Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE092718\
Data File : BE097691.D
Acq On : 27 Sep 2018 12:27
Operator : SJ/JU
Sample : SSTDICC0.2
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : SSTDICC0.2

Quant Time: Sep 27 14:16:27 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE092718.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 27 14:15:53 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.37	152	825	0.40	ng		0.00
7) Naphthalene-d8	10.13	136	3887	0.40	ng		0.01
13) Acenaphthene-d10	14.00	164	2166	0.40	ng		0.01
19) Phenanthrene-d10	16.75	188	5870	0.40	ng		0.00
27) Chrysene-d12	20.97	240	7168	0.40	ng		0.00
34) Perylene-d12	23.21	264	7005	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.05	112	397	0.18	ng		0.00
5) Phenol-d6	6.65	99	304	0.10	ng		0.03
8) Nitrobenzene-d5	8.56	82	477	0.21	ng		0.02
11) 2-Methylnaphthalene-d10	11.73	152	1249	0.22	ng		0.01
14) 2,4,6-Tribromophenol	15.53	330	162	0.19	ng		0.01
15) 2-Fluorobiphenyl	12.63	172	2017	0.29	ng		0.01
25) Fluoranthene-d10	18.80	212	14259	0.22	ng		0.00
29) Terphenyl-d14	19.42	244	3305	0.23	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.07	88	383	0.259	ng	#	89
3) n-Nitrosodimethylamine	3.38	42	193	0.222	ng	#	94
6) bis(2-Chloroethyl)ether	6.85	93	500	0.201	ng		76
9) Naphthalene	10.19	128	7992	0.226	ng	#	97
10) Hexachlorobutadiene	10.45	225	376	0.234	ng		98
12) 2-Methylnaphthalene	11.81	142	1159	0.207	ng		97
16) Acenaphthylene	13.71	152	1774	0.204	ng		98
17) Acenaphthene	14.06	154	1265	0.222	ng		96
18) Fluorene	15.06	166	1627	0.203	ng	#	80
20) 4-Bromophenyl-phenylether	15.96	248	570	0.219	ng	#	73
21) Hexachlorobenzene	16.07	284	669	0.223	ng	#	84
22) Pentachlorophenol	16.46	266	136	0.190	ng		95
23) Phenanthrene	16.80	178	3052	0.220	ng		98
24) Anthracene	16.91	178	2326	0.202	ng		97
26) Fluoranthene	18.84	202	3714	0.223	ng		99
28) Pyrene	19.20	202	3878	0.207	ng		99
30) Benzo(a)anthracene	20.95	228	3170	0.187	ng		97
31) Chrysene	21.00	228	4975	0.251	ng		97
32) Bis(2-ethylhexyl)phthalate	20.91	149	4332	0.224	ng	#	100
33) Indeno(1,2,3-cd)pyrene	25.51	276	5071	0.243	ng	#	91
35) Benzo(b)fluoranthene	22.54	252	3975	0.222	ng	#	92
36) Benzo(k)fluoranthene	22.58	252	4622	0.218	ng	#	91
37) Benzo(a)pyrene	23.11	252	3842	0.217	ng	#	88
38) Dibenzo(a,h)anthracene	25.53	278	4142	0.223	ng		94
39) Benzo(g,h,i)perylene	26.22	276	4260	0.230	ng	#	90

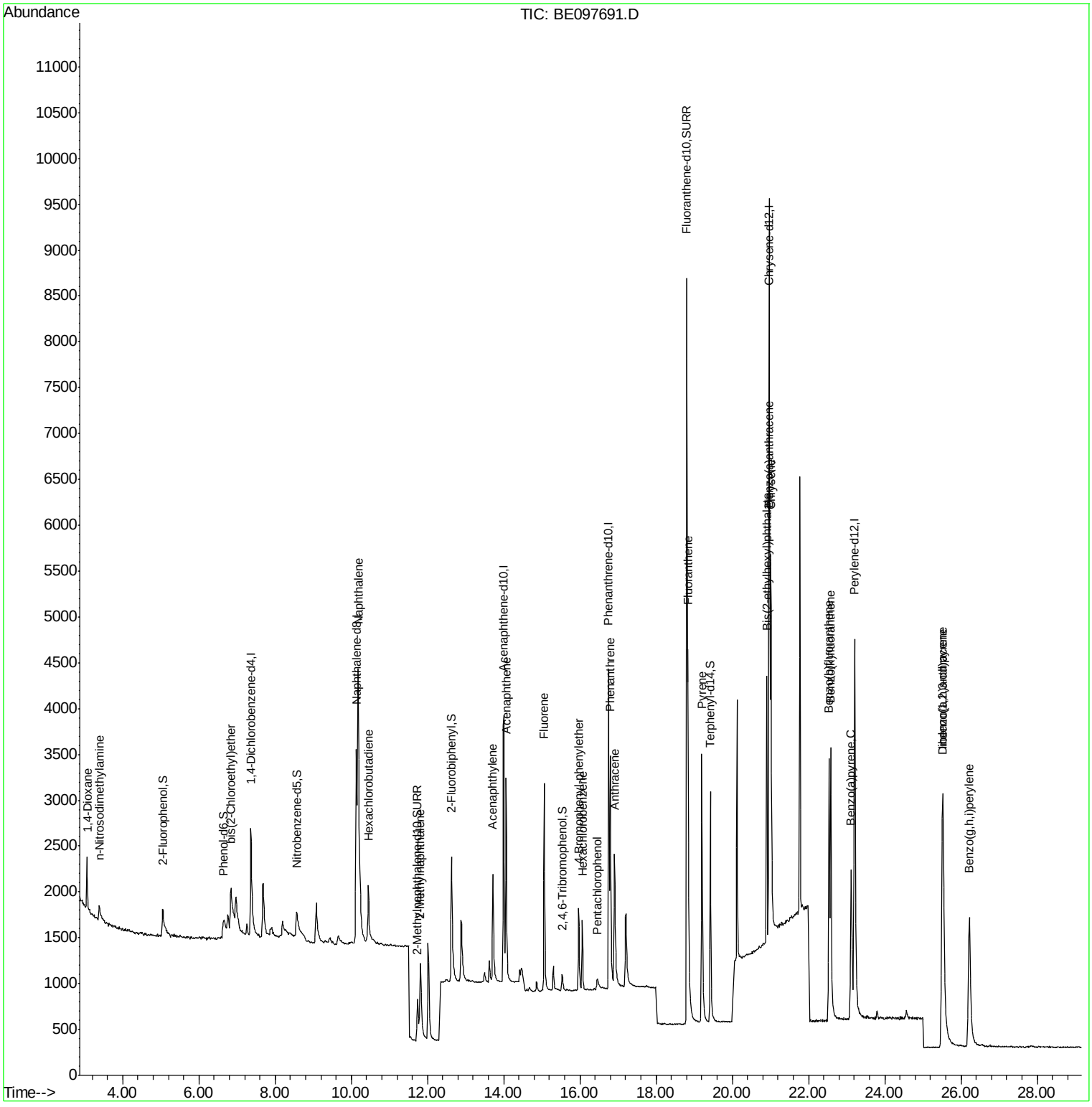
(#) = qualifier out of range (m) = manual integration (+) = signals summed

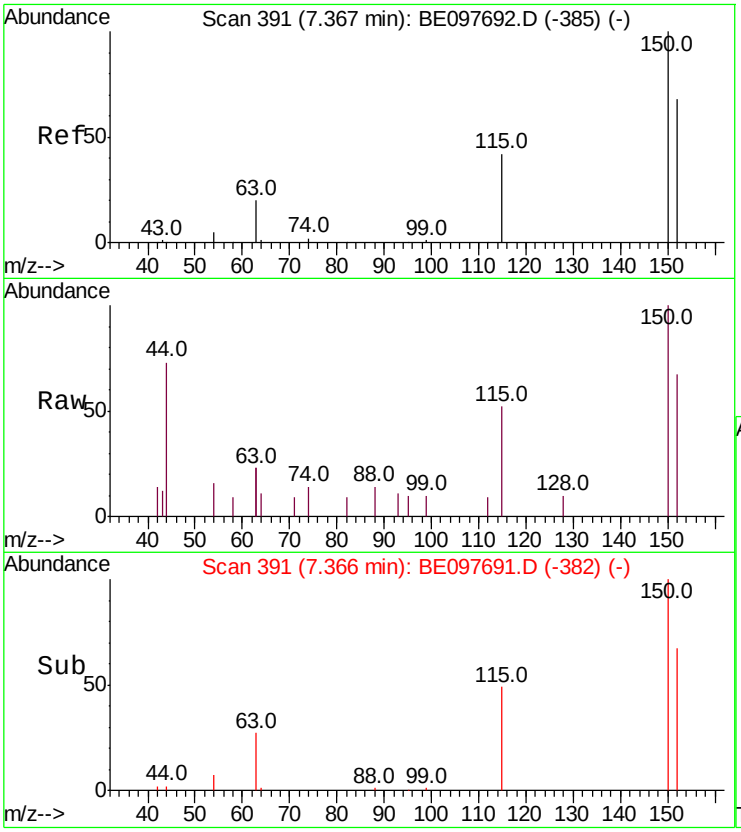
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE092718\
Data File : BE097691.D
Acq On : 27 Sep 2018 12:27
Operator : SJ/JU
Sample : SSTDICC0.2
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Quant Time: Sep 27 14:16:27 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE092718.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 27 14:15:53 2018
Response via : Initial Calibration



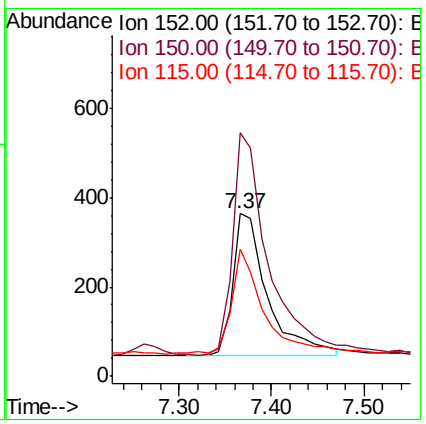


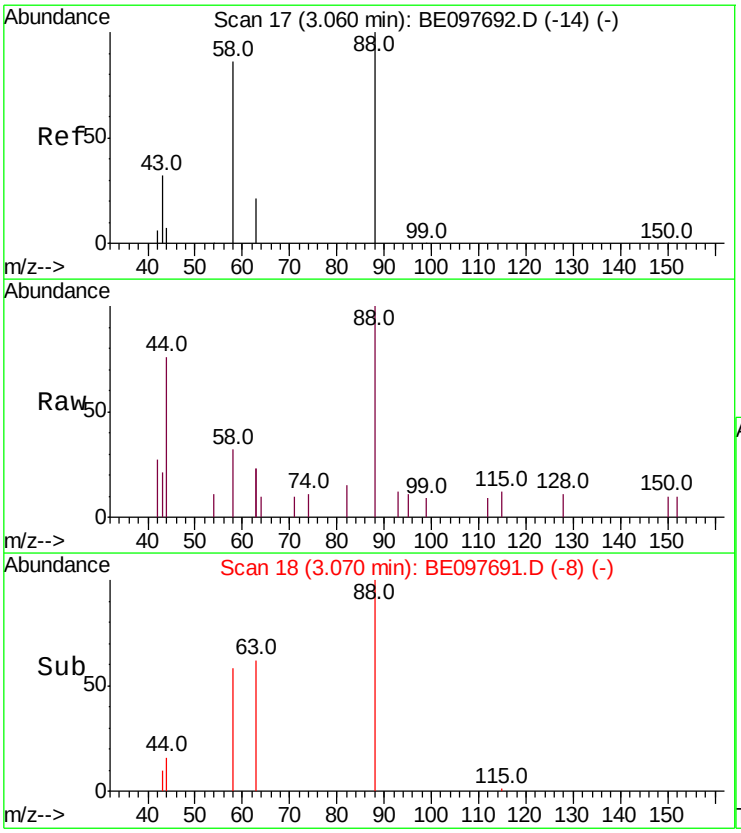
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.37 min Scan# 391
Delta R.T. -0.00 min
Lab File: BE097691.D
Acq: 27 Sep 2018 12:27

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:152 Resp: 825

Ion	Ratio	Lower	Upper
152	100		
150	149.5	117.2	175.8
115	77.7	57.0	85.6

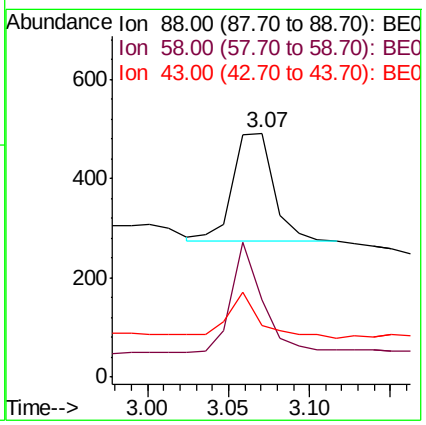


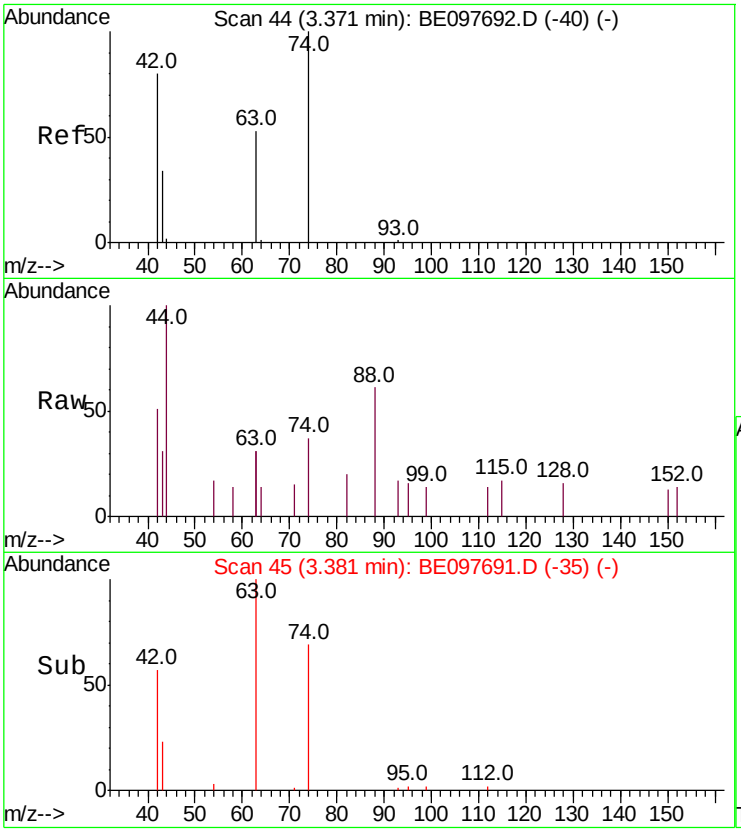


#2
1,4-Dioxane
Concen: 0.259 ng
RT: 3.07 min Scan# 18
Delta R.T. 0.01 min
Lab File: BE097691.D
Acq: 27 Sep 2018 12:27

