Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE071918\
Data File : BE097000.D
Acq On : 19 Jul 2018 12:04
Operator : SJ/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : SSTDCCC0.4

Quant Time: Jul 19 13:31:13 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	1376	0.40	ng		0.00
7) Naphthalene-d8	10.15	136	6606	0.40	ng		0.00
13) Acenaphthene-d10	14.01	164	4087	0.40	ng		-0.01
19) Phenanthrene-d10	16.78	188	11655	0.40	ng		0.00
27) Chrysene-d12	20.98	240	11833	0.40	ng		0.00
34) Perylene-d12	23.21	264	10643	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.05	112	1335	0.41	ng		0.00
5) Phenol-d6	6.59	99	1882	0.37	ng		0.00
8) Nitrobenzene-d5	8.53	82	2044	0.42	ng		0.00
11) 2-Methylnaphthalene-d10	11.73	152	3603	0.37	ng		0.00
14) 2,4,6-Tribromophenol	15.52	330	423	0.46	ng		0.00
15) 2-Fluorobiphenyl	12.64	172	5399	0.36	ng		0.00
25) Fluoranthene-d10	18.81	212	43110	0.43	ng		0.00
29) Terphenyl-d14	19.43	244	8410	0.37	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.09	88	843	0.428	ng	#	88
3) n-Nitrosodimethylamine	3.38	42	921	0.416	ng		95
6) bis(2-Chloroethyl)ether	6.84	93	1909	0.387	ng		93
9) Naphthalene	10.20	128	22738	0.385	ng		100
10) Hexachlorobutadiene	10.50	225	1023	0.428	ng		98
12) 2-Methylnaphthalene	11.81	142	3823	0.381	ng		98
16) Acenaphthylene	13.74	152	6766	0.363	ng		100
17) Acenaphthene	14.08	154	4080	0.352	ng	#	93
18) Fluorene	15.07	166	5248	0.403	ng	#	79
20) 4-Bromophenyl-phenylether	15.98	248	2050	0.372	ng	#	70
21) Hexachlorobenzene	16.08	284	2251	0.368	ng	#	84
22) Pentachlorophenol	16.44	266	551	0.582	ng	#	76
23) Phenanthrene	16.81	178	10645	0.381	ng		99
24) Anthracene	16.90	178	9066	0.373	ng		96
26) Fluoranthene	18.84	202	11801	0.401	ng		98
28) Pyrene	19.21	202	11907	0.341	ng		100
30) Benzo(a)anthracene	20.95	228	10866	0.386	ng		98
31) Chrysene	21.02	228	11509	0.364	ng		99
32) Bis(2-ethylhexyl)phthalate	20.93	149	10474	0.372	ng		99
33) Indeno(1,2,3-cd)pyrene	25.51	276	11452	0.497	ng	#	93
35) Benzo(b)fluoranthene	22.54	252	9730	0.358	ng	#	89
36) Benzo(k)fluoranthene	22.58	252	11109	0.344	ng		96
37) Benzo(a)pyrene	23.11	252	8912	0.390	ng	#	92
38) Dibenzo(a,h)anthracene	25.53	278	9554	0.477	ng	#	95
39) Benzo(g,h,i)perylene	26.20	276	10020	0.454	ng	#	91

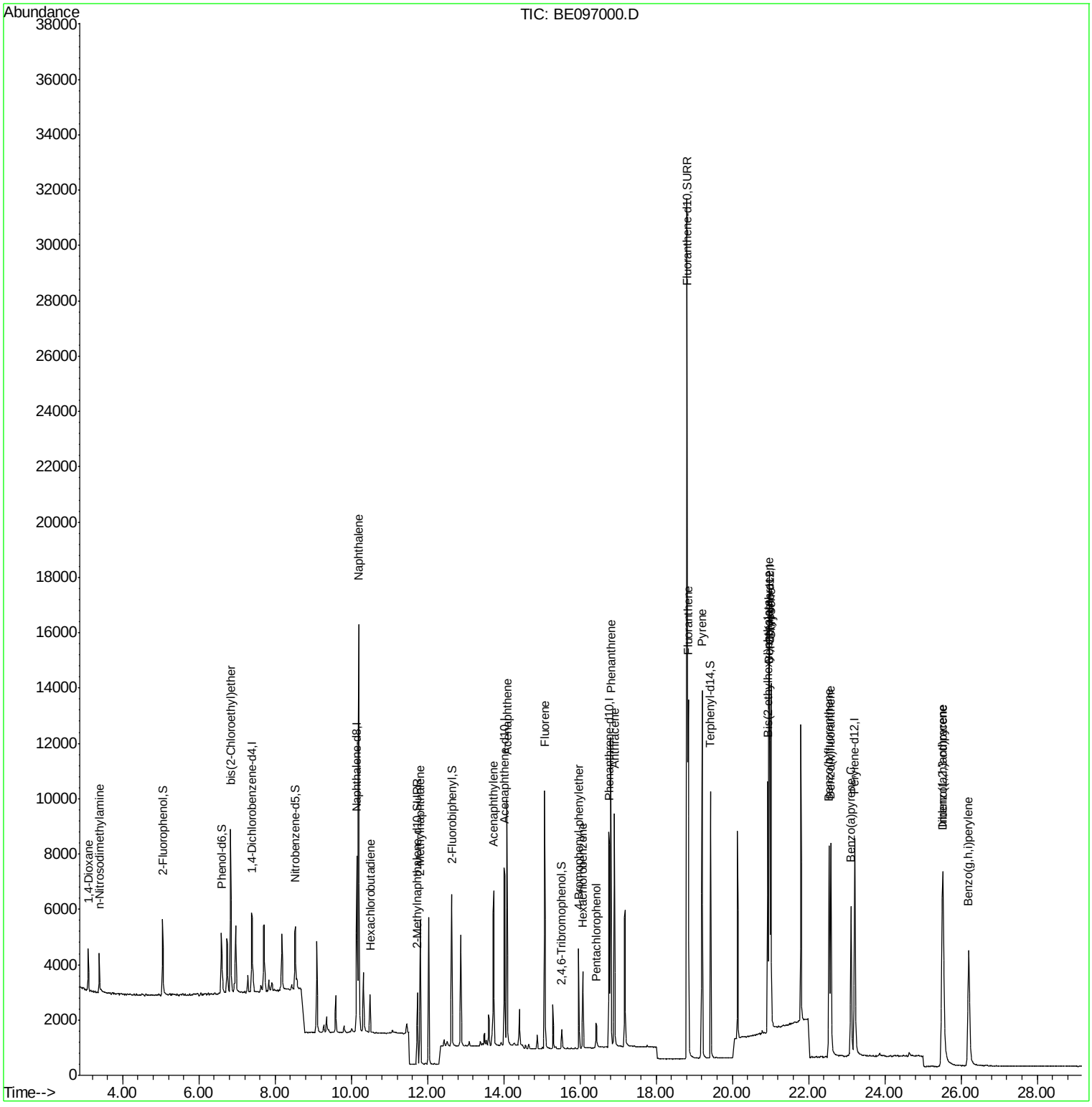
(#) = qualifier out of range (m) = manual integration (+) = signals summed

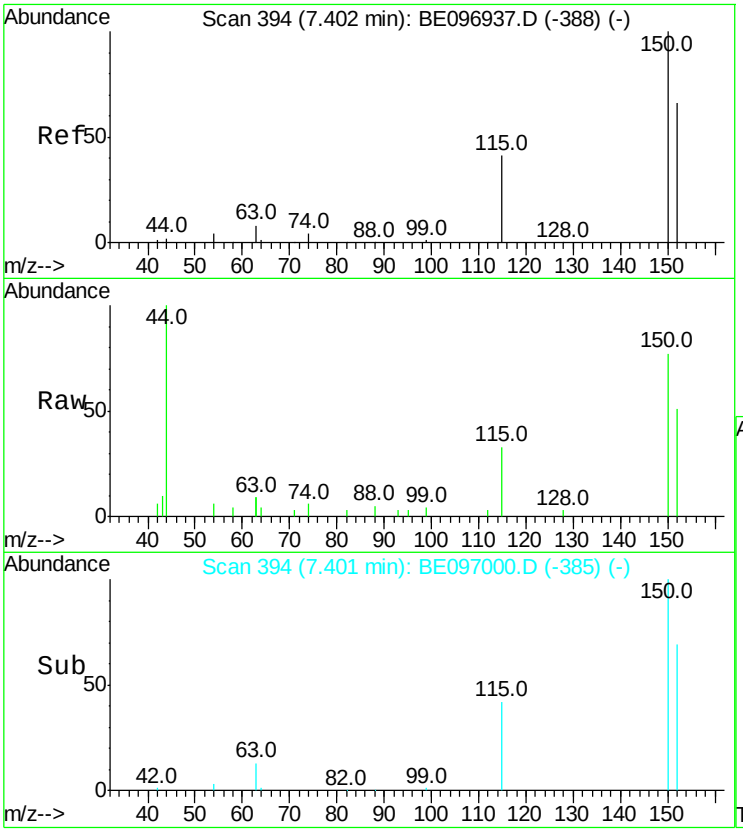
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE071918\
Data File : BE097000.D
Acq On : 19 Jul 2018 12:04
Operator : SJ/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Quant Time: Jul 19 13:31:13 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



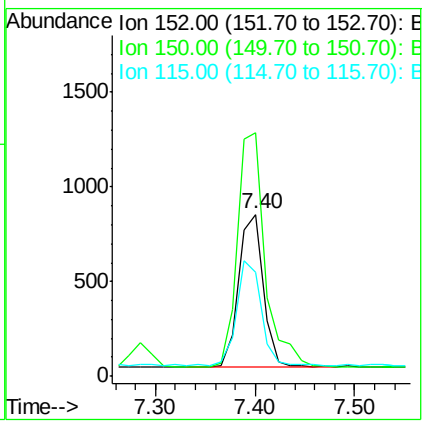


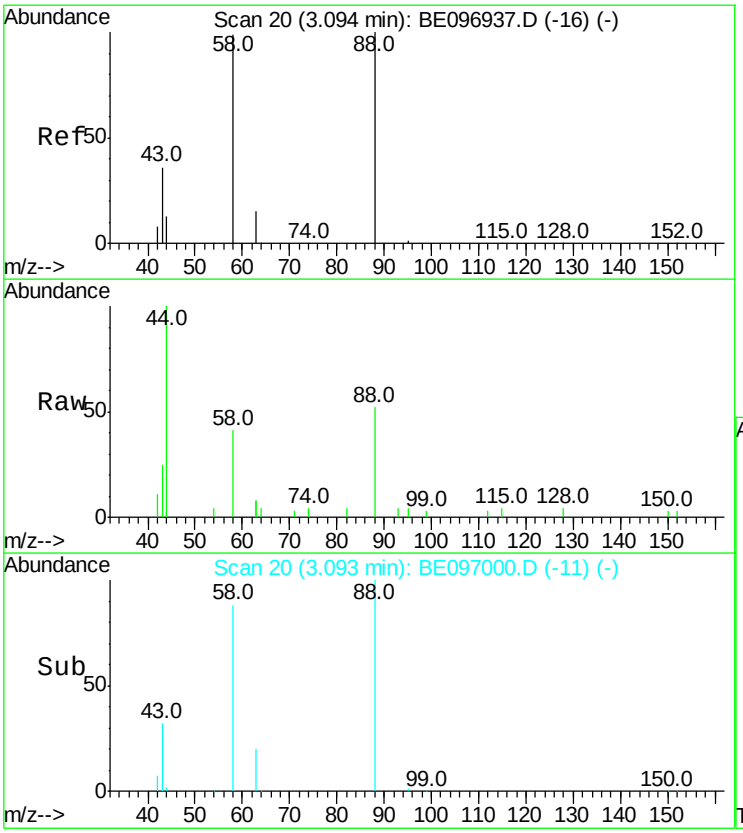
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.40 min Scan# 394
Delta R.T. -0.00 min
Lab File: BE097000.D
Acq: 19 Jul 2018 12:04

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:152 Resp: 1376

Ion	Ratio	Lower	Upper
152	100		
150	150.2	117.2	175.8
115	64.3	57.0	85.6

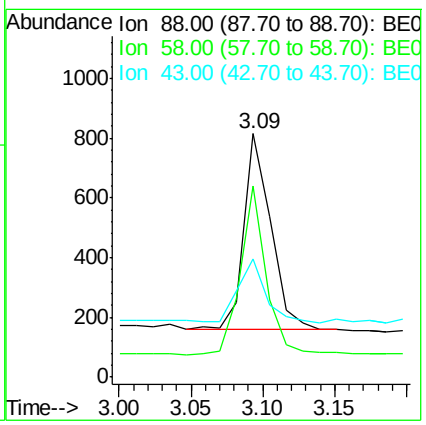


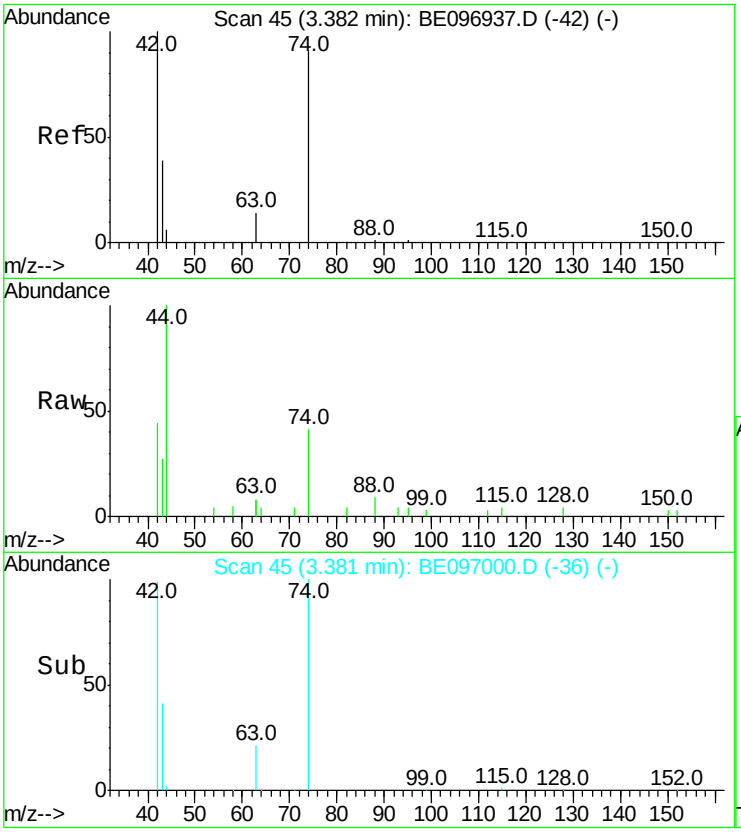


#2
1,4-Dioxane
Concen: 0.428 ng
RT: 3.09 min Scan# 20
Delta R.T. -0.00 min
Lab File: BE097000.D
Acq: 19 Jul 2018 12:04

