Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE092518\

Quantitation Report (Not Reviewed)

Data File : BE097679.D
Acq On : 26 Sep 2018 4:23
Operator : SJ/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : SSTDCCC0.4EC

Quant Time: Sep 26 07:39:02 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE092418.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Sep 24 18:40:34 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.37	152	846	0.40	ng		-0.01
7) Naphthalene-d8	10.12	136	4490	0.40	ng		-0.01
13) Acenaphthene-d10	13.99	164	3058	0.40	ng		-0.01
19) Phenanthrene-d10	16.75	188	9054	0.40	ng		0.00
27) Chrysene-d12	20.97	240	9778	0.40	ng		0.00
34) Perylene-d12	23.21	264	9773	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.04	112	995	0.45	ng		-0.01
5) Phenol-d6	6.61	99	1317	0.42	ng		-0.01
8) Nitrobenzene-d5	8.53	82	1246	0.45	ng		-0.01
11) 2-Methylnaphthalene-d10	11.72	152	2590	0.39	ng		0.00
14) 2,4,6-Tribromophenol	15.52	330	544	0.44	ng		-0.01
15) 2-Fluorobiphenyl	12.62	172	3980	0.40	ng		-0.01
25) Fluoranthene-d10	18.80	212	38134	0.39	ng		0.00
29) Terphenyl-d14	19.42	244	7521	0.39	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.07	88	574	0.394	ng	#	89
3) n-Nitrosodimethylamine	3.37	42	407	0.425	ng	#	88
6) bis(2-Chloroethyl)ether	6.83	93	1191	0.449	ng		72
9) Naphthalene	10.17	128	15901	0.390	ng		99
10) Hexachlorobutadiene	10.46	225	706	0.380	ng		97
12) 2-Methylnaphthalene	11.79	142	2636	0.408	ng		98
16) Acenaphthylene	13.71	152	4875	0.396	ng		100
17) Acenaphthene	14.06	154	3233	0.403	ng		96
18) Fluorene	15.05	166	4355	0.386	ng	#	79
20) 4-Bromophenyl-phenylether	15.96	248	1627	0.405	ng	#	84
21) Hexachlorobenzene	16.07	284	1763	0.381	ng	#	83
22) Pentachlorophenol	16.44	266	527	0.564	ng	#	75
23) Phenanthrene	16.80	178	8481	0.396	ng		99
24) Anthracene	16.89	178	7155	0.402	ng		95
26) Fluoranthene	18.83	202	9917	0.386	ng		98
28) Pyrene	19.19	202	10259	0.402	ng		99
30) Benzo(a)anthracene	20.95	228	9578	0.415	ng		95
31) Chrysene	21.00	228	10620	0.393	ng		100
32) Bis(2-ethylhexyl)phthalate	20.89	149	14329	0.543	ng		99
33) Indeno(1,2,3-cd)pyrene	25.50	276	12662	0.444	ng	#	93
35) Benzo(b)fluoranthene	22.53	252	9470	0.379	ng	#	89
36) Benzo(k)fluoranthene	22.57	252	11355	0.384	ng		93
37) Benzo(a)pyrene	23.11	252	9482	0.384	ng	#	92
38) Dibenzo(a,h)anthracene	25.51	278	10454	0.403	ng	#	96
39) Benzo(g,h,i)perylene	26.20	276	9990	0.387	ng	#	89

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

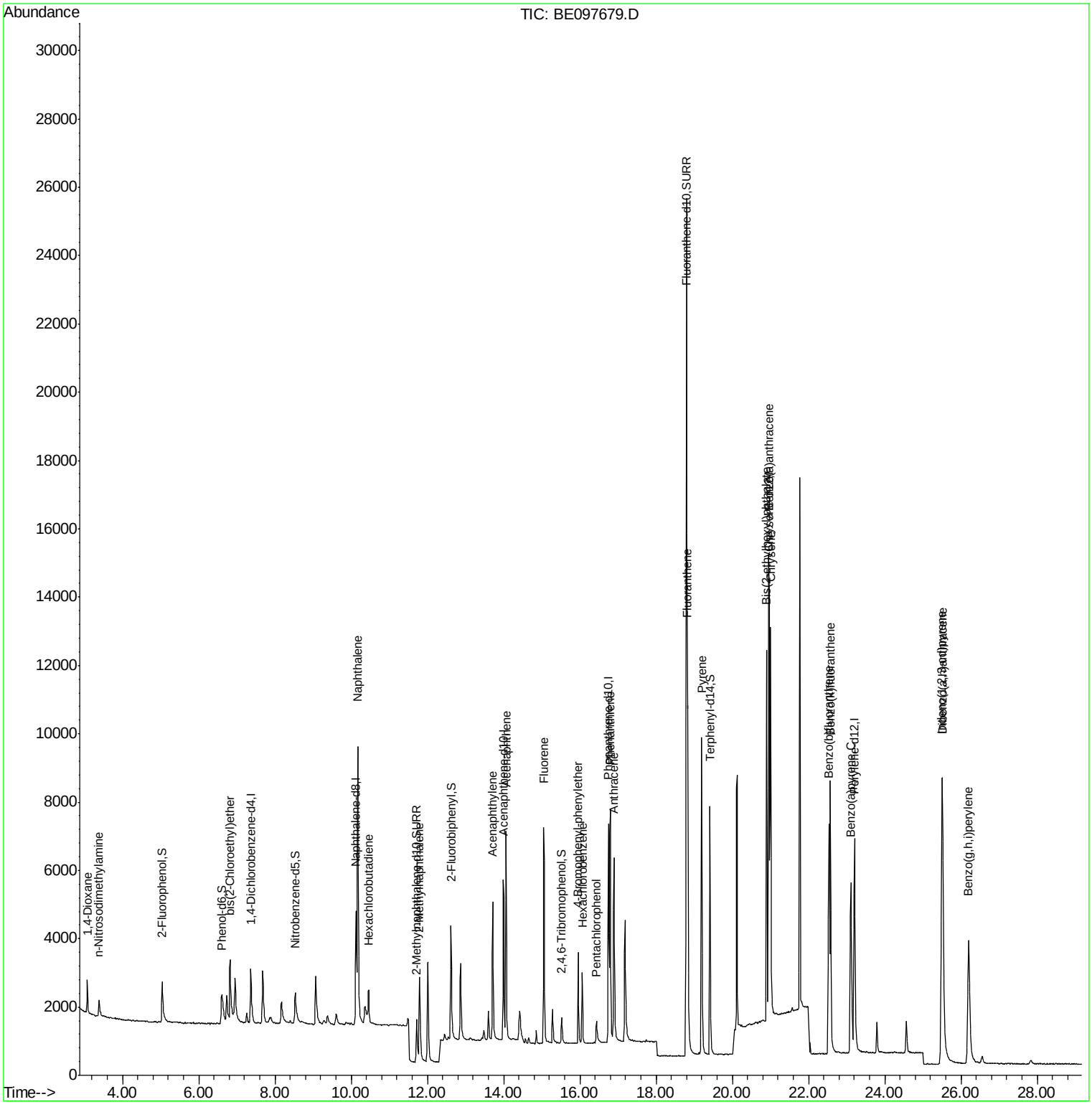
Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE092518\

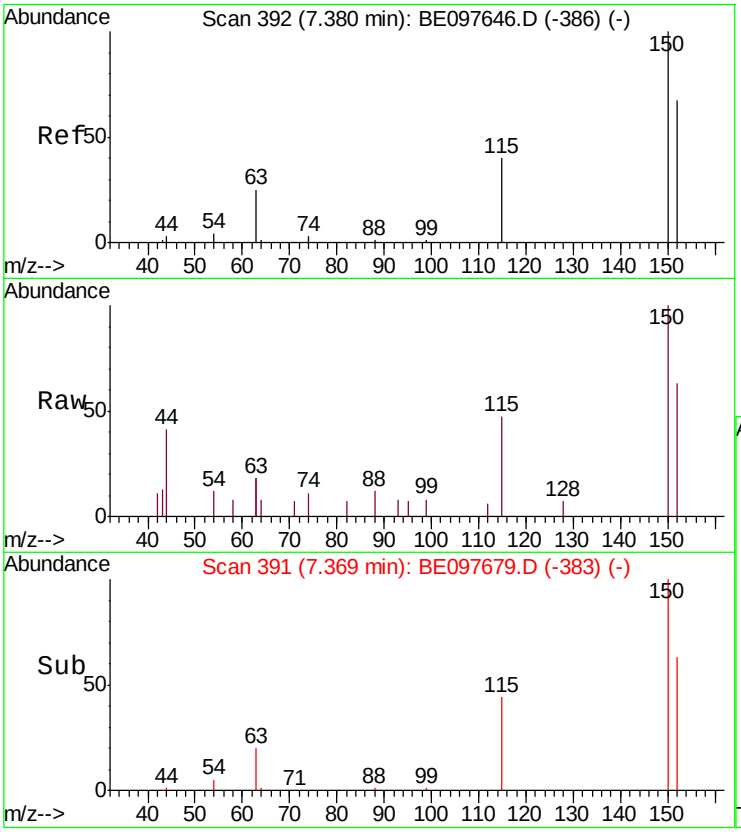
Quantitation Report (Not Reviewed)

Data File : BE097679.D
Acq On : 26 Sep 2018 4:23
Operator : SJ/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Quant Time: Sep 26 06:57:54 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE092418.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Sep 24 18:40:34 2018
Response via : Initial Calibration



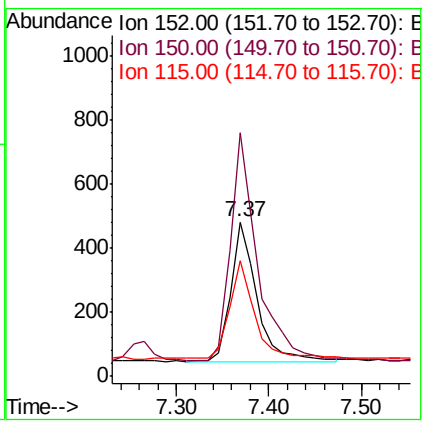


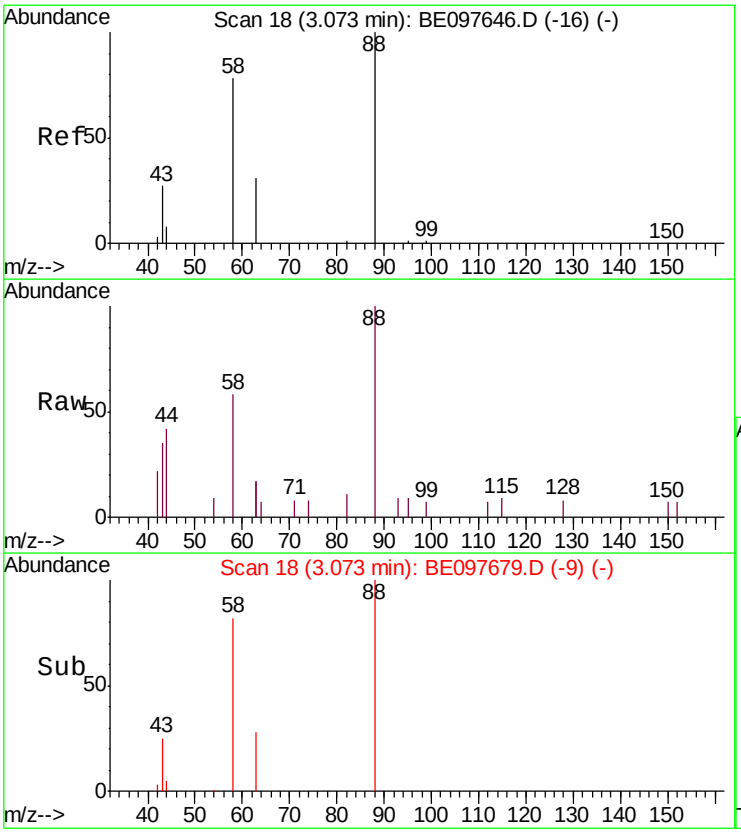
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.37 min Scan# 391
Delta R.T. -0.01 min
Lab File: BE097679.D
Acq: 26 Sep 2018 4:23

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:152 Resp: 846

Ion	Ratio	Lower	Upper
152	100		
150	158.0	117.2	175.8
115	74.8	57.0	85.6

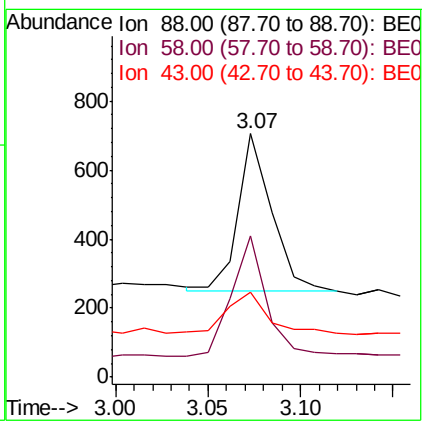


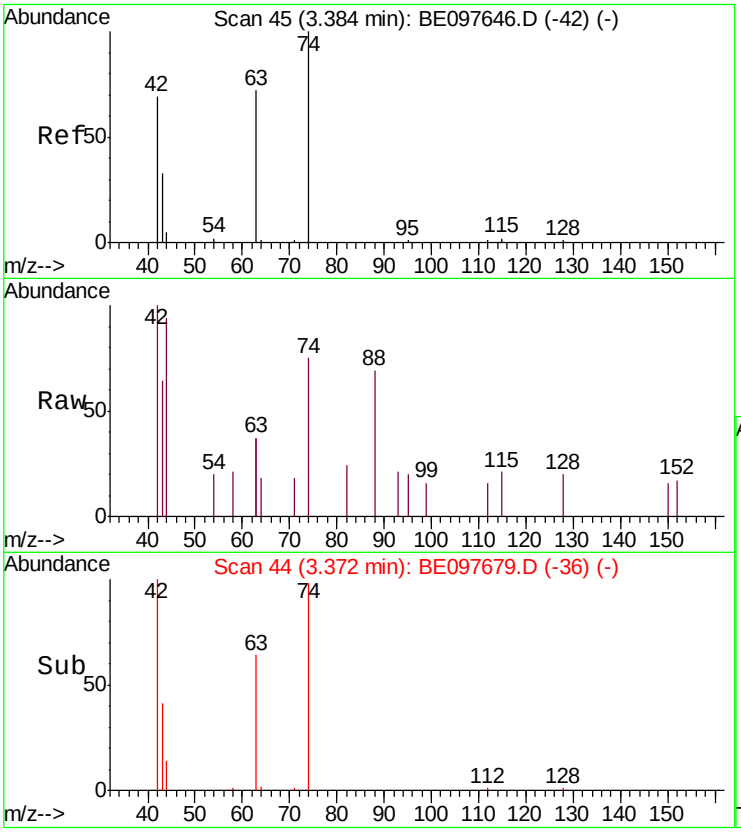


#2
1,4-Dioxane
Concen: 0.394 ng
RT: 3.07 min Scan# 18
Delta R.T. 0.00 min
Lab File: BE097679.D
Acq: 26 Sep 2018 4:23

