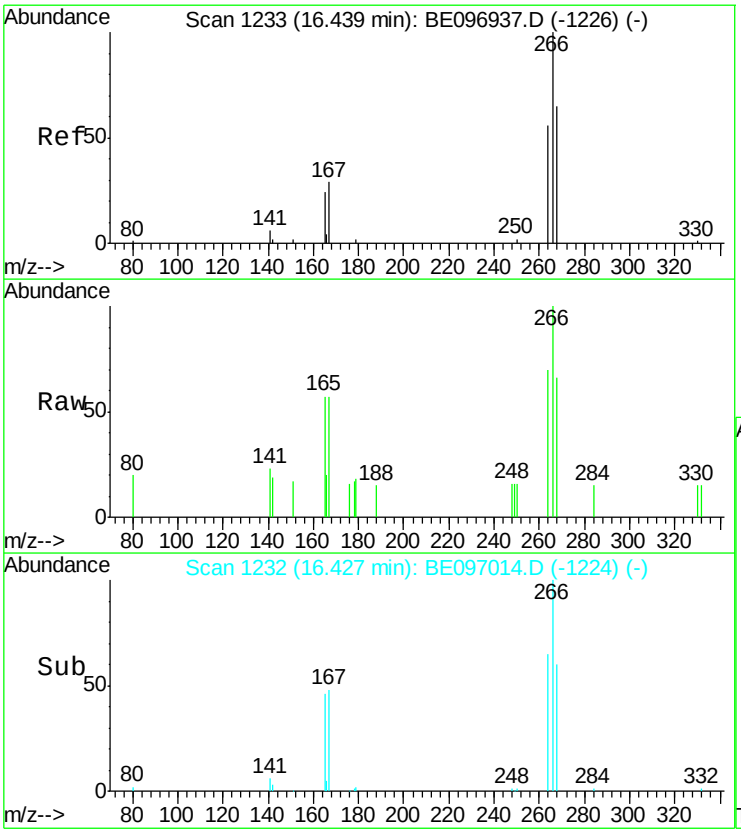
#21
Hexachlorobenzene
Concen: 0.374 ng
RT: 16.08 min Scan# 1202
Delta R.T. -0.01 min
Lab File: BE097014.D
Acq: 19 Jul 2018 20:48

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:284 Resp: 2476

Ion	Ratio	Lower	Upper
284	100		
142	34.7	22.1	33.1#
249	29.9	34.8	52.2#

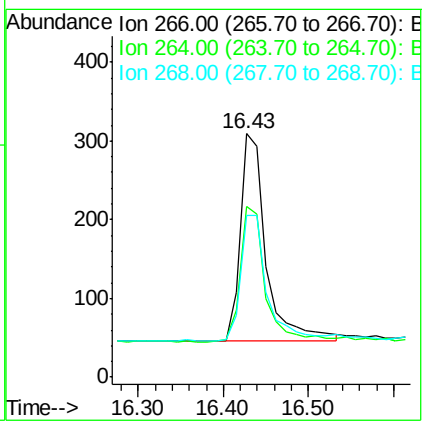


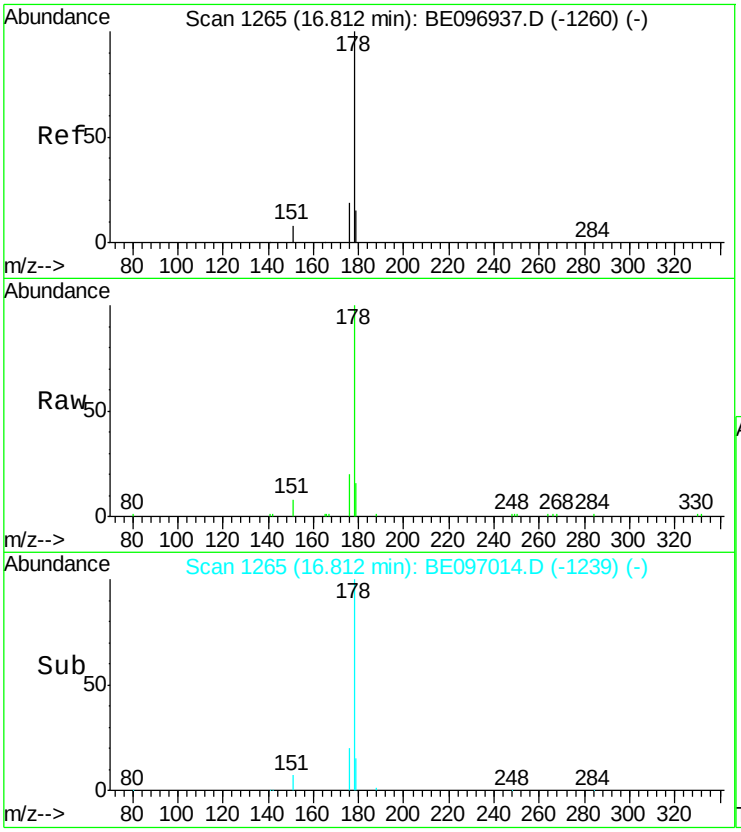


#22
Pentachlorophenol
Concen: 0.549 ng
RT: 16.43 min Scan# 1232
Delta R.T. -0.01 min
Lab File: BE097014.D
Acq: 19 Jul 2018 20:48