Tgt Ion: 88 Resp: 843

Ion	Ratio	Lower	Upper
88	100		
58	82.1	63.2	94.8
43	33.8	41.2	61.8#



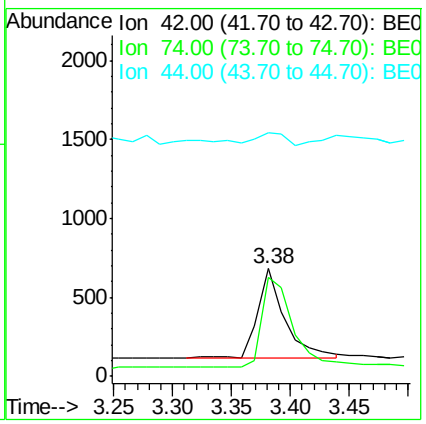


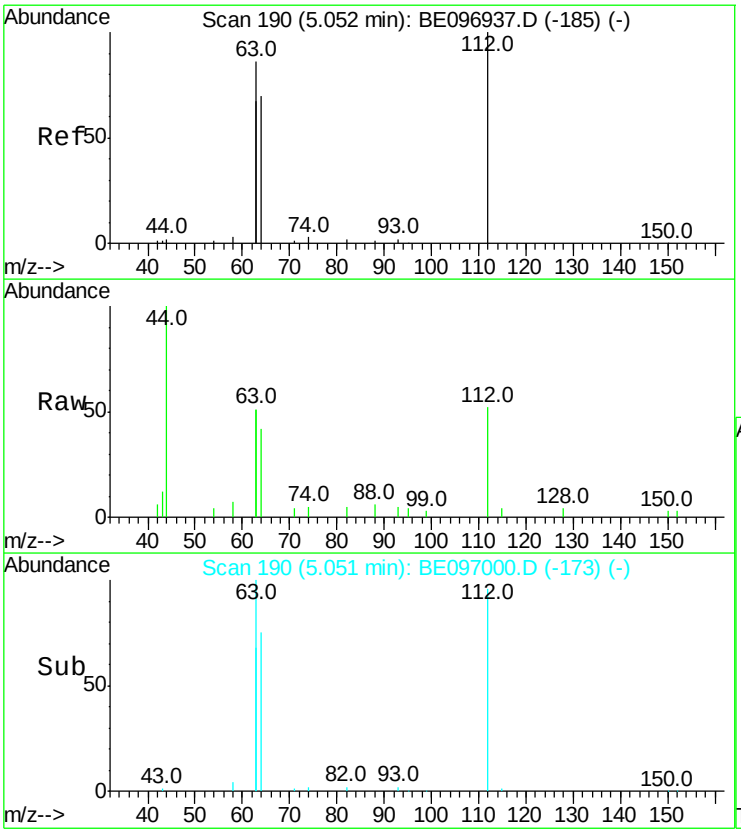
#3
n-Nitrosodimethylamine
Concen: 0.416 ng
RT: 3.38 min Scan# 45
Delta R.T. -0.00 min
Lab File: BE097000.D
Acq: 19 Jul 2018 12:04

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion: 42 Resp: 921

Ion	Ratio	Lower	Upper
42	100		
74	113.5	96.0	144.0
44	14.4	12.0	18.0

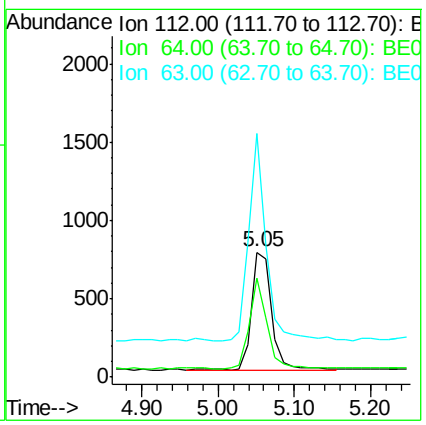


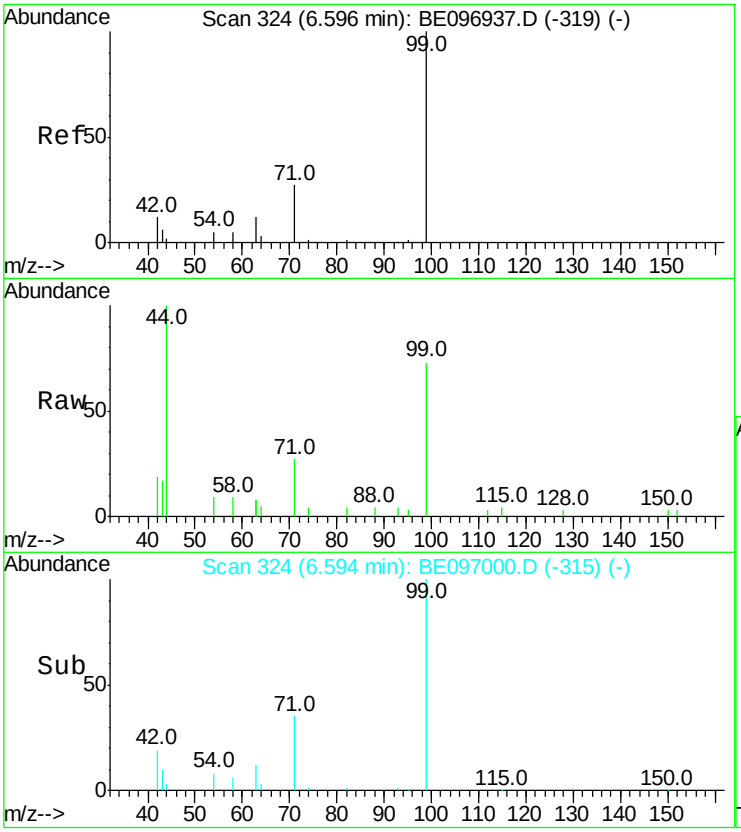


#4
2-Fluorophenol
Concen: 0.406 ng
RT: 5.05 min Scan# 190
Delta R.T. -0.00 min
Lab File: BE097000.D
Acq: 19 Jul 2018 12:04

Tgt Ion:112 Resp: 1335

Ion	Ratio	Lower	Upper
112	100		
64	68.6	60.1	90.1
63	155.8	116.8	175.2



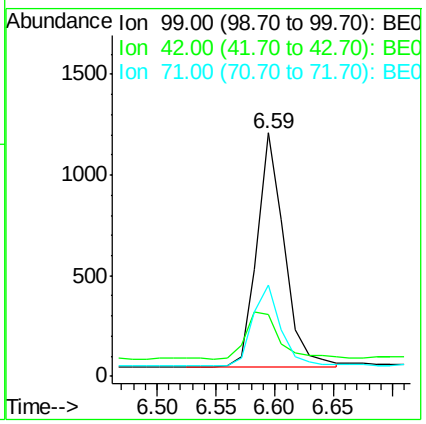


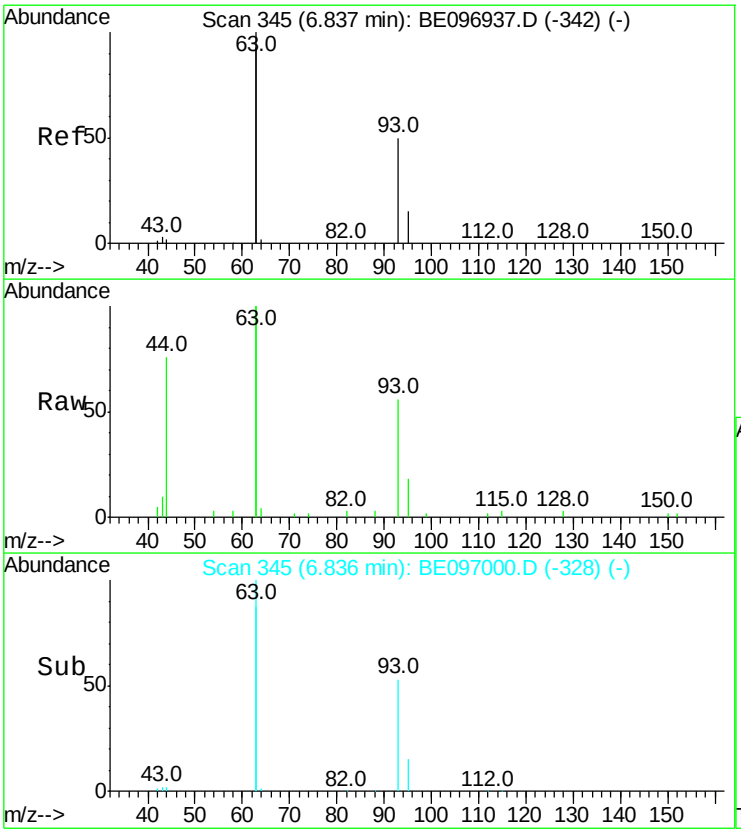
#5
Phenol-d6
Concen: 0.375 ng
RT: 6.59 min Scan# 324
Delta R.T. -0.00 min
Lab File: BE097000.D
Acq: 19 Jul 2018 12:04

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion: 99 Resp: 1882

Ion	Ratio	Lower	Upper
99	100		
42	24.7	20.2	30.2
71	35.5	28.4	42.6

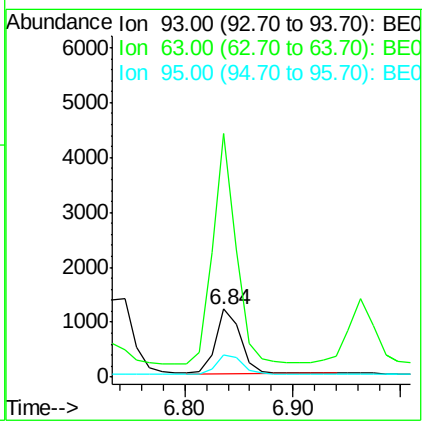


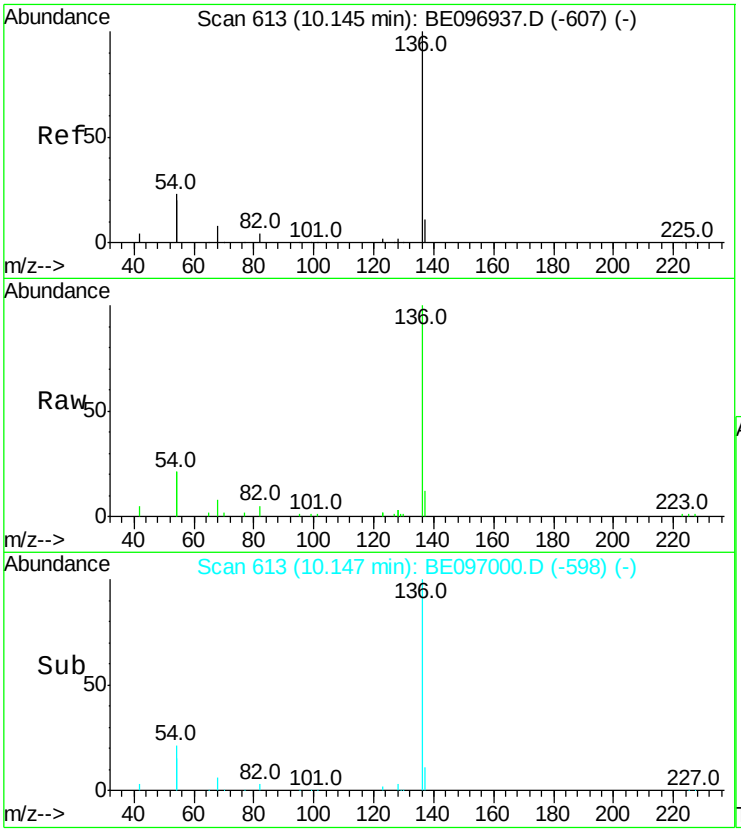


#6
bis(2-Chloroethyl)ether
Concen: 0.387 ng
RT: 6.84 min Scan# 345
Delta R.T. -0.00 min
Lab File: BE097000.D
Acq: 19 Jul 2018 12:04

Tgt Ion: 93 Resp: 1909

Ion	Ratio	Lower	Upper
93	100		
63	328.5	275.3	412.9
95	30.6	25.2	37.8



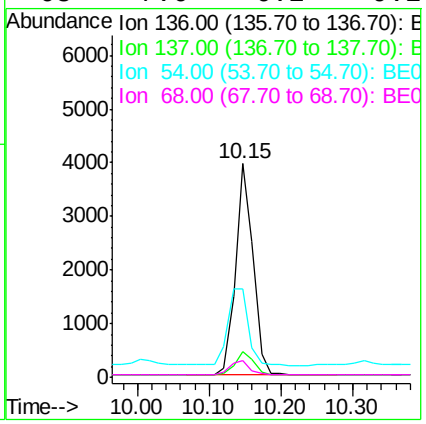


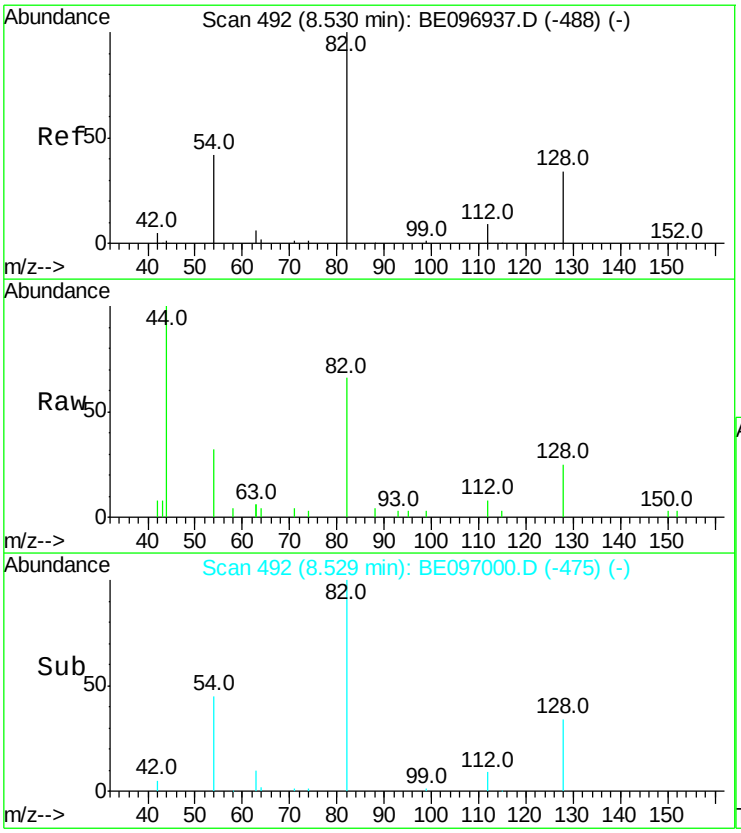
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.15 min Scan# 613
Delta R.T. 0.00 min
Lab File: BE097000.D
Acq: 19 Jul 2018 12:04

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:136 Resp: 6606

Ion	Ratio	Lower	Upper
136	100		
137	11.9	9.5	14.3
54	41.5	29.1	43.7
68	7.6	6.2	9.2