Tgt Ion: 88 Resp: 574

Ion	Ratio	Lower	Upper
88	100		
58	79.1	63.2	94.8
43	31.4	41.2	61.8#



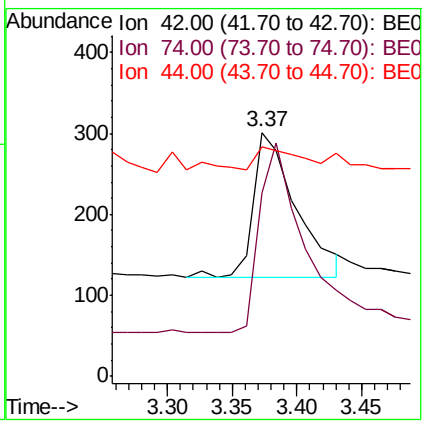


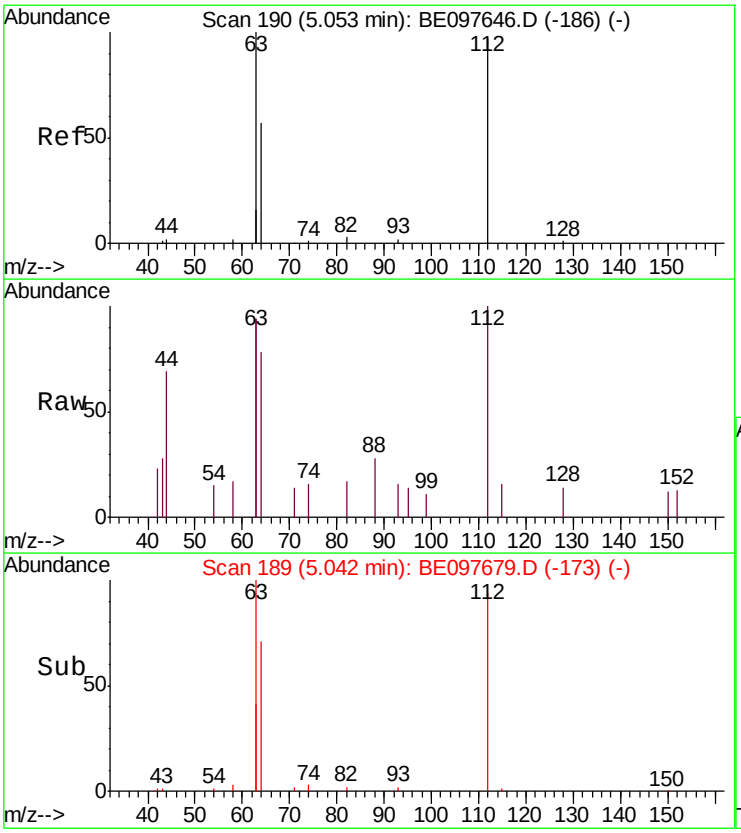
#3
n-Nitrosodimethylamine
Concen: 0.425 ng
RT: 3.37 min Scan# 44
Delta R.T. -0.01 min
Lab File: BE097679.D
Acq: 26 Sep 2018 4:23

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion: 42 Resp: 407

Ion	Ratio	Lower	Upper
42	100		
74	133.4	96.0	144.0
44	11.5	12.0	18.0#

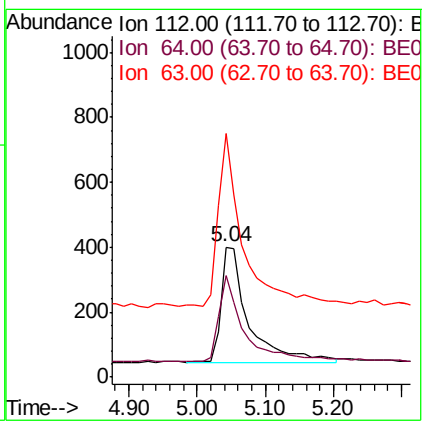


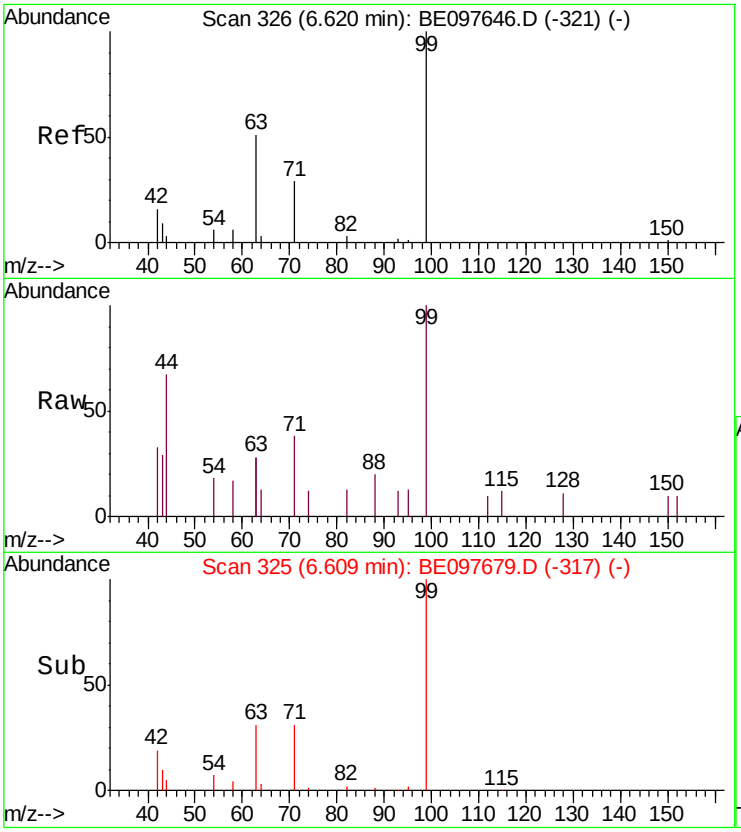


#4
2-Fluorophenol
Concen: 0.447 ng
RT: 5.04 min Scan# 189
Delta R.T. -0.01 min
Lab File: BE097679.D
Acq: 26 Sep 2018 4:23

Tgt Ion:112 Resp: 995

Ion	Ratio	Lower	Upper
112	100		
64	67.1	60.1	90.1
63	134.0	116.8	175.2



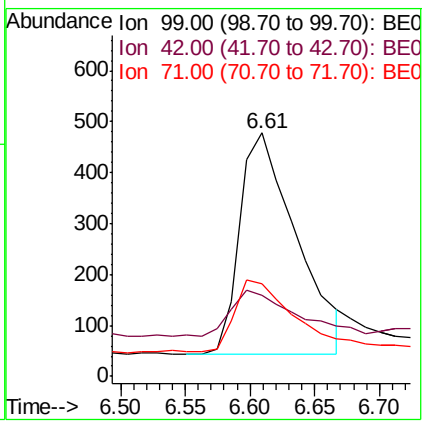


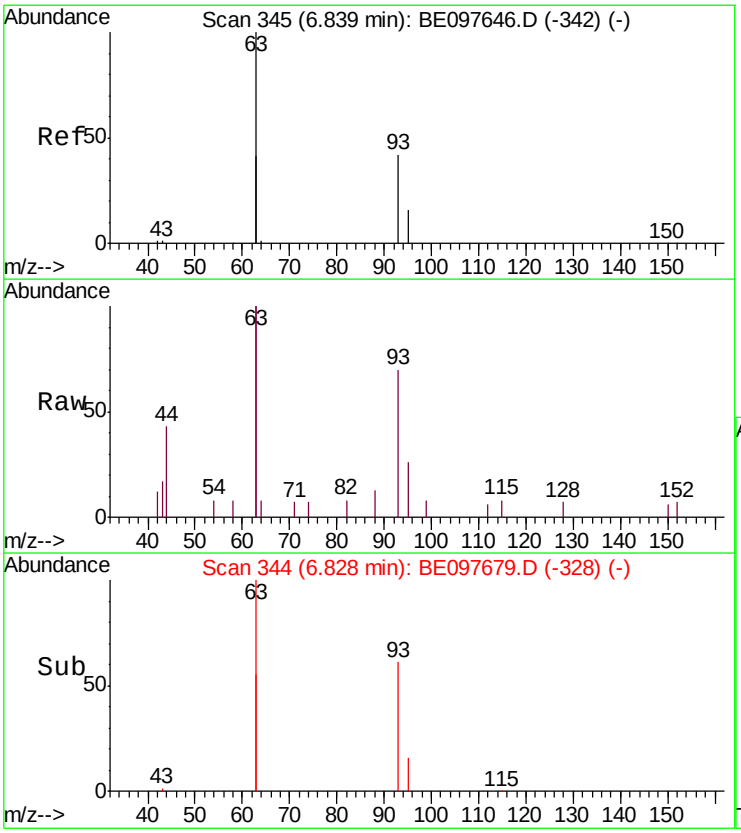
#5
Phenol-d6
Concen: 0.419 ng
RT: 6.61 min Scan# 325
Delta R.T. -0.01 min
Lab File: BE097679.D
Acq: 26 Sep 2018 4:23

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion: 99 Resp: 1317

Ion	Ratio	Lower	Upper
99	100		
42	22.7	20.2	30.2
71	33.6	28.4	42.6

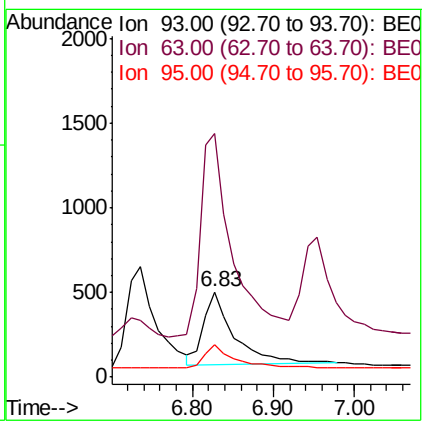


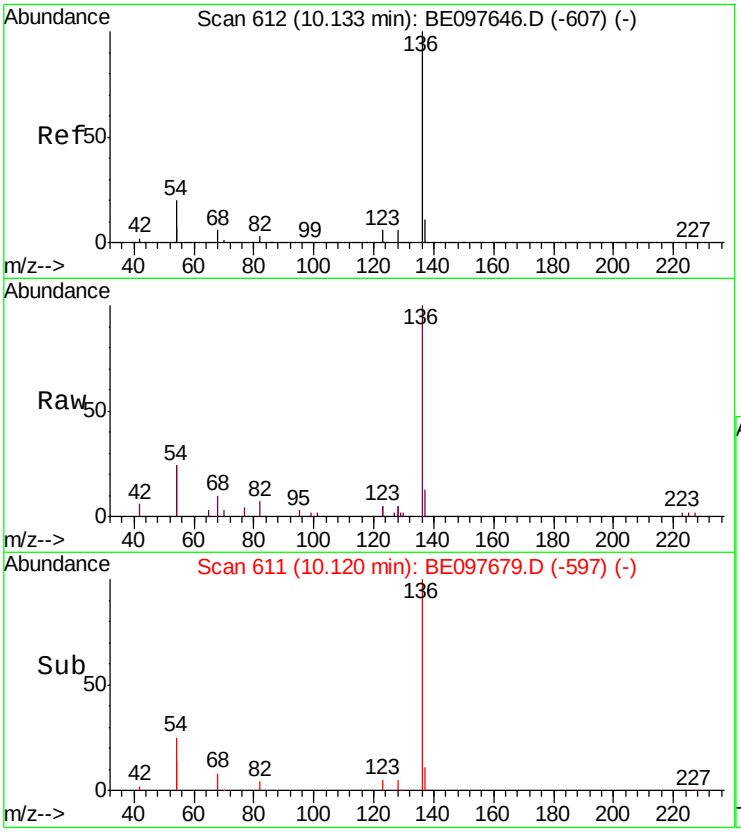


#6
bis(2-Chloroethyl)ether
Concen: 0.449 ng
RT: 6.83 min Scan# 344
Delta R.T. -0.01 min
Lab File: BE097679.D
Acq: 26 Sep 2018 4:23

Tgt Ion: 93 Resp: 1191

Ion	Ratio	Lower	Upper
93	100		
63	279.3	275.3	412.9
95	29.2	25.2	37.8



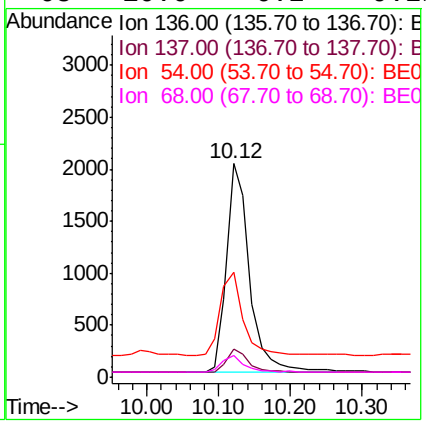


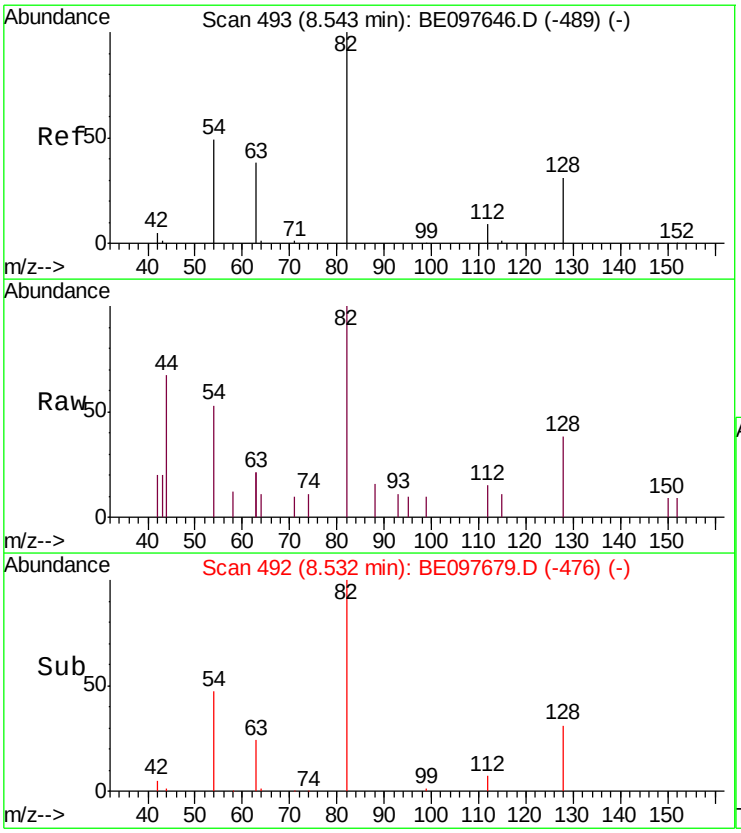
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.12 min Scan# 611
Delta R.T. -0.01 min
Lab File: BE097679.D
Acq: 26 Sep 2018 4:23

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:136 Resp: 4490

Ion	Ratio	Lower	Upper
136	100		
137	13.1	9.5	14.3
54	48.9	29.1	43.7#
68	10.0	6.2	9.2#