Tgt Ion:266 Resp: 552

Ion	Ratio	Lower	Upper
266	100		
264	70.2	72.5	108.7#
268	66.3	73.8	110.6#



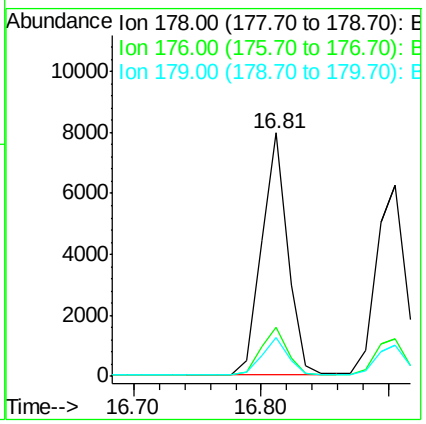


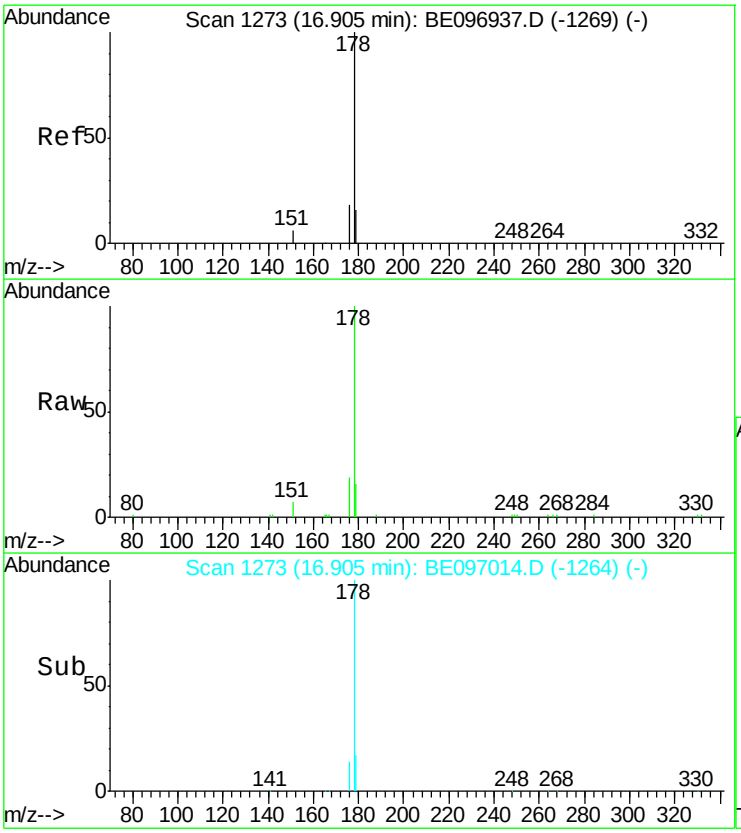
#23
Phenanthrene
Concen: 0.375 ng
RT: 16.81 min Scan# 1265
Delta R.T. 0.00 min
Lab File: BE097014.D
Acq: 19 Jul 2018 20:48

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:178 Resp: 11322

Ion	Ratio	Lower	Upper
178	100		
176	19.7	15.1	22.7
179	15.2	11.8	17.6

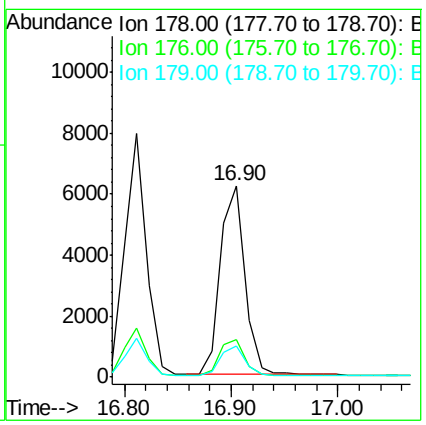


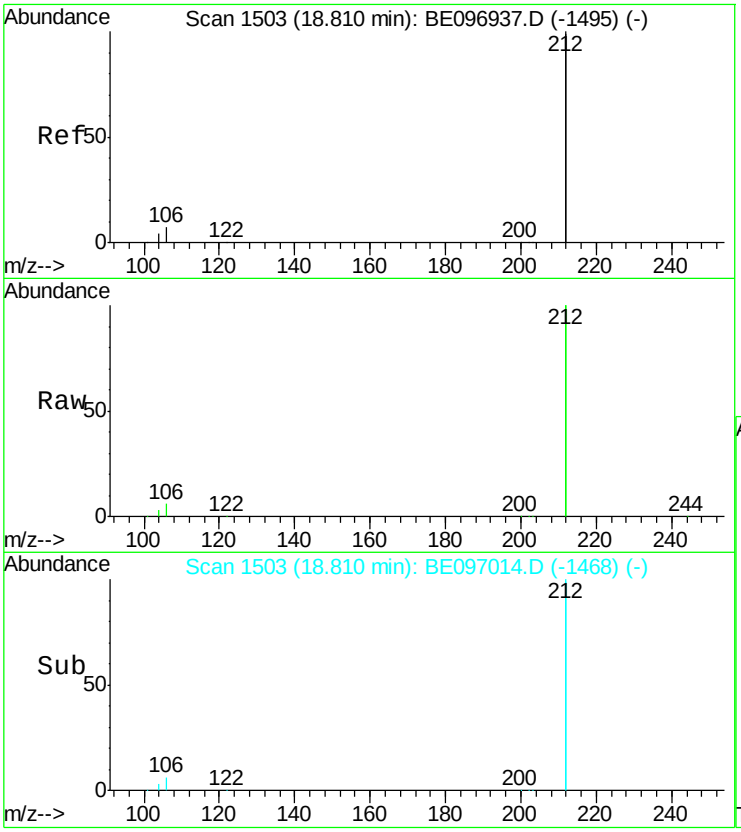


#24
Anthracene
Concen: 0.377 ng
RT: 16.90 min Scan# 1273
Delta R.T. 0.00 min
Lab File: BE097014.D
Acq: 19 Jul 2018 20:48

Tgt Ion:178 Resp: 9883

Ion	Ratio	Lower	Upper
178	100		
176	19.0	12.8	19.2
179	15.3	13.0	19.6



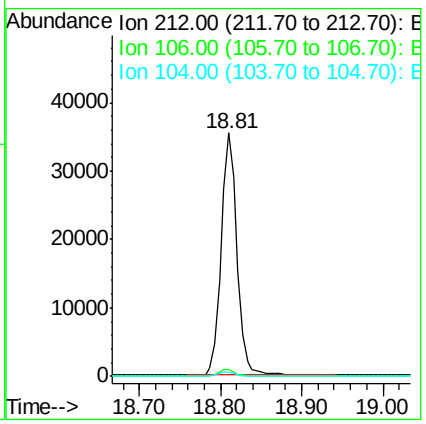


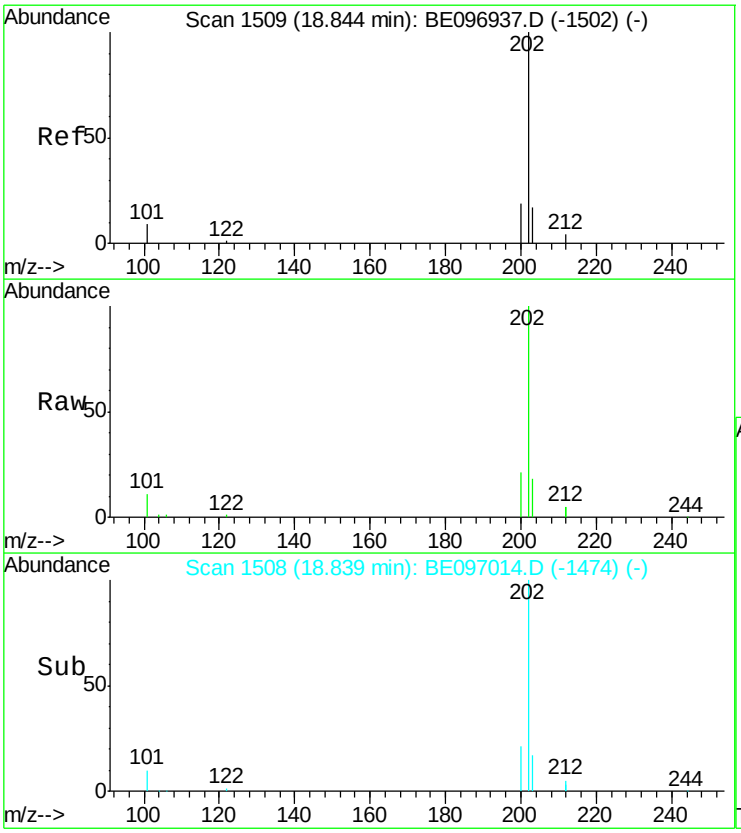
#25
Fluoranthene-d10
Concen: 0.432 ng
RT: 18.81 min Scan# 1503
Delta R.T. 0.00 min
Lab File: BE097014.D
Acq: 19 Jul 2018 20:48

