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

Quantitation Report (Not Reviewed)

Data File : BE097669.D
Acq On : 25 Sep 2018 22:13
Operator : SJ/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : SSTDCCC0.4

Quant Time: Sep 26 07:37:11 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	7.38	152	792	0.40	ng		0.00
7) Naphthalene-d8	10.13	136	3996	0.40	ng		0.00
13) Acenaphthene-d10	14.00	164	2774	0.40	ng		0.00
19) Phenanthrene-d10	16.75	188	8430	0.40	ng		0.00
27) Chrysene-d12	20.97	240	8909	0.40	ng		0.00
34) Perylene-d12	23.21	264	8845	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.05	112	818	0.39	ng		0.00
5) Phenol-d6	6.62	99	1008	0.34	ng		0.00
8) Nitrobenzene-d5	8.54	82	1010	0.41	ng		0.00
11) 2-Methylnaphthalene-d10	11.73	152	2283	0.39	ng		0.00
14) 2,4,6-Tribromophenol	15.53	330	451	0.41	ng		0.00
15) 2-Fluorobiphenyl	12.63	172	3589	0.40	ng		0.00
25) Fluoranthene-d10	18.80	212	35024	0.38	ng		0.00
29) Terphenyl-d14	19.42	244	6767	0.39	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.07	88	522	0.381	ng	#	87
3) n-Nitrosodimethylamine	3.38	42	357	0.403	ng	#	91
6) bis(2-Chloroethyl)ether	6.84	93	1095	0.443	ng	#	61
9) Naphthalene	10.17	128	14602	0.402	ng		99
10) Hexachlorobutadiene	10.46	225	645	0.390	ng		97
12) 2-Methylnaphthalene	11.80	142	2350	0.409	ng		98
16) Acenaphthylene	13.71	152	4230	0.379	ng		100
17) Acenaphthene	14.06	154	2877	0.395	ng		95
18) Fluorene	15.06	166	3964	0.387	ng	#	79
20) 4-Bromophenyl-phenylether	15.96	248	1498	0.401	ng		90
21) Hexachlorobenzene	16.07	284	1723	0.400	ng	#	83
22) Pentachlorophenol	16.45	266	368	0.441	ng		85
23) Phenanthrene	16.80	178	7805	0.391	ng		99
24) Anthracene	16.89	178	6452	0.389	ng		95
26) Fluoranthene	18.83	202	9231	0.386	ng		99
28) Pyrene	19.20	202	9356	0.402	ng		100
30) Benzo(a)anthracene	20.95	228	8034	0.382	ng		97
31) Chrysene	21.00	228	9968	0.405	ng		100
32) Bis(2-ethylhexyl)phthalate	20.89	149	10606	0.441	ng	#	100
33) Indeno(1,2,3-cd)pyrene	25.51	276	11328	0.436	ng	#	93
35) Benzo(b)fluoranthene	22.53	252	8379	0.371	ng	#	90
36) Benzo(k)fluoranthene	22.58	252	10641	0.398	ng		94
37) Benzo(a)pyrene	23.11	252	8758	0.392	ng		95
38) Dibenzo(a,h)anthracene	25.52	278	9174	0.391	ng	#	95
39) Benzo(g,h,i)perylene	26.20	276	8869	0.380	ng	#	90

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

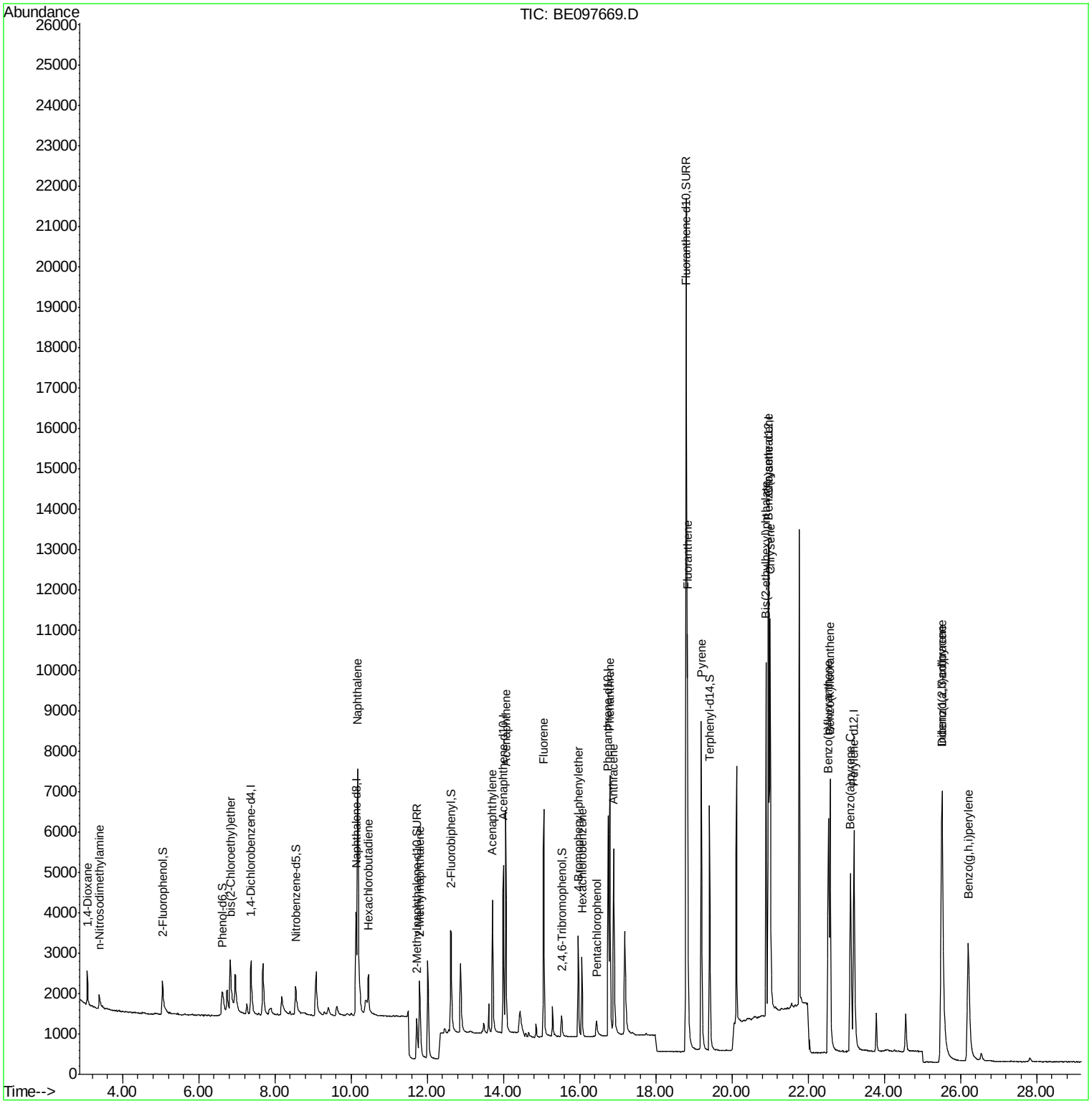
Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE092518\

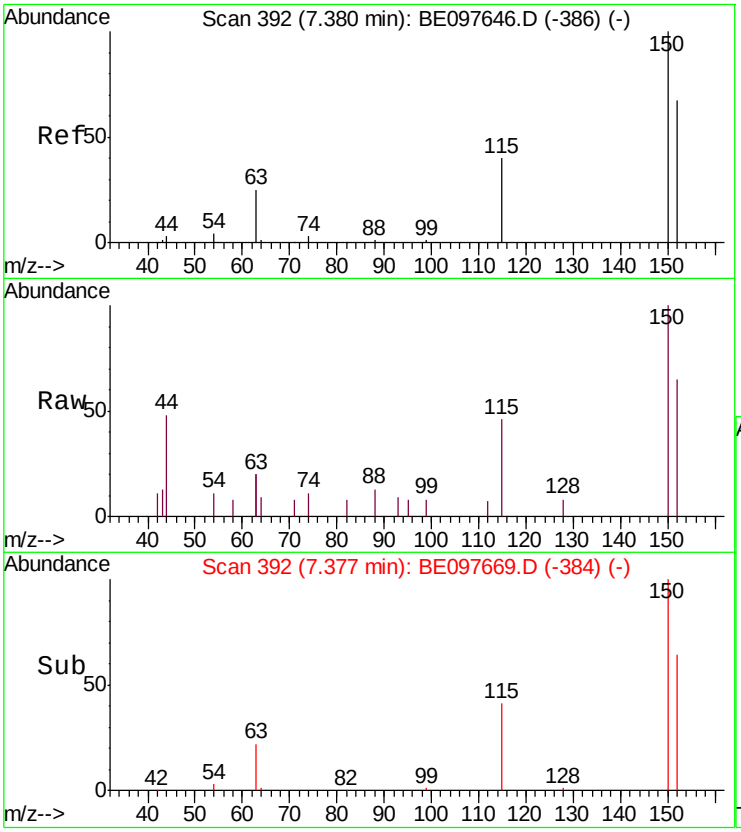
Quantitation Report (Not Reviewed)

Data File : BE097669.D
Acq On : 25 Sep 2018 22:13
Operator : SJ/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Quant Time: Sep 26 07:37:11 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



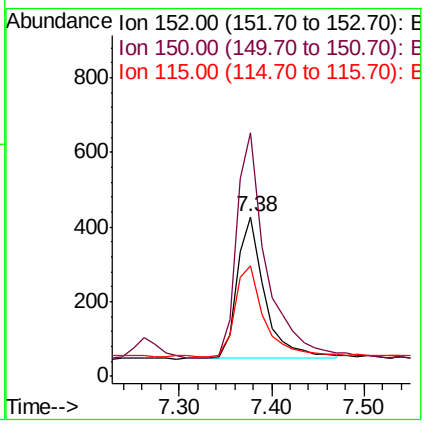


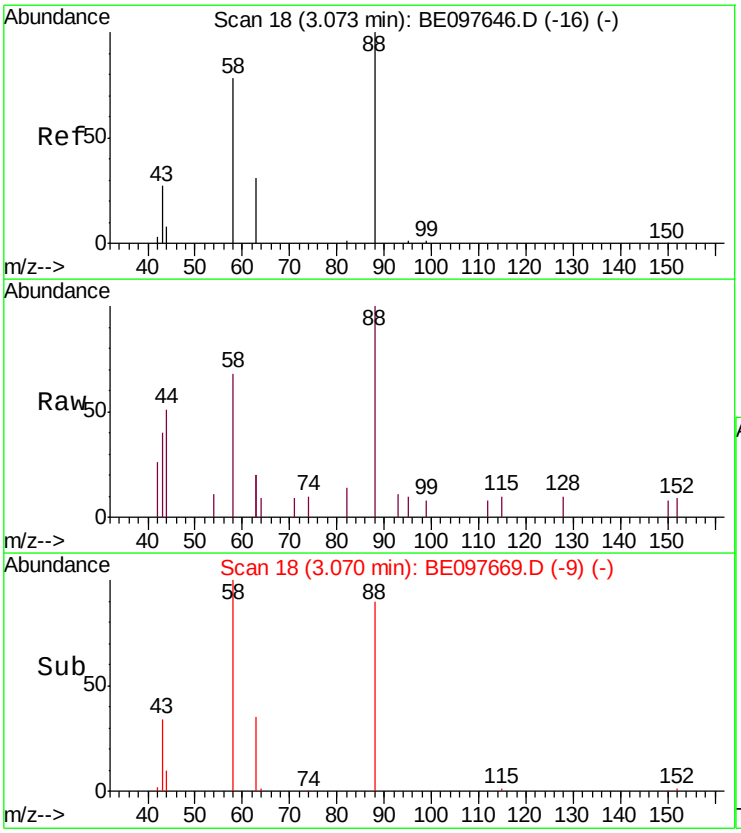
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.38 min Scan# 392
Delta R.T. -0.00 min
Lab File: BE097669.D
Acq: 25 Sep 2018 22:13

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:152 Resp: 792

Ion	Ratio	Lower	Upper
152	100		
150	152.7	117.2	175.8
115	69.6	57.0	85.6

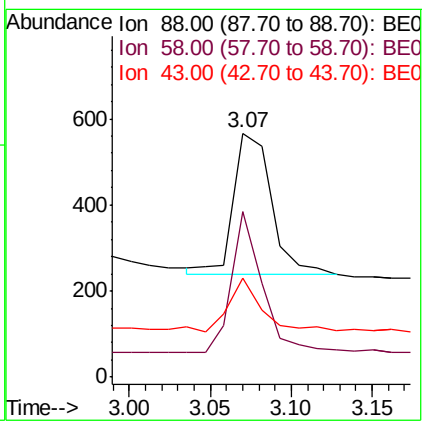


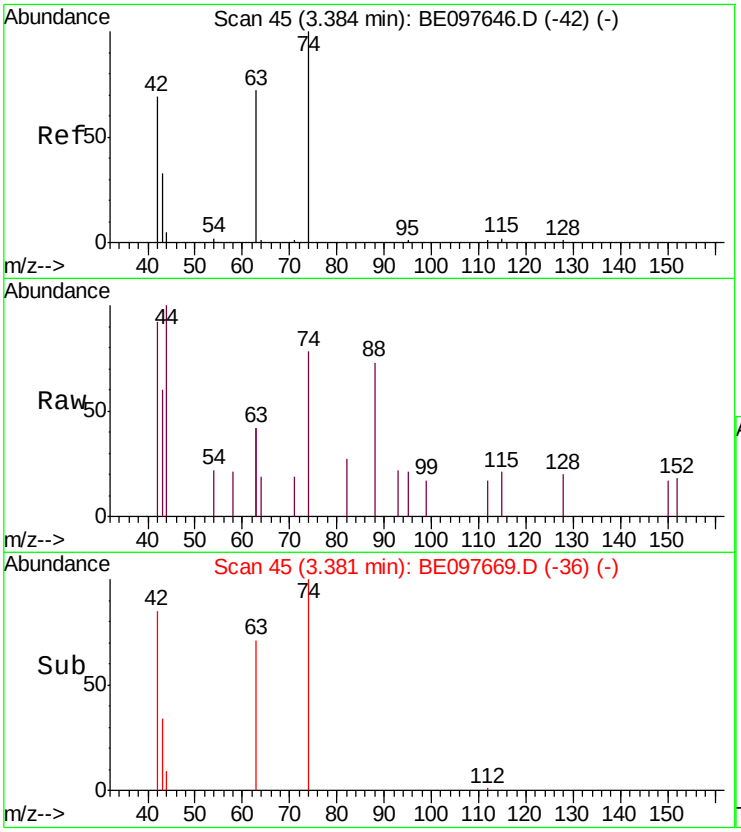


#2
1,4-Dioxane
Concen: 0.381 ng
RT: 3.07 min Scan# 18
Delta R.T. -0.00 min
Lab File: BE097669.D
Acq: 25 Sep 2018 22:13

