Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE072418\
Data File : BE097069.D
Acq On : 24 Jul 2018 11:59
Operator : SJ/JU
Sample : SSTDICC3.2
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : SSTDICC3.2

Quant Time: Jul 24 12:37:20 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE072418.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 24 11:09:08 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.39	152	1238	0.40	ng		0.00
7) Naphthalene-d8	10.15	136	6236	0.40	ng		0.00
13) Acenaphthene-d10	14.01	164	4029	0.40	ng		0.00
19) Phenanthrene-d10	16.77	188	10363	0.40	ng		0.00
27) Chrysene-d12	20.98	240	11419	0.40	ng		0.00
34) Perylene-d12	23.21	264	8871	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.05	112	11697	3.95	ng		0.00
5) Phenol-d6	6.59	99	18134	4.01	ng		0.00
8) Nitrobenzene-d5	8.52	82	18901	4.16	ng		0.00
11) 2-Methylnaphthalene-d10	11.73	152	31634	3.48	ng		0.00
14) 2,4,6-Tribromophenol	15.52	330	6126	5.99	ng		0.00
15) 2-Fluorobiphenyl	12.63	172	46611	3.11	ng		0.00
25) Fluoranthene-d10	18.81	212	389510	4.32	ng		0.00
29) Terphenyl-d14	19.43	244	73683	3.34	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.09	88	6263	3.534	ng	#	86
3) n-Nitrosodimethylamine	3.37	42	7861	3.942	ng	#	91
6) bis(2-Chloroethyl)ether	6.84	93	15393	3.471	ng		98
9) Naphthalene	10.20	128	186734	3.345	ng		99
10) Hexachlorobutadiene	10.48	225	8354	3.702	ng		98
12) 2-Methylnaphthalene	11.80	142	32975	3.483	ng		99
16) Acenaphthylene	13.73	152	62292	3.385	ng		100
17) Acenaphthene	14.08	154	36326	3.175	ng		95
18) Fluorene	15.08	166	48655	3.788	ng	#	79
20) 4-Bromophenyl-phenylether	15.97	248	17817	3.636	ng	#	85
21) Hexachlorobenzene	16.08	284	18292	3.361	ng	#	83
22) Pentachlorophenol	16.43	266	7198	8.061	ng	#	70
23) Phenanthrene	16.81	178	85944	3.463	ng		99
24) Anthracene	16.89	178	83125	3.849	ng		96
26) Fluoranthene	18.84	202	104146	3.979	ng		98
28) Pyrene	19.20	202	103970	3.085	ng		99
30) Benzo(a)anthracene	20.95	228	99577	3.662	ng		97
31) Chrysene	21.00	228	102617	3.364	ng		97
32) Bis(2-ethylhexyl)phthalate	20.92	149	144047	5.307	ng		99
33) Indeno(1,2,3-cd)pyrene	25.50	276	98268	4.423	ng	#	93
35) Benzo(b)fluoranthene	22.53	252	83807	3.702	ng	#	86
36) Benzo(k)fluoranthene	22.58	252	97808	3.632	ng		97
37) Benzo(a)pyrene	23.11	252	80531	3.976	ng	#	92
38) Dibenzo(a,h)anthracene	25.52	278	82232	4.973	ng	#	93
39) Benzo(g,h,i)perylene	26.19	276	82773	4.497	ng	#	89

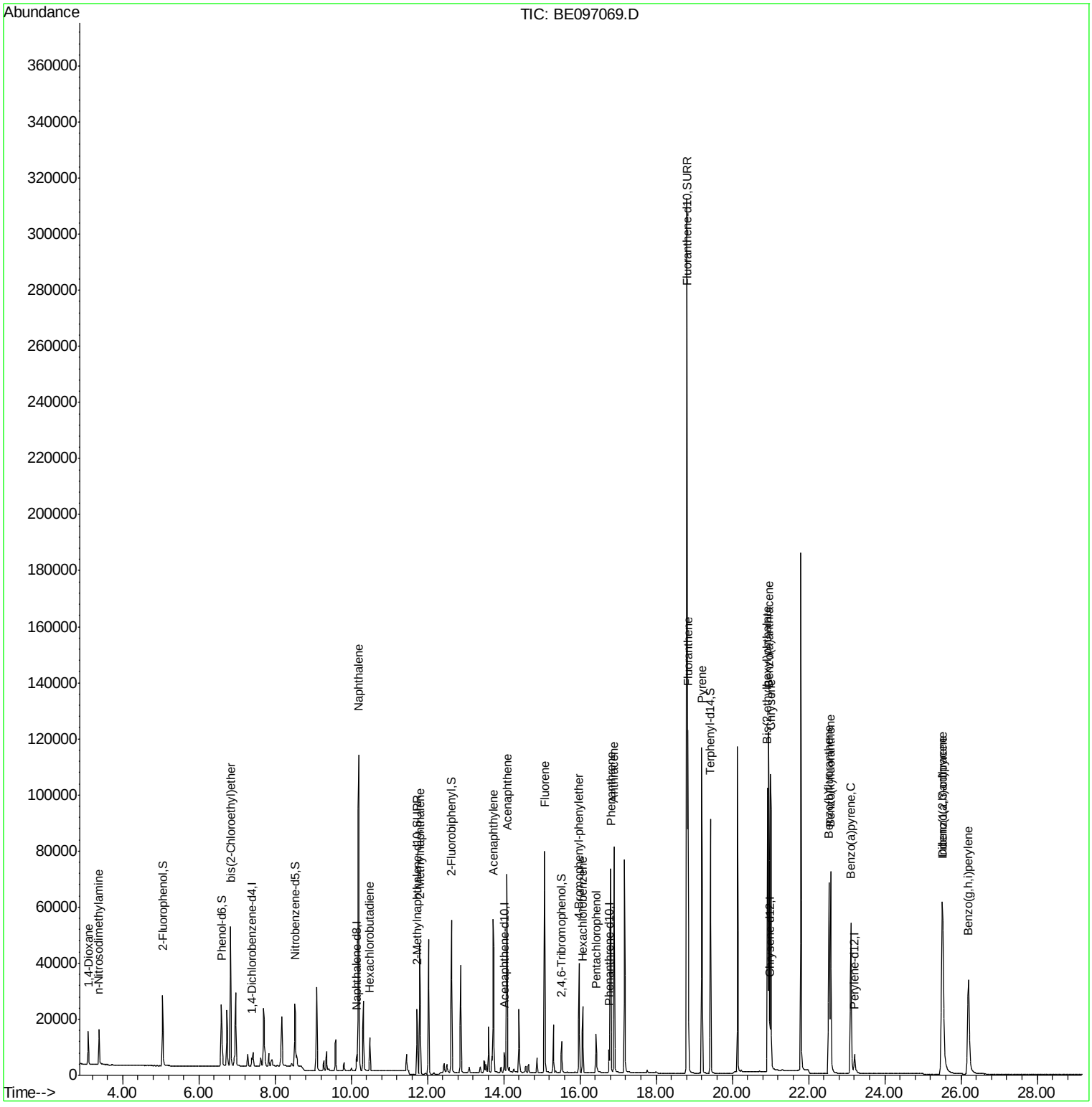
(#) = qualifier out of range (m) = manual integration (+) = signals summed

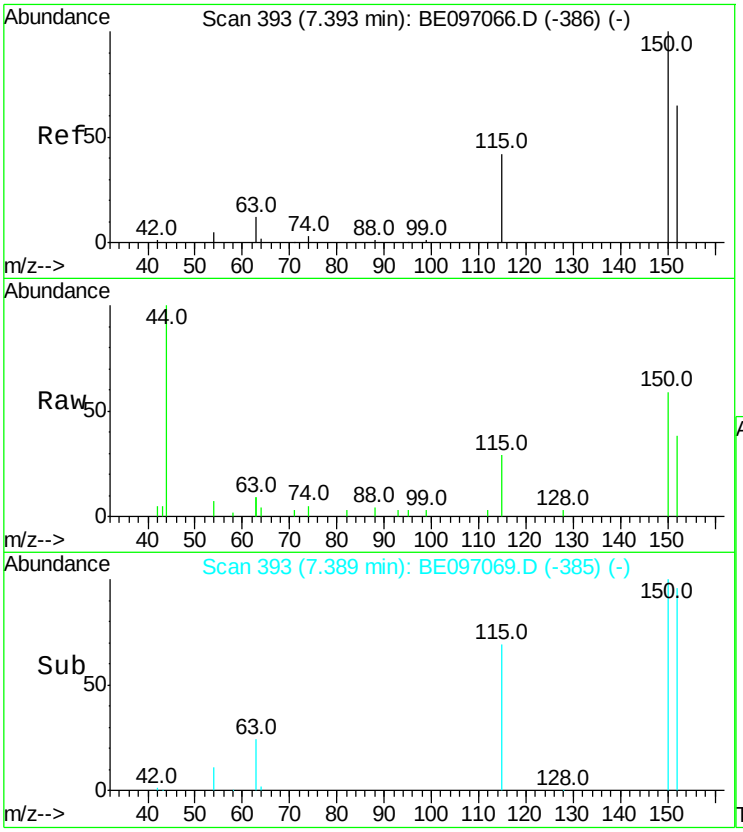
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE072418\
Data File : BE097069.D
Acq On : 24 Jul 2018 11:59
Operator : SJ/JU
Sample : SSTDICC3.2
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Quant Time: Jul 24 12:37:20 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE072418.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 24 11:09:08 2018
Response via : Initial Calibration



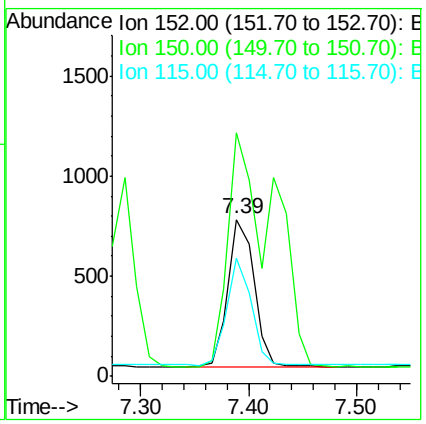


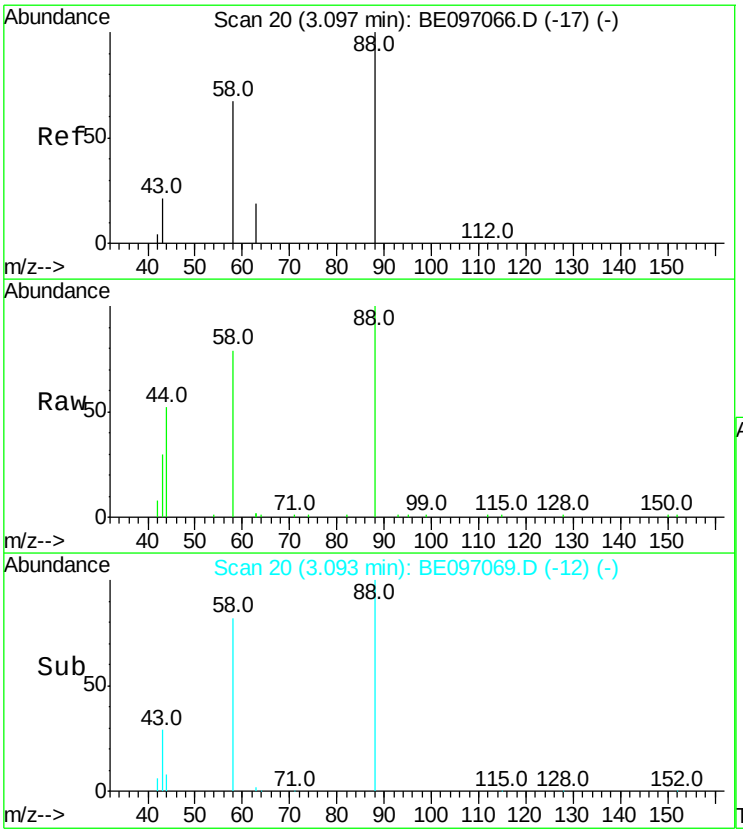
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.39 min Scan# 393
Delta R.T. -0.00 min
Lab File: BE097069.D
Acq: 24 Jul 2018 11:59

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tgt Ion:152 Resp: 1238

Ion	Ratio	Lower	Upper
152	100		
150	154.9	117.2	175.8
115	75.3	57.0	85.6

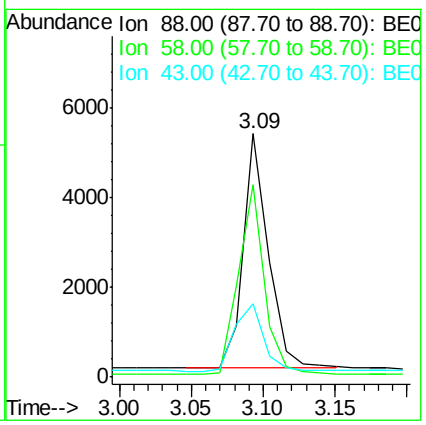


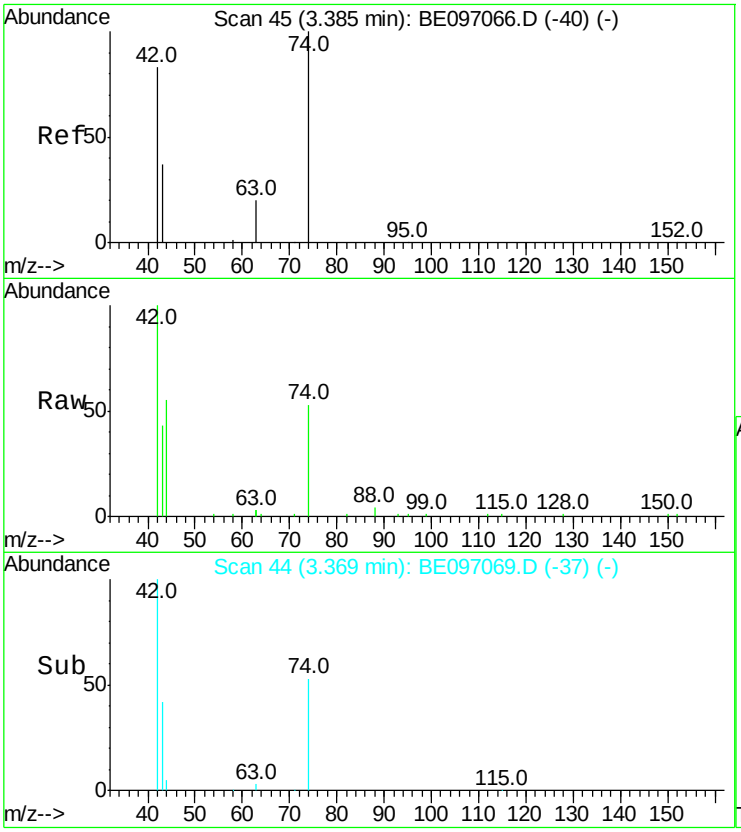


#2
1,4-Dioxane
Concen: 3.534 ng
RT: 3.09 min Scan# 20
Delta R.T. -0.00 min
Lab File: BE097069.D
Acq: 24 Jul 2018 11:59