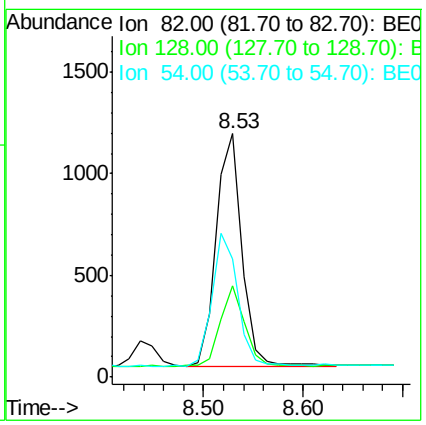


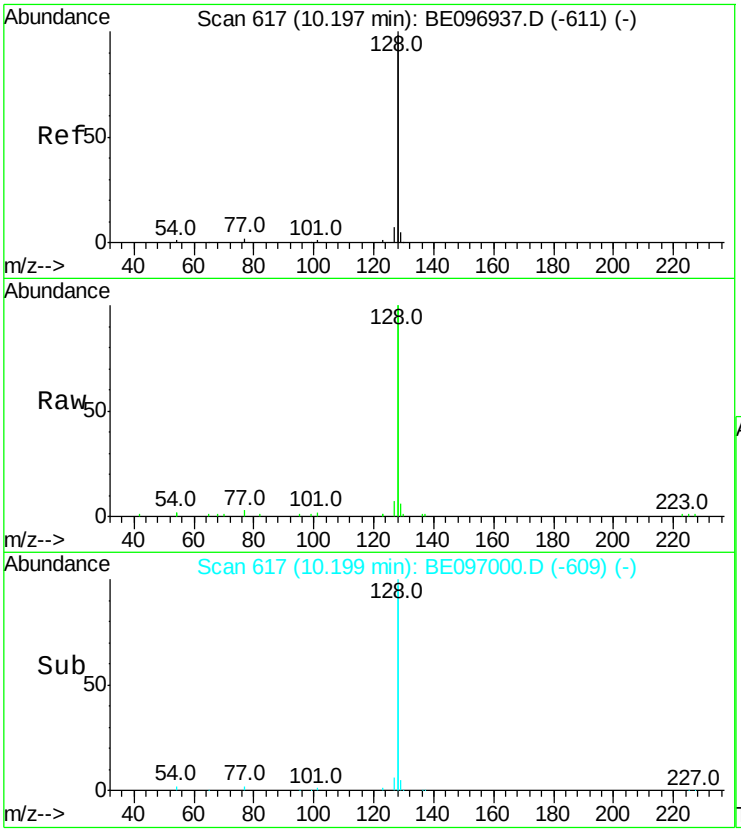


#8
Nitrobenzene-d5
Concen: 0.424 ng
RT: 8.53 min Scan# 492
Delta R.T. -0.00 min
Lab File: BE097000.D
Acq: 19 Jul 2018 12:04

Tgt Ion: 82 Resp: 2044

Ion	Ratio	Lower	Upper
82	100		
128	37.3	24.0	36.0#
54	48.4	40.0	60.0



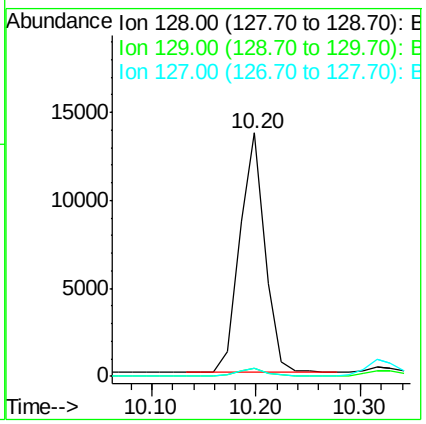


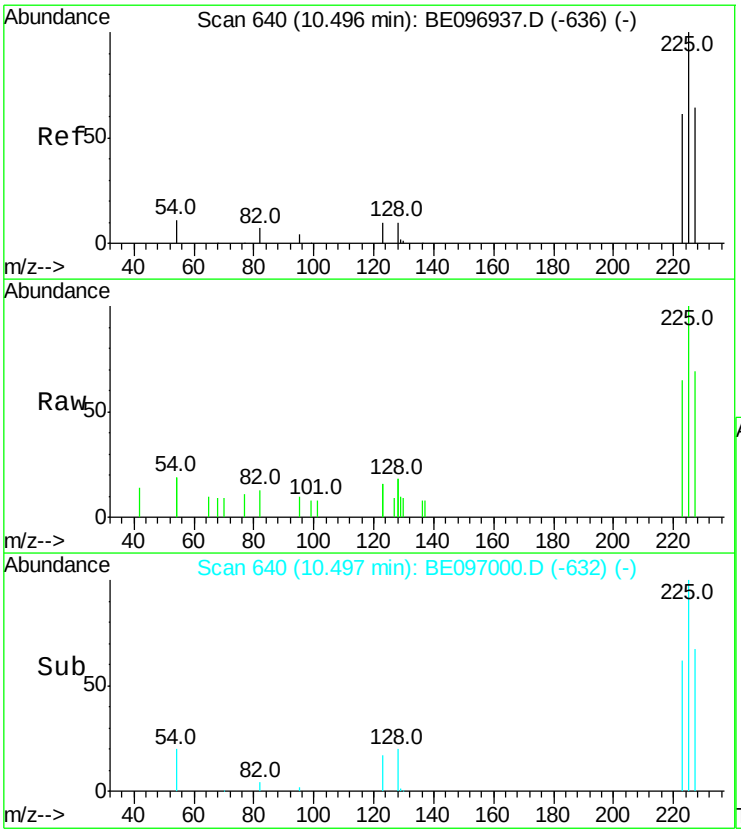
#9
Naphthalene
Concen: 0.385 ng
RT: 10.20 min Scan# 617
Delta R.T. 0.00 min
Lab File: BE097000.D
Acq: 19 Jul 2018 12:04

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:128 Resp: 22738

Ion	Ratio	Lower	Upper
128	100		
129	3.1	2.6	3.8
127	3.4	2.8	4.2

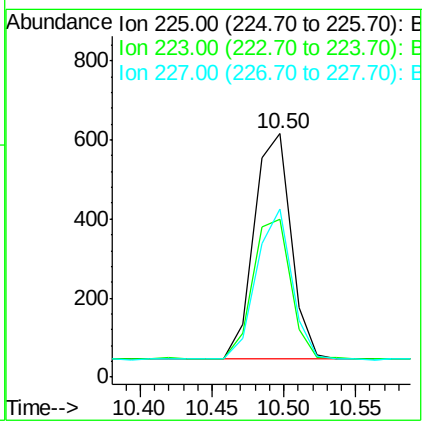


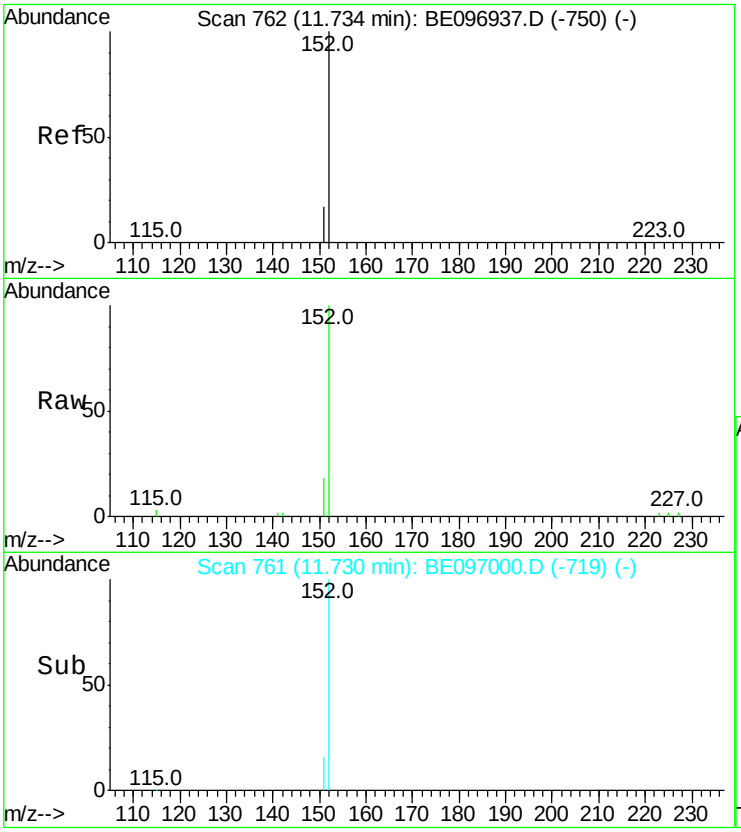


#10
Hexachlorobutadiene
Concen: 0.428 ng
RT: 10.50 min Scan# 640
Delta R.T. 0.00 min
Lab File: BE097000.D
Acq: 19 Jul 2018 12:04

Tgt Ion:225 Resp: 1023

Ion	Ratio	Lower	Upper
225	100		
223	64.1	53.0	79.6
227	63.5	51.4	77.2



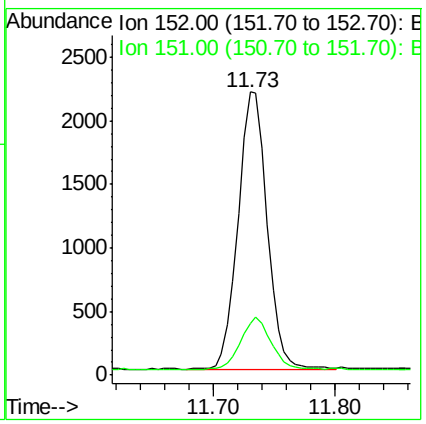


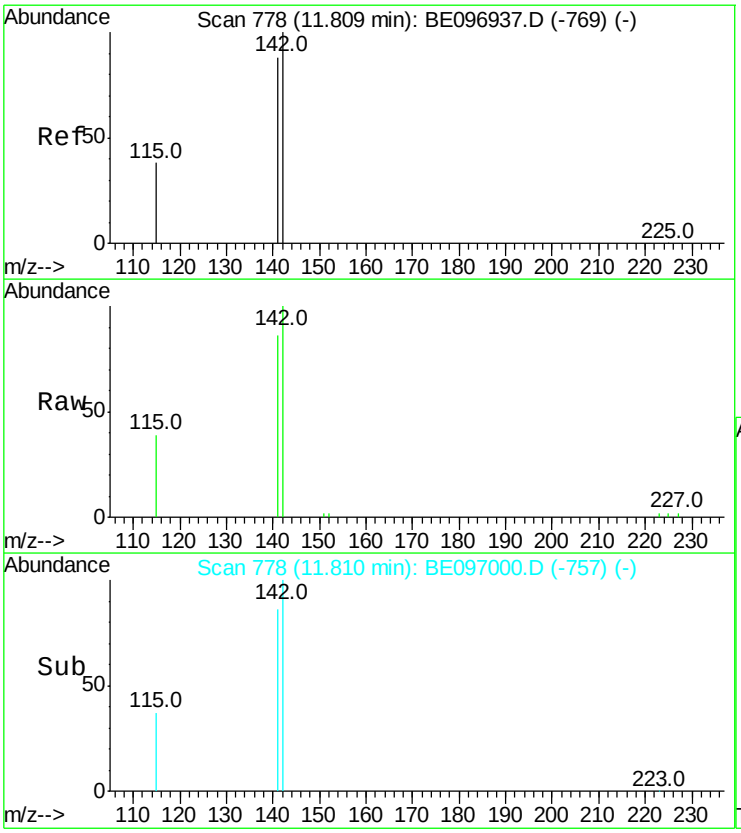
#11
2-Methylnaphthalene-d10
Concen: 0.374 ng
RT: 11.73 min Scan# 761
Delta R.T. -0.00 min
Lab File: BE097000.D
Acq: 19 Jul 2018 12:04

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:152 Resp: 3603

Ion	Ratio	Lower	Upper
152	100		
151	19.3	15.4	23.0

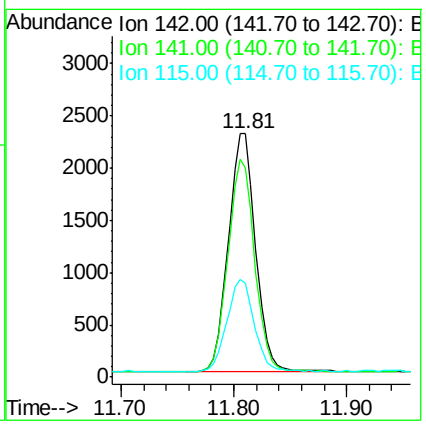


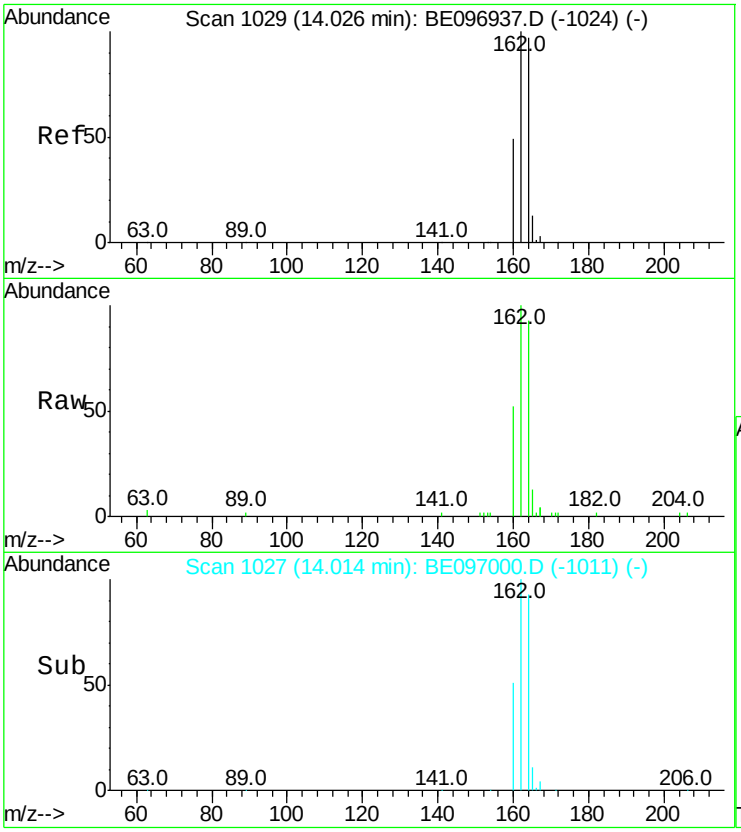


#12
2-Methylnaphthalene
Concen: 0.381 ng
RT: 11.81 min Scan# 778
Delta R.T. 0.00 min
Lab File: BE097000.D
Acq: 19 Jul 2018 12:04