Tgt Ion: 88 Resp: 522

Ion	Ratio	Lower	Upper
88	100		
58	83.0	63.2	94.8
43	32.6	41.2	61.8#



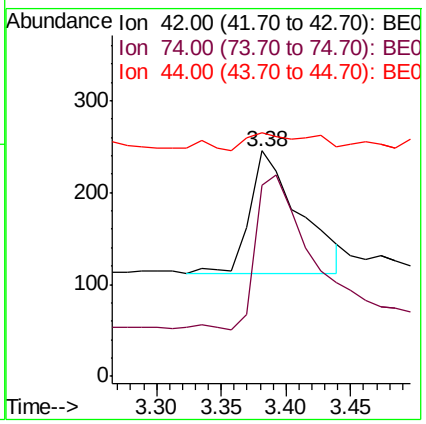


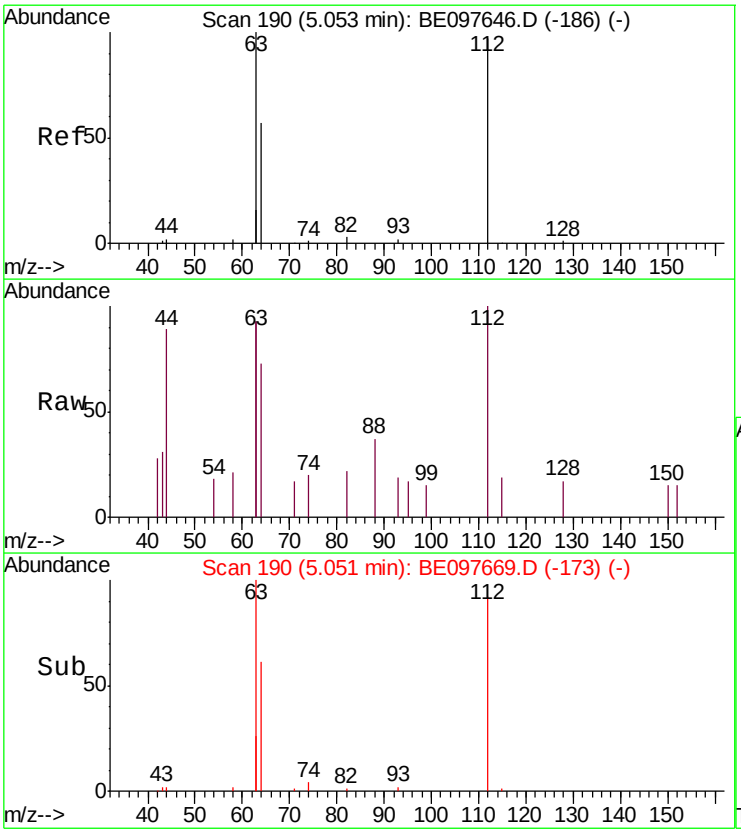
#3
n-Nitrosodimethylamine
Concen: 0.403 ng
RT: 3.38 min Scan# 45
Delta R.T. -0.00 min
Lab File: BE097669.D
Acq: 25 Sep 2018 22:13

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion: 42 Resp: 357

Ion	Ratio	Lower	Upper
42	100		
74	130.0	96.0	144.0
44	18.2	12.0	18.0#

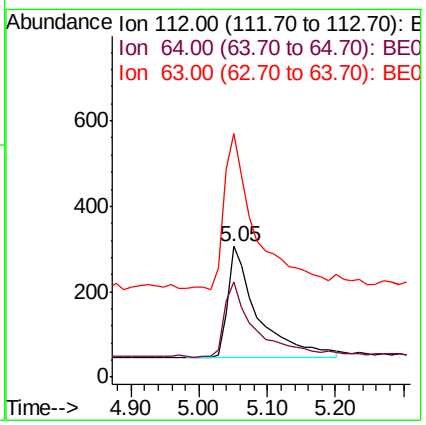


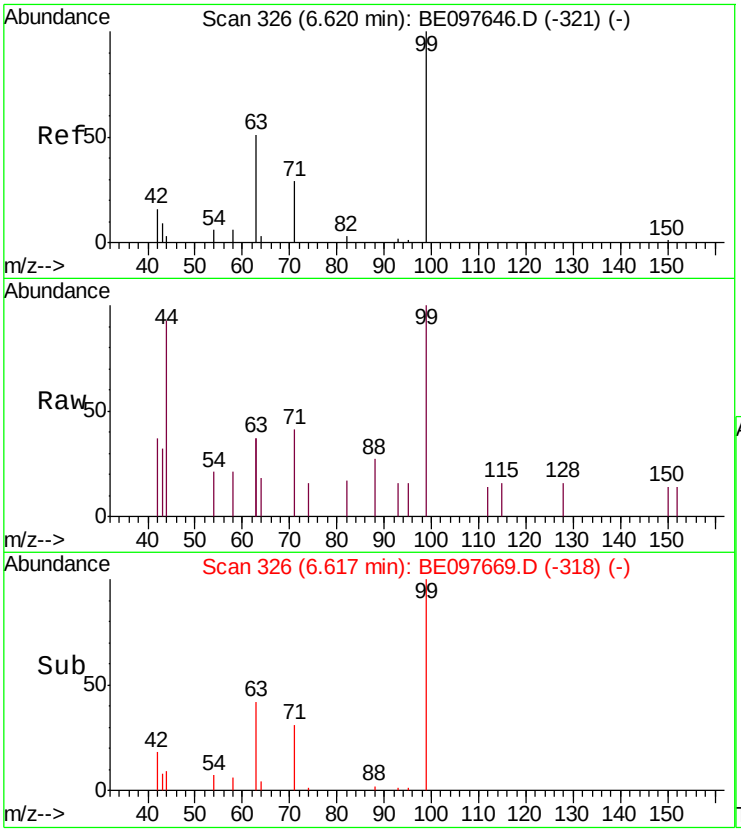


#4
2-Fluorophenol
Concen: 0.392 ng
RT: 5.05 min Scan# 190
Delta R.T. -0.00 min
Lab File: BE097669.D
Acq: 25 Sep 2018 22:13

Tgt Ion:112 Resp: 818

Ion	Ratio	Lower	Upper
112	100		
64	69.9	60.1	90.1
63	142.9	116.8	175.2



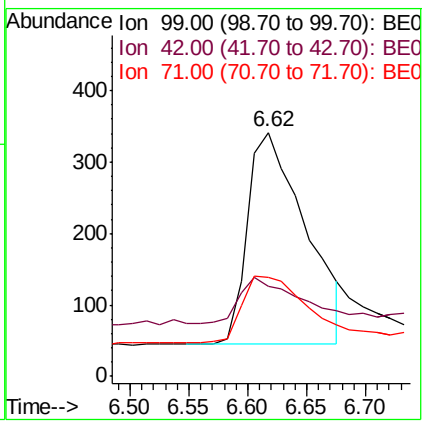


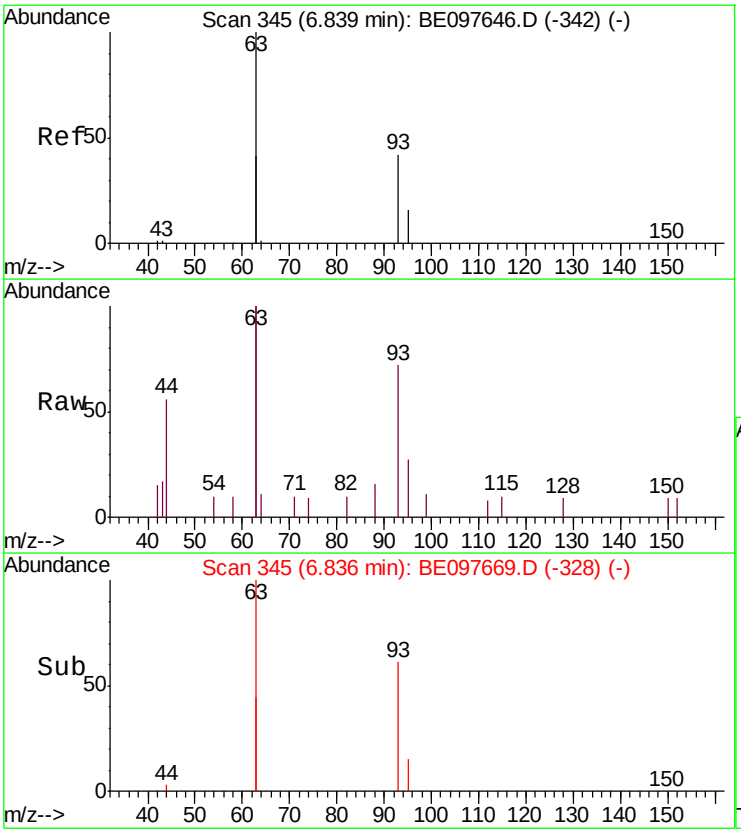
#5
Phenol-d6
Concen: 0.342 ng
RT: 6.62 min Scan# 326
Delta R.T. -0.00 min
Lab File: BE097669.D
Acq: 25 Sep 2018 22:13

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion: 99 Resp: 1008

Ion	Ratio	Lower	Upper
99	100		
42	21.4	20.2	30.2
71	34.1	28.4	42.6

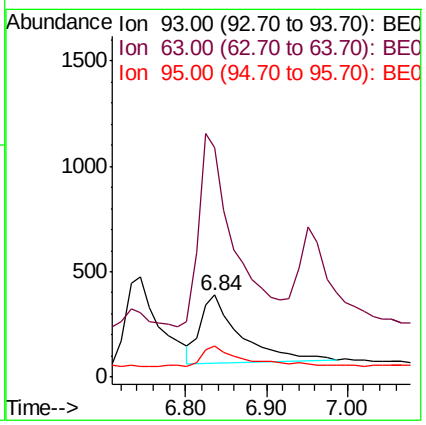


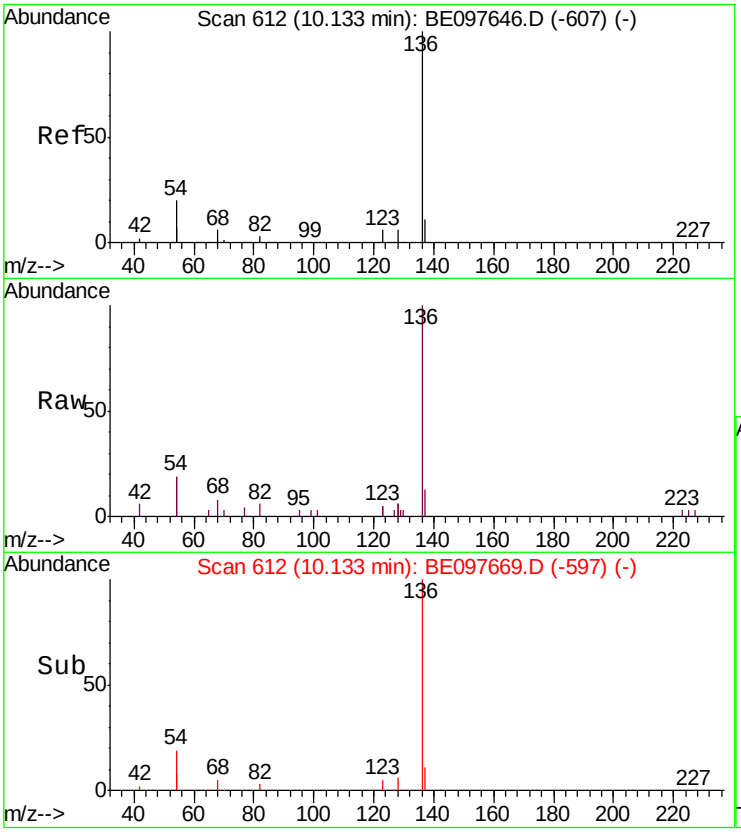


#6
bis(2-Chloroethyl)ether
Concen: 0.443 ng
RT: 6.84 min Scan# 345
Delta R.T. -0.00 min
Lab File: BE097669.D
Acq: 25 Sep 2018 22:13

Tgt Ion: 93 Resp: 1095

Ion	Ratio	Lower	Upper
93	100		
63	253.9	275.3	412.9#
95	30.6	25.2	37.8



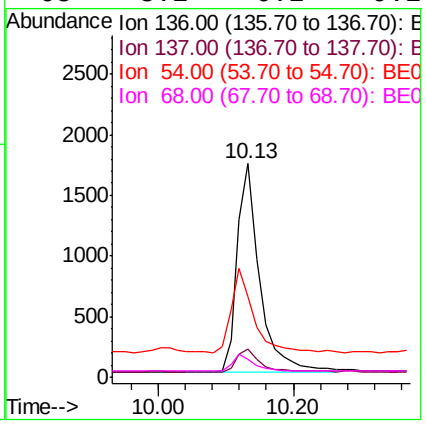


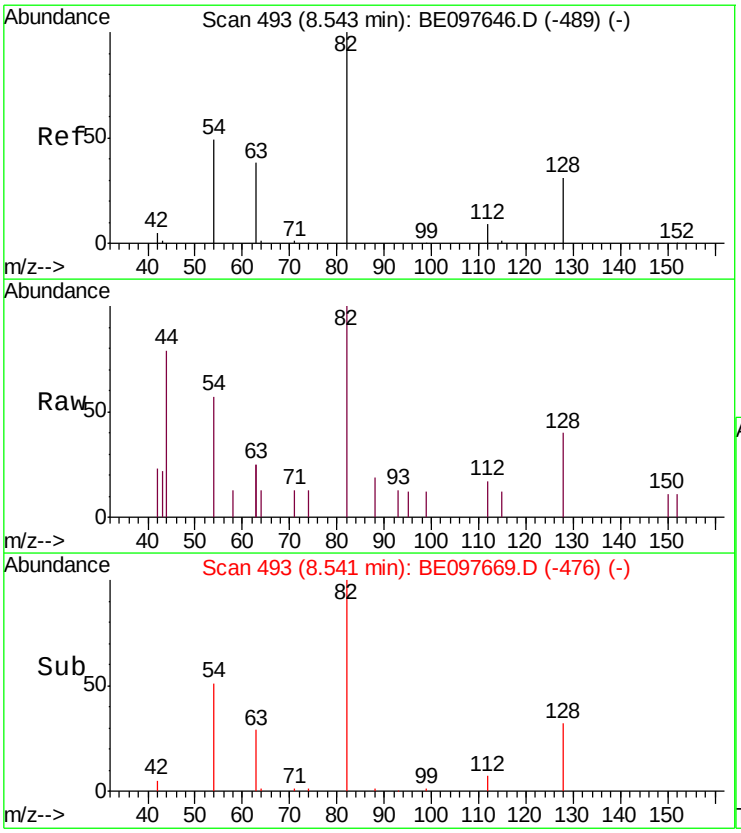
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.13 min Scan# 612
Delta R.T. -0.00 min
Lab File: BE097669.D
Acq: 25 Sep 2018 22:13

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:136 Resp: 3996

Ion	Ratio	Lower	Upper
136	100		
137	13.3	9.5	14.3
54	37.8	29.1	43.7
68	8.2	6.2	9.2