Tgt Ion: 88 Resp: 6263

Ion	Ratio	Lower	Upper
88	100		
58	84.5	63.2	94.8
43	33.7	41.2	61.8#



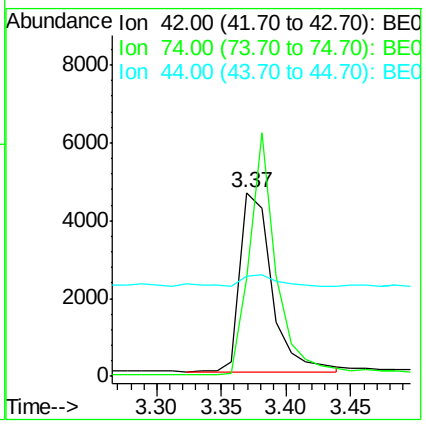


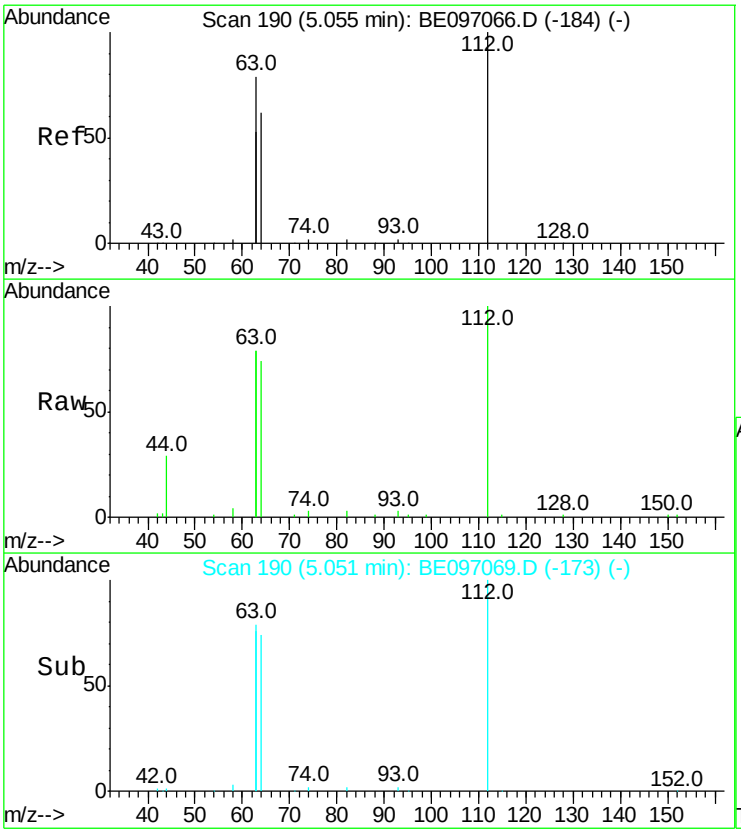
#3
n-Nitrosodimethylamine
Concen: 3.942 ng
RT: 3.37 min Scan# 44
Delta R.T. -0.02 min
Lab File: BE097069.D
Acq: 24 Jul 2018 11:59

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tgt Ion: 42 Resp: 7861

Ion	Ratio	Lower	Upper
42	100		
74	111.7	96.0	144.0
44	6.8	12.0	18.0#

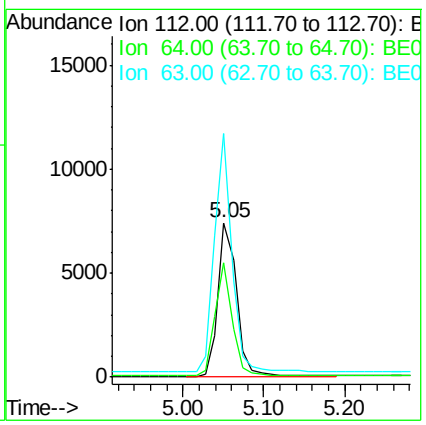


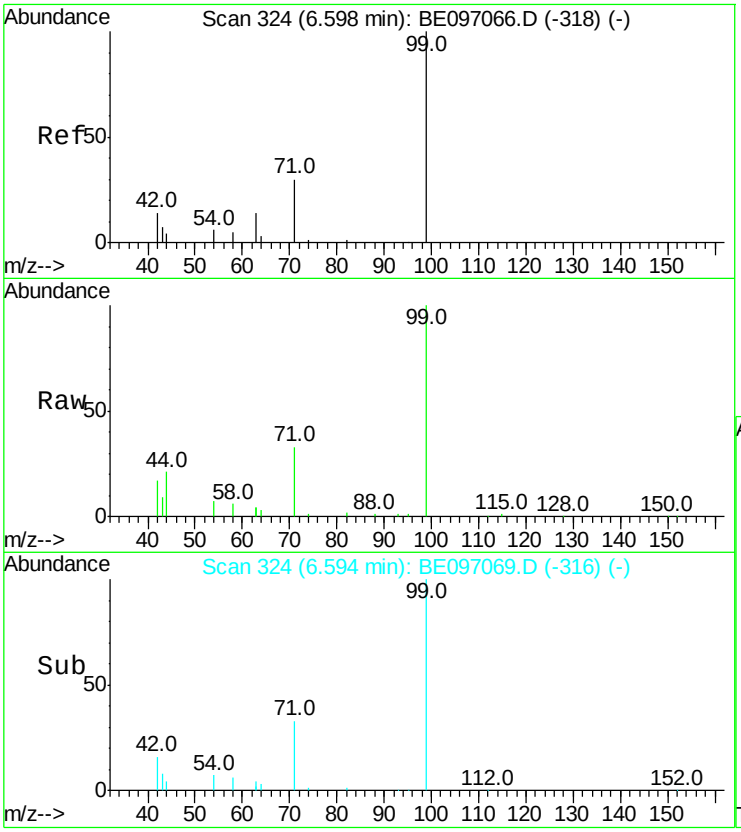


#4
2-Fluorophenol
Concen: 3.950 ng
RT: 5.05 min Scan# 190
Delta R.T. -0.00 min
Lab File: BE097069.D
Acq: 24 Jul 2018 11:59

Tgt Ion:112 Resp: 11697

Ion	Ratio	Lower	Upper
112	100		
64	69.0	60.1	90.1
63	146.6	116.8	175.2



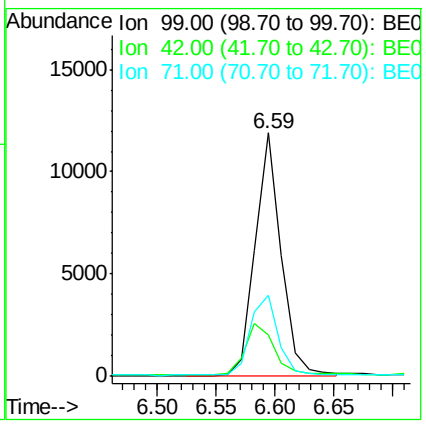


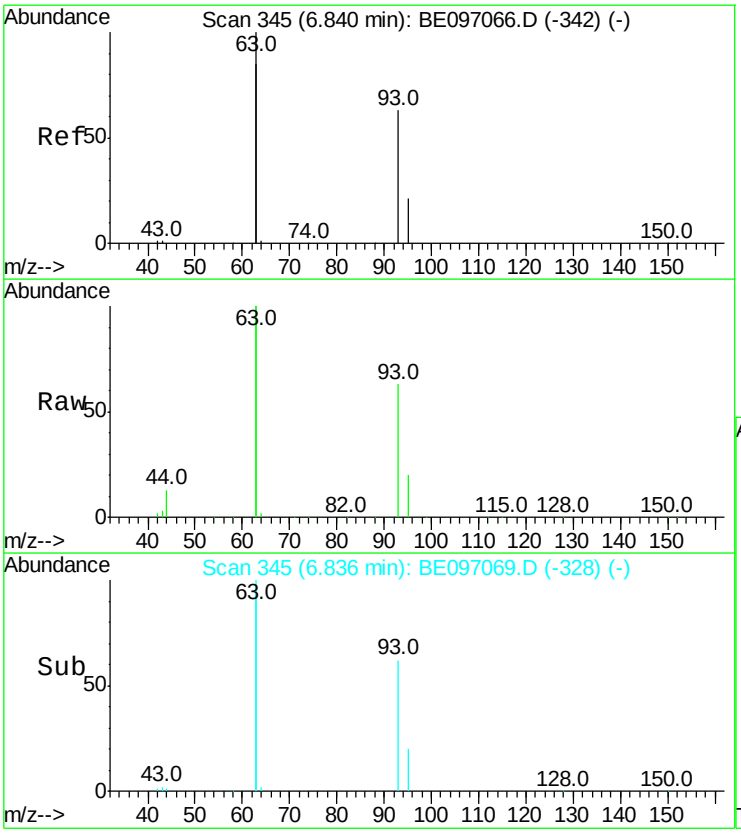
#5
Phenol-d6
Concen: 4.012 ng
RT: 6.59 min Scan# 324
Delta R.T. -0.00 min
Lab File: BE097069.D
Acq: 24 Jul 2018 11:59

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tgt Ion: 99 Resp: 18134

Ion	Ratio	Lower	Upper
99	100		
42	23.8	20.2	30.2
71	35.5	28.4	42.6

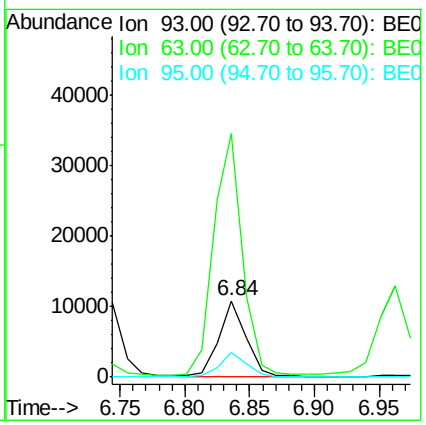


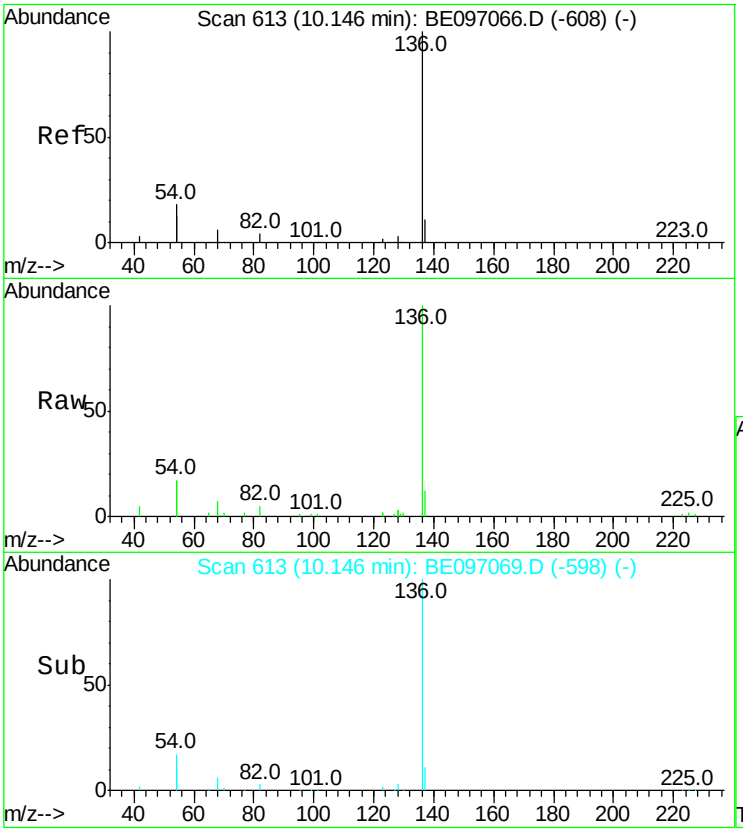


#6
bis(2-Chloroethyl)ether
Concen: 3.471 ng
RT: 6.84 min Scan# 345
Delta R.T. -0.00 min
Lab File: BE097069.D
Acq: 24 Jul 2018 11:59

Tgt Ion: 93 Resp: 15393

Ion	Ratio	Lower	Upper
93	100		
63	340.6	275.3	412.9
95	32.3	25.2	37.8



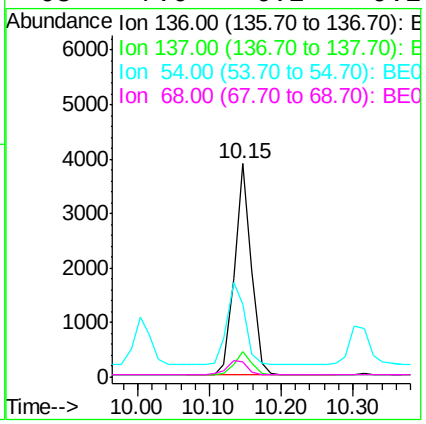


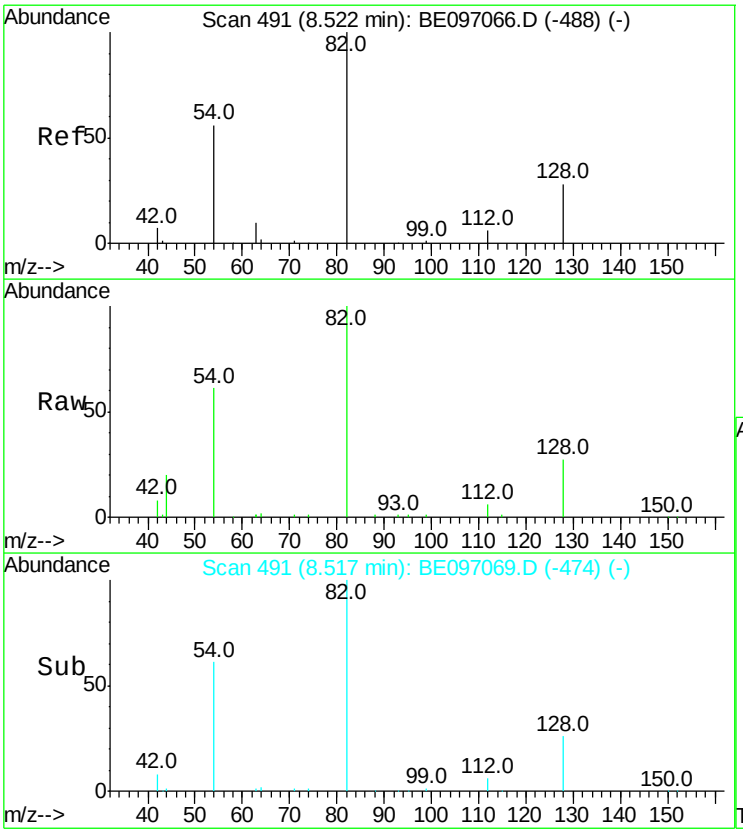
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.15 min Scan# 613
Delta R.T. 0.00 min
Lab File: BE097069.D
Acq: 24 Jul 2018 11:59

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tgt Ion:136 Resp: 6236

Ion	Ratio	Lower	Upper
136	100		
137	12.1	9.5	14.3
54	34.0	29.1	43.7
68	7.0	6.2	9.2