Tgt Ion:142 Resp: 3823

Ion	Ratio	Lower	Upper
142	100		
141	86.0	70.4	105.6
115	38.7	31.7	47.5



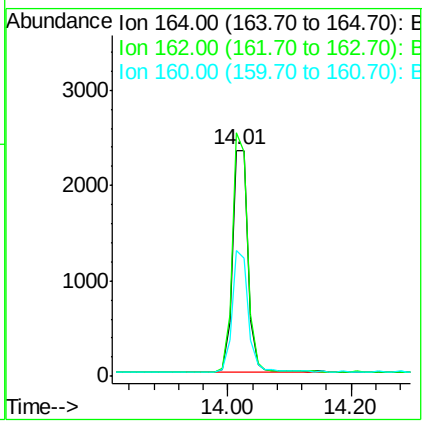


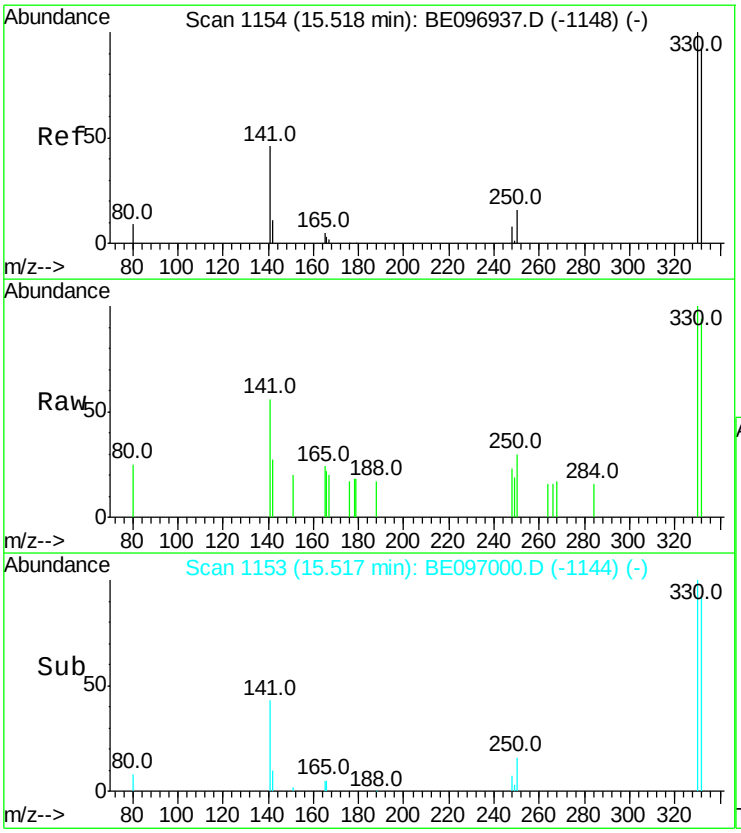
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.01 min Scan# 1027
Delta R.T. -0.01 min
Lab File: BE097000.D
Acq: 19 Jul 2018 12:04

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:164 Resp: 4087

Ion	Ratio	Lower	Upper
164	100		
162	107.8	83.1	124.7
160	55.8	37.1	55.7#

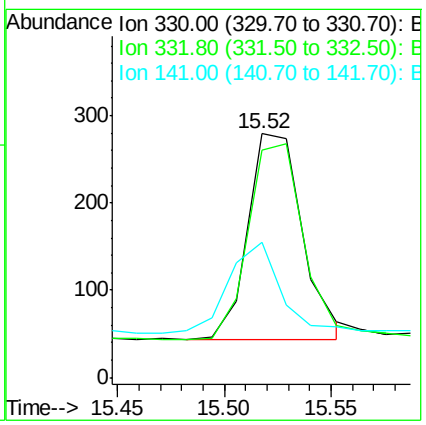


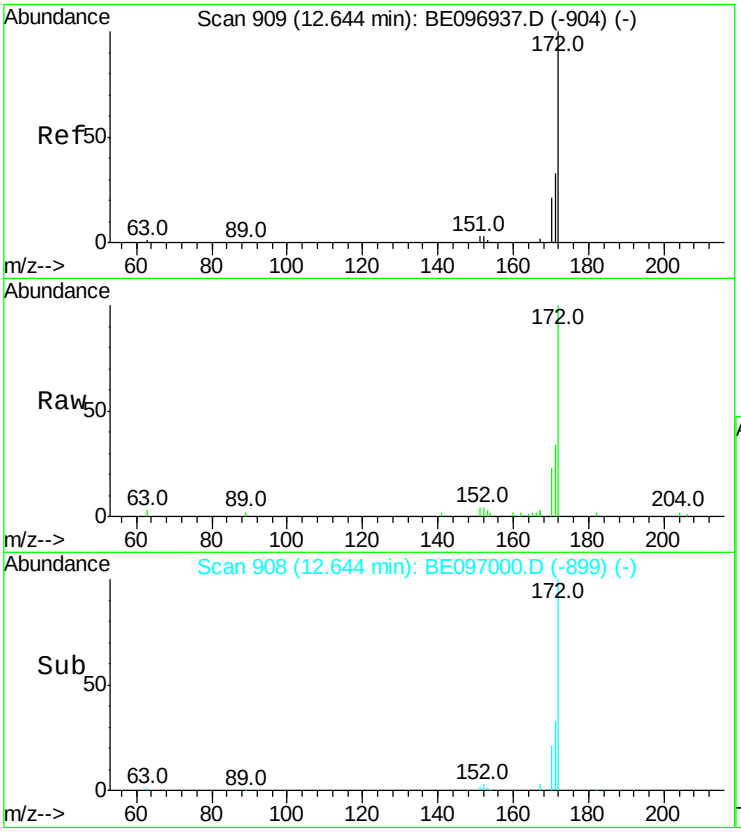


#14
2,4,6-Tribromophenol
Concen: 0.463 ng
RT: 15.52 min Scan# 1153
Delta R.T. 0.00 min
Lab File: BE097000.D
Acq: 19 Jul 2018 12:04

Tgt Ion:330 Resp: 423

Ion	Ratio	Lower	Upper
330	100		
332	95.0	152.7	229.1#
141	43.0	33.7	50.5



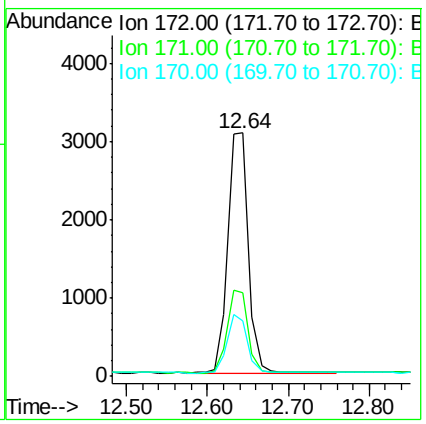


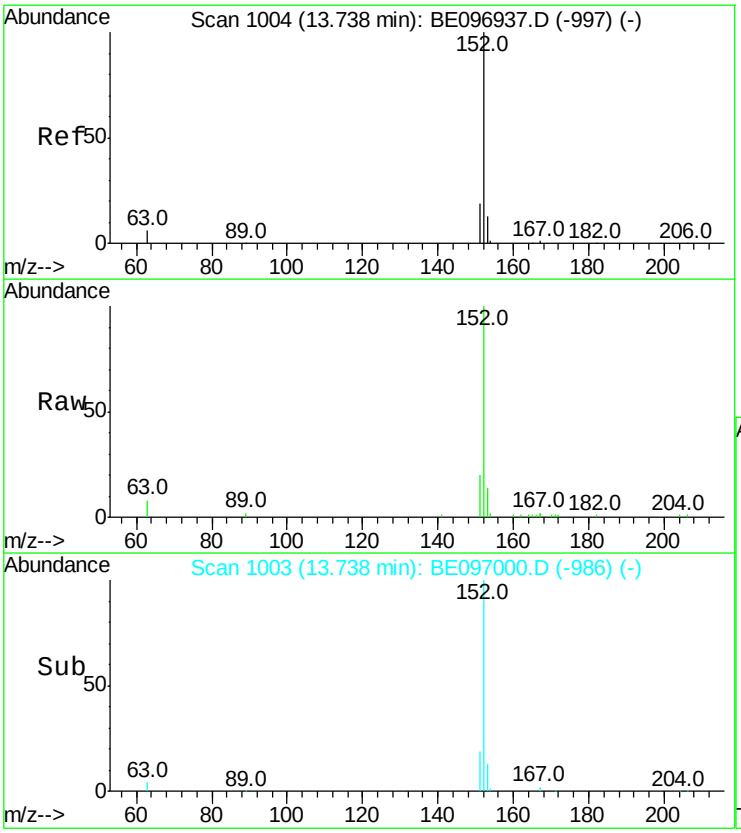
#15
2-Fluorobiphenyl
Concen: 0.355 ng
RT: 12.64 min Scan# 908
Delta R.T. -0.00 min
Lab File: BE097000.D
Acq: 19 Jul 2018 12:04

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:172 Resp: 5399

Ion	Ratio	Lower	Upper
172	100		
171	34.2	29.9	44.9
170	22.7	21.8	32.8

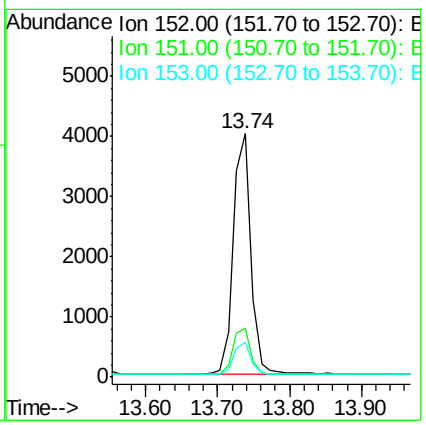


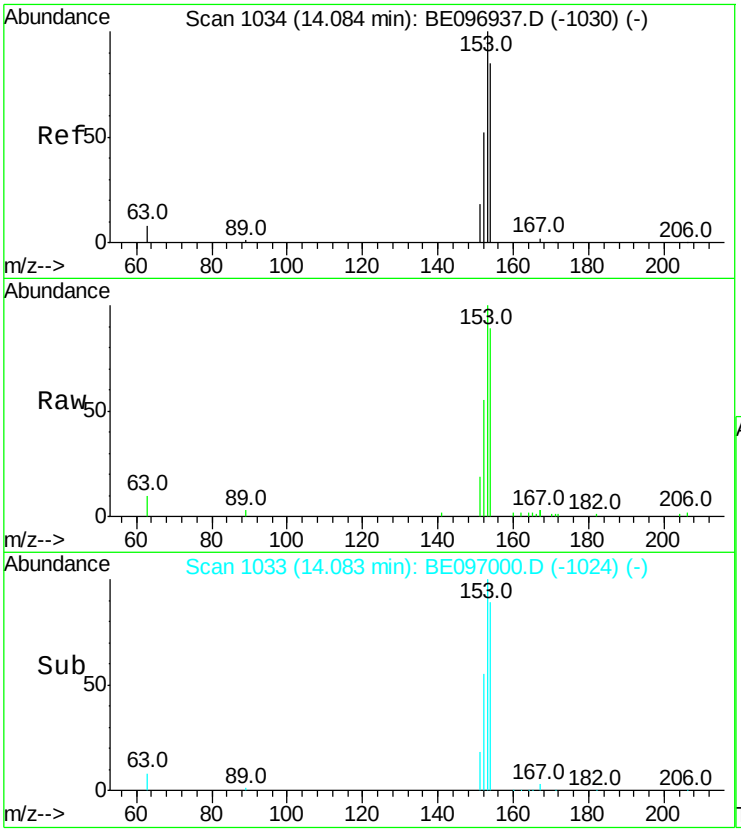


#16
Acenaphthylene
Concen: 0.363 ng
RT: 13.74 min Scan# 1003
Delta R.T. -0.00 min
Lab File: BE097000.D
Acq: 19 Jul 2018 12:04

Tgt Ion:152 Resp: 6766

Ion	Ratio	Lower	Upper
152	100		
151	19.6	15.7	23.5
153	13.4	10.5	15.7



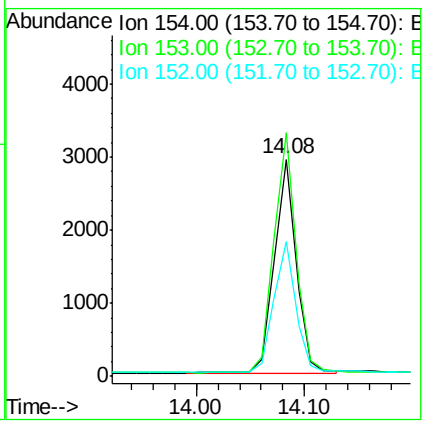


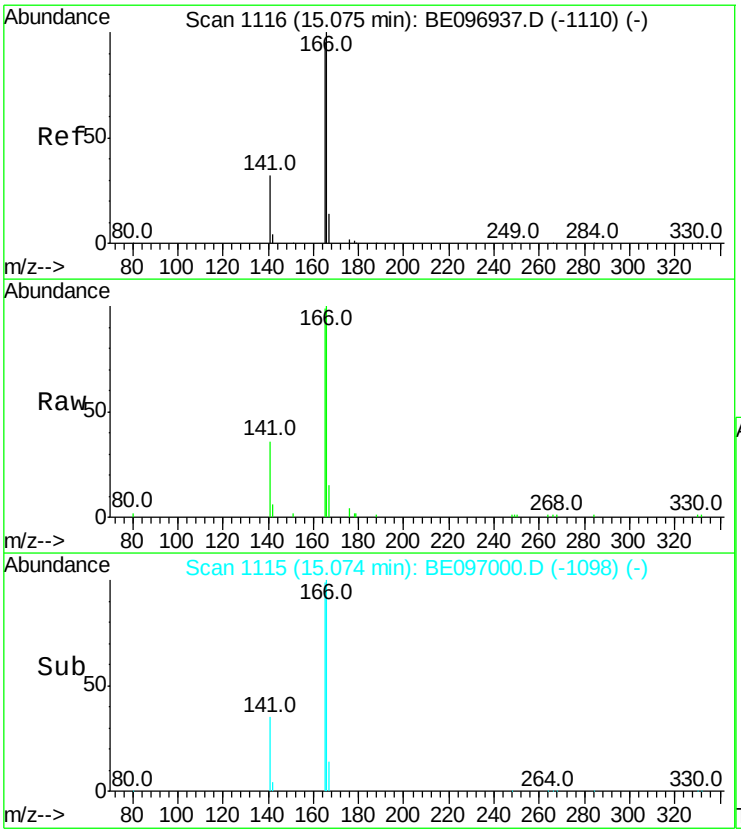
#17
Acenaphthene
Concen: 0.352 ng
RT: 14.08 min Scan# 1033
Delta R.T. -0.00 min
Lab File: BE097000.D
Acq: 19 Jul 2018 12:04

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:154 Resp: 4080

Ion	Ratio	Lower	Upper
154	100		
153	114.3	89.2	133.8
152	63.2	42.0	63.0#

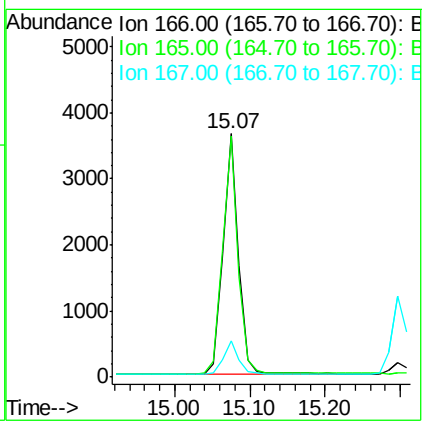


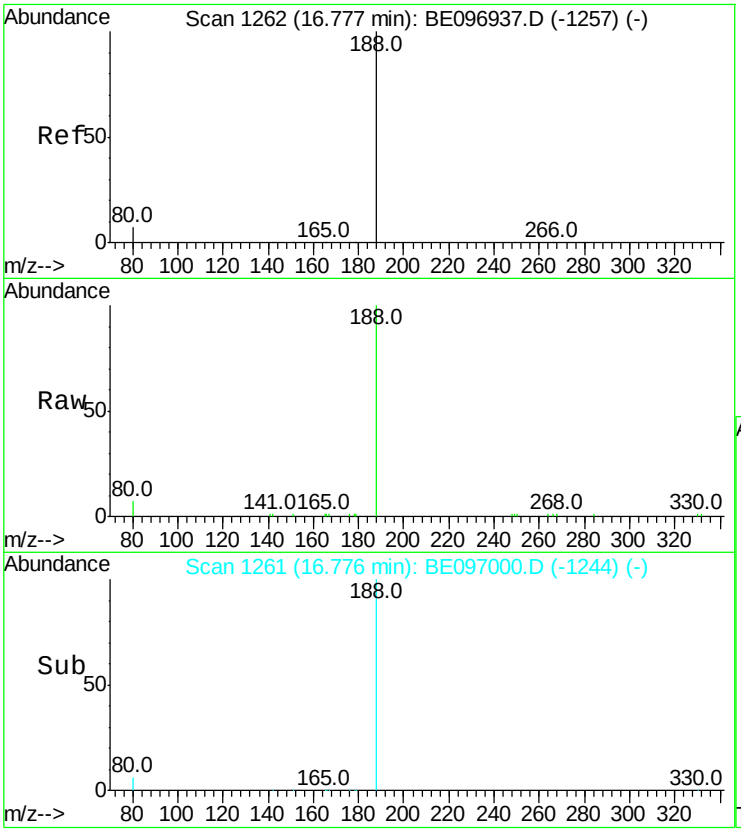


#18
Fluorene
Concen: 0.403 ng
RT: 15.07 min Scan# 1115
Delta R.T. -0.00 min
Lab File: BE097000.D
Acq: 19 Jul 2018 12:04

