Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE092418\
Data File : BE097645.D
Acq On : 24 Sep 2018 15:08
Operator : SJ/JU
Sample : SSTDICC0.2
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : SSTDICC0.2

Quant Time: Sep 24 16:29:21 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 16:28:05 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.38	152	684	0.40	ng		0.00
7) Naphthalene-d8	10.13	136	3481	0.40	ng		0.00
13) Acenaphthene-d10	14.00	164	2515	0.40	ng		0.00
19) Phenanthrene-d10	16.76	188	8067	0.40	ng		0.01
27) Chrysene-d12	20.97	240	8415	0.40	ng		0.00
34) Perylene-d12	23.21	264	8016	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.07	112	335	0.16	ng		0.01
5) Phenol-d6	6.64	99	257	0.10	ng		0.02
8) Nitrobenzene-d5	8.57	82	341	0.13	ng		0.02
11) 2-Methylnaphthalene-d10	11.74	152	1074	0.22	ng		0.02
14) 2,4,6-Tribromophenol	15.54	330	159	0.15	ng		0.01
15) 2-Fluorobiphenyl	12.64	172	1577	0.18	ng		0.01
25) Fluoranthene-d10	18.81	212	16954	0.16	ng		0.00
29) Terphenyl-d14	19.42	244	3230	0.21	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.07	88	321	0.265	ng	#	72
3) n-Nitrosodimethylamine	3.40	42	124	0.116	ng	#	92
6) bis(2-Chloroethyl)ether	6.85	93	423	0.174	ng	#	53
9) Naphthalene	10.19	128	6401	0.204	ng	#	95
10) Hexachlorobutadiene	10.46	225	288	0.199	ng		96
12) 2-Methylnaphthalene	11.82	142	935	0.191	ng		96
16) Acenaphthylene	13.73	152	1837	0.185	ng		98
17) Acenaphthene	14.07	154	1276	0.191	ng		96
18) Fluorene	15.07	166	1758	0.202	ng	#	80
20) 4-Bromophenyl-phenylether	15.97	248	671	0.184	ng	#	84
21) Hexachlorobenzene	16.08	284	818	0.205	ng	#	83
22) Pentachlorophenol	16.46	266	120	0.086	ng		92
23) Phenanthrene	16.80	178	3546	0.185	ng		99
24) Anthracene	16.90	178	2778	0.164	ng		95
26) Fluoranthene	18.84	202	4136	0.156	ng		98
28) Pyrene	19.21	202	4452	0.232	ng		100
30) Benzo(a)anthracene	20.95	228	3387	0.160	ng		97
31) Chrysene	21.00	228	4833	0.213	ng		98
32) Bis(2-ethylhexyl)phthalate	20.89	149	4247	0.101	ng	#	98
33) Indeno(1,2,3-cd)pyrene	25.52	276	4793	0.175	ng	#	92
35) Benzo(b)fluoranthene	22.54	252	3760	0.183	ng	#	93
36) Benzo(k)fluoranthene	22.58	252	4518	0.192	ng	#	91
37) Benzo(a)pyrene	23.11	252	3844	0.182	ng	#	87
38) Dibenzo(a,h)anthracene	25.54	278	3860	0.179	ng		95
39) Benzo(g,h,i)perylene	26.22	276	3946	0.188	ng	#	89

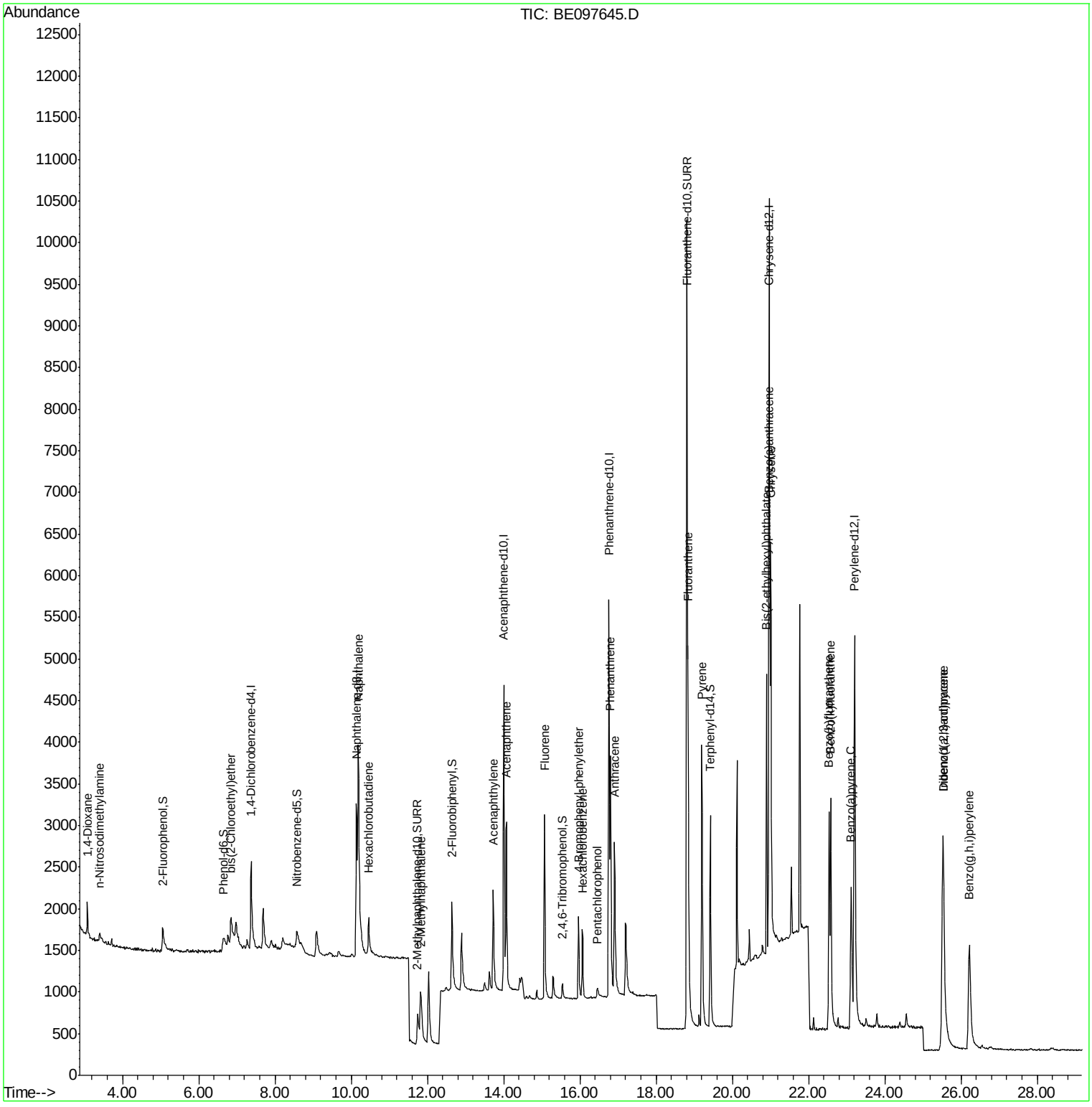
(#) = qualifier out of range (m) = manual integration (+) = signals summed

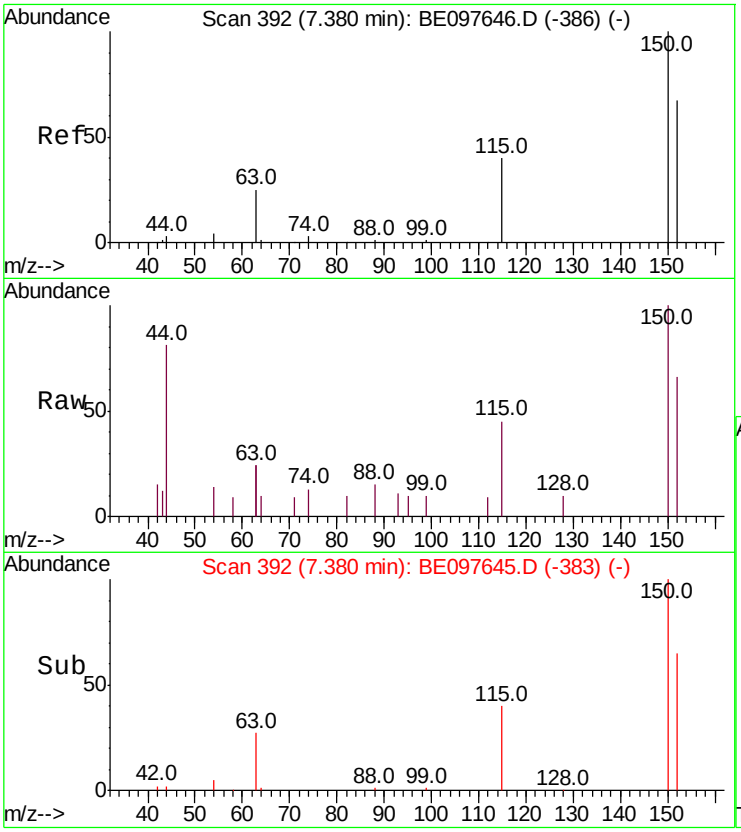
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE092418\
Data File : BE097645.D
Acq On : 24 Sep 2018 15:08
Operator : SJ/JU
Sample : SSTDICC0.2
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Quant Time: Sep 24 16:29:21 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 16:28:05 2018
Response via : Initial Calibration



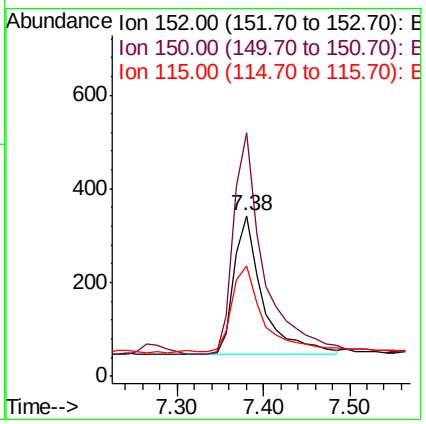


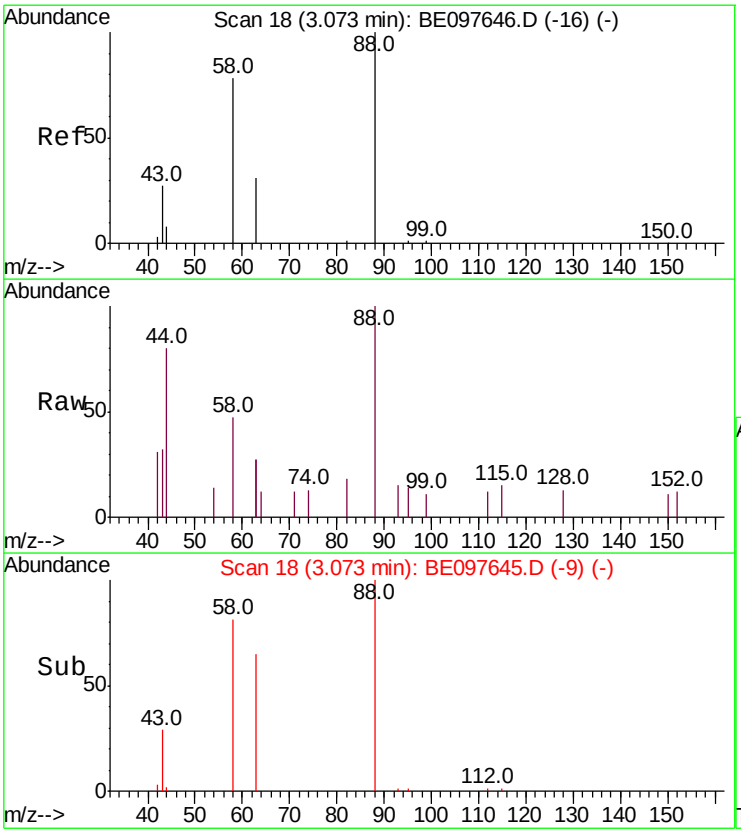
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.38 min Scan# 392
Delta R.T. 0.00 min
Lab File: BE097645.D
Acq: 24 Sep 2018 15:08

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:152 Resp: 684

Ion	Ratio	Lower	Upper
152	100		
150	151.8	117.2	175.8
115	69.0	57.0	85.6

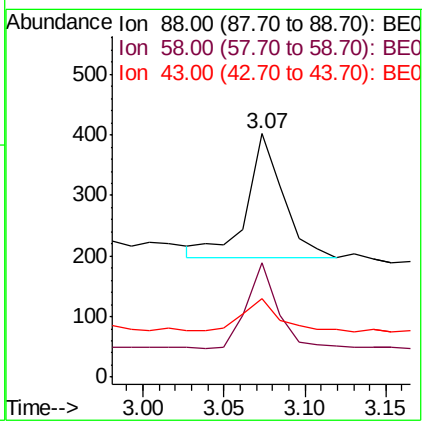


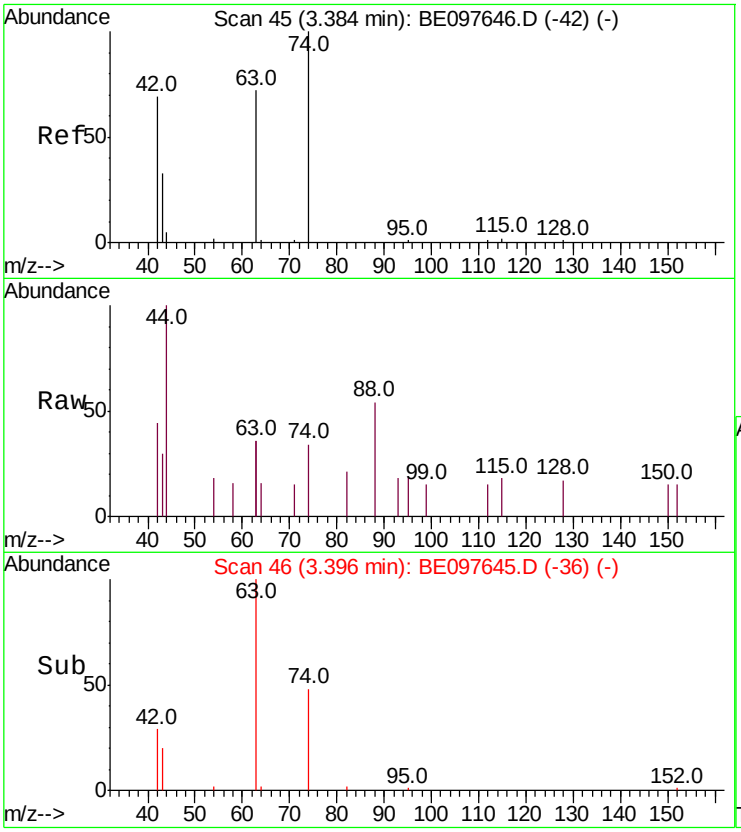


#2
1,4-Dioxane
Concen: 0.265 ng
RT: 3.07 min Scan# 18
Delta R.T. 0.00 min
Lab File: BE097645.D
Acq: 24 Sep 2018 15:08