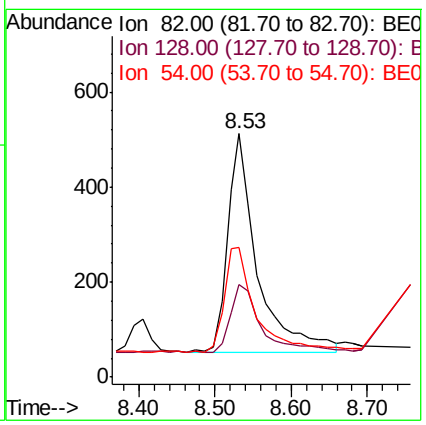


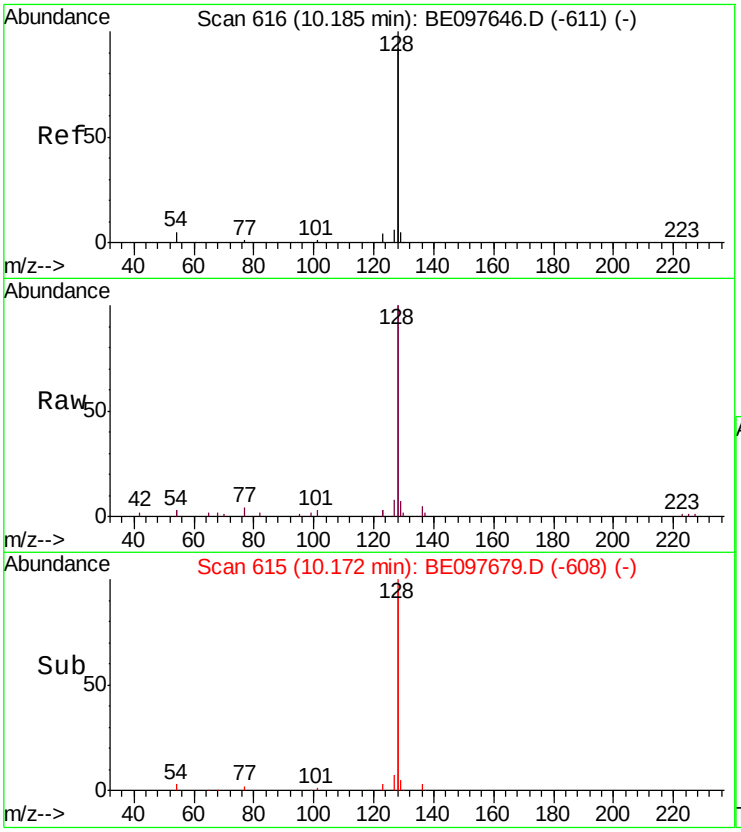


#8
Nitrobenzene-d5
Concen: 0.446 ng
RT: 8.53 min Scan# 492
Delta R.T. -0.01 min
Lab File: BE097679.D
Acq: 26 Sep 2018 4:23

Tgt Ion: 82 Resp: 1246

Ion	Ratio	Lower	Upper
82	100		
128	37.9	24.0	36.0#
54	53.1	40.0	60.0



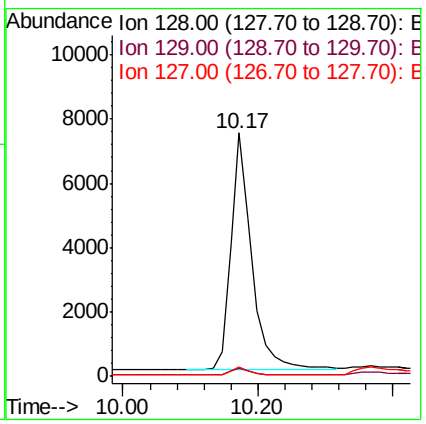


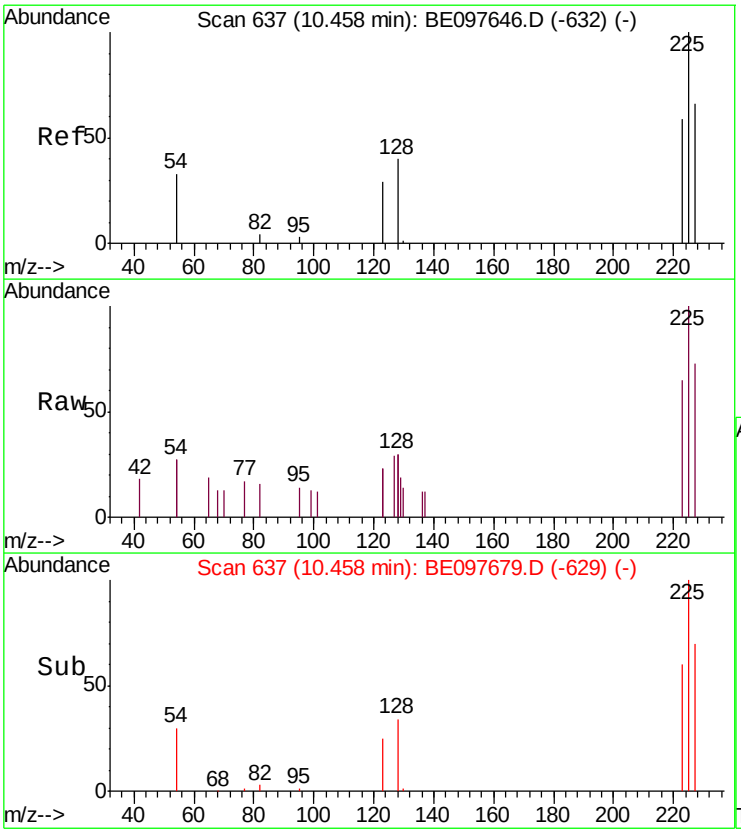
#9
Naphthalene
Concen: 0.390 ng
RT: 10.17 min Scan# 615
Delta R.T. -0.01 min
Lab File: BE097679.D
Acq: 26 Sep 2018 4:23

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:128 Resp: 15901

Ion	Ratio	Lower	Upper
128	100		
129	3.3	2.6	3.8
127	4.0	2.8	4.2

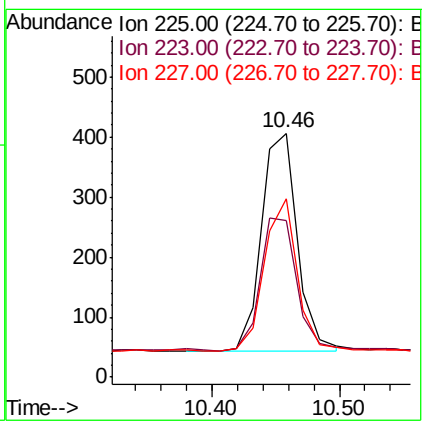


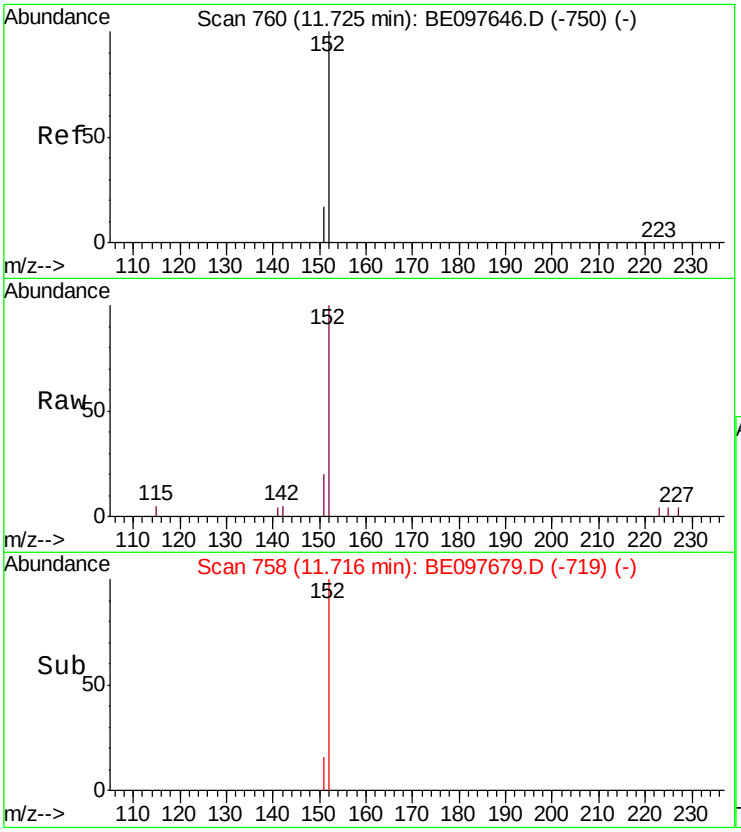


#10
Hexachlorobutadiene
Concen: 0.380 ng
RT: 10.46 min Scan# 637
Delta R.T. 0.00 min
Lab File: BE097679.D
Acq: 26 Sep 2018 4:23

Tgt Ion:225 Resp: 706

Ion	Ratio	Lower	Upper
225	100		
223	62.3	53.0	79.6
227	63.6	51.4	77.2



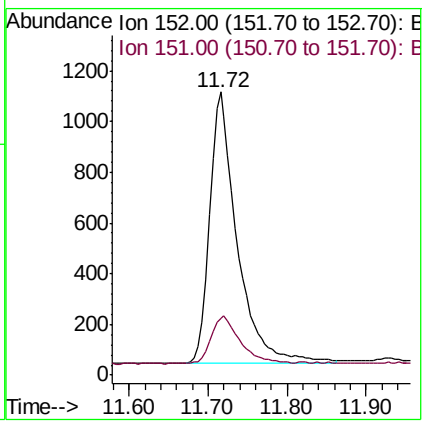


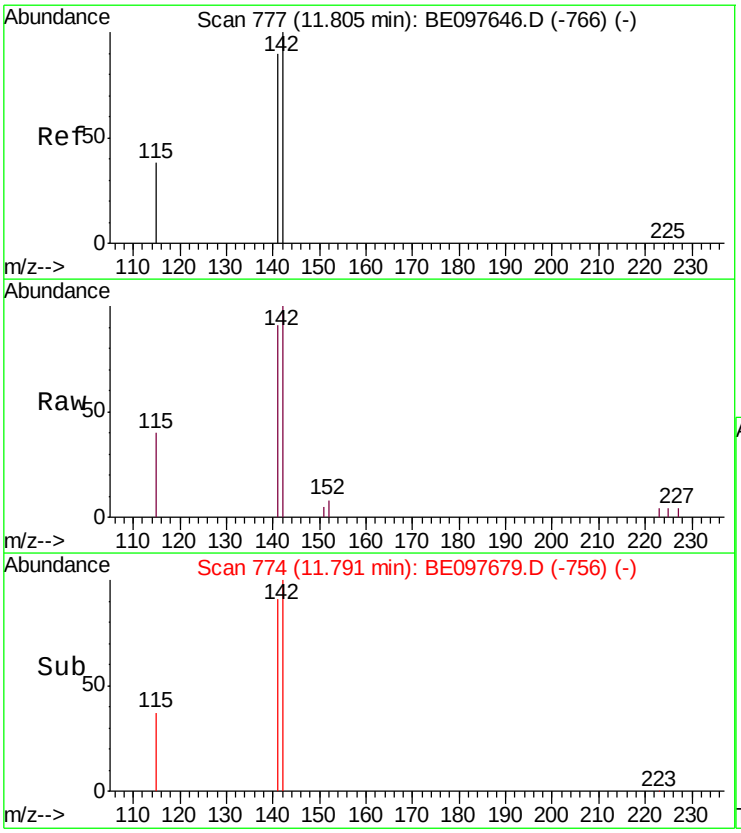
#11
2-Methylnaphthalene-d10
Concen: 0.390 ng
RT: 11.72 min Scan# 758
Delta R.T. -0.01 min
Lab File: BE097679.D
Acq: 26 Sep 2018 4:23

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:152 Resp: 2590

Ion	Ratio	Lower	Upper
152	100		
151	18.6	15.4	23.0

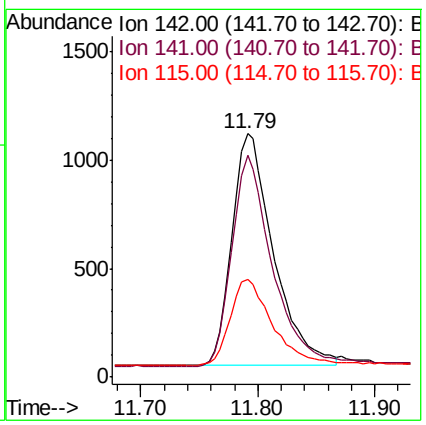


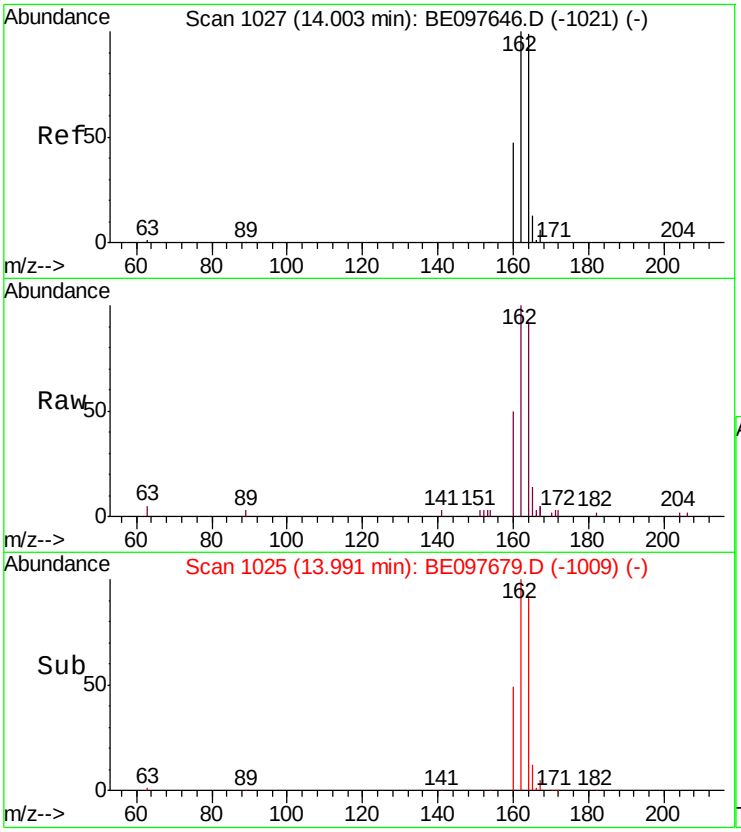


#12
2-Methylnaphthalene
Concen: 0.408 ng
RT: 11.79 min Scan# 774
Delta R.T. -0.01 min
Lab File: BE097679.D
Acq: 26 Sep 2018 4:23

