Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE072318\
Data File : BE097062.D
Acq On : 24 Jul 2018 7:37
Operator : SJ/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : SSTDCCC0.4EC

Quant Time: Jul 24 08:22:34 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE071618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 20 11:34:20 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.39	152	1701	0.40	ng		0.00
7) Naphthalene-d8	10.15	136	8592	0.40	ng		0.00
13) Acenaphthene-d10	14.01	164	5576	0.40	ng		0.00
19) Phenanthrene-d10	16.76	188	15334	0.40	ng		0.00
27) Chrysene-d12	20.98	240	15594	0.40	ng		0.00
34) Perylene-d12	23.21	264	15161	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.05	112	2069	0.51	ng		0.00
5) Phenol-d6	6.60	99	3128	0.50	ng		0.00
8) Nitrobenzene-d5	8.52	82	3042	0.49	ng		0.00
11) 2-Methylnaphthalene-d10	11.73	152	4987	0.40	ng		0.00
14) 2,4,6-Tribromophenol	15.52	330	813	0.61	ng		0.00
15) 2-Fluorobiphenyl	12.63	172	7475	0.36	ng		0.00
25) Fluoranthene-d10	18.81	212	61136	0.46	ng		0.00
29) Terphenyl-d14	19.43	244	11644	0.39	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.10	88	1039	0.427	ng	#	88
3) n-Nitrosodimethylamine	3.38	42	1190	0.434	ng	#	95
6) bis(2-Chloroethyl)ether	6.84	93	2498	0.410	ng		96
9) Naphthalene	10.20	128	30548	0.397	ng		99
10) Hexachlorobutadiene	10.48	225	1340	0.431	ng		98
12) 2-Methylnaphthalene	11.81	142	5199	0.399	ng		99
16) Acenaphthylene	13.73	152	9647	0.379	ng		99
17) Acenaphthene	14.08	154	5888	0.372	ng		96
18) Fluorene	15.08	166	7633	0.429	ng	#	79
20) 4-Bromophenyl-phenylether	15.97	248	2831	0.390	ng	#	83
21) Hexachlorobenzene	16.08	284	3058	0.380	ng	#	83
22) Pentachlorophenol	16.43	266	1050	0.772	ng	#	75
23) Phenanthrene	16.81	178	14458	0.394	ng		98
24) Anthracene	16.89	178	12912	0.404	ng		96
26) Fluoranthene	18.84	202	16397	0.423	ng		98
28) Pyrene	19.20	202	16732	0.363	ng		99
30) Benzo(a)anthracene	20.95	228	15789	0.425	ng		98
31) Chrysene	21.00	228	16618	0.399	ng		98
32) Bis(2-ethylhexyl)phthalate	20.92	149	29151	0.786	ng		99
33) Indeno(1,2,3-cd)pyrene	25.50	276	16916	0.558	ng	#	93
35) Benzo(b)fluoranthene	22.53	252	14726	0.381	ng	#	88
36) Benzo(k)fluoranthene	22.58	252	17021	0.370	ng		96
37) Benzo(a)pyrene	23.11	252	14573	0.432	ng	#	92
38) Dibenzo(a,h)anthracene	25.53	278	14024	0.488	ng	#	95
39) Benzo(g,h,i)perylene	26.20	276	14540	0.462	ng	#	90

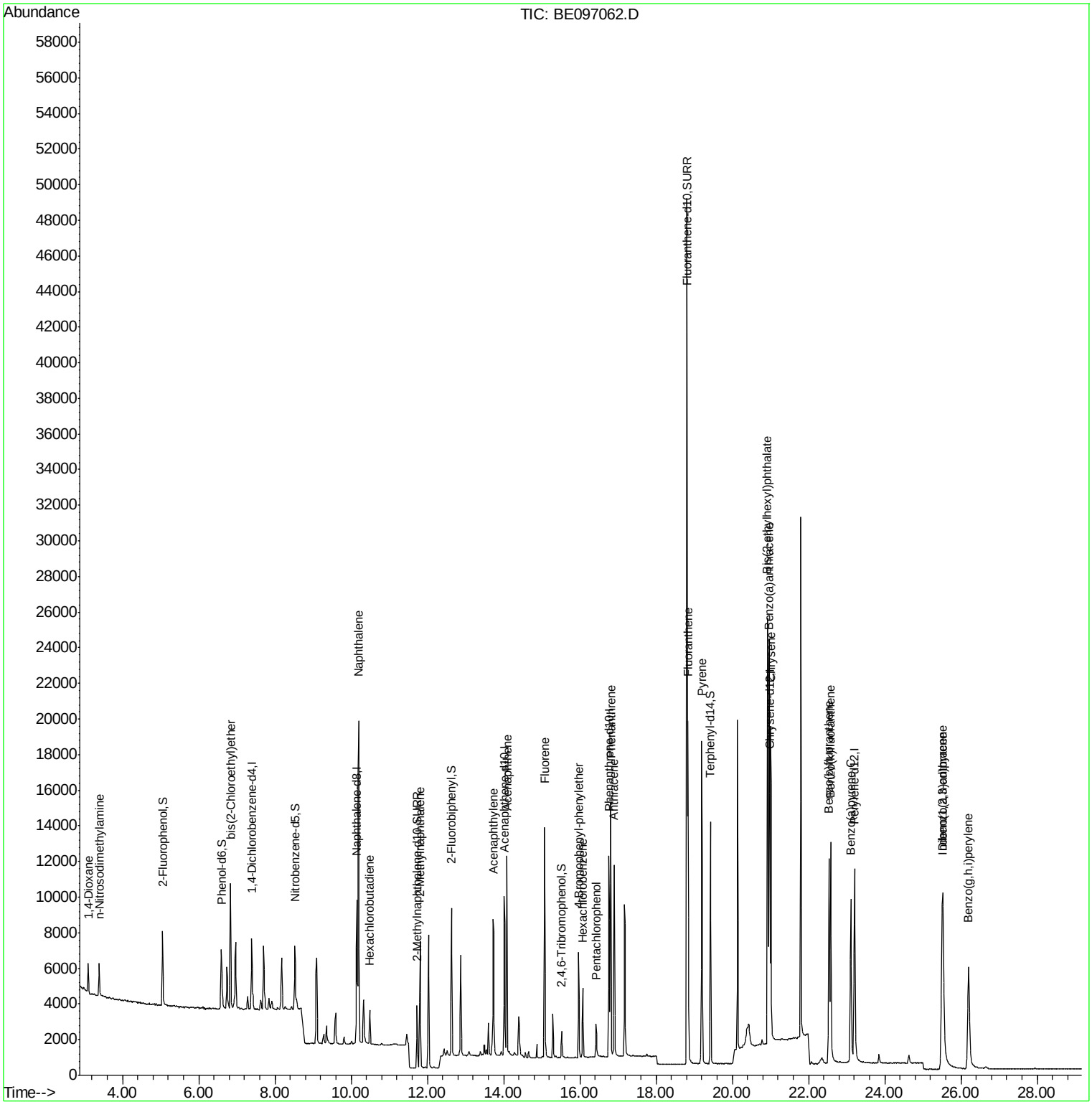
(#) = qualifier out of range (m) = manual integration (+) = signals summed

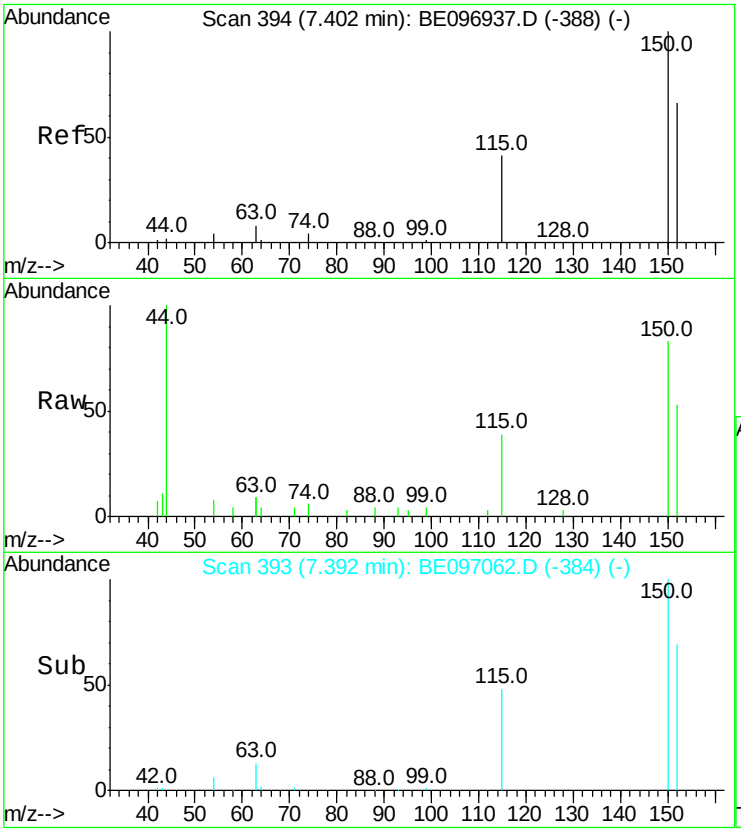
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE072318\
Data File : BE097062.D
Acq On : 24 Jul 2018 7:37
Operator : SJ/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Quant Time: Jul 24 08:22:34 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE071618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 20 11:34:20 2018
Response via : Initial Calibration



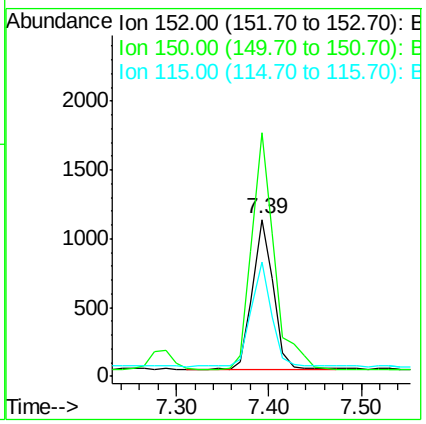


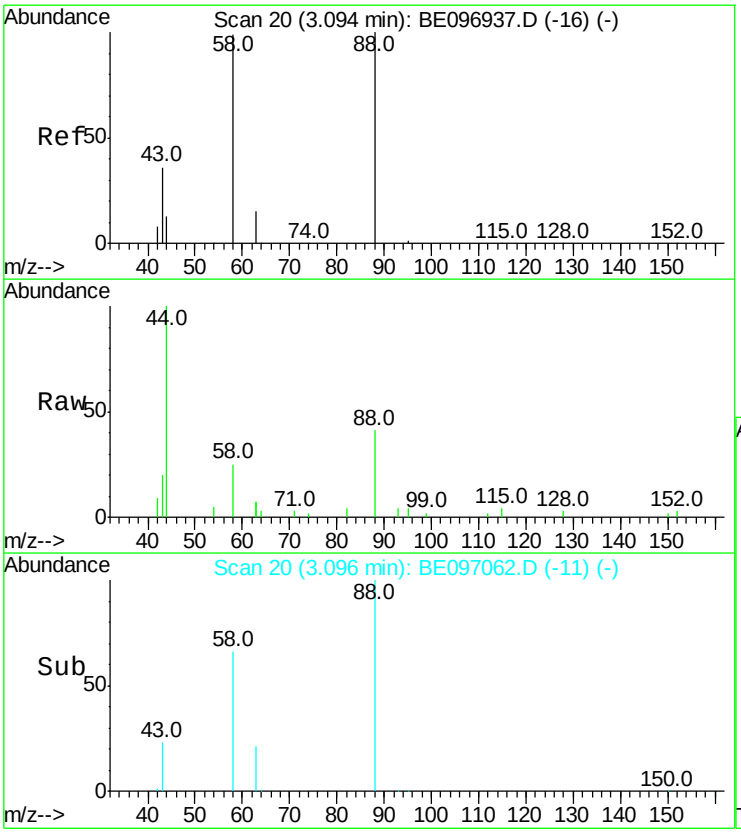
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.39 min Scan# 393
Delta R.T. 0.00 min
Lab File: BE097062.D
Acq: 24 Jul 2018 7:37

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:152 Resp: 1701

Ion	Ratio	Lower	Upper
152	100		
150	155.4	117.2	175.8
115	72.6	57.0	85.6

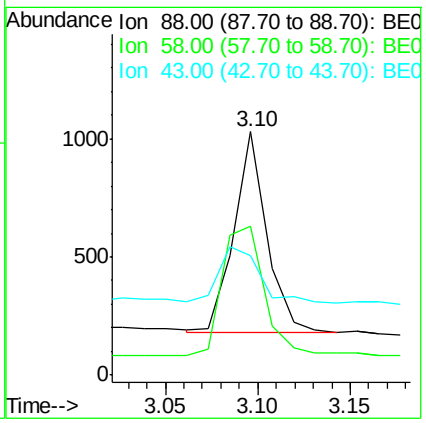


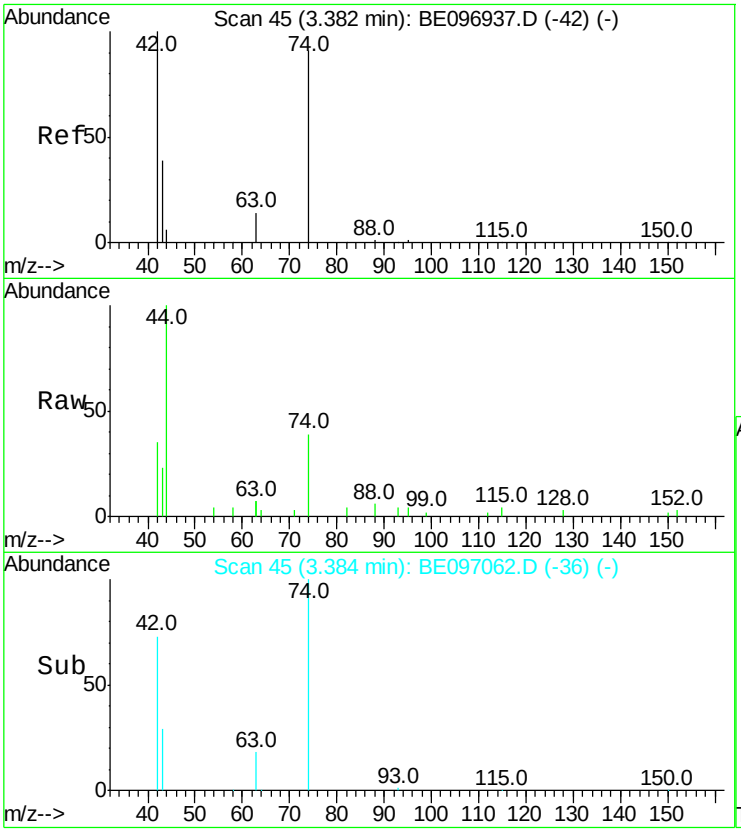


#2
1,4-Dioxane
Concen: 0.427 ng
RT: 3.10 min Scan# 20
Delta R.T. 0.00 min
Lab File: BE097062.D
Acq: 24 Jul 2018 7:37