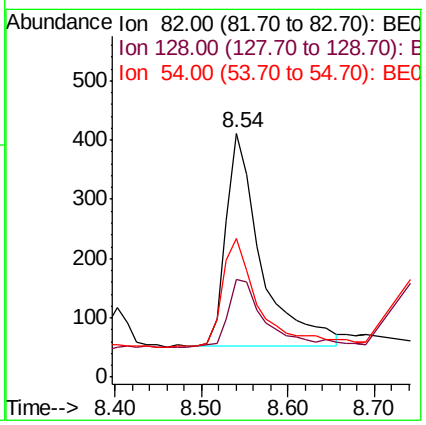


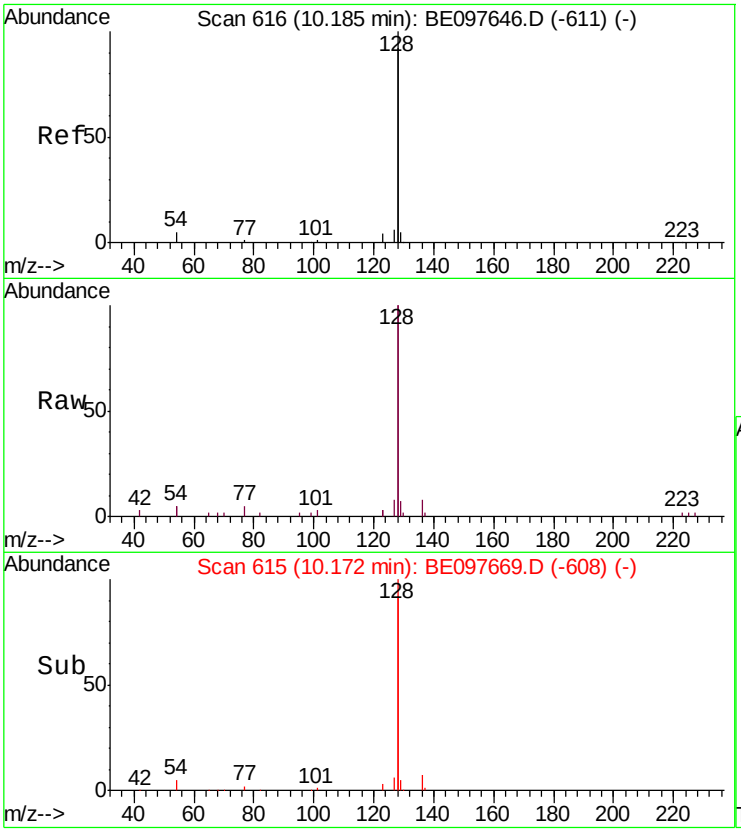


#8
Nitrobenzene-d5
Concen: 0.412 ng
RT: 8.54 min Scan# 493
Delta R.T. -0.00 min
Lab File: BE097669.D
Acq: 25 Sep 2018 22:13

Tgt Ion: 82 Resp: 1010

Ion	Ratio	Lower	Upper
82	100		
128	39.9	24.0	36.0#
54	56.9	40.0	60.0



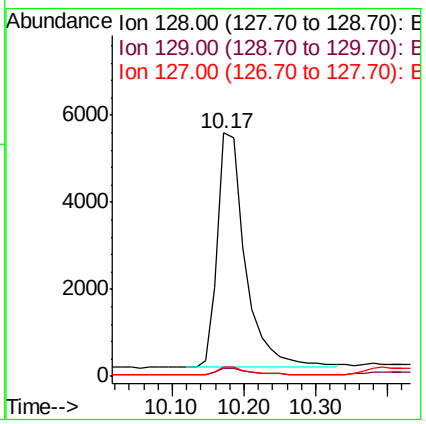


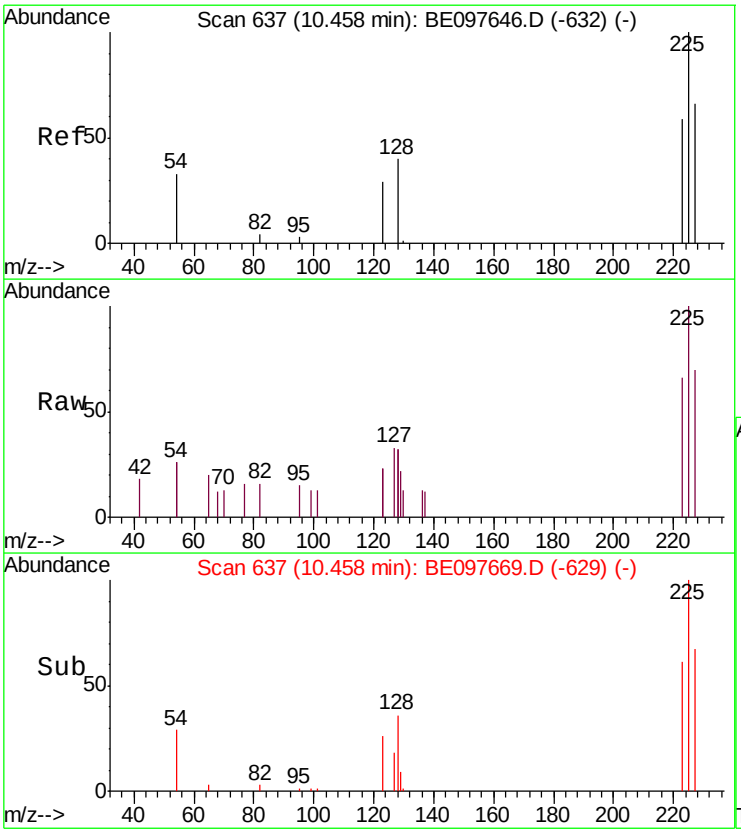
#9
Naphthalene
Concen: 0.402 ng
RT: 10.17 min Scan# 615
Delta R.T. -0.01 min
Lab File: BE097669.D
Acq: 25 Sep 2018 22:13

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:128 Resp: 14602

Ion	Ratio	Lower	Upper
128	100		
129	3.4	2.6	3.8
127	4.0	2.8	4.2

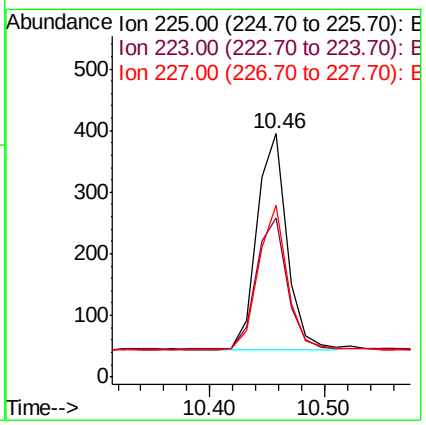


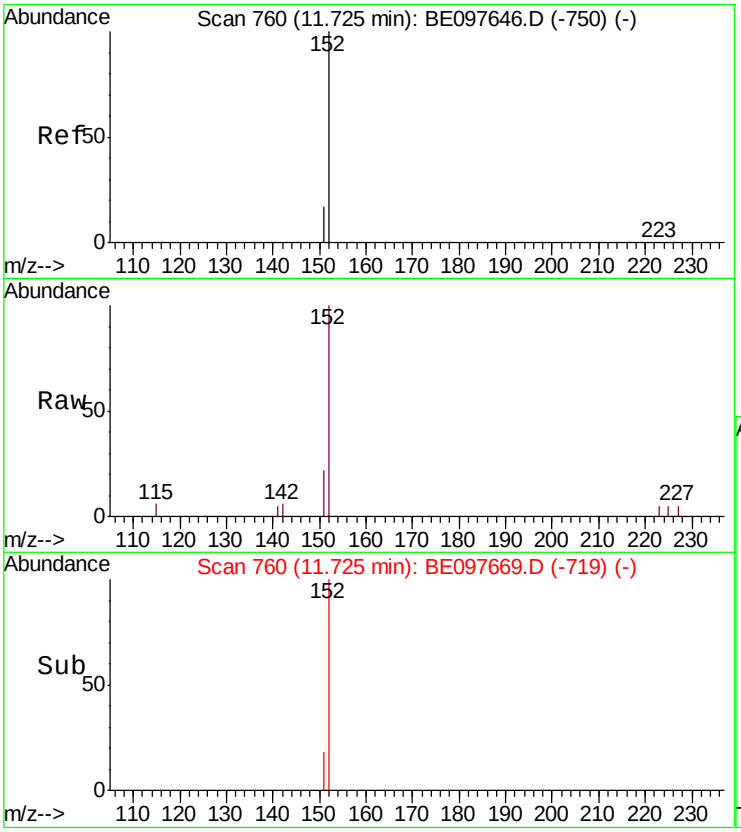


#10
Hexachlorobutadiene
Concen: 0.390 ng
RT: 10.46 min Scan# 637
Delta R.T. -0.00 min
Lab File: BE097669.D
Acq: 25 Sep 2018 22:13

Tgt Ion:225 Resp: 645

Ion	Ratio	Lower	Upper
225	100		
223	61.6	53.0	79.6
227	64.3	51.4	77.2



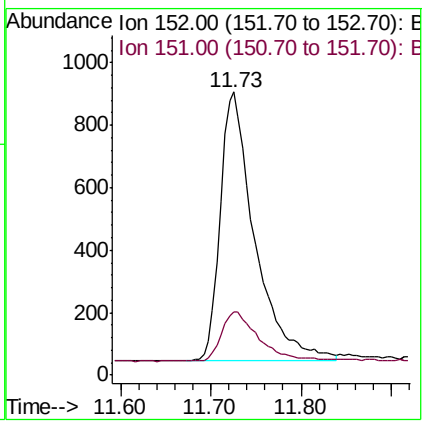


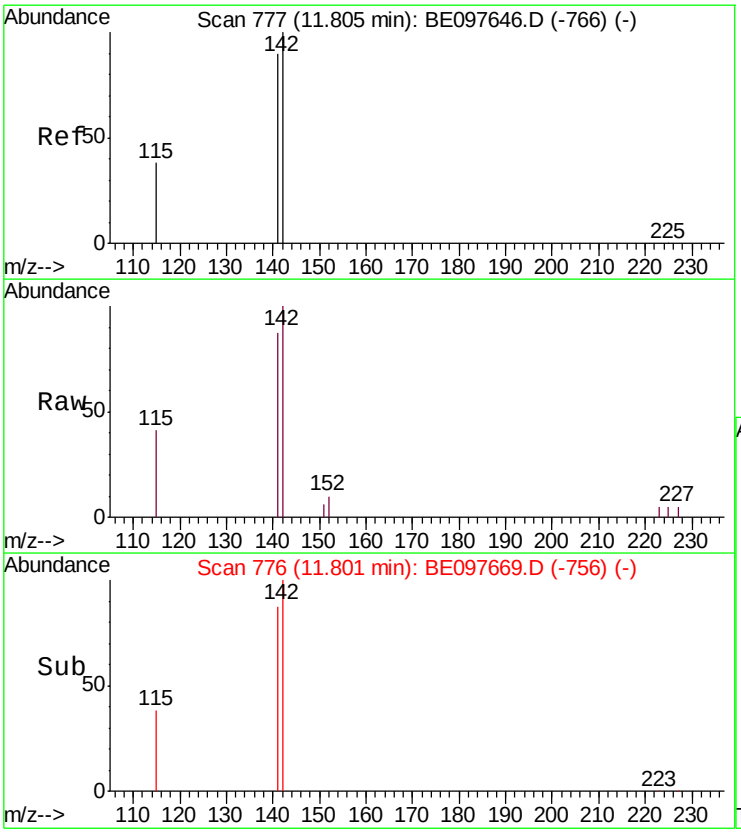
#11
2-Methylnaphthalene-d10
Concen: 0.386 ng
RT: 11.73 min Scan# 760
Delta R.T. 0.00 min
Lab File: BE097669.D
Acq: 25 Sep 2018 22:13

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:152 Resp: 2283

Ion	Ratio	Lower	Upper
152	100		
151	19.9	15.4	23.0

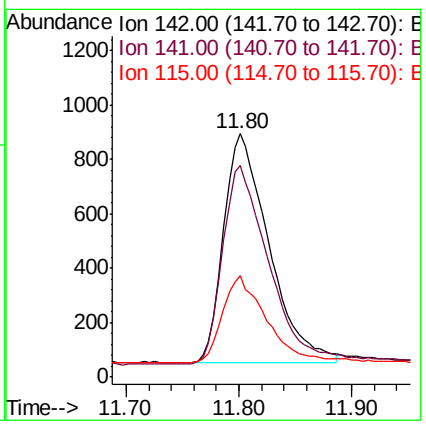


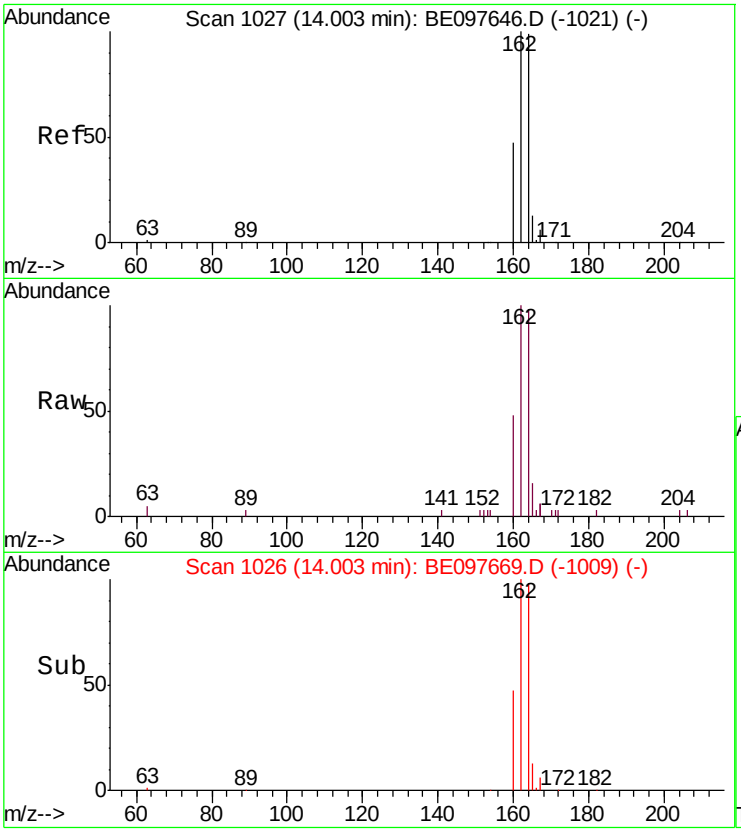


#12
2-Methylnaphthalene
Concen: 0.409 ng
RT: 11.80 min Scan# 776
Delta R.T. -0.00 min
Lab File: BE097669.D
Acq: 25 Sep 2018 22:13