Tgt Ion: 88 Resp: 321

Ion	Ratio	Lower	Upper
88	100		
58	58.3	63.2	94.8#
43	27.4	41.2	61.8#



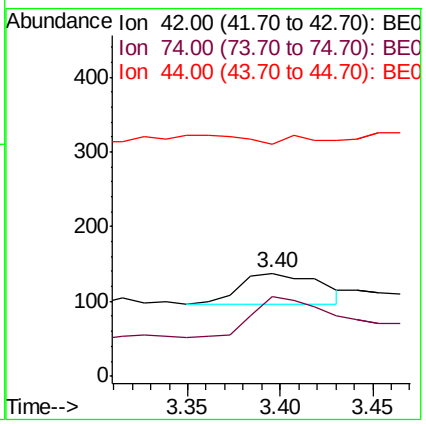


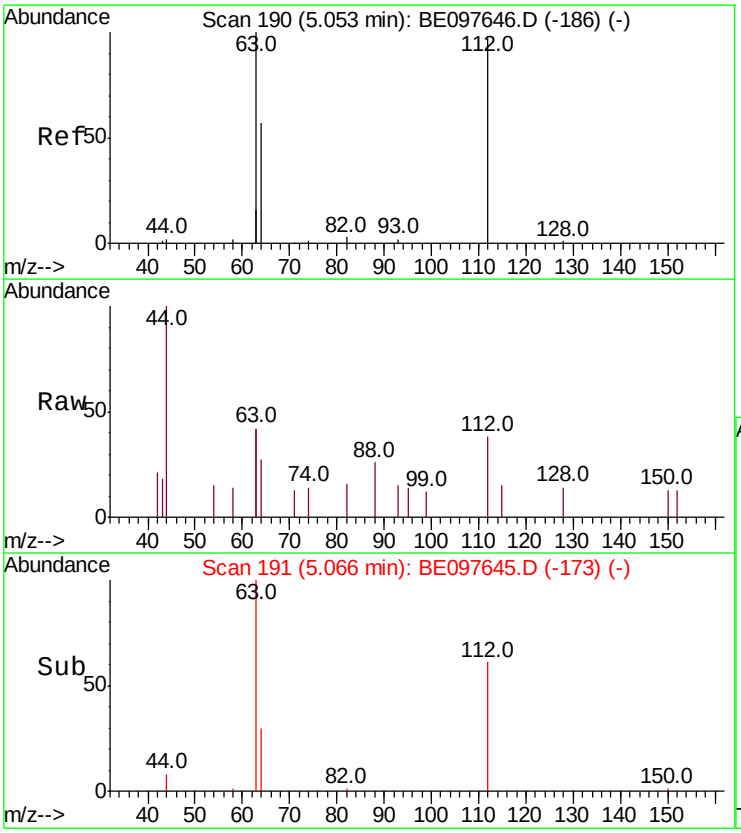
#3
n-Nitrosodimethylamine
Concen: 0.116 ng
RT: 3.40 min Scan# 46
Delta R.T. 0.01 min
Lab File: BE097645.D
Acq: 24 Sep 2018 15:08

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion: 42 Resp: 124

Ion	Ratio	Lower	Upper
42	100		
74	128.2	96.0	144.0
44	11.3	12.0	18.0#

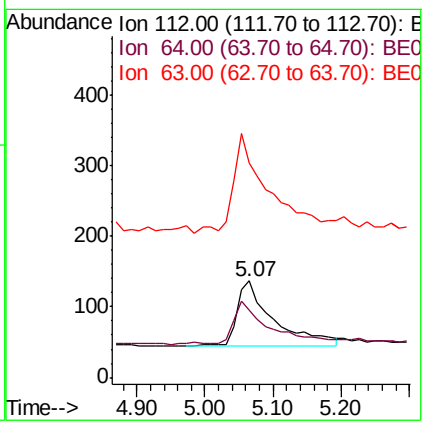


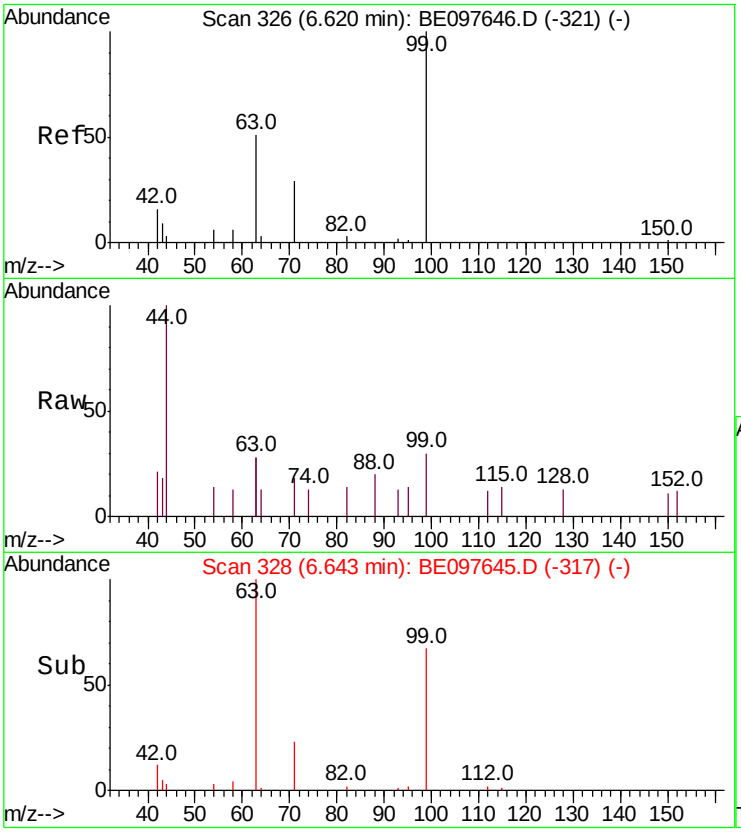


#4
2-Fluorophenol
Concen: 0.163 ng
RT: 5.07 min Scan# 191
Delta R.T. 0.01 min
Lab File: BE097645.D
Acq: 24 Sep 2018 15:08

Tgt Ion:112 Resp: 335

Ion	Ratio	Lower	Upper
112	100		
64	63.9	60.1	90.1
63	156.7	116.8	175.2



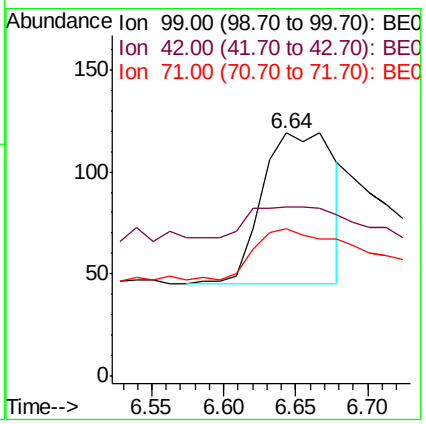


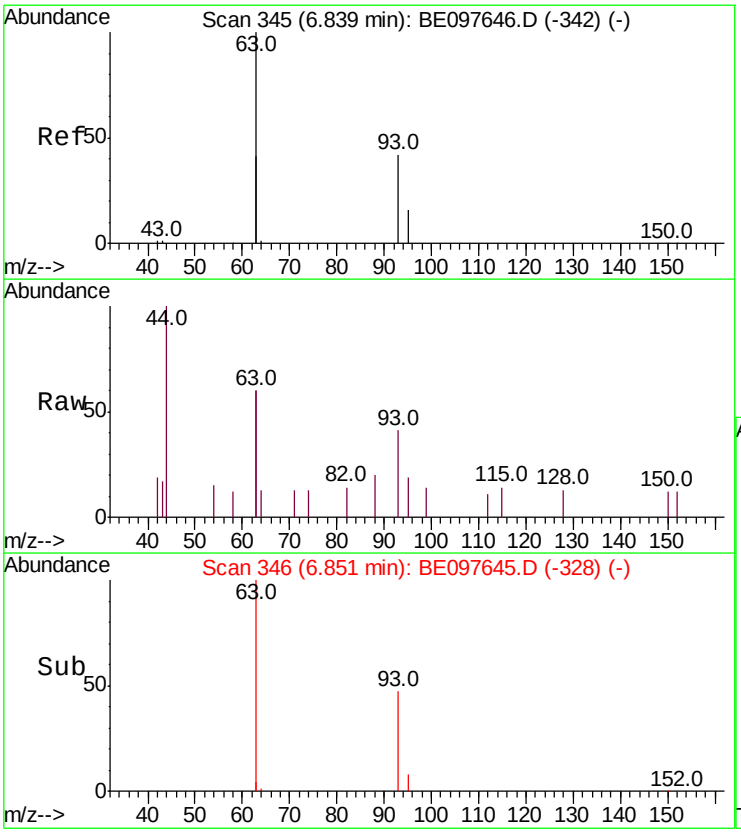
#5
Phenol-d6
Concen: 0.098 ng
RT: 6.64 min Scan# 328
Delta R.T. 0.02 min
Lab File: BE097645.D
Acq: 24 Sep 2018 15:08

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion: 99 Resp: 257

Ion	Ratio	Lower	Upper
99	100		
42	23.0	20.2	30.2
71	29.2	28.4	42.6

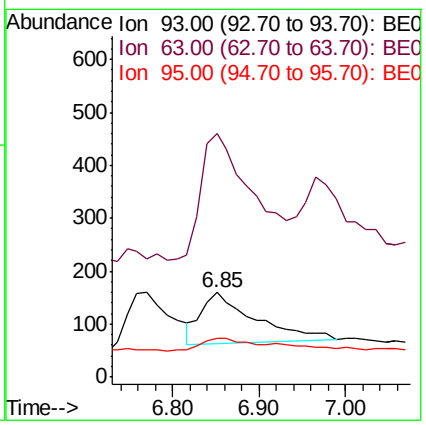


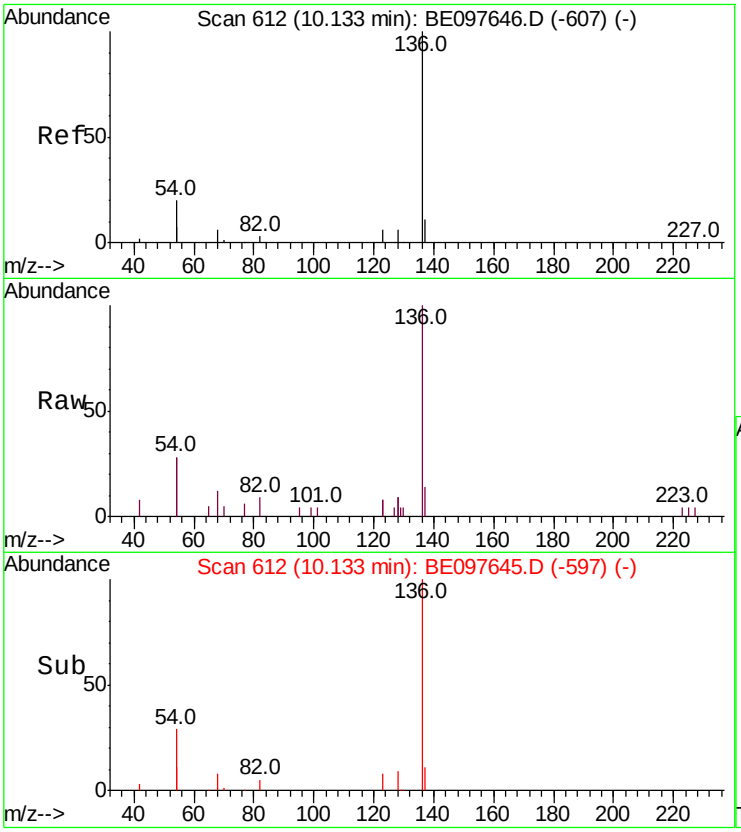


#6
bis(2-Chloroethyl)ether
Concen: 0.174 ng
RT: 6.85 min Scan# 346
Delta R.T. 0.01 min
Lab File: BE097645.D
Acq: 24 Sep 2018 15:08

Tgt Ion: 93 Resp: 423

Ion	Ratio	Lower	Upper
93	100		
63	236.9	275.3	412.9#
95	20.8	25.2	37.8#



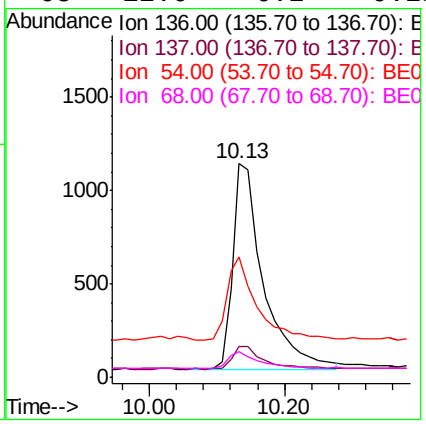


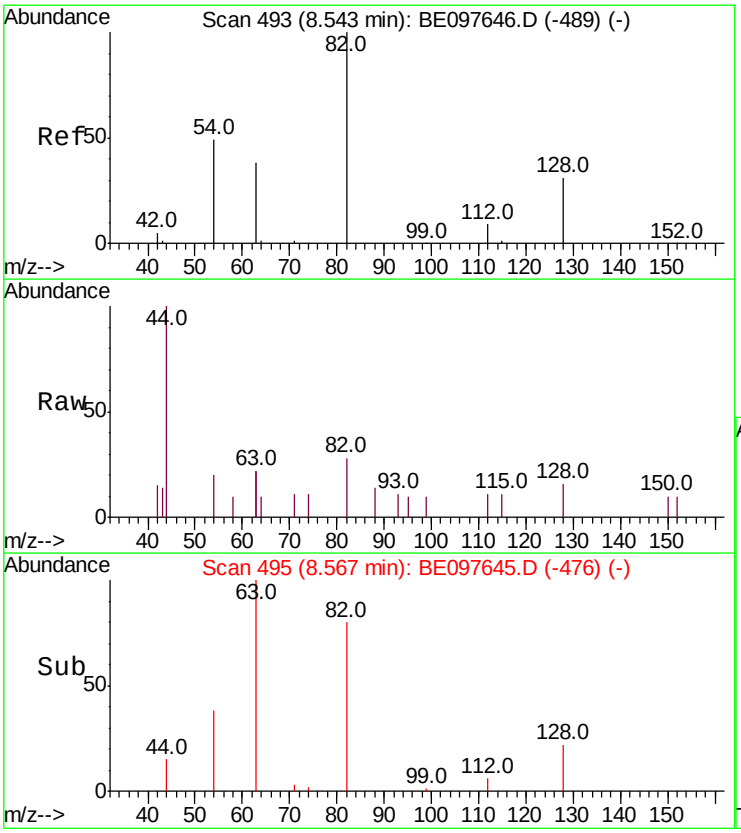
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.13 min Scan# 612
Delta R.T. -0.00 min
Lab File: BE097645.D
Acq: 24 Sep 2018 15:08

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:136 Resp: 3481

Ion	Ratio	Lower	Upper
136	100		
137	14.2	9.5	14.3
54	56.1	29.1	43.7#
68	12.0	6.2	9.2#