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:212 Resp: 47343

Ion	Ratio	Lower	Upper
212	100		
106	3.0	2.8	4.2
104	1.7	1.6	2.4

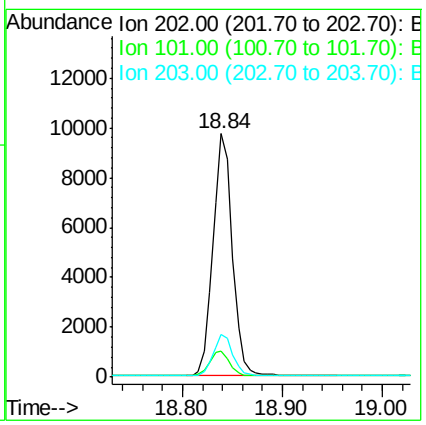


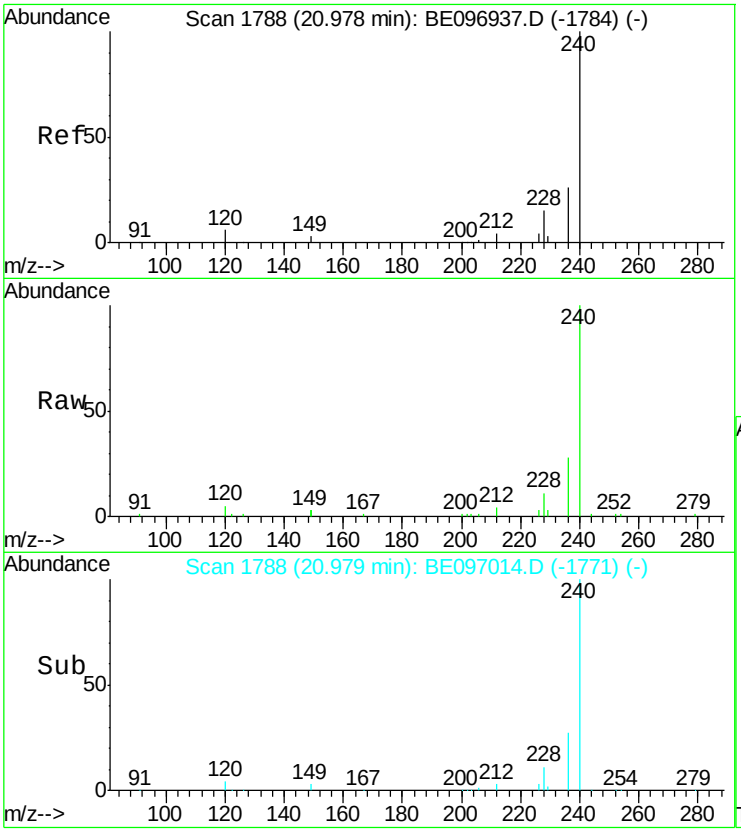


#26
Fluoranthene
Concen: 0.409 ng
RT: 18.84 min Scan# 1508
Delta R.T. -0.01 min
Lab File: BE097014.D
Acq: 19 Jul 2018 20:48

Tgt Ion:202 Resp: 13018

Ion	Ratio	Lower	Upper
202	100		
101	10.7	9.8	14.8
203	17.2	13.7	20.5



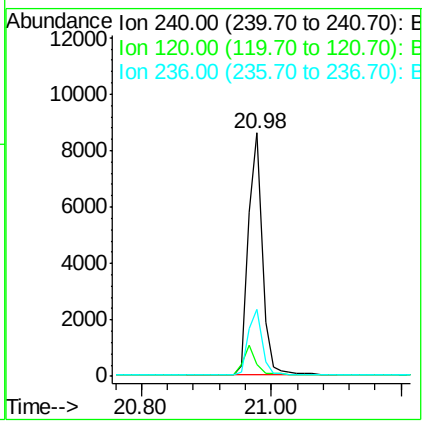


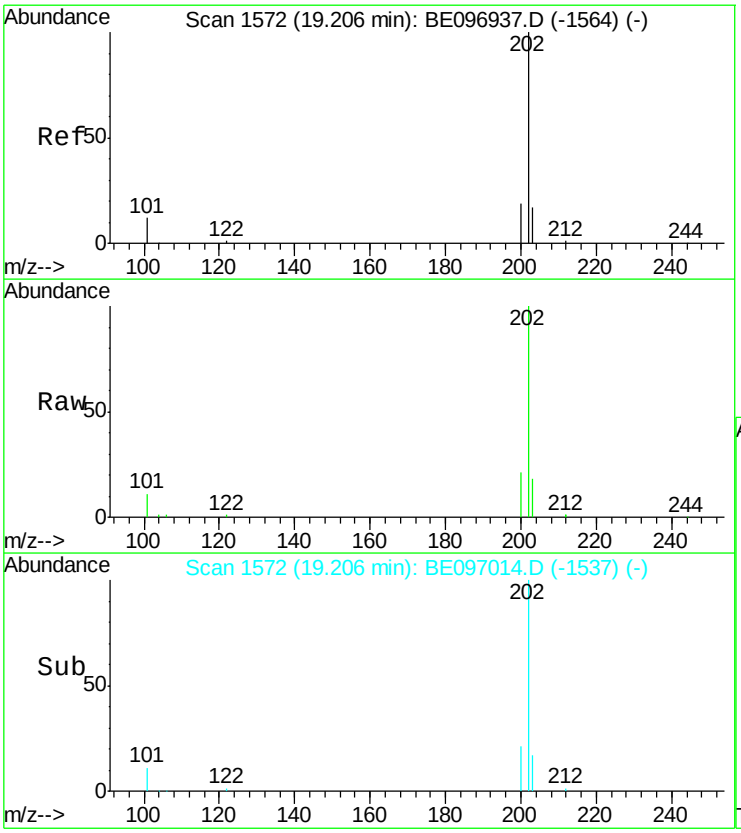
#27
Chrysene-d12
Concen: 0.400 ng
RT: 20.98 min Scan# 1788
Delta R.T. 0.00 min
Lab File: BE097014.D
Acq: 19 Jul 2018 20:48