Tgt Ion: 88 Resp: 383

Ion	Ratio	Lower	Upper
88	100		
58	77.3	63.2	94.8
43	34.2	41.2	61.8#



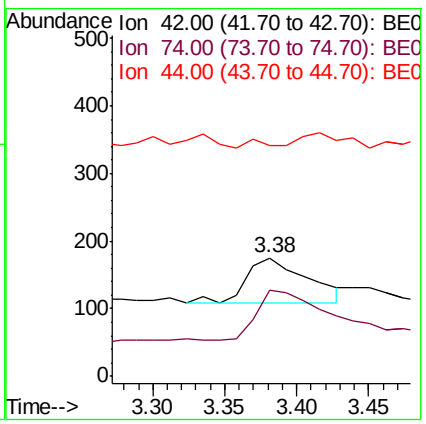


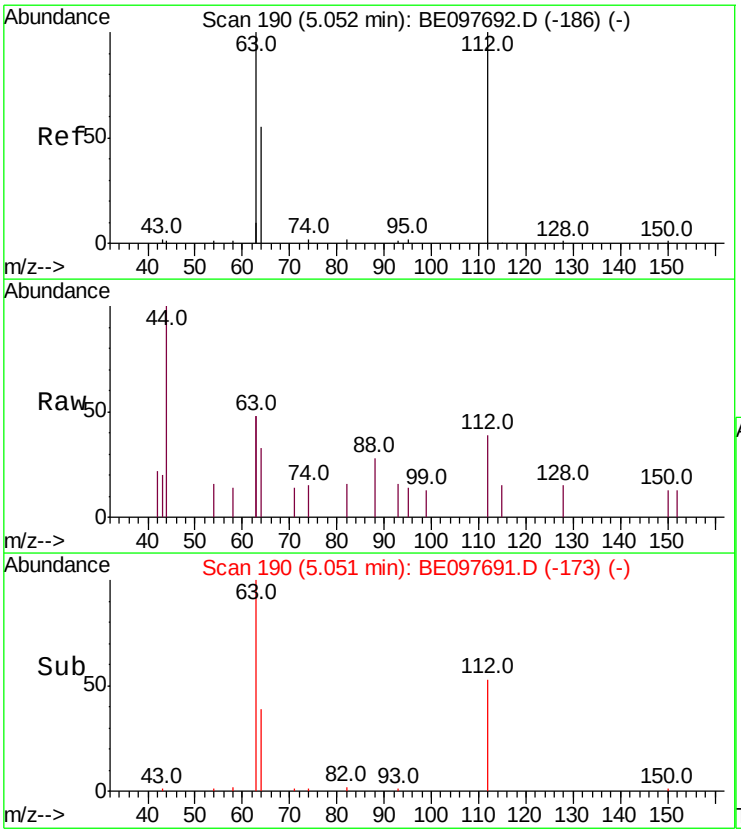
#3
n-Nitrosodimethylamine
Concen: 0.222 ng
RT: 3.38 min Scan# 45
Delta R.T. 0.01 min
Lab File: BE097691.D
Acq: 27 Sep 2018 12:27

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion: 42 Resp: 193

Ion	Ratio	Lower	Upper
42	100		
74	114.5	96.0	144.0
44	7.3	12.0	18.0#

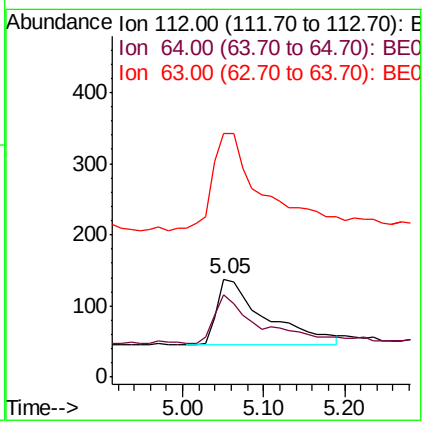


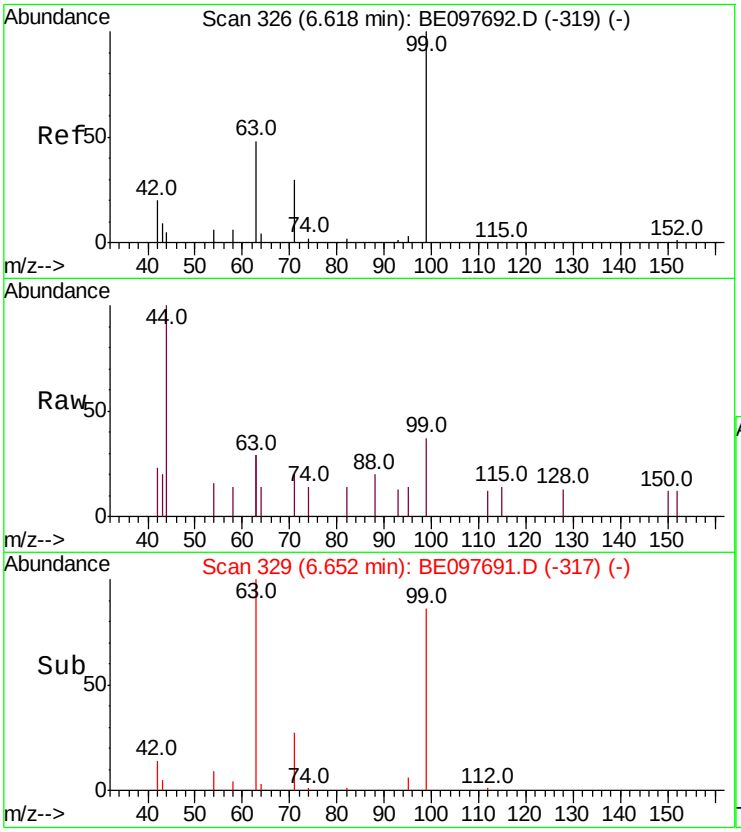


#4
2-Fluorophenol
Concen: 0.183 ng
RT: 5.05 min Scan# 190
Delta R.T. -0.00 min
Lab File: BE097691.D
Acq: 27 Sep 2018 12:27

Tgt Ion:112 Resp: 397

Ion	Ratio	Lower	Upper
112	100		
64	66.8	60.1	90.1
63	151.1	116.8	175.2



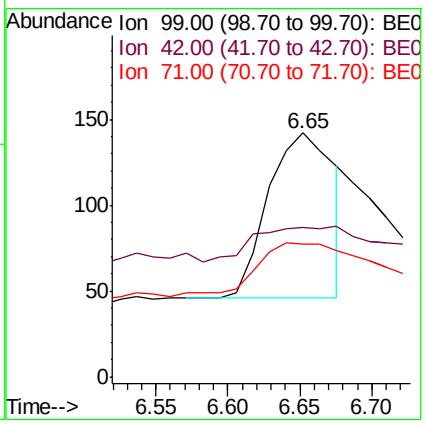


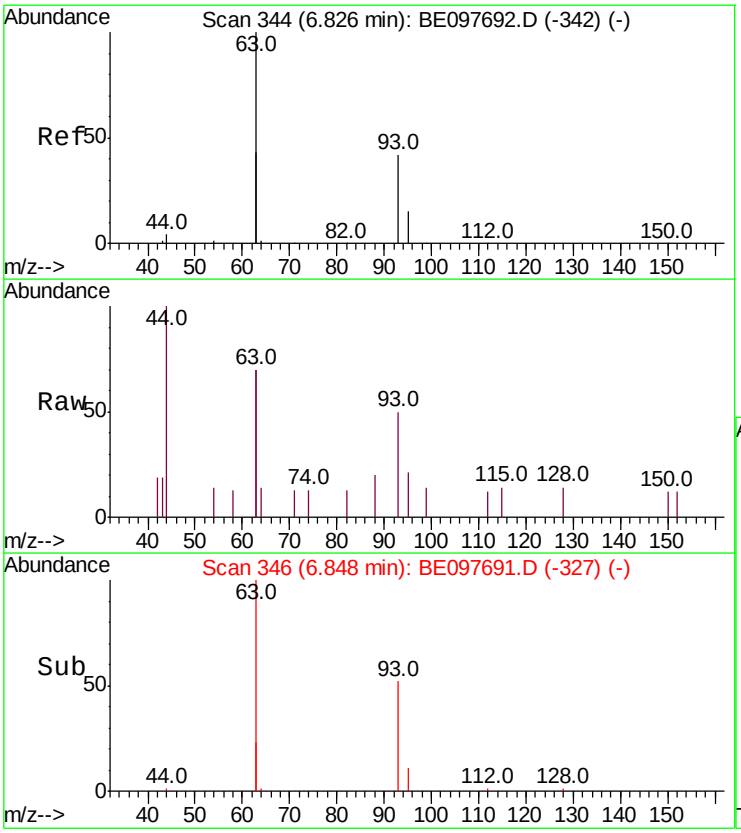
#5
Phenol-d6
Concen: 0.099 ng
RT: 6.65 min Scan# 329
Delta R.T. 0.03 min
Lab File: BE097691.D
Acq: 27 Sep 2018 12:27

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion: 99 Resp: 304

Ion	Ratio	Lower	Upper
99	100		
42	22.4	20.2	30.2
71	38.5	28.4	42.6

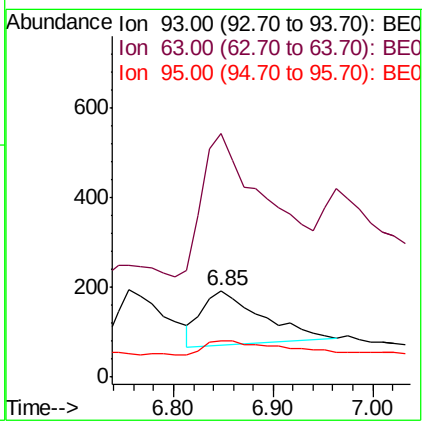


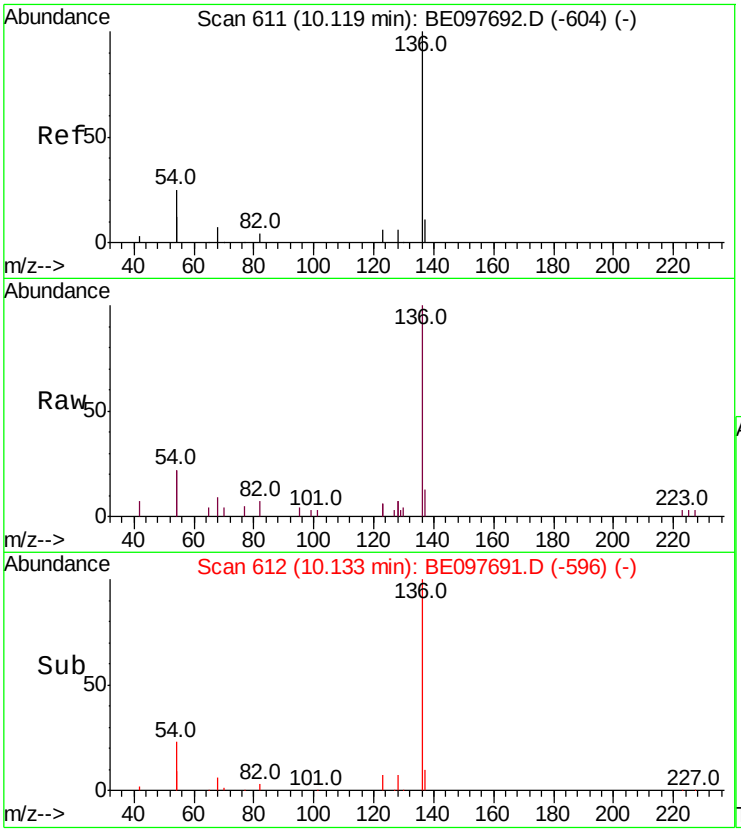


#6
bis(2-Chloroethyl)ether
Concen: 0.201 ng
RT: 6.85 min Scan# 346
Delta R.T. 0.02 min
Lab File: BE097691.D
Acq: 27 Sep 2018 12:27

Tgt Ion: 93 Resp: 500

Ion	Ratio	Lower	Upper
93	100		
63	288.8	275.3	412.9
95	35.2	25.2	37.8



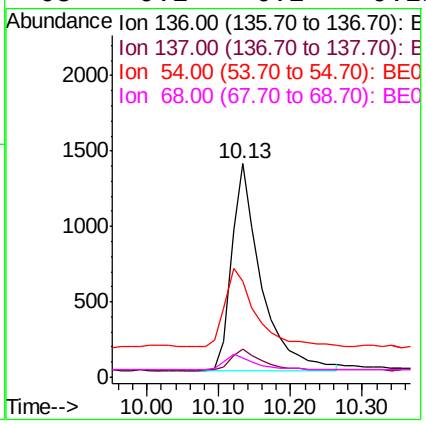


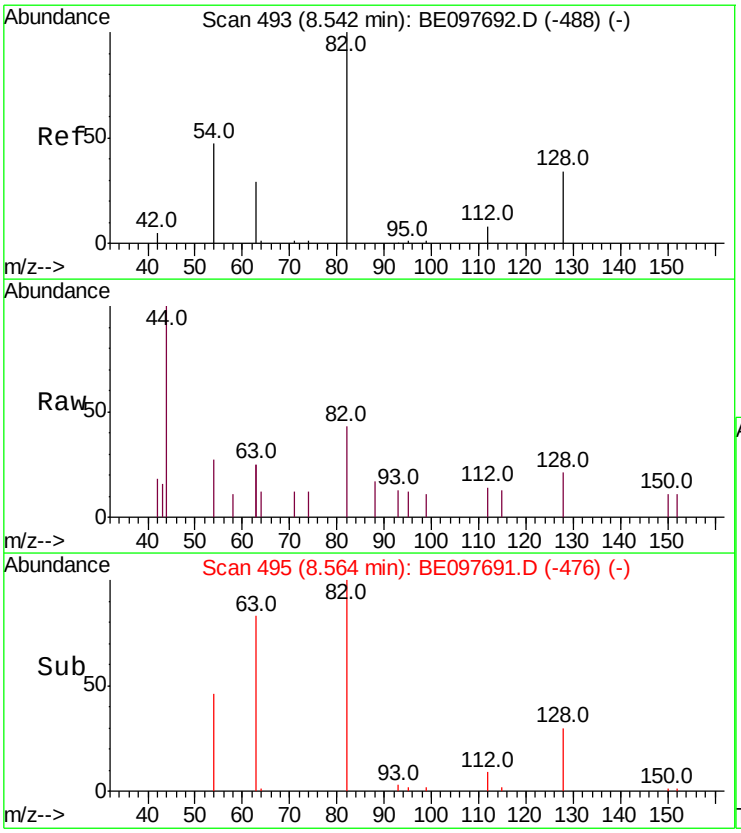
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.13 min Scan# 612
Delta R.T. 0.01 min
Lab File: BE097691.D
Acq: 27 Sep 2018 12:27