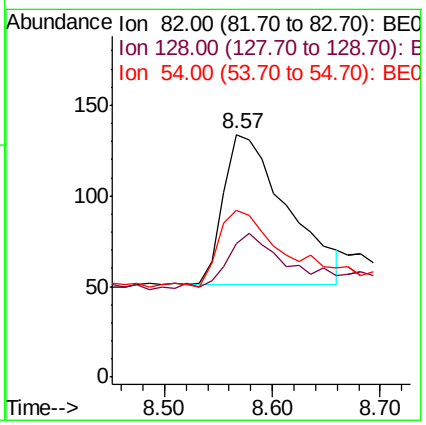


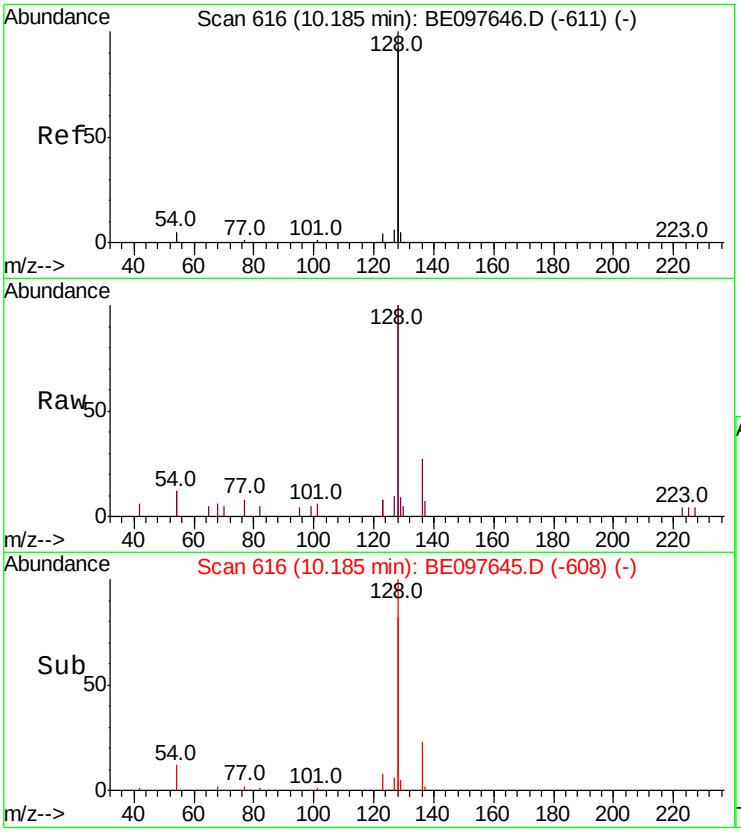


#8
Nitrobenzene-d5
Concen: 0.127 ng
RT: 8.57 min Scan# 495
Delta R.T. 0.02 min
Lab File: BE097645.D
Acq: 24 Sep 2018 15:08

Tgt Ion: 82 Resp: 341

Ion	Ratio	Lower	Upper
82	100		
128	55.2	24.0	36.0#
54	68.7	40.0	60.0#



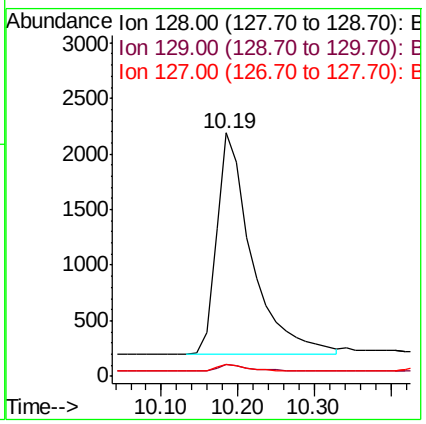


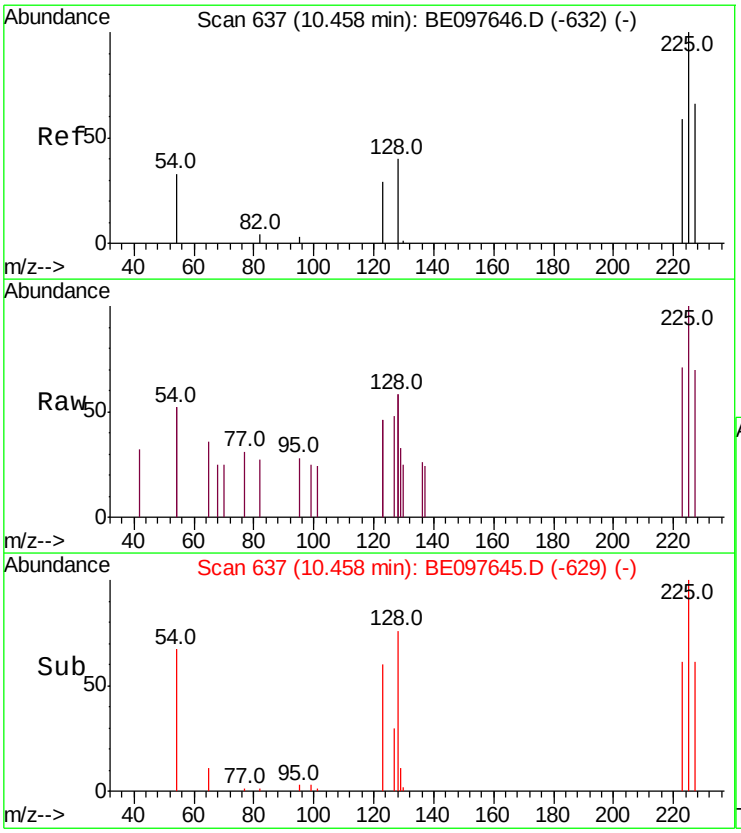
#9
Naphthalene
Concen: 0.204 ng
RT: 10.19 min Scan# 616
Delta R.T. -0.00 min
Lab File: BE097645.D
Acq: 24 Sep 2018 15:08

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:128 Resp: 6401

Ion	Ratio	Lower	Upper
128	100		
129	4.7	2.6	3.8#
127	5.0	2.8	4.2#

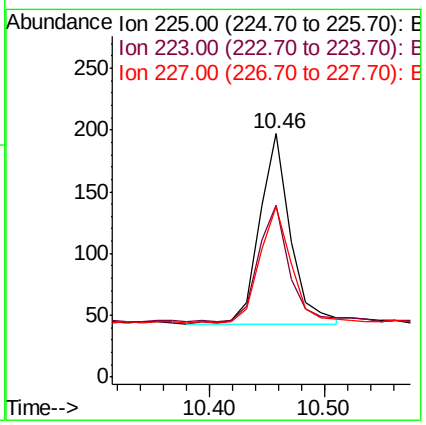


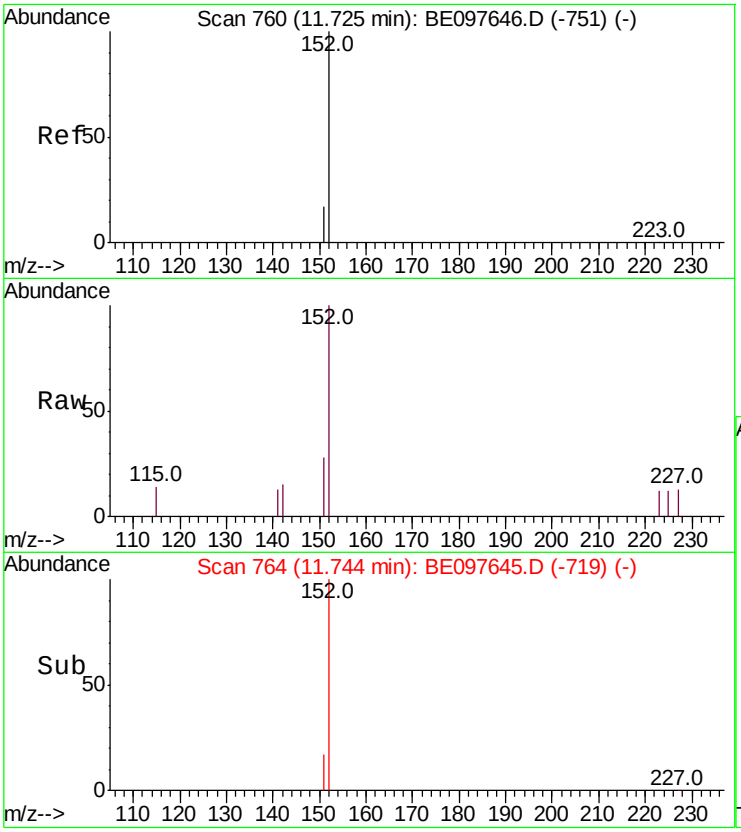


#10
Hexachlorobutadiene
Concen: 0.199 ng
RT: 10.46 min Scan# 637
Delta R.T. -0.00 min
Lab File: BE097645.D
Acq: 24 Sep 2018 15:08

Tgt Ion:225 Resp: 288

Ion	Ratio	Lower	Upper
225	100		
223	60.8	53.0	79.6
227	63.2	51.4	77.2



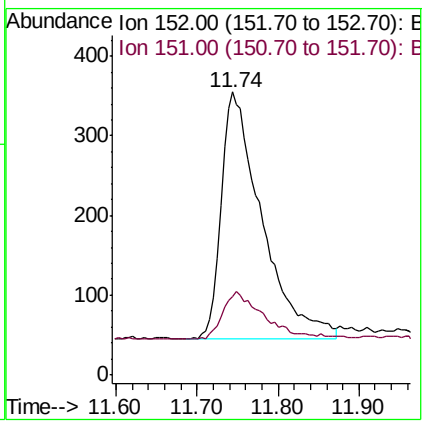


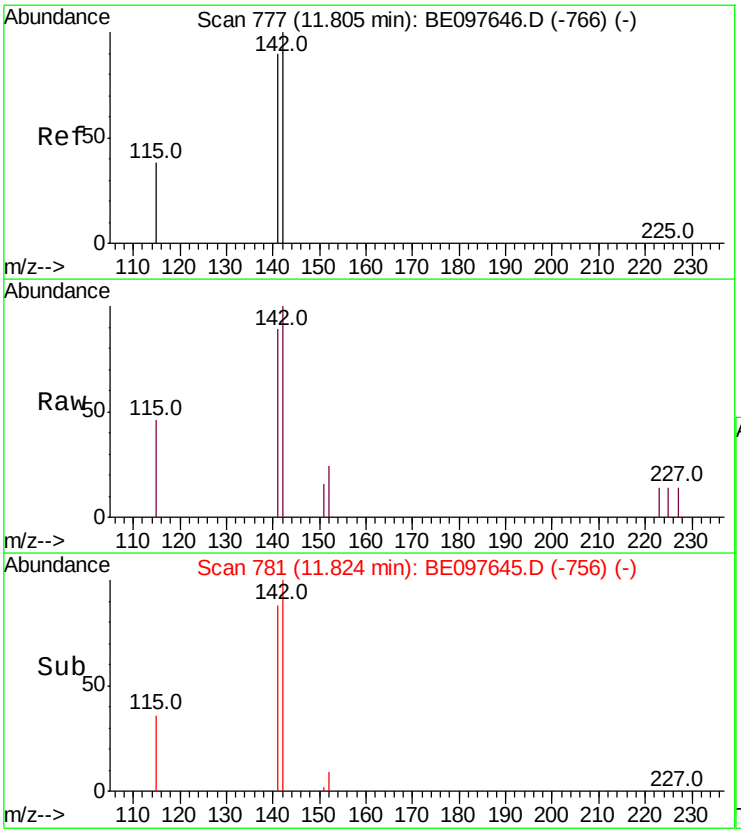
#11
2-Methylnaphthalene-d10
Concen: 0.224 ng
RT: 11.74 min Scan# 764
Delta R.T. 0.02 min
Lab File: BE097645.D
Acq: 24 Sep 2018 15:08

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:152 Resp: 1074

Ion	Ratio	Lower	Upper
152	100		
151	19.4	15.4	23.0

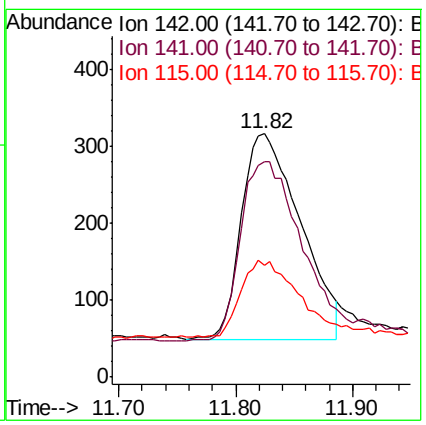


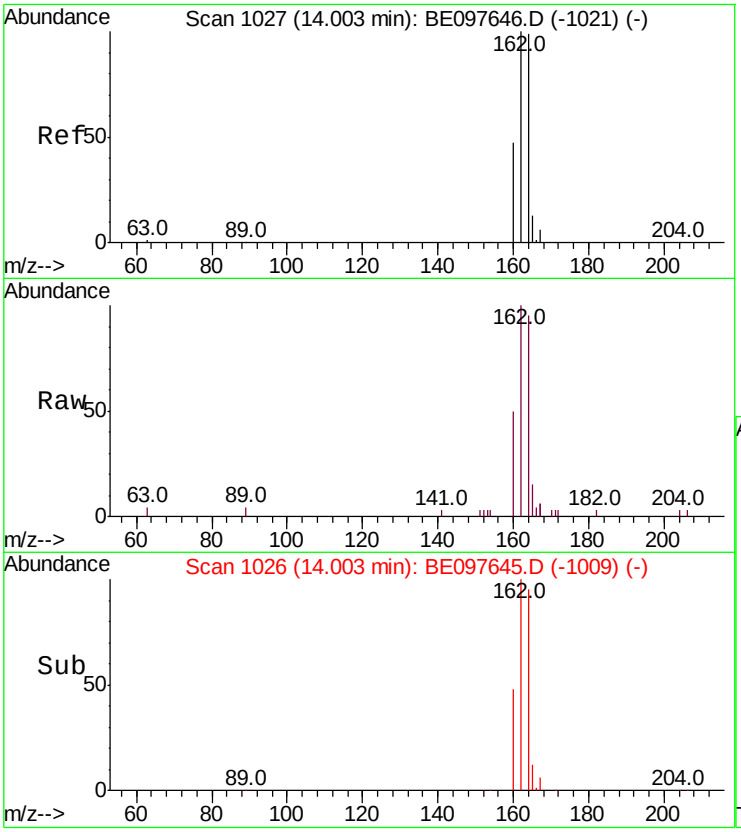


#12
2-Methylnaphthalene
Concen: 0.191 ng
RT: 11.82 min Scan# 781
Delta R.T. 0.02 min
Lab File: BE097645.D
Acq: 24 Sep 2018 15:08