Tgt Ion:142 Resp: 2636

Ion	Ratio	Lower	Upper
142	100		
141	91.0	70.4	105.6
115	40.0	31.7	47.5



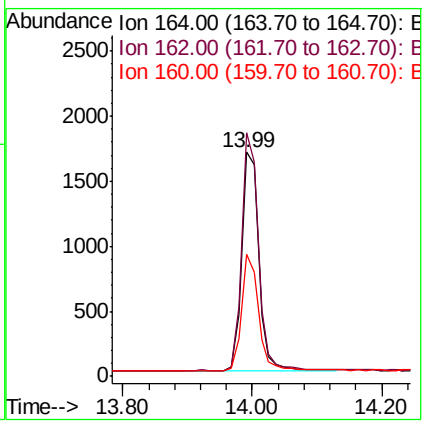


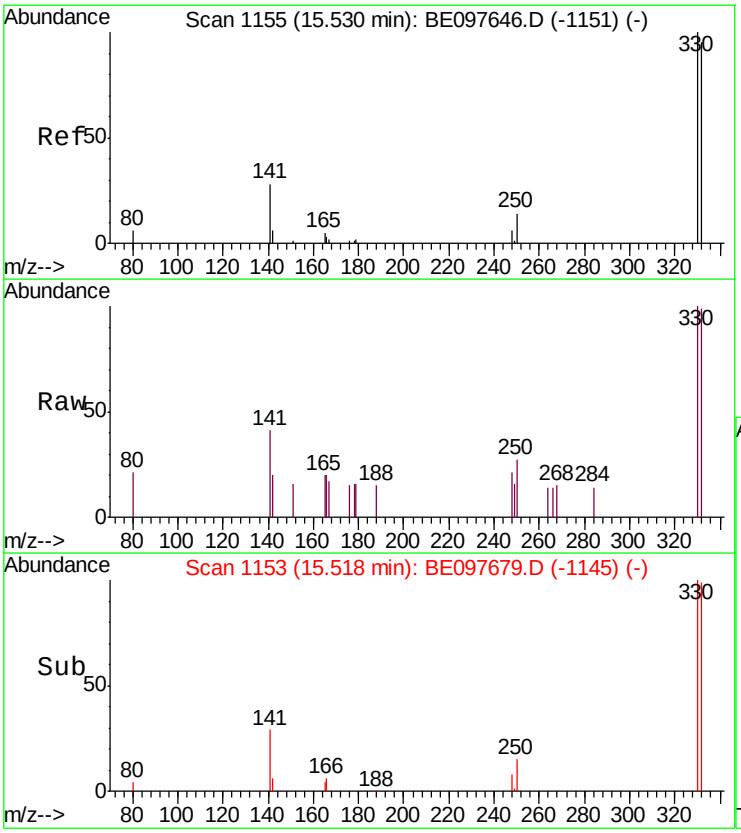
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 13.99 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BE097679.D
Acq: 26 Sep 2018 4:23

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:164 Resp: 3058

Ion	Ratio	Lower	Upper
164	100		
162	108.6	83.1	124.7
160	54.4	37.1	55.7

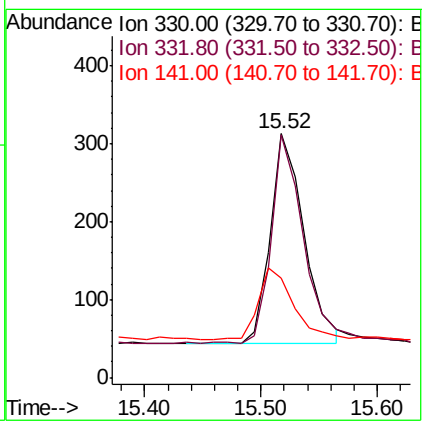


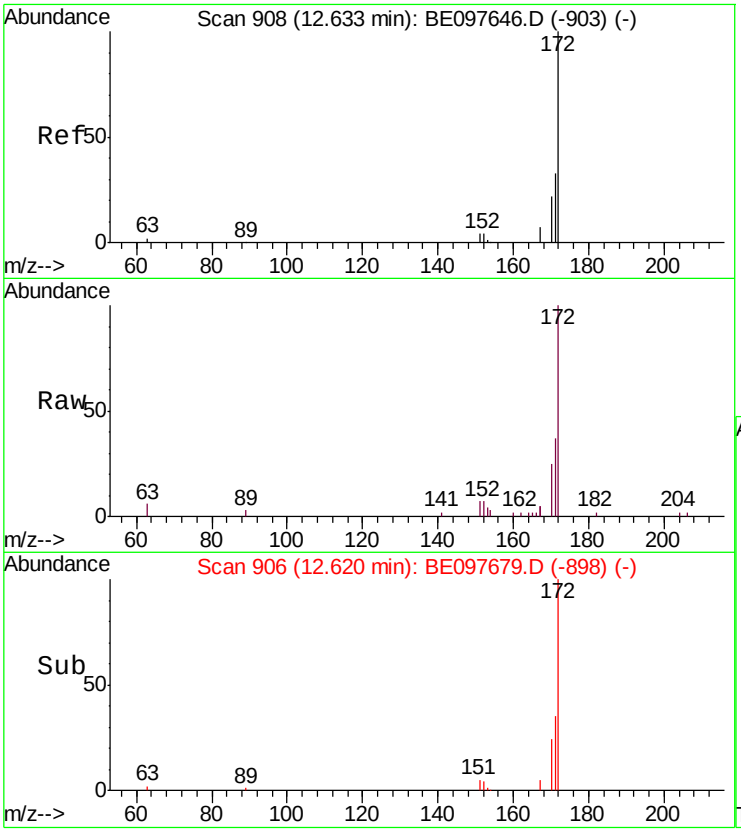


#14
2,4,6-Tribromophenol
Concen: 0.436 ng
RT: 15.52 min Scan# 1153
Delta R.T. -0.01 min
Lab File: BE097679.D
Acq: 26 Sep 2018 4:23

Tgt Ion:330 Resp: 544

Ion	Ratio	Lower	Upper
330	100		
332	93.0	152.7	229.1#
141	34.7	33.7	50.5



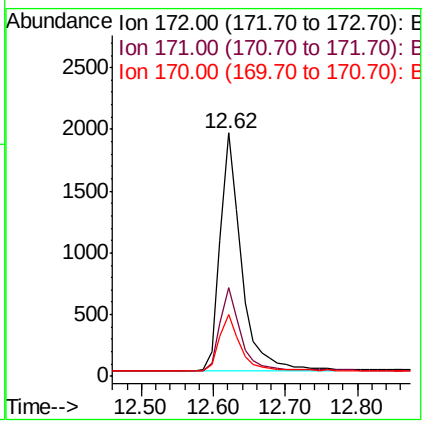


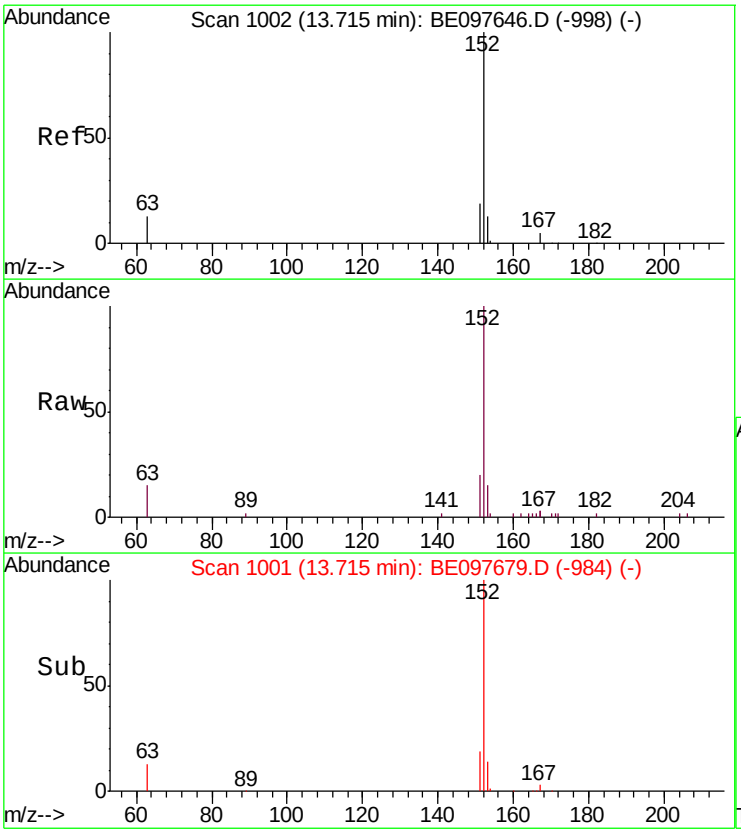
#15
2-Fluorobiphenyl
Concen: 0.399 ng
RT: 12.62 min Scan# 906
Delta R.T. -0.01 min
Lab File: BE097679.D
Acq: 26 Sep 2018 4:23

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:172 Resp: 3980

Ion	Ratio	Lower	Upper
172	100		
171	36.7	29.9	44.9
170	25.4	21.8	32.8

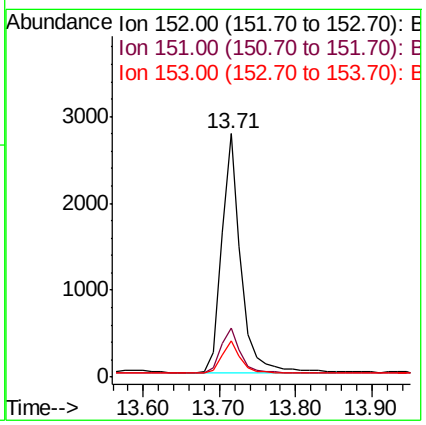


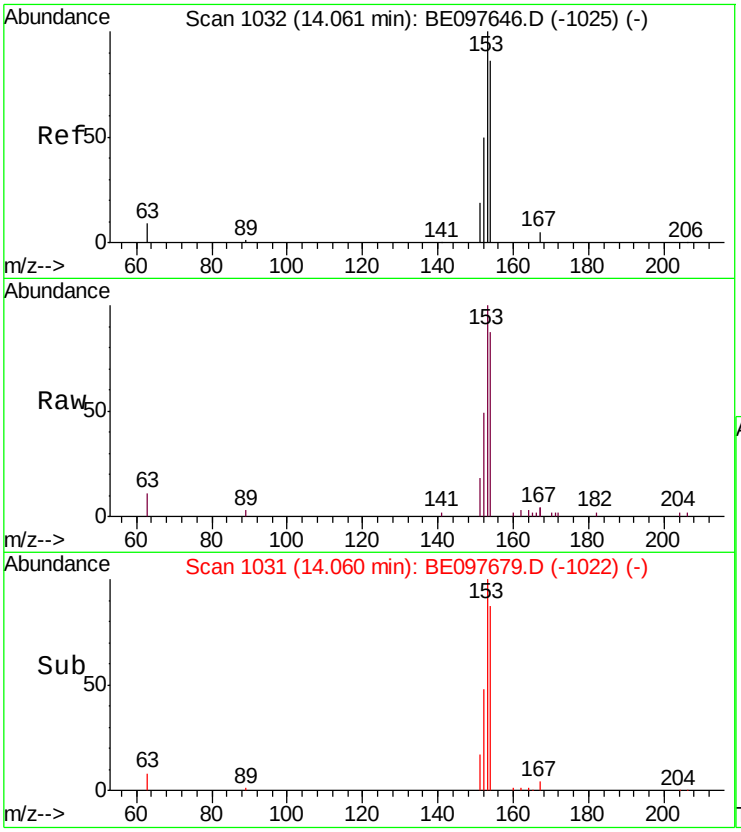


#16
Acenaphthylene
Concen: 0.396 ng
RT: 13.71 min Scan# 1001
Delta R.T. -0.00 min
Lab File: BE097679.D
Acq: 26 Sep 2018 4:23

Tgt Ion:152 Resp: 4875

Ion	Ratio	Lower	Upper
152	100		
151	19.4	15.7	23.5
153	13.0	10.5	15.7



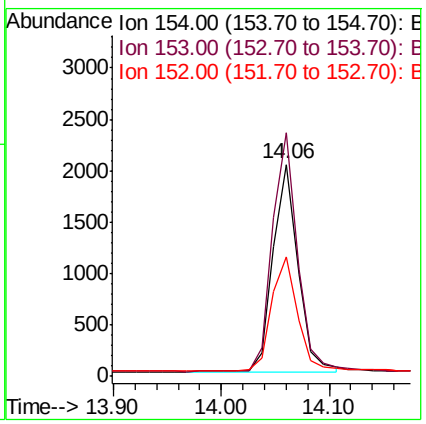


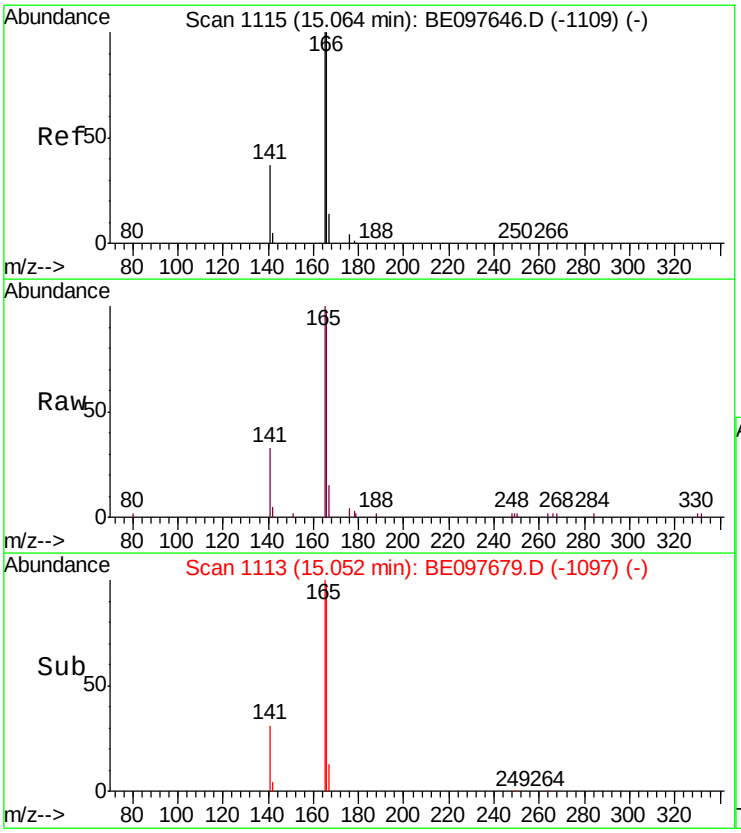
#17
Acenaphthene
Concen: 0.403 ng
RT: 14.06 min Scan# 1031
Delta R.T. -0.00 min
Lab File: BE097679.D
Acq: 26 Sep 2018 4:23

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:154 Resp: 3233

Ion	Ratio	Lower	Upper
154	100		
153	115.5	89.2	133.8
152	56.6	42.0	63.0

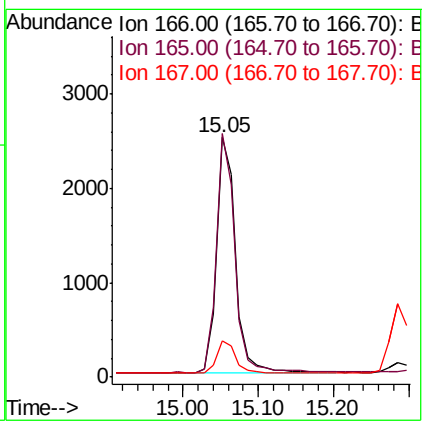


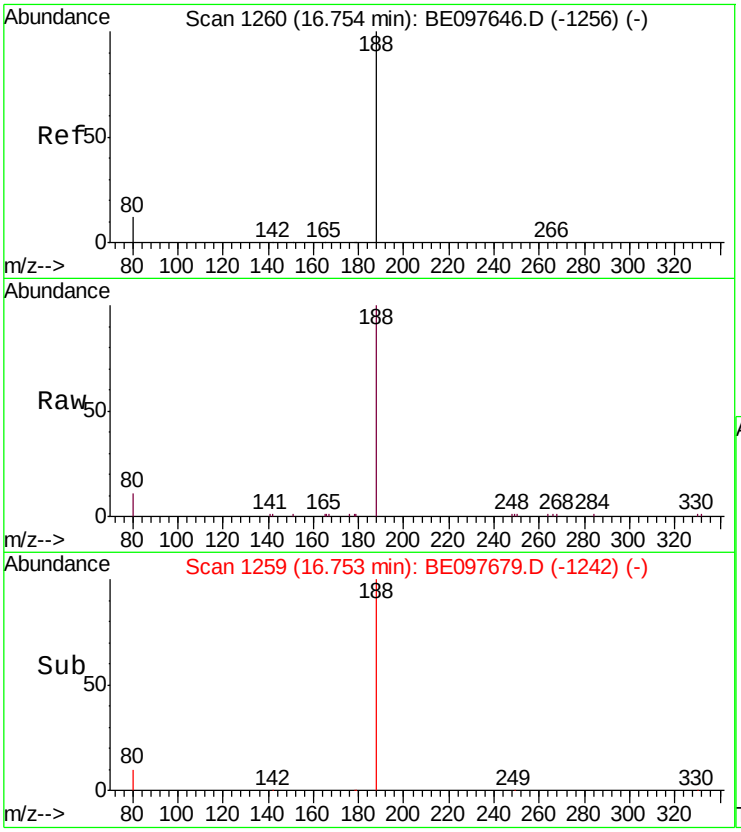


#18
Fluorene
Concen: 0.386 ng
RT: 15.05 min Scan# 1113
Delta R.T. -0.01 min
Lab File: BE097679.D
Acq: 26 Sep 2018 4:23