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:136 Resp: 3887

Ion	Ratio	Lower	Upper
136	100		
137	13.4	9.5	14.3
54	44.9	29.1	43.7#
68	9.2	6.2	9.2#

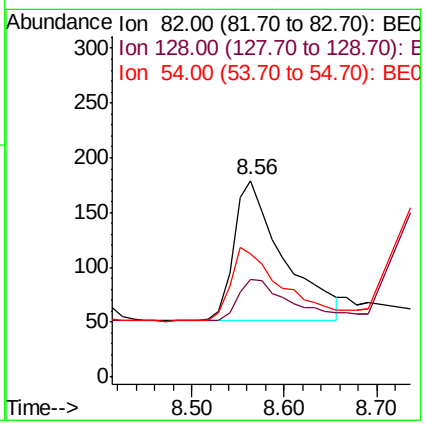


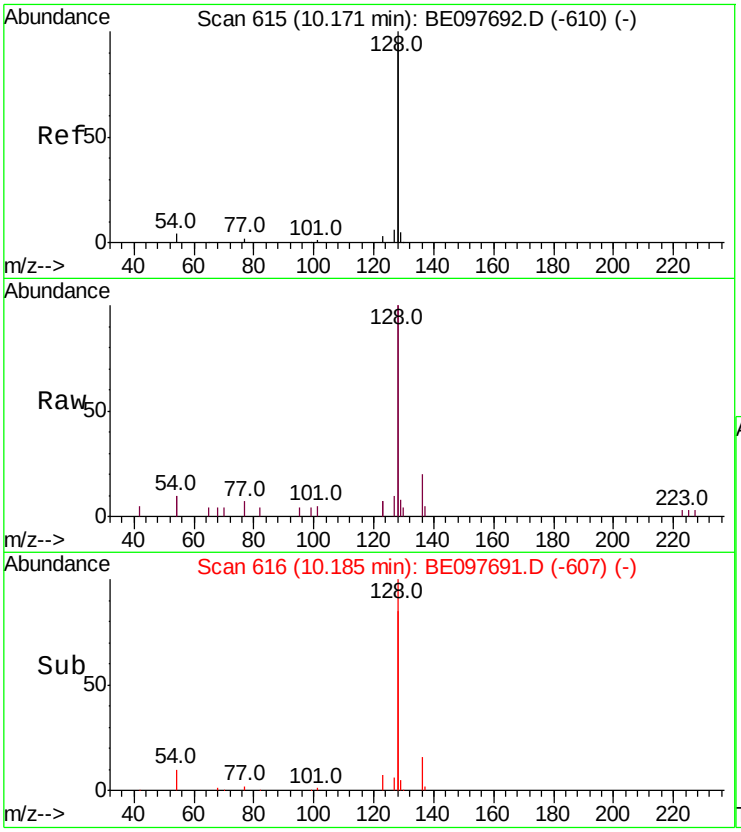


#8
Nitrobenzene-d5
Concen: 0.212 ng
RT: 8.56 min Scan# 495
Delta R.T. 0.02 min
Lab File: BE097691.D
Acq: 27 Sep 2018 12:27

Tgt Ion: 82 Resp: 477

Ion	Ratio	Lower	Upper
82	100		
128	49.7	24.0	36.0#
54	62.6	40.0	60.0#



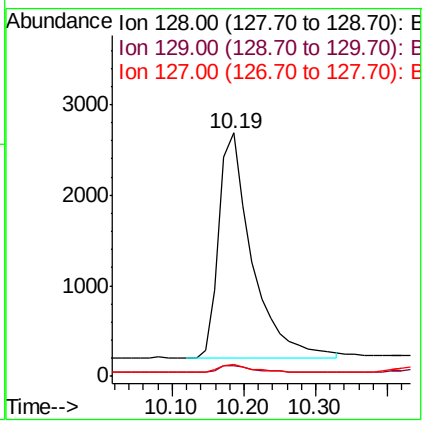


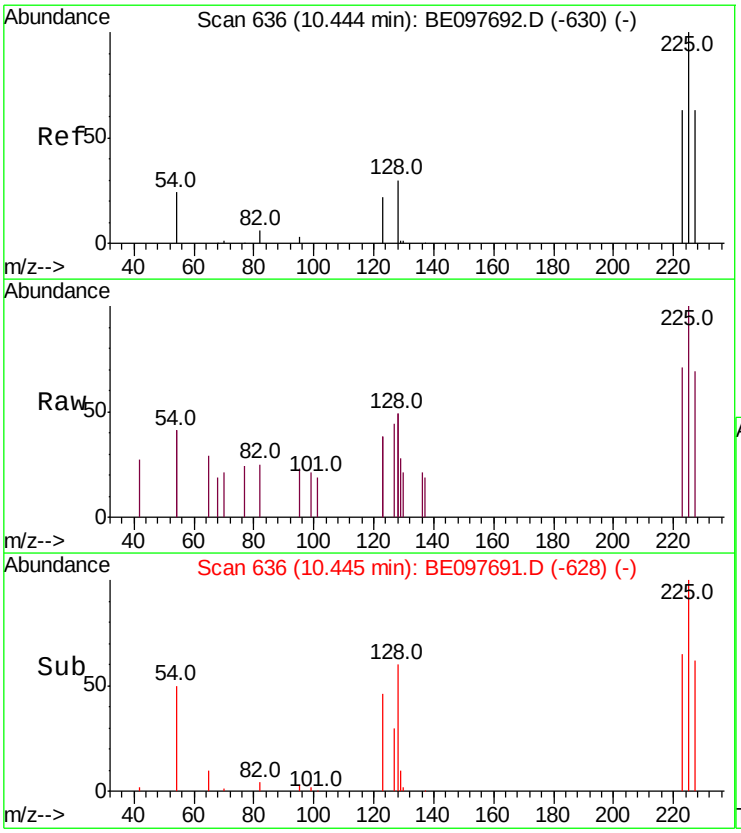
#9
Naphthalene
Concen: 0.226 ng
RT: 10.19 min Scan# 616
Delta R.T. 0.01 min
Lab File: BE097691.D
Acq: 27 Sep 2018 12:27

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:128 Resp: 7992

Ion	Ratio	Lower	Upper
128	100		
129	4.1	2.6	3.8#
127	4.8	2.8	4.2#

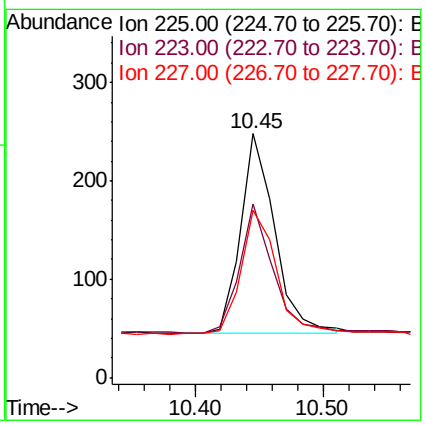


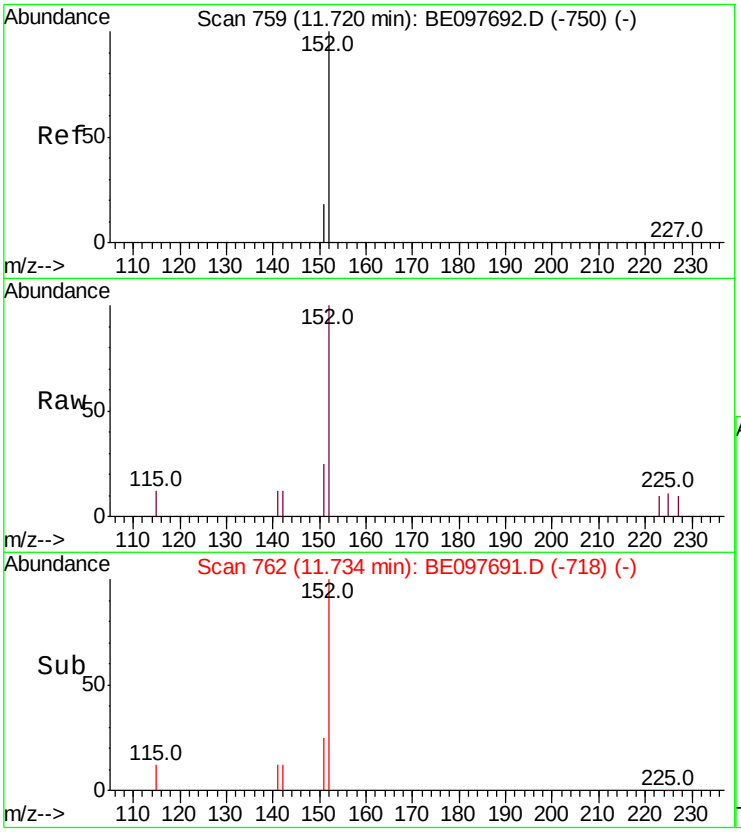


#10
Hexachlorobutadiene
Concen: 0.234 ng
RT: 10.45 min Scan# 636
Delta R.T. 0.00 min
Lab File: BE097691.D
Acq: 27 Sep 2018 12:27

Tgt Ion:225 Resp: 376

Ion	Ratio	Lower	Upper
225	100		
223	64.4	53.0	79.6
227	65.4	51.4	77.2



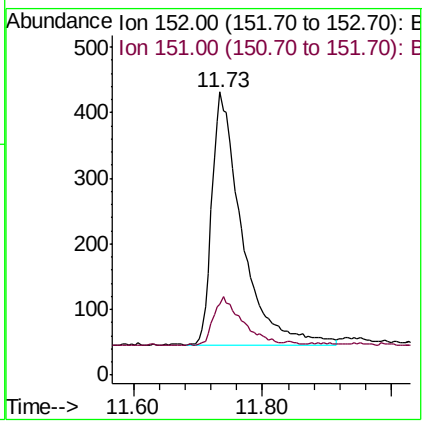


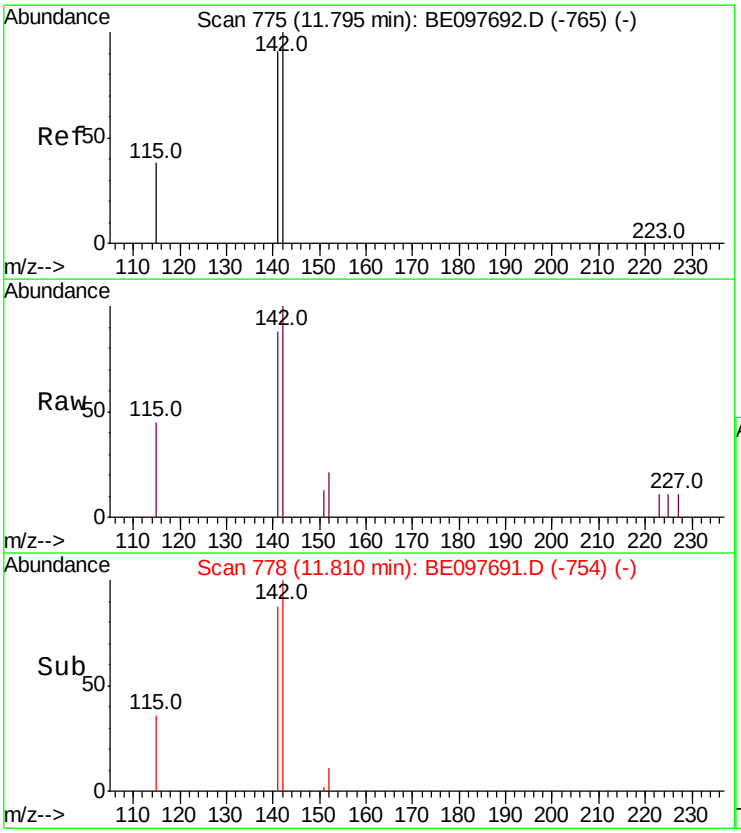
#11
2-Methylnaphthalene-d10
Concen: 0.217 ng
RT: 11.73 min Scan# 762
Delta R.T. 0.01 min
Lab File: BE097691.D
Acq: 27 Sep 2018 12:27

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:152 Resp: 1249

Ion	Ratio	Lower	Upper
152	100		
151	18.1	15.4	23.0

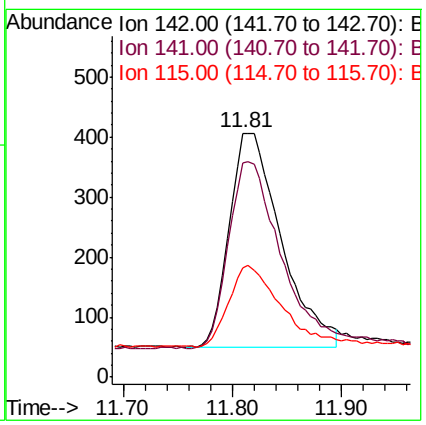


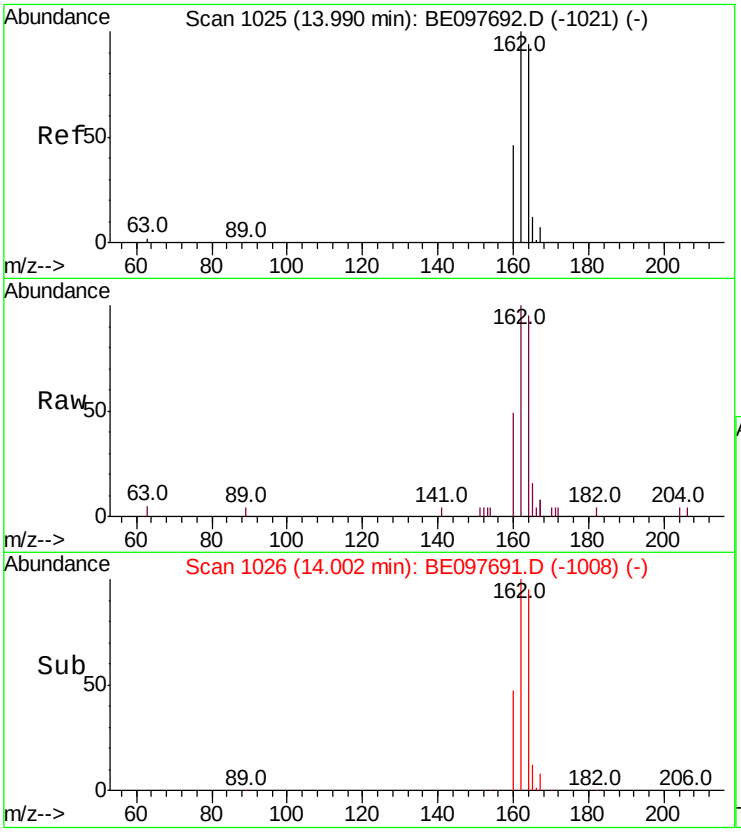


#12
2-Methylnaphthalene
Concen: 0.207 ng
RT: 11.81 min Scan# 778
Delta R.T. 0.01 min
Lab File: BE097691.D
Acq: 27 Sep 2018 12:27