Tgt Ion:142 Resp: 2350

Ion	Ratio	Lower	Upper
142	100		
141	86.8	70.4	105.6
115	41.5	31.7	47.5



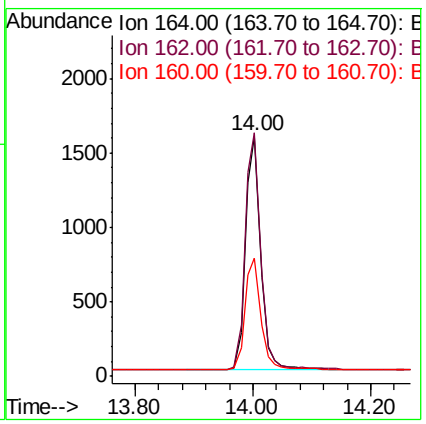


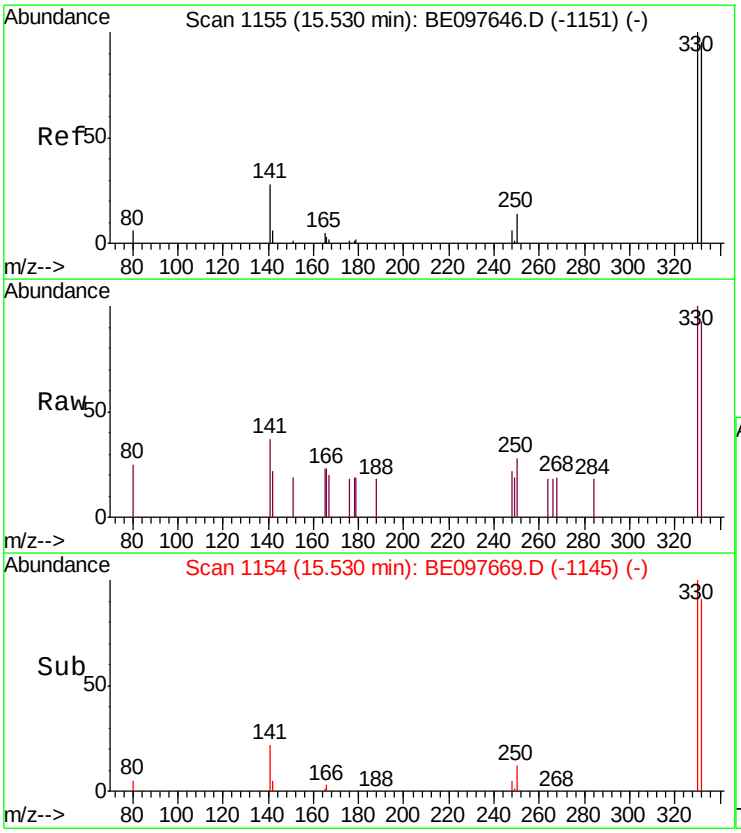
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.00 min Scan# 1026
Delta R.T. -0.00 min
Lab File: BE097669.D
Acq: 25 Sep 2018 22:13

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:164 Resp: 2774

Ion	Ratio	Lower	Upper
164	100		
162	101.6	83.1	124.7
160	49.1	37.1	55.7

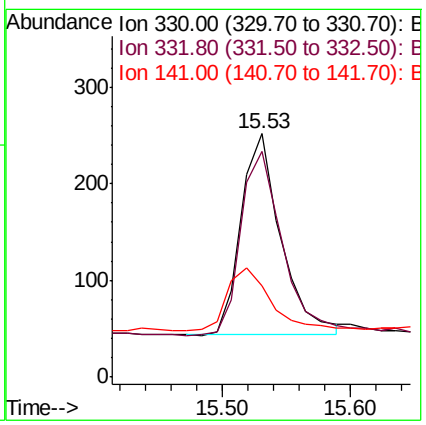


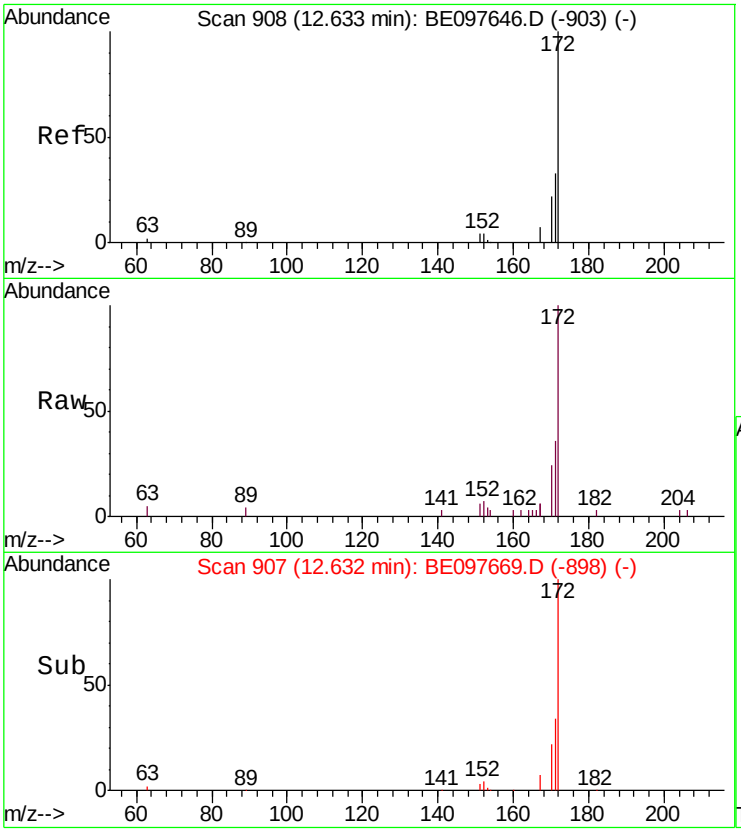


#14
2,4,6-Tribromophenol
Concen: 0.405 ng
RT: 15.53 min Scan# 1154
Delta R.T. 0.00 min
Lab File: BE097669.D
Acq: 25 Sep 2018 22:13

Tgt Ion:330 Resp: 451

Ion	Ratio	Lower	Upper
330	100		
332	96.2	152.7	229.1#
141	33.9	33.7	50.5



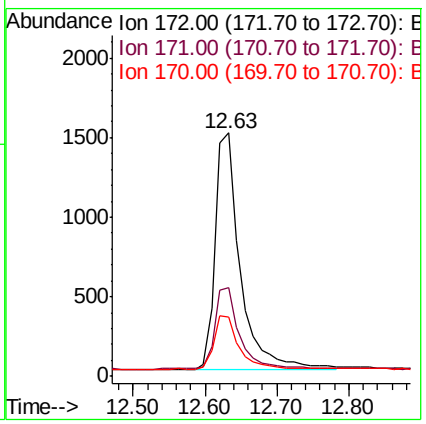


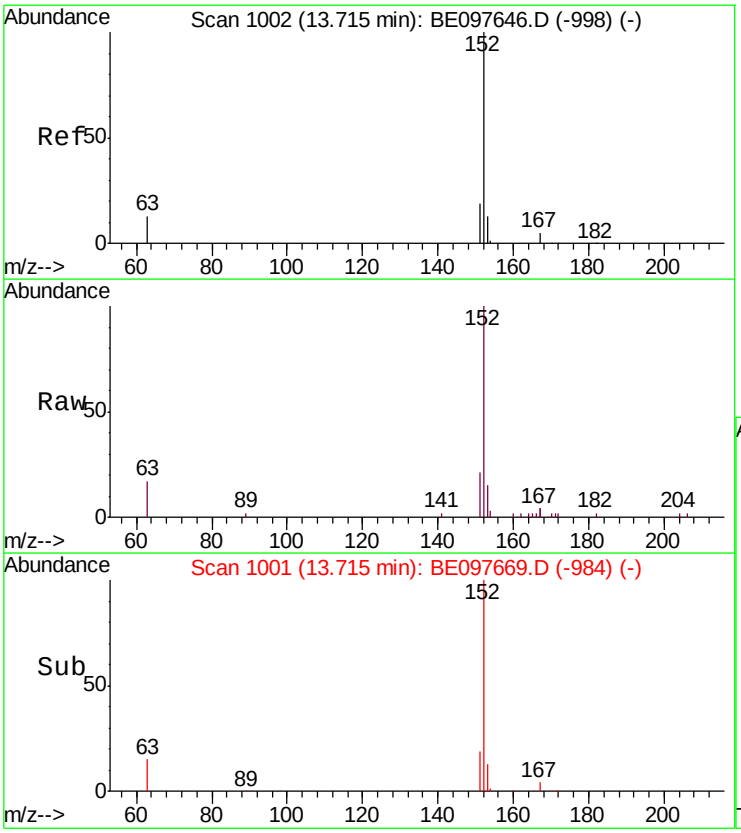
#15
2-Fluorobiphenyl
Concen: 0.396 ng
RT: 12.63 min Scan# 907
Delta R.T. -0.00 min
Lab File: BE097669.D
Acq: 25 Sep 2018 22:13

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:172 Resp: 3589

Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.9	44.9
170	24.3	21.8	32.8

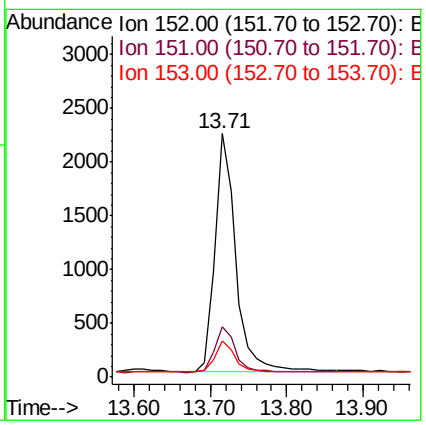


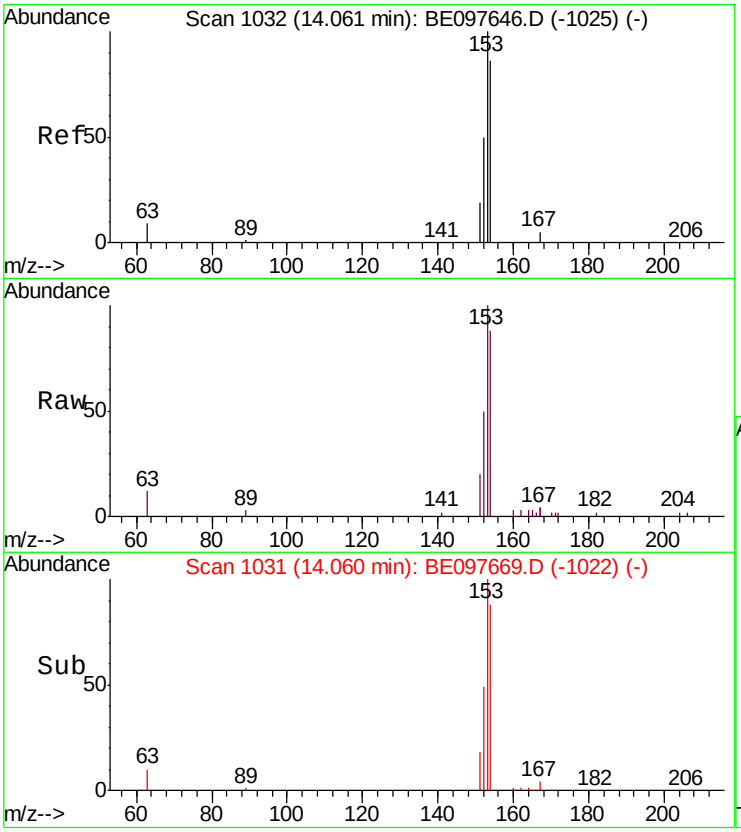


#16
Acenaphthylene
Concen: 0.379 ng
RT: 13.71 min Scan# 1001
Delta R.T. -0.00 min
Lab File: BE097669.D
Acq: 25 Sep 2018 22:13

Tgt Ion:152 Resp: 4230

Ion	Ratio	Lower	Upper
152	100		
151	19.5	15.7	23.5
153	13.0	10.5	15.7



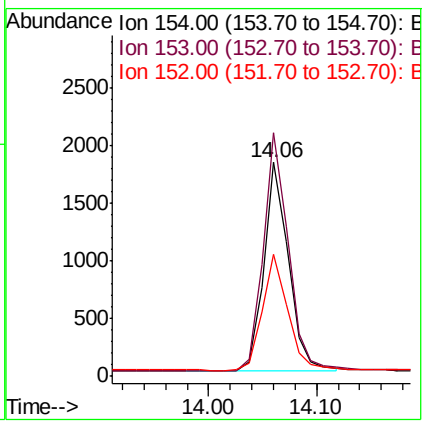


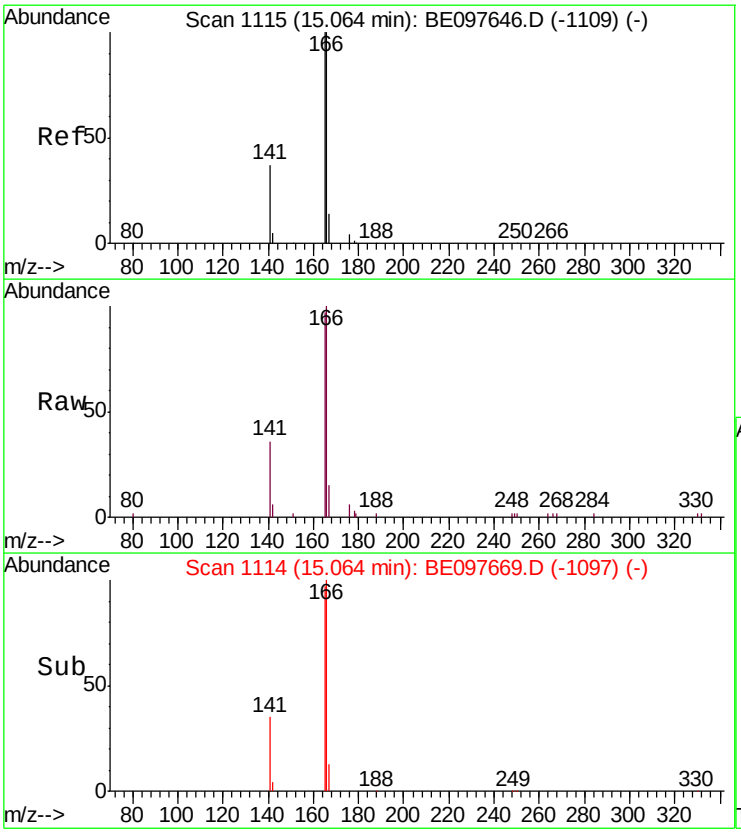
#17
Acenaphthene
Concen: 0.395 ng
RT: 14.06 min Scan# 1031
Delta R.T. -0.00 min
Lab File: BE097669.D
Acq: 25 Sep 2018 22:13

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:154 Resp: 2877

Ion	Ratio	Lower	Upper
154	100		
153	116.1	89.2	133.8
152	57.3	42.0	63.0

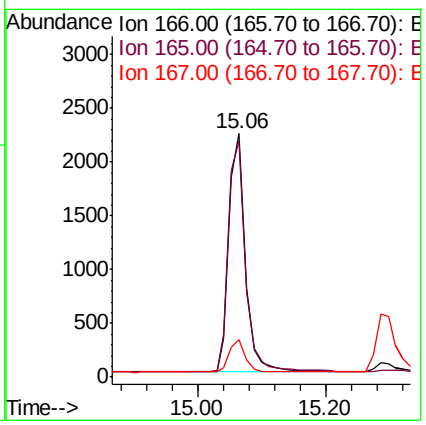


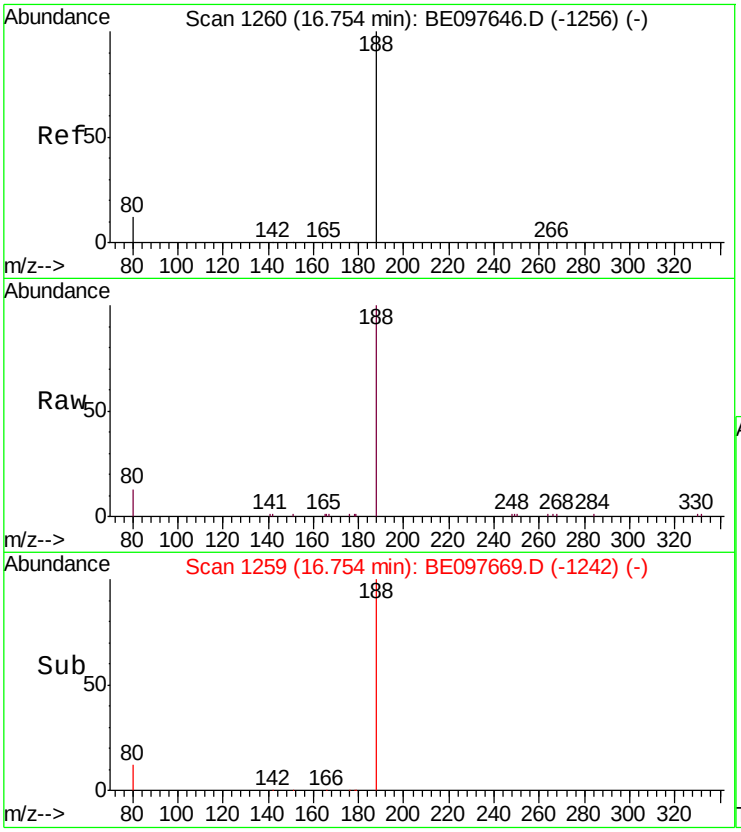


#18
Fluorene
Concen: 0.387 ng
RT: 15.06 min Scan# 1114
Delta R.T. 0.00 min
Lab File: BE097669.D
Acq: 25 Sep 2018 22:13