Tgt Ion: 88 Resp: 1039

Ion	Ratio	Lower	Upper
88	100		
58	84.2	63.2	94.8
43	35.8	41.2	61.8#



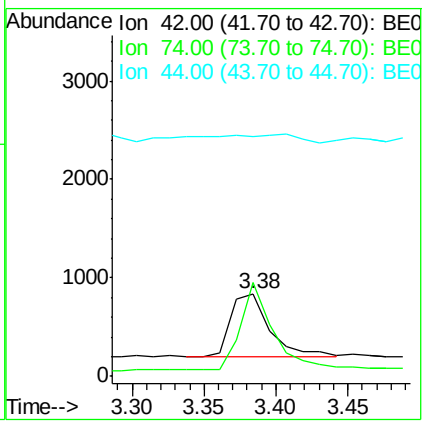


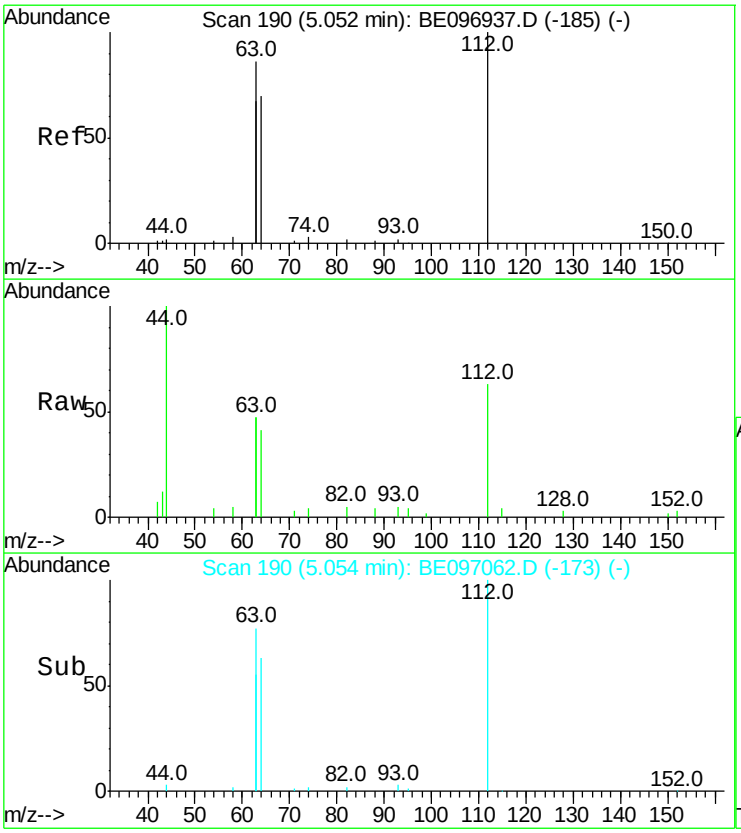
#3
n-Nitrosodimethylamine
Concen: 0.434 ng
RT: 3.38 min Scan# 45
Delta R.T. 0.00 min
Lab File: BE097062.D
Acq: 24 Jul 2018 7:37

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion: 42 Resp: 1190

Ion	Ratio	Lower	Upper
42	100		
74	118.7	96.0	144.0
44	0.0	12.0	18.0#

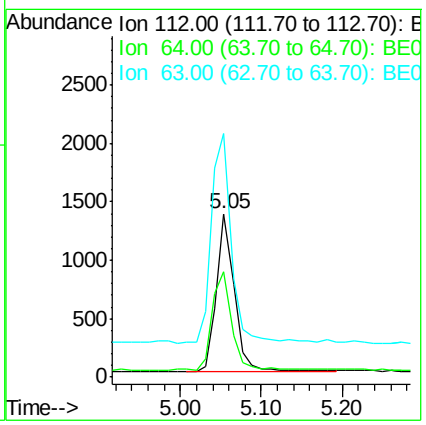


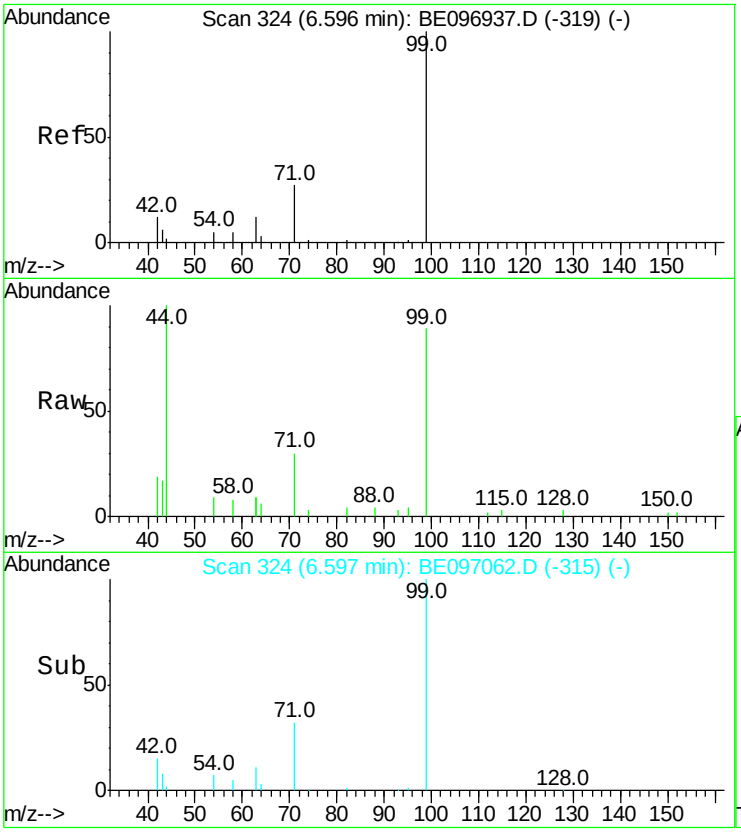


#4
2-Fluorophenol
Concen: 0.508 ng
RT: 5.05 min Scan# 190
Delta R.T. 0.00 min
Lab File: BE097062.D
Acq: 24 Jul 2018 7:37

Tgt Ion:112 Resp: 2069

Ion	Ratio	Lower	Upper
112	100		
64	70.1	60.1	90.1
63	149.8	116.8	175.2



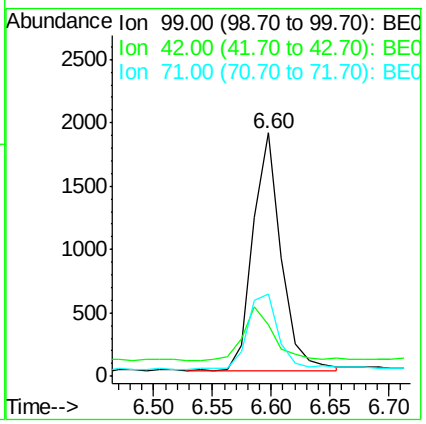


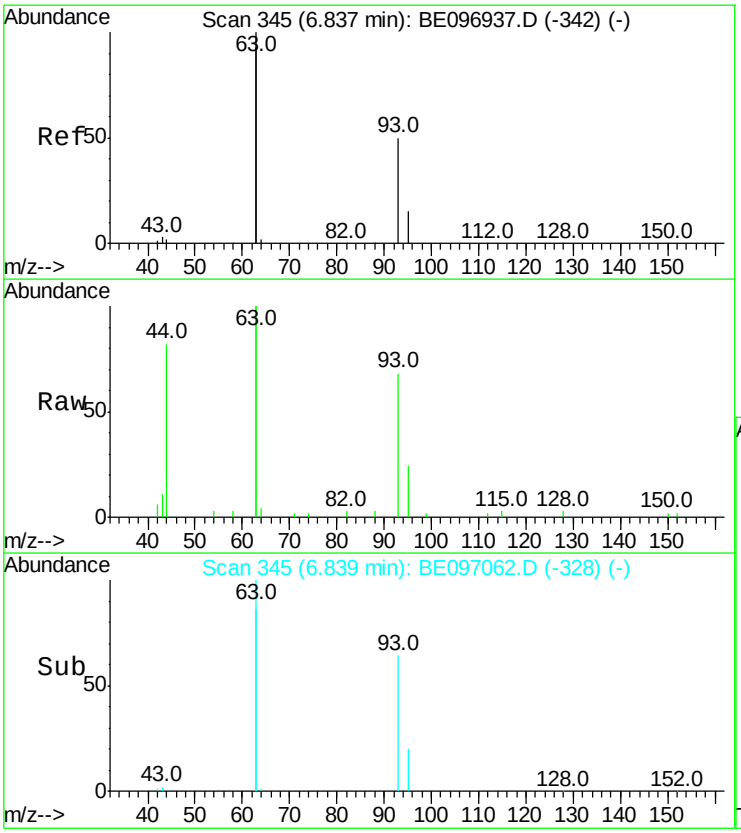
#5
Phenol-d6
Concen: 0.504 ng
RT: 6.60 min Scan# 324
Delta R.T. 0.00 min
Lab File: BE097062.D
Acq: 24 Jul 2018 7:37

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion: 99 Resp: 3128

Ion	Ratio	Lower	Upper
99	100		
42	23.8	20.2	30.2
71	34.9	28.4	42.6

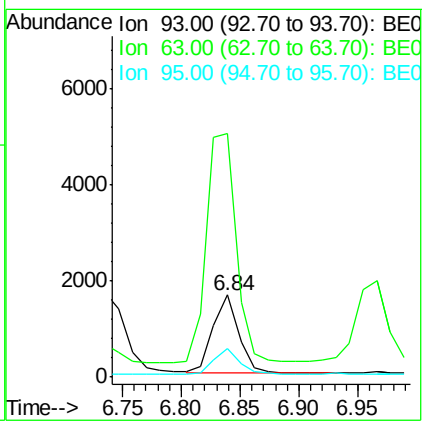


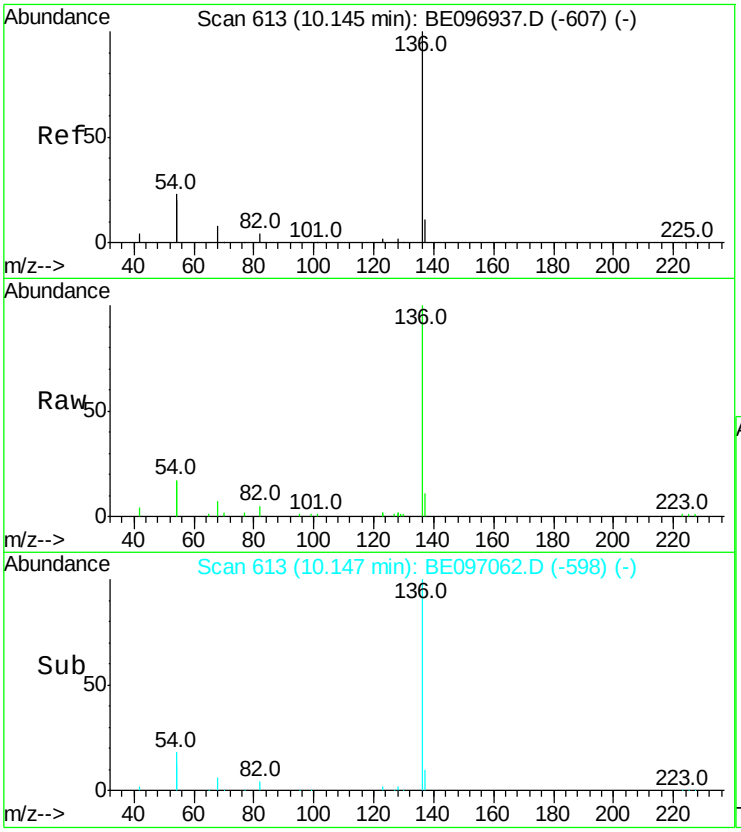


#6
bis(2-Chloroethyl)ether
Concen: 0.410 ng
RT: 6.84 min Scan# 345
Delta R.T. 0.00 min
Lab File: BE097062.D
Acq: 24 Jul 2018 7:37

Tgt Ion: 93 Resp: 2498

Ion	Ratio	Lower	Upper
93	100		
63	334.2	275.3	412.9
95	32.1	25.2	37.8



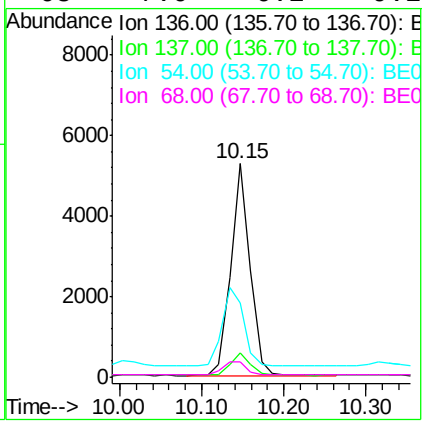


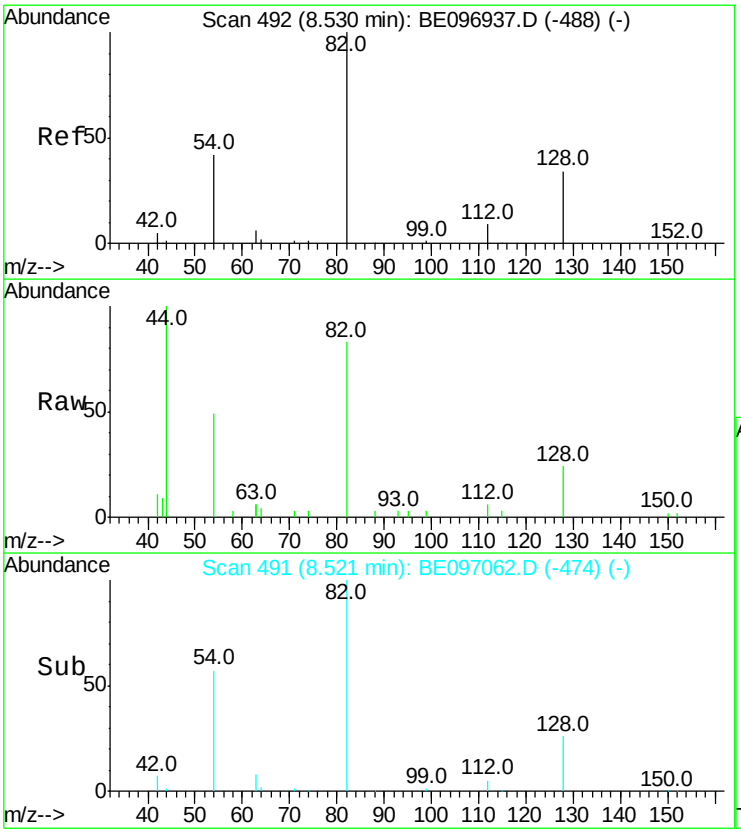
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.15 min Scan# 613
Delta R.T. 0.00 min
Lab File: BE097062.D
Acq: 24 Jul 2018 7:37

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:136 Resp: 8592

Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.5	14.3
54	34.8	29.1	43.7
68	7.0	6.2	9.2