Tgt Ion:142 Resp: 1159

Ion	Ratio	Lower	Upper
142	100		
141	87.7	70.4	105.6
115	45.1	31.7	47.5



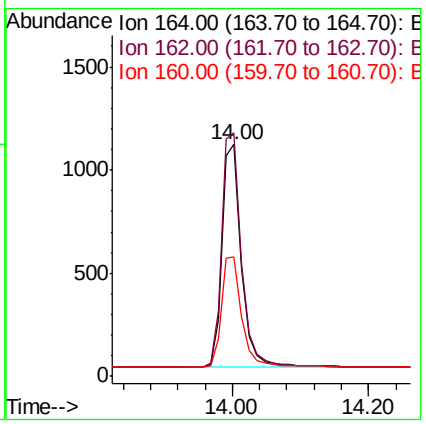


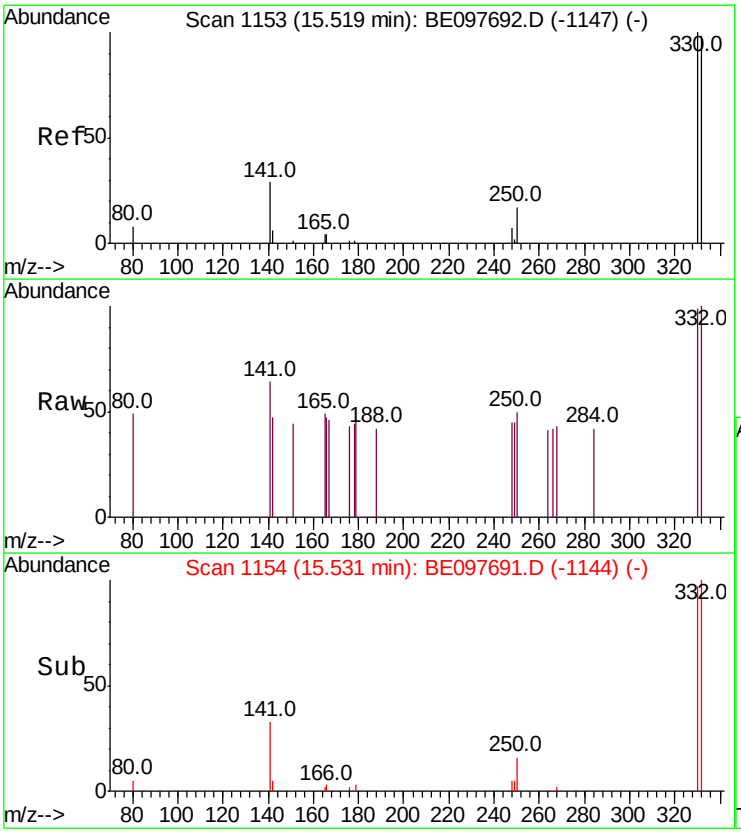
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.00 min Scan# 1026
Delta R.T. 0.01 min
Lab File: BE097691.D
Acq: 27 Sep 2018 12:27

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:164 Resp: 2166

Ion	Ratio	Lower	Upper
164	100		
162	105.0	83.1	124.7
160	51.6	37.1	55.7

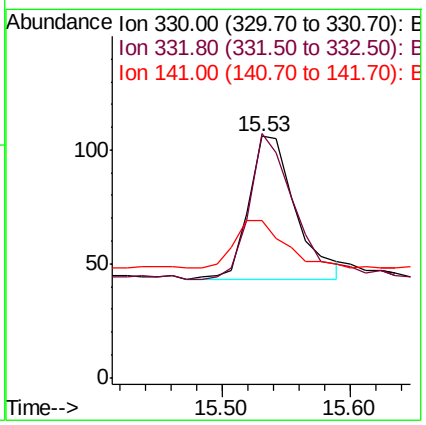


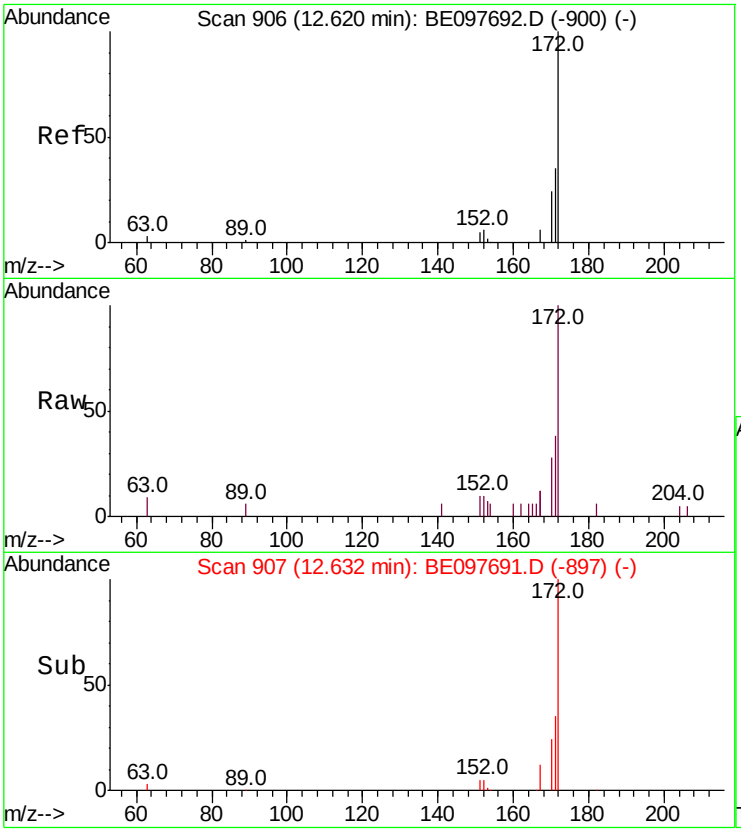


#14
2,4,6-Tribromophenol
Concen: 0.193 ng
RT: 15.53 min Scan# 1154
Delta R.T. 0.01 min
Lab File: BE097691.D
Acq: 27 Sep 2018 12:27

Tgt Ion:330 Resp: 162

Ion	Ratio	Lower	Upper
330	100		
332	96.3	152.7	229.1#
141	35.8	33.7	50.5



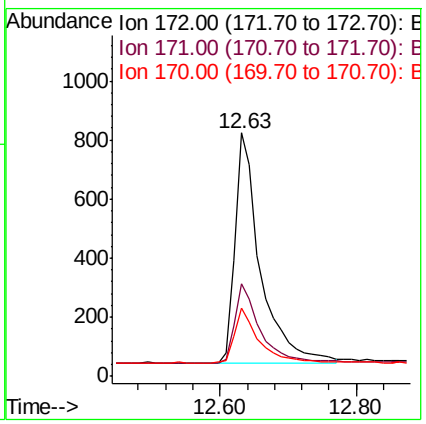


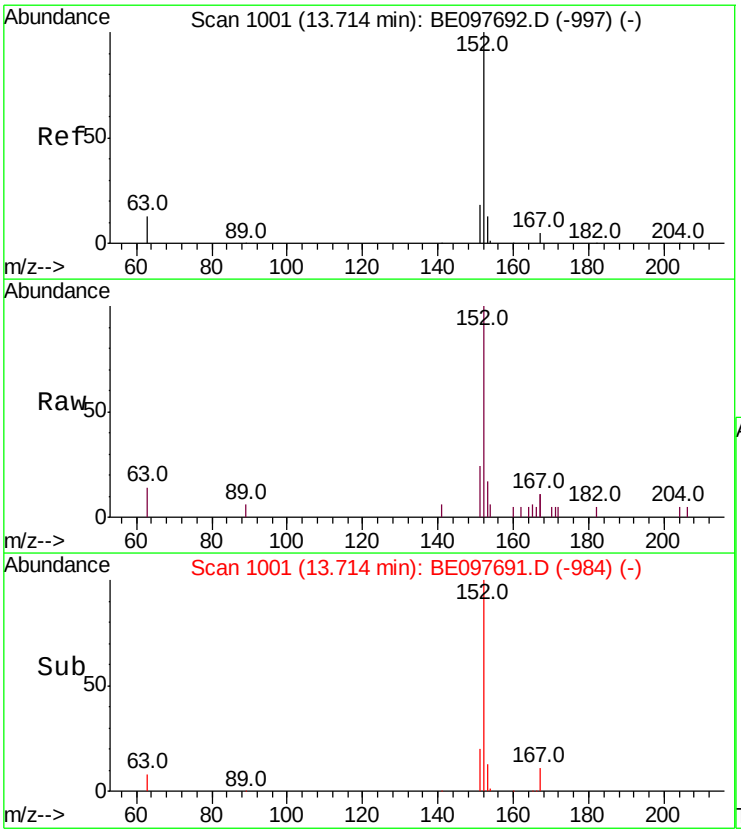
#15
2-Fluorobiphenyl
Concen: 0.285 ng
RT: 12.63 min Scan# 907
Delta R.T. 0.01 min
Lab File: BE097691.D
Acq: 27 Sep 2018 12:27

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:172 Resp: 2017

Ion	Ratio	Lower	Upper
172	100		
171	38.2	29.9	44.9
170	28.2	21.8	32.8

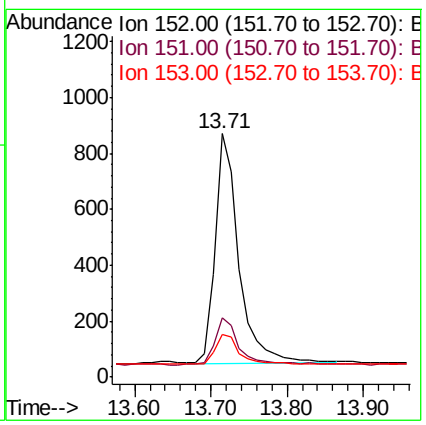


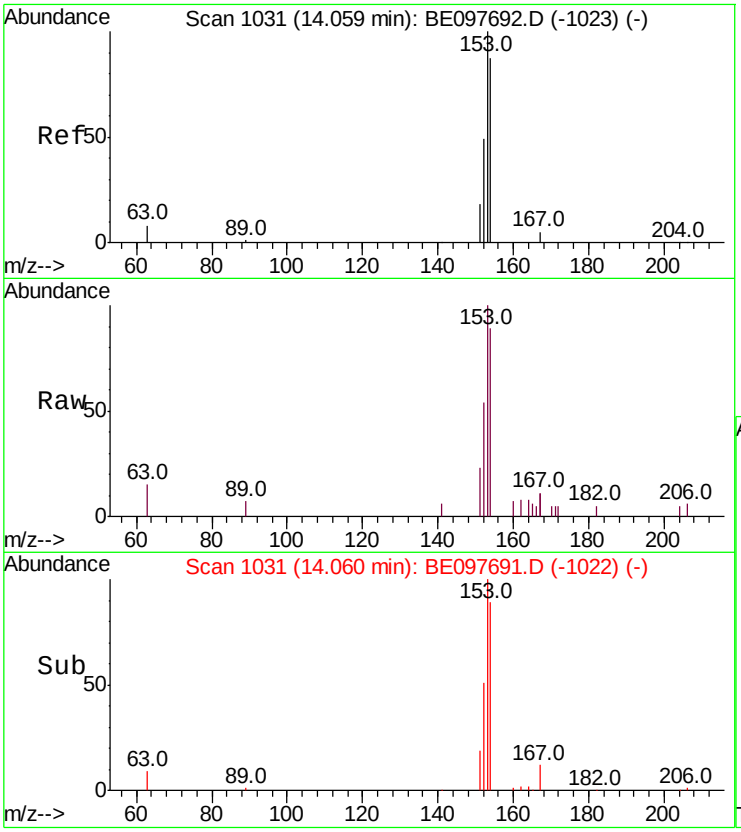


#16
Acenaphthylene
Concen: 0.204 ng
RT: 13.71 min Scan# 1001
Delta R.T. 0.00 min
Lab File: BE097691.D
Acq: 27 Sep 2018 12:27