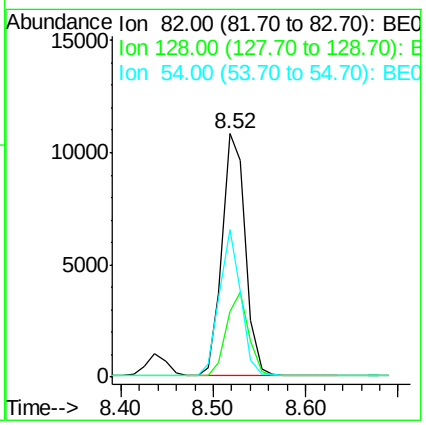


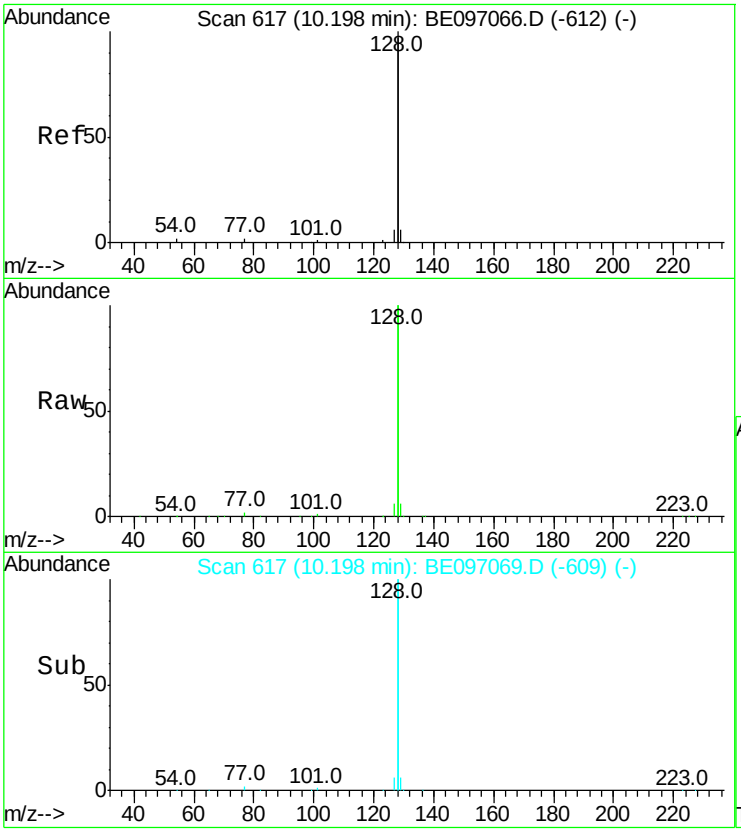


#8
Nitrobenzene-d5
Concen: 4.156 ng
RT: 8.52 min Scan# 491
Delta R.T. -0.00 min
Lab File: BE097069.D
Acq: 24 Jul 2018 11:59

Tgt Ion: 82 Resp: 18901

Ion	Ratio	Lower	Upper
82	100		
128	26.8	24.0	36.0
54	60.8	40.0	60.0#



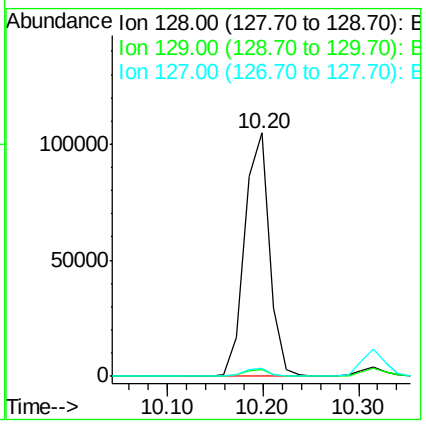


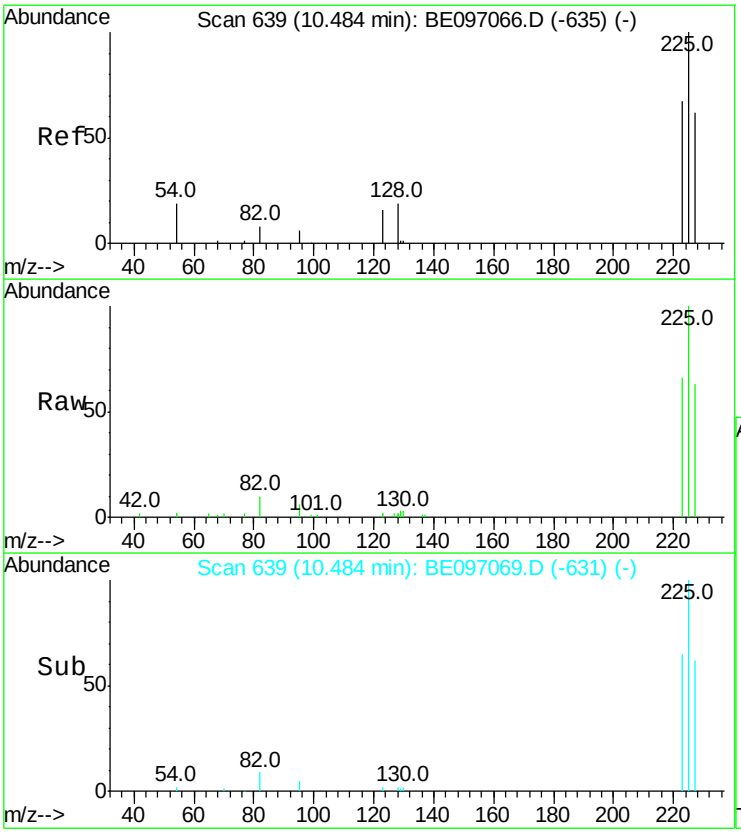
#9
Naphthalene
Concen: 3.345 ng
RT: 10.20 min Scan# 617
Delta R.T. 0.00 min
Lab File: BE097069.D
Acq: 24 Jul 2018 11:59

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tgt Ion:128 Resp: 186734

Ion	Ratio	Lower	Upper
128	100		
129	2.8	2.6	3.8
127	3.2	2.8	4.2

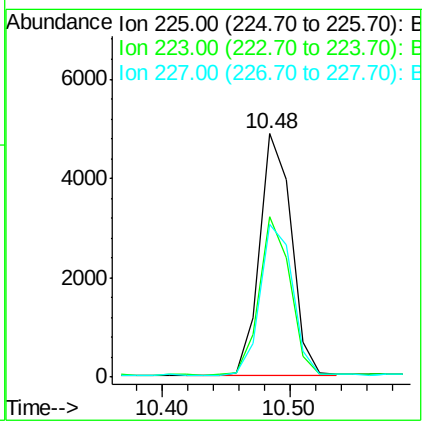


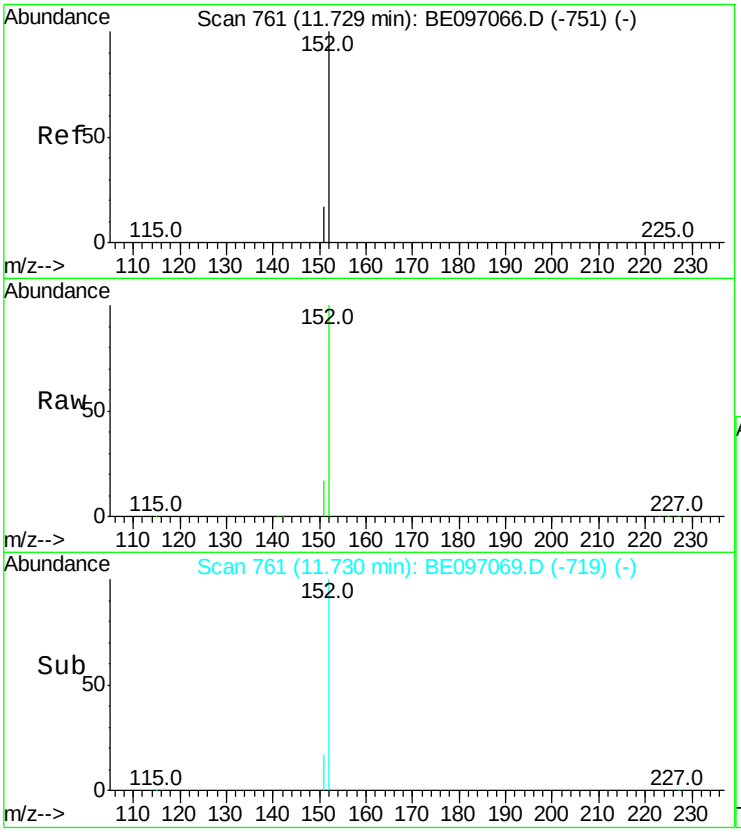


#10
Hexachlorobutadiene
Concen: 3.702 ng
RT: 10.48 min Scan# 639
Delta R.T. 0.00 min
Lab File: BE097069.D
Acq: 24 Jul 2018 11:59

Tgt Ion:225 Resp: 8354

Ion	Ratio	Lower	Upper
225	100		
223	63.4	53.0	79.6
227	63.6	51.4	77.2



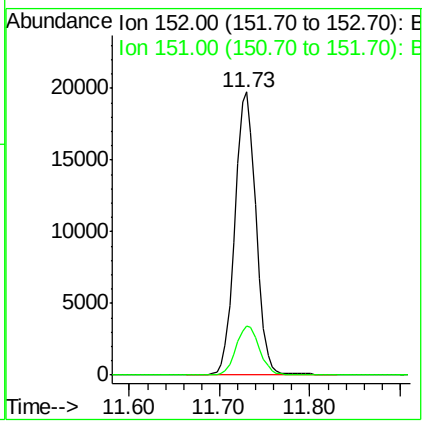


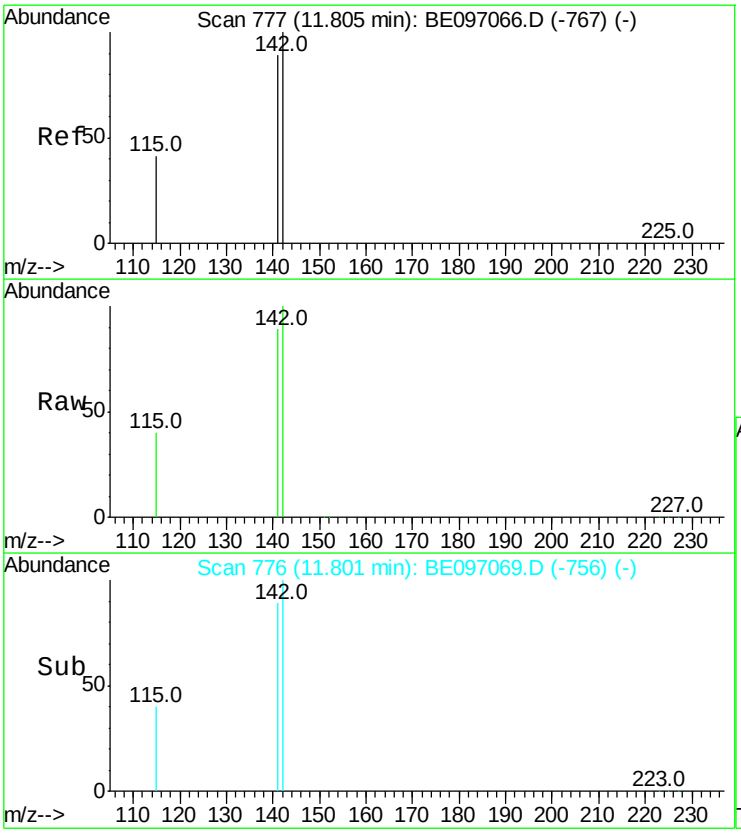
#11
2-Methylnaphthalene-d10
Concen: 3.481 ng
RT: 11.73 min Scan# 761
Delta R.T. 0.00 min
Lab File: BE097069.D
Acq: 24 Jul 2018 11:59

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tgt Ion:152 Resp: 31634

Ion	Ratio	Lower	Upper
152	100		
151	19.0	15.4	23.0

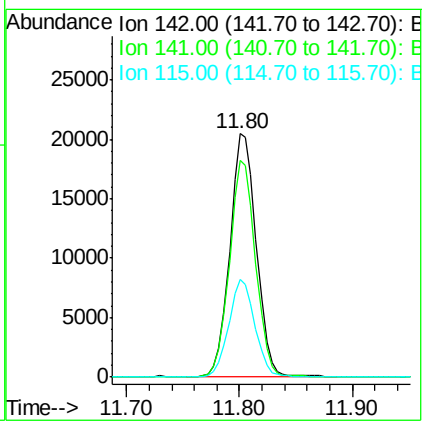


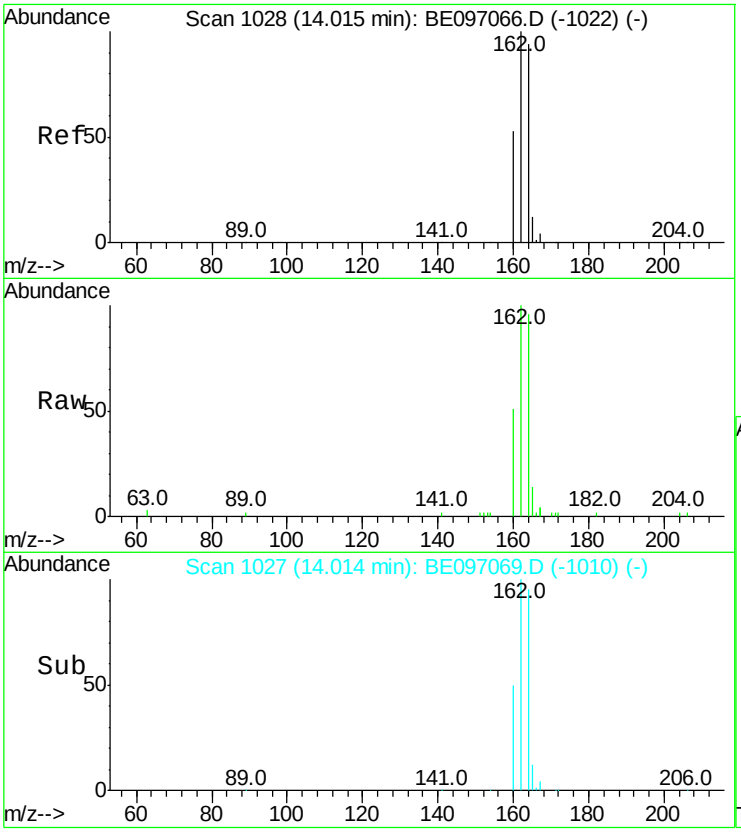


#12
2-Methylnaphthalene
Concen: 3.483 ng
RT: 11.80 min Scan# 776
Delta R.T. -0.00 min
Lab File: BE097069.D
Acq: 24 Jul 2018 11:59