Tgt Ion:166 Resp: 5248

Ion	Ratio	Lower	Upper
166	100		
165	99.2	77.8	116.6
167	13.5	42.4	63.6#



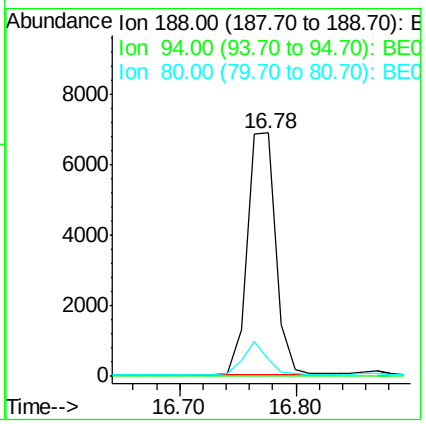


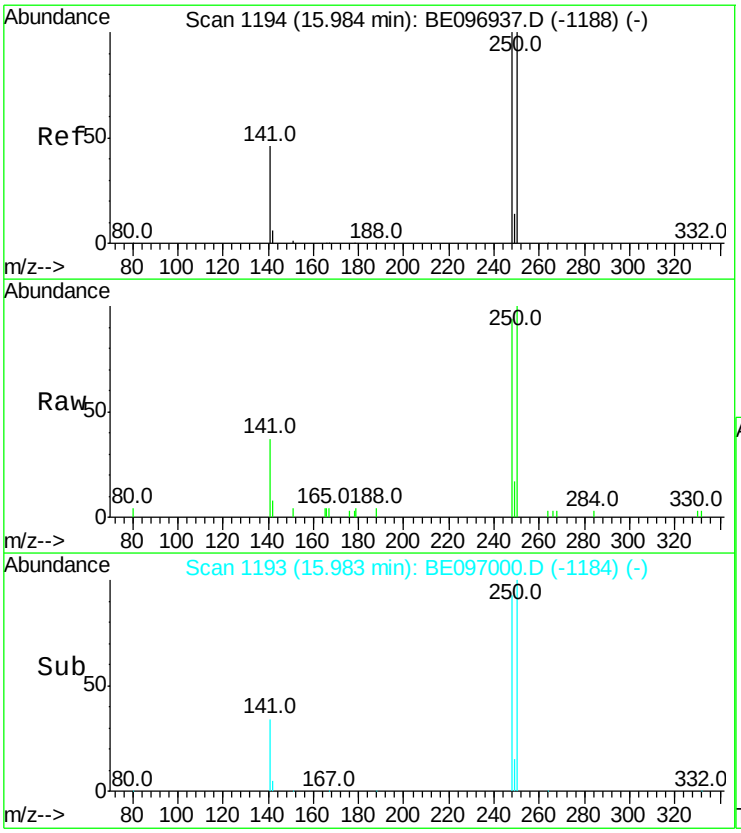
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.78 min Scan# 1261
Delta R.T. -0.00 min
Lab File: BE097000.D
Acq: 19 Jul 2018 12:04

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:188 Resp: 11655

Ion	Ratio	Lower	Upper
188	100		
94	0.0	3.9	5.9#
80	7.0	3.6	5.4#

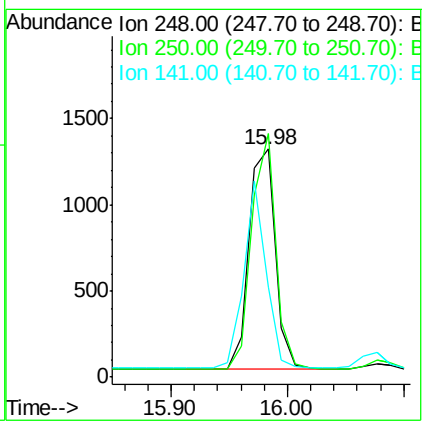


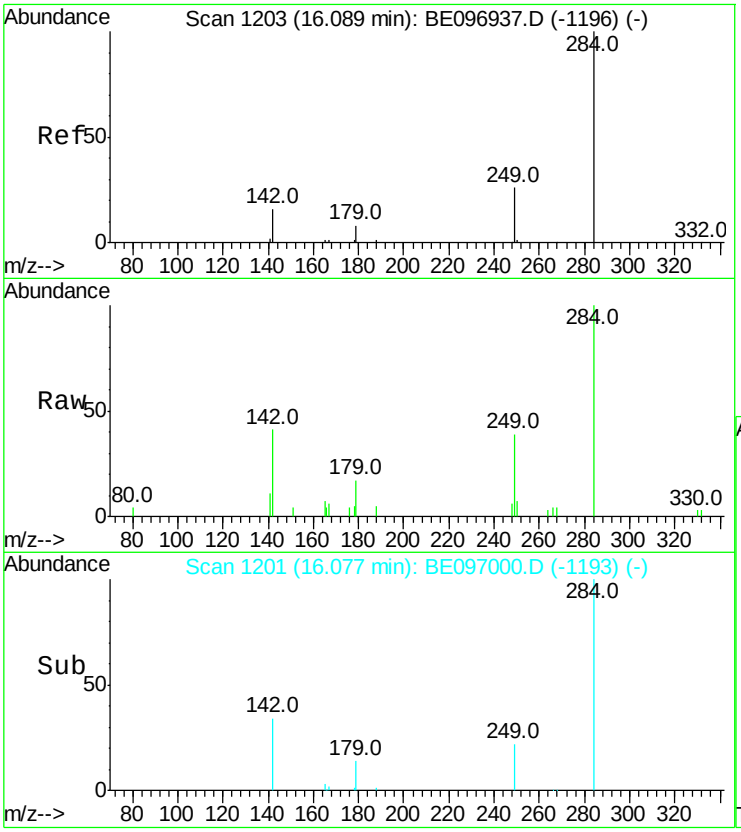


#20
4-Bromophenyl-phenylether
Concen: 0.372 ng
RT: 15.98 min Scan# 1193
Delta R.T. -0.00 min
Lab File: BE097000.D
Acq: 19 Jul 2018 12:04

Tgt Ion:248 Resp: 2050

Ion	Ratio	Lower	Upper
248	100		
250	106.8	62.7	94.1#
141	39.5	48.2	72.2#



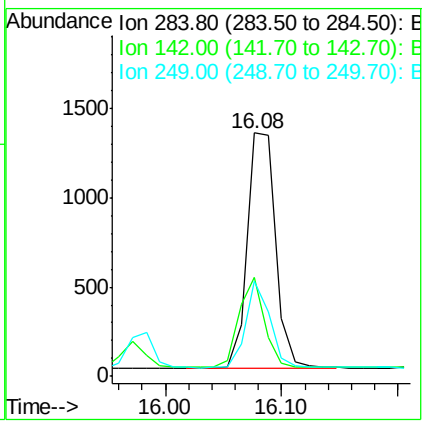


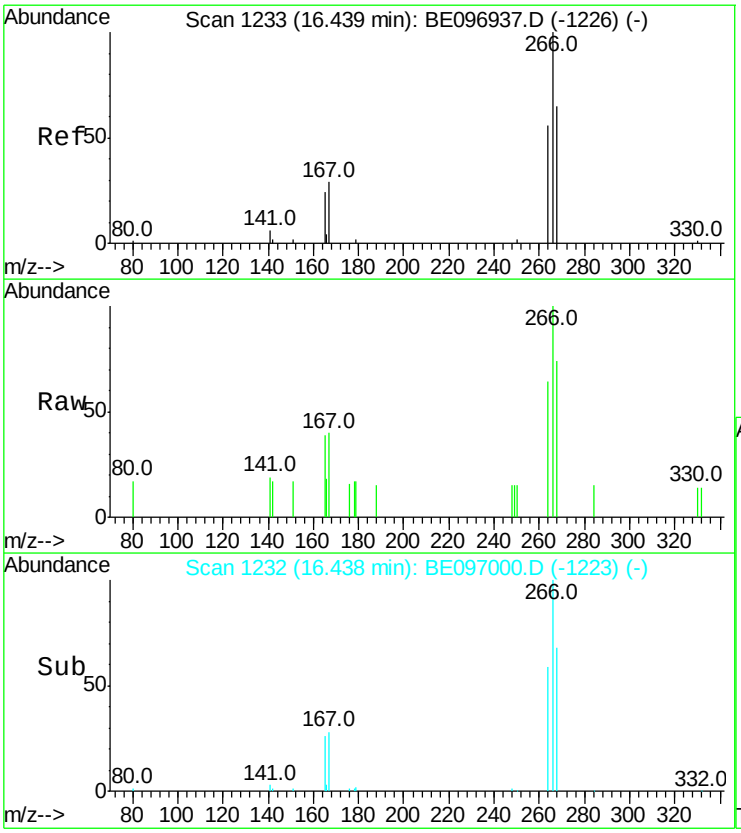
#21
Hexachlorobenzene
Concen: 0.368 ng
RT: 16.08 min Scan# 1201
Delta R.T. -0.01 min
Lab File: BE097000.D
Acq: 19 Jul 2018 12:04

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:284 Resp: 2251

Ion	Ratio	Lower	Upper
284	100		
142	34.3	22.1	33.1#
249	31.5	34.8	52.2#

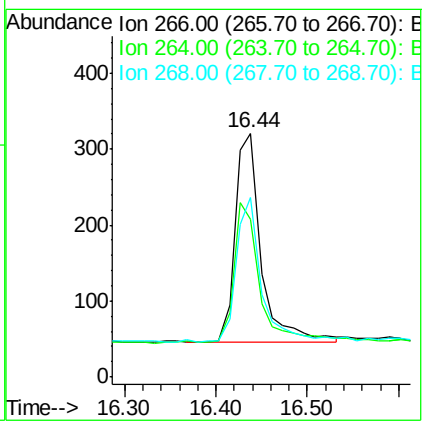


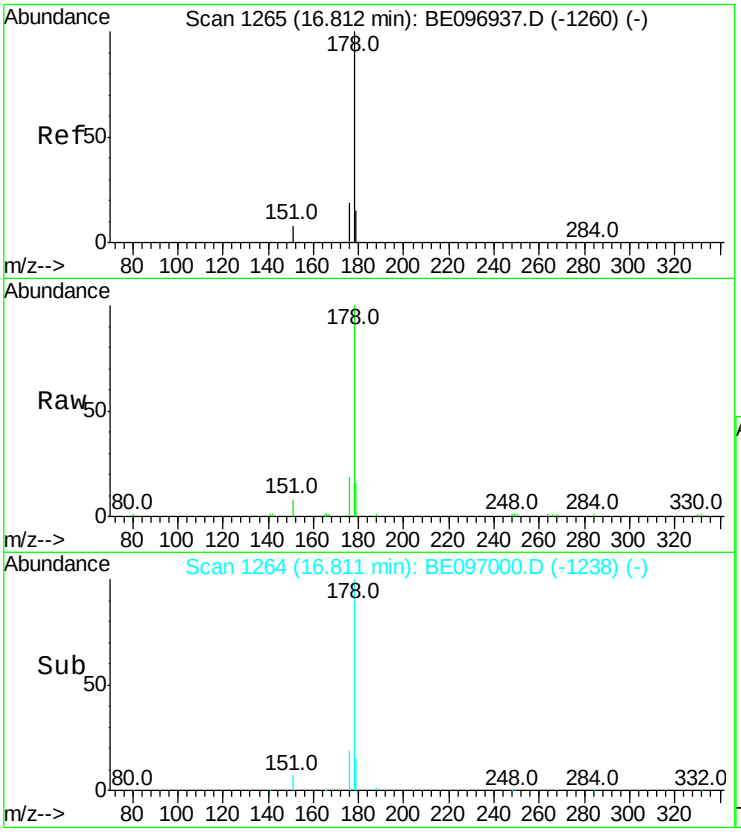


#22
Pentachlorophenol
Concen: 0.582 ng
RT: 16.44 min Scan# 1232
Delta R.T. -0.00 min
Lab File: BE097000.D
Acq: 19 Jul 2018 12:04

Tgt Ion:266 Resp: 551

Ion	Ratio	Lower	Upper
266	100		
264	64.5	72.5	108.7#
268	73.5	73.8	110.6#



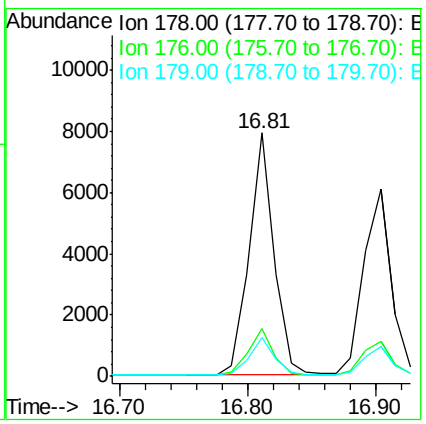


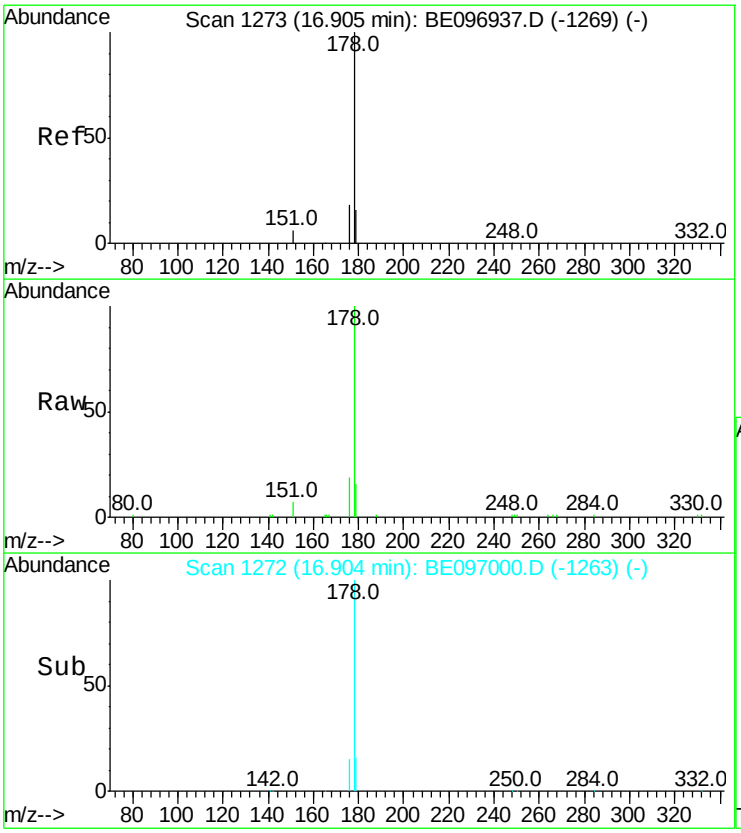
#23
Phenanthrene
Concen: 0.381 ng
RT: 16.81 min Scan# 1264
Delta R.T. -0.00 min
Lab File: BE097000.D
Acq: 19 Jul 2018 12:04