Tgt Ion:166 Resp: 4355

Ion	Ratio	Lower	Upper
166	100		
165	99.4	77.8	116.6
167	13.4	42.4	63.6#



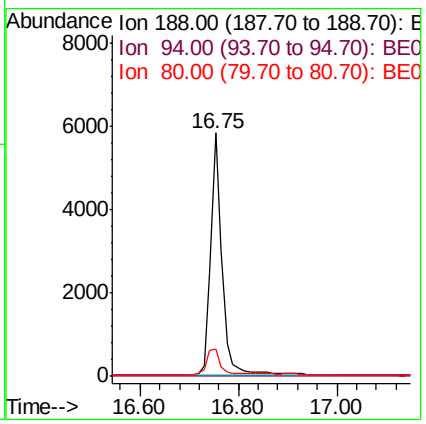


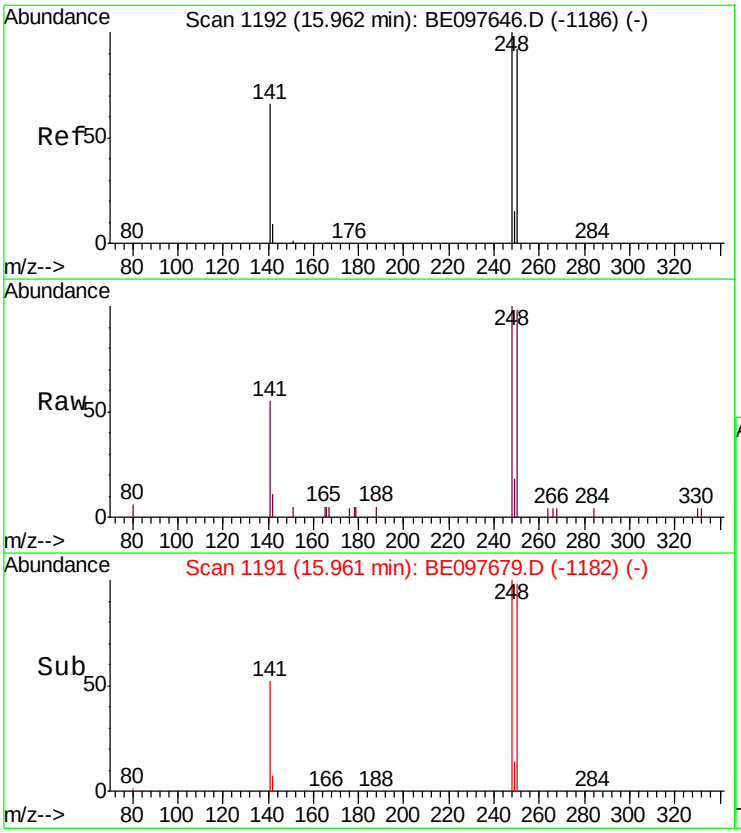
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.75 min Scan# 1259
Delta R.T. -0.00 min
Lab File: BE097679.D
Acq: 26 Sep 2018 4:23

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:188 Resp: 9054

Ion	Ratio	Lower	Upper
188	100		
94	0.0	3.9	5.9#
80	11.1	3.6	5.4#

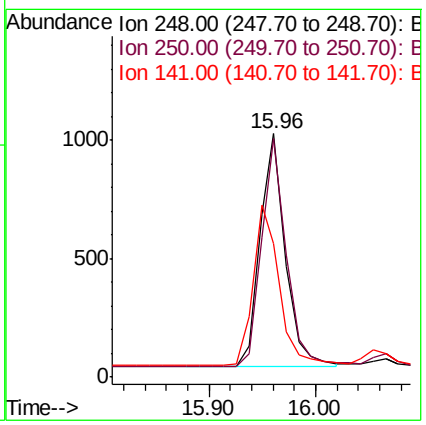


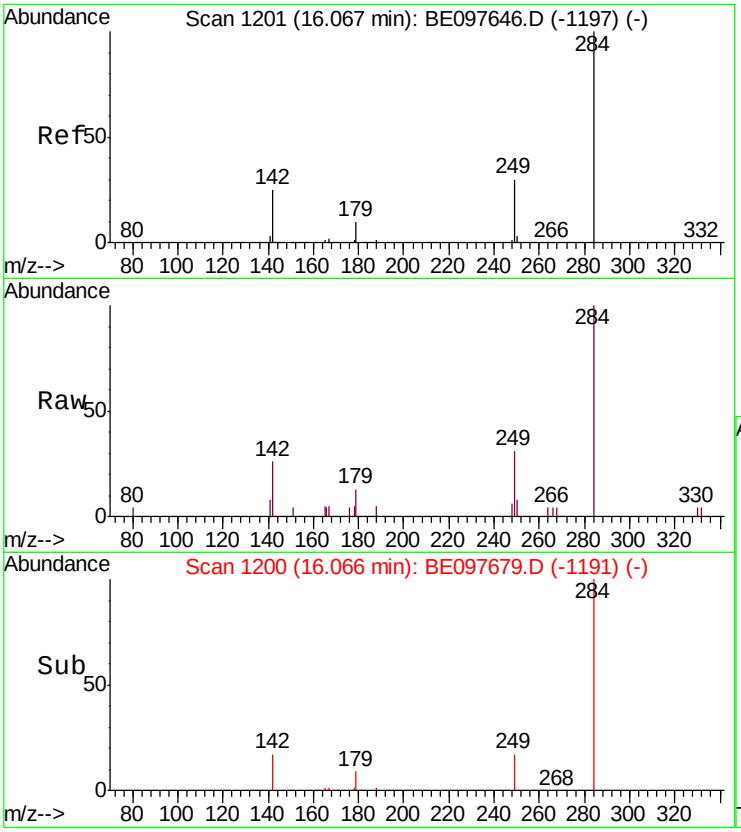


#20
4-Bromophenyl-phenylether
Concen: 0.405 ng
RT: 15.96 min Scan# 1191
Delta R.T. -0.00 min
Lab File: BE097679.D
Acq: 26 Sep 2018 4:23

Tgt Ion:248 Resp: 1627

Ion	Ratio	Lower	Upper
248	100		
250	97.8	62.7	94.1#
141	54.6	48.2	72.2



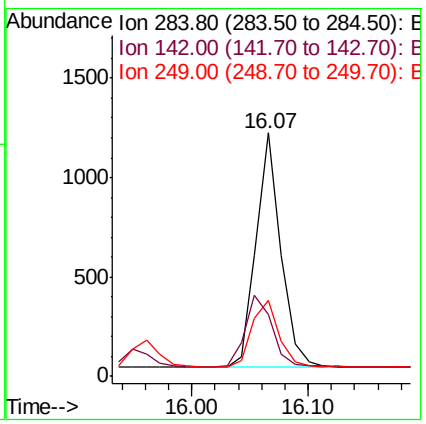


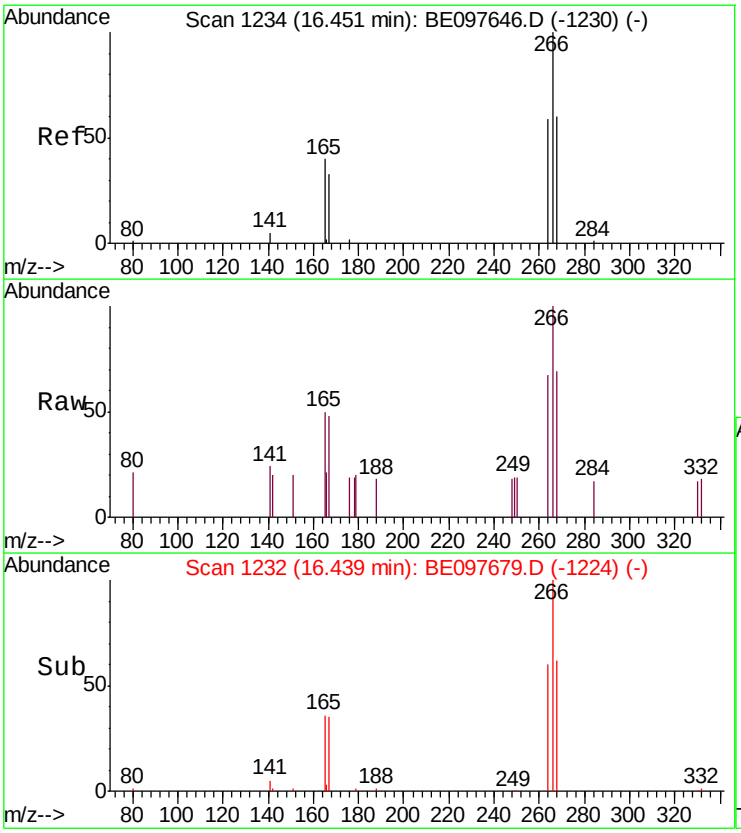
#21
Hexachlorobenzene
Concen: 0.381 ng
RT: 16.07 min Scan# 1200
Delta R.T. -0.00 min
Lab File: BE097679.D
Acq: 26 Sep 2018 4:23

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:284 Resp: 1763

Ion	Ratio	Lower	Upper
284	100		
142	33.0	22.1	33.1
249	30.1	34.8	52.2#

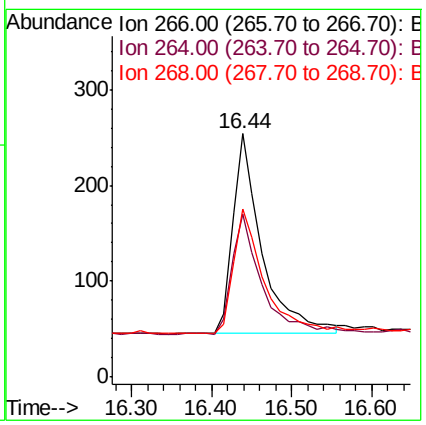


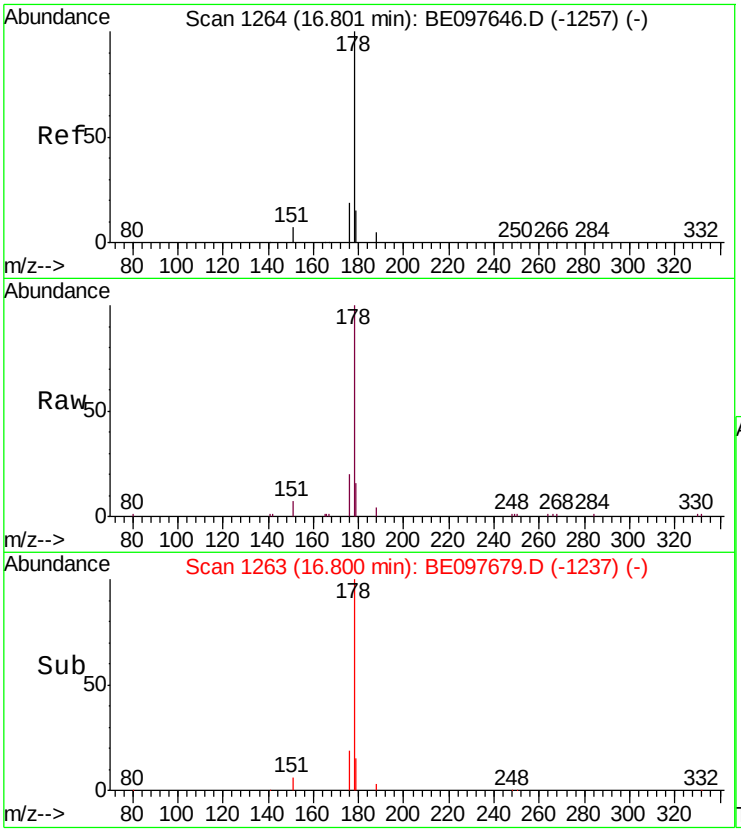


#22
Pentachlorophenol
Concen: 0.564 ng
RT: 16.44 min Scan# 1232
Delta R.T. -0.01 min
Lab File: BE097679.D
Acq: 26 Sep 2018 4:23

Tgt Ion:266 Resp: 527

Ion	Ratio	Lower	Upper
266	100		
264	66.9	72.5	108.7#
268	68.9	73.8	110.6#



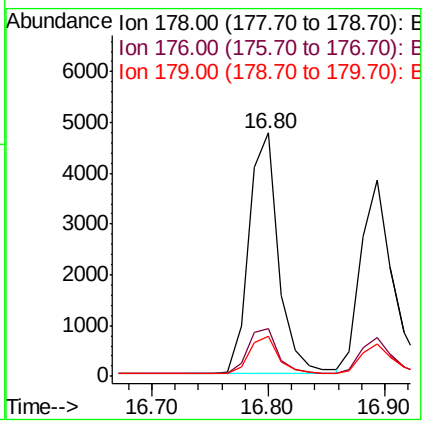


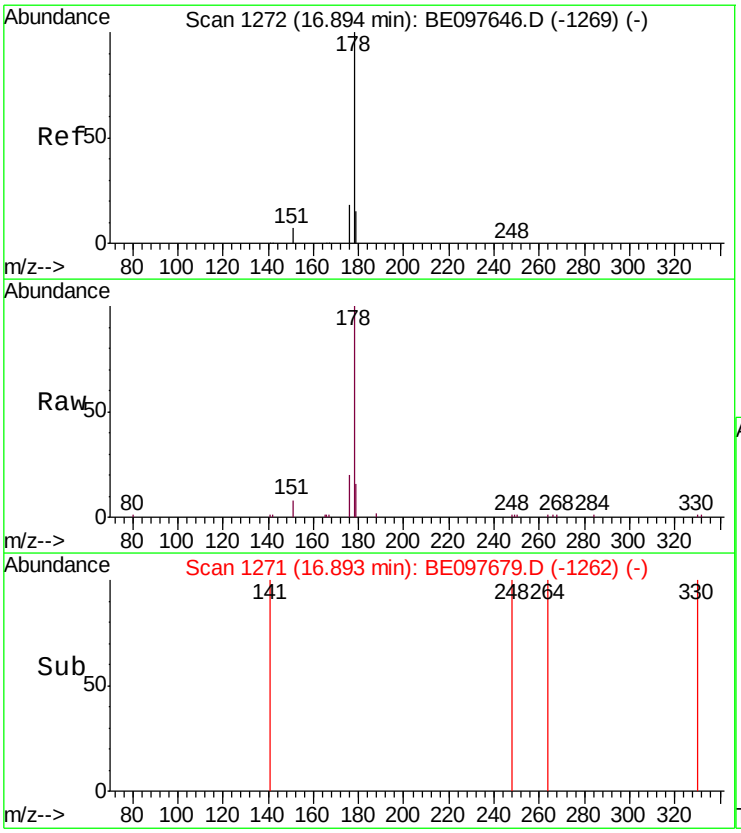
#23
Phenanthrene
Concen: 0.396 ng
RT: 16.80 min Scan# 1263
Delta R.T. -0.00 min
Lab File: BE097679.D
Acq: 26 Sep 2018 4:23