Tgt Ion:142 Resp: 32975

Ion	Ratio	Lower	Upper
142	100		
141	89.1	70.4	105.6
115	39.9	31.7	47.5



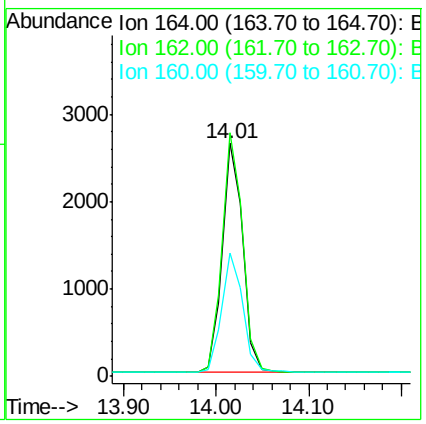


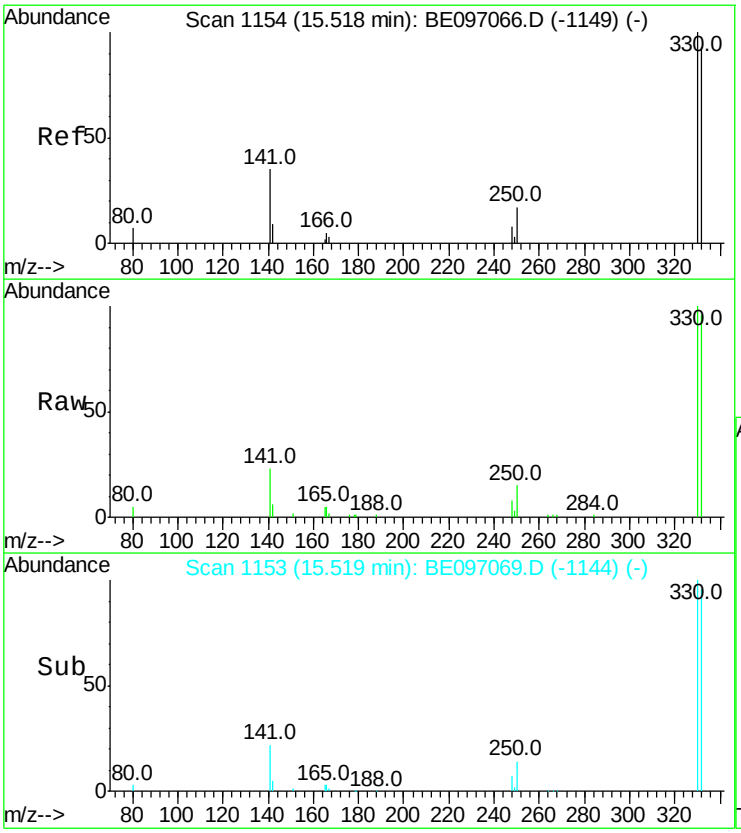
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.01 min Scan# 1027
Delta R.T. -0.00 min
Lab File: BE097069.D
Acq: 24 Jul 2018 11:59

Instrument : BNA_E
ClientSampleId : SSTDICC3.2

Tgt Ion:164 Resp: 4029

Ion	Ratio	Lower	Upper
164	100		
162	104.5	83.1	124.7
160	52.9	37.1	55.7

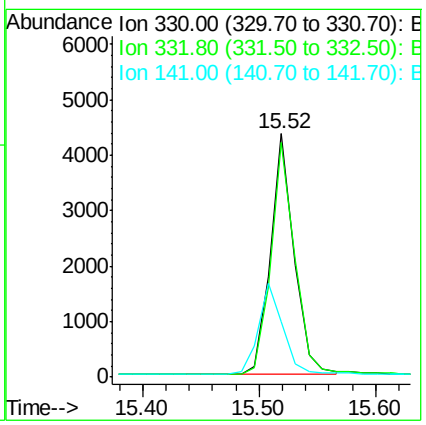


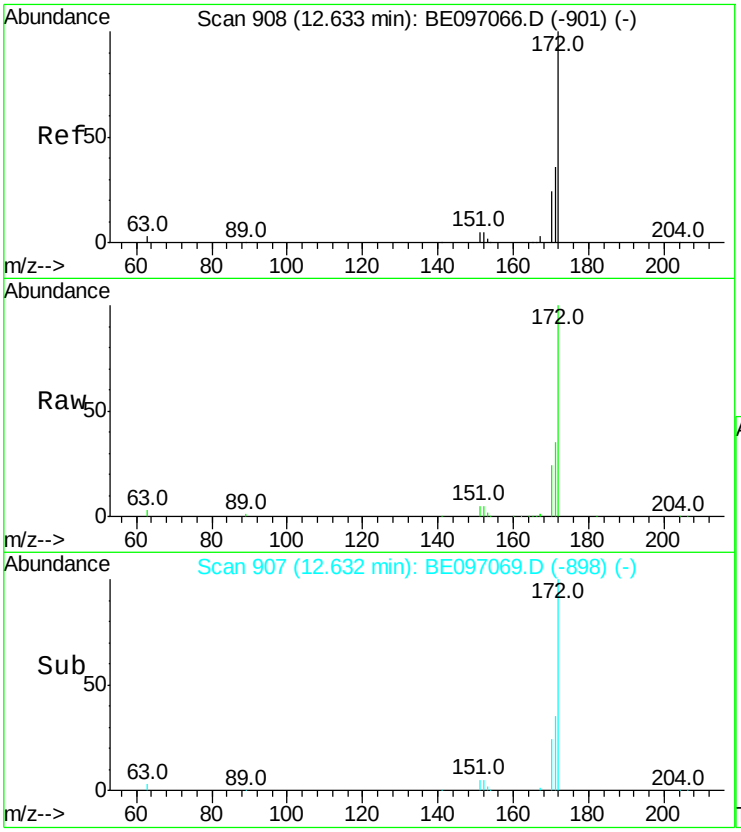


#14
2,4,6-Tribromophenol
Concen: 5.994 ng
RT: 15.52 min Scan# 1153
Delta R.T. 0.00 min
Lab File: BE097069.D
Acq: 24 Jul 2018 11:59

Tgt Ion:330 Resp: 6126

Ion	Ratio	Lower	Upper
330	100		
332	96.7	152.7	229.1#
141	39.5	33.7	50.5



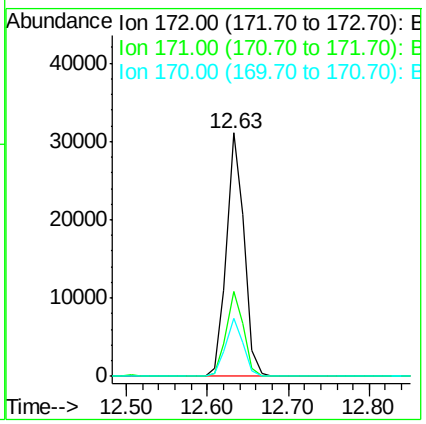


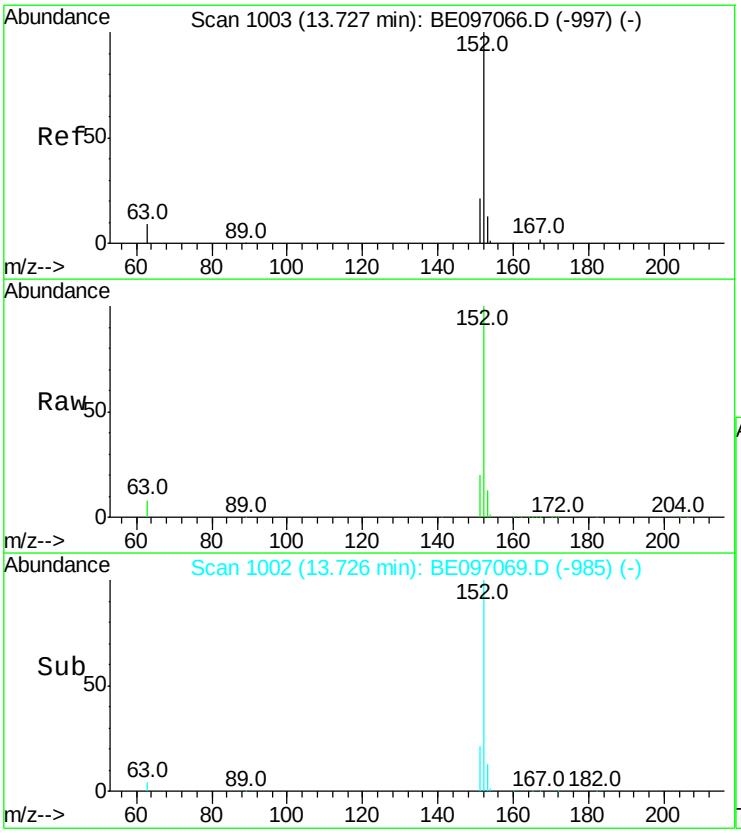
#15
2-Fluorobiphenyl
Concen: 3.110 ng
RT: 12.63 min Scan# 907
Delta R.T. -0.00 min
Lab File: BE097069.D
Acq: 24 Jul 2018 11:59

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tgt Ion:172 Resp: 46611

Ion	Ratio	Lower	Upper
172	100		
171	35.1	29.9	44.9
170	24.0	21.8	32.8

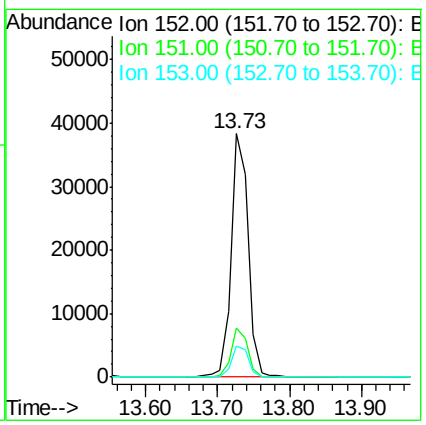


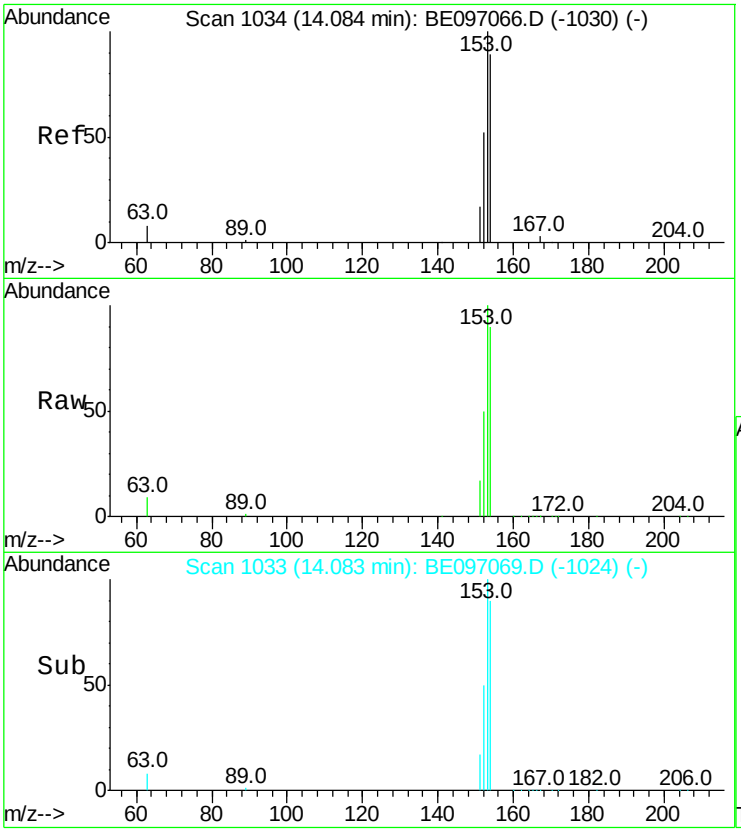


#16
Acenaphthylene
Concen: 3.385 ng
RT: 13.73 min Scan# 1002
Delta R.T. -0.00 min
Lab File: BE097069.D
Acq: 24 Jul 2018 11:59

Tgt Ion:152 Resp: 62292

Ion	Ratio	Lower	Upper
152	100		
151	19.6	15.7	23.5
153	13.1	10.5	15.7



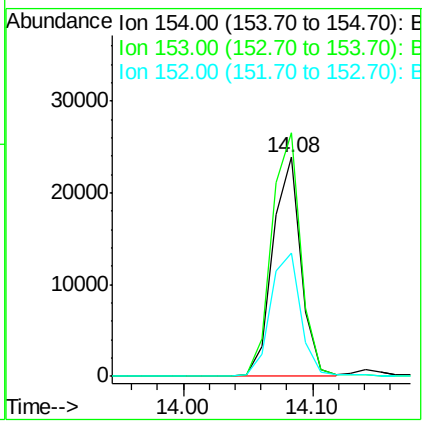


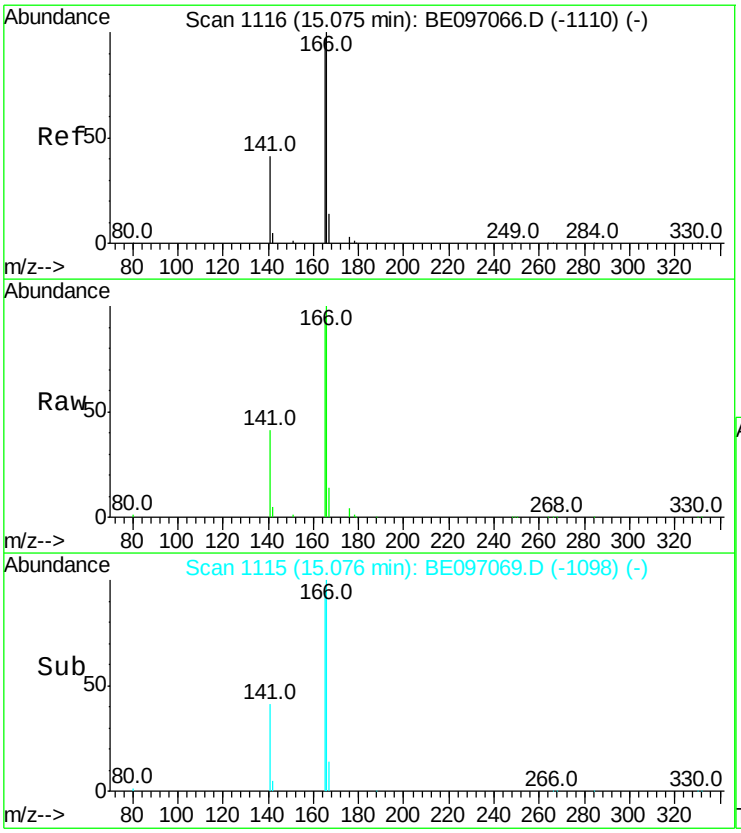
#17
Acenaphthene
Concen: 3.175 ng
RT: 14.08 min Scan# 1033
Delta R.T. -0.00 min
Lab File: BE097069.D
Acq: 24 Jul 2018 11:59

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tgt Ion:154 Resp: 36326

Ion	Ratio	Lower	Upper
154	100		
153	114.0	89.2	133.8
152	59.8	42.0	63.0

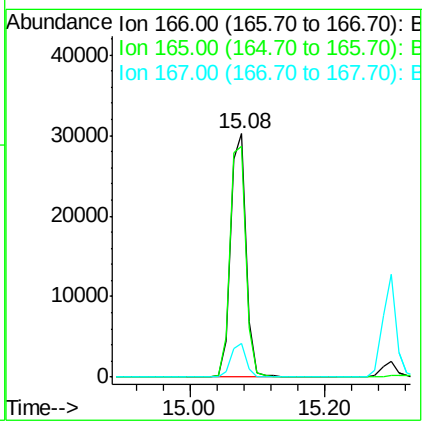


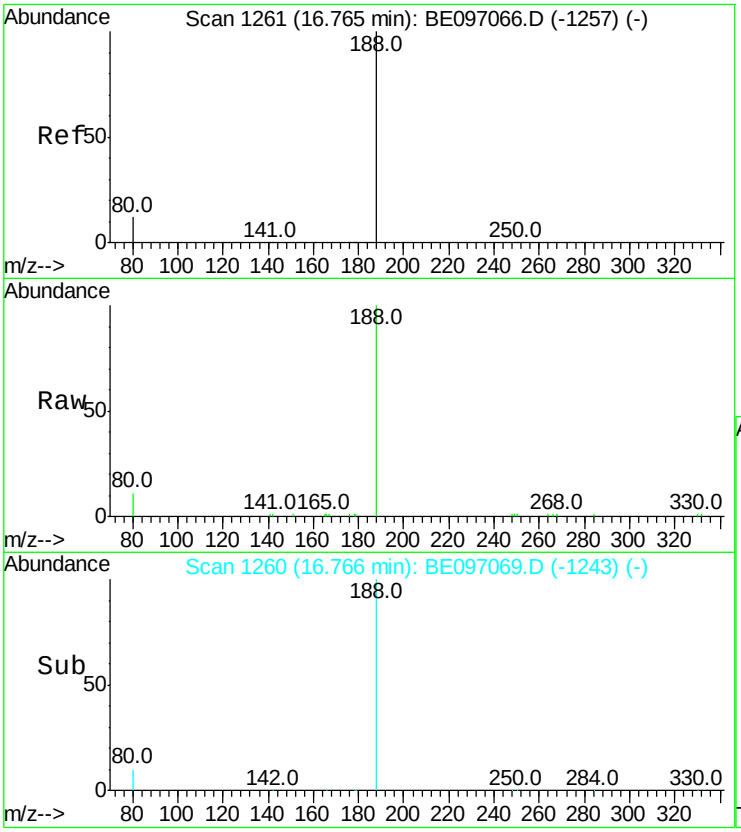


#18
Fluorene
Concen: 3.788 ng
RT: 15.08 min Scan# 1115
Delta R.T. 0.00 min
Lab File: BE097069.D
Acq: 24 Jul 2018 11:59