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:178 Resp: 10645

Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.1	22.7
179	15.3	11.8	17.6

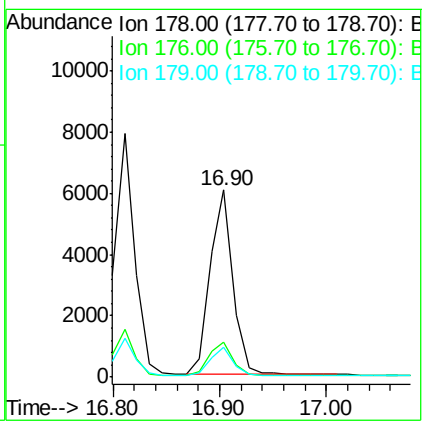


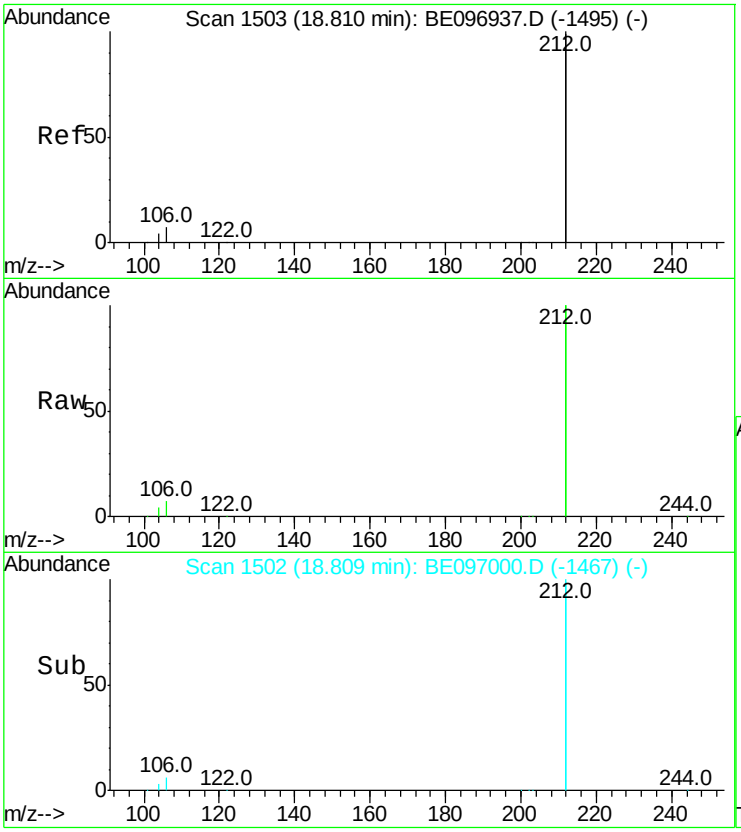


#24
Anthracene
Concen: 0.373 ng
RT: 16.90 min Scan# 1272
Delta R.T. -0.00 min
Lab File: BE097000.D
Acq: 19 Jul 2018 12:04

Tgt Ion:178 Resp: 9066

Ion	Ratio	Lower	Upper
178	100		
176	18.5	12.8	19.2
179	15.0	13.0	19.6



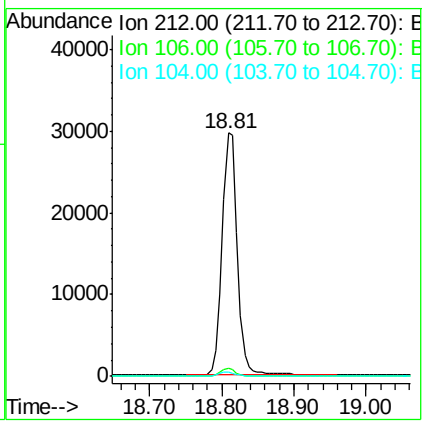


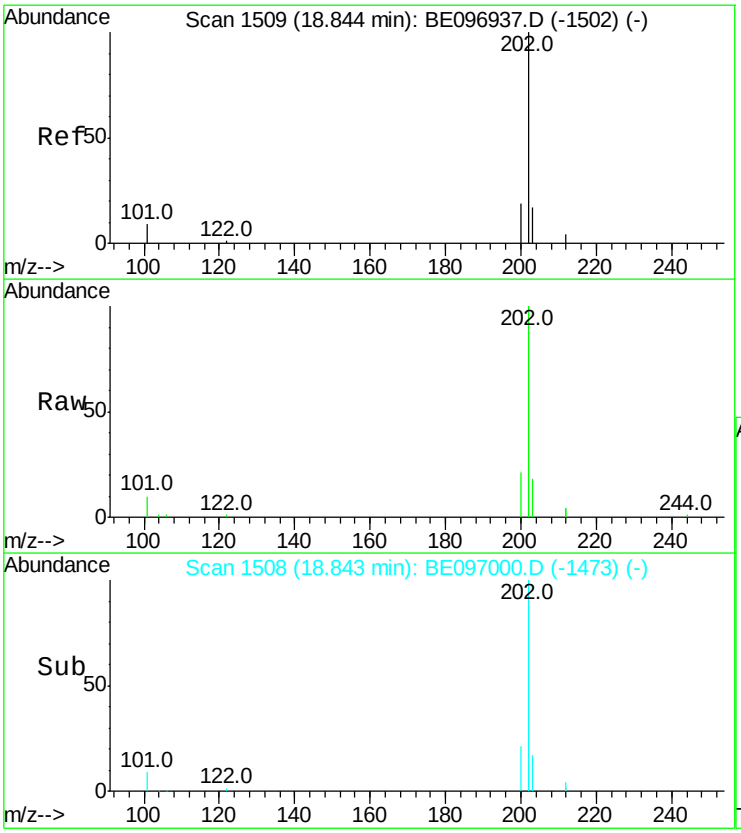
#25
Fluoranthene-d10
Concen: 0.425 ng
RT: 18.81 min Scan# 1502
Delta R.T. -0.00 min
Lab File: BE097000.D
Acq: 19 Jul 2018 12:04

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:212 Resp: 43110

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

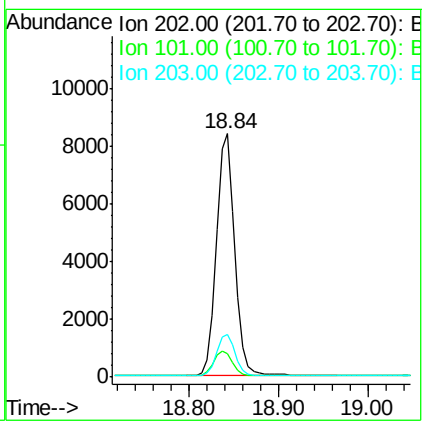


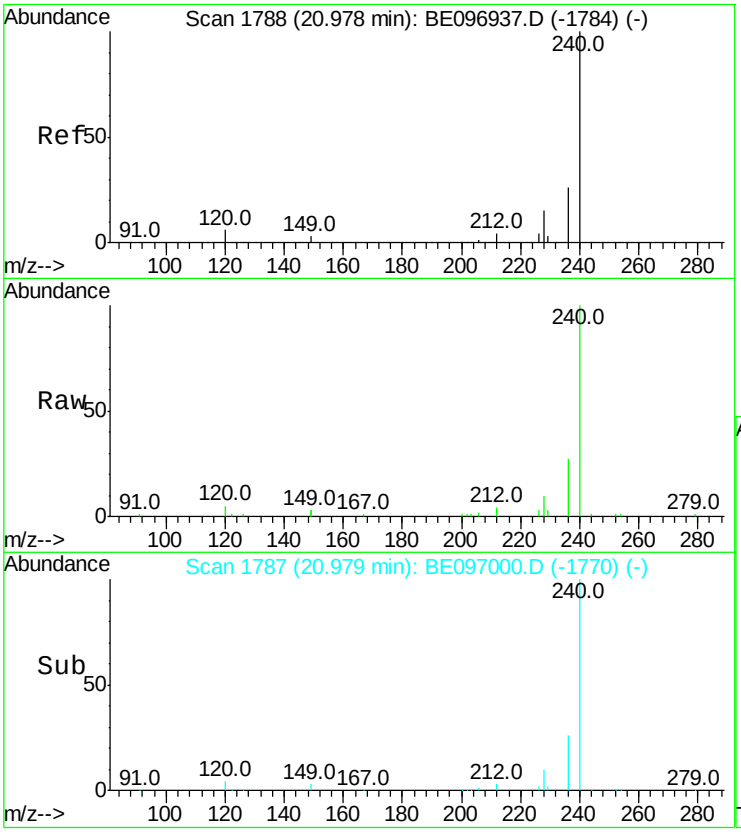


#26
Fluoranthene
Concen: 0.401 ng
RT: 18.84 min Scan# 1508
Delta R.T. -0.00 min
Lab File: BE097000.D
Acq: 19 Jul 2018 12:04

Tgt Ion:202 Resp: 11801

Ion	Ratio	Lower	Upper
202	100		
101	10.8	9.8	14.8
203	17.3	13.7	20.5



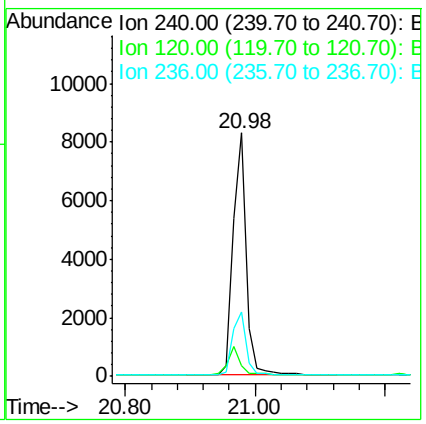


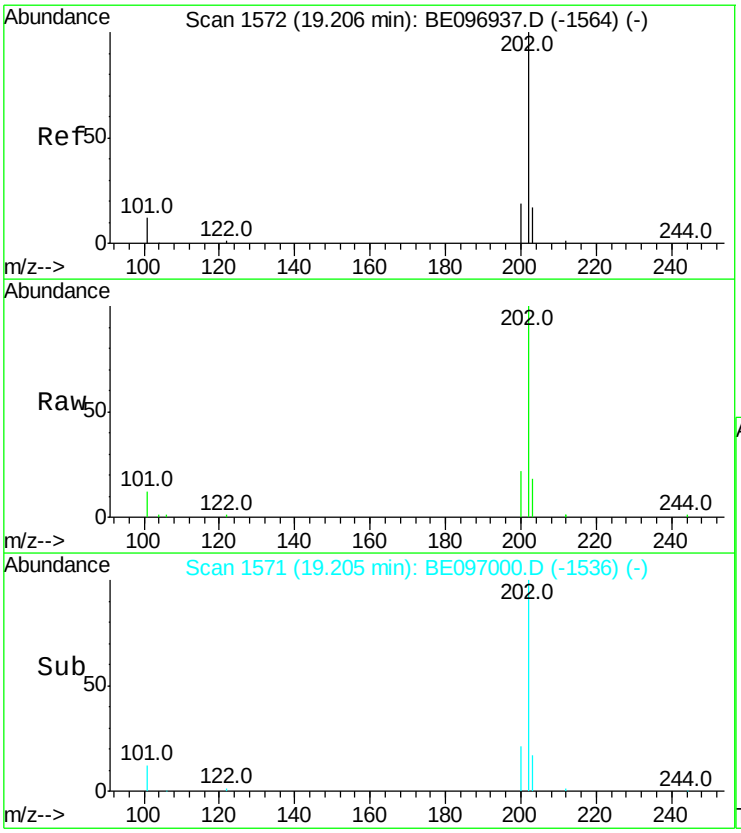
#27
Chrysene-d12
Concen: 0.400 ng
RT: 20.98 min Scan# 1787
Delta R.T. 0.00 min
Lab File: BE097000.D
Acq: 19 Jul 2018 12:04

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:240 Resp: 11833

Ion	Ratio	Lower	Upper
240	100		
120	4.6	5.5	8.3#
236	26.6	20.7	31.1

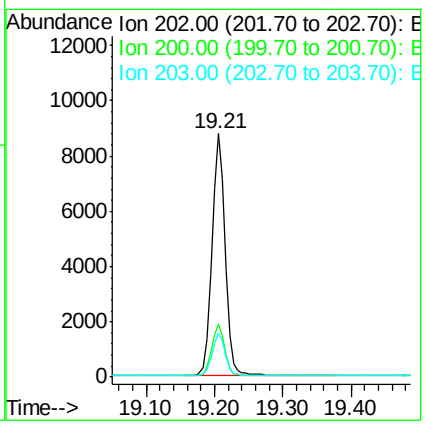


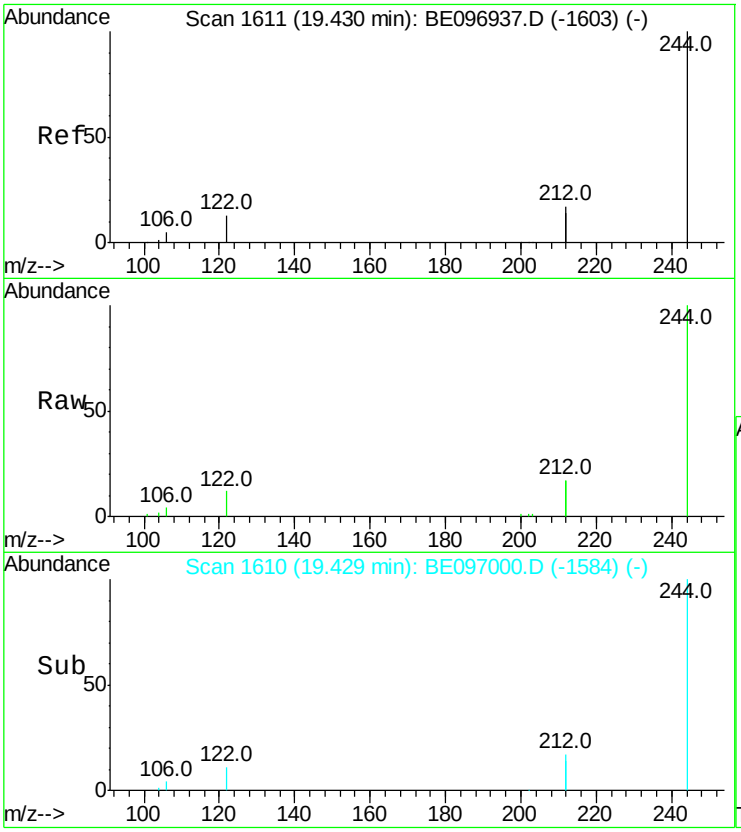


#28
Pyrene
Concen: 0.341 ng
RT: 19.21 min Scan# 1571
Delta R.T. -0.00 min
Lab File: BE097000.D
Acq: 19 Jul 2018 12:04