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:178 Resp: 8481

Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.1	22.7
179	15.1	11.8	17.6

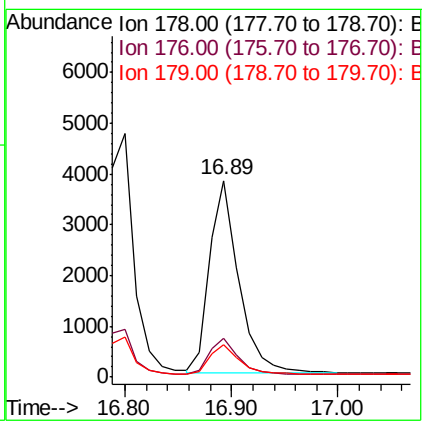


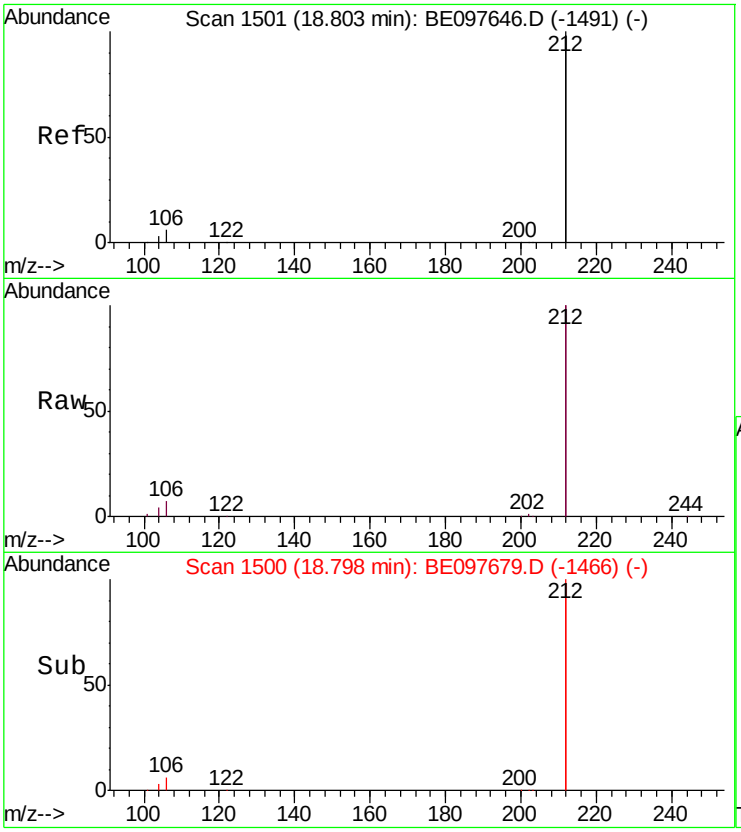


#24
Anthracene
Concen: 0.402 ng
RT: 16.89 min Scan# 1271
Delta R.T. -0.00 min
Lab File: BE097679.D
Acq: 26 Sep 2018 4:23

Tgt Ion:178 Resp: 7155

Ion	Ratio	Lower	Upper
178	100		
176	18.9	12.8	19.2
179	14.9	13.0	19.6



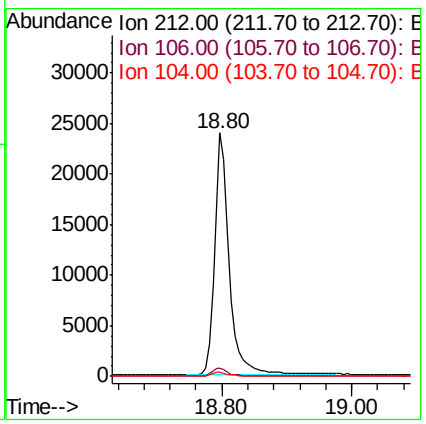


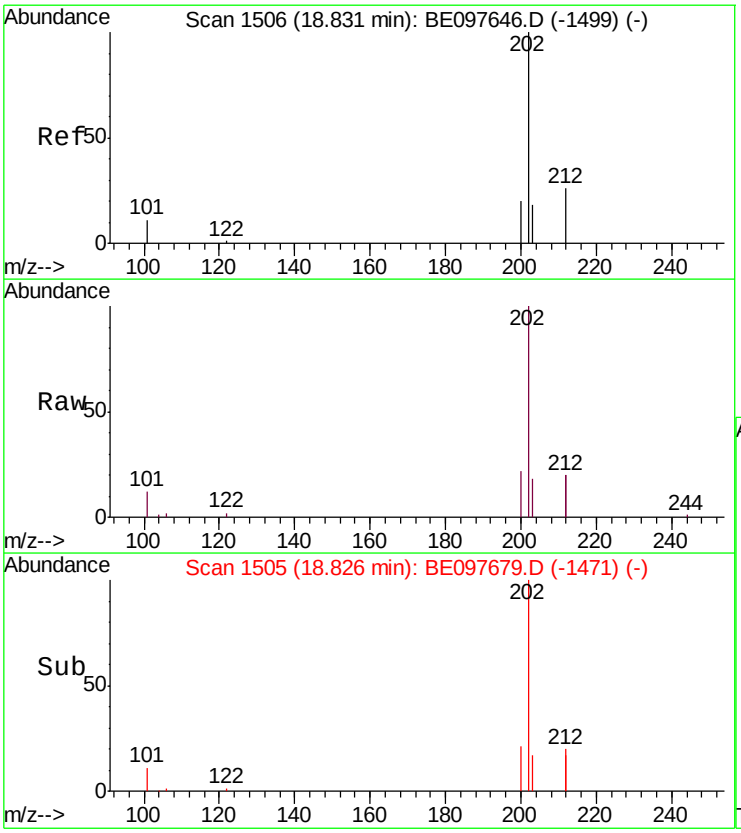
#25
Fluoranthene-d10
Concen: 0.386 ng
RT: 18.80 min Scan# 1500
Delta R.T. -0.00 min
Lab File: BE097679.D
Acq: 26 Sep 2018 4:23

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:212 Resp: 38134

Ion	Ratio	Lower	Upper
212	100		
106	3.2	2.8	4.2
104	1.8	1.6	2.4

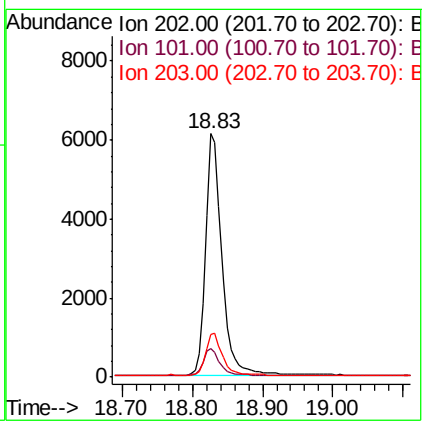


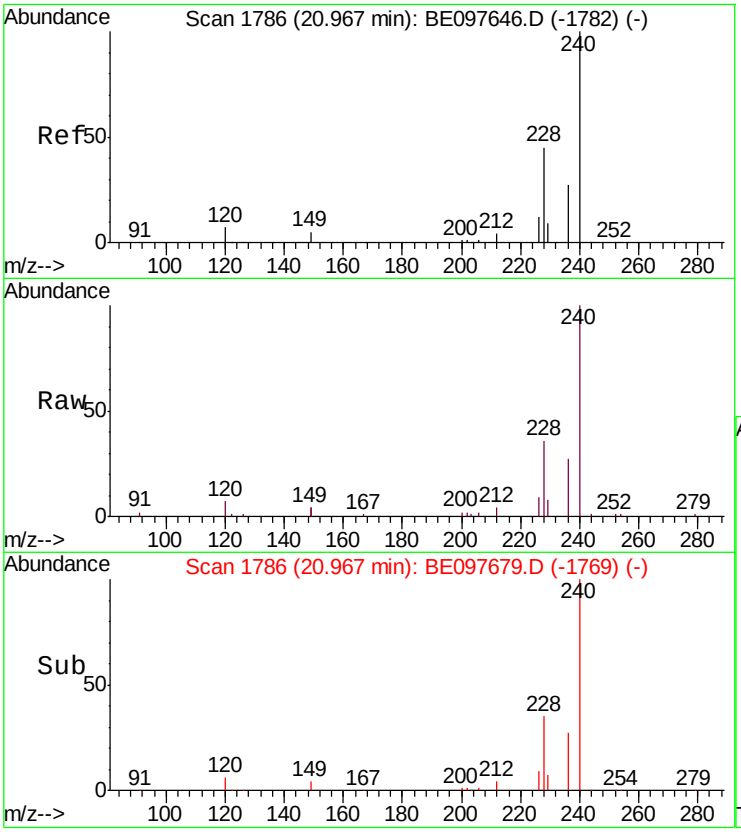


#26
Fluoranthene
Concen: 0.386 ng
RT: 18.83 min Scan# 1505
Delta R.T. -0.00 min
Lab File: BE097679.D
Acq: 26 Sep 2018 4:23

Tgt Ion:202 Resp: 9917

Ion	Ratio	Lower	Upper
202	100		
101	10.8	9.8	14.8
203	17.2	13.7	20.5



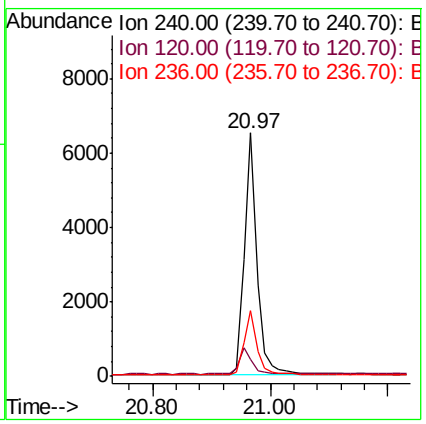


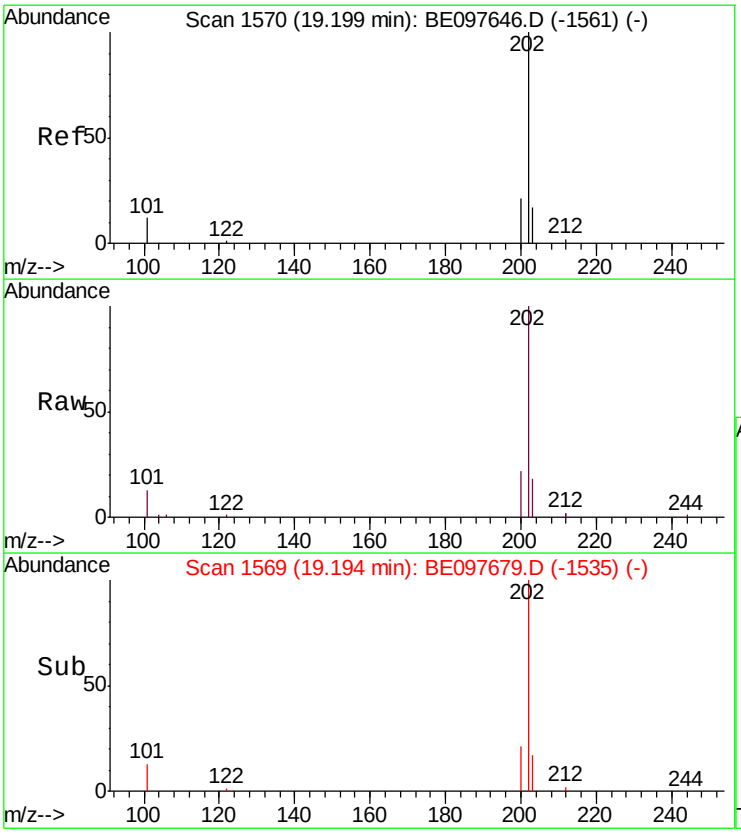
#27
Chrysene-d12
Concen: 0.400 ng
RT: 20.97 min Scan# 1786
Delta R.T. 0.00 min
Lab File: BE097679.D
Acq: 26 Sep 2018 4:23

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:240 Resp: 9778

Ion	Ratio	Lower	Upper
240	100		
120	6.9	5.5	8.3
236	27.2	20.7	31.1

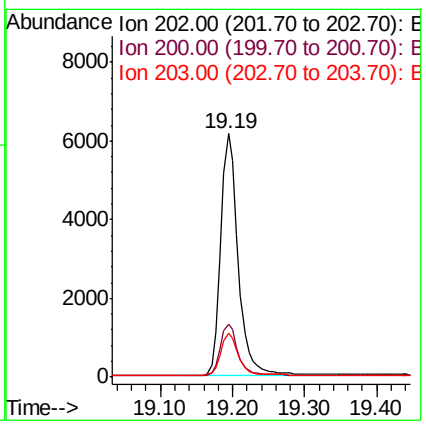


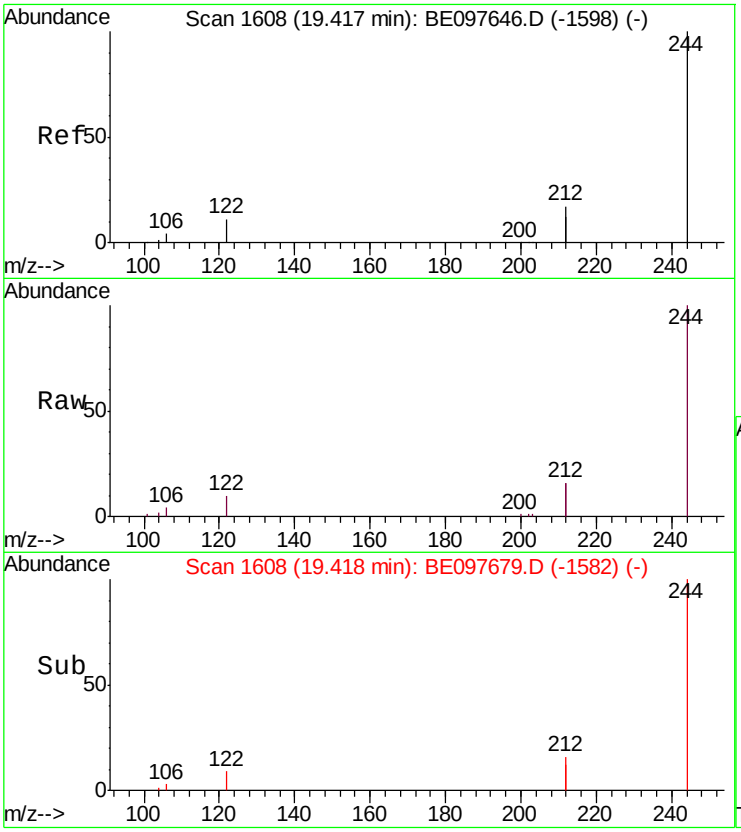


#28
Pyrene
Concen: 0.402 ng
RT: 19.19 min Scan# 1569
Delta R.T. -0.00 min
Lab File: BE097679.D
Acq: 26 Sep 2018 4:23