Tgt Ion:142 Resp: 935

Ion	Ratio	Lower	Upper
142	100		
141	88.6	70.4	105.6
115	46.1	31.7	47.5



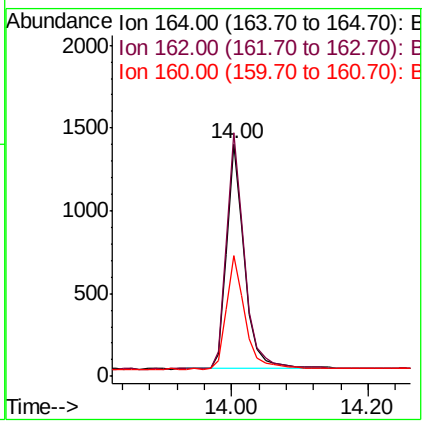


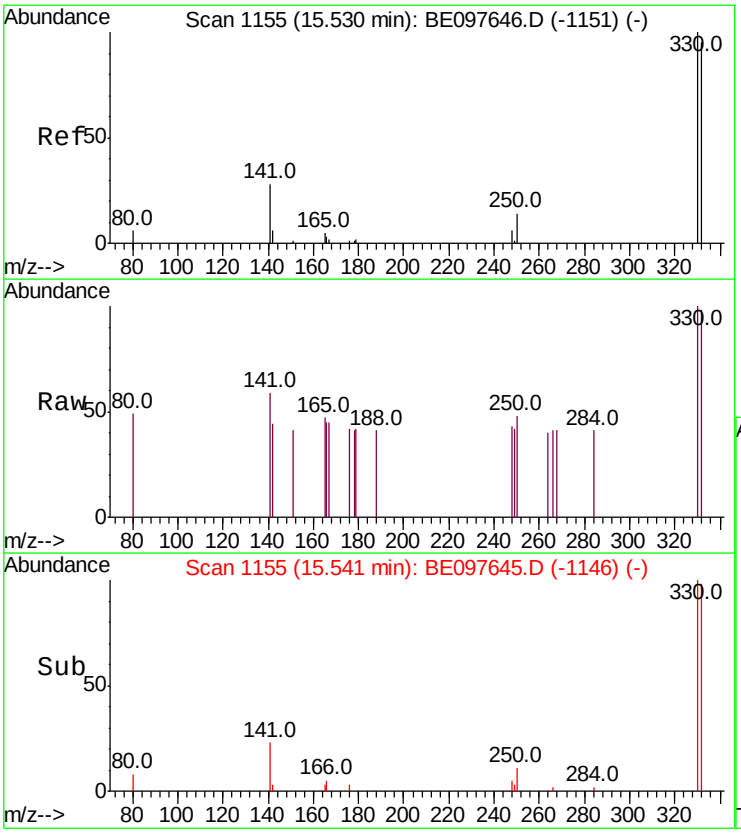
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.00 min Scan# 1026
Delta R.T. 0.00 min
Lab File: BE097645.D
Acq: 24 Sep 2018 15:08

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:164 Resp: 2515

Ion	Ratio	Lower	Upper
164	100		
162	104.8	83.1	124.7
160	52.1	37.1	55.7

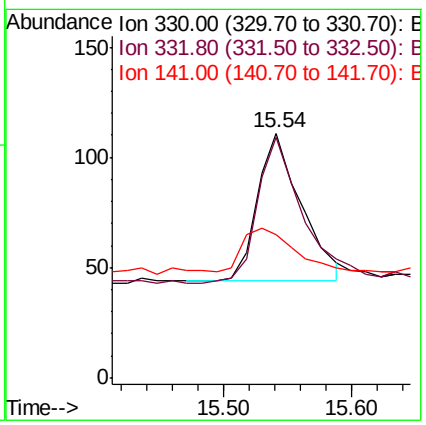


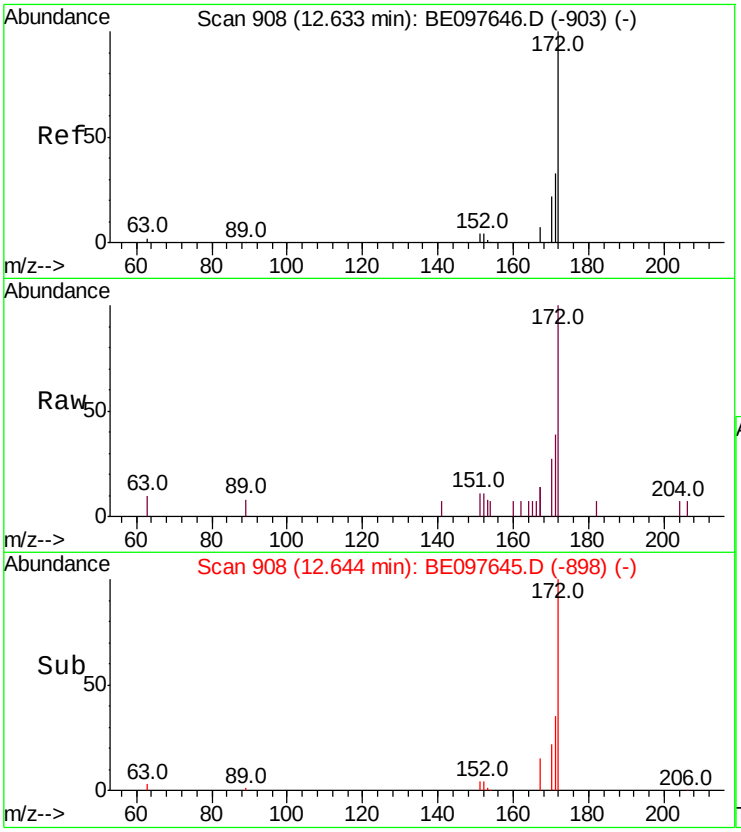


#14
2,4,6-Tribromophenol
Concen: 0.152 ng
RT: 15.54 min Scan# 1155
Delta R.T. 0.01 min
Lab File: BE097645.D
Acq: 24 Sep 2018 15:08

Tgt Ion:330 Resp: 159

Ion	Ratio	Lower	Upper
330	100		
332	100.0	152.7	229.1#
141	34.6	33.7	50.5



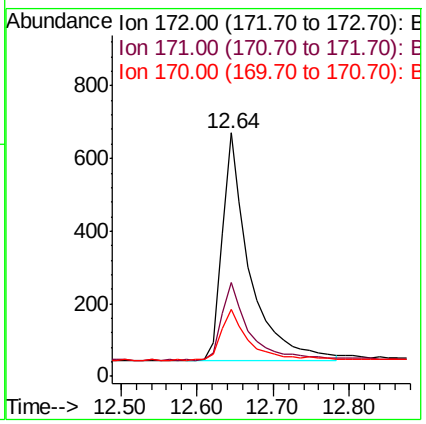


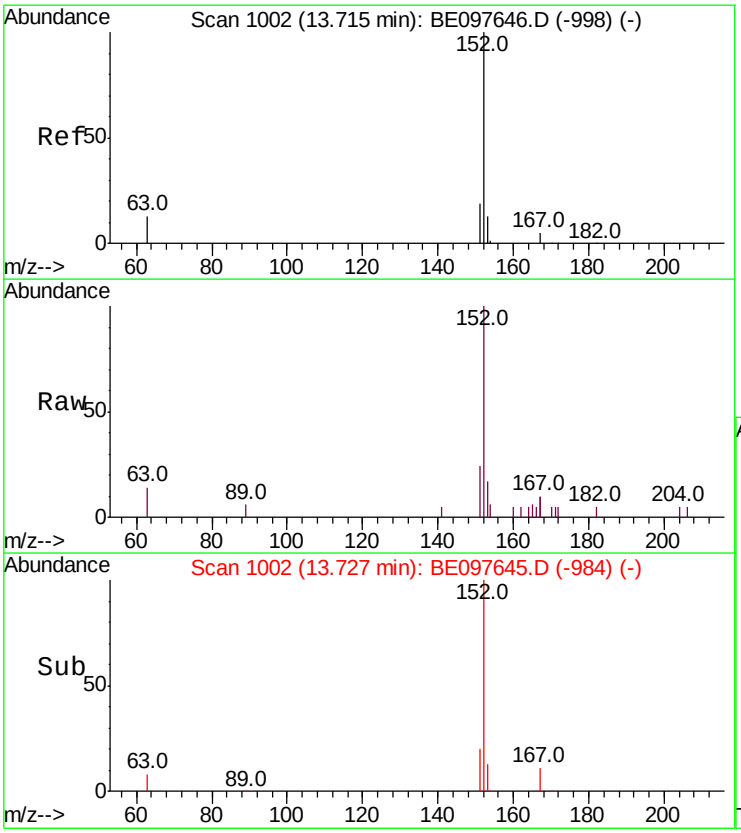
#15
2-Fluorobiphenyl
Concen: 0.177 ng
RT: 12.64 min Scan# 908
Delta R.T. 0.01 min
Lab File: BE097645.D
Acq: 24 Sep 2018 15:08

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:172 Resp: 1577

Ion	Ratio	Lower	Upper
172	100		
171	38.7	29.9	44.9
170	27.4	21.8	32.8

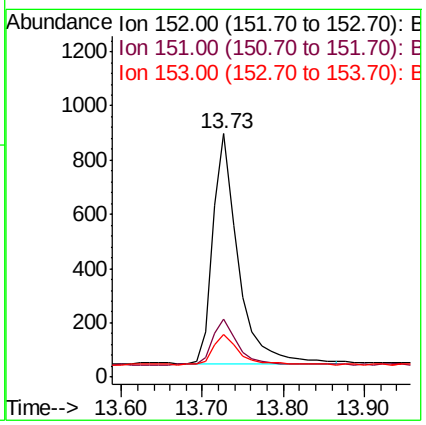


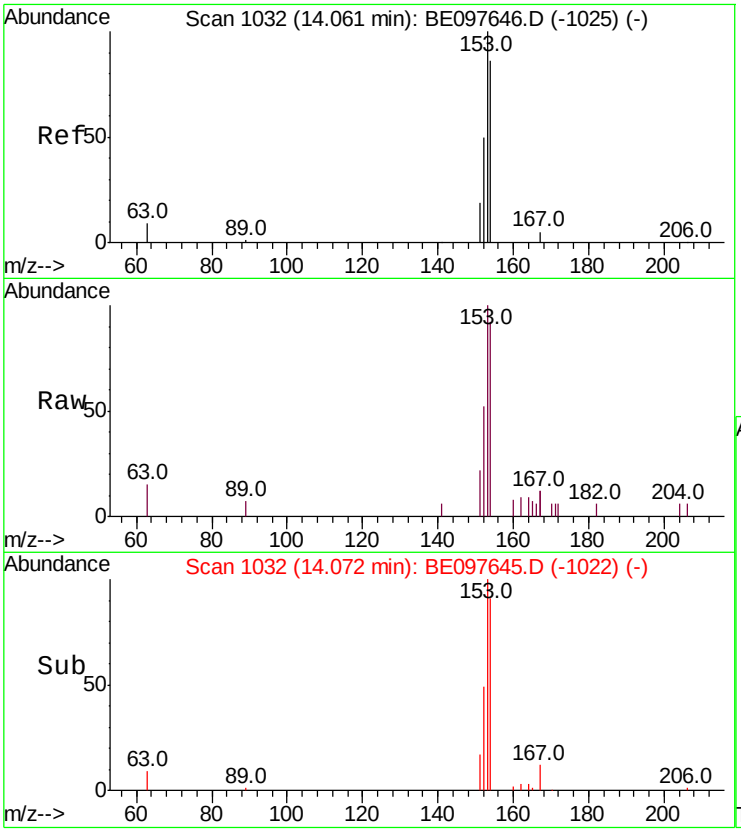


#16
Acenaphthylene
Concen: 0.185 ng
RT: 13.73 min Scan# 1002
Delta R.T. 0.01 min
Lab File: BE097645.D
Acq: 24 Sep 2018 15:08

Tgt Ion:152 Resp: 1837

Ion	Ratio	Lower	Upper
152	100		
151	20.6	15.7	23.5
153	13.4	10.5	15.7



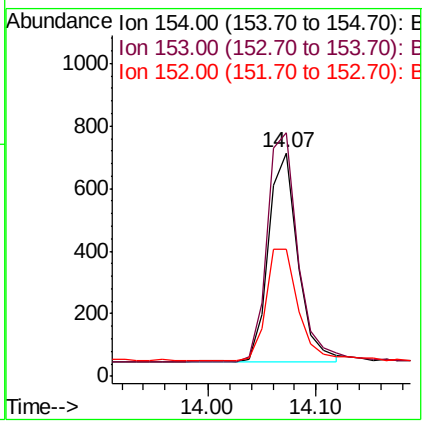


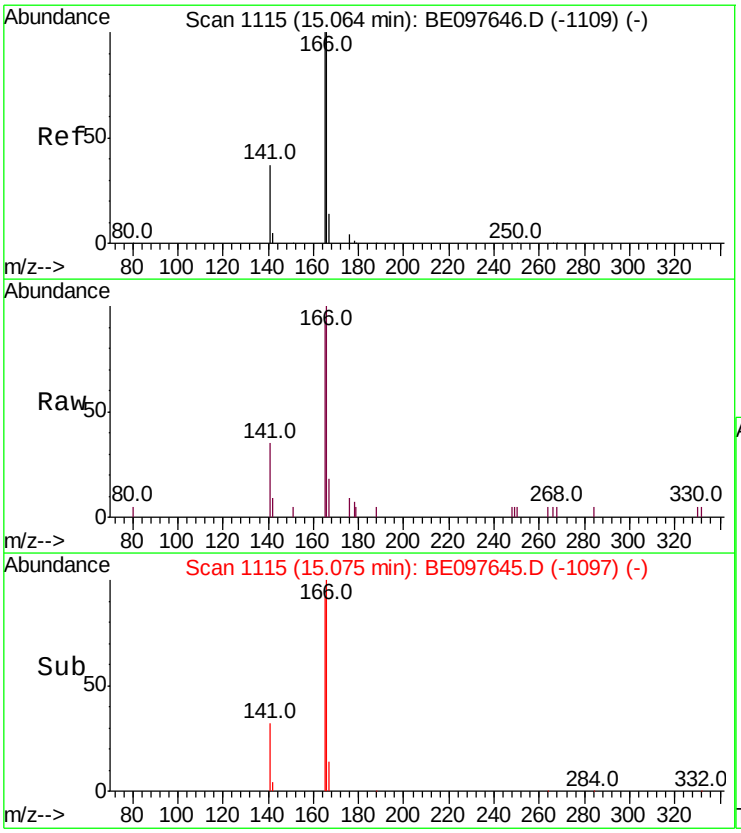
#17
Acenaphthene
Concen: 0.191 ng
RT: 14.07 min Scan# 1032
Delta R.T. 0.01 min
Lab File: BE097645.D
Acq: 24 Sep 2018 15:08

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:154 Resp: 1276

Ion	Ratio	Lower	Upper
154	100		
153	114.0	89.2	133.8
152	57.9	42.0	63.0

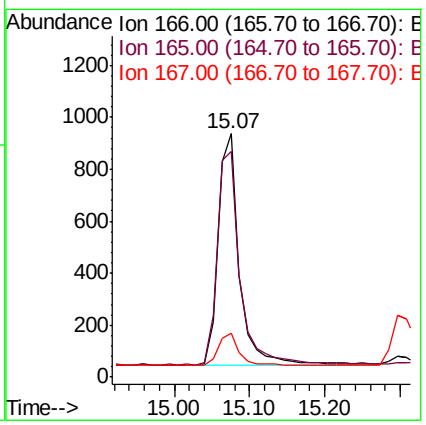


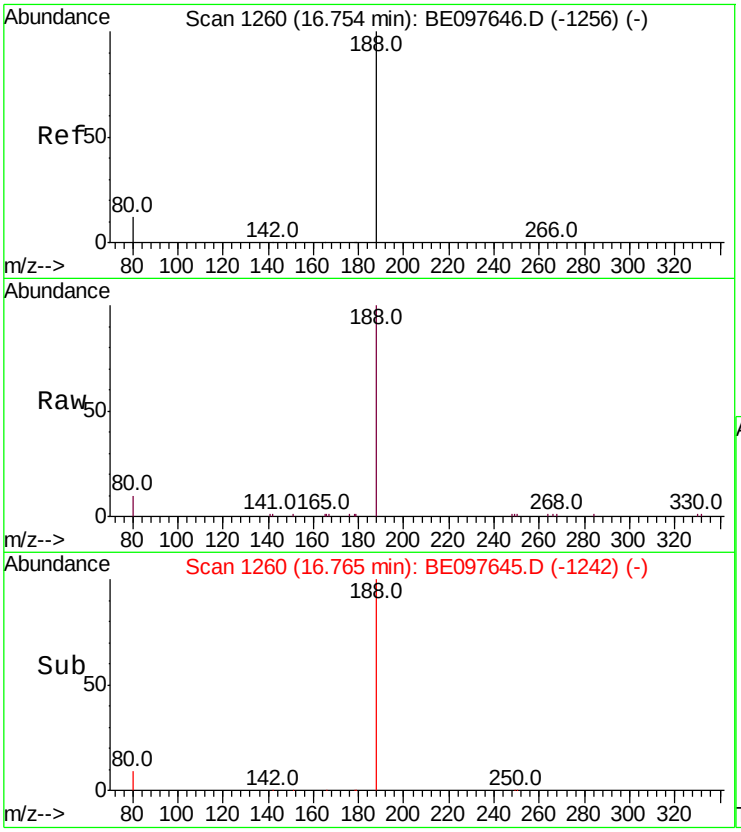


#18
Fluorene
Concen: 0.202 ng
RT: 15.07 min Scan# 1115
Delta R.T. 0.01 min
Lab File: BE097645.D
Acq: 24 Sep 2018 15:08