Tgt Ion:202 Resp: 11907

Ion	Ratio	Lower	Upper
202	100		
200	21.1	16.6	25.0
203	17.4	13.8	20.8



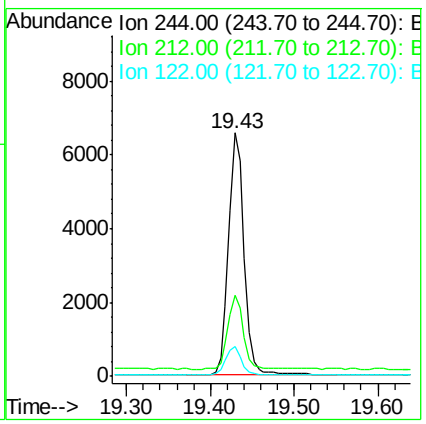


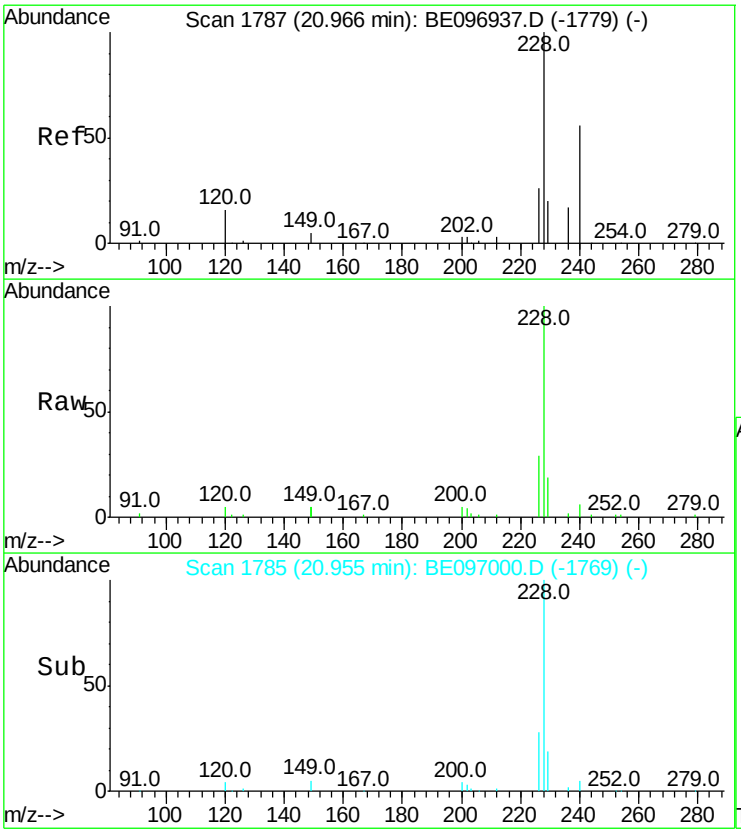
#29
Terphenyl-d14
Concen: 0.368 ng
RT: 19.43 min Scan# 1610
Delta R.T. -0.00 min
Lab File: BE097000.D
Acq: 19 Jul 2018 12:04

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:244 Resp: 8410

Ion	Ratio	Lower	Upper
244	100		
212	33.5	25.4	38.0
122	12.0	8.1	12.1

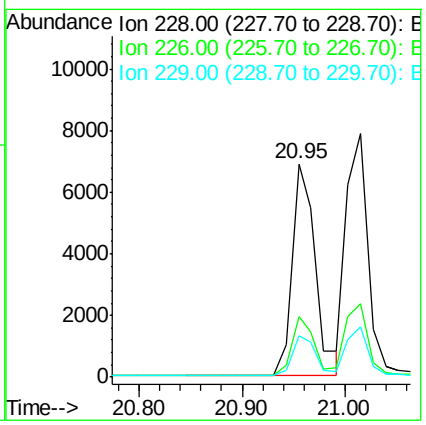


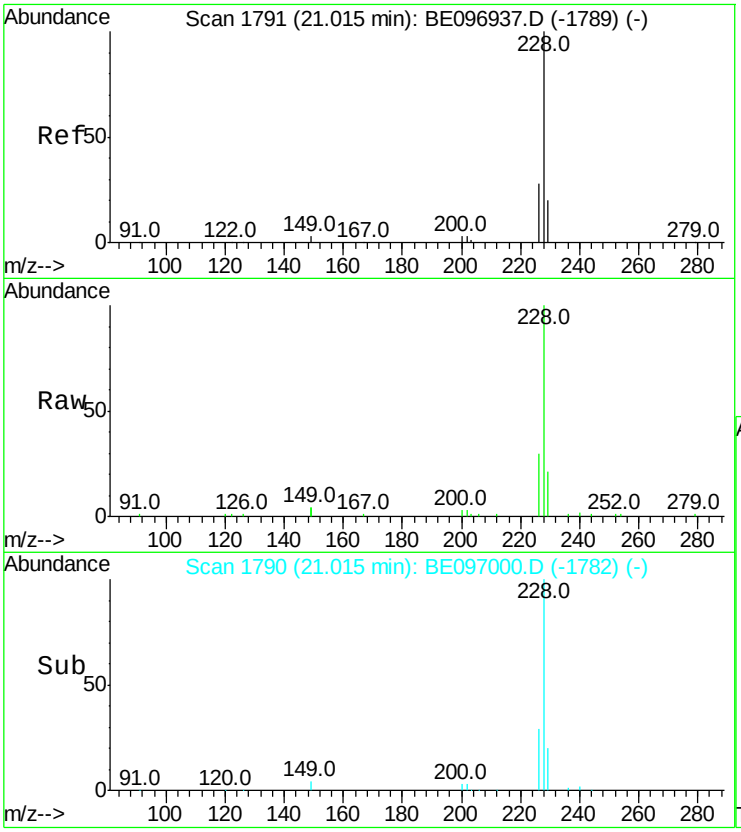


#30
Benzo(a)anthracene
Concen: 0.386 ng
RT: 20.95 min Scan# 1785
Delta R.T. -0.01 min
Lab File: BE097000.D
Acq: 19 Jul 2018 12:04

Tgt Ion:228 Resp: 10866

Ion	Ratio	Lower	Upper
228	100		
226	28.7	24.0	36.0
229	19.2	16.0	24.0



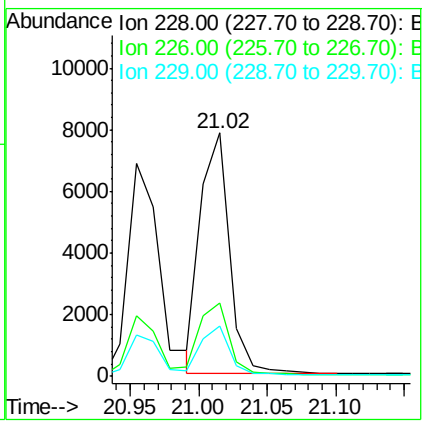


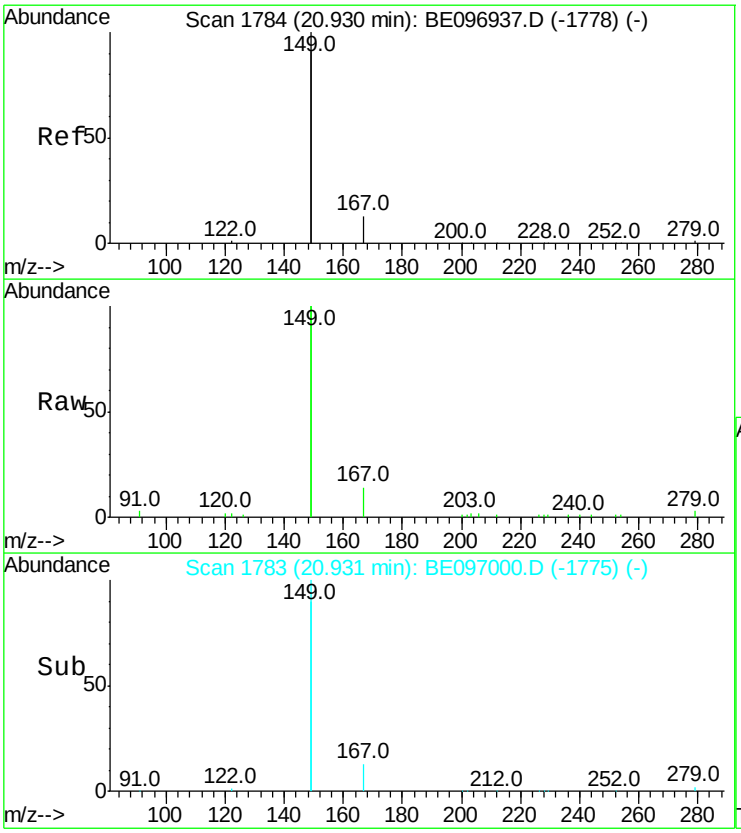
#31
Chrysene
Concen: 0.364 ng
RT: 21.02 min Scan# 1790
Delta R.T. 0.00 min
Lab File: BE097000.D
Acq: 19 Jul 2018 12:04

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:228 Resp: 11509

Ion	Ratio	Lower	Upper
228	100		
226	29.9	24.0	36.0
229	20.5	16.0	24.0

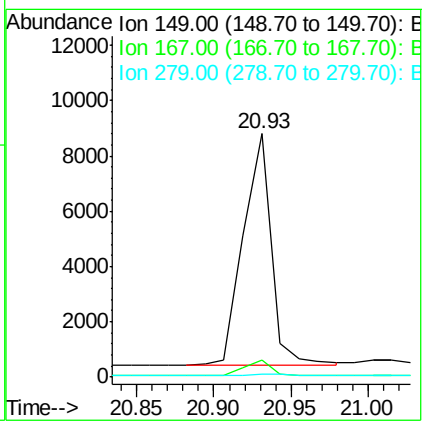


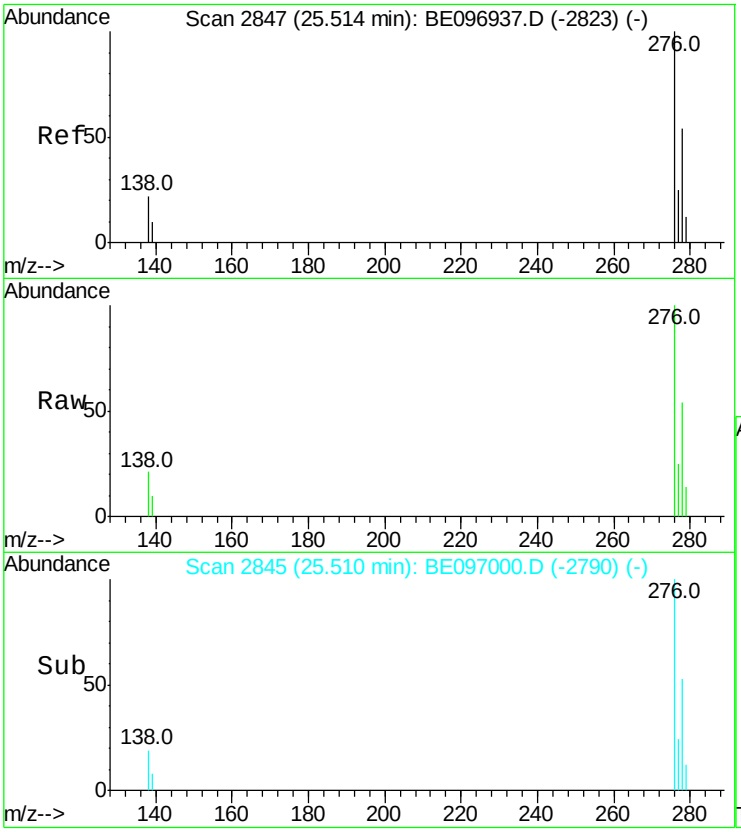


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.372 ng
RT: 20.93 min Scan# 1783
Delta R.T. 0.00 min
Lab File: BE097000.D
Acq: 19 Jul 2018 12:04

Tgt Ion:149 Resp: 10474

Ion	Ratio	Lower	Upper
149	100		
167	6.5	5.4	8.0
279	1.0	0.7	1.1



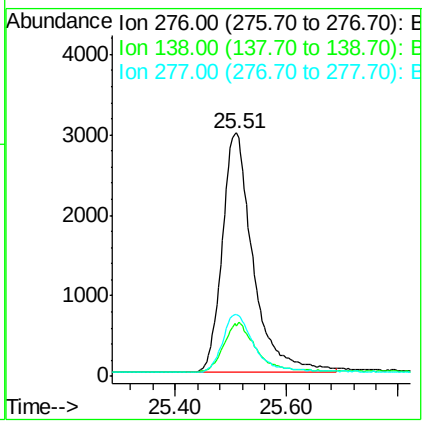


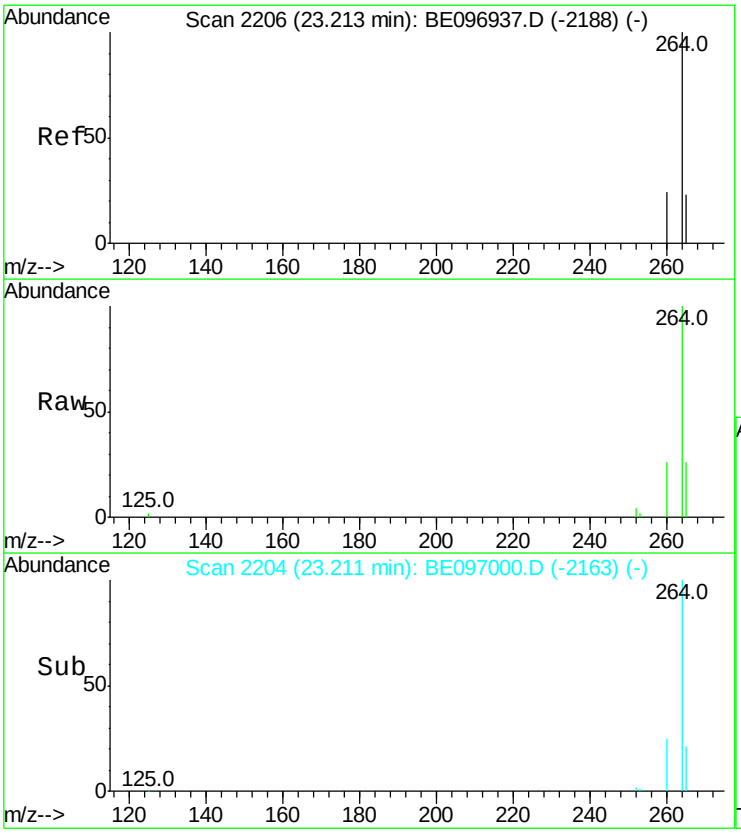
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.497 ng
RT: 25.51 min Scan# 2845
Delta R.T. -0.00 min
Lab File: BE097000.D
Acq: 19 Jul 2018 12:04