Tgt Ion:202 Resp: 10259

Ion	Ratio	Lower	Upper
202	100		
200	21.2	16.6	25.0
203	17.2	13.8	20.8



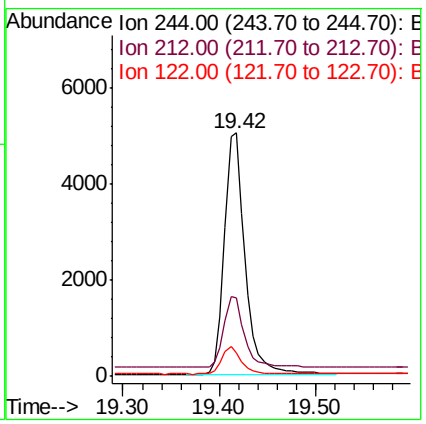


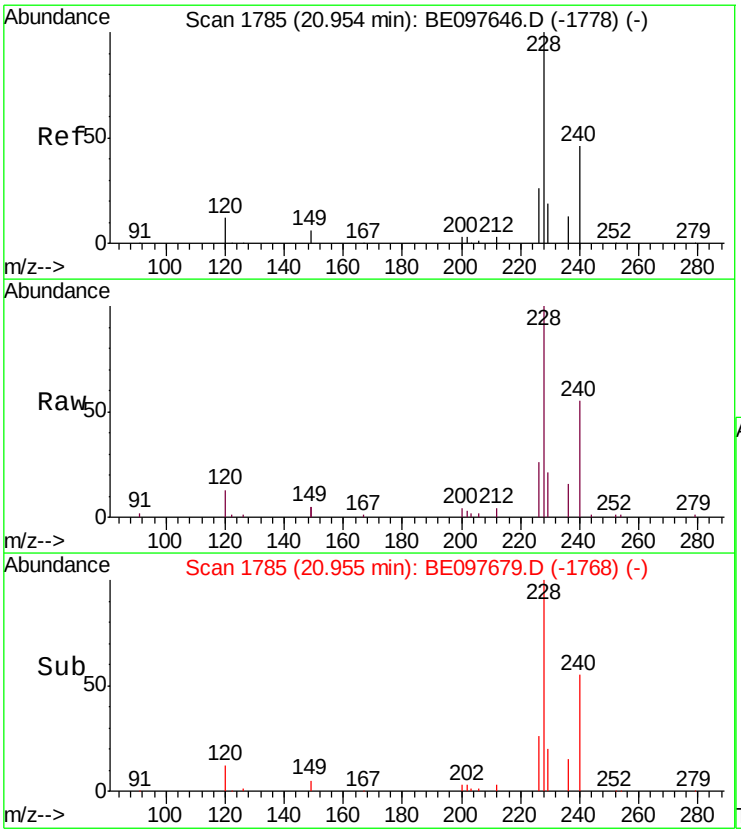
#29
Terphenyl-d14
Concen: 0.391 ng
RT: 19.42 min Scan# 1608
Delta R.T. 0.00 min
Lab File: BE097679.D
Acq: 26 Sep 2018 4:23

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:244 Resp: 7521

Ion	Ratio	Lower	Upper
244	100		
212	32.1	25.4	38.0
122	9.9	8.1	12.1

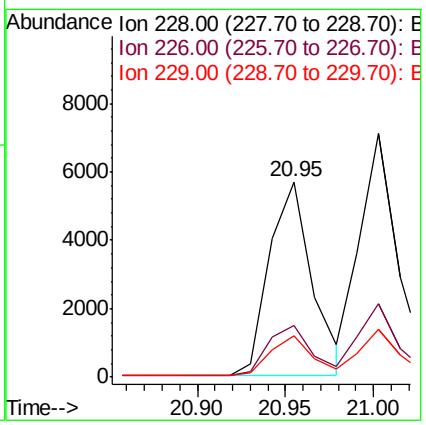


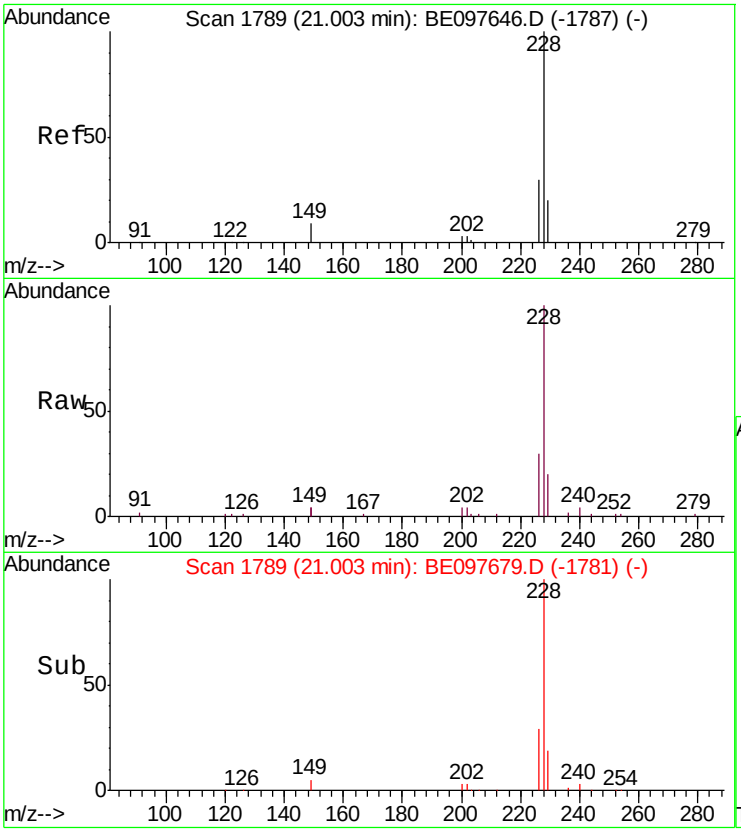


#30
Benzo(a)anthracene
Concen: 0.415 ng
RT: 20.95 min Scan# 1785
Delta R.T. 0.00 min
Lab File: BE097679.D
Acq: 26 Sep 2018 4:23

Tgt Ion:228 Resp: 9578

Ion	Ratio	Lower	Upper
228	100		
226	26.5	24.0	36.0
229	21.0	16.0	24.0



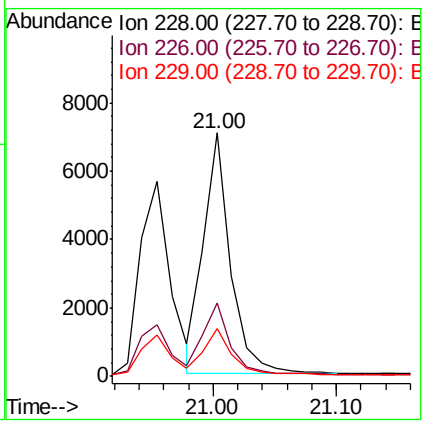


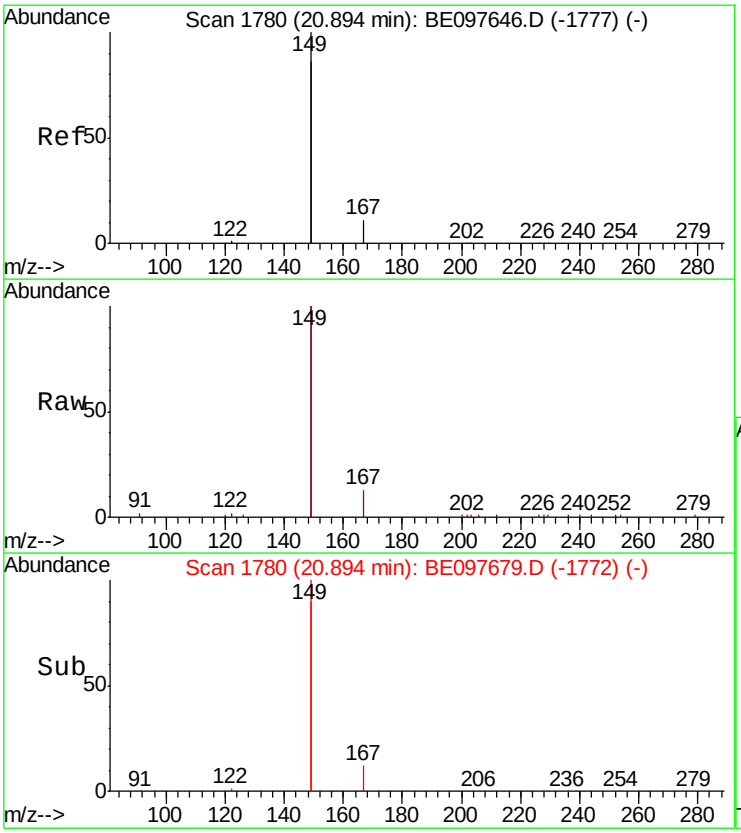
#31
Chrysene
Concen: 0.393 ng
RT: 21.00 min Scan# 1789
Delta R.T. 0.00 min
Lab File: BE097679.D
Acq: 26 Sep 2018 4:23

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:228 Resp: 10620

Ion	Ratio	Lower	Upper
228	100		
226	30.0	24.0	36.0
229	19.8	16.0	24.0

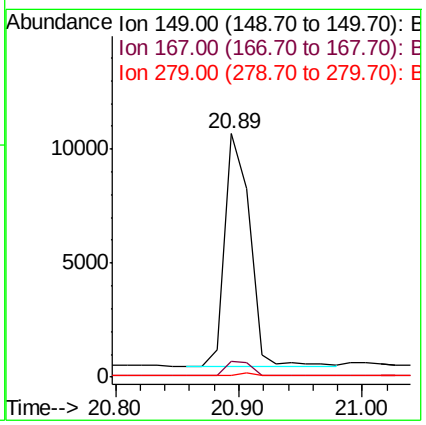


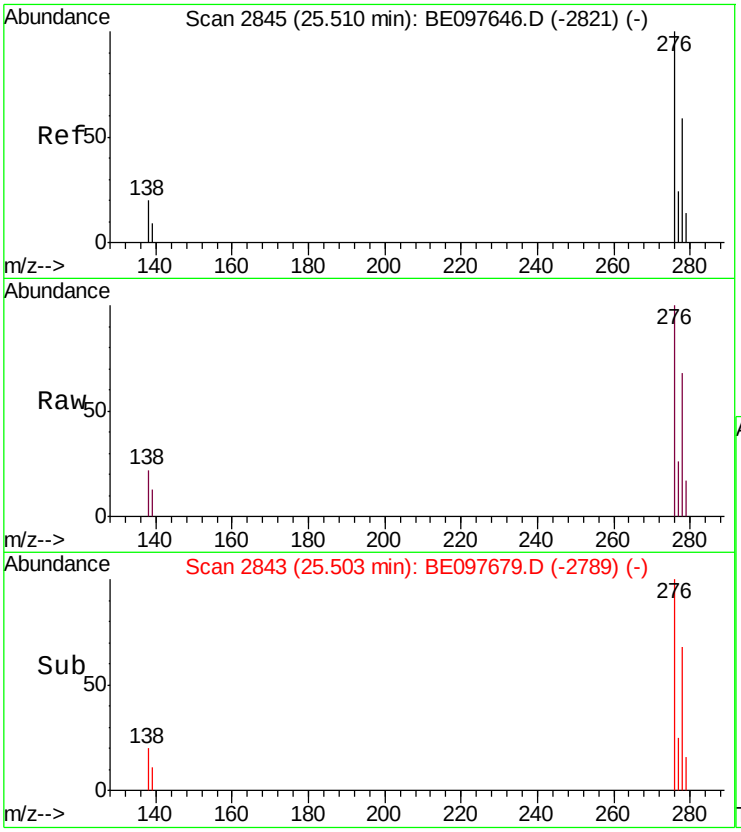


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.543 ng
RT: 20.89 min Scan# 1780
Delta R.T. 0.00 min
Lab File: BE097679.D
Acq: 26 Sep 2018 4:23

Tgt Ion:149 Resp: 14329

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



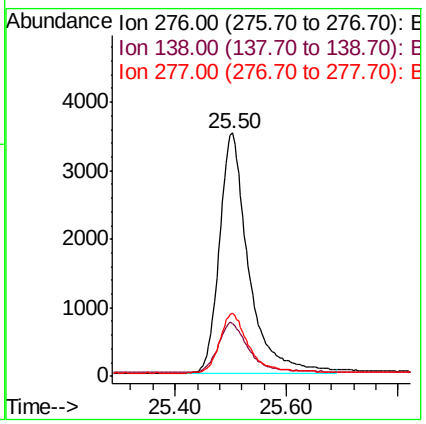


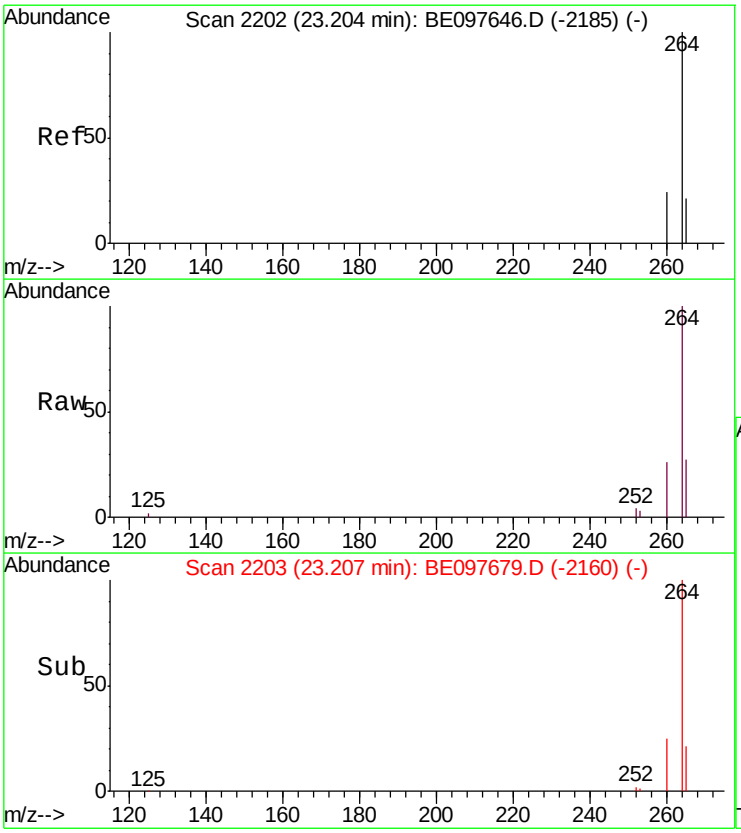
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.444 ng
RT: 25.50 min Scan# 2843
Delta R.T. -0.01 min
Lab File: BE097679.D
Acq: 26 Sep 2018 4:23