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:240 Resp: 12583

Ion	Ratio	Lower	Upper
240	100		
120	5.0	5.5	8.3#
236	27.6	20.7	31.1

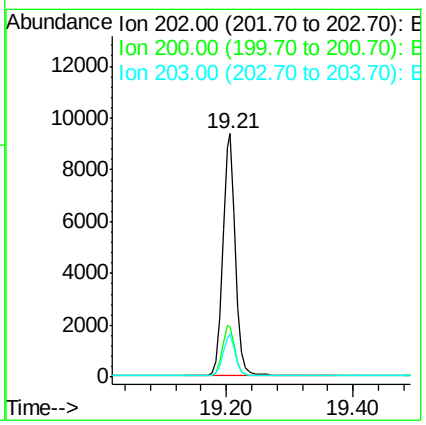


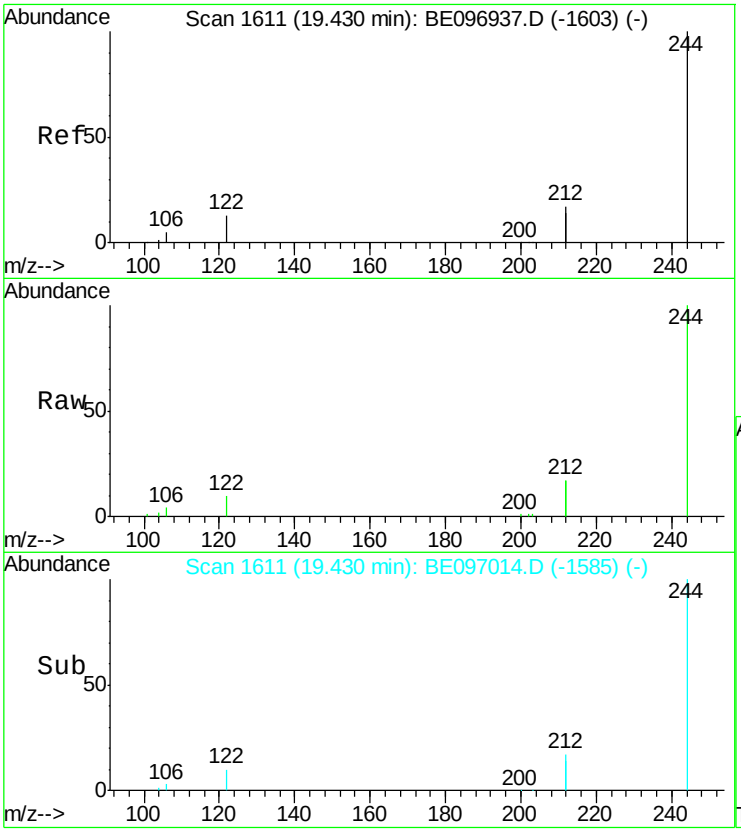


#28
Pyrene
Concen: 0.351 ng
RT: 19.21 min Scan# 1572
Delta R.T. 0.00 min
Lab File: BE097014.D
Acq: 19 Jul 2018 20:48

Tgt Ion:202 Resp: 13019

Ion	Ratio	Lower	Upper
202	100		
200	21.2	16.6	25.0
203	17.1	13.8	20.8



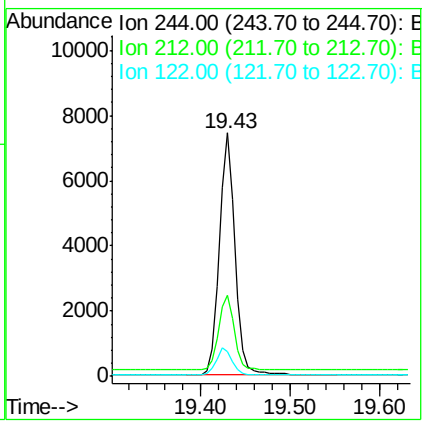


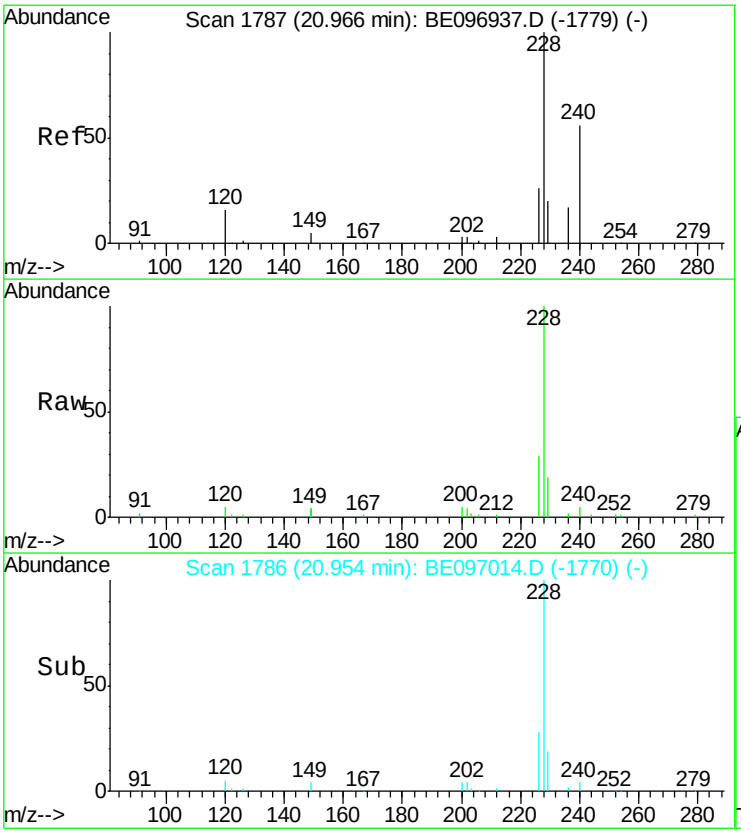
#29
Terphenyl-d14
Concen: 0.371 ng
RT: 19.43 min Scan# 1611
Delta R.T. 0.00 min
Lab File: BE097014.D
Acq: 19 Jul 2018 20:48