Tgt Ion:166 Resp: 48655

Ion	Ratio	Lower	Upper
166	100		
165	98.7	77.8	116.6
167	13.5	42.4	63.6#



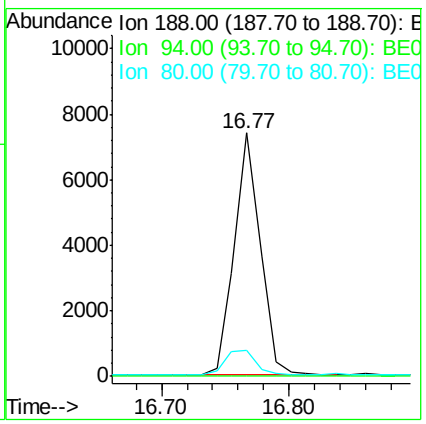


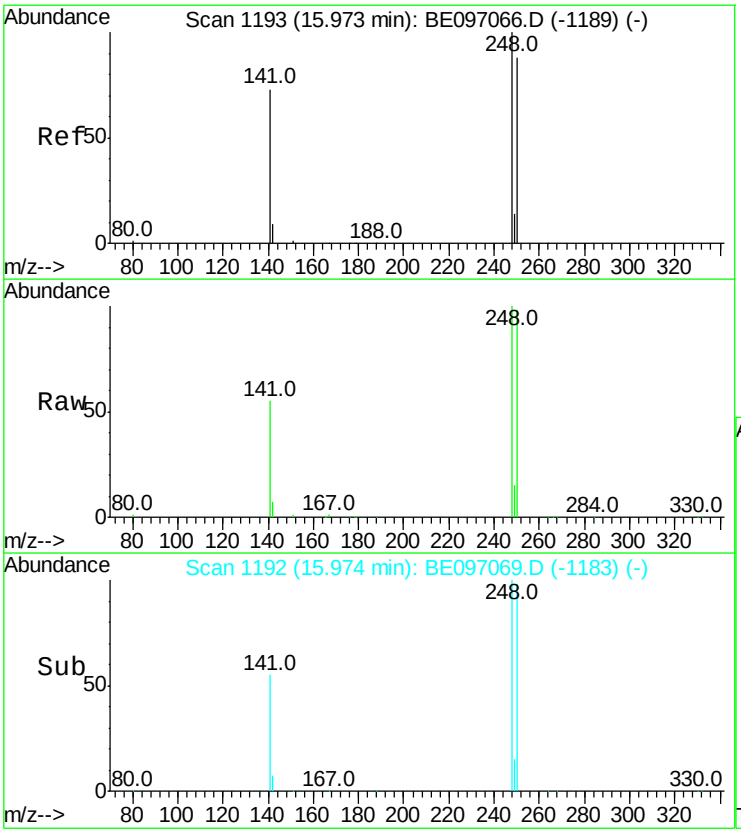
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.77 min Scan# 1260
Delta R.T. 0.00 min
Lab File: BE097069.D
Acq: 24 Jul 2018 11:59

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tgt Ion:188 Resp: 10363

Ion	Ratio	Lower	Upper
188	100		
94	0.0	3.9	5.9#
80	10.9	3.6	5.4#

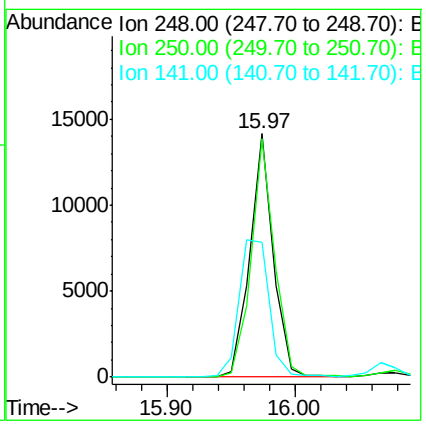


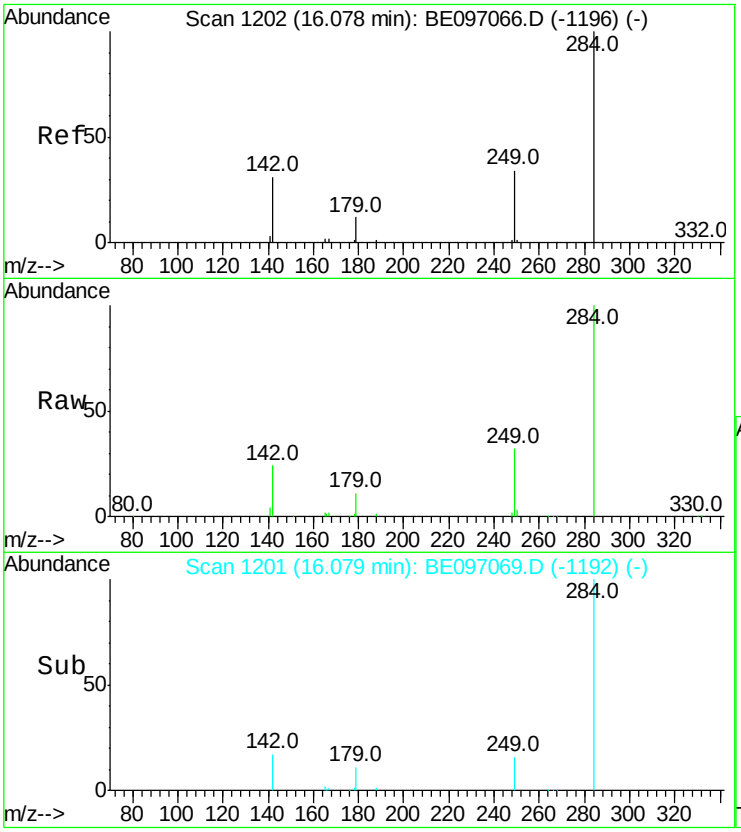


#20
4-Bromophenyl-phenylether
Concen: 3.636 ng
RT: 15.97 min Scan# 1192
Delta R.T. 0.00 min
Lab File: BE097069.D
Acq: 24 Jul 2018 11:59

Tgt Ion:248 Resp: 17817

Ion	Ratio	Lower	Upper
248	100		
250	97.7	62.7	94.1#
141	55.4	48.2	72.2



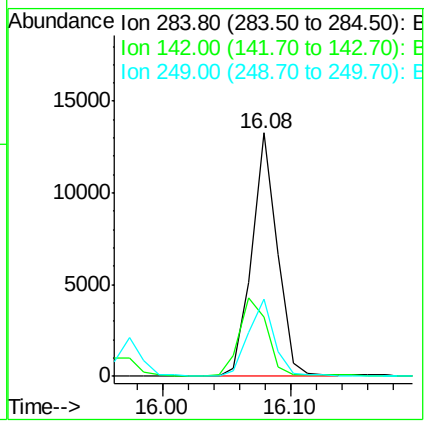


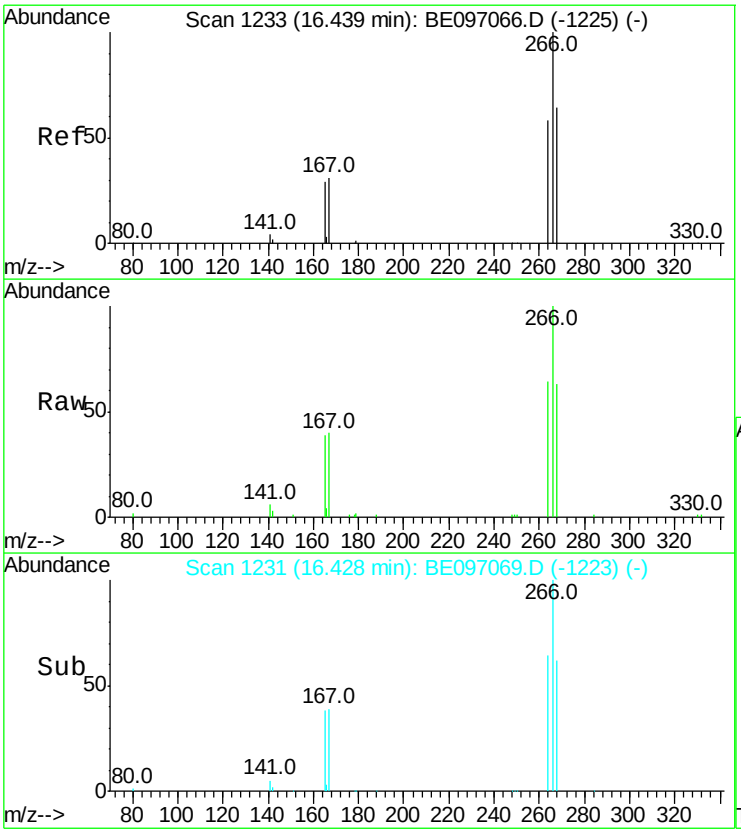
#21
Hexachlorobenzene
Concen: 3.361 ng
RT: 16.08 min Scan# 1201
Delta R.T. 0.00 min
Lab File: BE097069.D
Acq: 24 Jul 2018 11:59

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tgt Ion:284 Resp: 18292

Ion	Ratio	Lower	Upper
284	100		
142	34.7	22.1	33.1#
249	31.3	34.8	52.2#

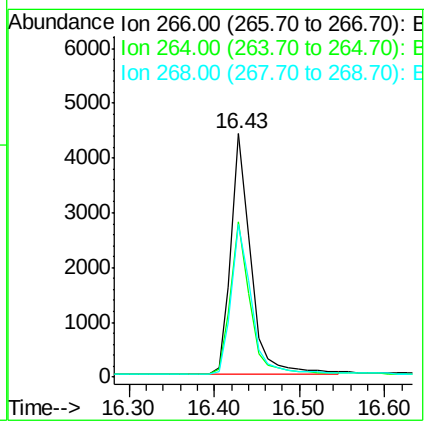


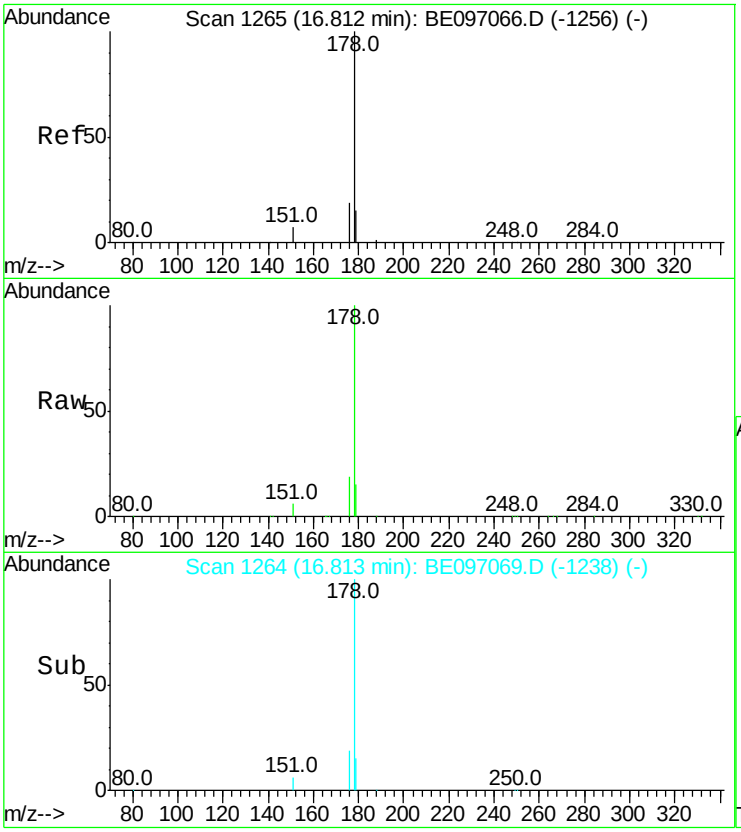


#22
Pentachlorophenol
Concen: 8.061 ng
RT: 16.43 min Scan# 1231
Delta R.T. -0.01 min
Lab File: BE097069.D
Acq: 24 Jul 2018 11:59

Tgt Ion:266 Resp: 7198

Ion	Ratio	Lower	Upper
266	100		
264	64.0	72.5	108.7#
268	62.7	73.8	110.6#



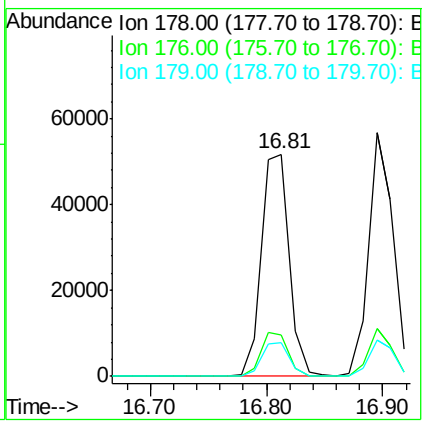


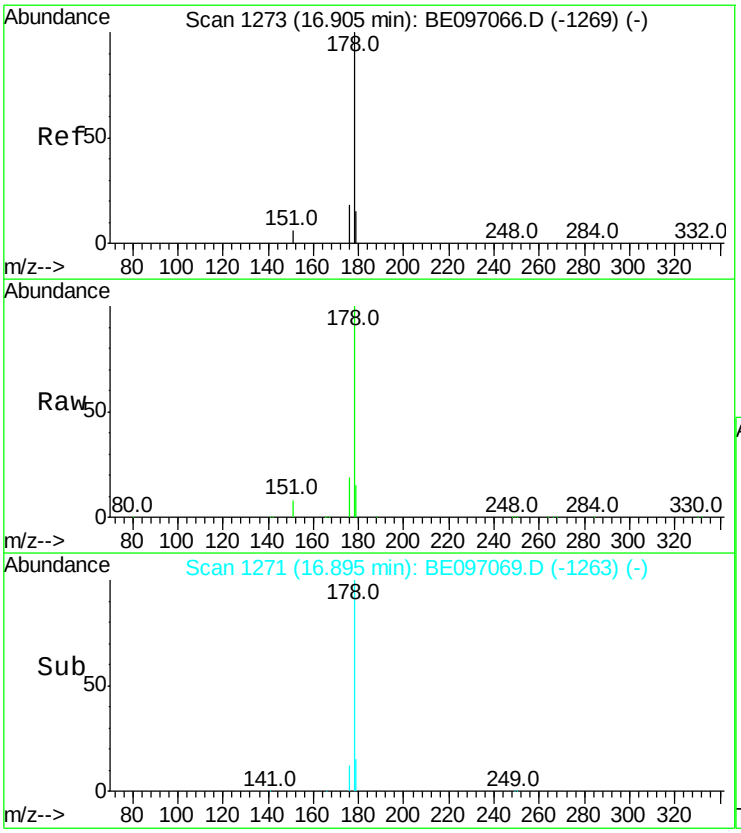
#23
Phenanthrene
Concen: 3.463 ng
RT: 16.81 min Scan# 1264
Delta R.T. 0.00 min
Lab File: BE097069.D
Acq: 24 Jul 2018 11:59