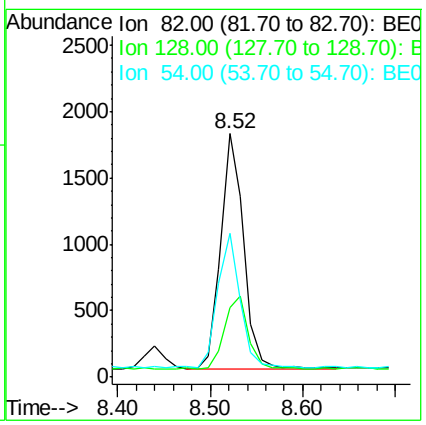


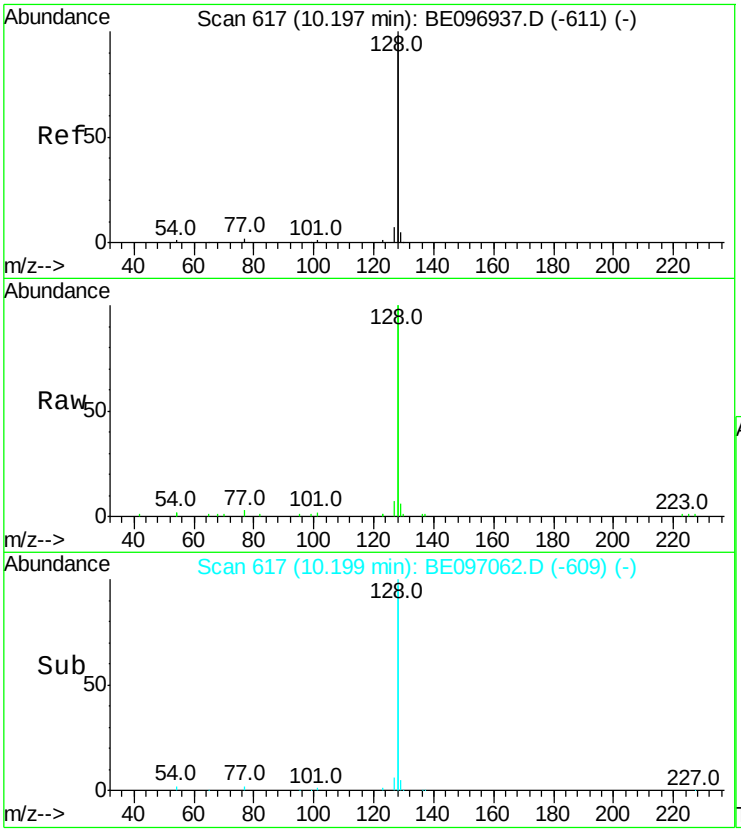


#8
Nitrobenzene-d5
Concen: 0.485 ng
RT: 8.52 min Scan# 491
Delta R.T. 0.00 min
Lab File: BE097062.D
Acq: 24 Jul 2018 7:37

Tgt Ion: 82 Resp: 3042

Ion	Ratio	Lower	Upper
82	100		
128	28.8	24.0	36.0
54	59.0	40.0	60.0



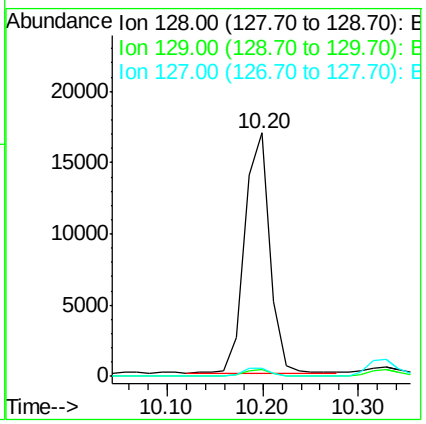


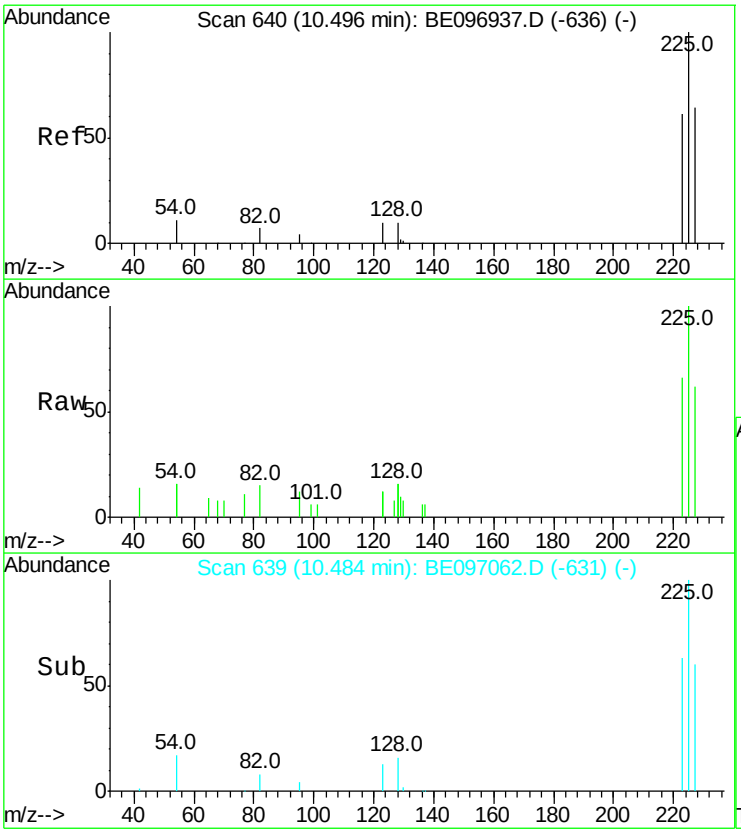
#9
Naphthalene
Concen: 0.397 ng
RT: 10.20 min Scan# 617
Delta R.T. 0.00 min
Lab File: BE097062.D
Acq: 24 Jul 2018 7:37

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:128 Resp: 30548

Ion	Ratio	Lower	Upper
128	100		
129	3.0	2.6	3.8
127	3.3	2.8	4.2

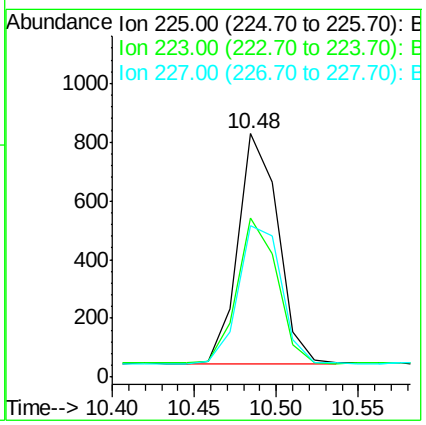


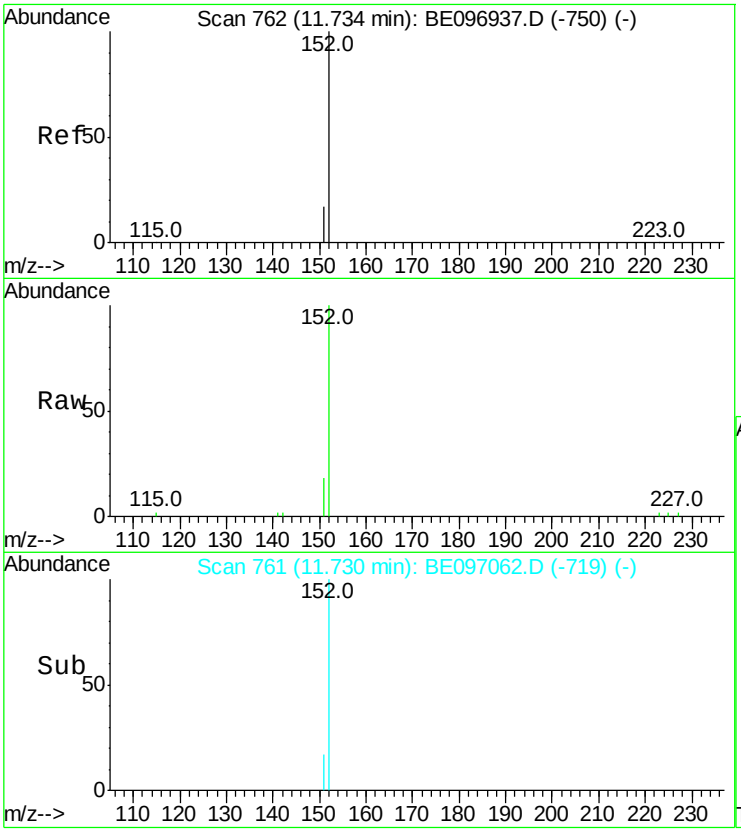


#10
Hexachlorobutadiene
Concen: 0.431 ng
RT: 10.48 min Scan# 639
Delta R.T. 0.00 min
Lab File: BE097062.D
Acq: 24 Jul 2018 7:37

Tgt Ion:225 Resp: 1340

Ion	Ratio	Lower	Upper
225	100		
223	62.8	53.0	79.6
227	64.4	51.4	77.2



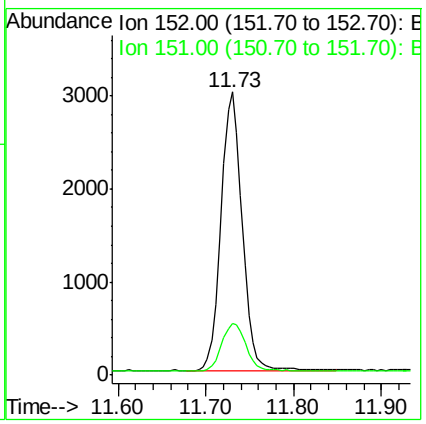


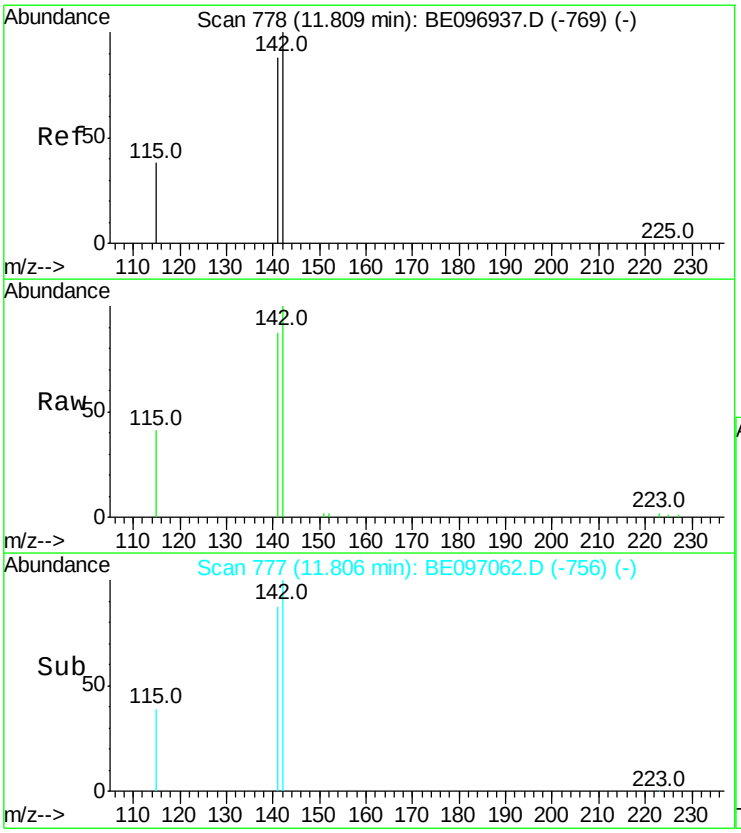
#11
2-Methylnaphthalene-d10
Concen: 0.398 ng
RT: 11.73 min Scan# 761
Delta R.T. 0.00 min
Lab File: BE097062.D
Acq: 24 Jul 2018 7:37

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:152 Resp: 4987

Ion	Ratio	Lower	Upper
152	100		
151	19.2	15.4	23.0

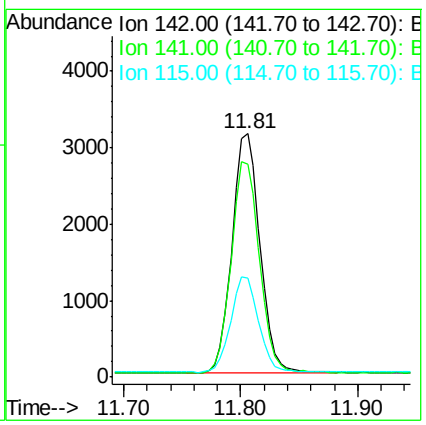


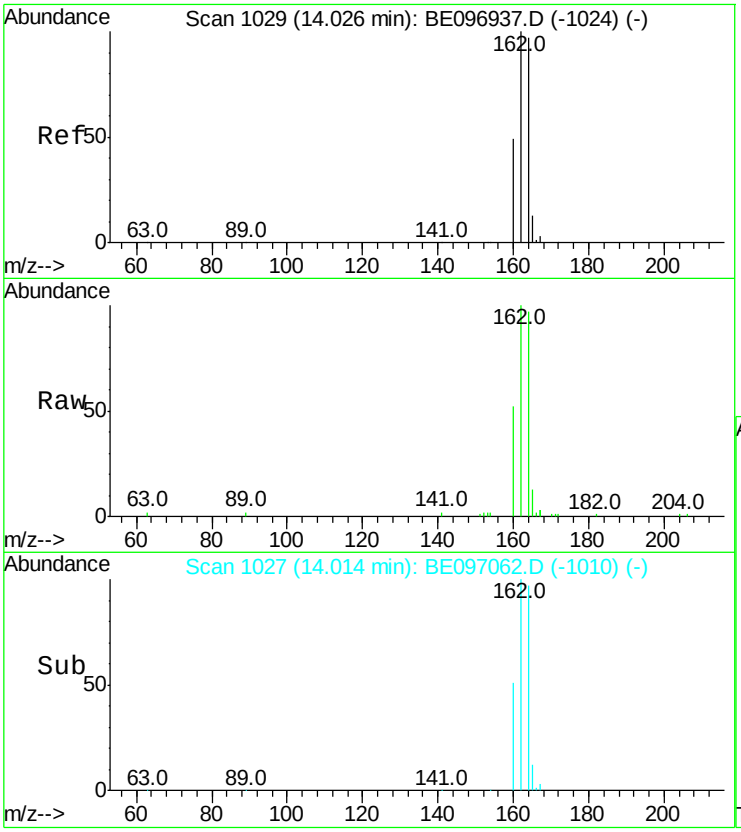


#12
2-Methylnaphthalene
Concen: 0.399 ng
RT: 11.81 min Scan# 777
Delta R.T. 0.00 min
Lab File: BE097062.D
Acq: 24 Jul 2018 7:37