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:276 Resp: 11452

Ion	Ratio	Lower	Upper
276	100		
138	21.2	22.5	33.7#
277	24.8	19.9	29.9

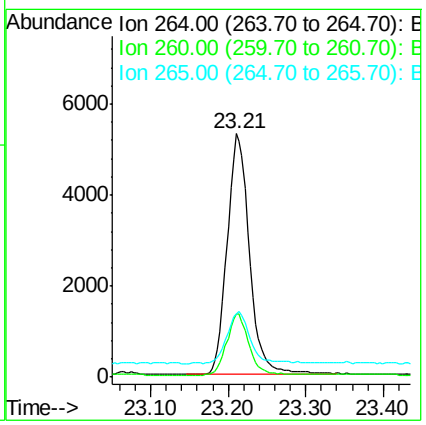


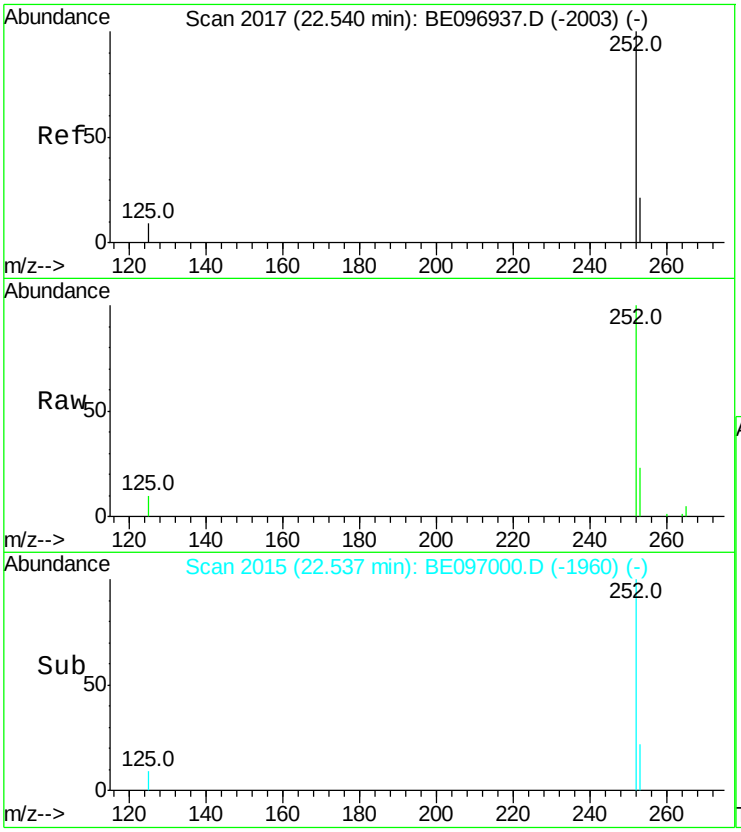


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.21 min Scan# 2204
Delta R.T. -0.00 min
Lab File: BE097000.D
Acq: 19 Jul 2018 12:04

Tgt Ion:264 Resp: 10643

Ion	Ratio	Lower	Upper
264	100		
260	25.7	20.5	30.7
265	26.1	22.8	34.2



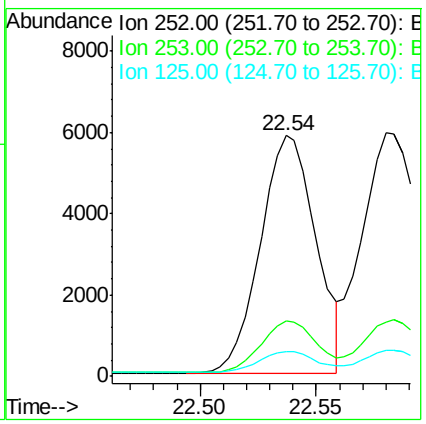


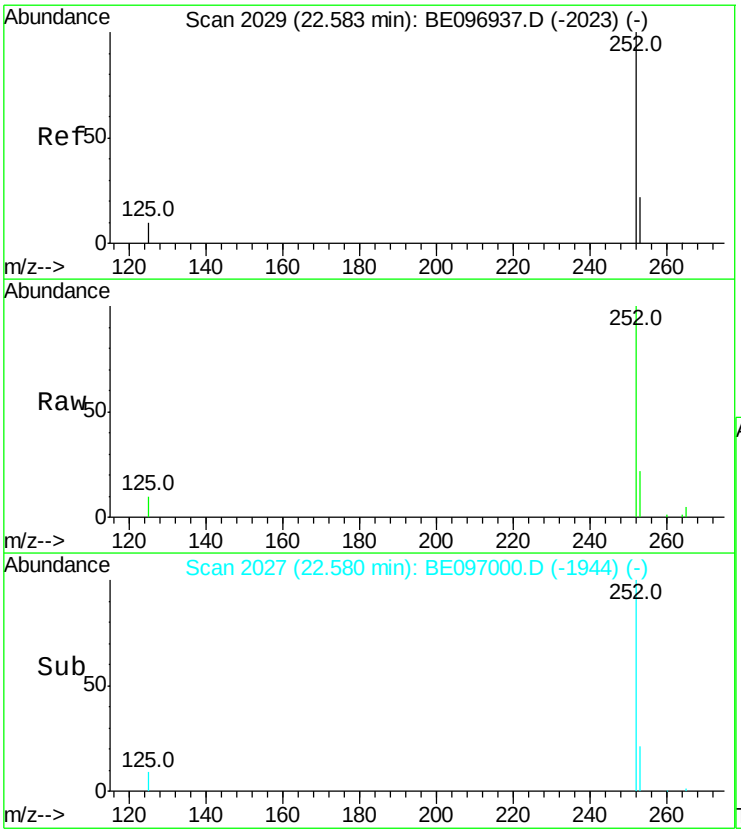
#35
Benzo(b)fluoranthene
Concen: 0.358 ng
RT: 22.54 min Scan# 2015
Delta R.T. -0.00 min
Lab File: BE097000.D
Acq: 19 Jul 2018 12:04

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:252 Resp: 9730

Ion	Ratio	Lower	Upper
252	100		
253	23.1	20.0	30.0
125	10.5	16.0	24.0#

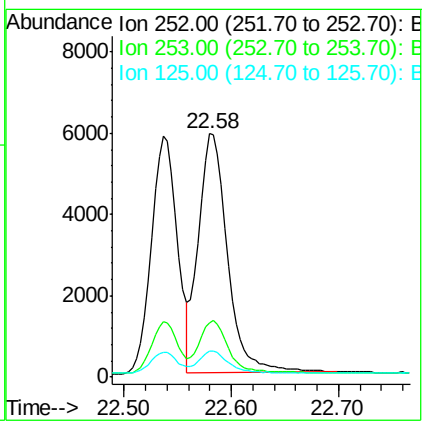


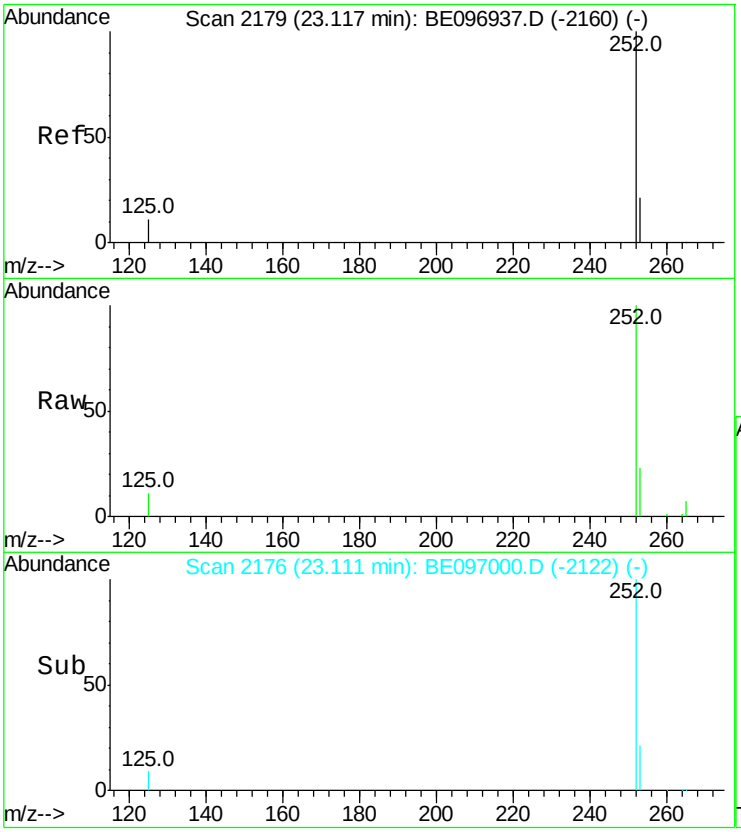


#36
Benzo(k)fluoranthene
Concen: 0.344 ng
RT: 22.58 min Scan# 2027
Delta R.T. -0.00 min
Lab File: BE097000.D
Acq: 19 Jul 2018 12:04

Tgt Ion:252 Resp: 11109

Ion	Ratio	Lower	Upper
252	100		
253	22.3	16.0	24.0
125	10.5	8.0	12.0



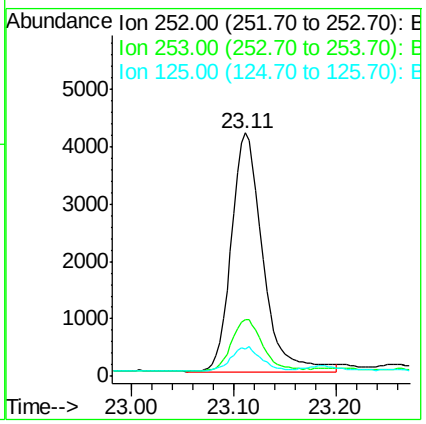


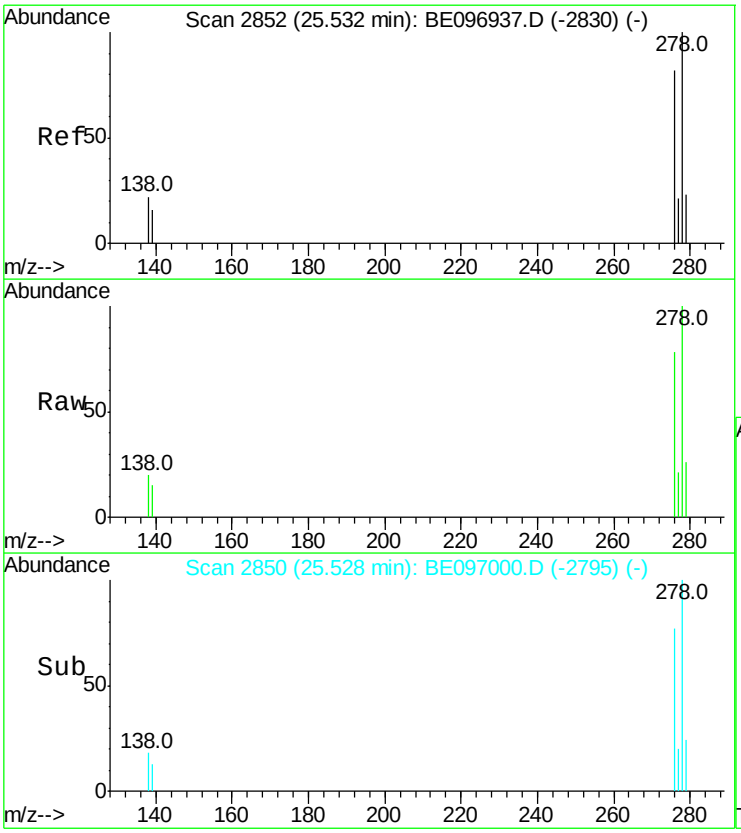
#37
Benzo(a)pyrene
Concen: 0.390 ng
RT: 23.11 min Scan# 2176
Delta R.T. -0.01 min
Lab File: BE097000.D
Acq: 19 Jul 2018 12:04

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:252 Resp: 8912

Ion	Ratio	Lower	Upper
252	100		
253	23.3	16.0	24.0
125	11.3	12.0	18.0#

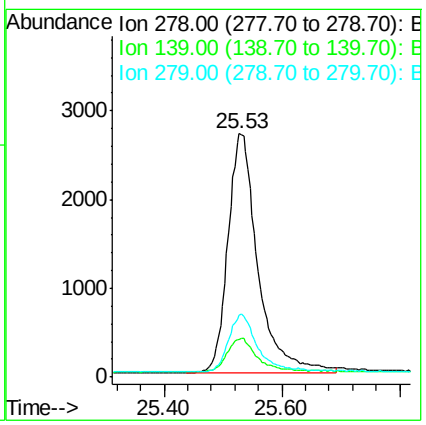


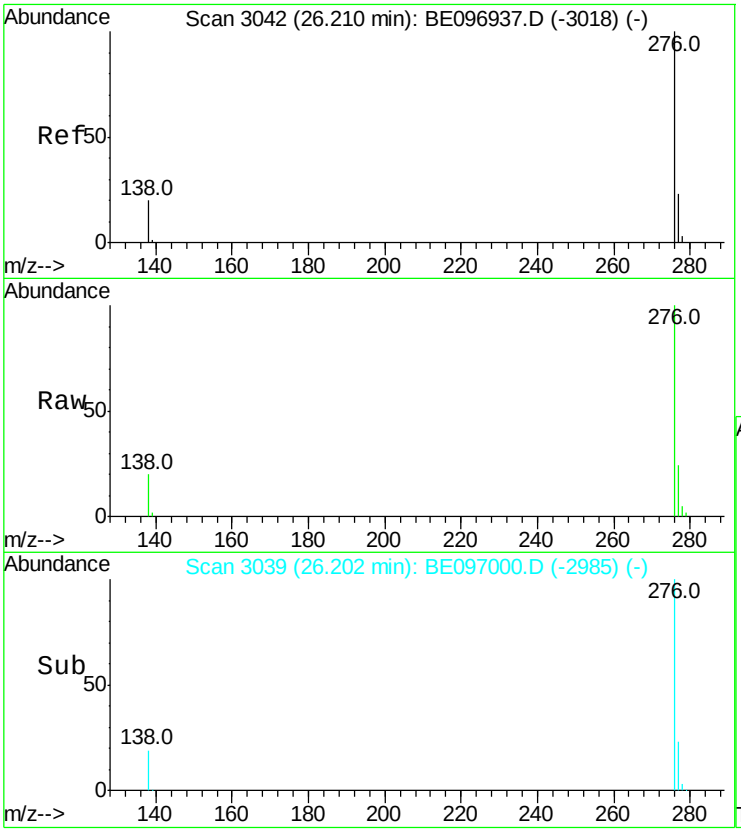


#38
Dibenzo(a,h)anthracene
Concen: 0.477 ng
RT: 25.53 min Scan# 2850
Delta R.T. -0.00 min
Lab File: BE097000.D
Acq: 19 Jul 2018 12:04

Tgt Ion:278 Resp: 9554

Ion	Ratio	Lower	Upper
278	100		
139	15.2	16.0	24.0#
279	25.5	20.0	30.0





#39
Benzo(g,h,i)perylene
Concen: 0.454 ng
RT: 26.20 min Scan# 3039
Delta R.T. -0.01 min
Lab File: BE097000.D
Acq: 19 Jul 2018 12:04

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:276 Resp: 10020

Ion	Ratio	Lower	Upper
276	100		
277	24.1	16.0	24.0#
138	20.3	20.0	30.0