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:244 Resp: 9002

Ion	Ratio	Lower	Upper
244	100		
212	33.5	25.4	38.0
122	10.2	8.1	12.1

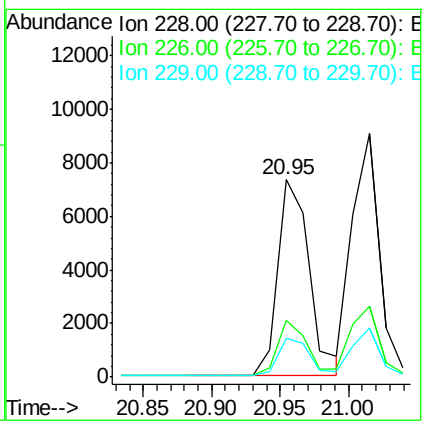


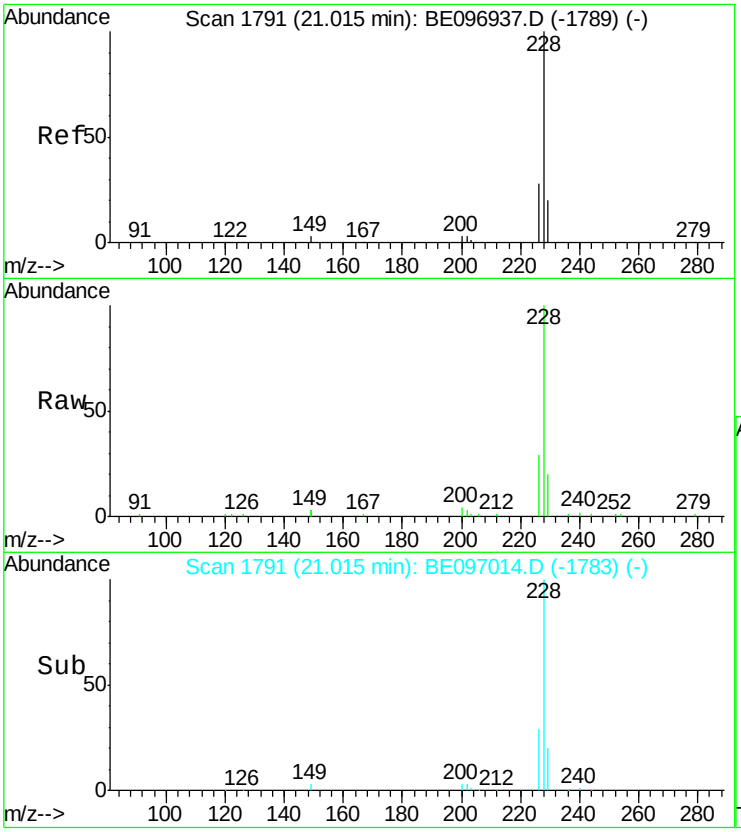


#30
Benzo(a)anthracene
Concen: 0.388 ng
RT: 20.95 min Scan# 1786
Delta R.T. -0.01 min
Lab File: BE097014.D
Acq: 19 Jul 2018 20:48

Tgt Ion:228 Resp: 11628

Ion	Ratio	Lower	Upper
228	100		
226	28.5	24.0	36.0
229	19.4	16.0	24.0



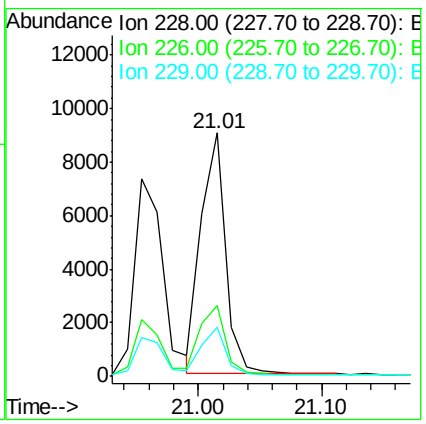


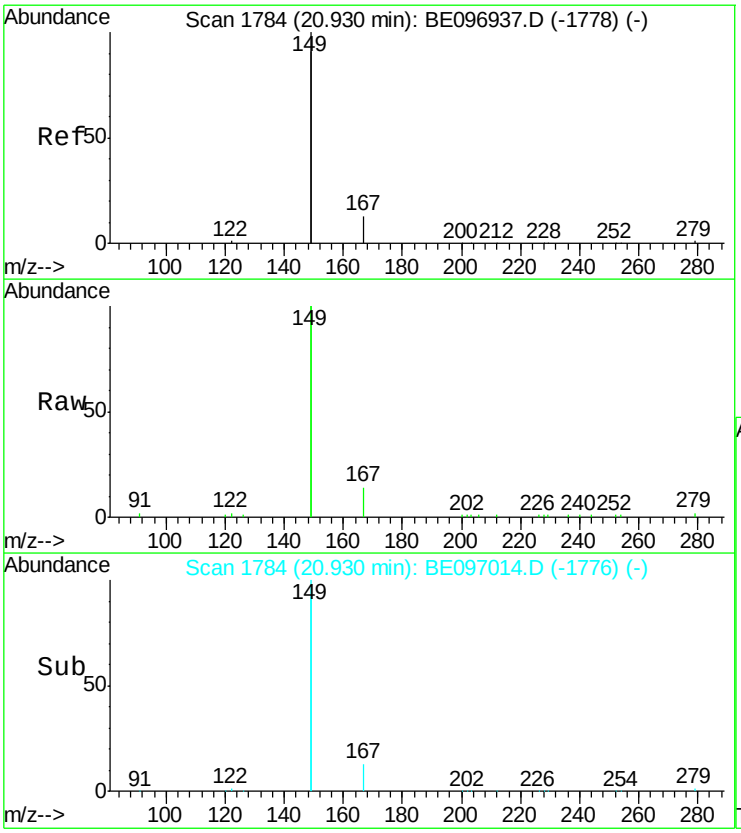
#31
Chrysene
Concen: 0.374 ng
RT: 21.01 min Scan# 1791
Delta R.T. 0.00 min
Lab File: BE097014.D
Acq: 19 Jul 2018 20:48