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:276 Resp: 12662

Ion	Ratio	Lower	Upper
276	100		
138	21.7	22.5	33.7#
277	24.5	19.9	29.9

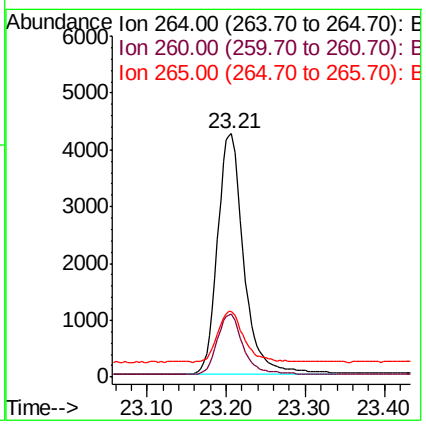


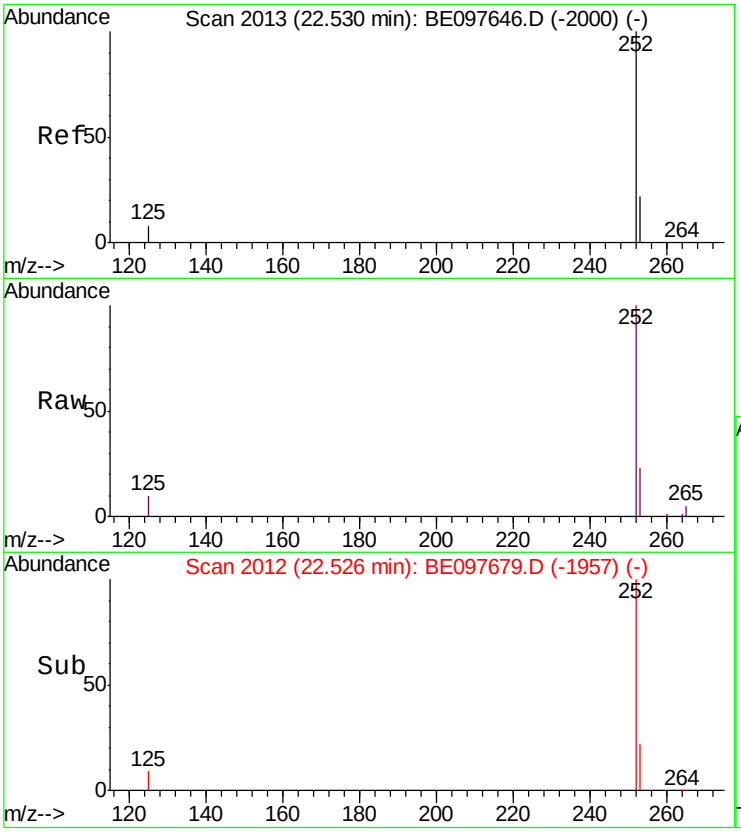


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.21 min Scan# 2203
Delta R.T. 0.00 min
Lab File: BE097679.D
Acq: 26 Sep 2018 4:23

Tgt Ion:264 Resp: 9773

Ion	Ratio	Lower	Upper
264	100		
260	25.9	20.5	30.7
265	26.7	22.8	34.2



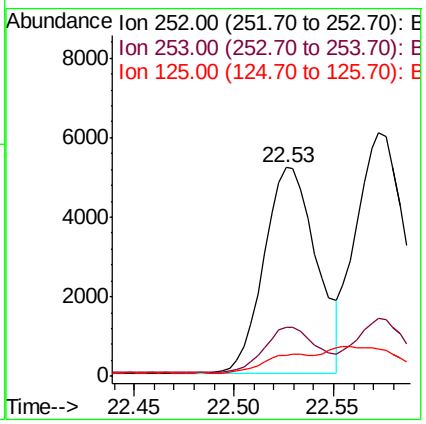


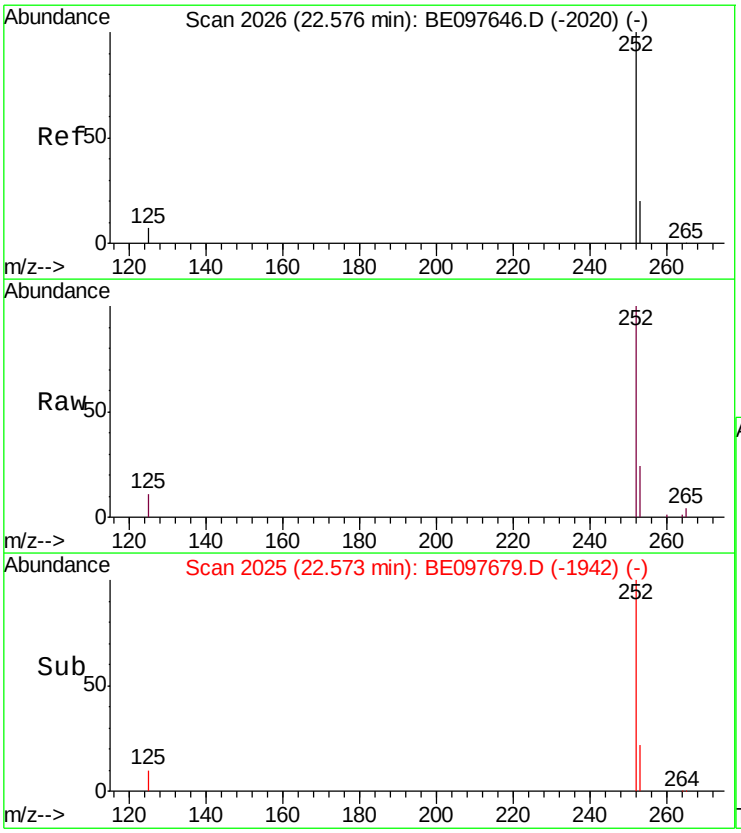
#35
Benzo(b)fluoranthene
Concen: 0.379 ng
RT: 22.53 min Scan# 2012
Delta R.T. -0.00 min
Lab File: BE097679.D
Acq: 26 Sep 2018 4:23

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:252 Resp: 9470

Ion	Ratio	Lower	Upper
252	100		
253	23.4	20.0	30.0
125	10.3	16.0	24.0#

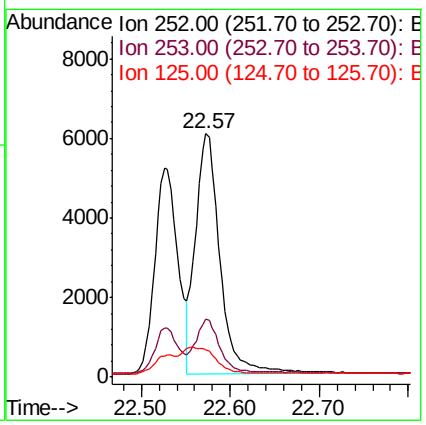


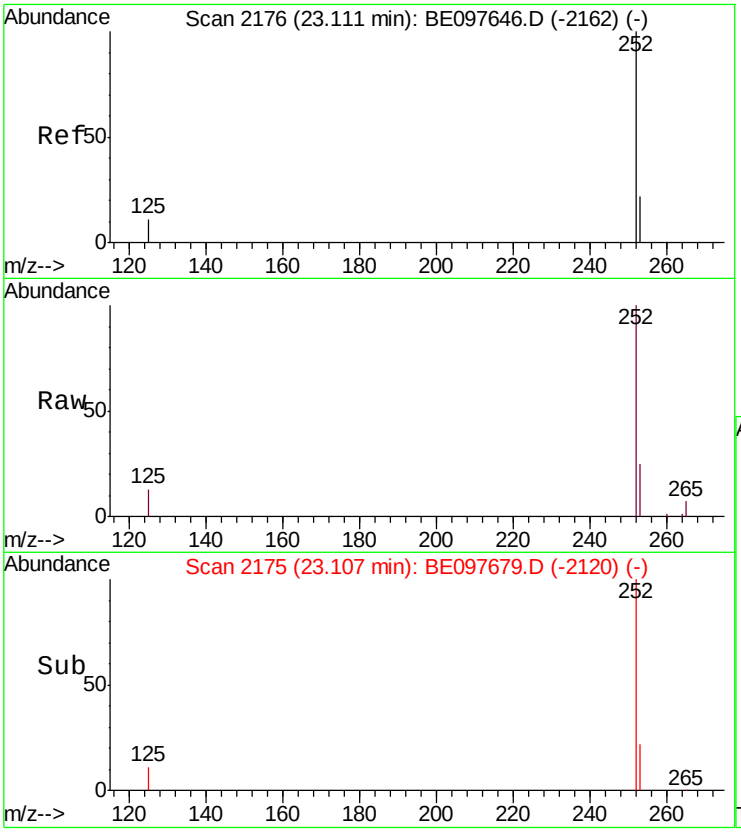


#36
Benzo(k)fluoranthene
Concen: 0.384 ng
RT: 22.57 min Scan# 2025
Delta R.T. -0.00 min
Lab File: BE097679.D
Acq: 26 Sep 2018 4:23

Tgt Ion:252 Resp: 11355

Ion	Ratio	Lower	Upper
252	100		
253	23.8	16.0	24.0
125	11.3	8.0	12.0



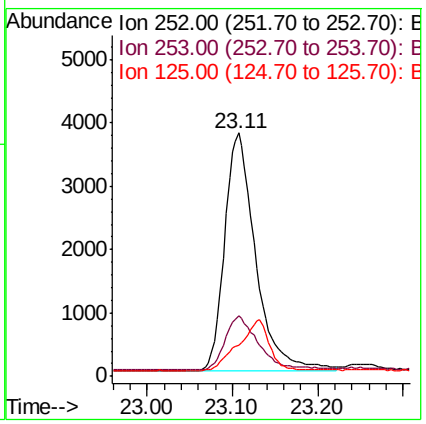


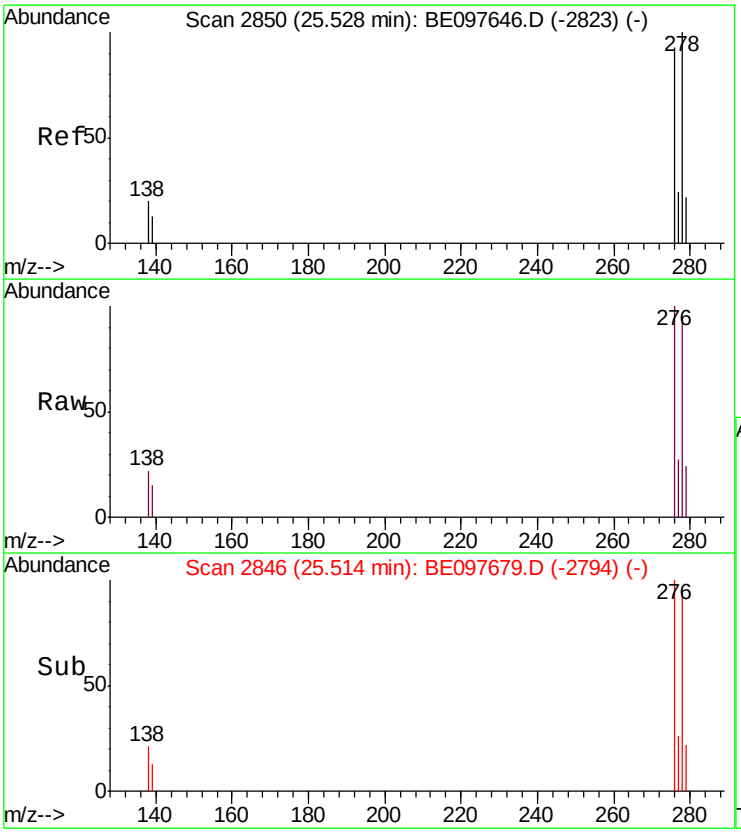
#37
Benzo(a)pyrene
Concen: 0.384 ng
RT: 23.11 min Scan# 2175
Delta R.T. -0.00 min
Lab File: BE097679.D
Acq: 26 Sep 2018 4:23

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:252 Resp: 9482

Ion	Ratio	Lower	Upper
252	100		
253	24.8	16.0	24.0#
125	13.0	12.0	18.0

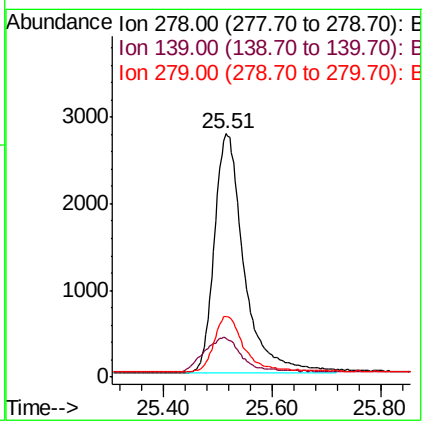


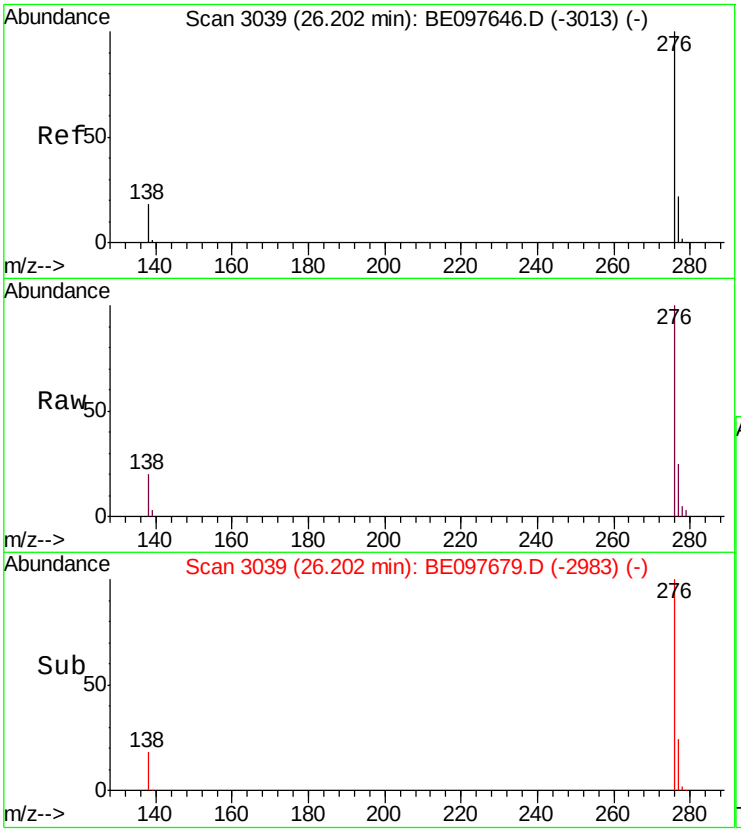


#38
Dibenzo(a,h)anthracene
Concen: 0.403 ng
RT: 25.51 min Scan# 2846
Delta R.T. -0.01 min
Lab File: BE097679.D
Acq: 26 Sep 2018 4:23

Tgt Ion:278 Resp: 10454

Ion	Ratio	Lower	Upper
278	100		
139	16.0	16.0	24.0#
279	24.9	20.0	30.0





#39
Benzo(g,h,i)perylene
Concen: 0.387 ng
RT: 26.20 min Scan# 3039
Delta R.T. -0.00 min
Lab File: BE097679.D
Acq: 26 Sep 2018 4:23

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:276 Resp: 9990

Ion	Ratio	Lower	Upper
276	100		
277	25.4	16.0	24.0#
138	20.2	20.0	30.0