Tgt Ion:142 Resp: 5199

Ion	Ratio	Lower	Upper
142	100		
141	87.3	70.4	105.6
115	40.7	31.7	47.5



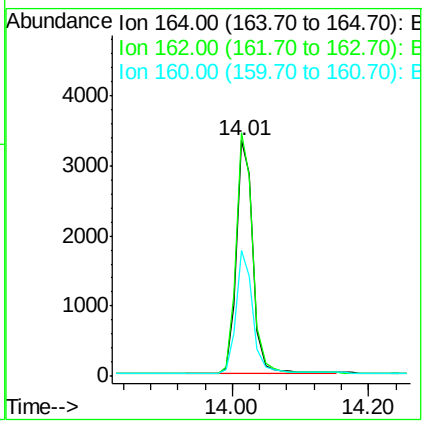


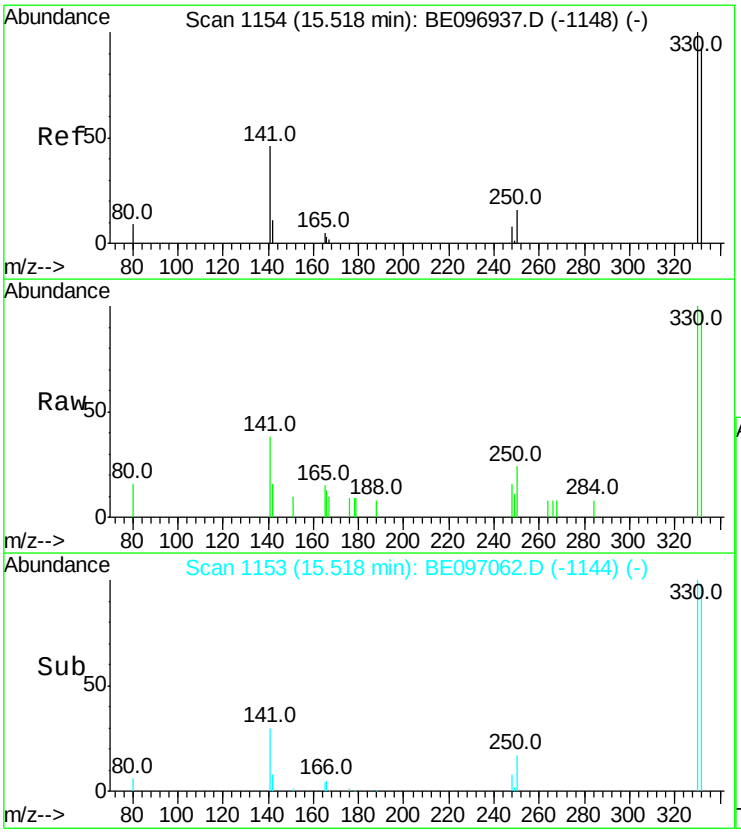
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.01 min Scan# 1027
Delta R.T. -0.00 min
Lab File: BE097062.D
Acq: 24 Jul 2018 7:37

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:164 Resp: 5576

Ion	Ratio	Lower	Upper
164	100		
162	103.3	83.1	124.7
160	53.2	37.1	55.7

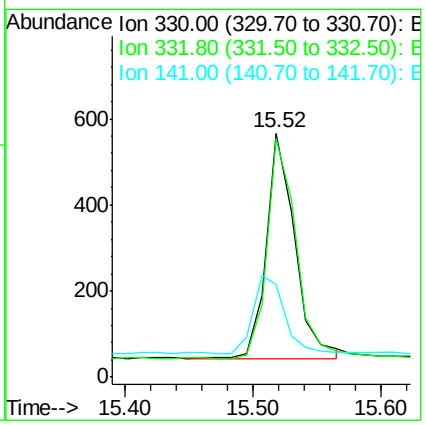


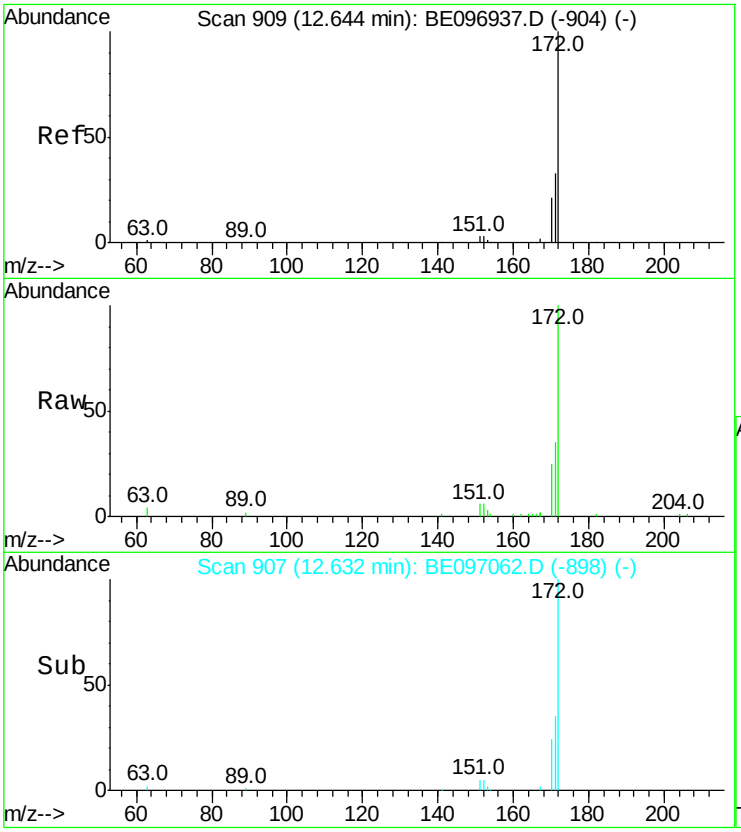


#14
2,4,6-Tribromophenol
Concen: 0.615 ng
RT: 15.52 min Scan# 1153
Delta R.T. 0.00 min
Lab File: BE097062.D
Acq: 24 Jul 2018 7:37

Tgt Ion:330 Resp: 813

Ion	Ratio	Lower	Upper
330	100		
332	98.9	152.7	229.1#
141	38.3	33.7	50.5



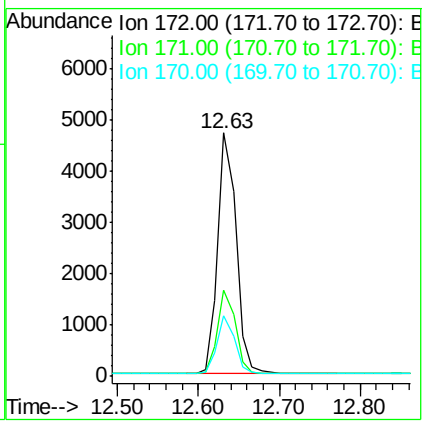


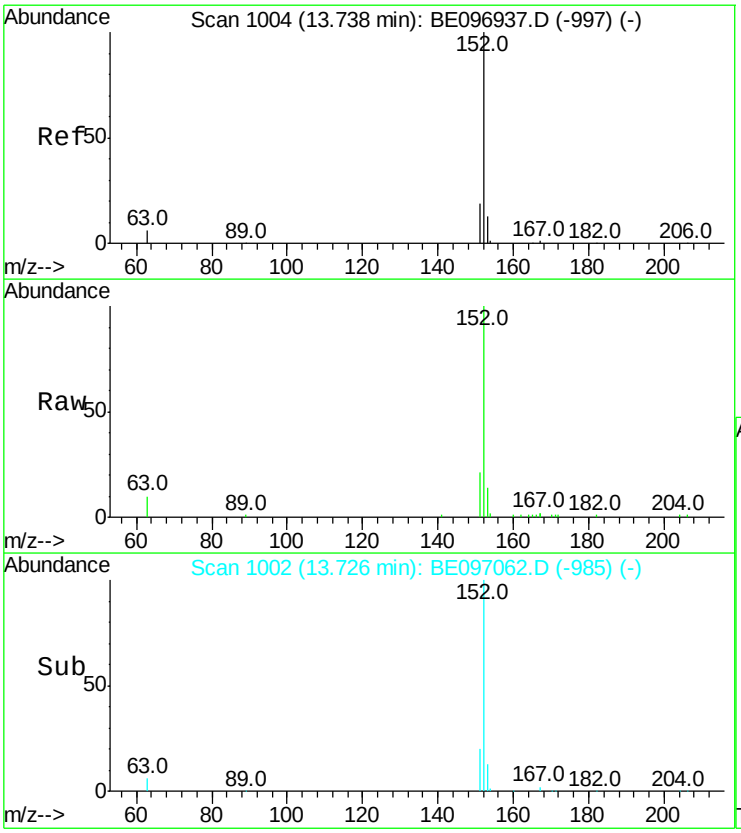
#15
2-Fluorobiphenyl
Concen: 0.360 ng
RT: 12.63 min Scan# 907
Delta R.T. -0.00 min
Lab File: BE097062.D
Acq: 24 Jul 2018 7:37

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:172 Resp: 7475

Ion	Ratio	Lower	Upper
172	100		
171	35.4	29.9	44.9
170	24.9	21.8	32.8

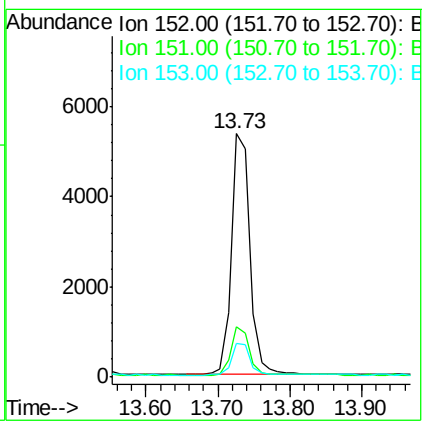


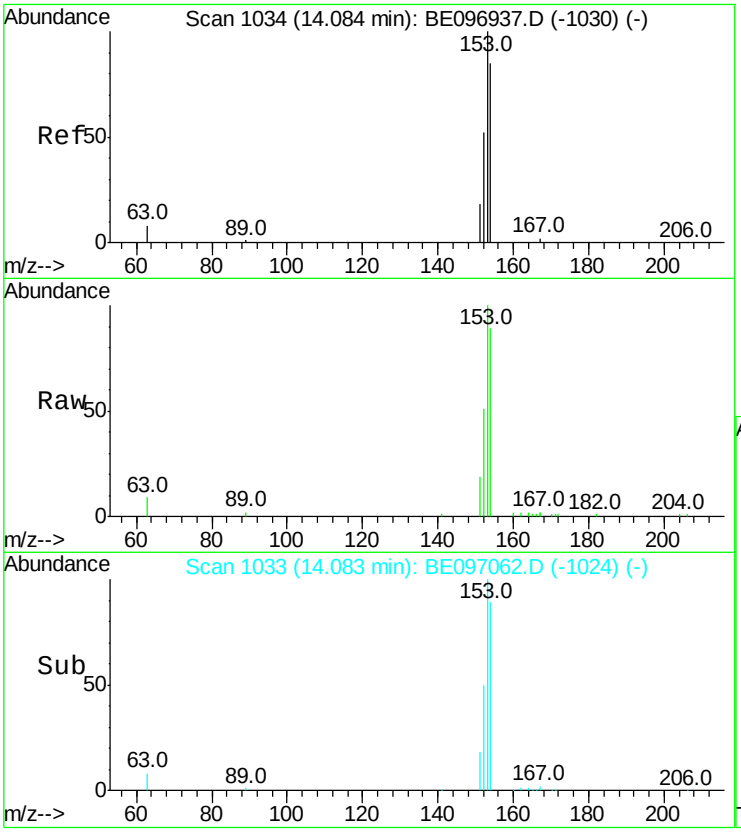


#16
Acenaphthylene
Concen: 0.379 ng
RT: 13.73 min Scan# 1002
Delta R.T. -0.00 min
Lab File: BE097062.D
Acq: 24 Jul 2018 7:37

Tgt Ion:152 Resp: 9647

Ion	Ratio	Lower	Upper
152	100		
151	19.5	15.7	23.5
153	13.4	10.5	15.7



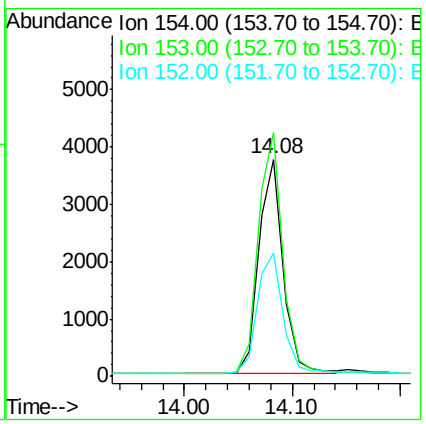


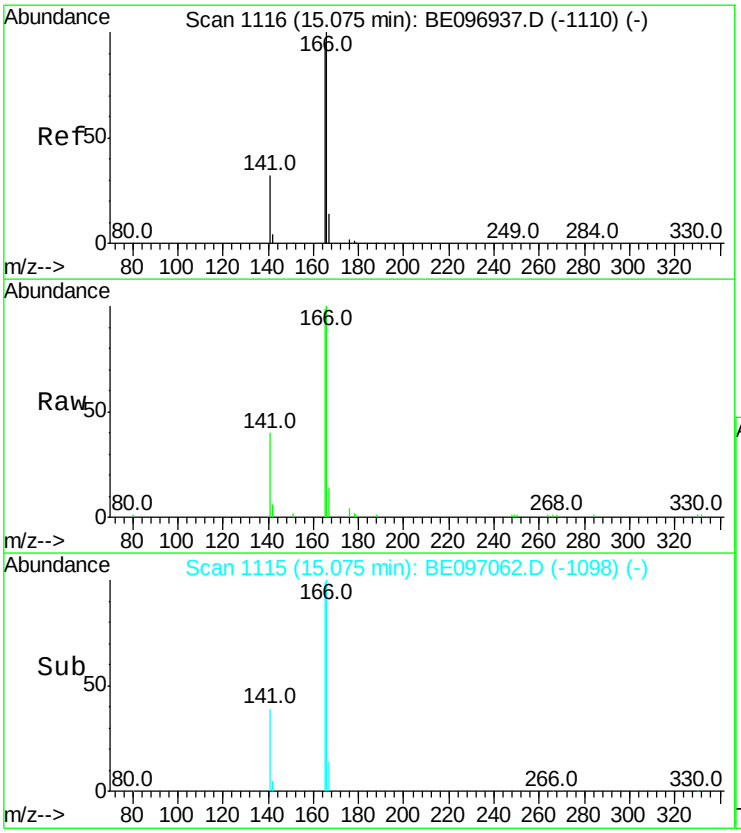
#17
Acenaphthene
Concen: 0.372 ng
RT: 14.08 min Scan# 1033
Delta R.T. -0.00 min
Lab File: BE097062.D
Acq: 24 Jul 2018 7:37

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:154 Resp: 5888

Ion	Ratio	Lower	Upper
154	100		
153	113.2	89.2	133.8
152	59.5	42.0	63.0

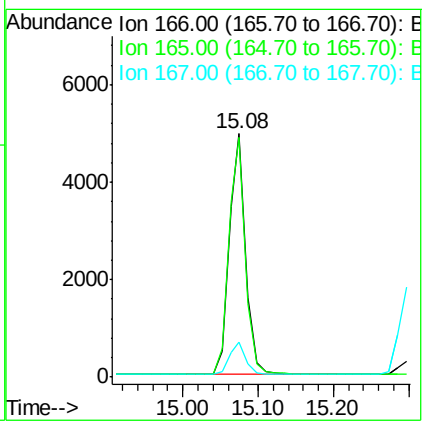


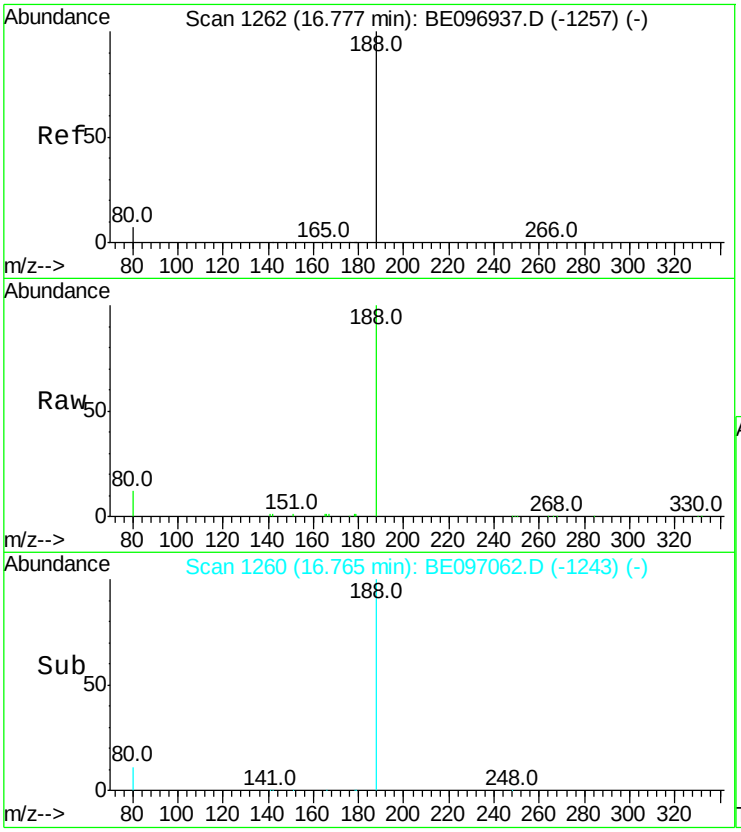


#18
Fluorene
Concen: 0.429 ng
RT: 15.08 min Scan# 1115
Delta R.T. 0.00 min
Lab File: BE097062.D
Acq: 24 Jul 2018 7:37