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:228 Resp: 12557

Ion	Ratio	Lower	Upper
228	100		
226	29.1	24.0	36.0
229	20.0	16.0	24.0

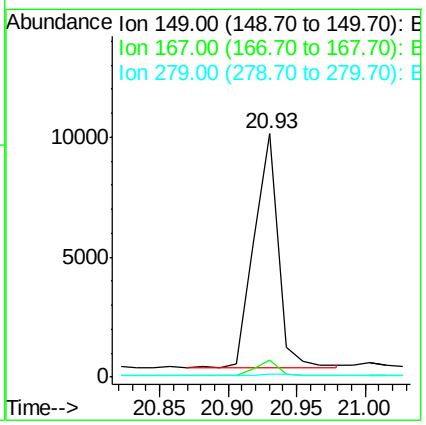


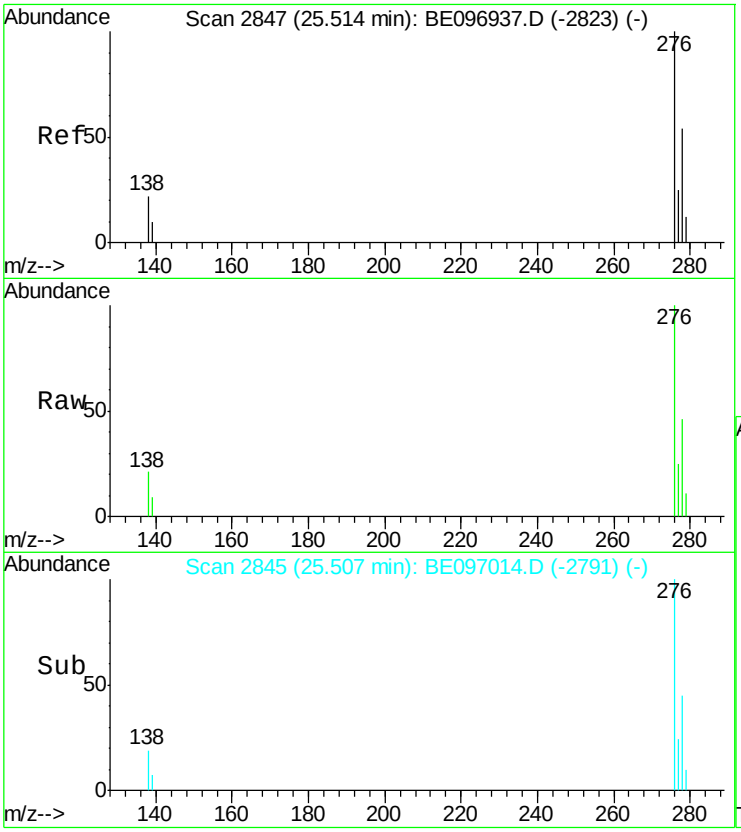


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.395 ng
RT: 20.93 min Scan# 1784
Delta R.T. 0.00 min
Lab File: BE097014.D
Acq: 19 Jul 2018 20:48

Tgt Ion:149 Resp: 11817

Ion	Ratio	Lower	Upper
149	100		
167	6.4	5.4	8.0
279	0.9	0.7	1.1



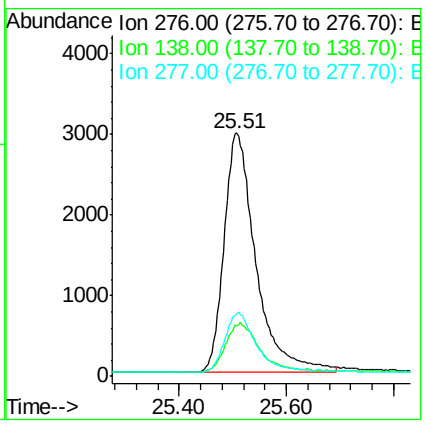


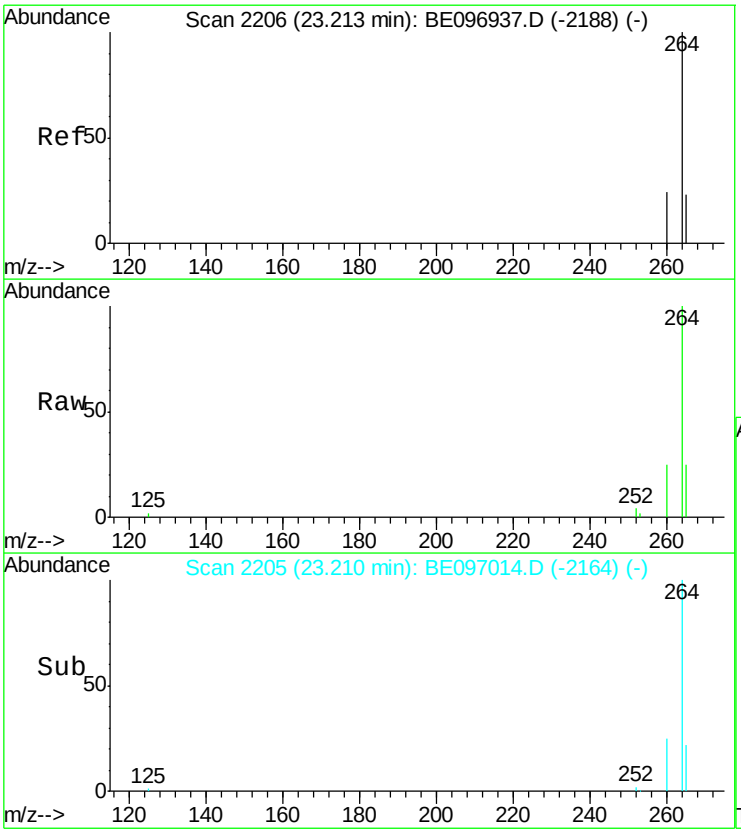
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.502 ng
RT: 25.51 min Scan# 2845
Delta R.T. -0.01 min
Lab File: BE097014.D
Acq: 19 Jul 2018 20:48

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:276 Resp: 12292

Ion	Ratio	Lower	Upper
276	100		
138	21.2	22.5	33.7#
277	24.5	19.9	29.9

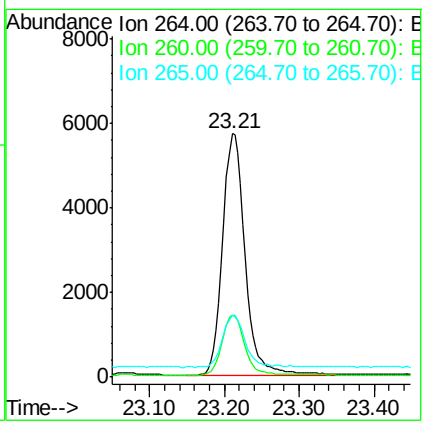


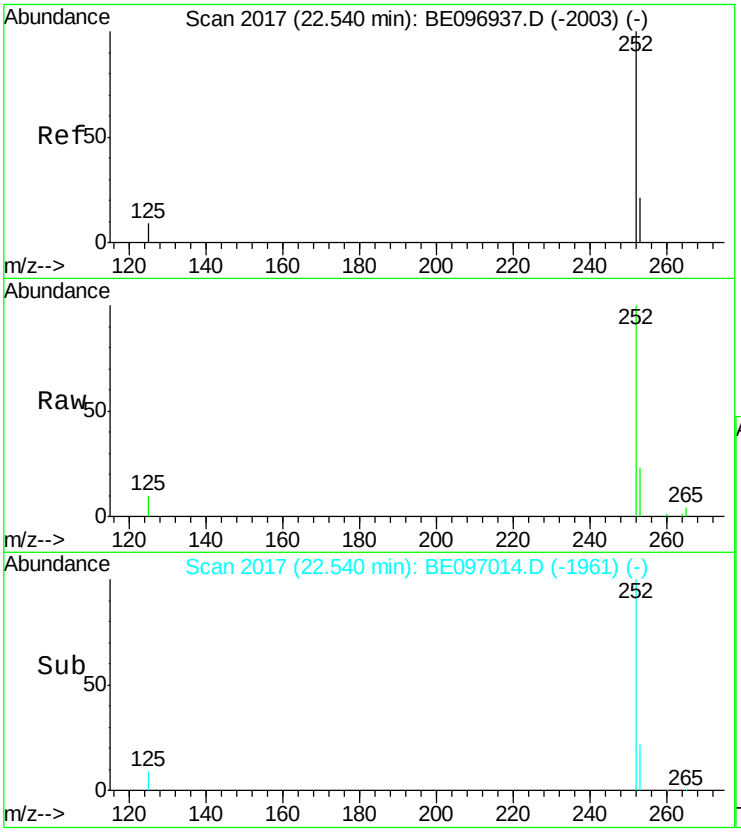


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.21 min Scan# 2205
Delta R.T. -0.00 min
Lab File: BE097014.D
Acq: 19 Jul 2018 20:48