Tgt Ion:166 Resp: 1758

Ion	Ratio	Lower	Upper
166	100		
165	98.5	77.8	116.6
167	13.9	42.4	63.6#



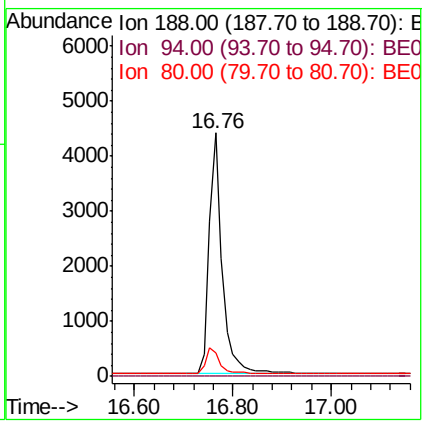


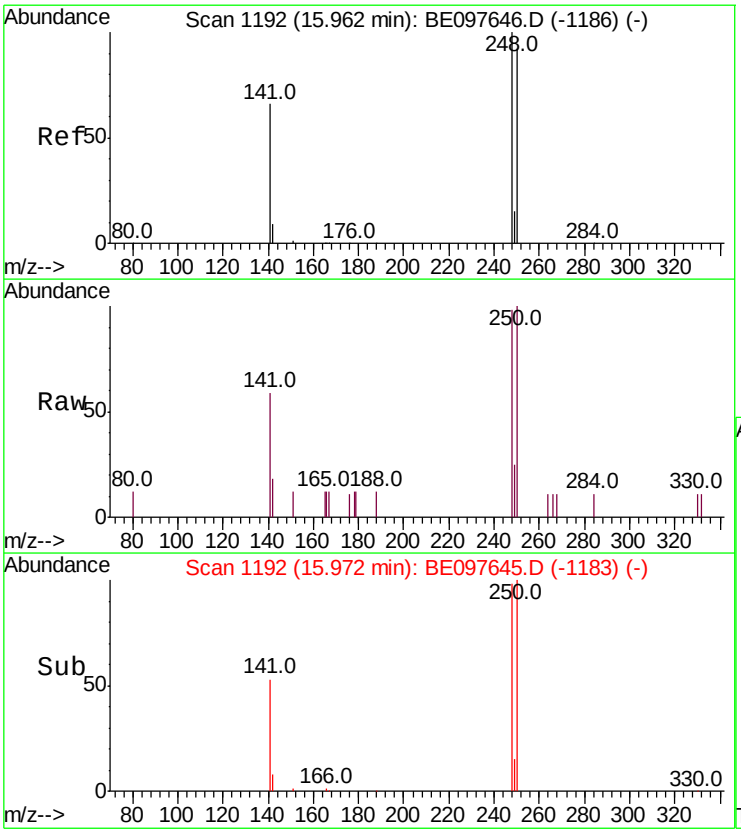
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.76 min Scan# 1260
Delta R.T. 0.01 min
Lab File: BE097645.D
Acq: 24 Sep 2018 15:08

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:188 Resp: 8067

Ion	Ratio	Lower	Upper
188	100		
94	0.0	3.9	5.9#
80	9.7	3.6	5.4#

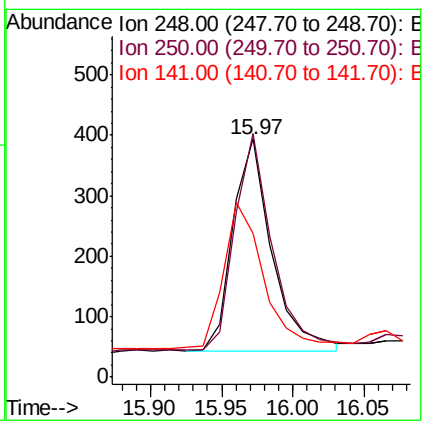


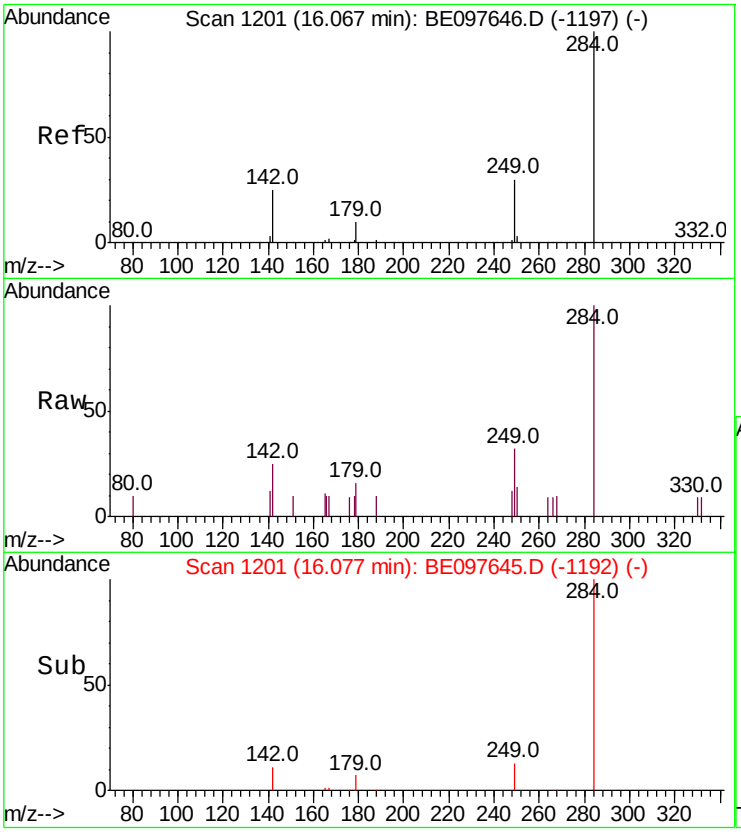


#20
4-Bromophenyl-phenylether
Concen: 0.184 ng
RT: 15.97 min Scan# 1192
Delta R.T. 0.01 min
Lab File: BE097645.D
Acq: 24 Sep 2018 15:08

Tgt Ion:248 Resp: 671

Ion	Ratio	Lower	Upper
248	100		
250	102.3	62.7	94.1#
141	60.4	48.2	72.2



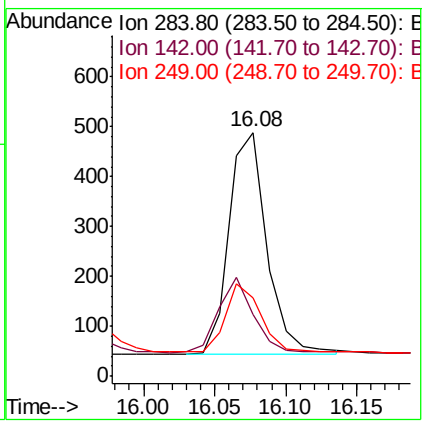


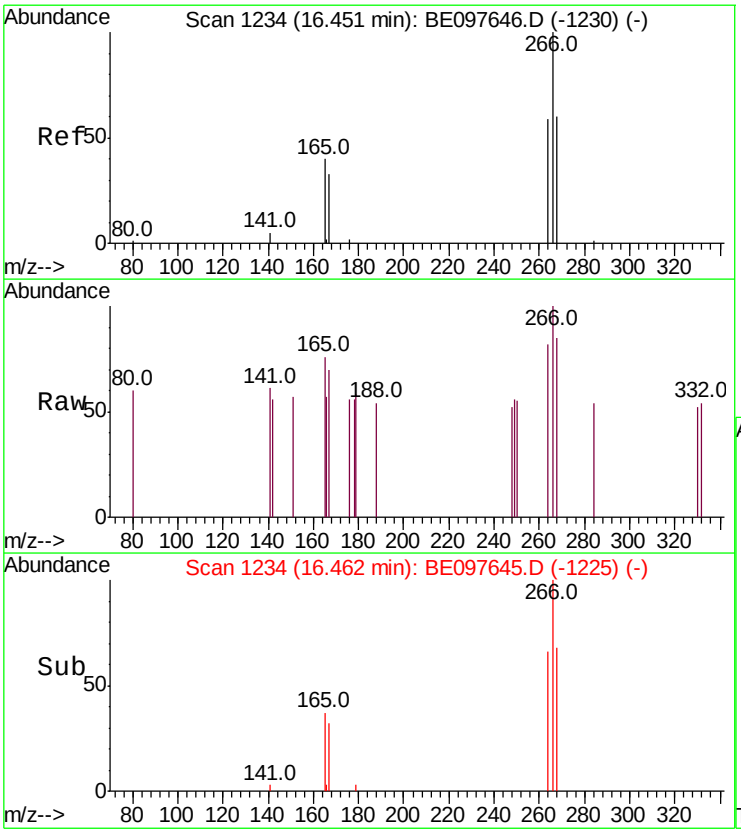
#21
Hexachlorobenzene
Concen: 0.205 ng
RT: 16.08 min Scan# 1201
Delta R.T. 0.01 min
Lab File: BE097645.D
Acq: 24 Sep 2018 15:08

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:284 Resp: 818

Ion	Ratio	Lower	Upper
284	100		
142	31.4	22.1	33.1
249	28.7	34.8	52.2#

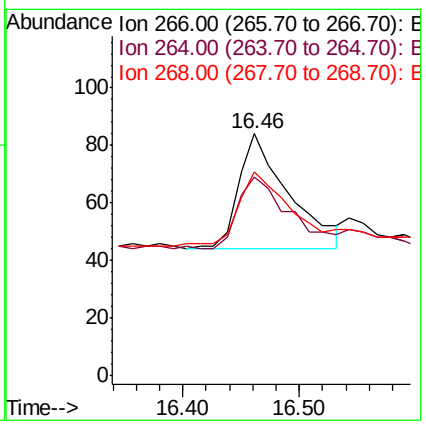


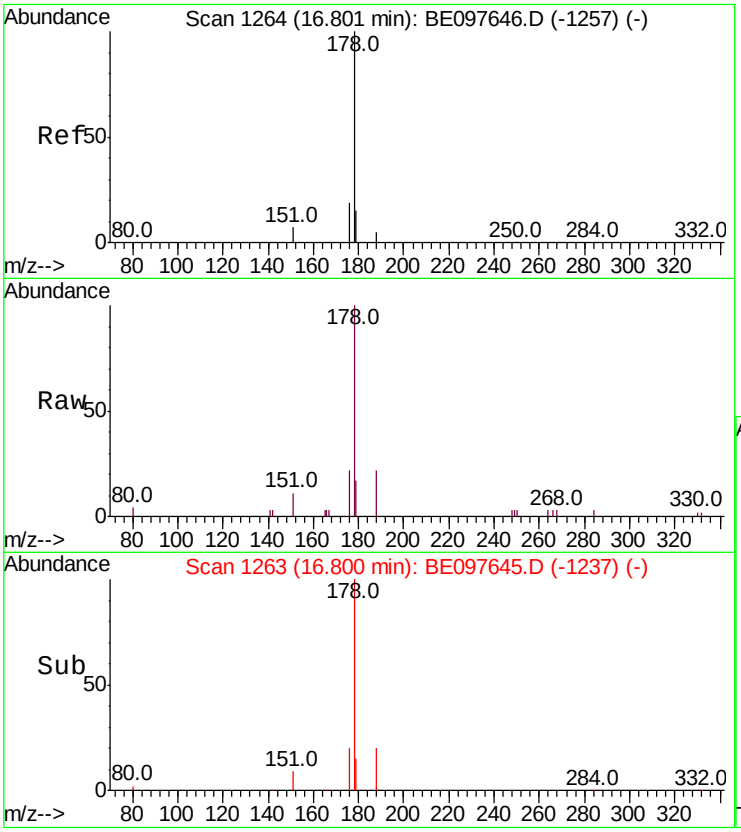


#22
Pentachlorophenol
Concen: 0.086 ng
RT: 16.46 min Scan# 1234
Delta R.T. 0.01 min
Lab File: BE097645.D
Acq: 24 Sep 2018 15:08

Tgt Ion:266 Resp: 120

Ion	Ratio	Lower	Upper
266	100		
264	82.1	72.5	108.7
268	84.5	73.8	110.6



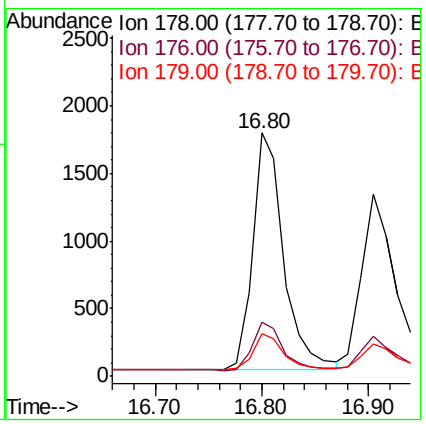


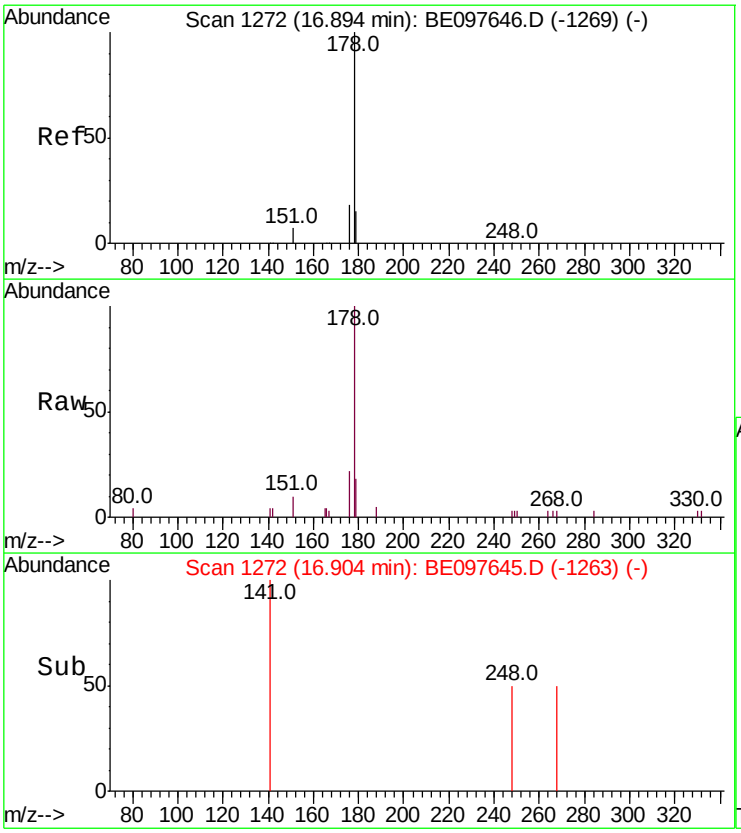
#23
Phenanthrene
Concen: 0.185 ng
RT: 16.80 min Scan# 1263
Delta R.T. -0.00 min
Lab File: BE097645.D
Acq: 24 Sep 2018 15:08