Tgt Ion:152 Resp: 1774

Ion	Ratio	Lower	Upper
152	100		
151	20.8	15.7	23.5
153	13.2	10.5	15.7



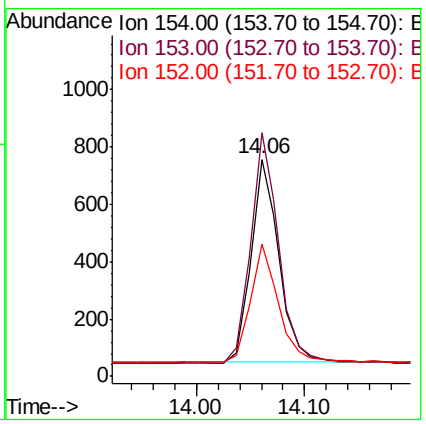


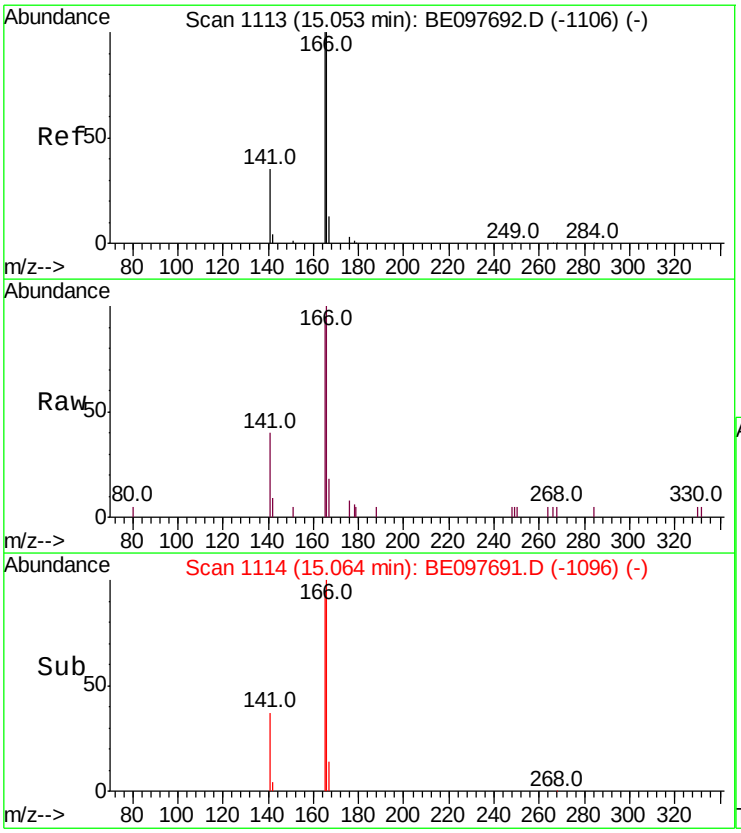
#17
Acenaphthene
Concen: 0.222 ng
RT: 14.06 min Scan# 1031
Delta R.T. 0.00 min
Lab File: BE097691.D
Acq: 27 Sep 2018 12:27

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:154 Resp: 1265

Ion	Ratio	Lower	Upper
154	100		
153	113.9	89.2	133.8
152	58.7	42.0	63.0

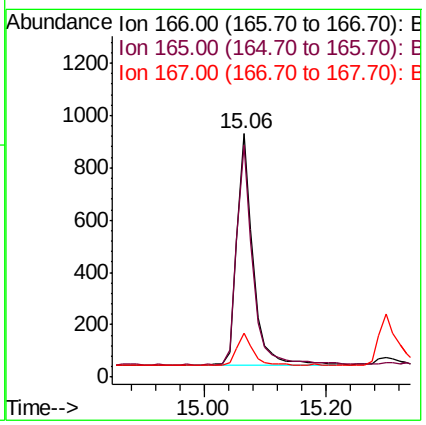


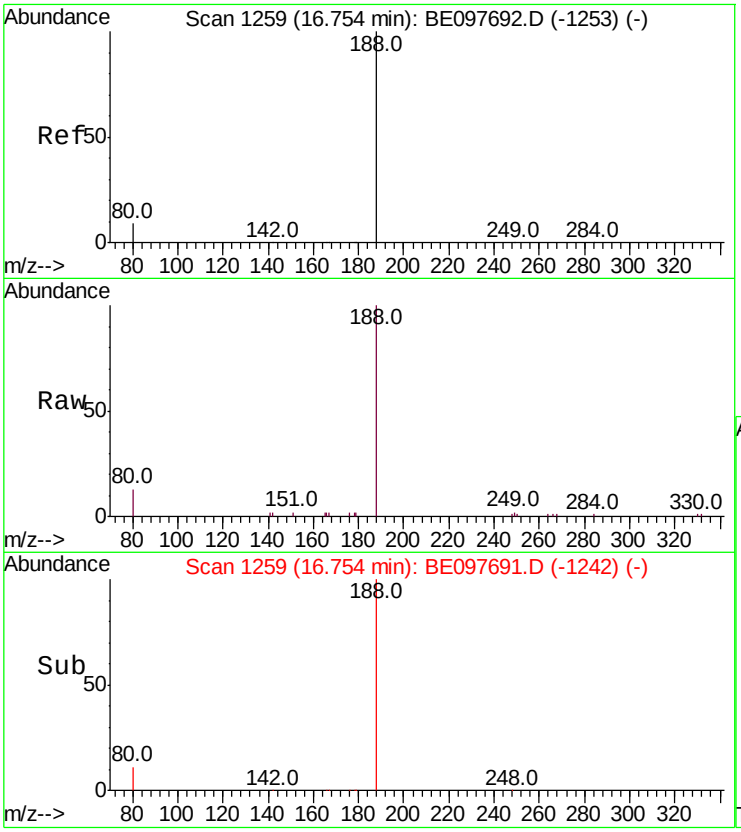


#18
Fluorene
Concen: 0.203 ng
RT: 15.06 min Scan# 1114
Delta R.T. 0.01 min
Lab File: BE097691.D
Acq: 27 Sep 2018 12:27

Tgt Ion:166 Resp: 1627

Ion	Ratio	Lower	Upper
166	100		
165	96.4	77.8	116.6
167	14.1	42.4	63.6#



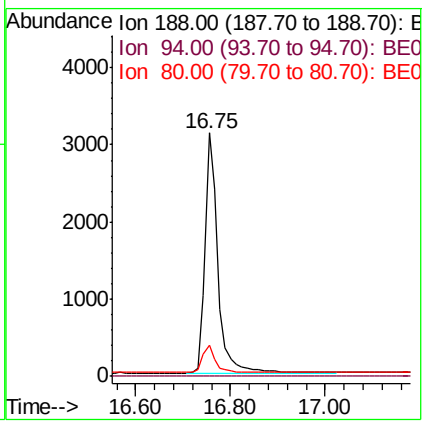


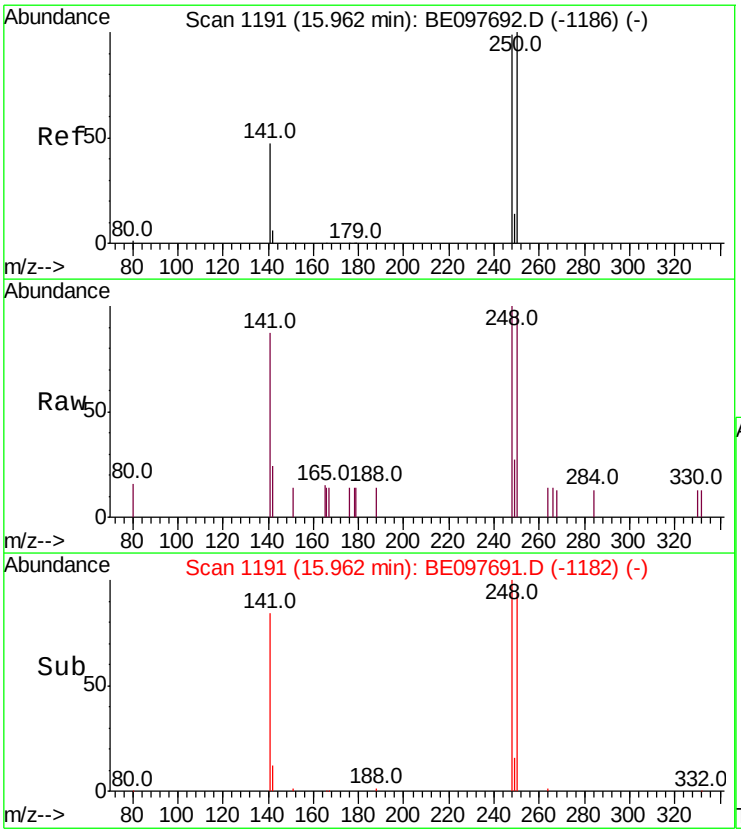
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.75 min Scan# 1259
Delta R.T. 0.00 min
Lab File: BE097691.D
Acq: 27 Sep 2018 12:27

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:188 Resp: 5870

Ion	Ratio	Lower	Upper
188	100		
94	0.0	3.9	5.9#
80	12.9	3.6	5.4#

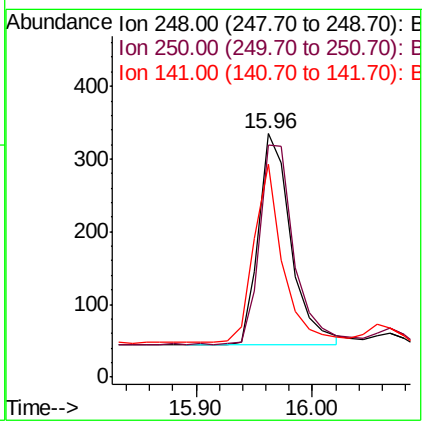


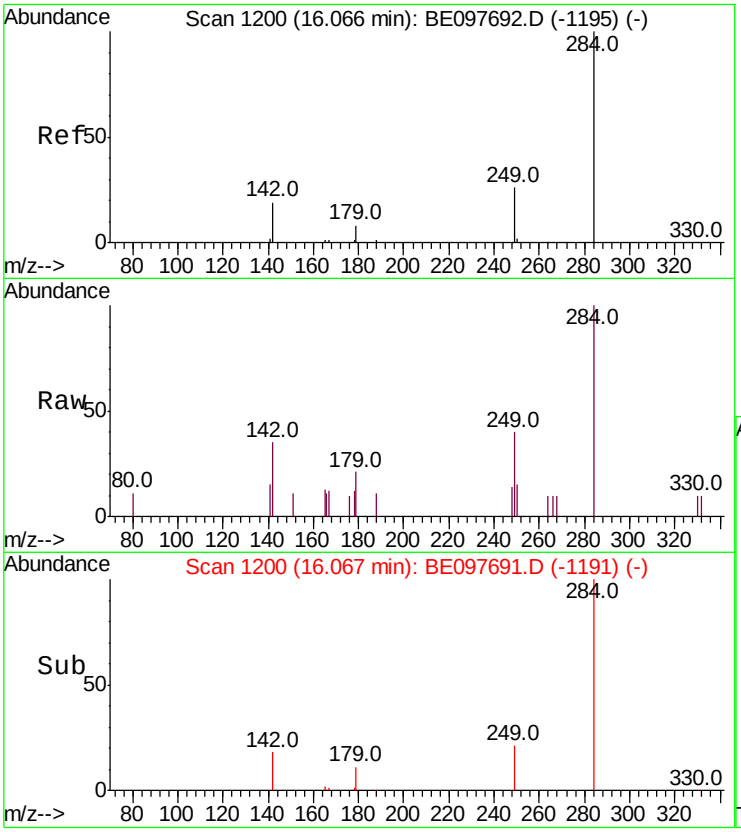


#20
4-Bromophenyl-phenylether
Concen: 0.219 ng
RT: 15.96 min Scan# 1191
Delta R.T. 0.00 min
Lab File: BE097691.D
Acq: 27 Sep 2018 12:27

Tgt Ion:248 Resp: 570

Ion	Ratio	Lower	Upper
248	100		
250	95.2	62.7	94.1#
141	87.5	48.2	72.2#



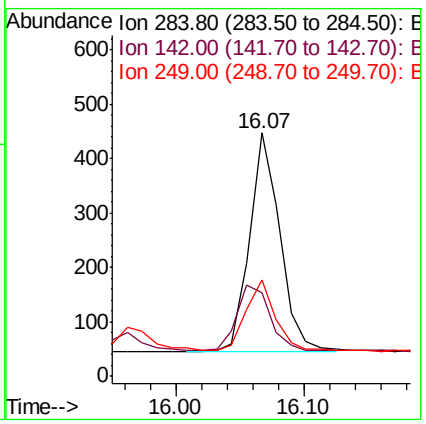


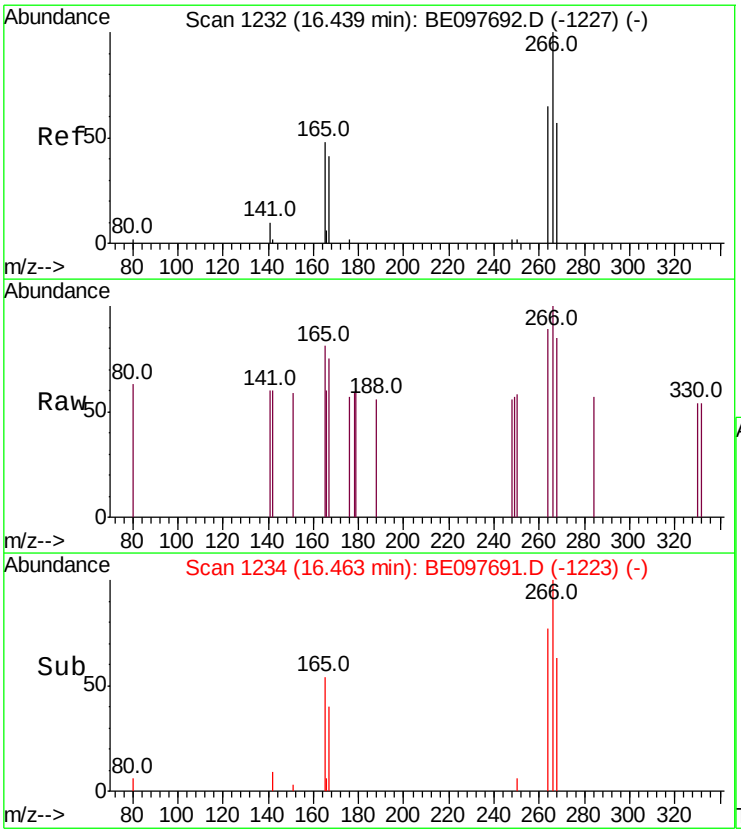
#21
Hexachlorobenzene
Concen: 0.223 ng
RT: 16.07 min Scan# 1200
Delta R.T. 0.00 min
Lab File: BE097691.D
Acq: 27 Sep 2018 12:27