Tgt Ion:264 Resp: 11885

Ion	Ratio	Lower	Upper
264	100		
260	25.3	20.5	30.7
265	25.4	22.8	34.2



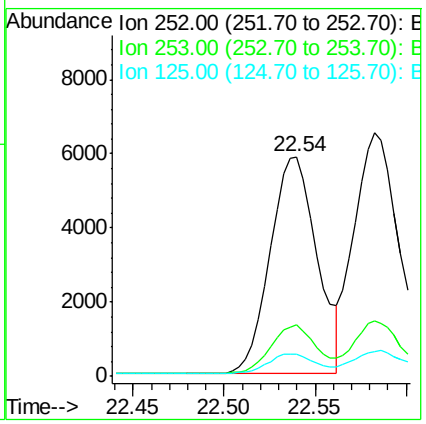


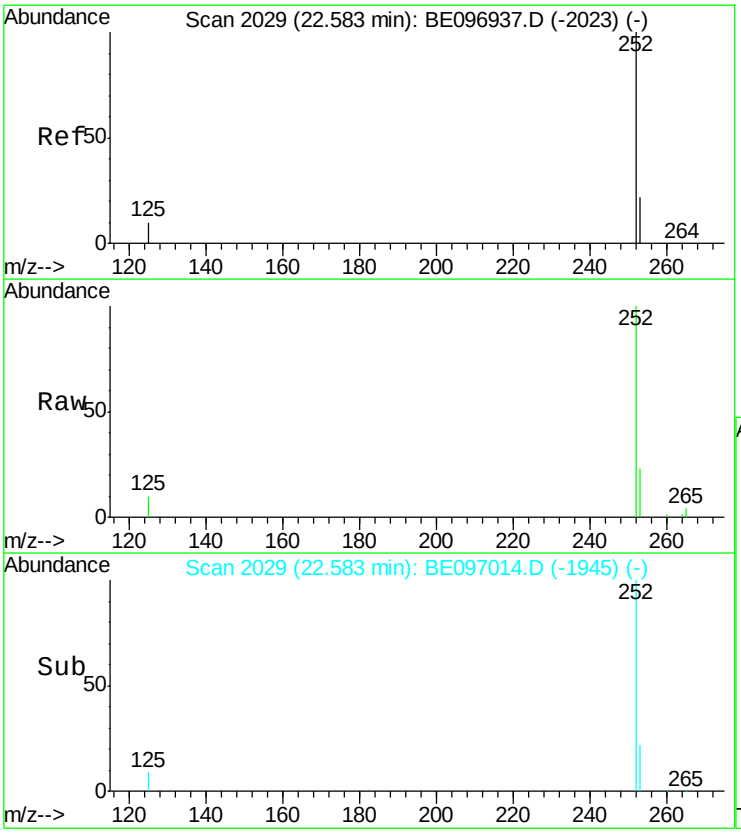
#35
Benzo(b)fluoranthene
Concen: 0.344 ng
RT: 22.54 min Scan# 2017
Delta R.T. 0.00 min
Lab File: BE097014.D
Acq: 19 Jul 2018 20:48

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:252 Resp: 10427

Ion	Ratio	Lower	Upper
252	100		
253	23.3	20.0	30.0
125	9.8	16.0	24.0#

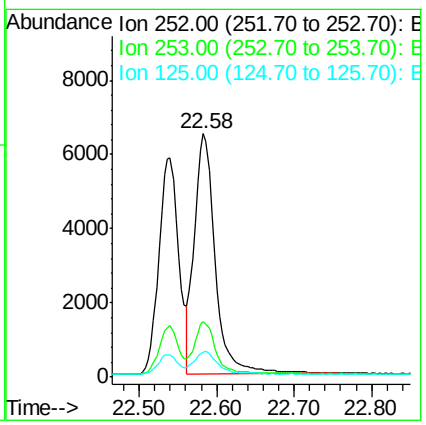


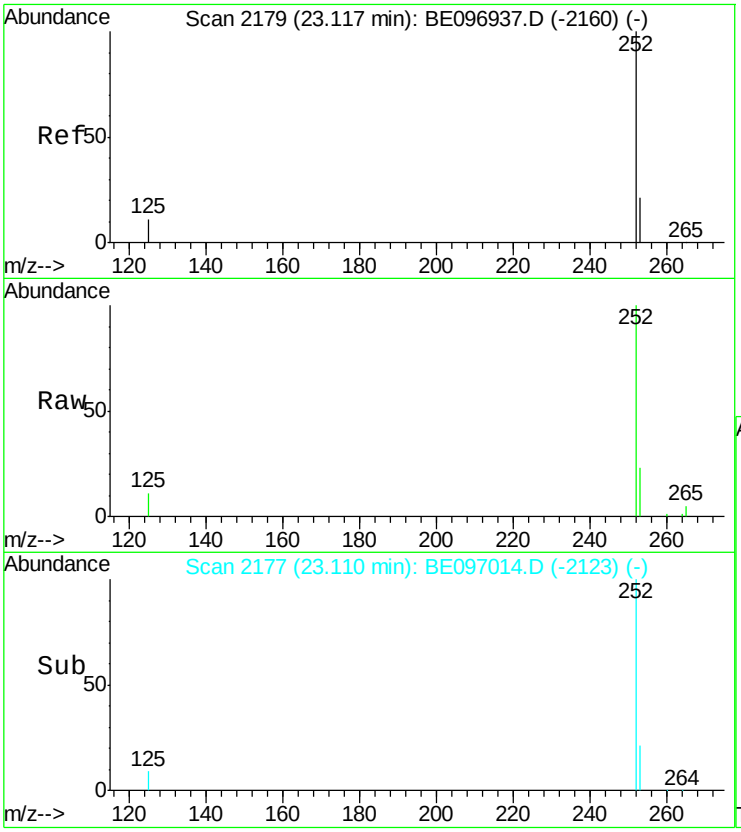


#36
Benzo(k)fluoranthene
Concen: 0.335 ng
RT: 22.58 min Scan# 2029
Delta R.T. 0.00 min
Lab File: BE097014.D
Acq: 19 Jul 2018 20:48