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tgt Ion:178 Resp: 85944

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

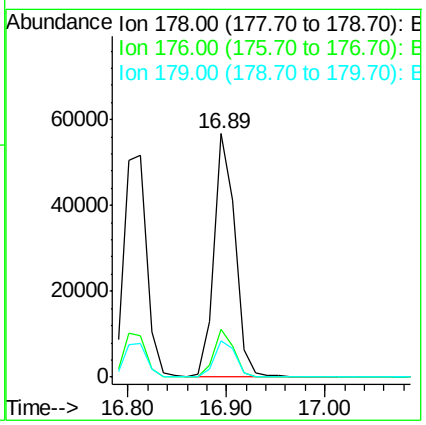


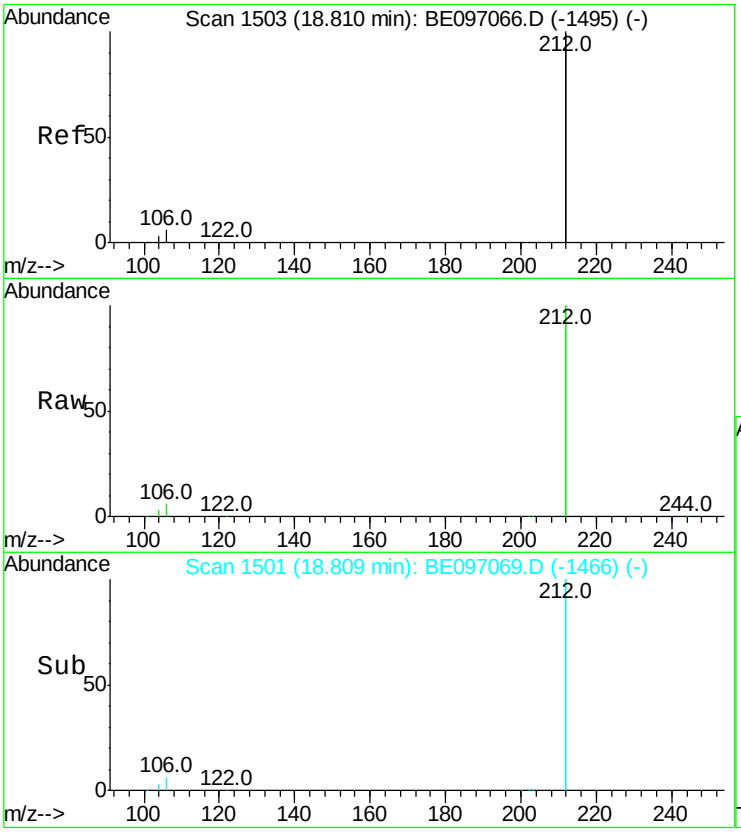


#24
Anthracene
Concen: 3.849 ng
RT: 16.89 min Scan# 1271
Delta R.T. -0.01 min
Lab File: BE097069.D
Acq: 24 Jul 2018 11:59

Tgt Ion:178 Resp: 83125

Ion	Ratio	Lower	Upper
178	100		
176	18.7	12.8	19.2
179	15.2	13.0	19.6



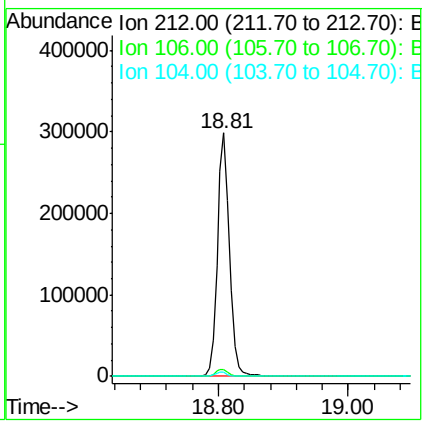


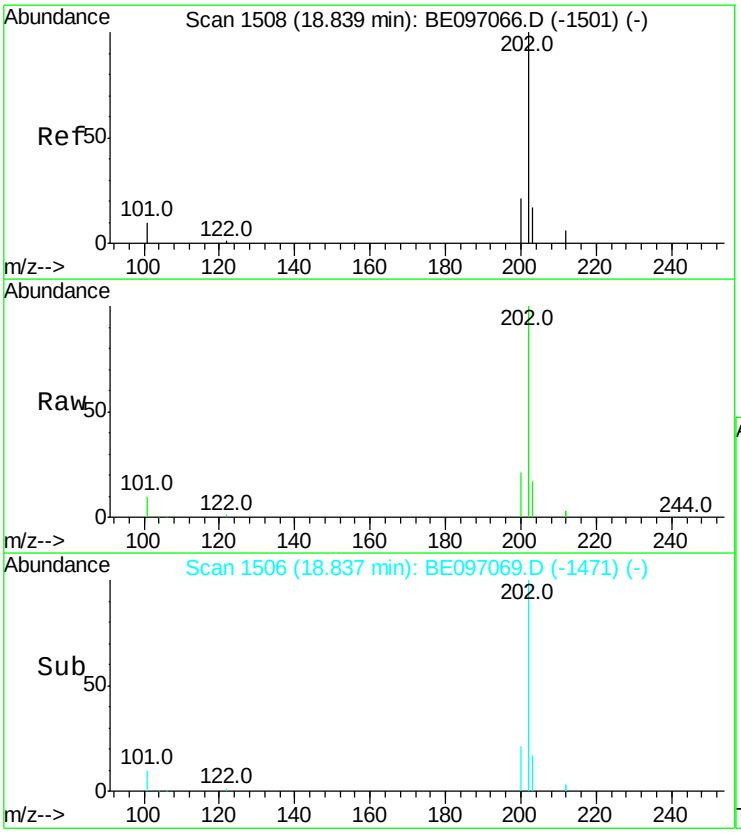
#25
Fluoranthene-d10
Concen: 4.320 ng
RT: 18.81 min Scan# 1501
Delta R.T. -0.00 min
Lab File: BE097069.D
Acq: 24 Jul 2018 11:59

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tgt Ion:212 Resp: 389510

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

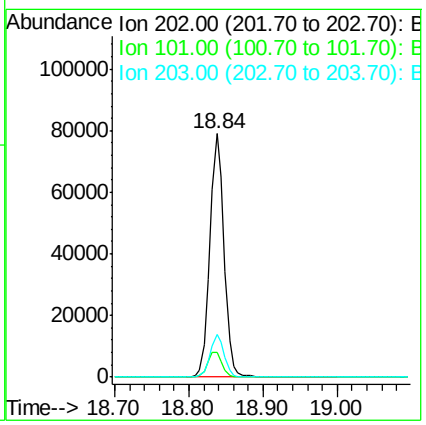


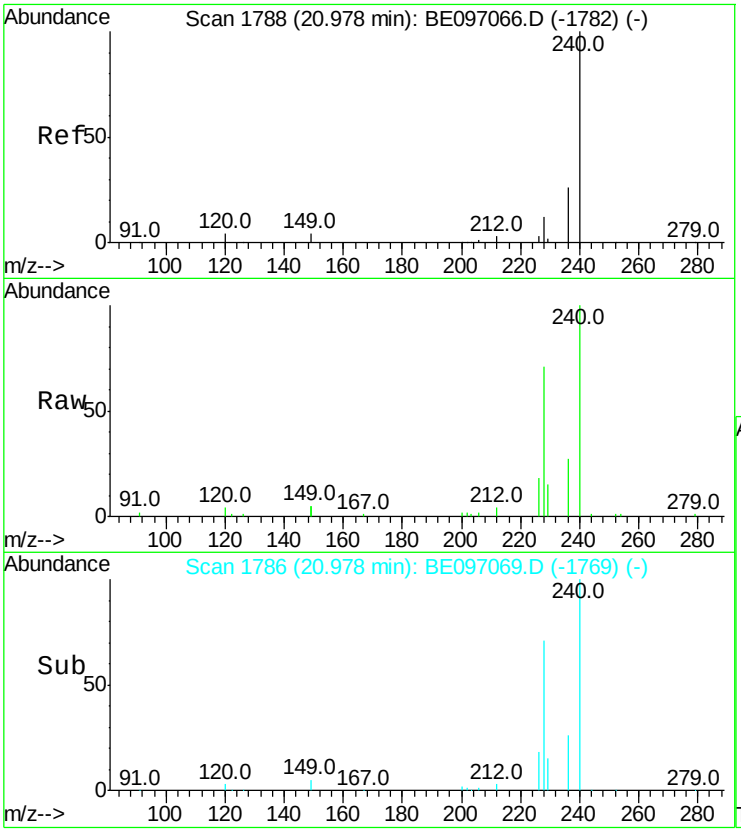


#26
Fluoranthene
Concen: 3.979 ng
RT: 18.84 min Scan# 1506
Delta R.T. -0.00 min
Lab File: BE097069.D
Acq: 24 Jul 2018 11:59

Tgt Ion:202 Resp: 104146

Ion	Ratio	Lower	Upper
202	100		
101	10.8	9.8	14.8
203	17.4	13.7	20.5



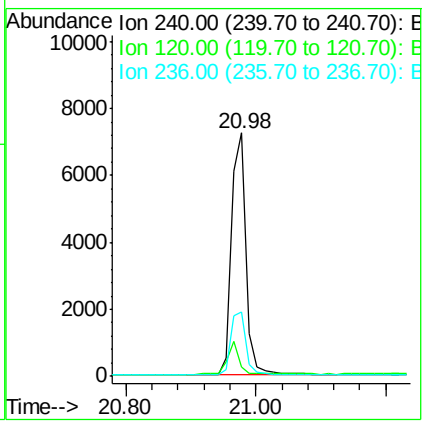


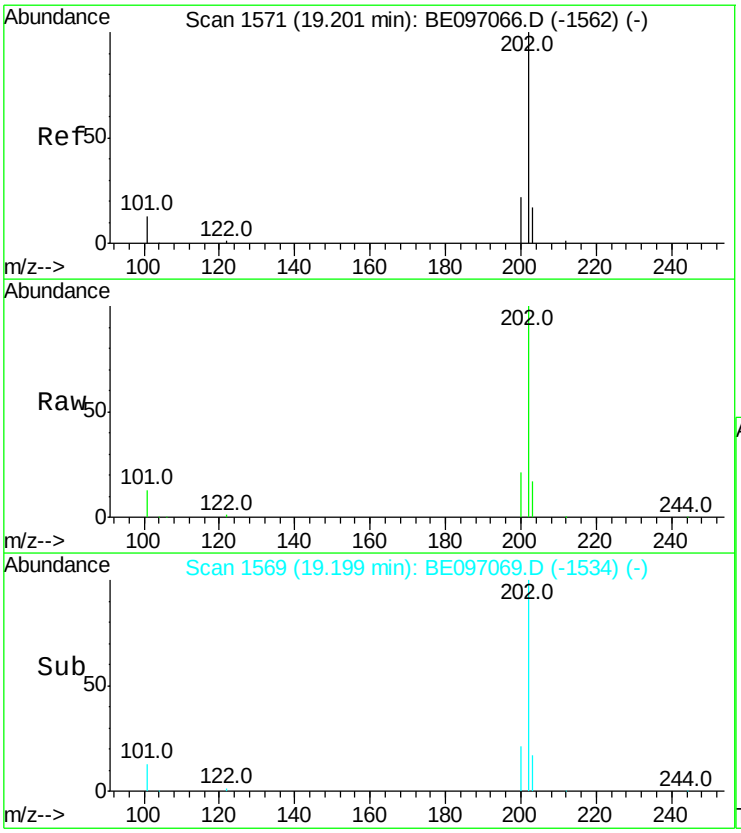
#27
Chrysene-d12
Concen: 0.400 ng
RT: 20.98 min Scan# 1786
Delta R.T. -0.00 min
Lab File: BE097069.D
Acq: 24 Jul 2018 11:59

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tgt Ion:240 Resp: 11419

Ion	Ratio	Lower	Upper
240	100		
120	4.1	5.5	8.3#
236	26.5	20.7	31.1

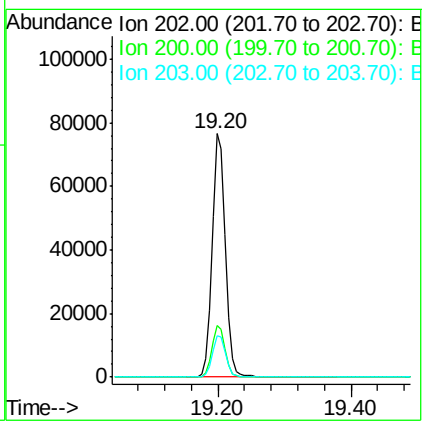


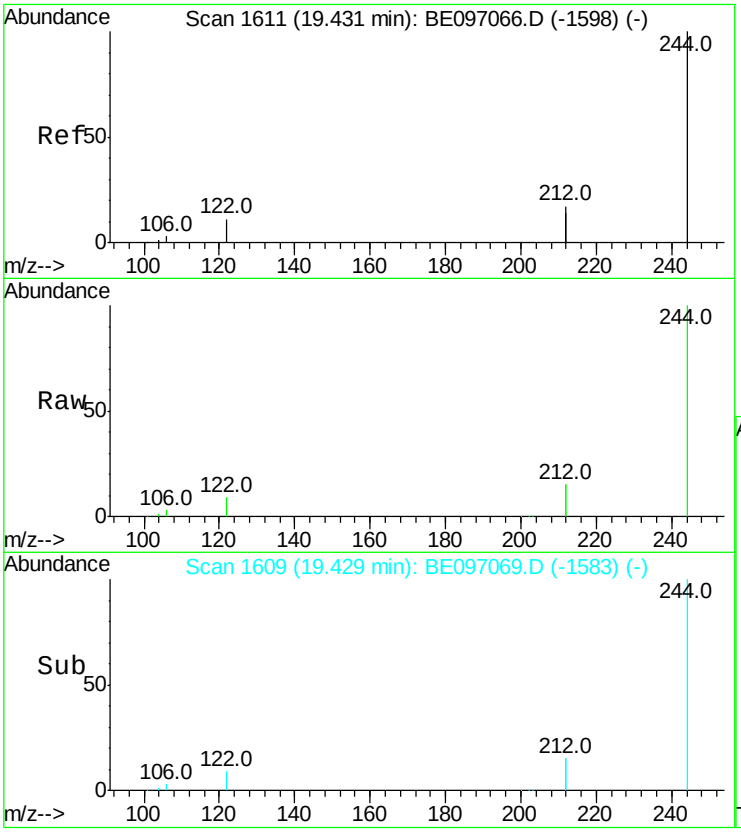


#28
Pyrene
Concen: 3.085 ng
RT: 19.20 min Scan# 1569
Delta R.T. -0.00 min
Lab File: BE097069.D
Acq: 24 Jul 2018 11:59