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:178 Resp: 3546

Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.1	22.7
179	15.3	11.8	17.6

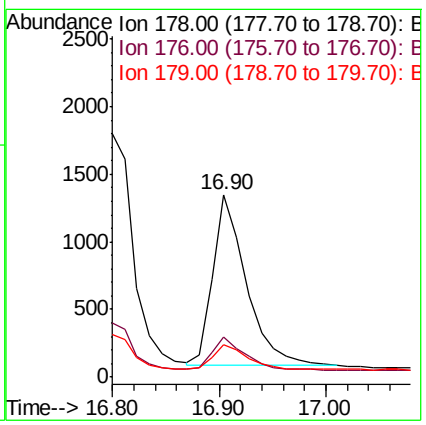


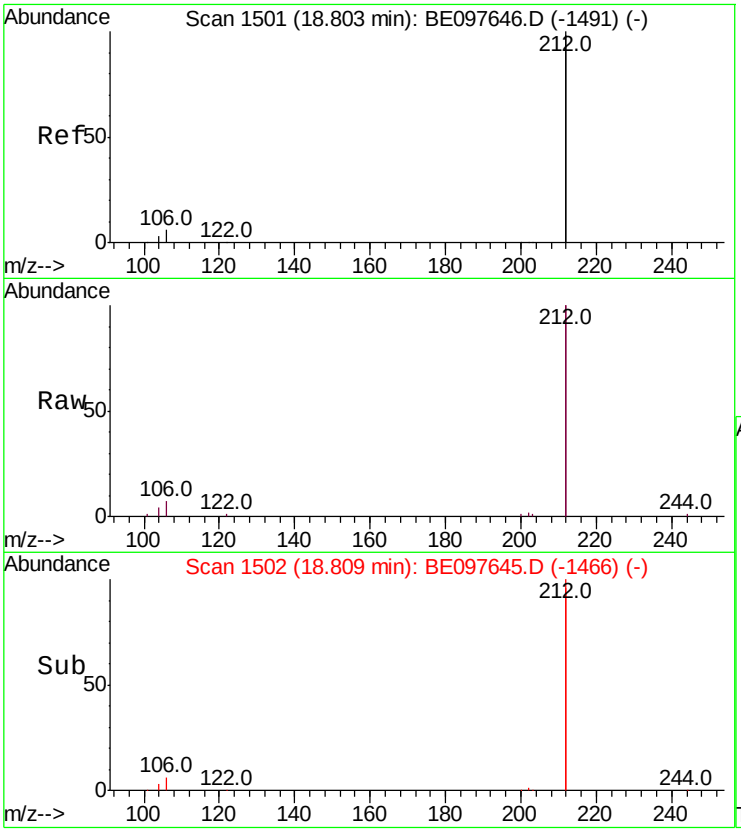


#24
Anthracene
Concen: 0.164 ng
RT: 16.90 min Scan# 1272
Delta R.T. 0.01 min
Lab File: BE097645.D
Acq: 24 Sep 2018 15:08

Tgt Ion:178 Resp: 2778

Ion	Ratio	Lower	Upper
178	100		
176	18.9	12.8	19.2
179	15.0	13.0	19.6



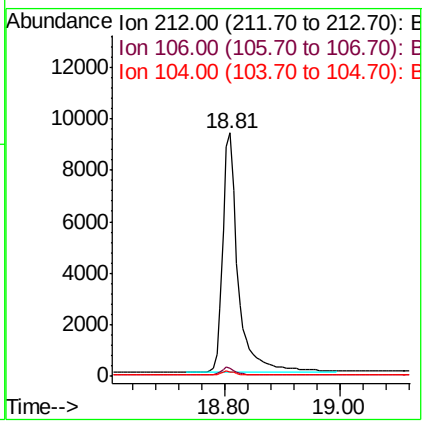


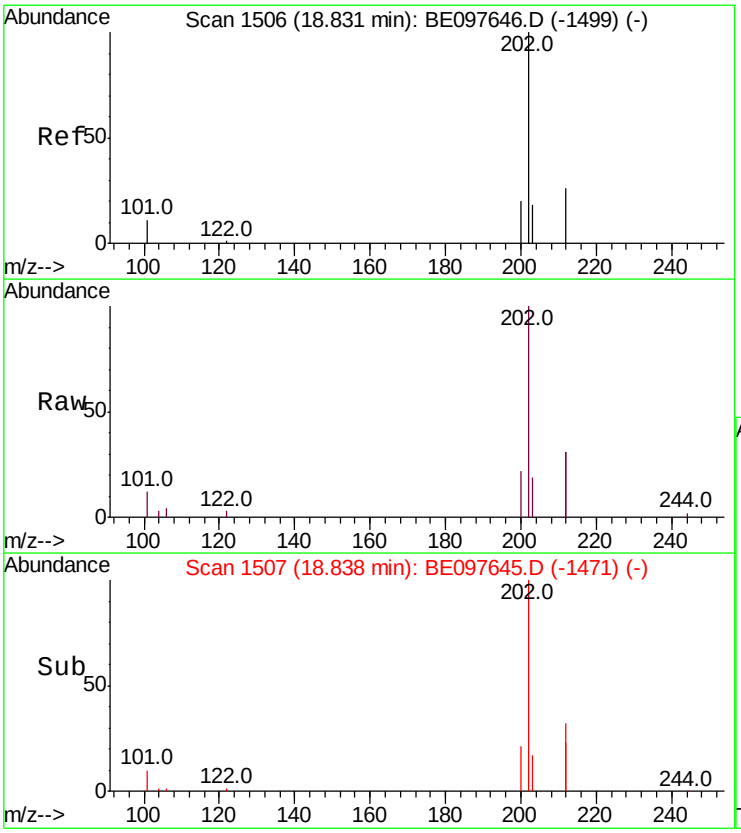
#25
Fluoranthene-d10
Concen: 0.164 ng
RT: 18.81 min Scan# 1502
Delta R.T. 0.01 min
Lab File: BE097645.D
Acq: 24 Sep 2018 15:08

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:212 Resp: 16954

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

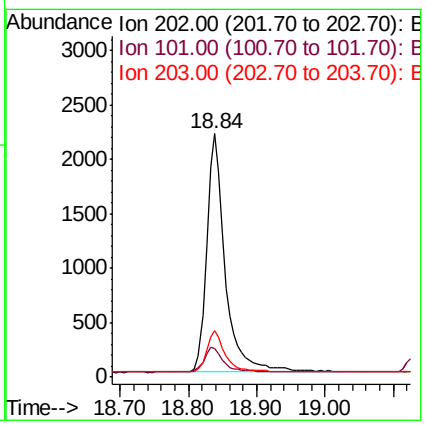


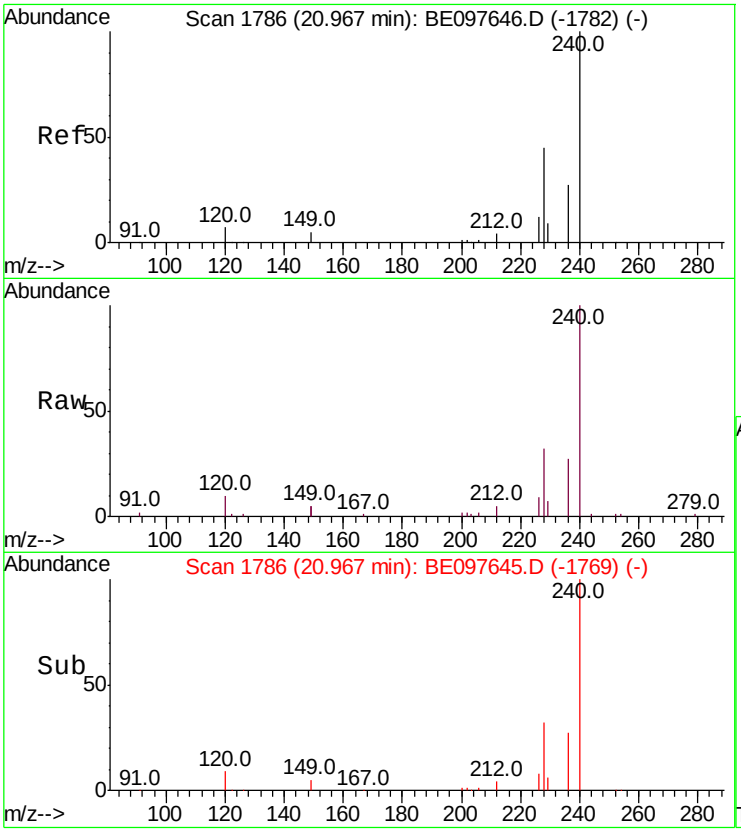


#26
Fluoranthene
Concen: 0.156 ng
RT: 18.84 min Scan# 1507
Delta R.T. 0.01 min
Lab File: BE097645.D
Acq: 24 Sep 2018 15:08

Tgt Ion:202 Resp: 4136

Ion	Ratio	Lower	Upper
202	100		
101	10.8	9.8	14.8
203	16.8	13.7	20.5



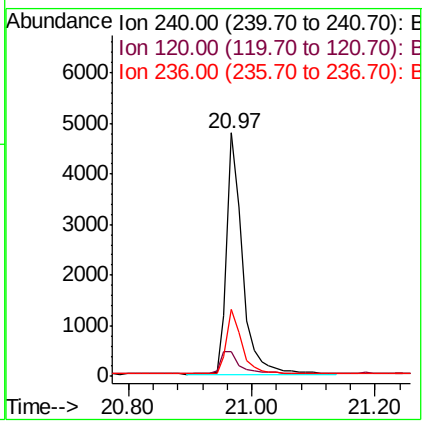


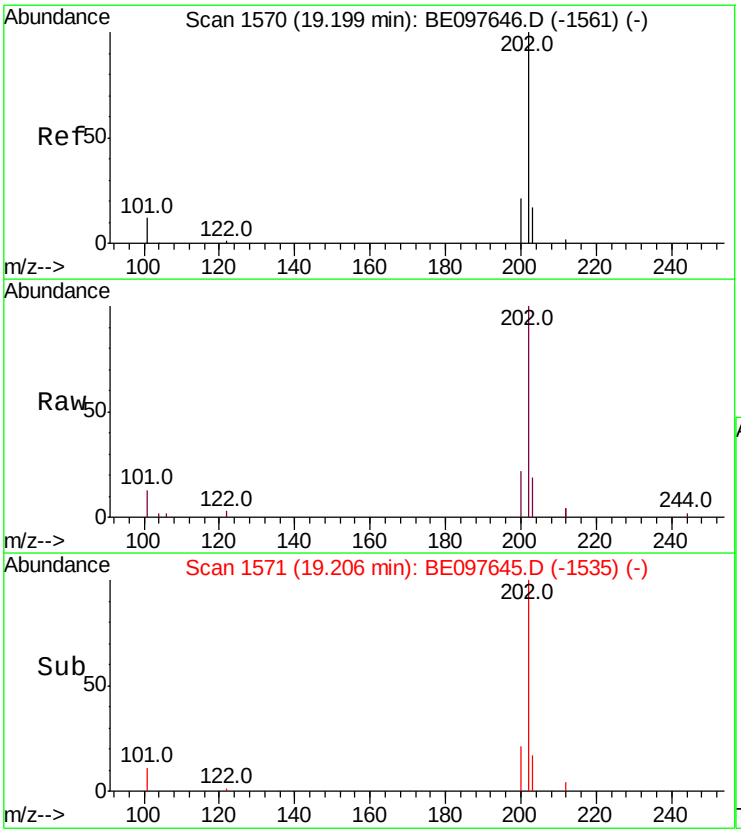
#27
Chrysene-d12
Concen: 0.400 ng
RT: 20.97 min Scan# 1786
Delta R.T. 0.00 min
Lab File: BE097645.D
Acq: 24 Sep 2018 15:08

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:240 Resp: 8415

Ion	Ratio	Lower	Upper
240	100		
120	10.3	5.5	8.3#
236	27.4	20.7	31.1

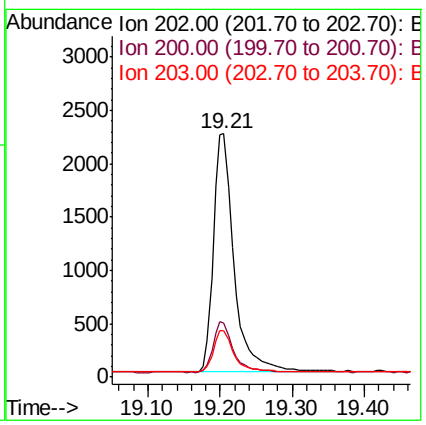


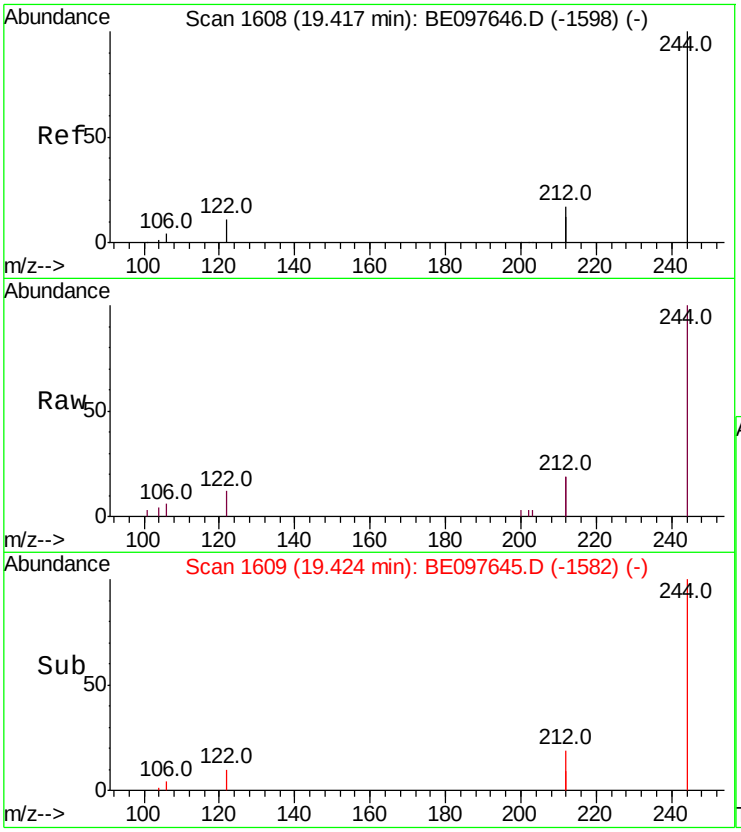


#28
Pyrene
Concen: 0.232 ng
RT: 19.21 min Scan# 1571
Delta R.T. 0.01 min
Lab File: BE097645.D
Acq: 24 Sep 2018 15:08