Tgt Ion:166 Resp: 7633

Ion	Ratio	Lower	Upper
166	100		
165	99.4	77.8	116.6
167	13.5	42.4	63.6#



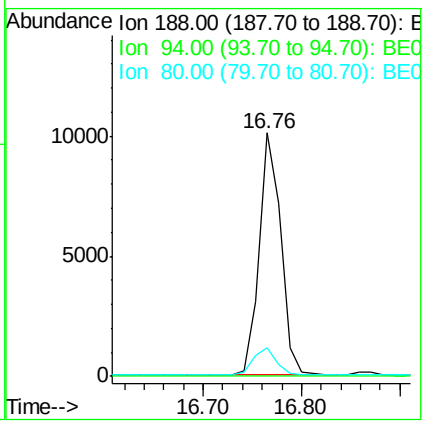


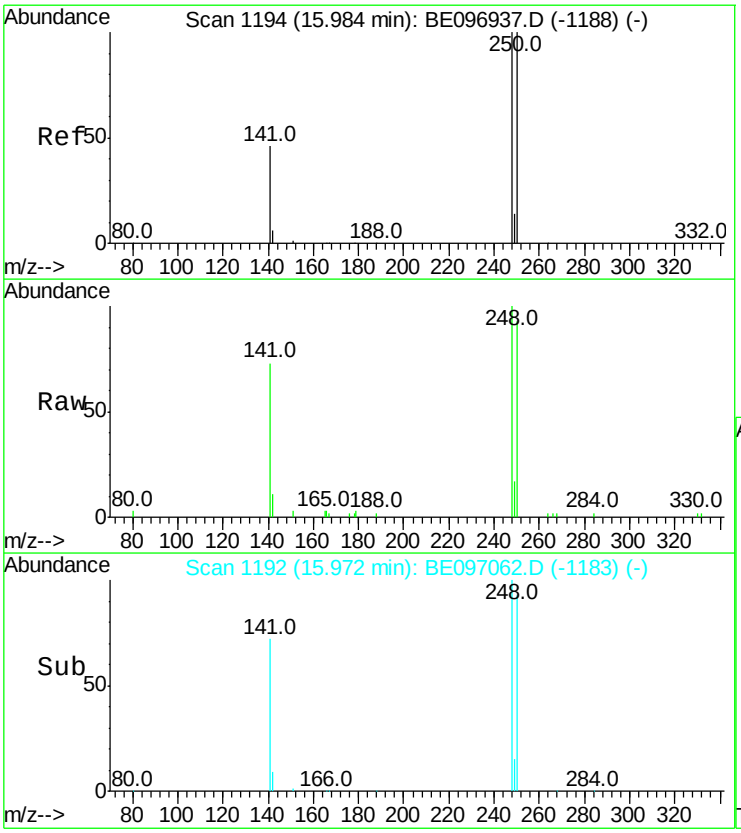
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.76 min Scan# 1260
Delta R.T. 0.00 min
Lab File: BE097062.D
Acq: 24 Jul 2018 7:37

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:188 Resp: 15334

Ion	Ratio	Lower	Upper
188	100		
94	0.0	3.9	5.9#
80	11.9	3.6	5.4#

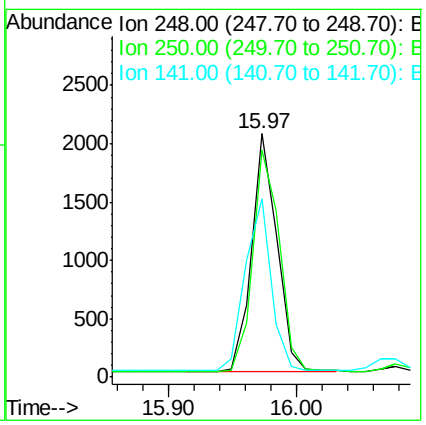


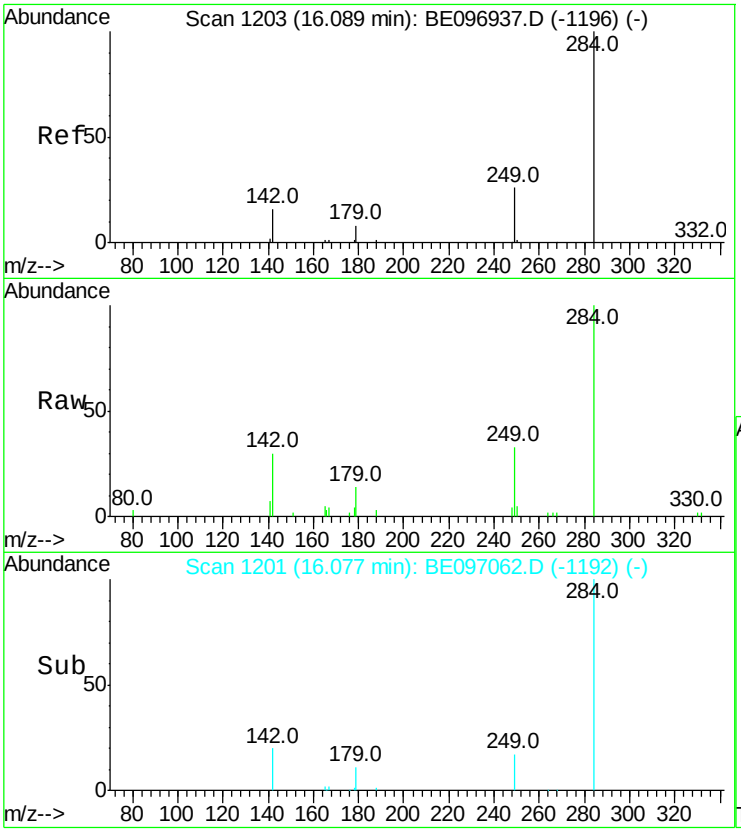


#20
4-Bromophenyl-phenylether
Concen: 0.390 ng
RT: 15.97 min Scan# 1192
Delta R.T. 0.00 min
Lab File: BE097062.D
Acq: 24 Jul 2018 7:37

Tgt Ion:248 Resp: 2831

Ion	Ratio	Lower	Upper
248	100		
250	93.2	62.7	94.1
141	73.1	48.2	72.2#



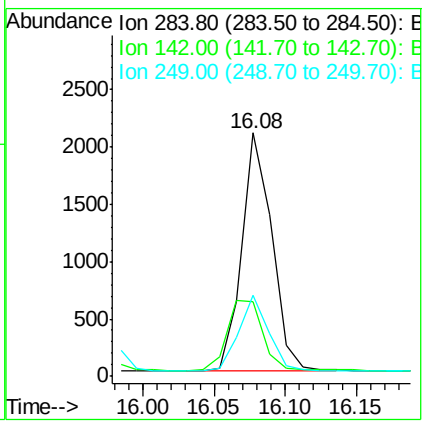


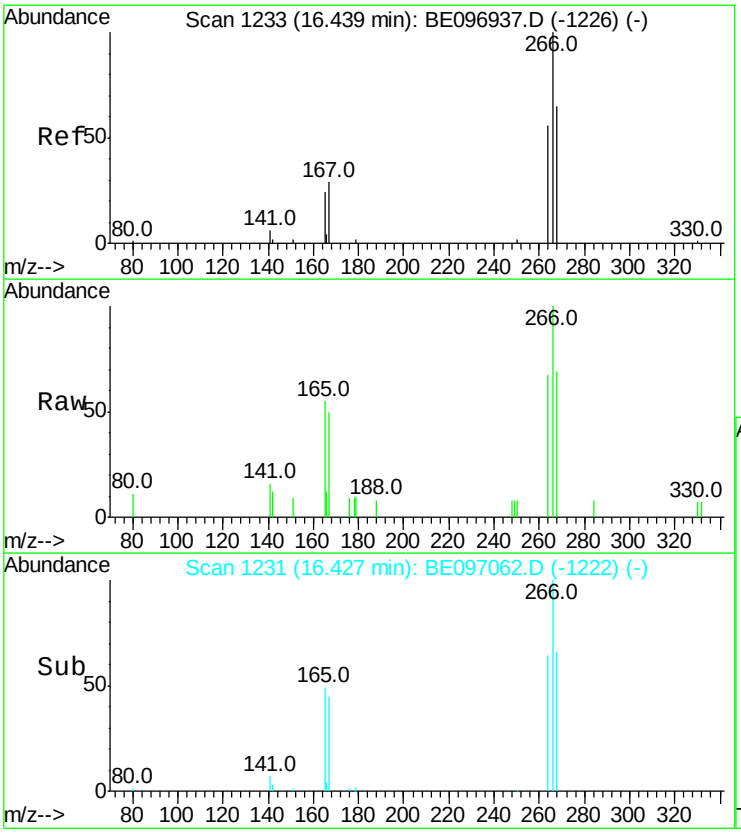
#21
Hexachlorobenzene
Concen: 0.380 ng
RT: 16.08 min Scan# 1201
Delta R.T. 0.00 min
Lab File: BE097062.D
Acq: 24 Jul 2018 7:37

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:284 Resp: 3058

Ion	Ratio	Lower	Upper
284	100		
142	34.6	22.1	33.1#
249	31.0	34.8	52.2#

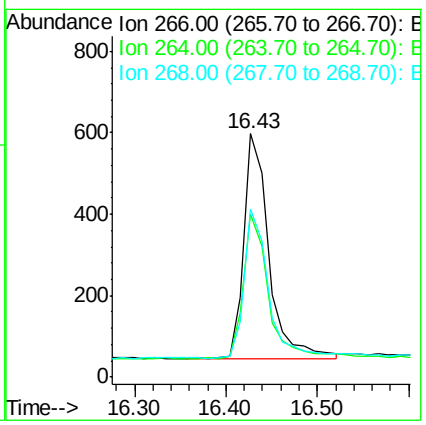


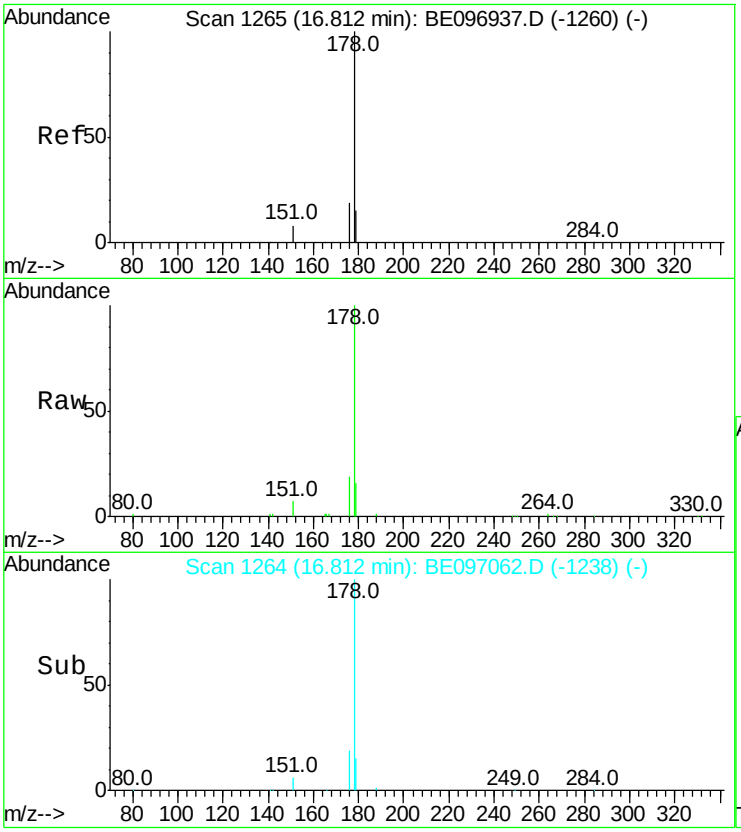


#22
Pentachlorophenol
Concen: 0.772 ng
RT: 16.43 min Scan# 1231
Delta R.T. 0.00 min
Lab File: BE097062.D
Acq: 24 Jul 2018 7:37

Tgt Ion:266 Resp: 1050

Ion	Ratio	Lower	Upper
266	100		
264	66.7	72.5	108.7#
268	69.1	73.8	110.6#



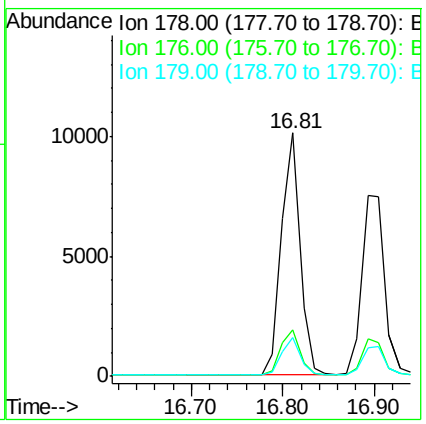


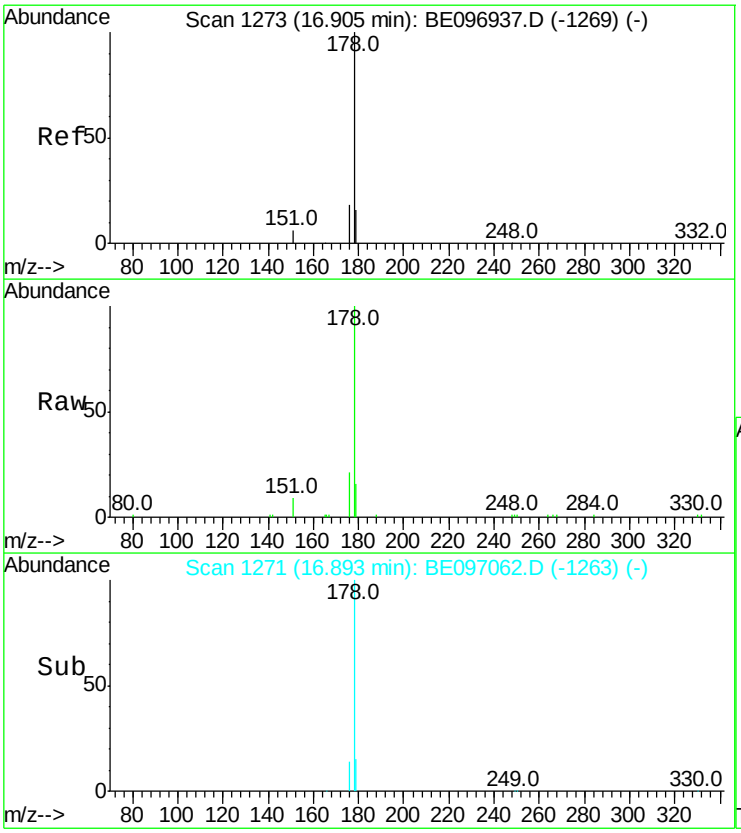
#23
Phenanthrene
Concen: 0.394 ng
RT: 16.81 min Scan# 1264
Delta R.T. 0.00 min
Lab File: BE097062.D
Acq: 24 Jul 2018 7:37