Tgt Ion:166 Resp: 3964

Ion	Ratio	Lower	Upper
166	100		
165	99.9	77.8	116.6
167	13.5	42.4	63.6#



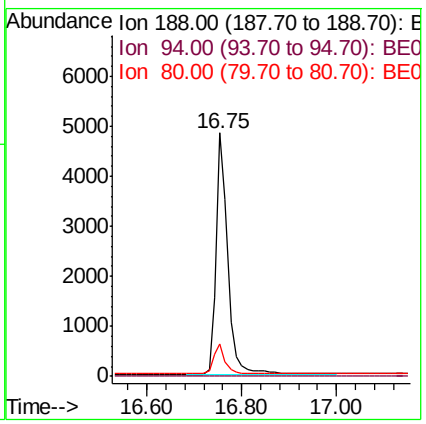


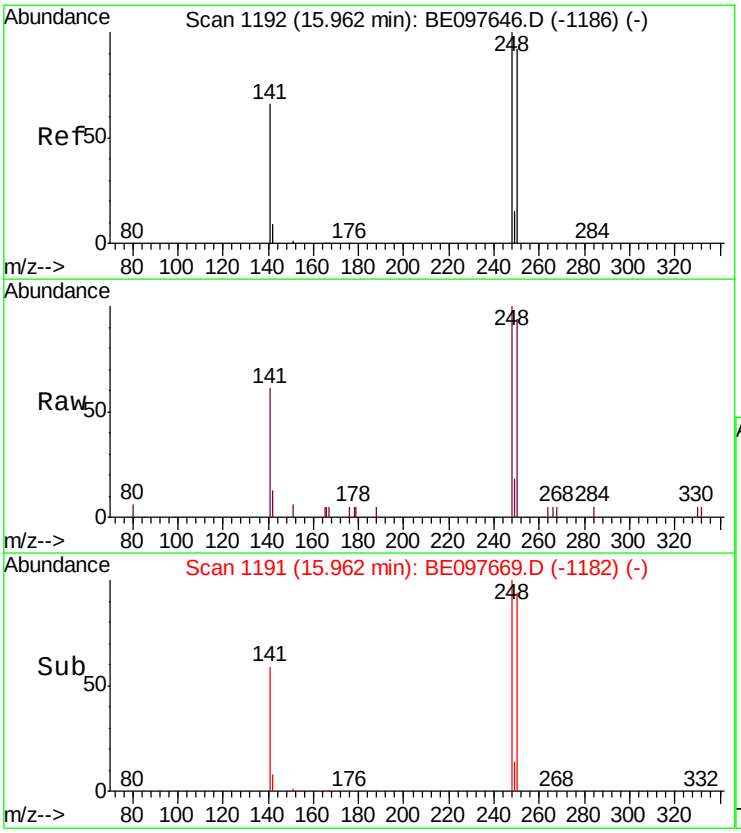
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.75 min Scan# 1259
Delta R.T. 0.00 min
Lab File: BE097669.D
Acq: 25 Sep 2018 22:13

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:188 Resp: 8430

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

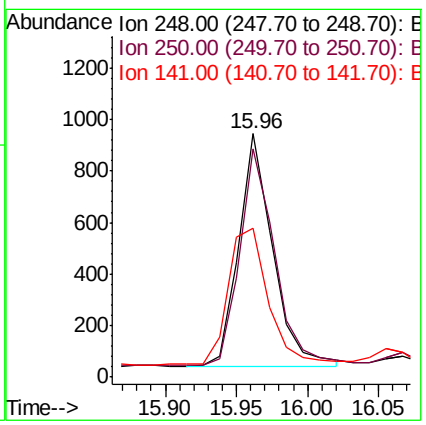


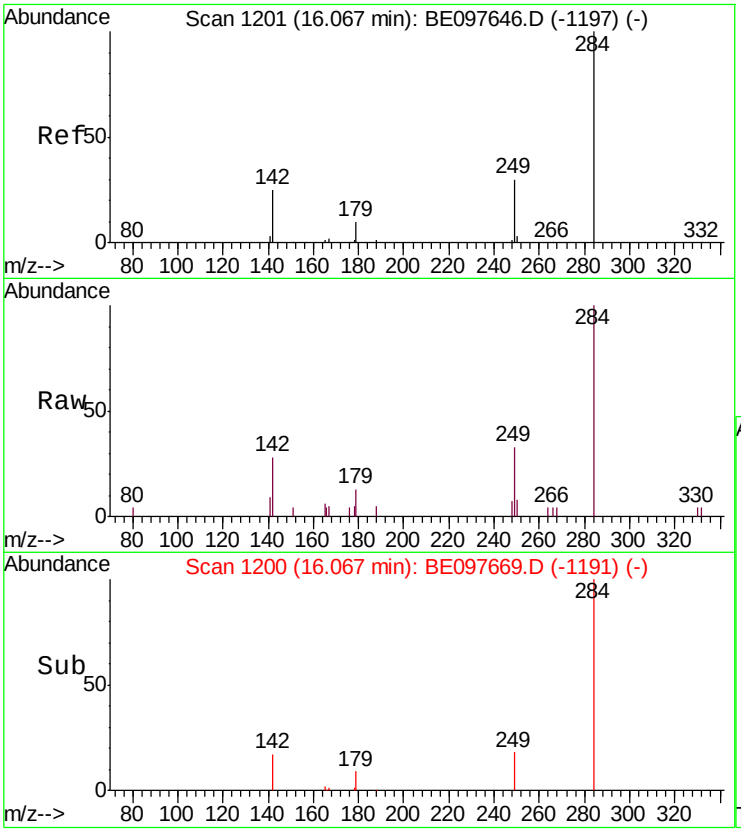


#20
4-Bromophenyl-phenylether
Concen: 0.401 ng
RT: 15.96 min Scan# 1191
Delta R.T. 0.00 min
Lab File: BE097669.D
Acq: 25 Sep 2018 22:13

Tgt Ion:248 Resp: 1498

Ion	Ratio	Lower	Upper
248	100		
250	93.8	62.7	94.1
141	61.1	48.2	72.2



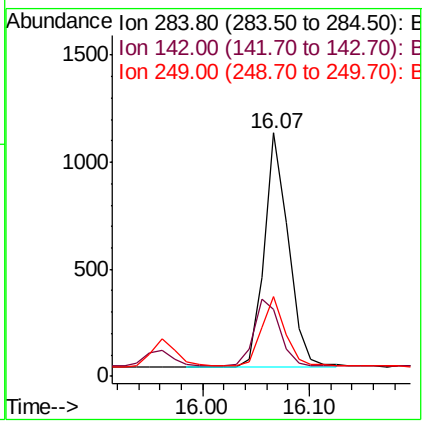


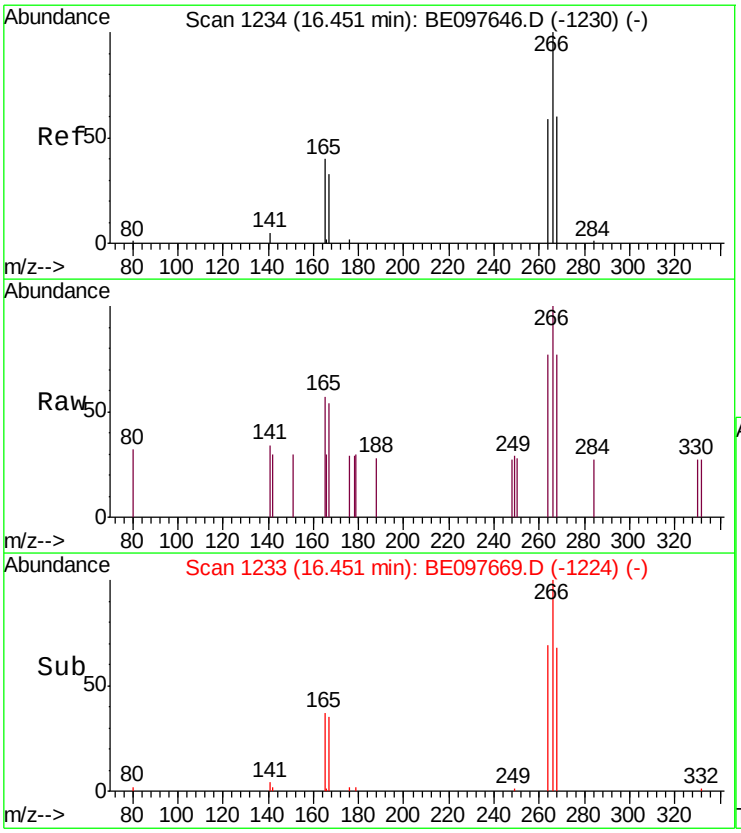
#21
Hexachlorobenzene
Concen: 0.400 ng
RT: 16.07 min Scan# 1200
Delta R.T. 0.00 min
Lab File: BE097669.D
Acq: 25 Sep 2018 22:13

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:284 Resp: 1723

Ion	Ratio	Lower	Upper
284	100		
142	31.3	22.1	33.1
249	29.0	34.8	52.2#

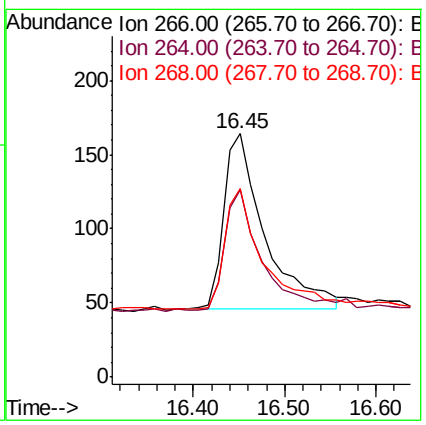


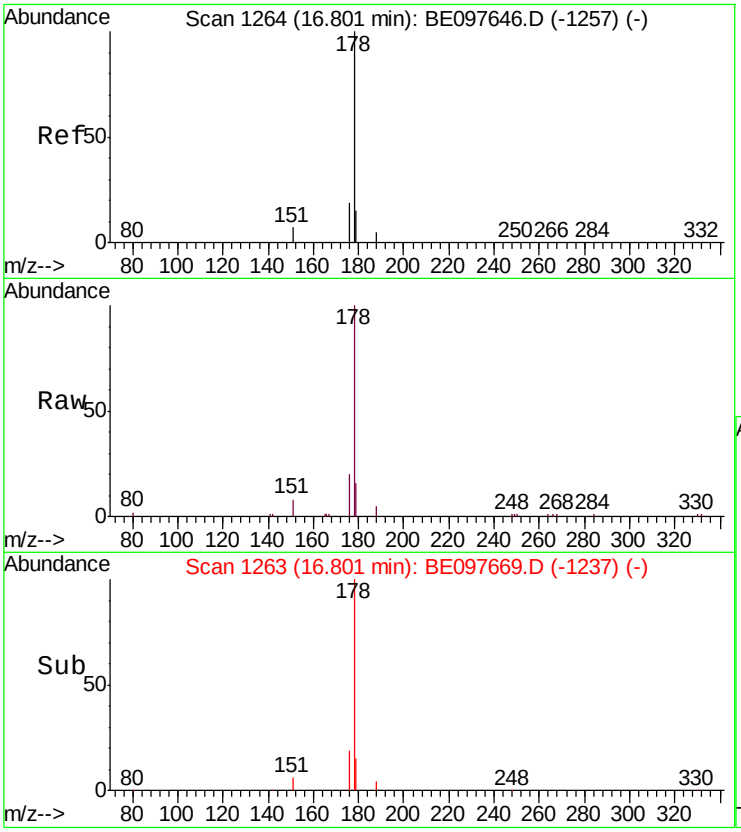


#22
Pentachlorophenol
Concen: 0.441 ng
RT: 16.45 min Scan# 1233
Delta R.T. 0.00 min
Lab File: BE097669.D
Acq: 25 Sep 2018 22:13

Tgt Ion:266 Resp: 368

Ion	Ratio	Lower	Upper
266	100		
264	76.8	72.5	108.7
268	77.4	73.8	110.6



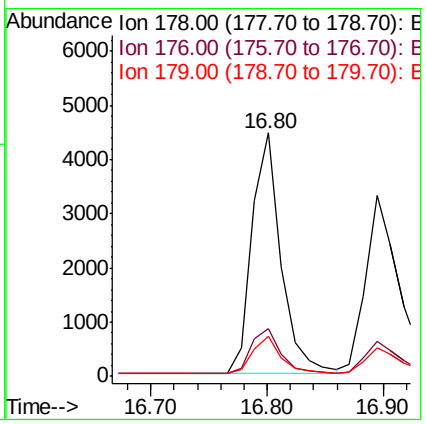


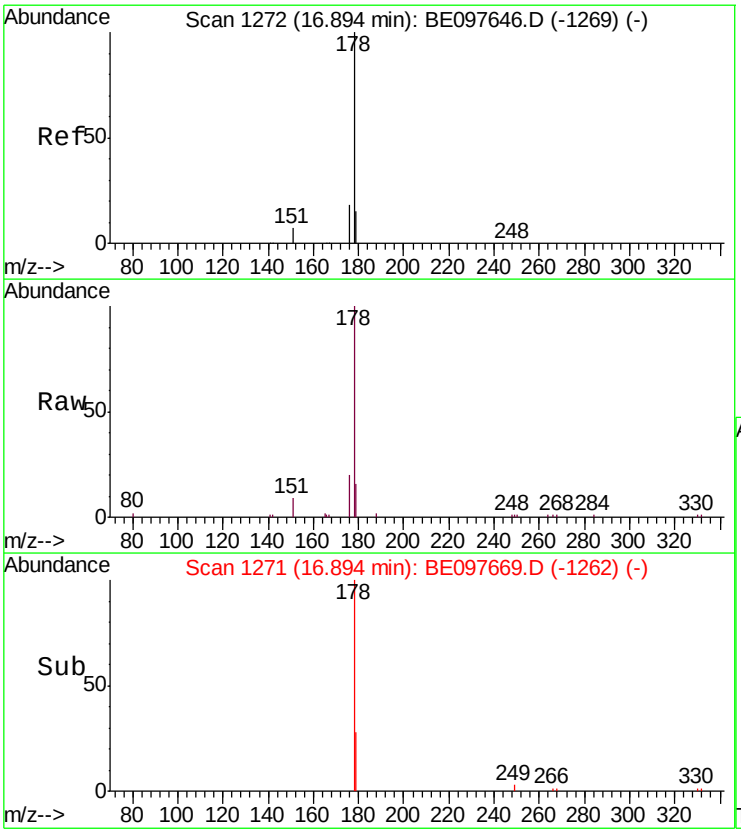
#23
Phenanthrene
Concen: 0.391 ng
RT: 16.80 min Scan# 1263
Delta R.T. 0.00 min
Lab File: BE097669.D
Acq: 25 Sep 2018 22:13