Tgt Ion:202 Resp: 4452

Ion	Ratio	Lower	Upper
202	100		
200	20.7	16.6	25.0
203	17.3	13.8	20.8



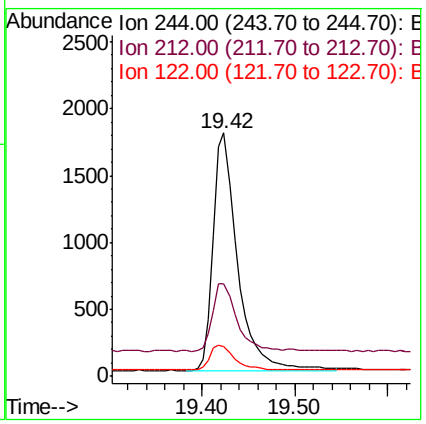


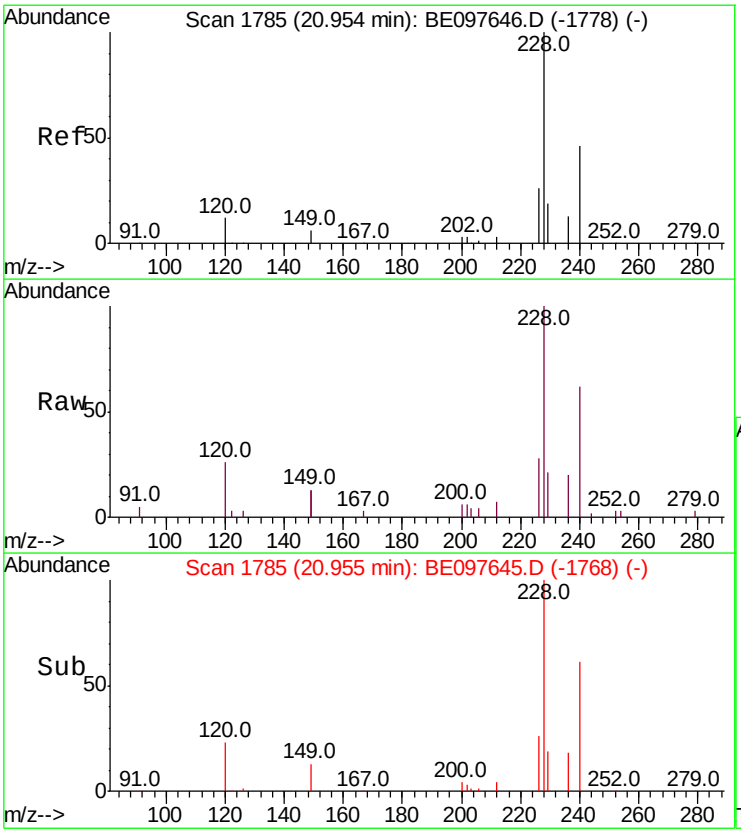
#29
Terphenyl-d14
Concen: 0.210 ng
RT: 19.42 min Scan# 1609
Delta R.T. 0.01 min
Lab File: BE097645.D
Acq: 24 Sep 2018 15:08

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:244 Resp: 3230

Ion	Ratio	Lower	Upper
244	100		
212	37.8	25.4	38.0
122	12.1	8.1	12.1#

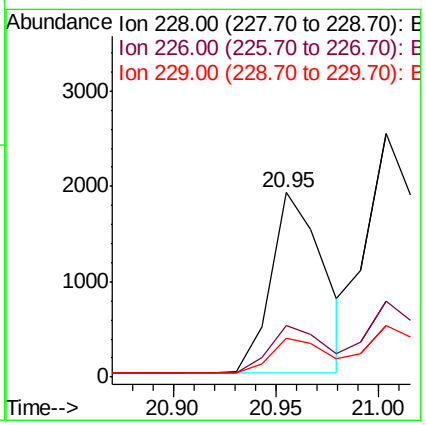


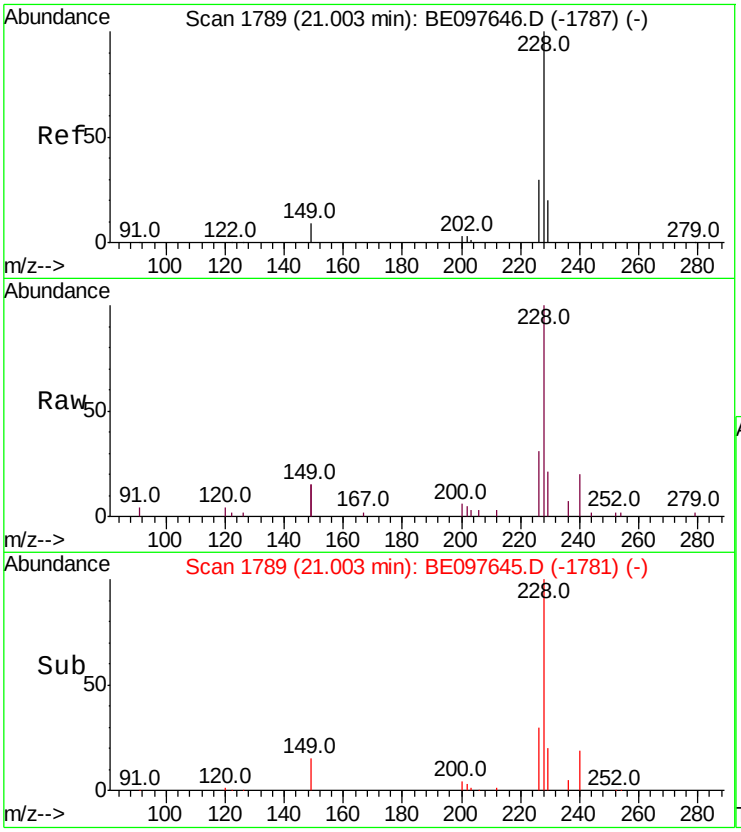


#30
Benzo(a)anthracene
Concen: 0.160 ng
RT: 20.95 min Scan# 1785
Delta R.T. 0.00 min
Lab File: BE097645.D
Acq: 24 Sep 2018 15:08

Tgt Ion:228 Resp: 3387

Ion	Ratio	Lower	Upper
228	100		
226	27.9	24.0	36.0
229	21.2	16.0	24.0



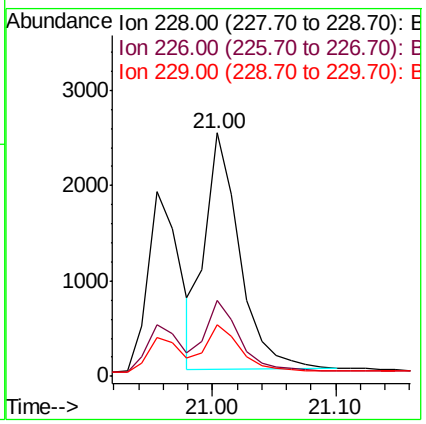


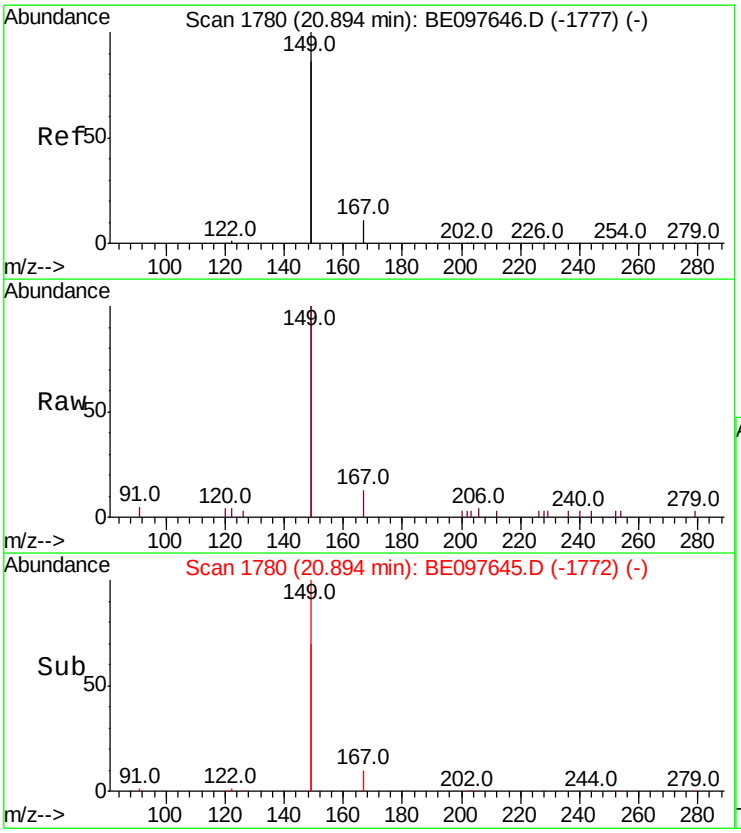
#31
Chrysene
Concen: 0.213 ng
RT: 21.00 min Scan# 1789
Delta R.T. 0.00 min
Lab File: BE097645.D
Acq: 24 Sep 2018 15:08

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:228 Resp: 4833

Ion	Ratio	Lower	Upper
228	100		
226	31.0	24.0	36.0
229	21.1	16.0	24.0

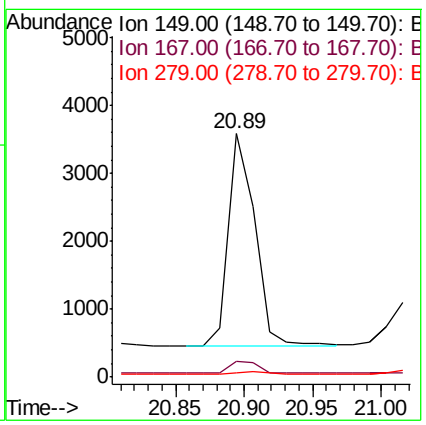


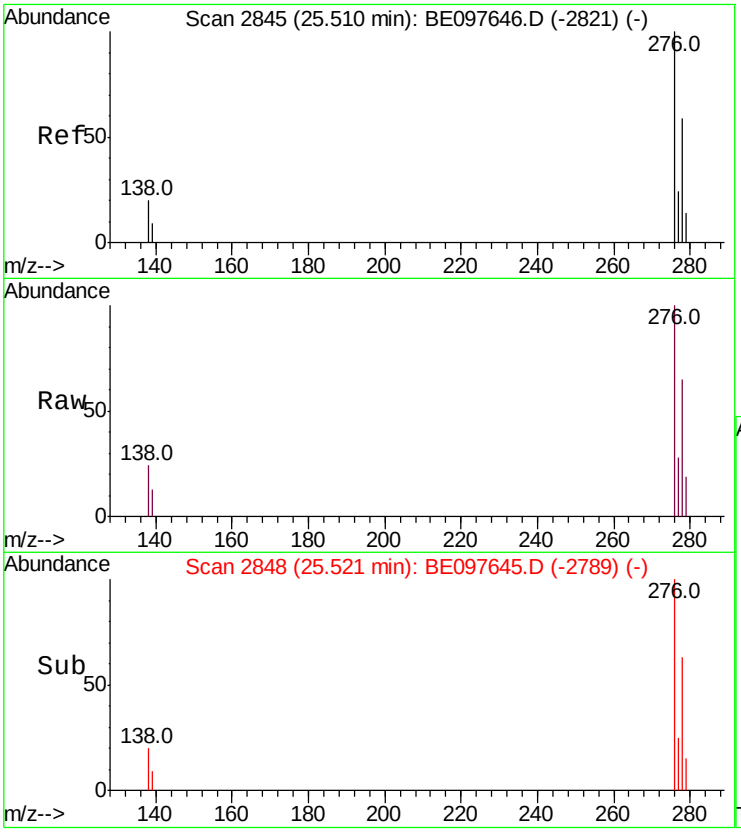


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.101 ng
RT: 20.89 min Scan# 1780
Delta R.T. 0.00 min
Lab File: BE097645.D
Acq: 24 Sep 2018 15:08

Tgt Ion:149 Resp: 4247

Ion	Ratio	Lower	Upper
149	100		
167	6.1	5.4	8.0
279	1.3	0.7	1.1#



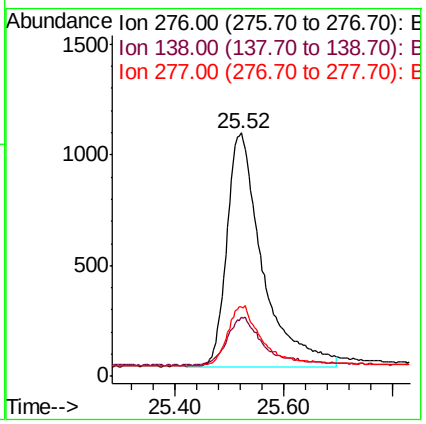


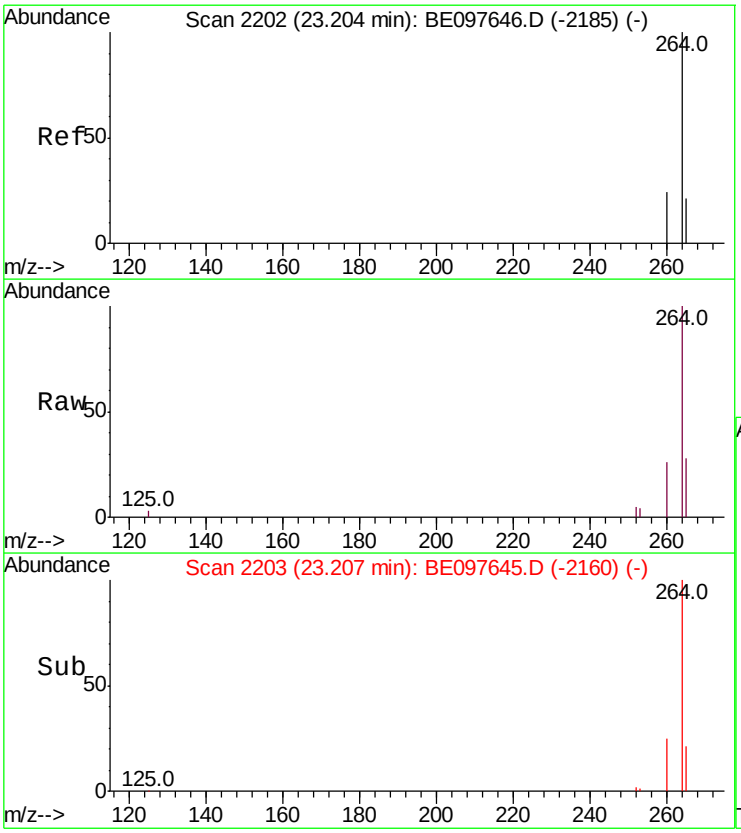
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.175 ng
RT: 25.52 min Scan# 2848
Delta R.T. 0.01 min
Lab File: BE097645.D
Acq: 24 Sep 2018 15:08