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:284 Resp: 669

Ion	Ratio	Lower	Upper
284	100		
142	33.0	22.1	33.1
249	30.8	34.8	52.2#

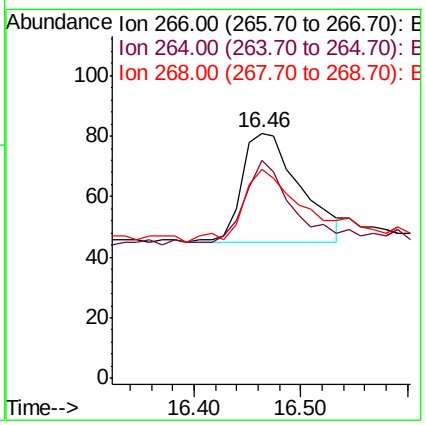


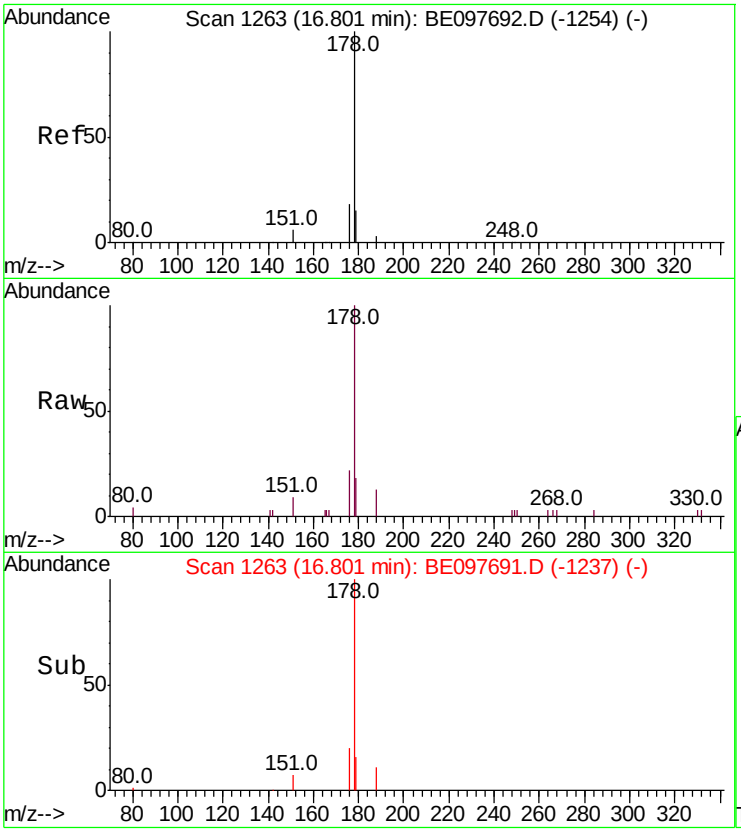


#22
Pentachlorophenol
Concen: 0.190 ng
RT: 16.46 min Scan# 1234
Delta R.T. 0.02 min
Lab File: BE097691.D
Acq: 27 Sep 2018 12:27

Tgt Ion:266 Resp: 136

Ion	Ratio	Lower	Upper
266	100		
264	88.9	72.5	108.7
268	85.2	73.8	110.6



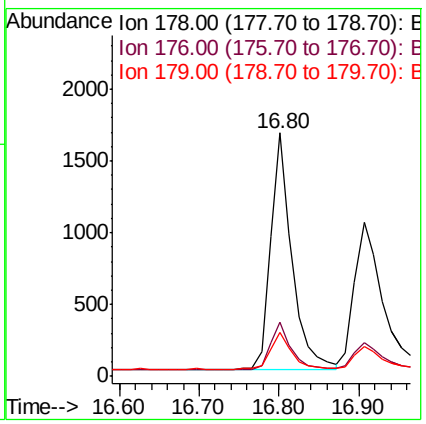


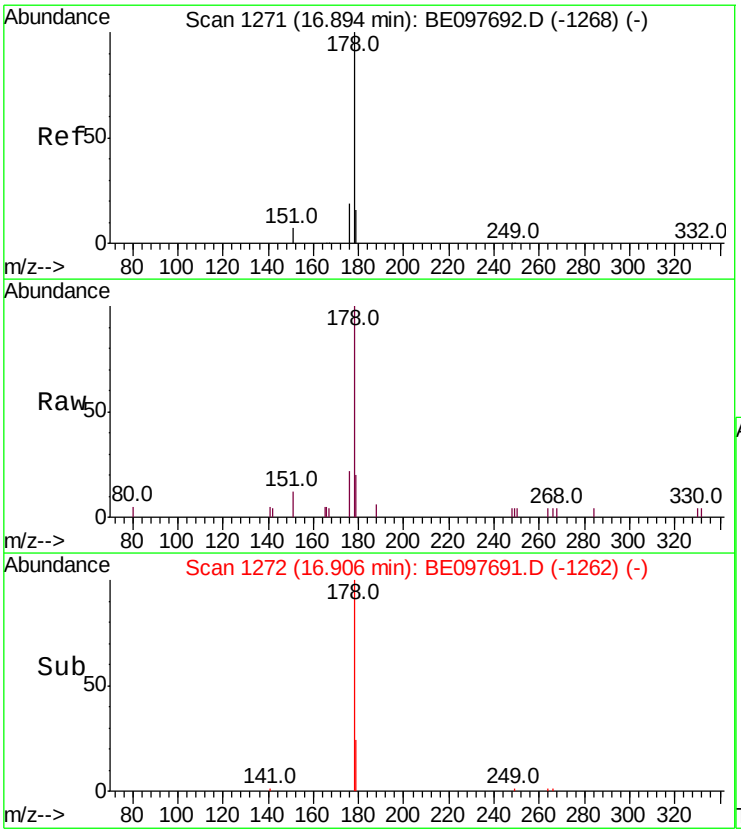
#23
Phenanthrene
Concen: 0.220 ng
RT: 16.80 min Scan# 1263
Delta R.T. 0.00 min
Lab File: BE097691.D
Acq: 27 Sep 2018 12:27

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:178 Resp: 3052

Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.1	22.7
179	15.9	11.8	17.6

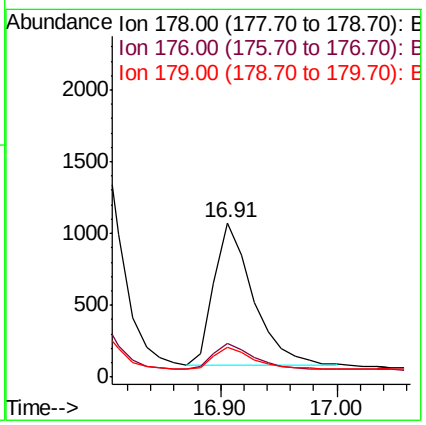


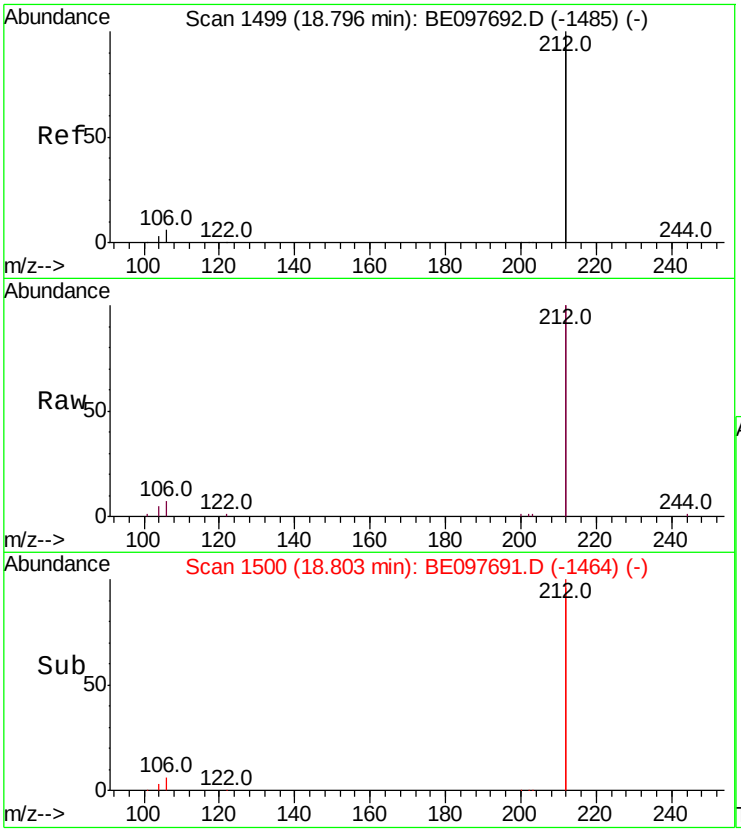


#24
Anthracene
Concen: 0.202 ng
RT: 16.91 min Scan# 1272
Delta R.T. 0.01 min
Lab File: BE097691.D
Acq: 27 Sep 2018 12:27

Tgt Ion:178 Resp: 2326

Ion	Ratio	Lower	Upper
178	100		
176	17.8	12.8	19.2
179	15.1	13.0	19.6



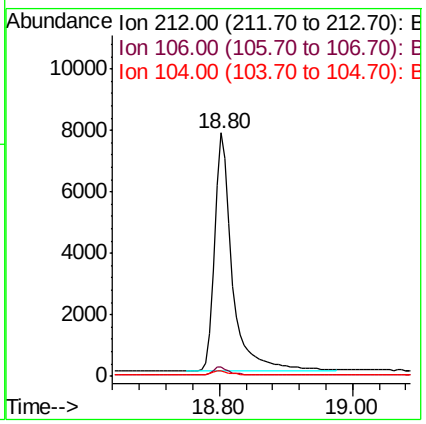


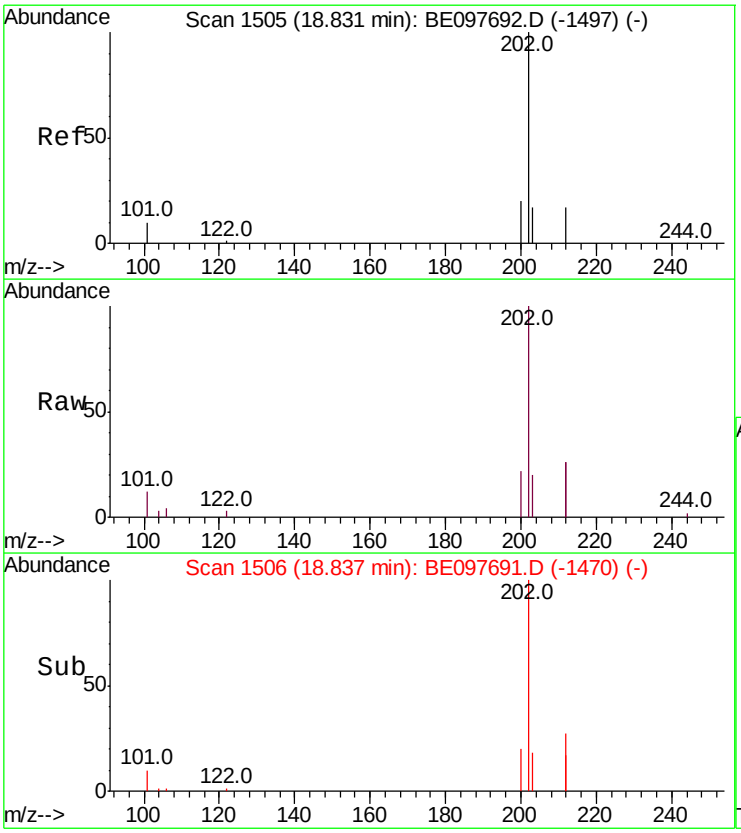
#25
Fluoranthene-d10
Concen: 0.223 ng
RT: 18.80 min Scan# 1500
Delta R.T. 0.01 min
Lab File: BE097691.D
Acq: 27 Sep 2018 12:27

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:212 Resp: 14259

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

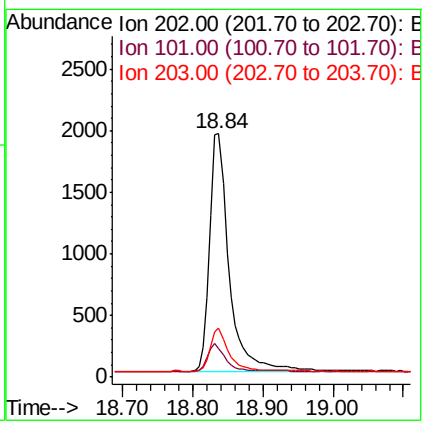


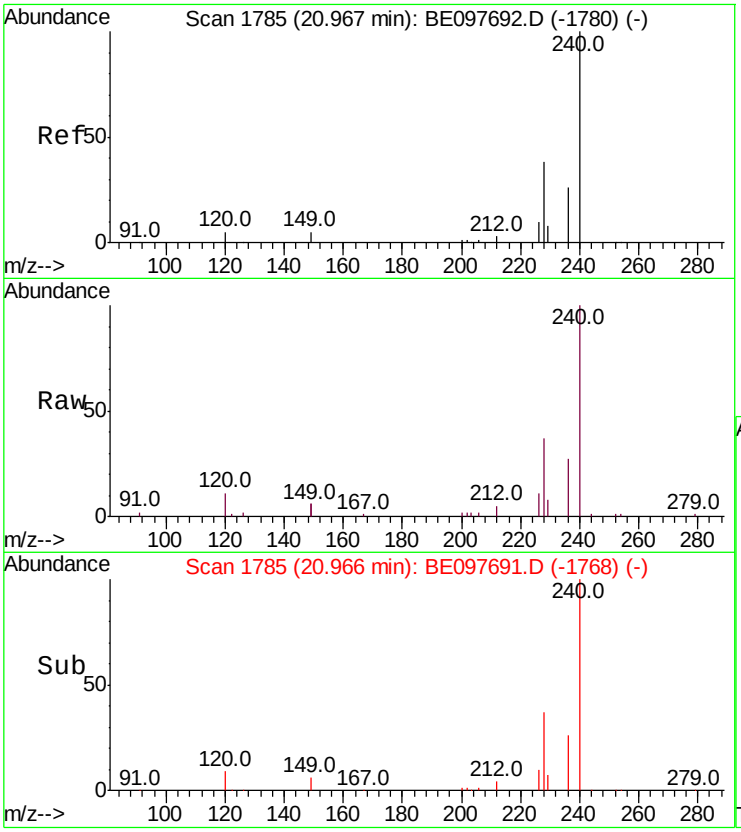


#26
Fluoranthene
Concen: 0.223 ng
RT: 18.84 min Scan# 1506
Delta R.T. 0.01 min
Lab File: BE097691.D
Acq: 27 Sep 2018 12:27