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:178 Resp: 7805

Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.1	22.7
179	15.3	11.8	17.6

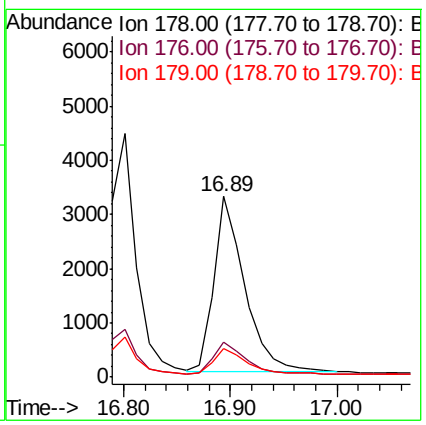


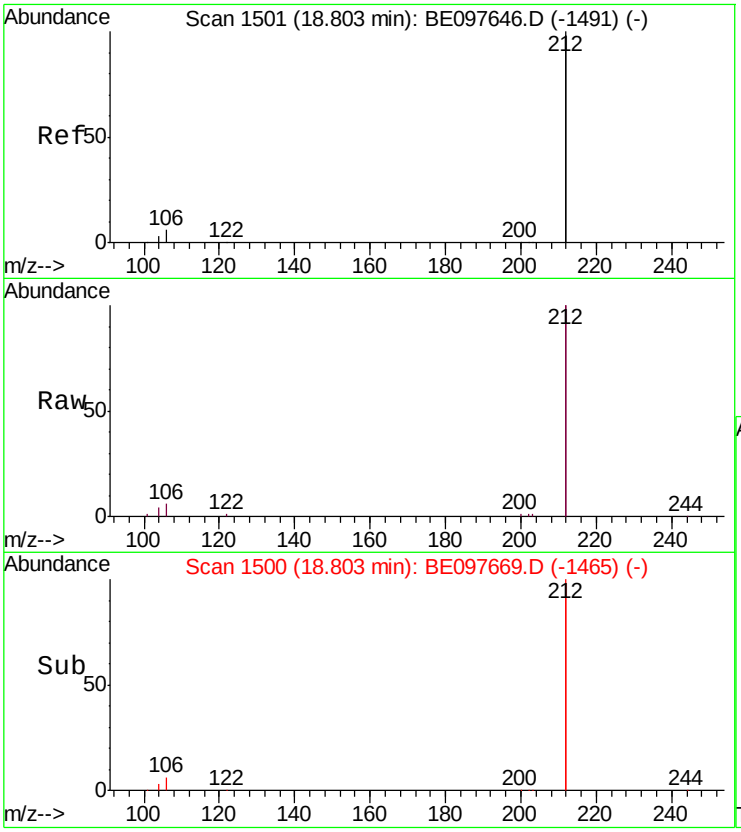


#24
Anthracene
Concen: 0.389 ng
RT: 16.89 min Scan# 1271
Delta R.T. 0.00 min
Lab File: BE097669.D
Acq: 25 Sep 2018 22:13

Tgt Ion:178 Resp: 6452

Ion	Ratio	Lower	Upper
178	100		
176	18.6	12.8	19.2
179	14.9	13.0	19.6



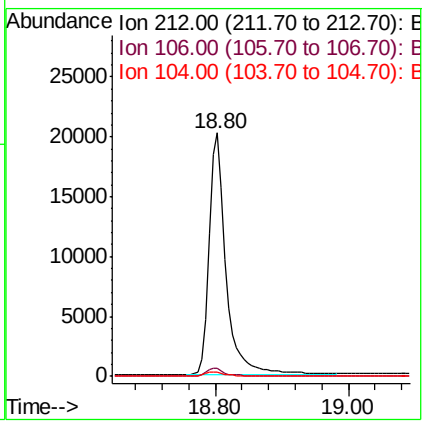


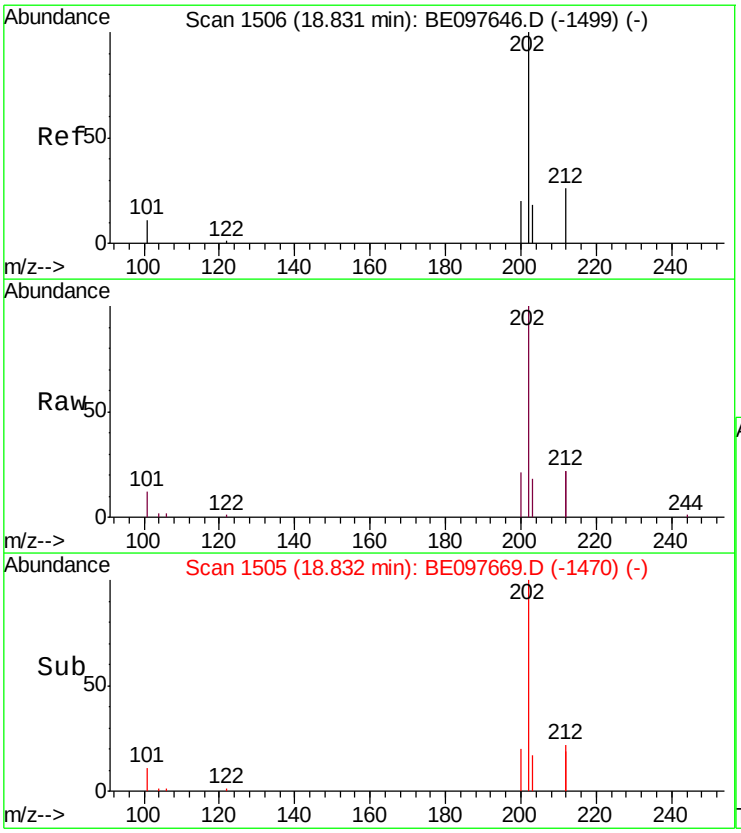
#25
Fluoranthene-d10
Concen: 0.381 ng
RT: 18.80 min Scan# 1500
Delta R.T. 0.00 min
Lab File: BE097669.D
Acq: 25 Sep 2018 22:13

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:212 Resp: 35024

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

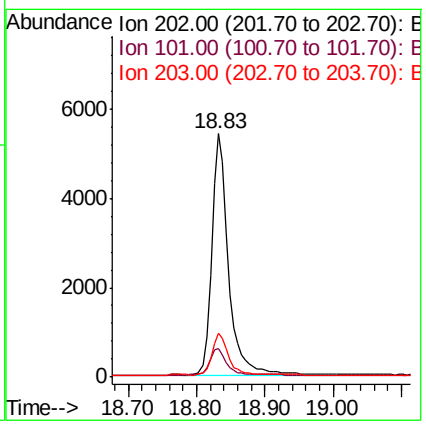


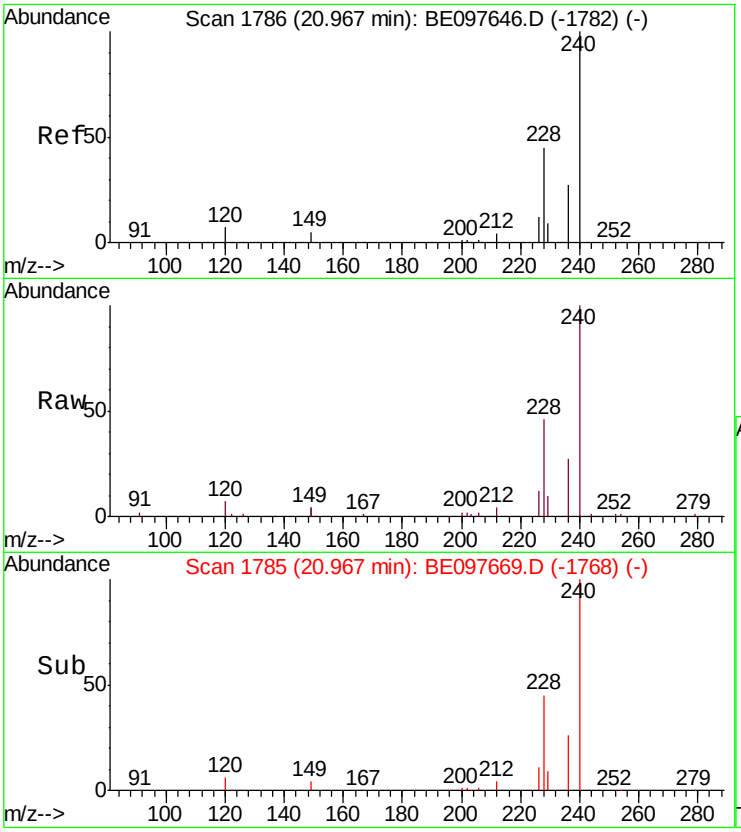


#26
Fluoranthene
Concen: 0.386 ng
RT: 18.83 min Scan# 1505
Delta R.T. 0.00 min
Lab File: BE097669.D
Acq: 25 Sep 2018 22:13

Tgt Ion:202 Resp: 9231

Ion	Ratio	Lower	Upper
202	100		
101	11.3	9.8	14.8
203	16.9	13.7	20.5



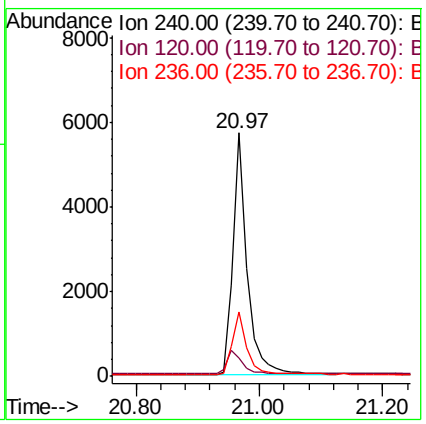


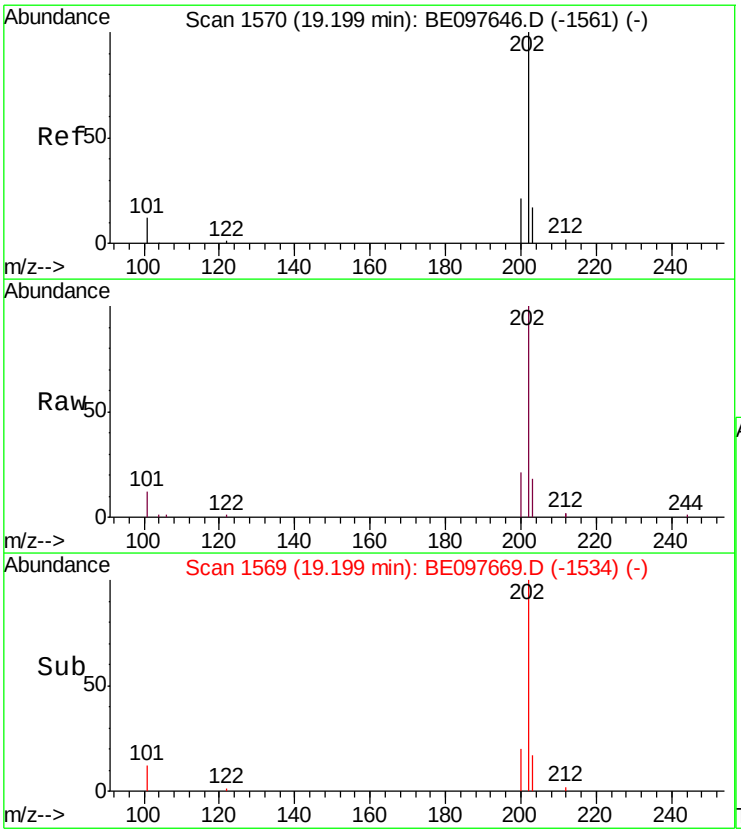
#27
Chrysene-d12
Concen: 0.400 ng
RT: 20.97 min Scan# 1785
Delta R.T. 0.00 min
Lab File: BE097669.D
Acq: 25 Sep 2018 22:13

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:240 Resp: 8909

Ion	Ratio	Lower	Upper
240	100		
120	7.4	5.5	8.3
236	26.6	20.7	31.1

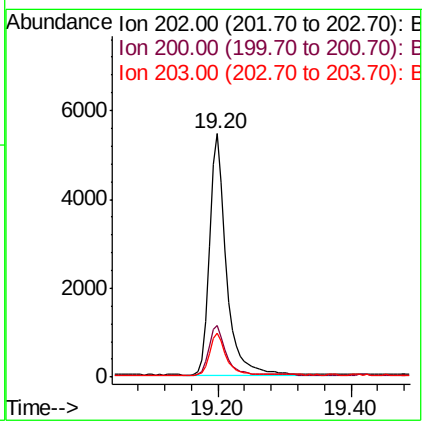


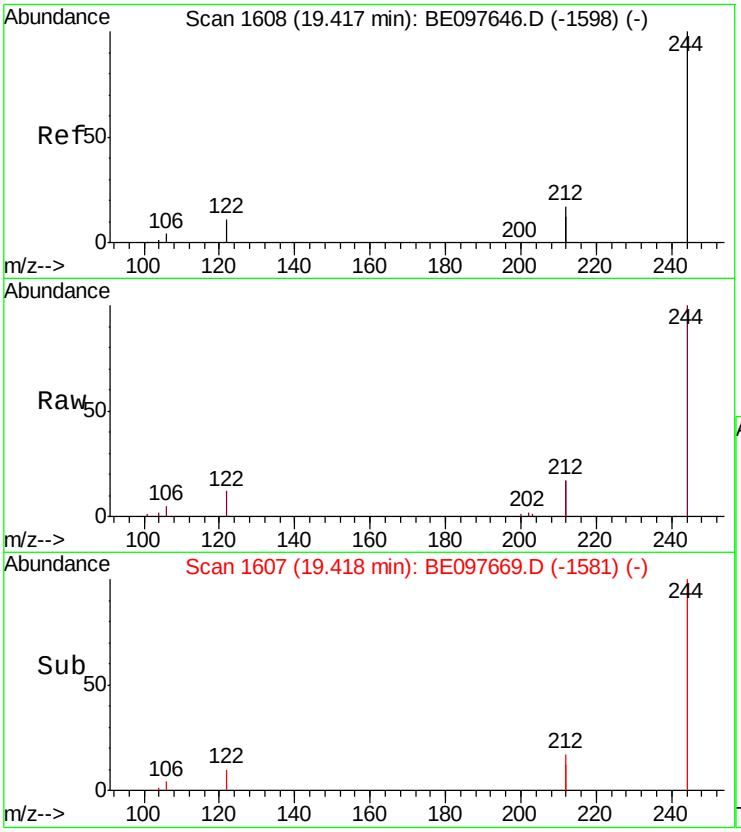


#28
Pyrene
Concen: 0.402 ng
RT: 19.20 min Scan# 1569
Delta R.T. 0.00 min
Lab File: BE097669.D
Acq: 25 Sep 2018 22:13