Tgt Ion:202 Resp: 103970

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



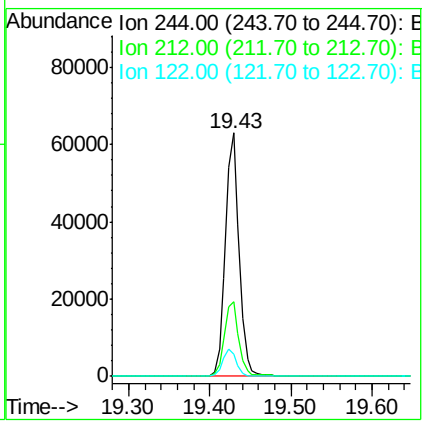


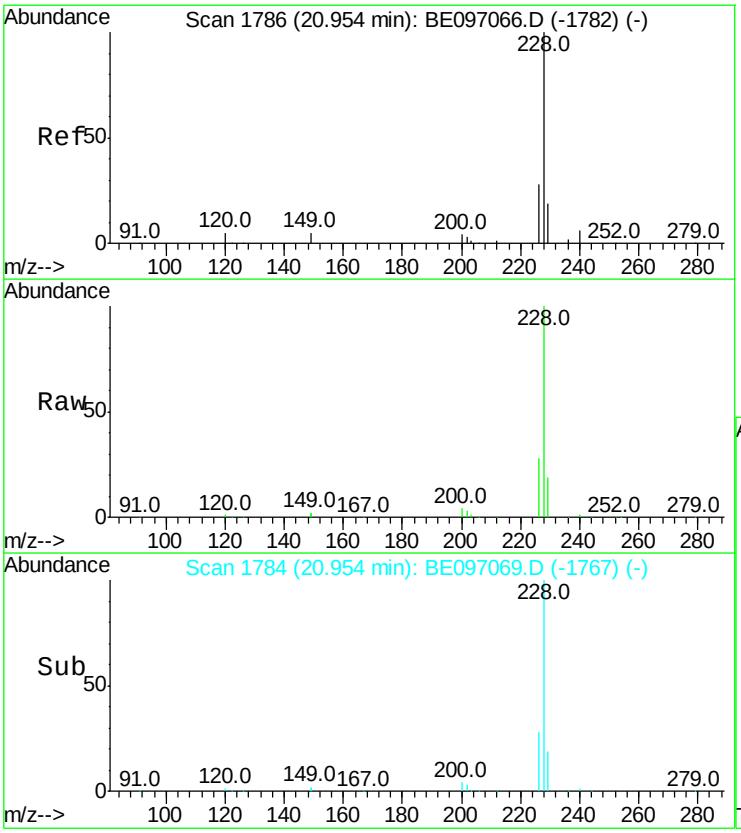
#29
Terphenyl-d14
Concen: 3.345 ng
RT: 19.43 min Scan# 1609
Delta R.T. -0.00 min
Lab File: BE097069.D
Acq: 24 Jul 2018 11:59

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tgt Ion:244 Resp: 73683

Ion	Ratio	Lower	Upper
244	100		
212	30.5	25.4	38.0
122	9.2	8.1	12.1

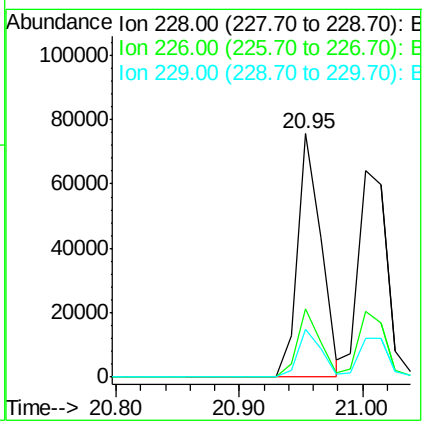


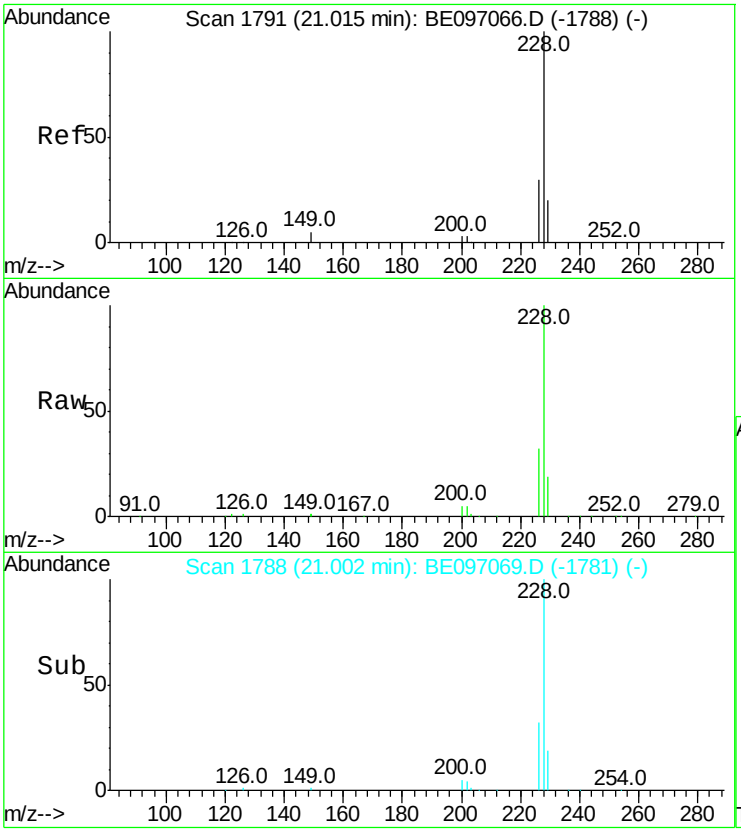


#30
Benzo(a)anthracene
Concen: 3.662 ng
RT: 20.95 min Scan# 1784
Delta R.T. -0.00 min
Lab File: BE097069.D
Acq: 24 Jul 2018 11:59

Tgt Ion:228 Resp: 99577

Ion	Ratio	Lower	Upper
228	100		
226	27.9	24.0	36.0
229	19.5	16.0	24.0



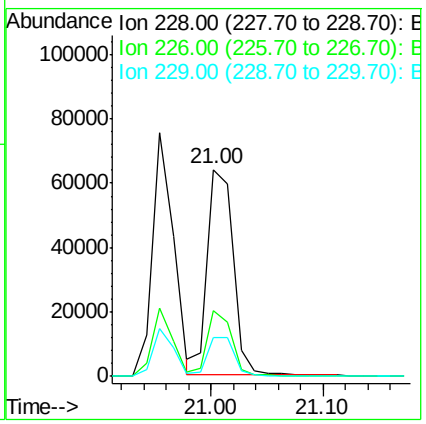


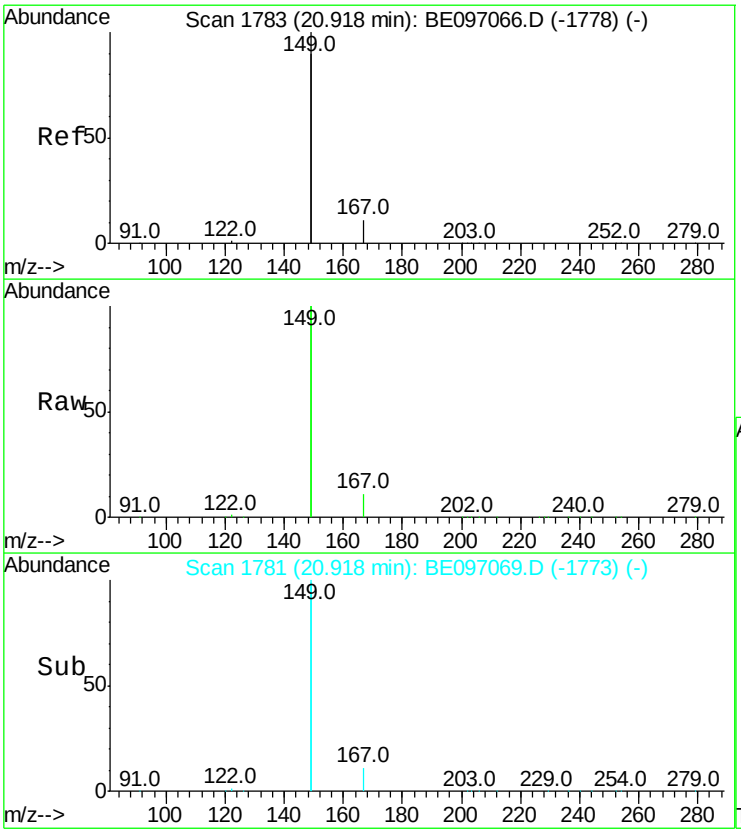
#31
Chrysene
Concen: 3.364 ng
RT: 21.00 min Scan# 1788
Delta R.T. -0.01 min
Lab File: BE097069.D
Acq: 24 Jul 2018 11:59

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tgt Ion:228 Resp: 102617

Ion	Ratio	Lower	Upper
228	100		
226	32.0	24.0	36.0
229	19.0	16.0	24.0

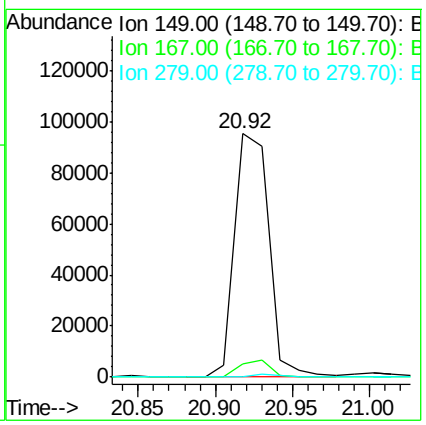


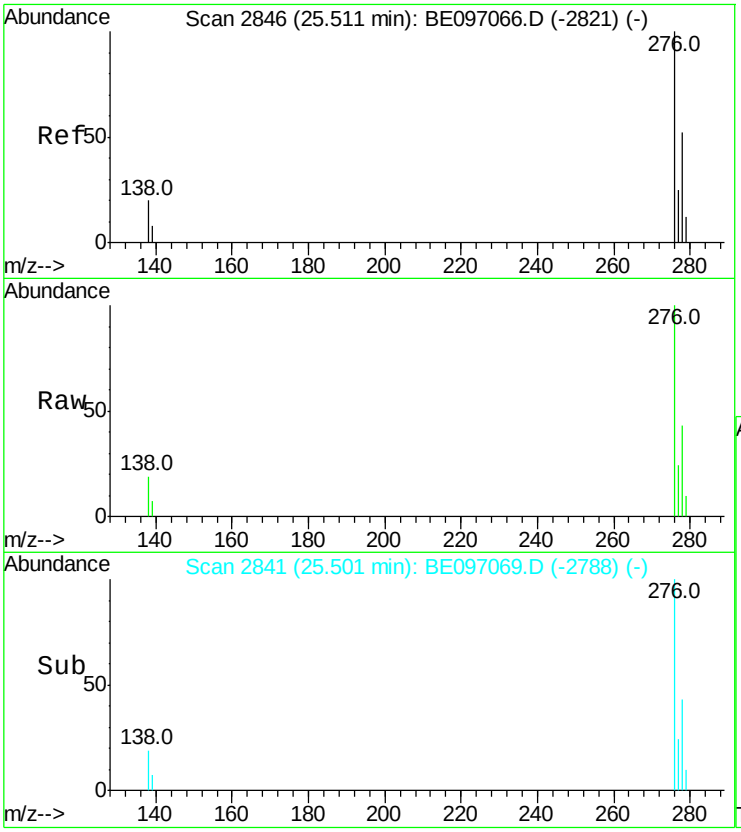


#32
Bis(2-ethylhexyl)phthalate
Concen: 5.307 ng
RT: 20.92 min Scan# 1781
Delta R.T. -0.00 min
Lab File: BE097069.D
Acq: 24 Jul 2018 11:59

Tgt Ion:149 Resp: 144047

Ion	Ratio	Lower	Upper
149	100		
167	6.3	5.4	8.0
279	0.9	0.7	1.1



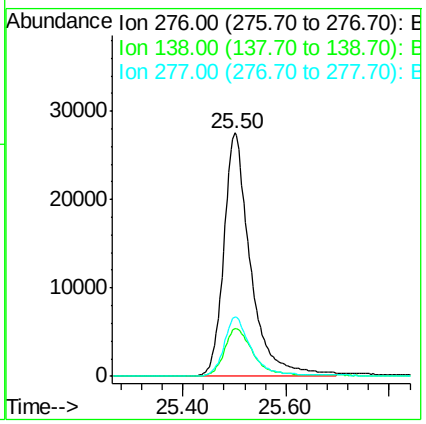


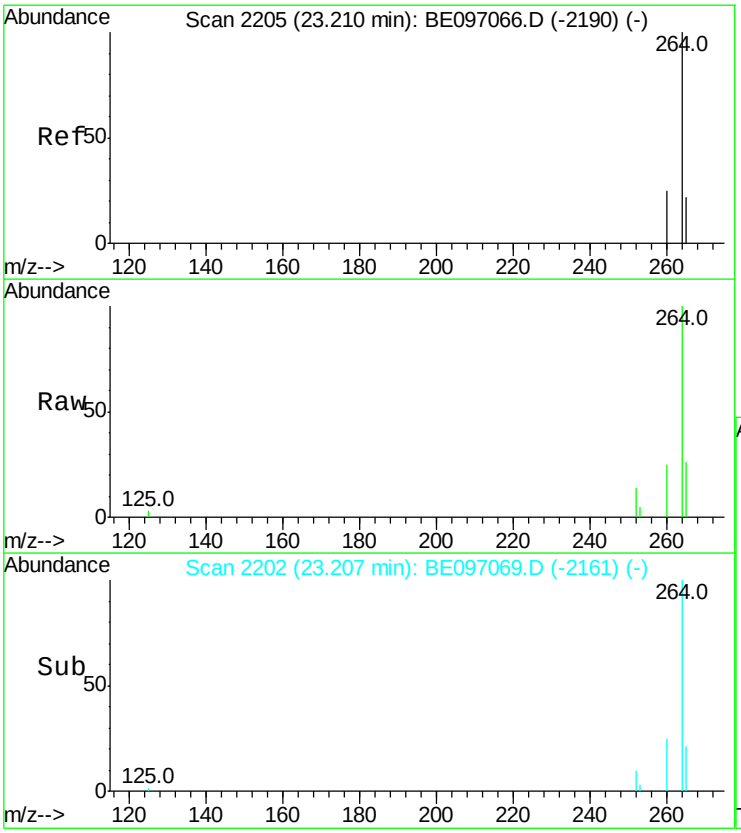
#33
Indeno(1,2,3-cd)pyrene
Concen: 4.423 ng
RT: 25.50 min Scan# 2841
Delta R.T. -0.01 min
Lab File: BE097069.D
Acq: 24 Jul 2018 11:59