Tgt Ion:202 Resp: 3714

Ion	Ratio	Lower	Upper
202	100		
101	11.3	9.8	14.8
203	17.2	13.7	20.5



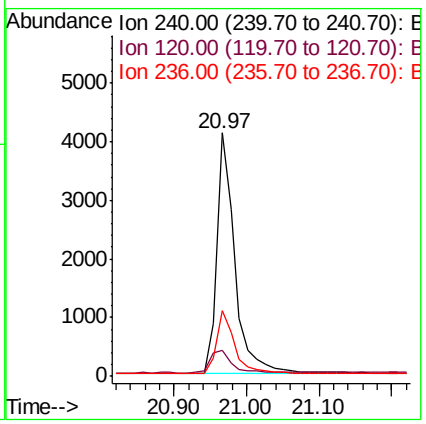


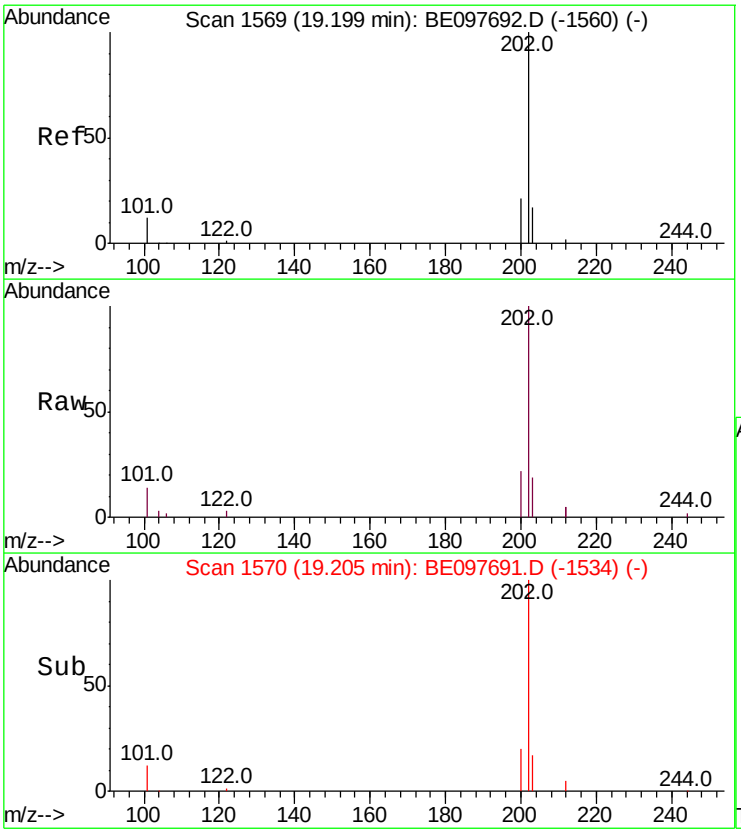
#27
Chrysene-d12
Concen: 0.400 ng
RT: 20.97 min Scan# 1785
Delta R.T. -0.00 min
Lab File: BE097691.D
Acq: 27 Sep 2018 12:27

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:240 Resp: 7168

Ion	Ratio	Lower	Upper
240	100		
120	10.6	5.5	8.3#
236	27.2	20.7	31.1

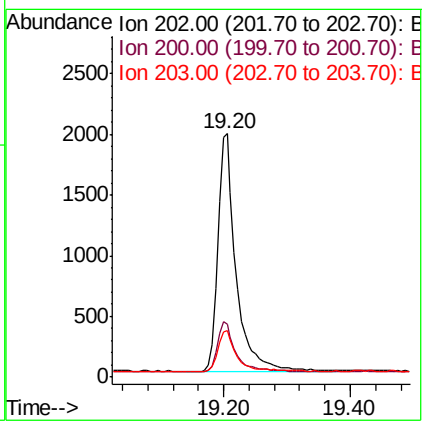


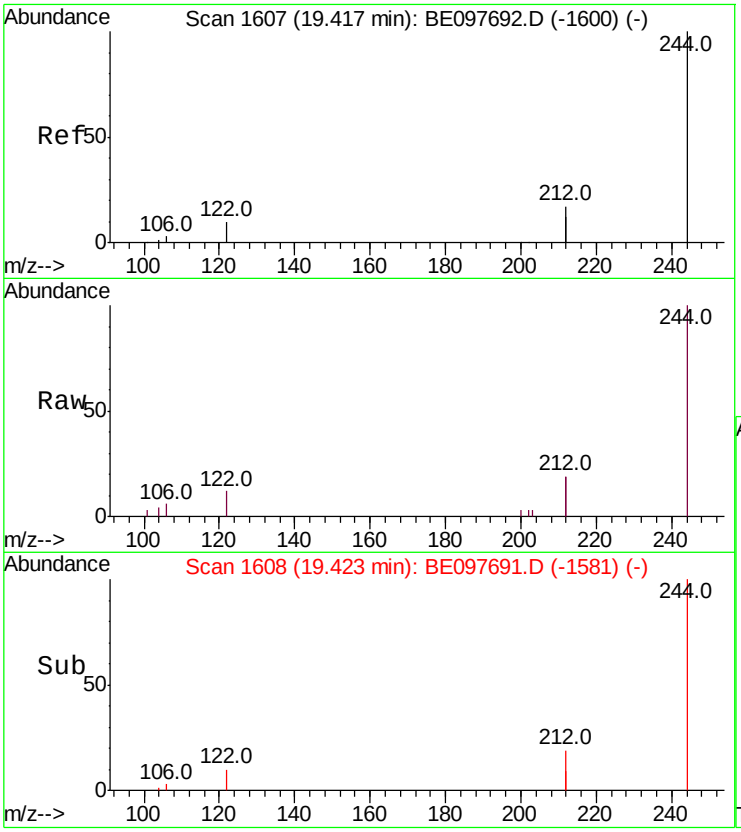


#28
Pyrene
Concen: 0.207 ng
RT: 19.20 min Scan# 1570
Delta R.T. 0.01 min
Lab File: BE097691.D
Acq: 27 Sep 2018 12:27

Tgt Ion:202 Resp: 3878

Ion	Ratio	Lower	Upper
202	100		
200	21.0	16.6	25.0
203	17.7	13.8	20.8



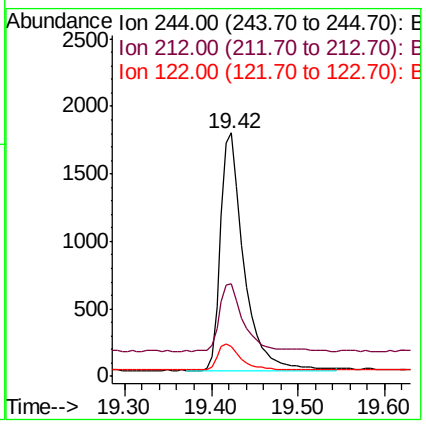


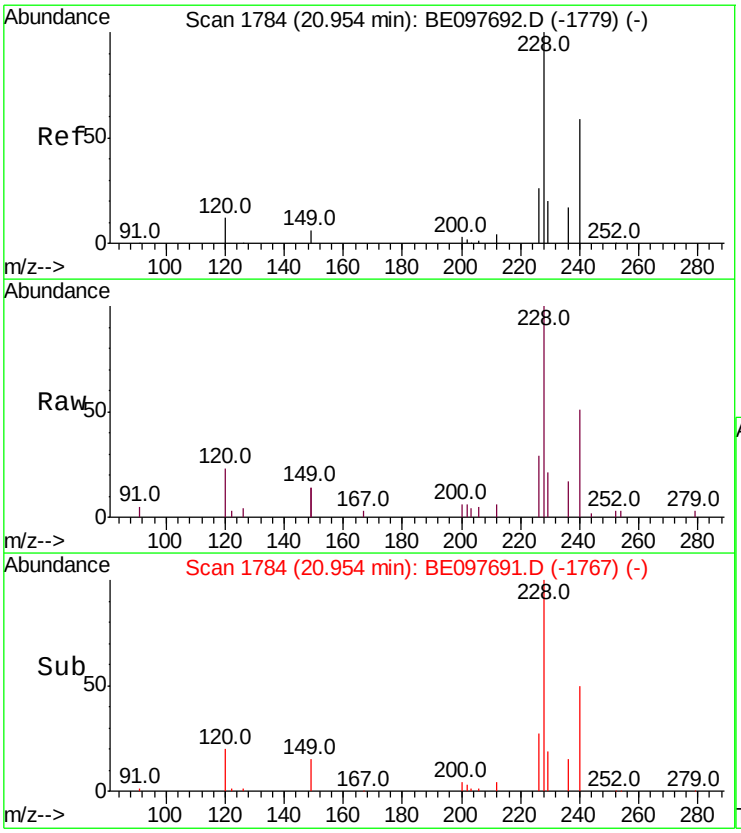
#29
Terphenyl-d14
Concen: 0.234 ng
RT: 19.42 min Scan# 1608
Delta R.T. 0.01 min
Lab File: BE097691.D
Acq: 27 Sep 2018 12:27

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:244 Resp: 3305

Ion	Ratio	Lower	Upper
244	100		
212	37.9	25.4	38.0
122	12.1	8.1	12.1

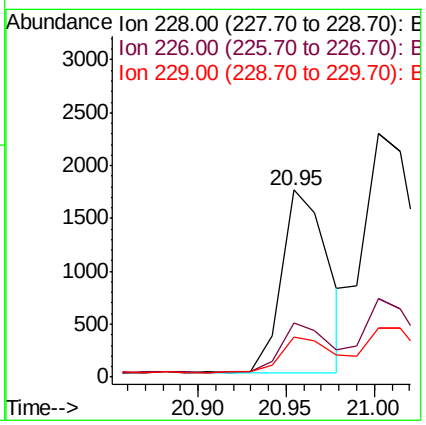


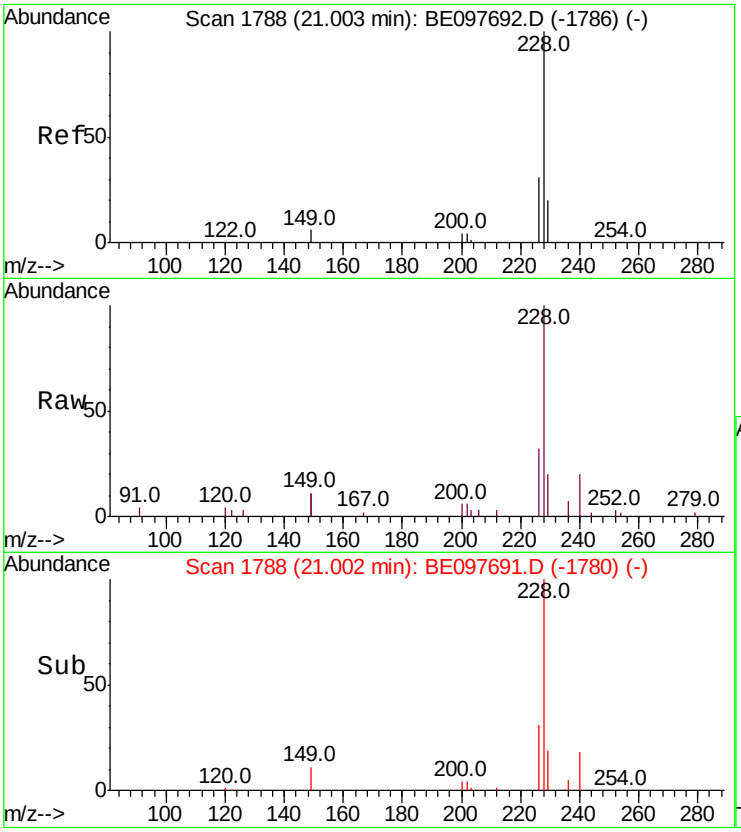


#30
Benzo(a)anthracene
Concen: 0.187 ng
RT: 20.95 min Scan# 1784
Delta R.T. -0.00 min
Lab File: BE097691.D
Acq: 27 Sep 2018 12:27

Tgt Ion:228 Resp: 3170

Ion	Ratio	Lower	Upper
228	100		
226	28.8	24.0	36.0
229	21.3	16.0	24.0



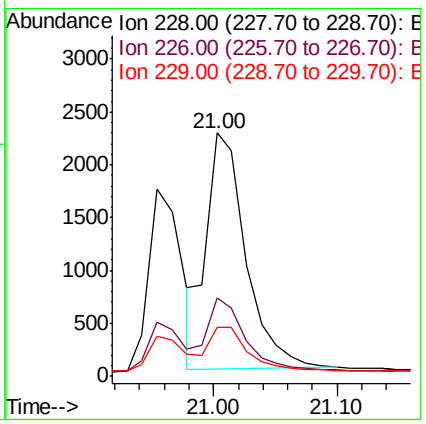


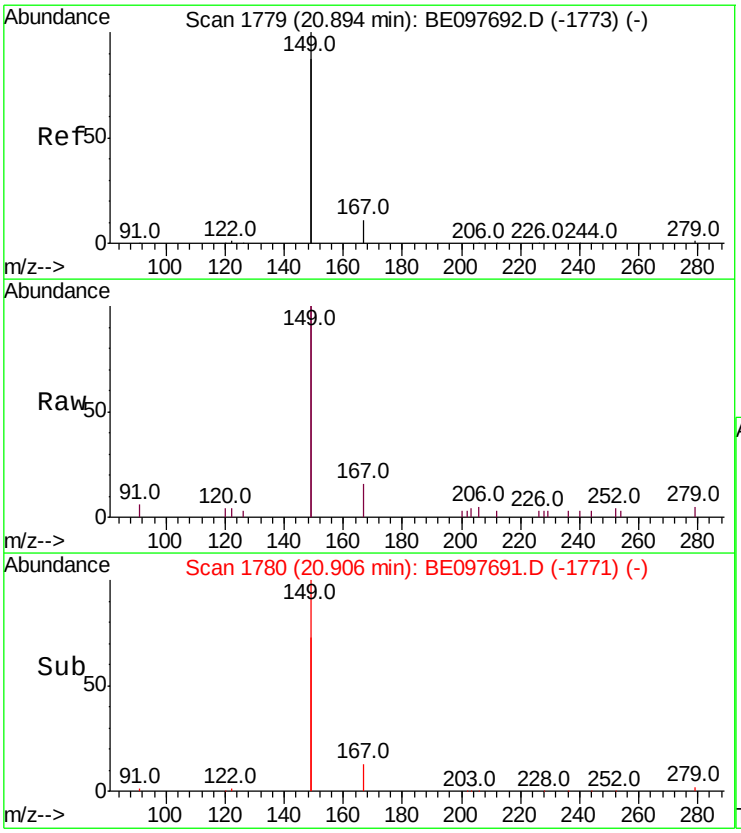
#31
Chrysene
Concen: 0.251 ng
RT: 21.00 min Scan# 1788
Delta R.T. -0.00 min
Lab File: BE097691.D
Acq: 27 Sep 2018 12:27