Tgt Ion:202 Resp: 9356

Ion	Ratio	Lower	Upper
202	100		
200	21.0	16.6	25.0
203	17.3	13.8	20.8



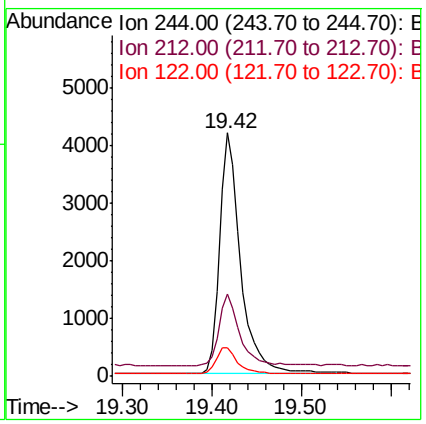


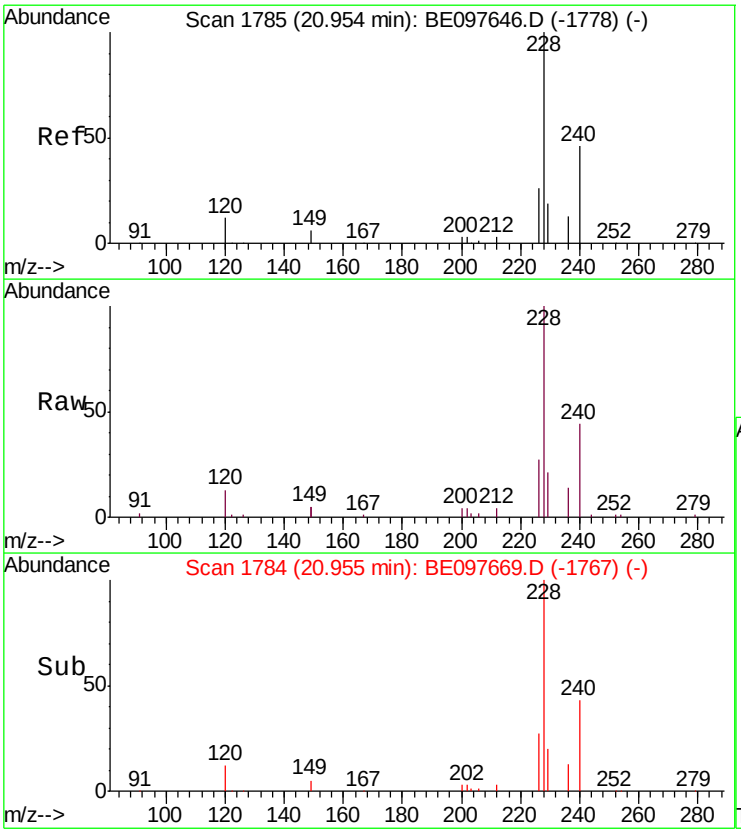
#29
Terphenyl-d14
Concen: 0.386 ng
RT: 19.42 min Scan# 1607
Delta R.T. 0.00 min
Lab File: BE097669.D
Acq: 25 Sep 2018 22:13

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:244 Resp: 6767

Ion	Ratio	Lower	Upper
244	100		
212	33.6	25.4	38.0
122	11.6	8.1	12.1

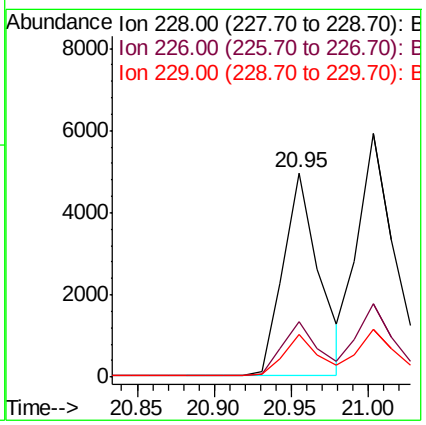


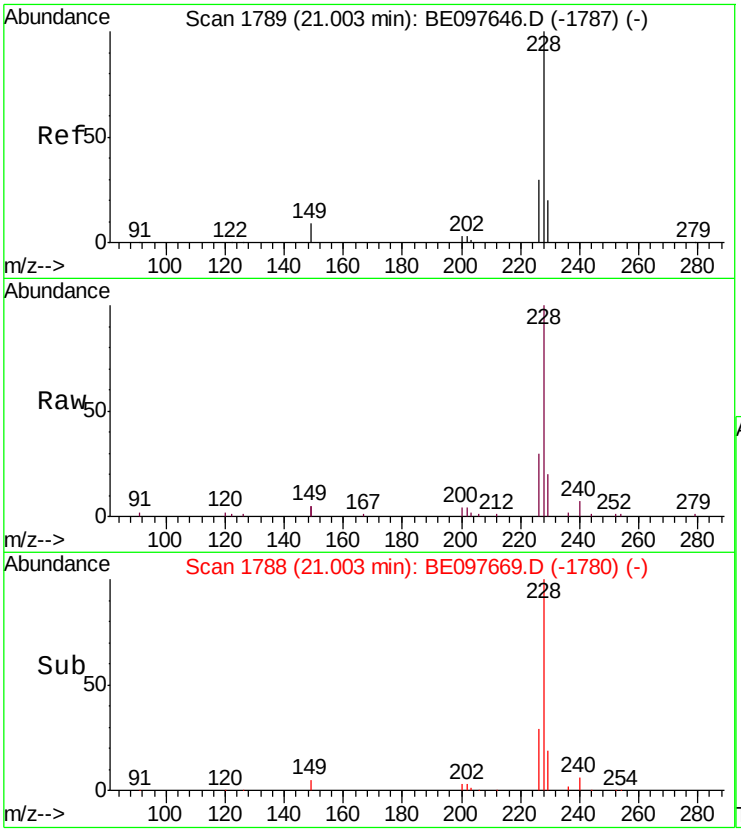


#30
Benzo(a)anthracene
Concen: 0.382 ng
RT: 20.95 min Scan# 1784
Delta R.T. 0.00 min
Lab File: BE097669.D
Acq: 25 Sep 2018 22:13

Tgt Ion:228 Resp: 8034

Ion	Ratio	Lower	Upper
228	100		
226	27.5	24.0	36.0
229	20.7	16.0	24.0



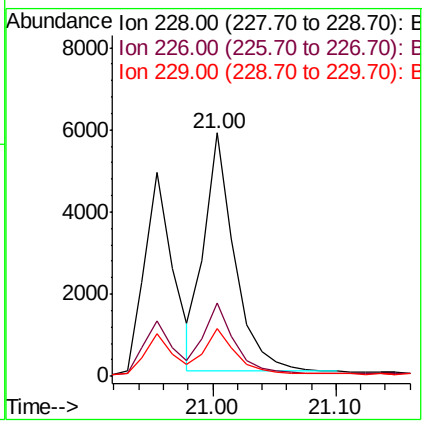


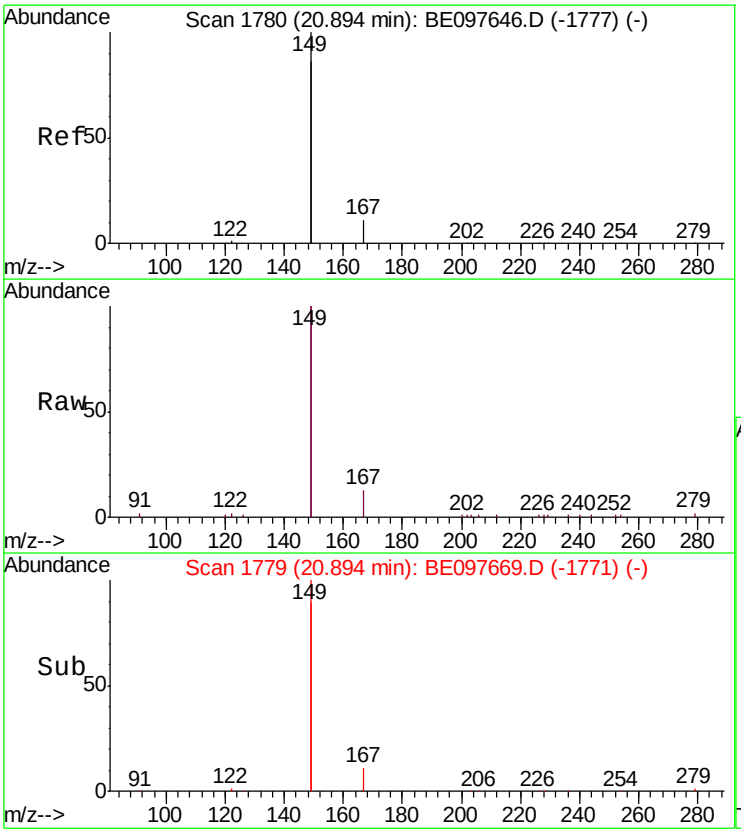
#31
Chrysene
Concen: 0.405 ng
RT: 21.00 min Scan# 1788
Delta R.T. 0.00 min
Lab File: BE097669.D
Acq: 25 Sep 2018 22:13

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:228 Resp: 9968

Ion	Ratio	Lower	Upper
228	100		
226	30.0	24.0	36.0
229	19.6	16.0	24.0

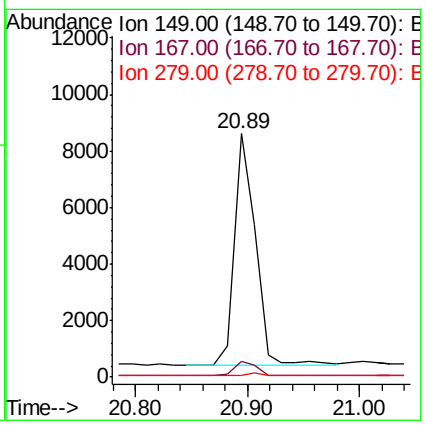


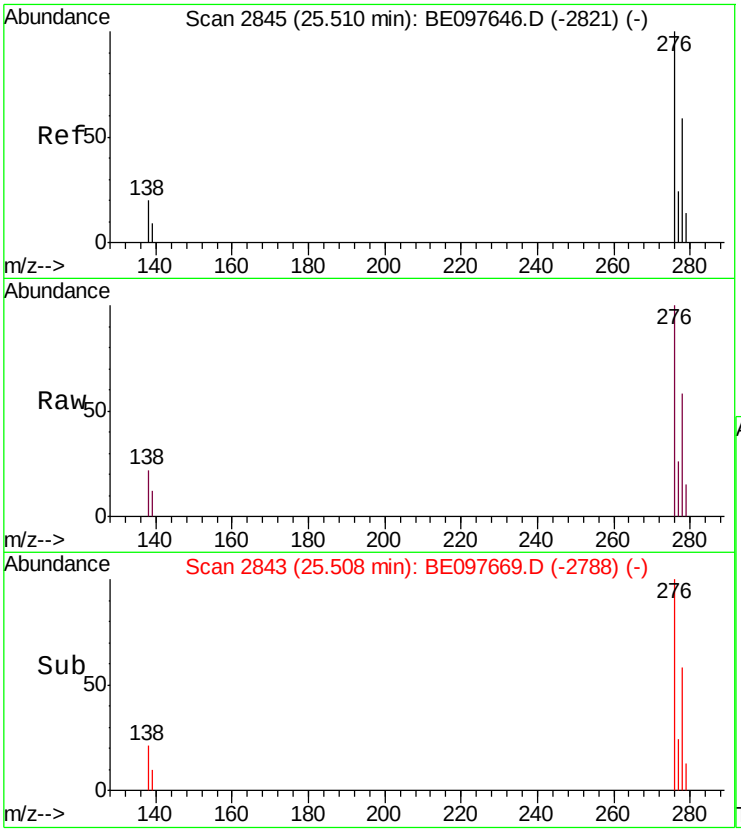


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.441 ng
RT: 20.89 min Scan# 1779
Delta R.T. 0.00 min
Lab File: BE097669.D
Acq: 25 Sep 2018 22:13

Tgt Ion:149 Resp: 10606

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



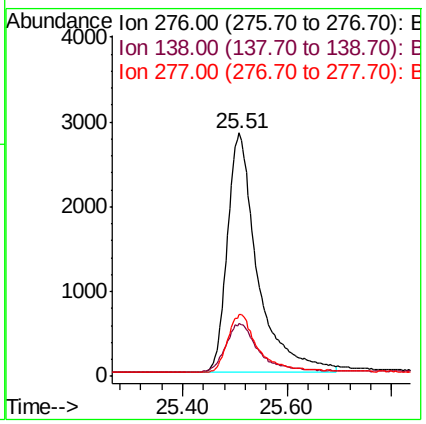


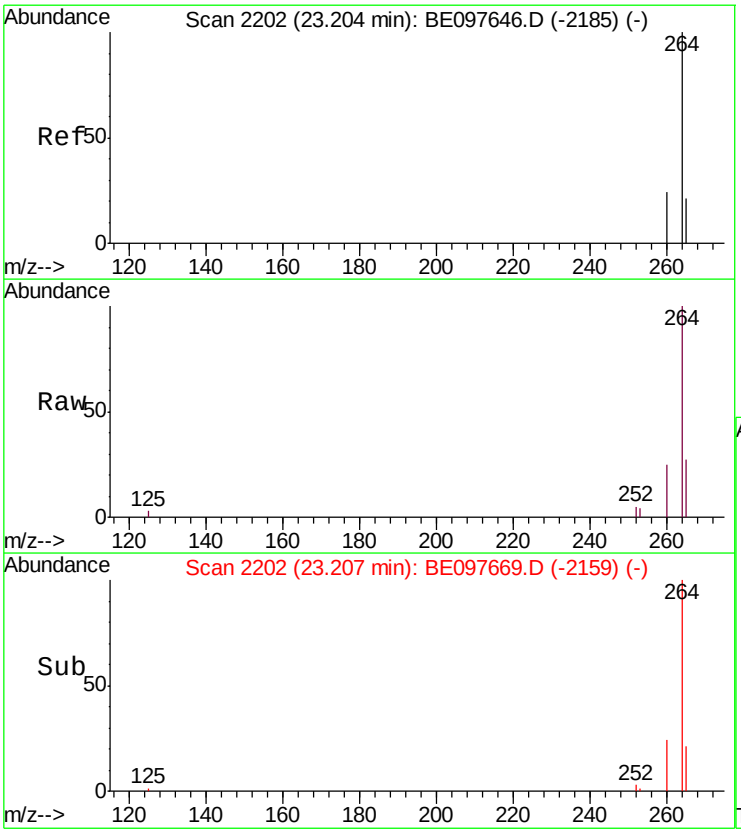
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.436 ng
RT: 25.51 min Scan# 2843
Delta R.T. -0.00 min
Lab File: BE097669.D
Acq: 25 Sep 2018 22:13