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tgt Ion:276 Resp: 98268

Ion	Ratio	Lower	Upper
276	100		
138	21.2	22.5	33.7#
277	24.7	19.9	29.9

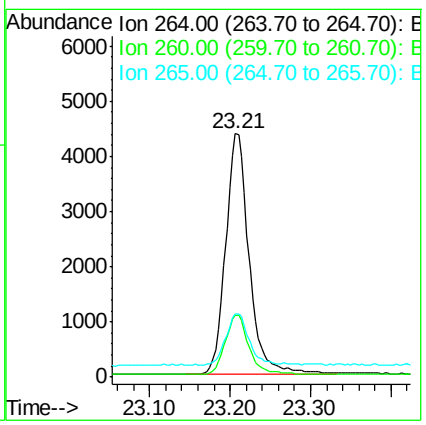


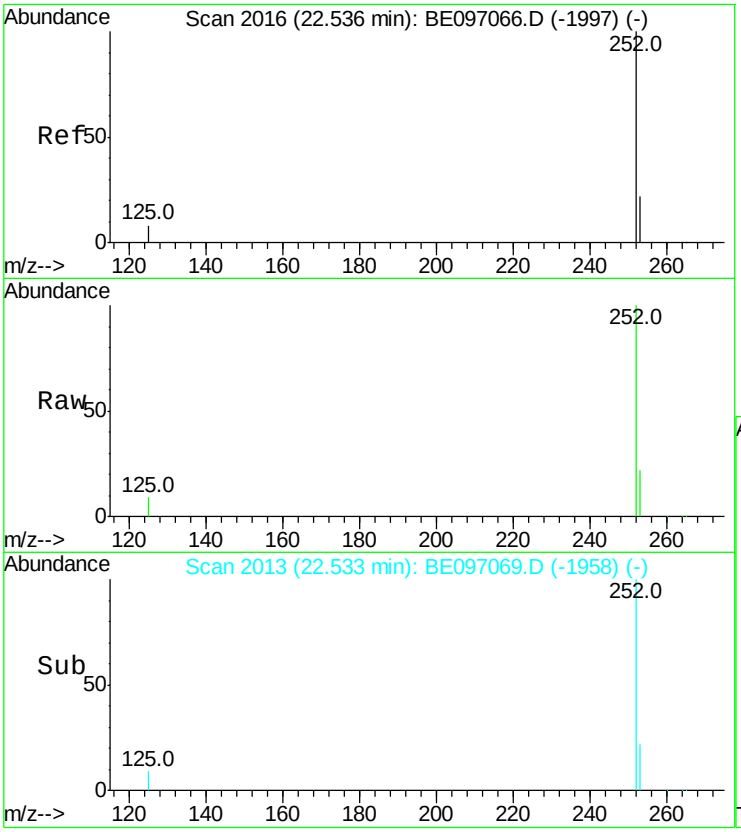


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.21 min Scan# 2202
Delta R.T. -0.00 min
Lab File: BE097069.D
Acq: 24 Jul 2018 11:59

Tgt Ion:264 Resp: 8871

Ion	Ratio	Lower	Upper
264	100		
260	25.4	20.5	30.7
265	25.8	22.8	34.2



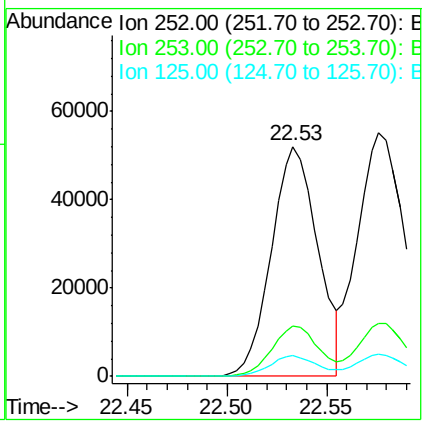


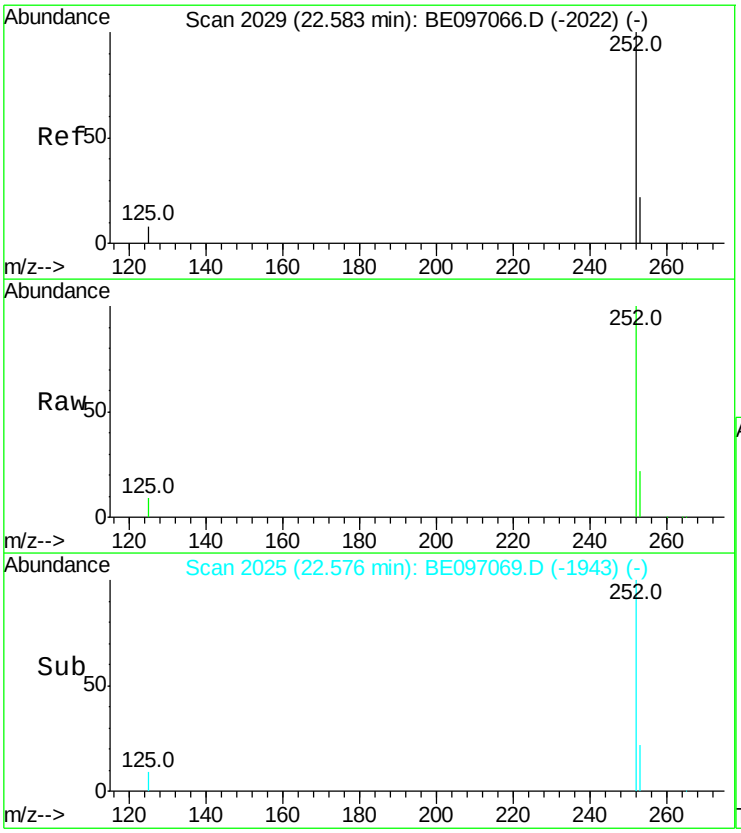
#35
Benzo(b)fluoranthene
Concen: 3.702 ng
RT: 22.53 min Scan# 2013
Delta R.T. -0.00 min
Lab File: BE097069.D
Acq: 24 Jul 2018 11:59

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tgt Ion:252 Resp: 83807

Ion	Ratio	Lower	Upper
252	100		
253	22.0	20.0	30.0
125	9.2	16.0	24.0#

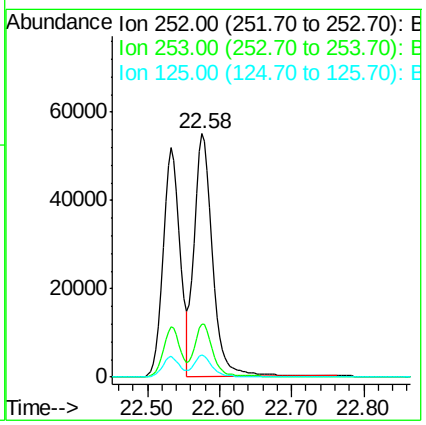


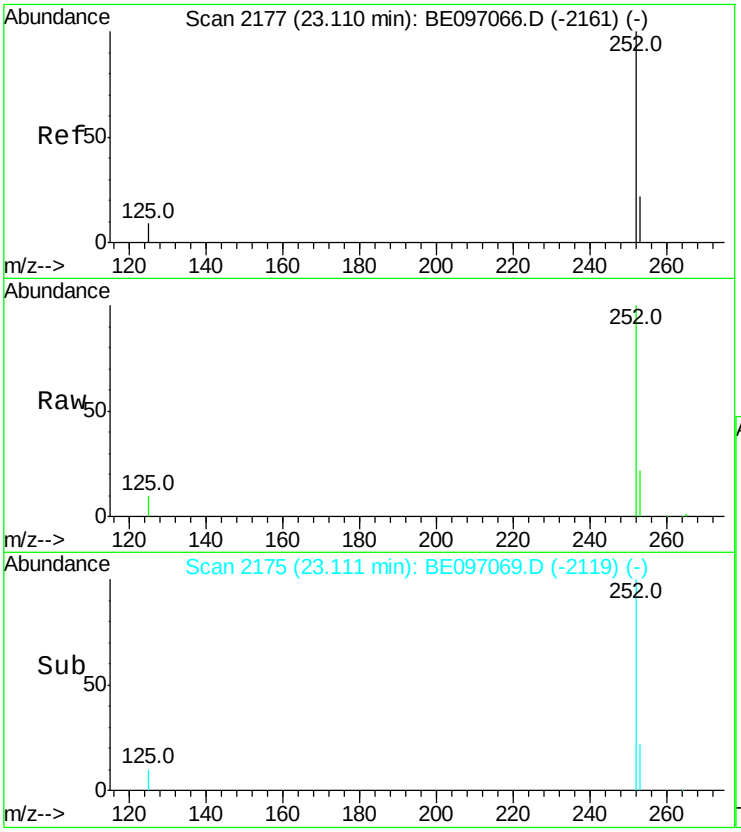


#36
Benzo(k)fluoranthene
Concen: 3.632 ng
RT: 22.58 min Scan# 2025
Delta R.T. -0.01 min
Lab File: BE097069.D
Acq: 24 Jul 2018 11:59

Tgt Ion:252 Resp: 97808

Ion	Ratio	Lower	Upper
252	100		
253	21.9	16.0	24.0
125	9.2	8.0	12.0



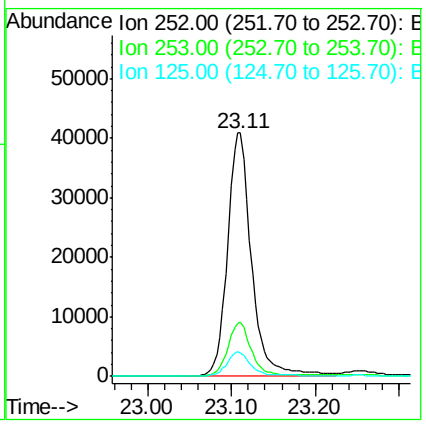


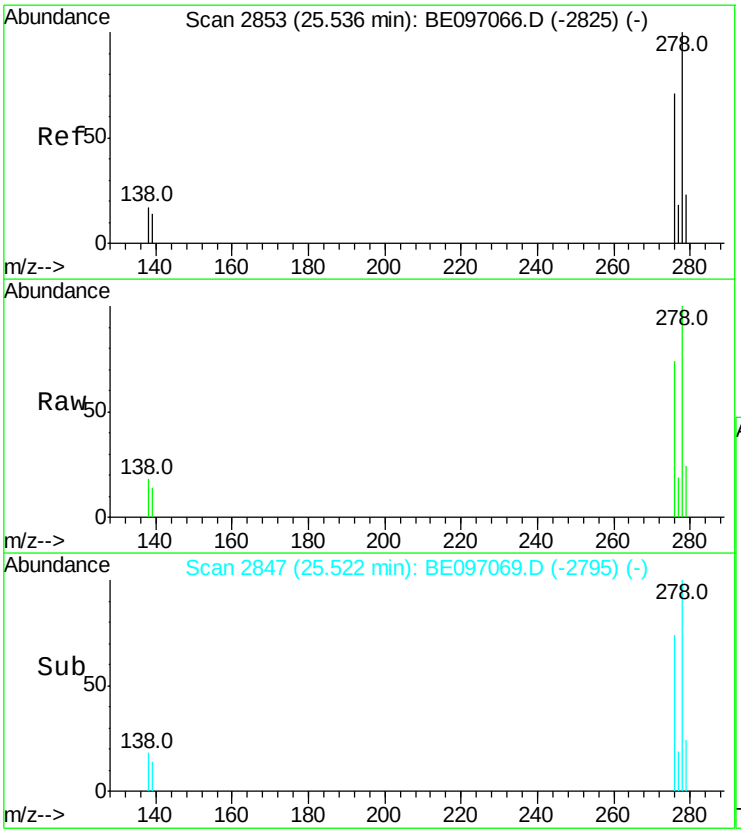
#37
Benzo(a)pyrene
Concen: 3.976 ng
RT: 23.11 min Scan# 2175
Delta R.T. 0.00 min
Lab File: BE097069.D
Acq: 24 Jul 2018 11:59

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tgt Ion:252 Resp: 80531

Ion	Ratio	Lower	Upper
252	100		
253	22.2	16.0	24.0
125	9.8	12.0	18.0#

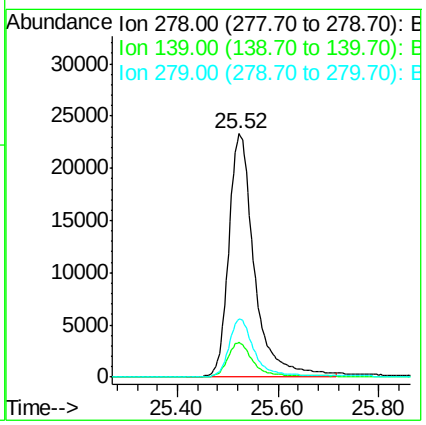


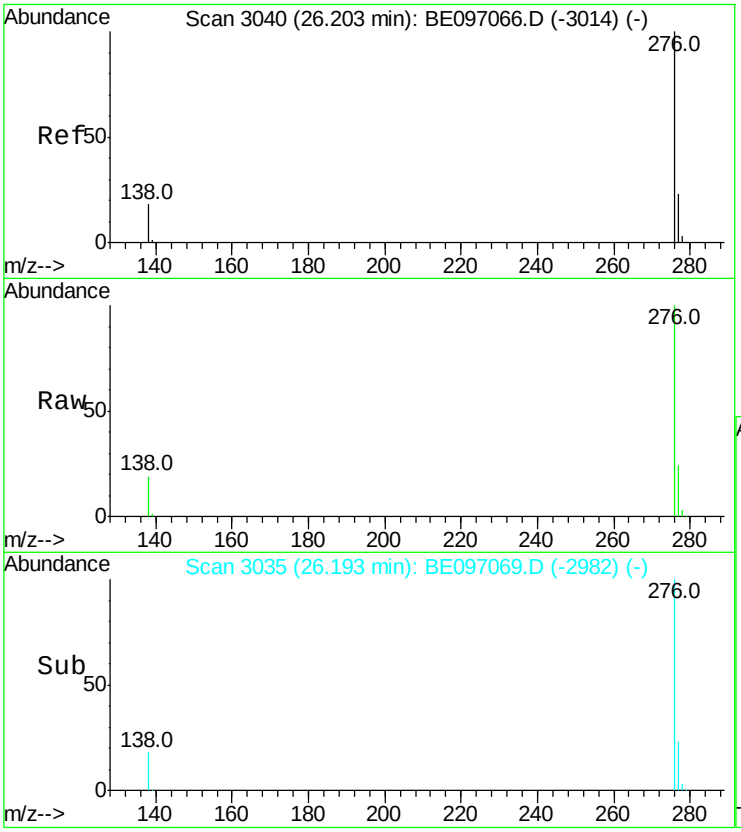


#38
Dibenzo(a,h)anthracene
Concen: 4.973 ng
RT: 25.52 min Scan# 2847
Delta R.T. -0.01 min
Lab File: BE097069.D
Acq: 24 Jul 2018 11:59

Tgt Ion:278 Resp: 82232

Ion	Ratio	Lower	Upper
278	100		
139	14.3	16.0	24.0#
279	24.0	20.0	30.0





#39
Benzo(g,h,i)perylene
Concen: 4.497 ng
RT: 26.19 min Scan# 3035
Delta R.T. -0.01 min
Lab File: BE097069.D
Acq: 24 Jul 2018 11:59

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tgt Ion:276 Resp: 82773

Ion	Ratio	Lower	Upper
276	100		
277	23.7	16.0	24.0
138	18.6	20.0	30.0#