Tgt Ion:252 Resp: 12071

Ion	Ratio	Lower	Upper
252	100		
253	22.8	16.0	24.0
125	10.1	8.0	12.0



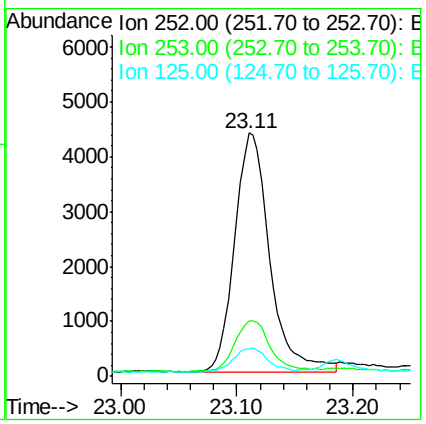


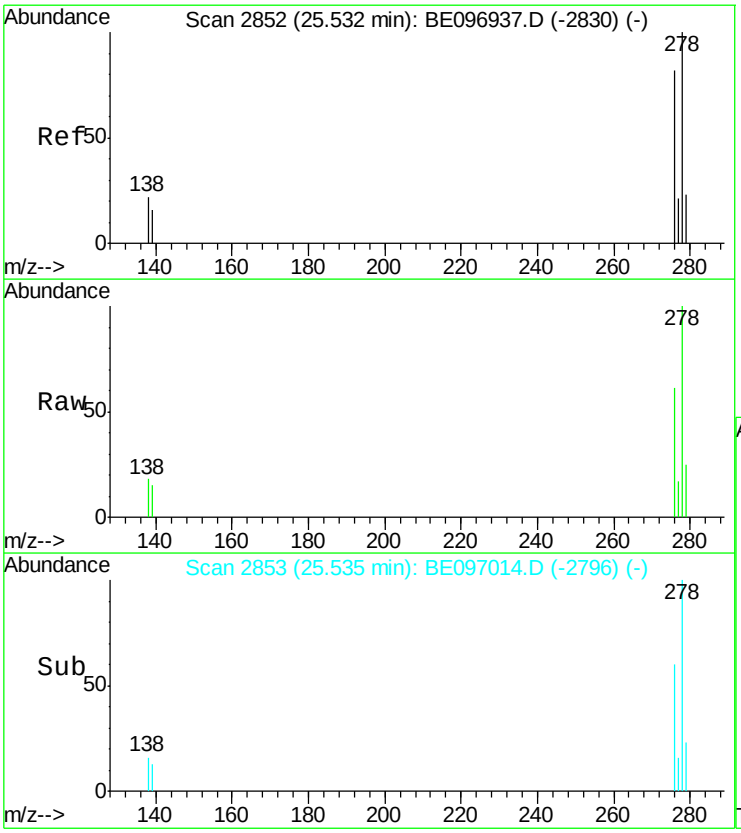
#37
Benzo(a)pyrene
Concen: 0.367 ng
RT: 23.11 min Scan# 2177
Delta R.T. -0.01 min
Lab File: BE097014.D
Acq: 19 Jul 2018 20:48

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:252 Resp: 9176

Ion	Ratio	Lower	Upper
252	100		
253	22.8	16.0	24.0
125	11.2	12.0	18.0#

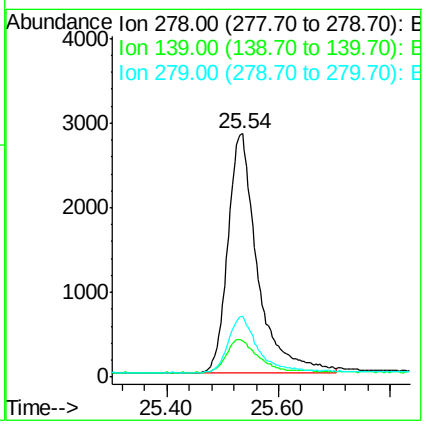


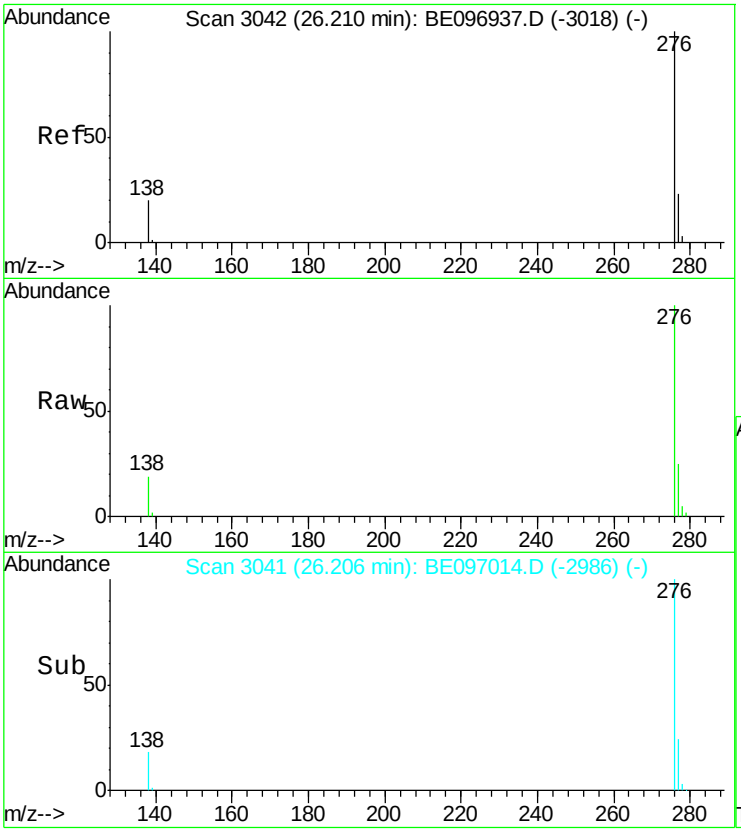


#38
Dibenzo(a,h)anthracene
Concen: 0.471 ng
RT: 25.54 min Scan# 2853
Delta R.T. 0.00 min
Lab File: BE097014.D
Acq: 19 Jul 2018 20:48

Tgt Ion:278 Resp: 10482

Ion	Ratio	Lower	Upper
278	100		
139	14.8	16.0	24.0#
279	24.8	20.0	30.0





#39
Benzo(g,h,i)perylene
Concen: 0.436 ng
RT: 26.21 min Scan# 3041
Delta R.T. -0.00 min
Lab File: BE097014.D
Acq: 19 Jul 2018 20:48

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:276 Resp: 10744

Ion	Ratio	Lower	Upper
276	100		
277	25.0	16.0	24.0#
138	19.5	20.0	30.0#