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:178 Resp: 14458

Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.1	22.7
179	15.5	11.8	17.6

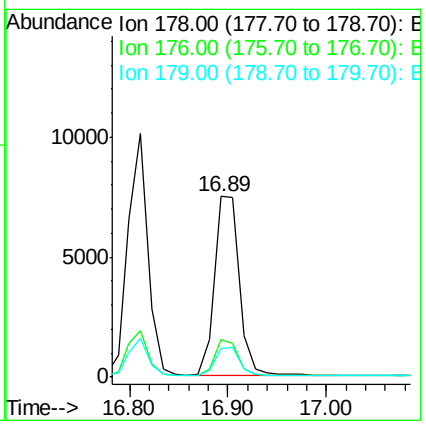


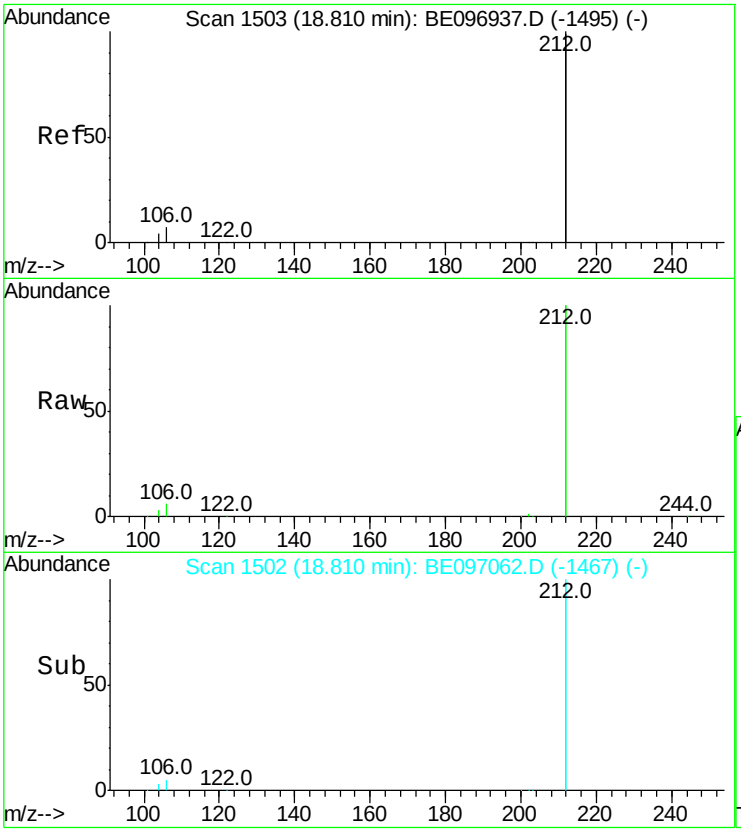


#24
Anthracene
Concen: 0.404 ng
RT: 16.89 min Scan# 1271
Delta R.T. -0.01 min
Lab File: BE097062.D
Acq: 24 Jul 2018 7:37

Tgt Ion:178 Resp: 12912

Ion	Ratio	Lower	Upper
178	100		
176	18.9	12.8	19.2
179	15.5	13.0	19.6



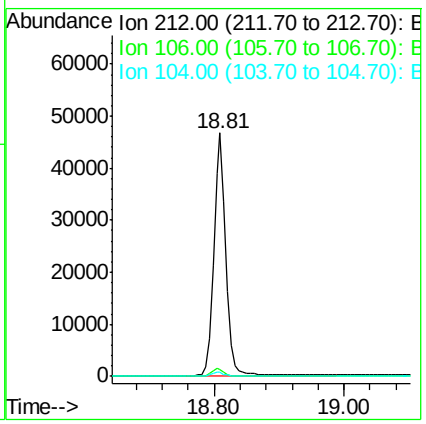


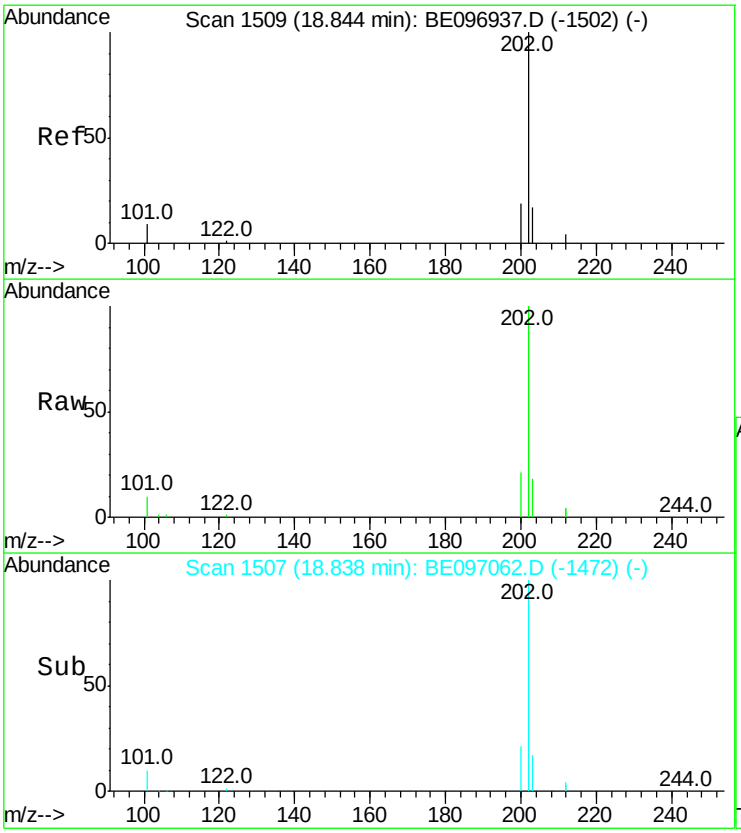
#25
Fluoranthene-d10
Concen: 0.458 ng
RT: 18.81 min Scan# 1502
Delta R.T. 0.00 min
Lab File: BE097062.D
Acq: 24 Jul 2018 7:37

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:212 Resp: 61136

Ion	Ratio	Lower	Upper
212	100		
106	3.1	2.8	4.2
104	1.7	1.6	2.4

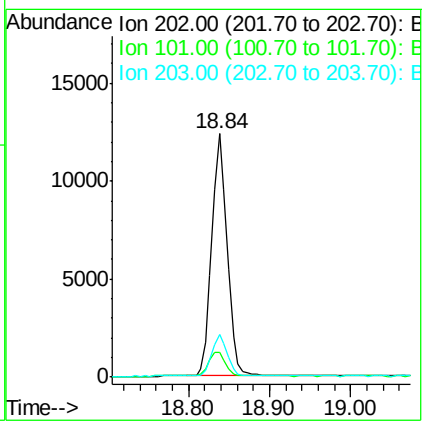


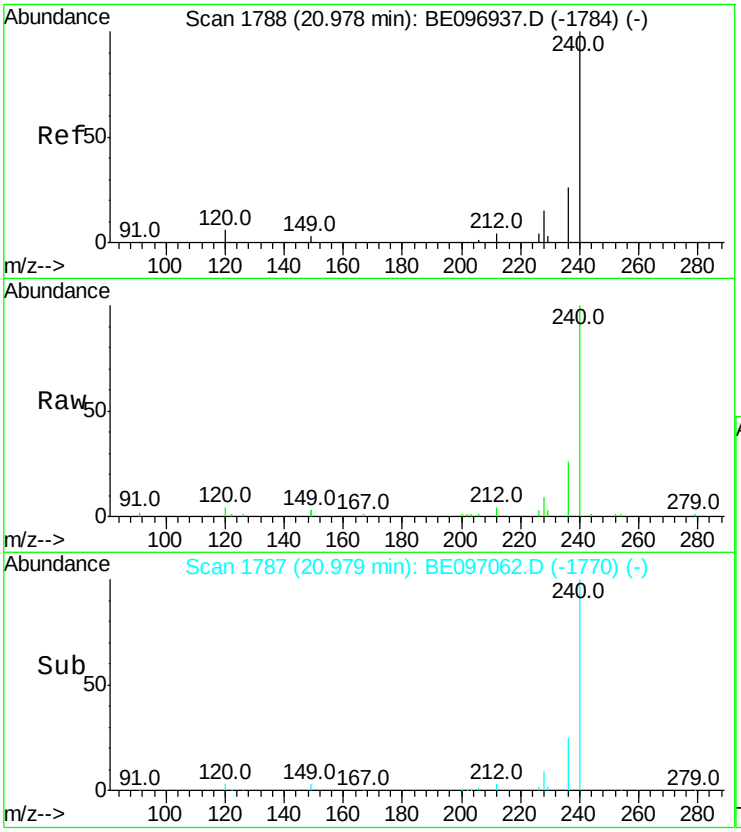


#26
Fluoranthene
Concen: 0.423 ng
RT: 18.84 min Scan# 1507
Delta R.T. 0.00 min
Lab File: BE097062.D
Acq: 24 Jul 2018 7:37

Tgt Ion:202 Resp: 16397

Ion	Ratio	Lower	Upper
202	100		
101	10.8	9.8	14.8
203	17.1	13.7	20.5



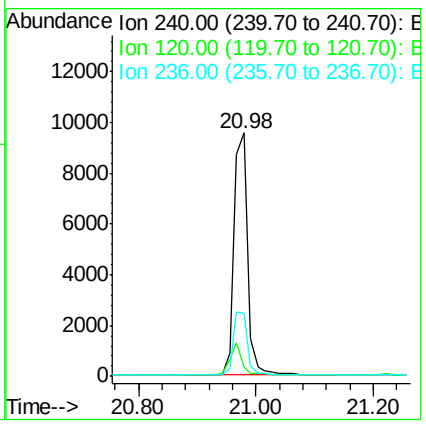


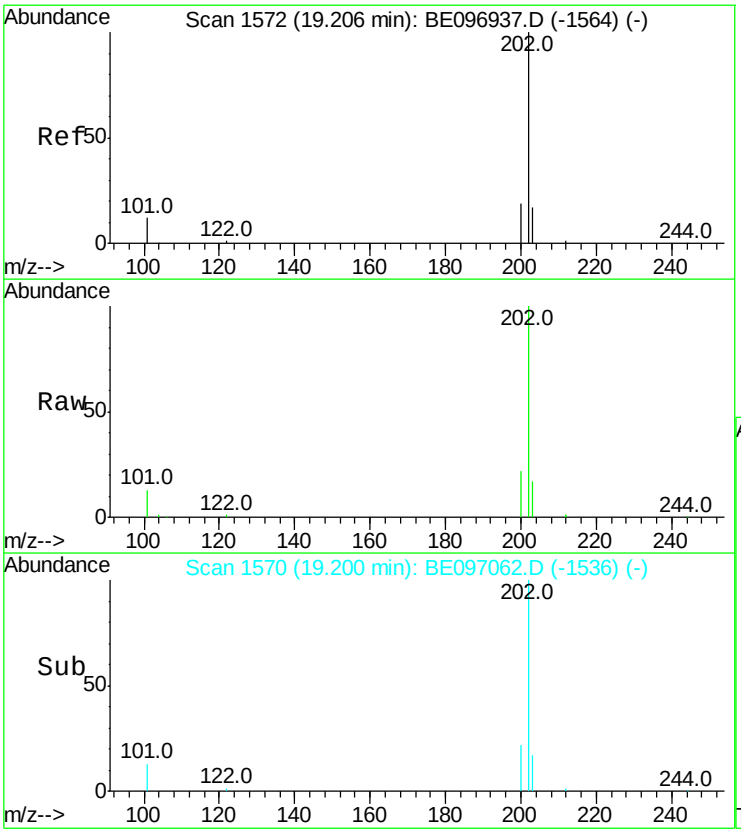
#27
Chrysene-d12
Concen: 0.400 ng
RT: 20.98 min Scan# 1787
Delta R.T. 0.00 min
Lab File: BE097062.D
Acq: 24 Jul 2018 7:37

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:240 Resp: 15594

Ion	Ratio	Lower	Upper
240	100		
120	3.9	5.5	8.3#
236	25.9	20.7	31.1

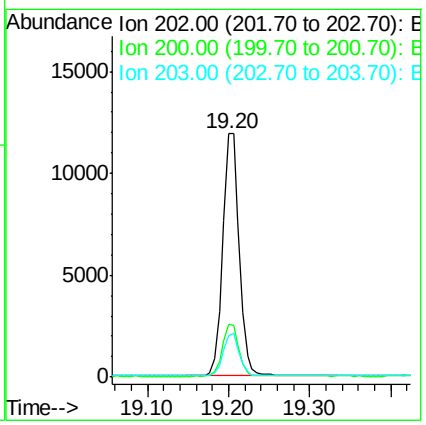


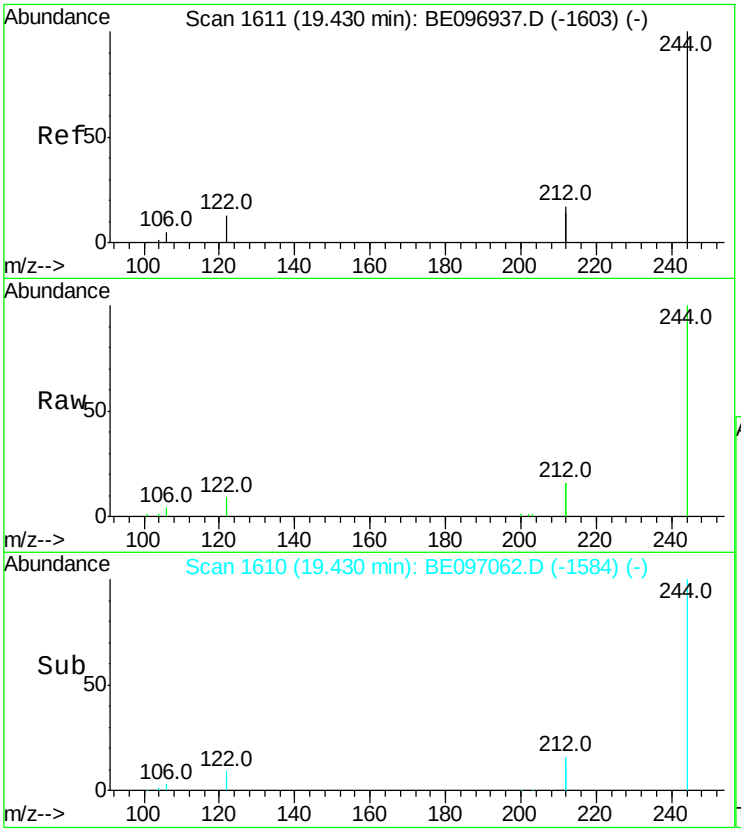


#28
Pyrene
Concen: 0.363 ng
RT: 19.20 min Scan# 1570
Delta R.T. -0.01 min
Lab File: BE097062.D
Acq: 24 Jul 2018 7:37