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:276 Resp: 4793

Ion	Ratio	Lower	Upper
276	100		
138	20.1	22.5	33.7#
277	24.6	19.9	29.9

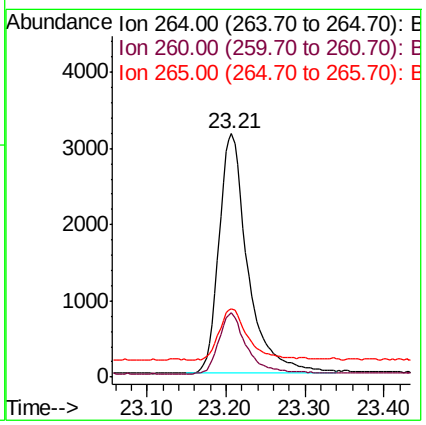


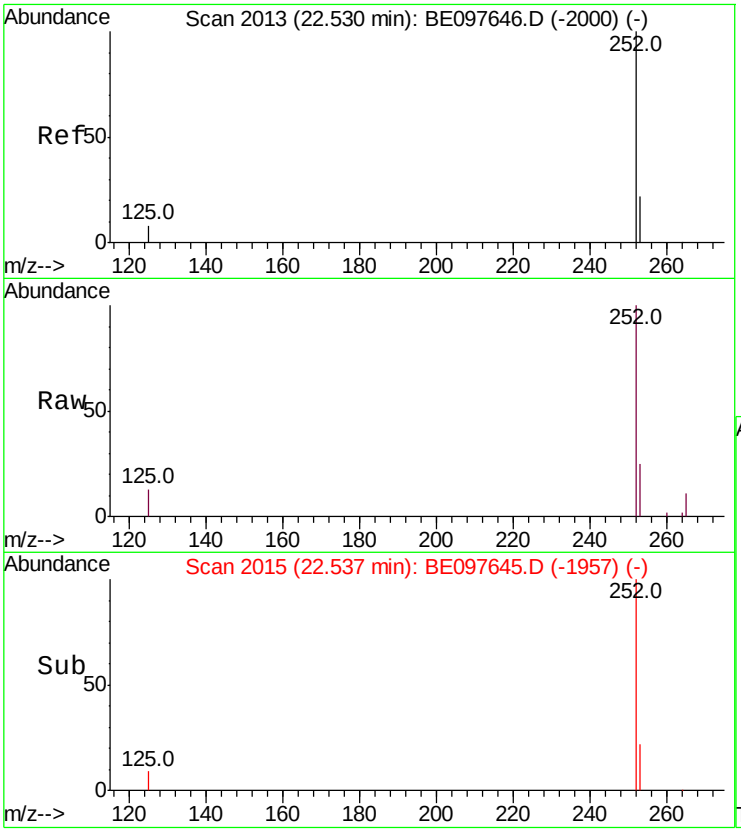


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.21 min Scan# 2203
Delta R.T. 0.00 min
Lab File: BE097645.D
Acq: 24 Sep 2018 15:08

Tgt Ion:264 Resp: 8016

Ion	Ratio	Lower	Upper
264	100		
260	26.3	20.5	30.7
265	27.9	22.8	34.2



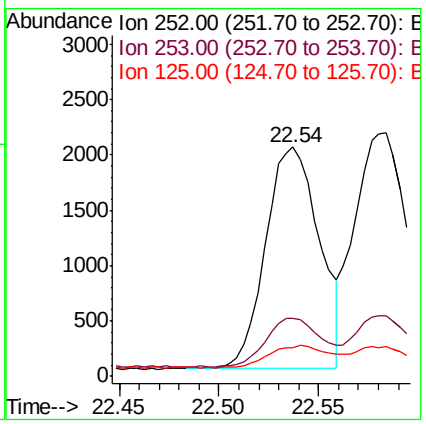


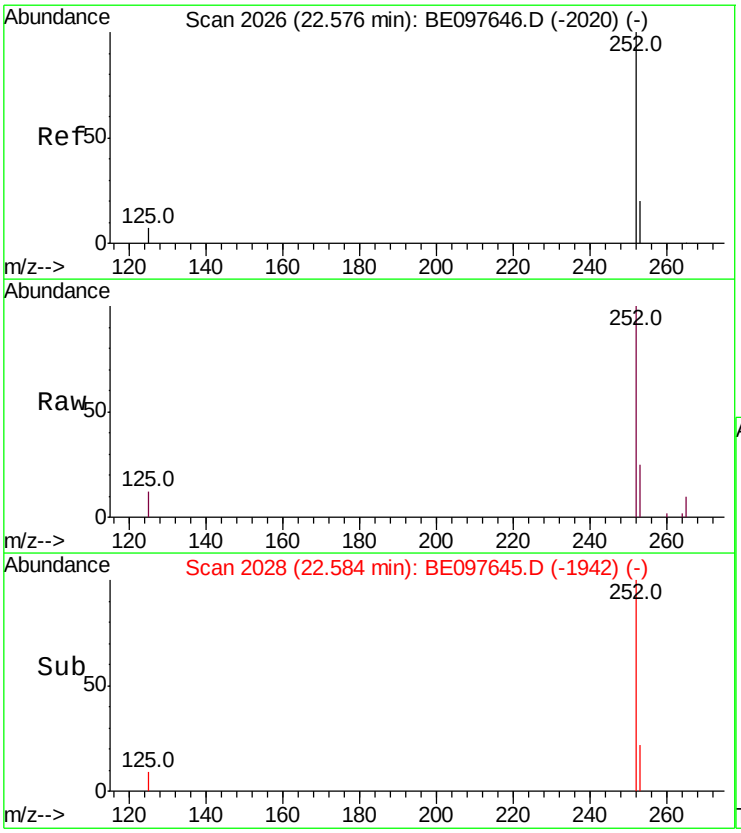
#35
Benzo(b)fluoranthene
Concen: 0.183 ng
RT: 22.54 min Scan# 2015
Delta R.T. 0.01 min
Lab File: BE097645.D
Acq: 24 Sep 2018 15:08

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:252 Resp: 3760

Ion	Ratio	Lower	Upper
252	100		
253	25.2	20.0	30.0
125	12.7	16.0	24.0#

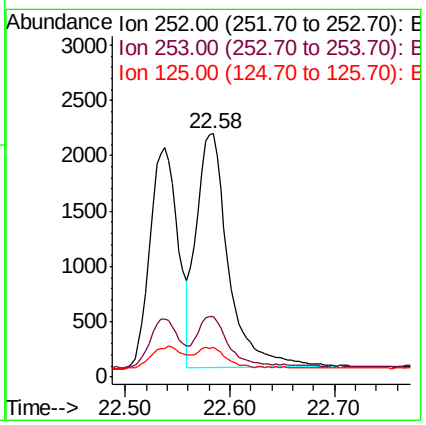


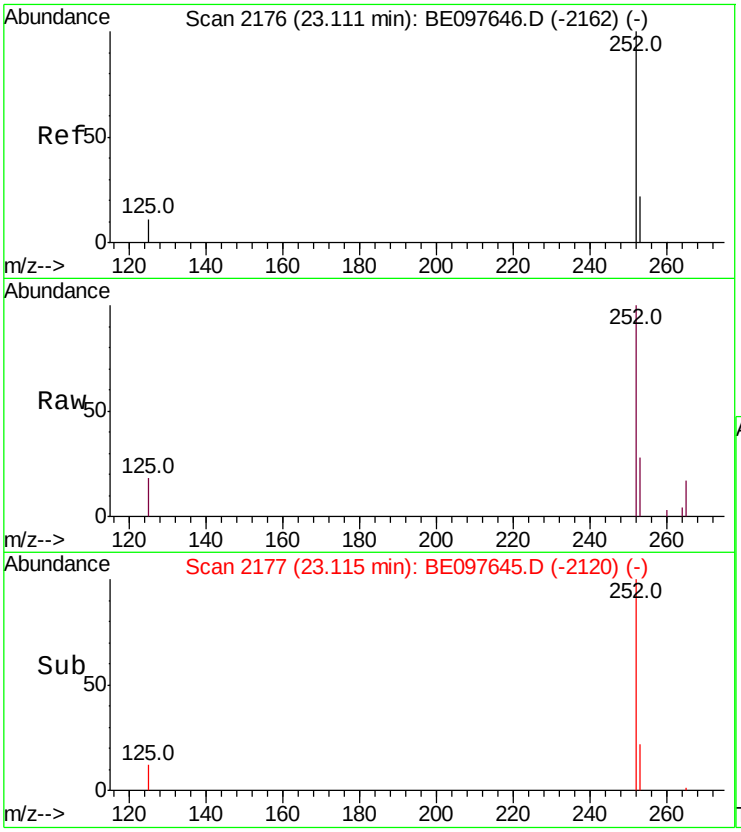


#36
Benzo(k)fluoranthene
Concen: 0.192 ng
RT: 22.58 min Scan# 2028
Delta R.T. 0.01 min
Lab File: BE097645.D
Acq: 24 Sep 2018 15:08

Tgt Ion:252 Resp: 4518

Ion	Ratio	Lower	Upper
252	100		
253	25.0	16.0	24.0#
125	12.0	8.0	12.0



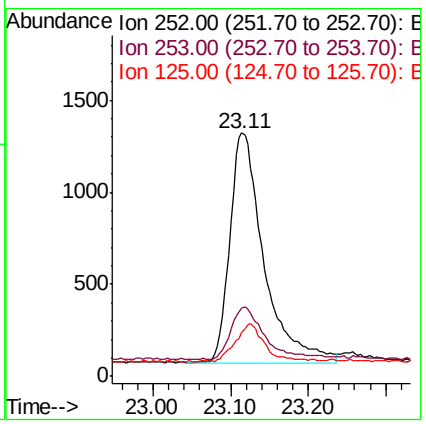


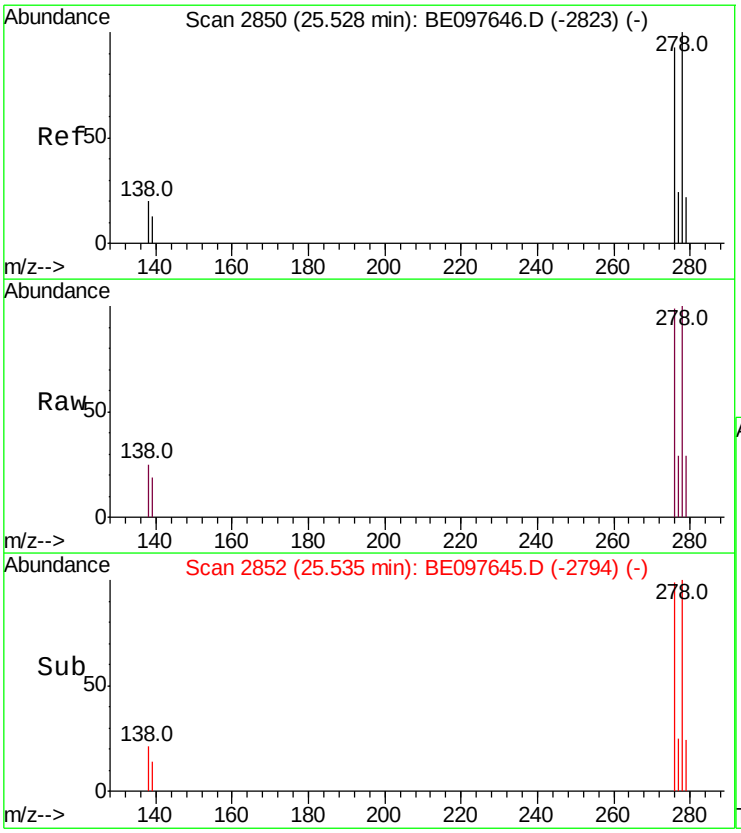
#37
Benzo(a)pyrene
Concen: 0.182 ng
RT: 23.11 min Scan# 2177
Delta R.T. 0.00 min
Lab File: BE097645.D
Acq: 24 Sep 2018 15:08

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:252 Resp: 3844

Ion	Ratio	Lower	Upper
252	100		
253	28.0	16.0	24.0#
125	18.0	12.0	18.0

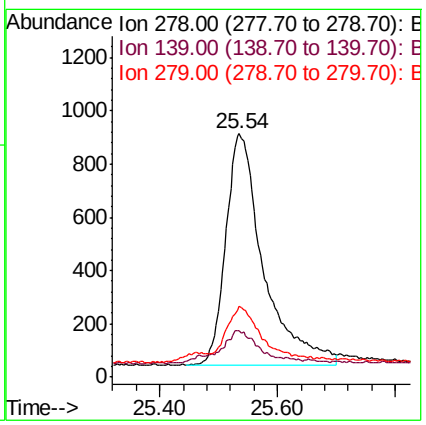


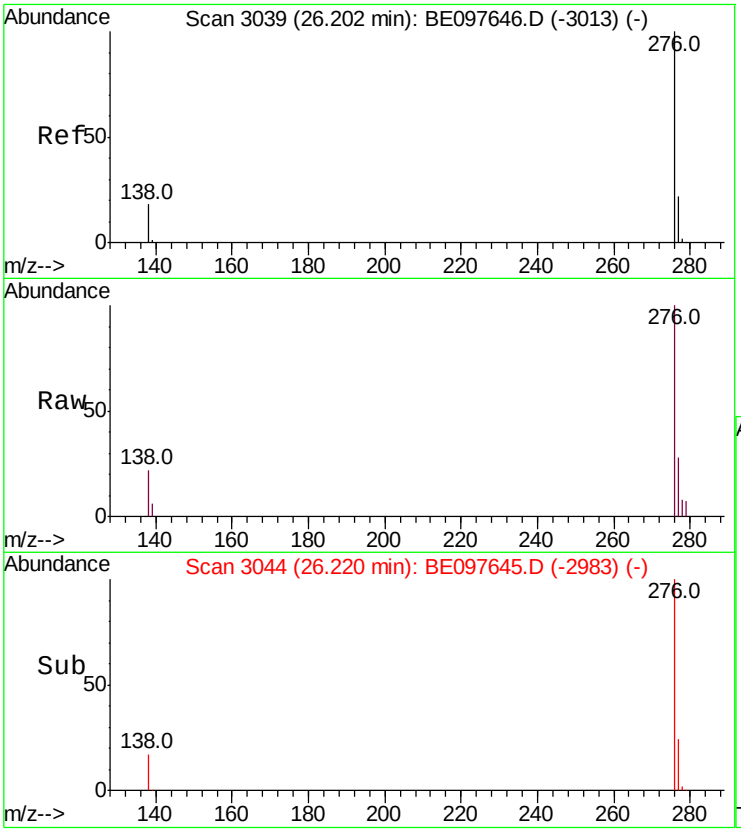


#38
Dibenzo(a,h)anthracene
Concen: 0.179 ng
RT: 25.54 min Scan# 2852
Delta R.T. 0.01 min
Lab File: BE097645.D
Acq: 24 Sep 2018 15:08

Tgt Ion:278 Resp: 3860

Ion	Ratio	Lower	Upper
278	100		
139	19.1	16.0	24.0
279	29.2	20.0	30.0





#39
Benzo(g,h,i)perylene
Concen: 0.188 ng
RT: 26.22 min Scan# 3044
Delta R.T. 0.02 min
Lab File: BE097645.D
Acq: 24 Sep 2018 15:08

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:276 Resp: 3946

Ion	Ratio	Lower	Upper
276	100		
277	28.0	16.0	24.0#
138	22.0	20.0	30.0