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:276 Resp: 11328

Ion	Ratio	Lower	Upper
276	100		
138	21.7	22.5	33.7#
277	24.0	19.9	29.9

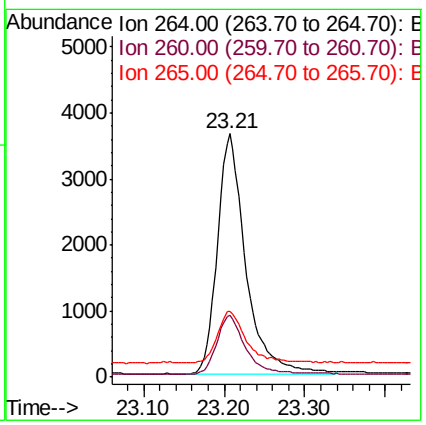


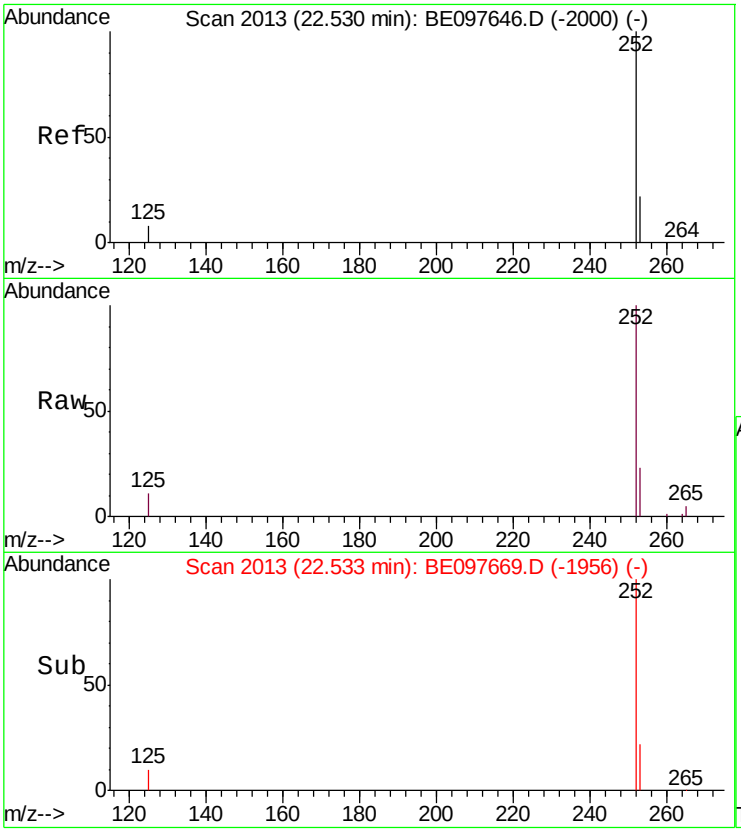


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.21 min Scan# 2202
Delta R.T. 0.00 min
Lab File: BE097669.D
Acq: 25 Sep 2018 22:13

Tgt Ion:264 Resp: 8845

Ion	Ratio	Lower	Upper
264	100		
260	25.3	20.5	30.7
265	27.0	22.8	34.2



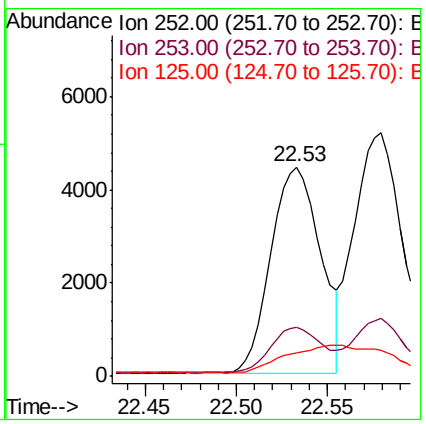


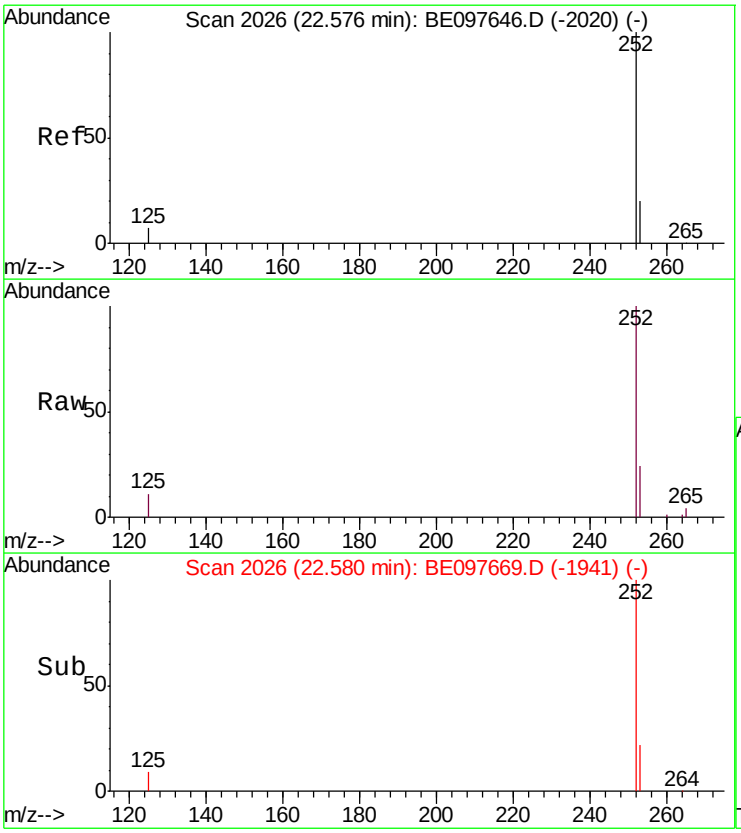
#35
Benzo(b)fluoranthene
Concen: 0.371 ng
RT: 22.53 min Scan# 2013
Delta R.T. 0.00 min
Lab File: BE097669.D
Acq: 25 Sep 2018 22:13

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:252 Resp: 8379

Ion	Ratio	Lower	Upper
252	100		
253	23.4	20.0	30.0
125	11.3	16.0	24.0#

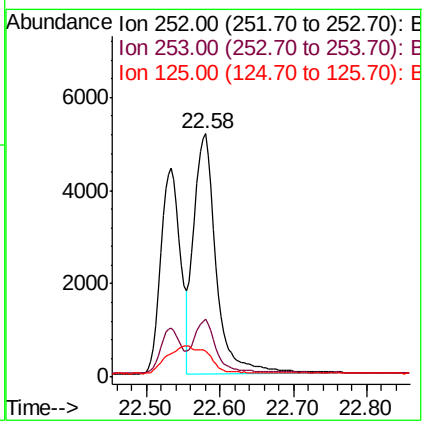


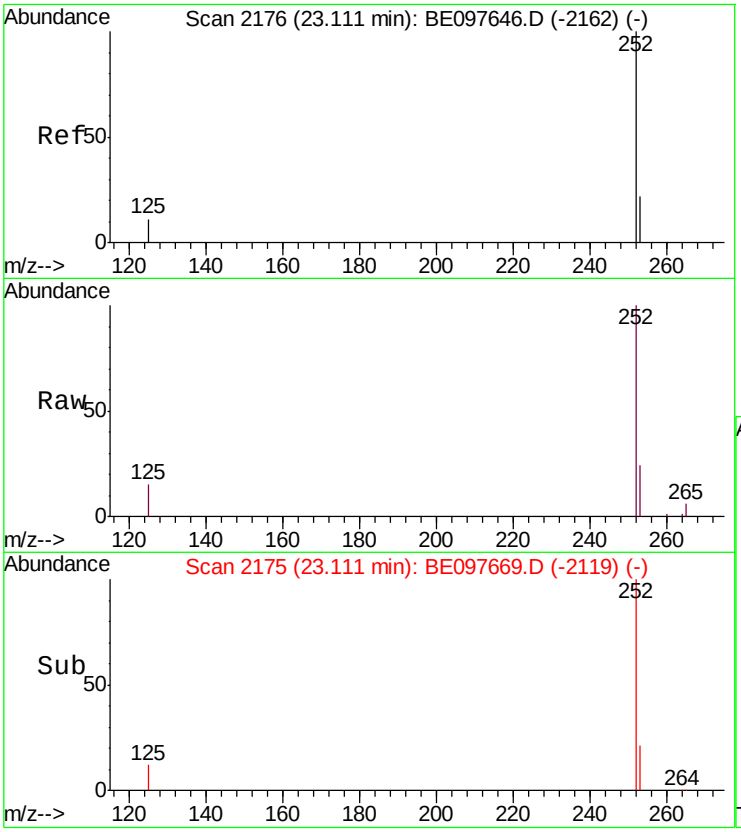


#36
Benzo(k)fluoranthene
Concen: 0.398 ng
RT: 22.58 min Scan# 2026
Delta R.T. 0.00 min
Lab File: BE097669.D
Acq: 25 Sep 2018 22:13

Tgt Ion:252 Resp: 10641

Ion	Ratio	Lower	Upper
252	100		
253	23.7	16.0	24.0
125	10.5	8.0	12.0



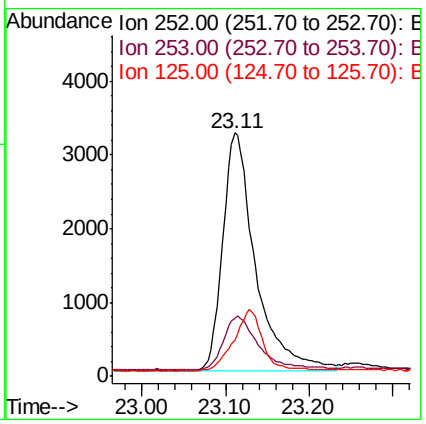


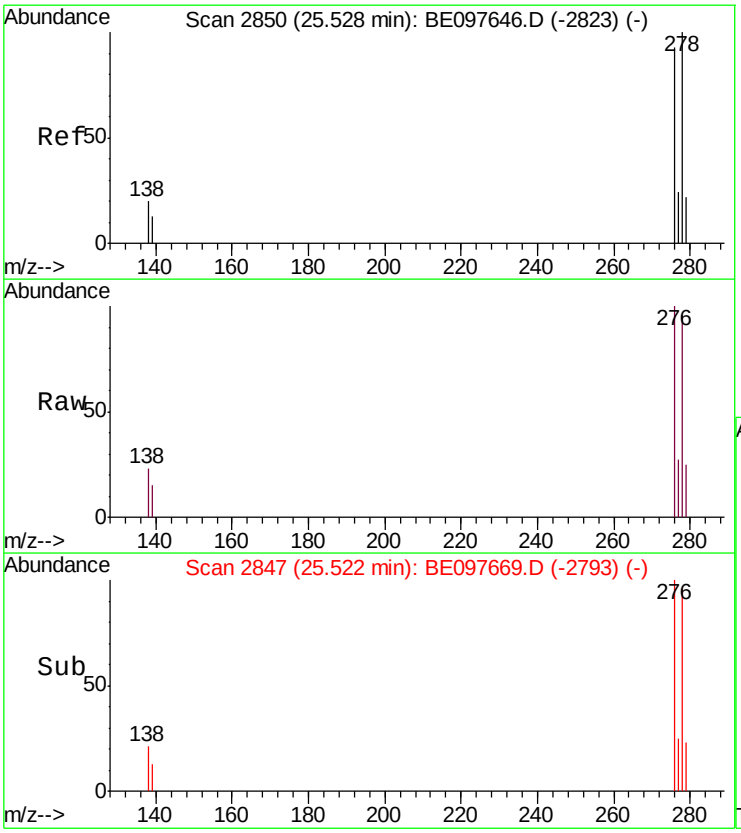
#37
Benzo(a)pyrene
Concen: 0.392 ng
RT: 23.11 min Scan# 2175
Delta R.T. -0.00 min
Lab File: BE097669.D
Acq: 25 Sep 2018 22:13

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:252 Resp: 8758

Ion	Ratio	Lower	Upper
252	100		
253	24.0	16.0	24.0
125	14.8	12.0	18.0

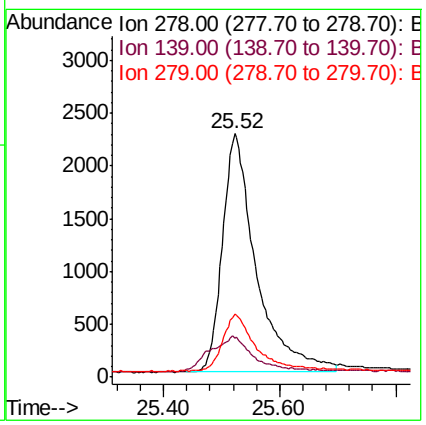


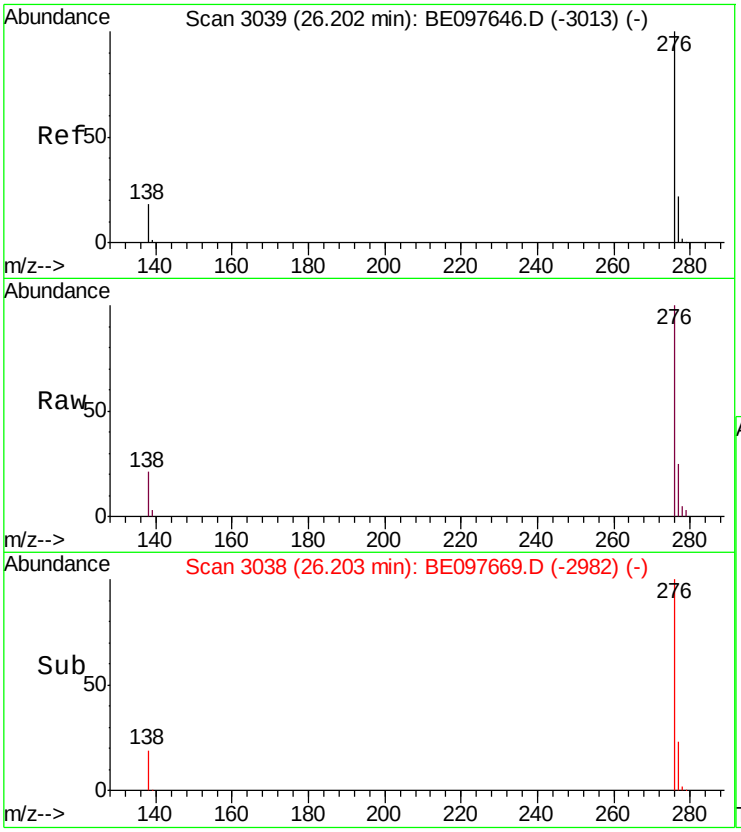


#38
Dibenzo(a,h)anthracene
Concen: 0.391 ng
RT: 25.52 min Scan# 2847
Delta R.T. -0.01 min
Lab File: BE097669.D
Acq: 25 Sep 2018 22:13

Tgt Ion:278 Resp: 9174

Ion	Ratio	Lower	Upper
278	100		
139	15.8	16.0	24.0#
279	25.8	20.0	30.0





#39
Benzo(g,h,i)perylene
Concen: 0.380 ng
RT: 26.20 min Scan# 3038
Delta R.T. 0.00 min
Lab File: BE097669.D
Acq: 25 Sep 2018 22:13

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:276 Resp: 8869

Ion	Ratio	Lower	Upper
276	100		
277	24.8	16.0	24.0#
138	20.6	20.0	30.0