Tgt Ion:202 Resp: 16732

Ion	Ratio	Lower	Upper
202	100		
200	21.3	16.6	25.0
203	17.5	13.8	20.8



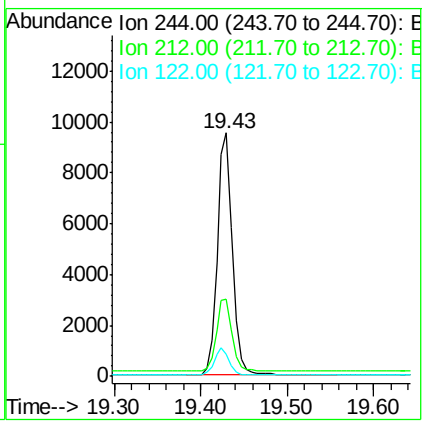


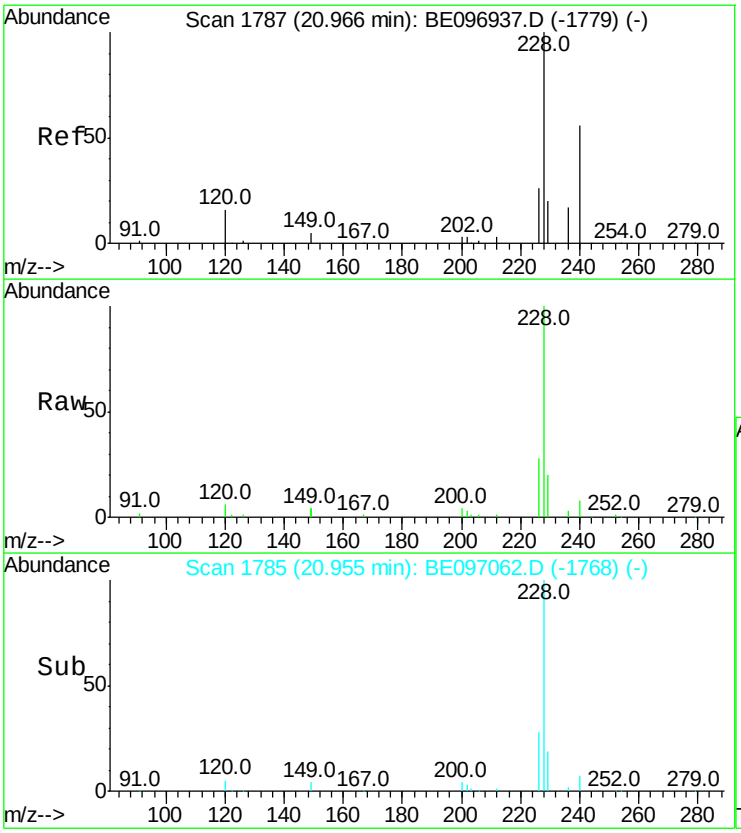
#29
Terphenyl-d14
Concen: 0.387 ng
RT: 19.43 min Scan# 1610
Delta R.T. 0.00 min
Lab File: BE097062.D
Acq: 24 Jul 2018 7:37

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:244 Resp: 11644

Ion	Ratio	Lower	Upper
244	100		
212	31.7	25.4	38.0
122	9.3	8.1	12.1

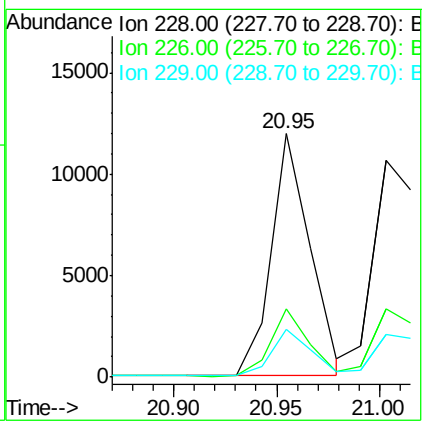


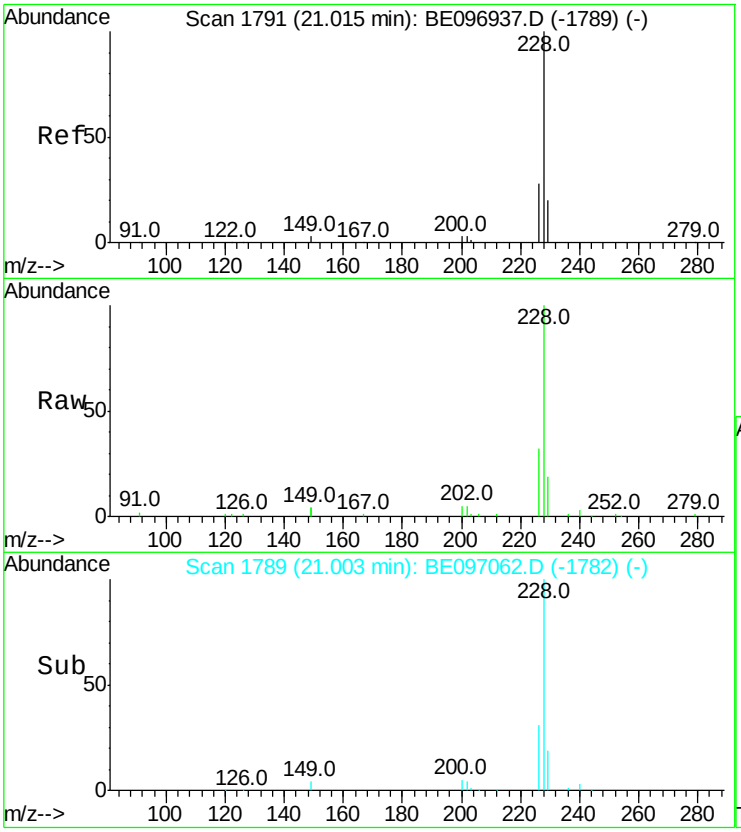


#30
Benzo(a)anthracene
Concen: 0.425 ng
RT: 20.95 min Scan# 1785
Delta R.T. 0.00 min
Lab File: BE097062.D
Acq: 24 Jul 2018 7:37

Tgt Ion:228 Resp: 15789

Ion	Ratio	Lower	Upper
228	100		
226	28.0	24.0	36.0
229	19.7	16.0	24.0



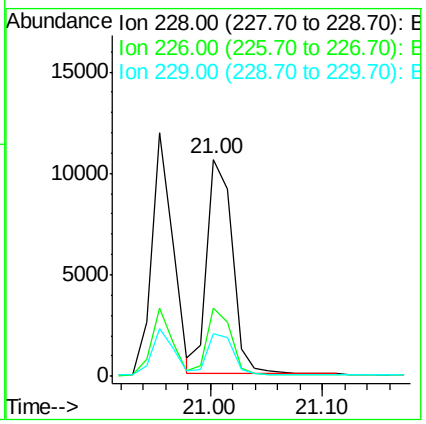


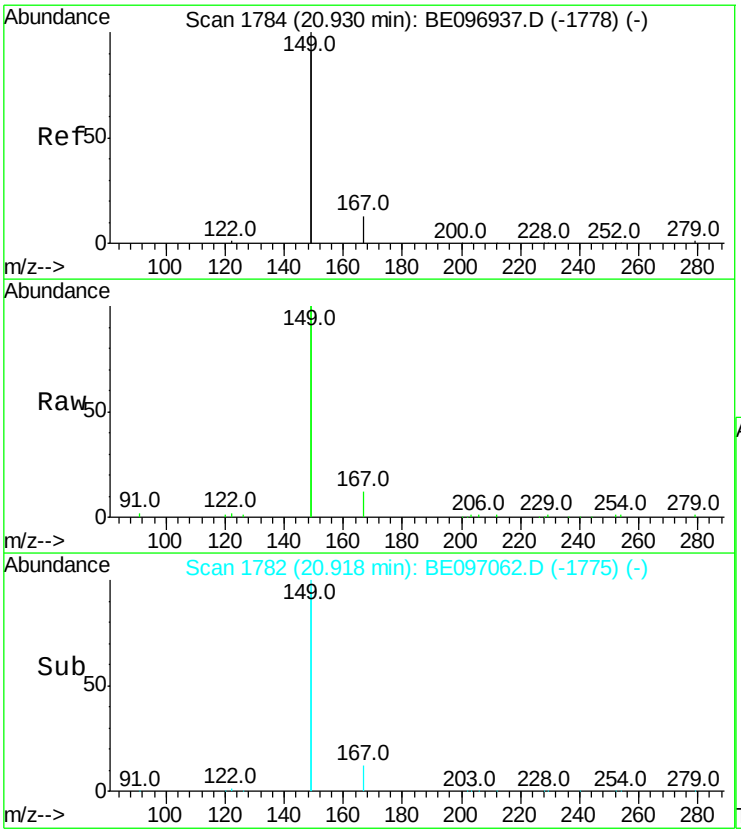
#31
Chrysene
Concen: 0.399 ng
RT: 21.00 min Scan# 1789
Delta R.T. -0.01 min
Lab File: BE097062.D
Acq: 24 Jul 2018 7:37

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:228 Resp: 16618

Ion	Ratio	Lower	Upper
228	100		
226	31.5	24.0	36.0
229	19.4	16.0	24.0

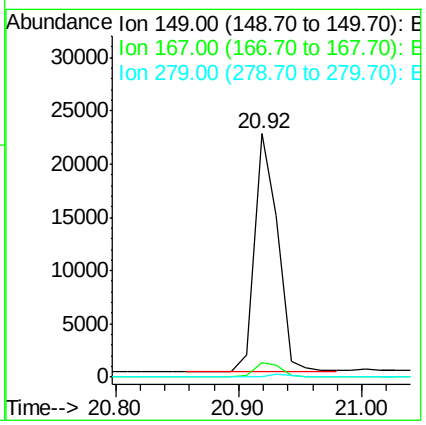


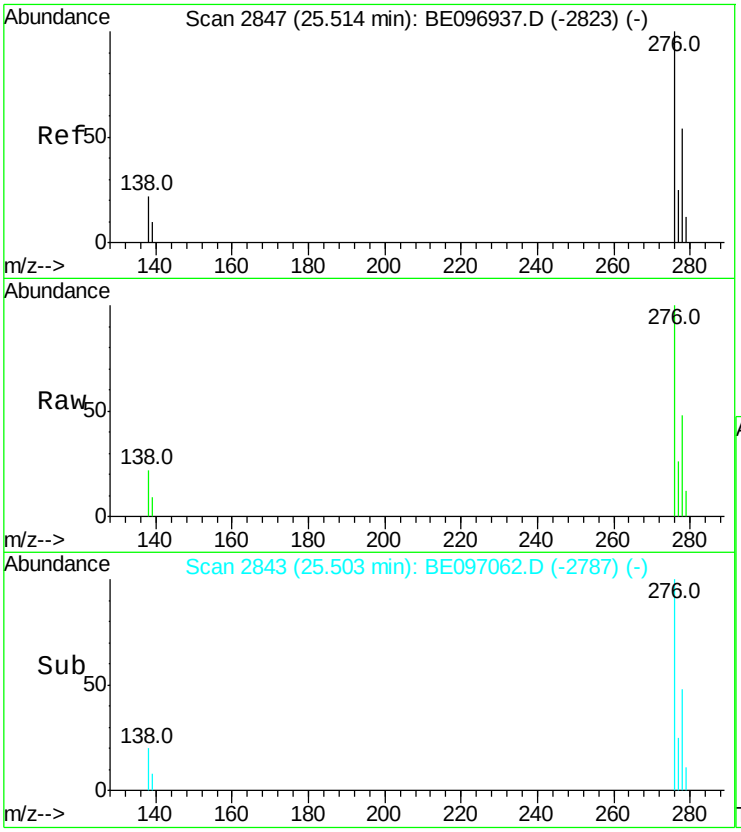


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.786 ng
RT: 20.92 min Scan# 1782
Delta R.T. -0.01 min
Lab File: BE097062.D
Acq: 24 Jul 2018 7:37

Tgt Ion:149 Resp: 29151

Ion	Ratio	Lower	Upper
149	100		
167	6.5	5.4	8.0
279	0.9	0.7	1.1



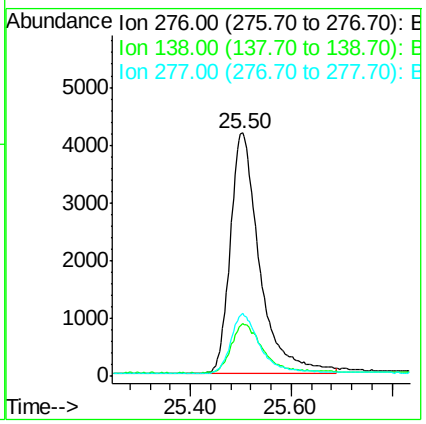


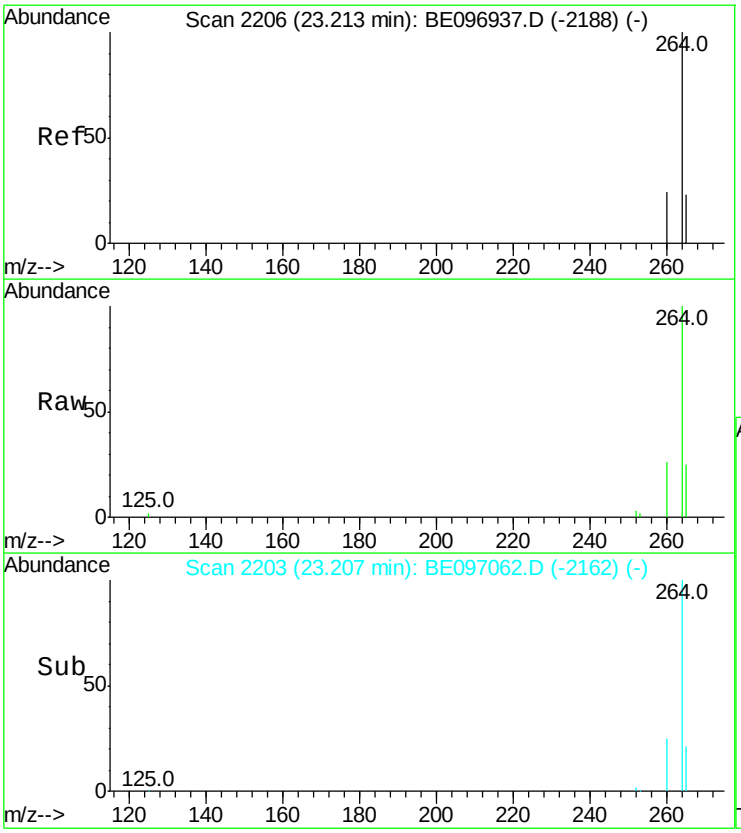
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.558 ng
RT: 25.50 min Scan# 2843
Delta R.T. 0.00 min
Lab File: BE097062.D
Acq: 24 Jul 2018 7:37

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:276 Resp: 16916

Ion	Ratio	Lower	Upper
276	100		
138	21.5	22.5	33.7#
277	24.6	19.9	29.9

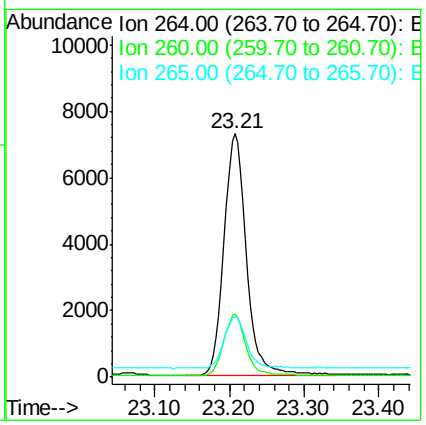


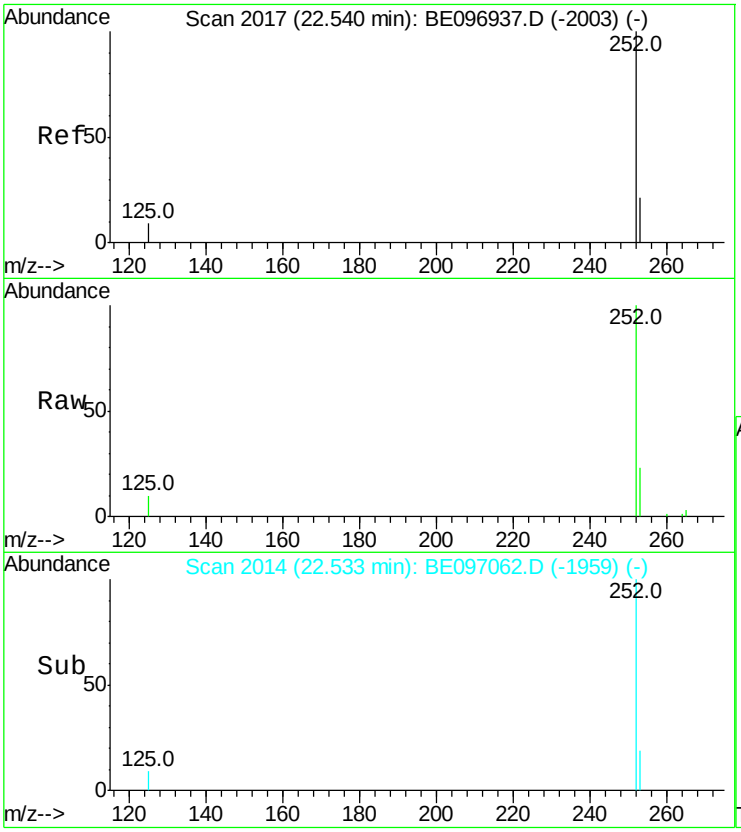


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.21 min Scan# 2203
Delta R.T. -0.00 min
Lab File: BE097062.D
Acq: 24 Jul 2018 7:37

Tgt Ion:264 Resp: 15161

Ion	Ratio	Lower	Upper
264	100		
260	25.8	20.5	30.7
265	24.9	22.8	34.2



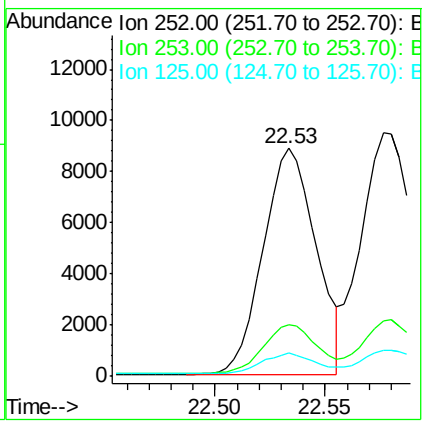


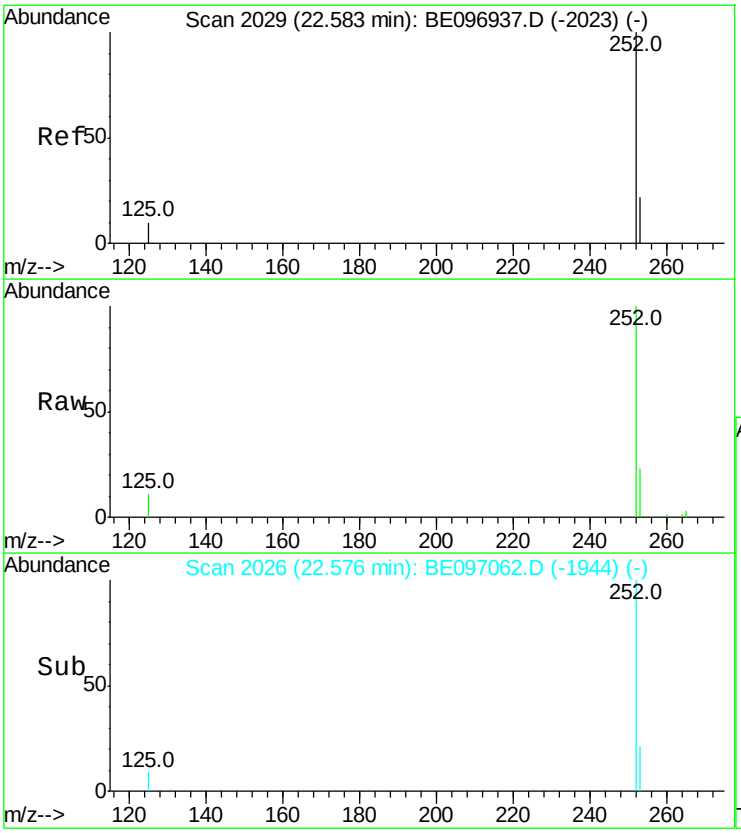
#35
Benzo(b)fluoranthene
Concen: 0.381 ng
RT: 22.53 min Scan# 2014
Delta R.T. -0.00 min
Lab File: BE097062.D
Acq: 24 Jul 2018 7:37

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:252 Resp: 14726

Ion	Ratio	Lower	Upper
252	100		
253	22.5	20.0	30.0
125	10.0	16.0	24.0#

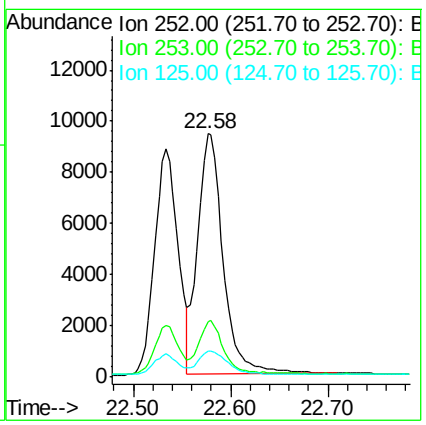


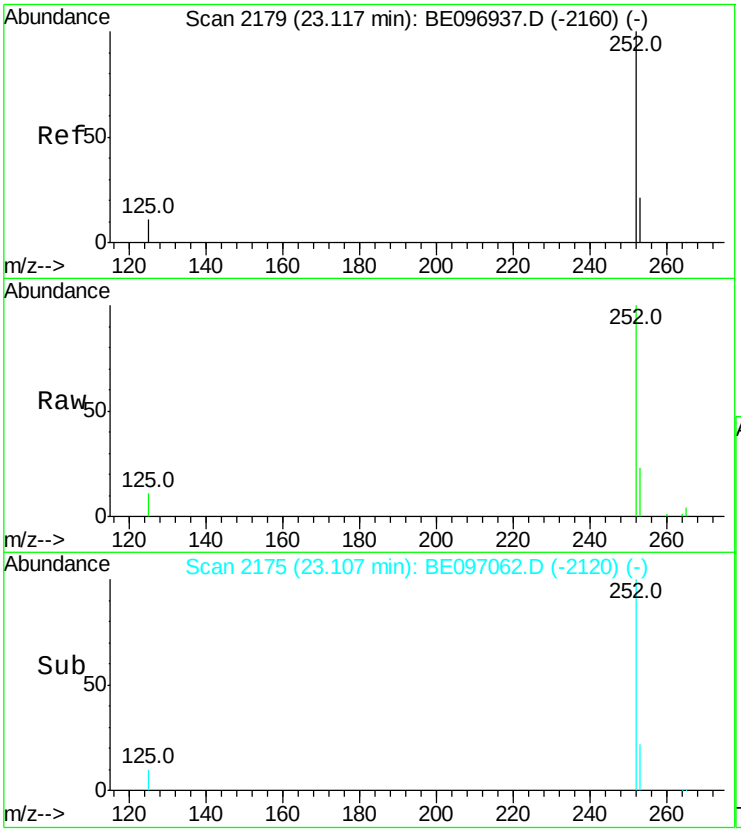


#36
Benzo(k)fluoranthene
Concen: 0.370 ng
RT: 22.58 min Scan# 2026
Delta R.T. -0.01 min
Lab File: BE097062.D
Acq: 24 Jul 2018 7:37

Tgt Ion:252 Resp: 17021

Ion	Ratio	Lower	Upper
252	100		
253	22.6	16.0	24.0
125	10.5	8.0	12.0



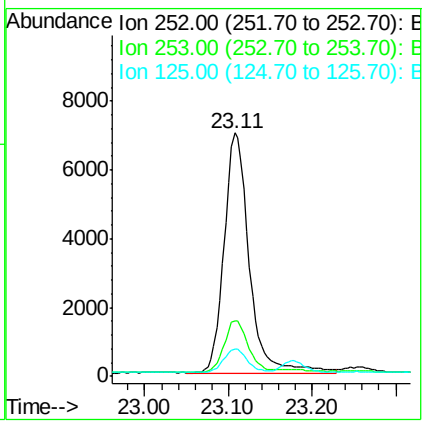


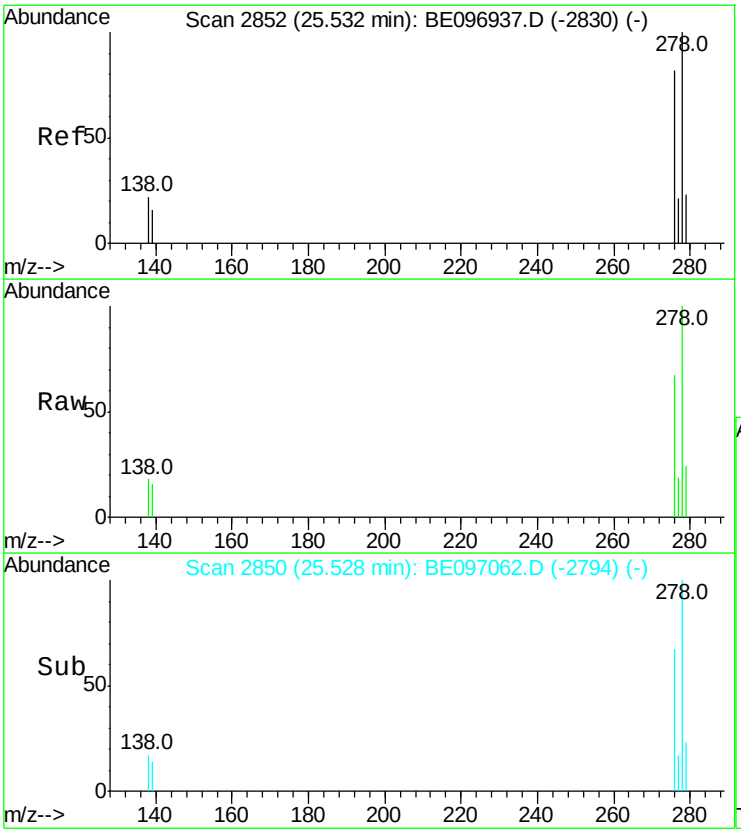
#37
Benzo(a)pyrene
Concen: 0.432 ng
RT: 23.11 min Scan# 2175
Delta R.T. -0.00 min
Lab File: BE097062.D
Acq: 24 Jul 2018 7:37

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:252 Resp: 14573

Ion	Ratio	Lower	Upper
252	100		
253	22.9	16.0	24.0
125	11.0	12.0	18.0#

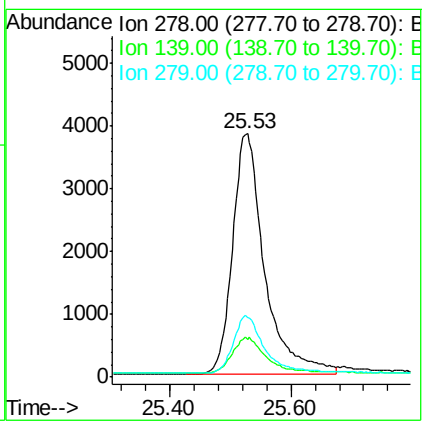


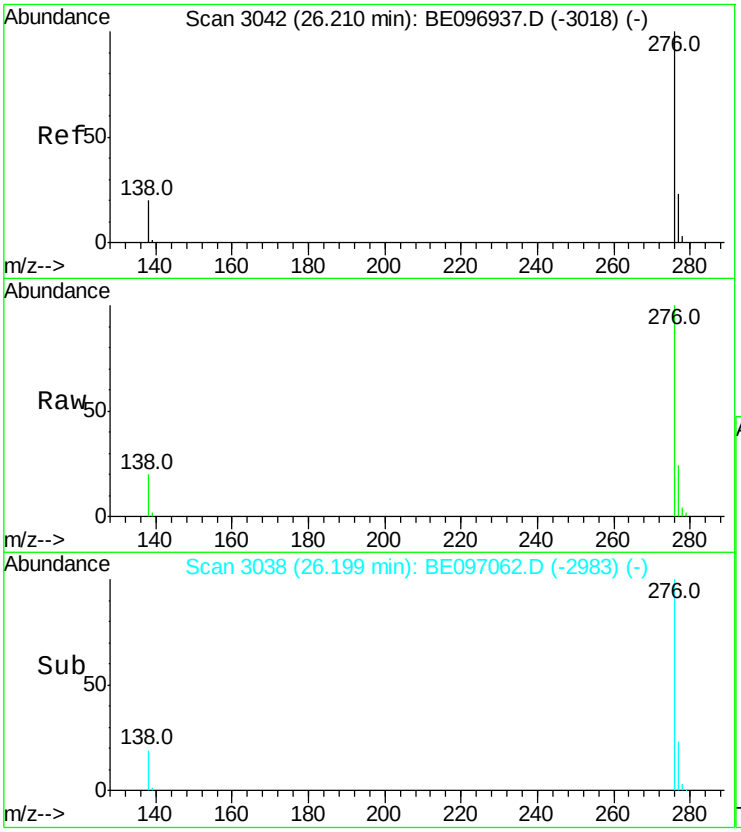


#38
Dibenzo(a,h)anthracene
Concen: 0.488 ng
RT: 25.53 min Scan# 2850
Delta R.T. 0.00 min
Lab File: BE097062.D
Acq: 24 Jul 2018 7:37

Tgt Ion:278 Resp: 14024

Ion	Ratio	Lower	Upper
278	100		
139	15.6	16.0	24.0#
279	24.4	20.0	30.0





#39
Benzo(g,h,i)perylene
Concen: 0.462 ng
RT: 26.20 min Scan# 3038
Delta R.T. -0.00 min
Lab File: BE097062.D
Acq: 24 Jul 2018 7:37

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:276 Resp: 14540

Ion	Ratio	Lower	Upper
276	100		
277	24.3	16.0	24.0#
138	20.0	20.0	30.0#