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:228 Resp: 4975

Ion	Ratio	Lower	Upper
228	100		
226	32.1	24.0	36.0
229	20.4	16.0	24.0

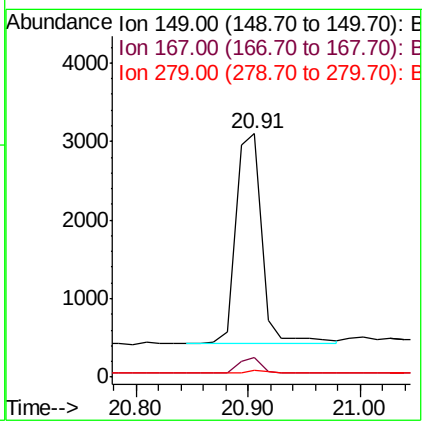


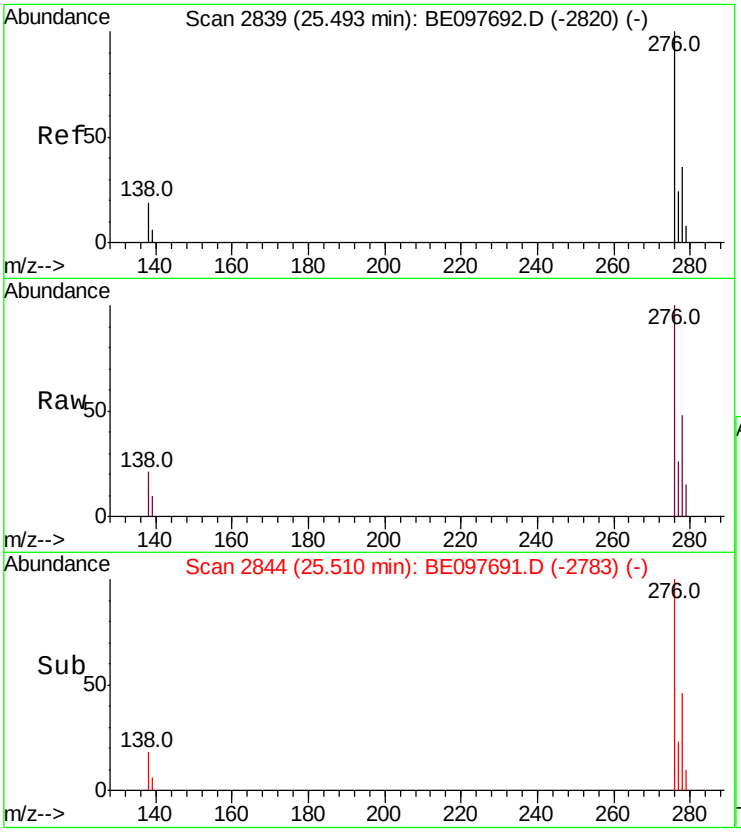


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.224 ng
RT: 20.91 min Scan# 1780
Delta R.T. 0.01 min
Lab File: BE097691.D
Acq: 27 Sep 2018 12:27

Tgt Ion:149 Resp: 4332

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



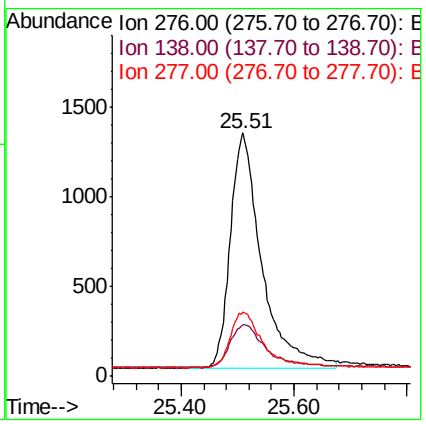


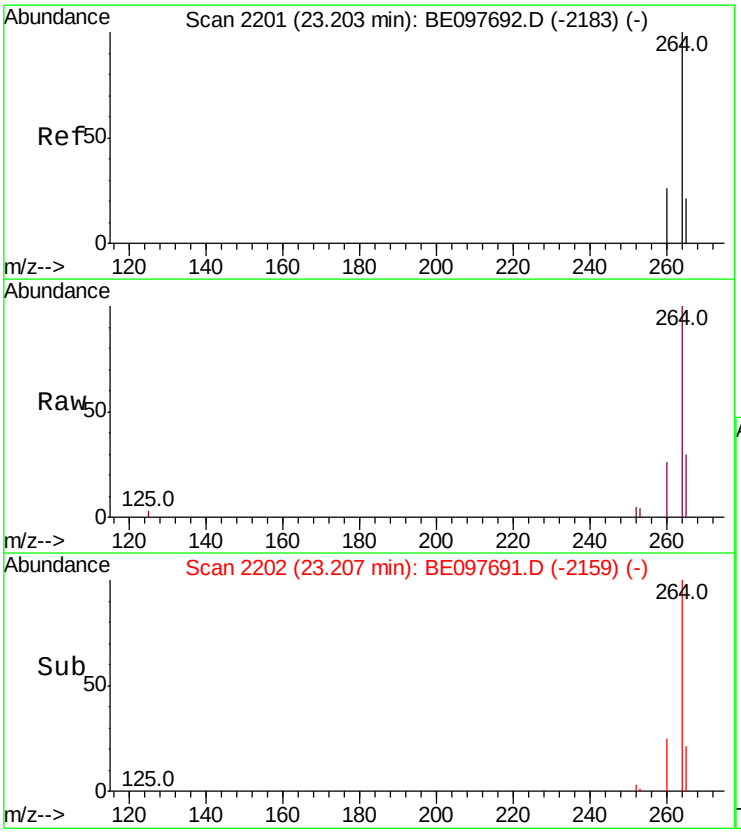
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.243 ng
RT: 25.51 min Scan# 2844
Delta R.T. 0.02 min
Lab File: BE097691.D
Acq: 27 Sep 2018 12:27

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:276 Resp: 5071

Ion	Ratio	Lower	Upper
276	100		
138	19.2	22.5	33.7#
277	24.6	19.9	29.9

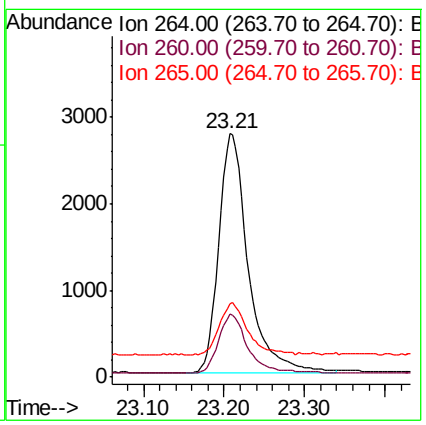


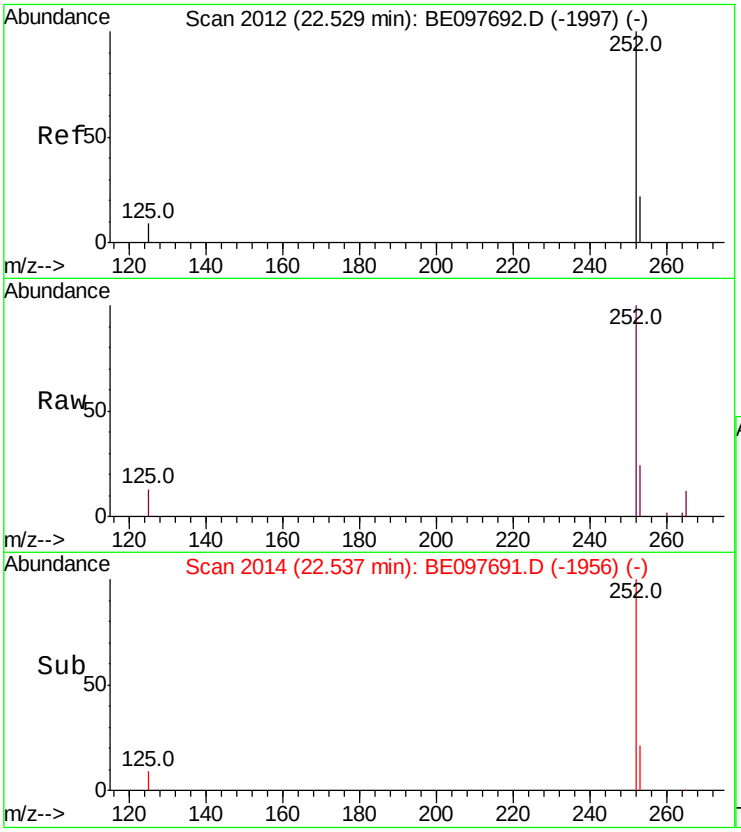


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.21 min Scan# 2202
Delta R.T. 0.00 min
Lab File: BE097691.D
Acq: 27 Sep 2018 12:27

Tgt Ion:264 Resp: 7005

Ion	Ratio	Lower	Upper
264	100		
260	26.0	20.5	30.7
265	30.3	22.8	34.2



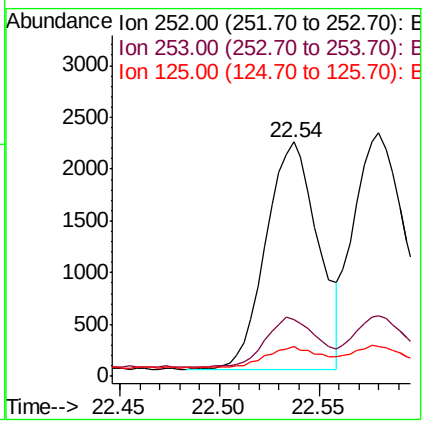


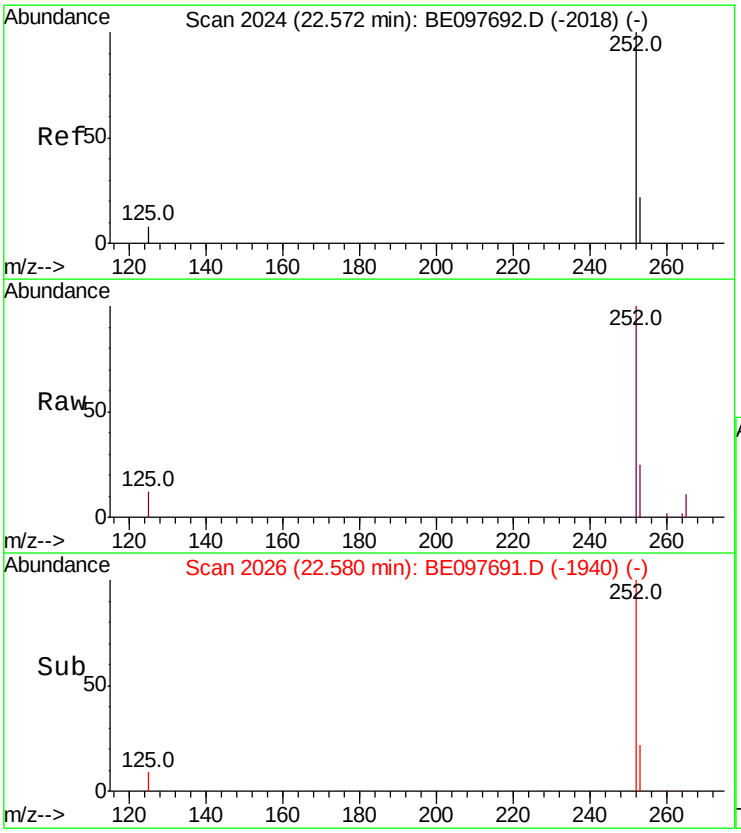
#35
Benzo(b)fluoranthene
Concen: 0.222 ng
RT: 22.54 min Scan# 2014
Delta R.T. 0.01 min
Lab File: BE097691.D
Acq: 27 Sep 2018 12:27

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:252 Resp: 3975

Ion	Ratio	Lower	Upper
252	100		
253	24.4	20.0	30.0
125	12.7	16.0	24.0#

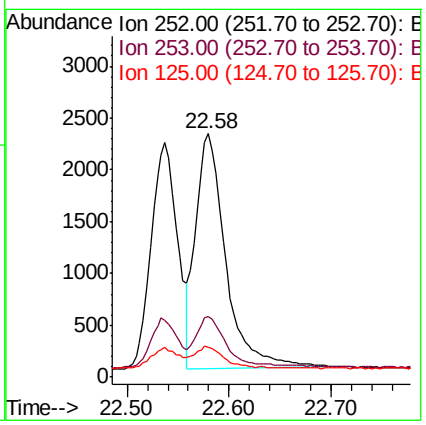


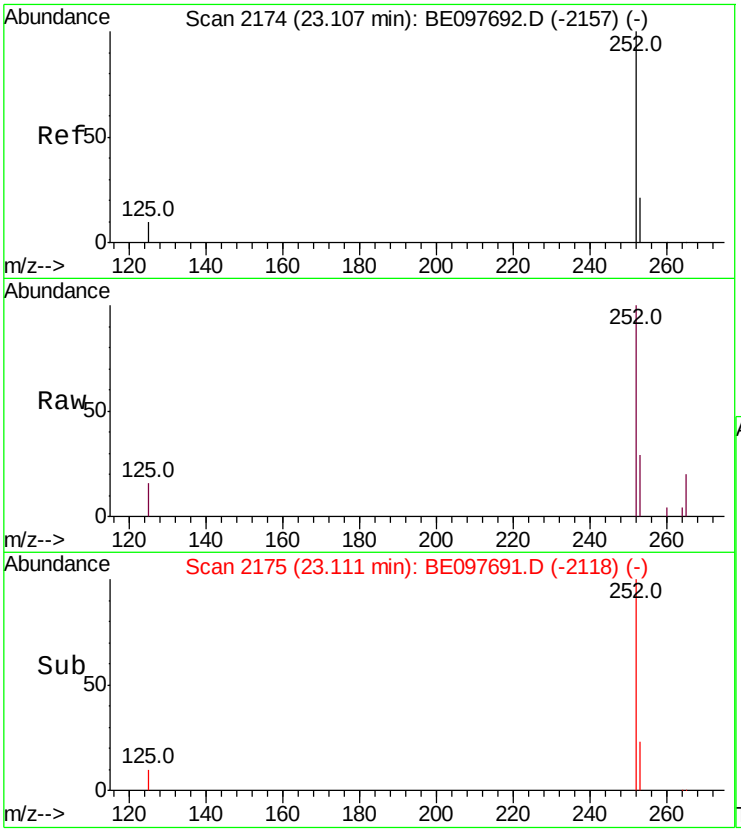


#36
Benzo(k)fluoranthene
Concen: 0.218 ng
RT: 22.58 min Scan# 2026
Delta R.T. 0.01 min
Lab File: BE097691.D
Acq: 27 Sep 2018 12:27

Tgt Ion:252 Resp: 4622

Ion	Ratio	Lower	Upper
252	100		
253	24.9	16.0	24.0#
125	12.2	8.0	12.0#



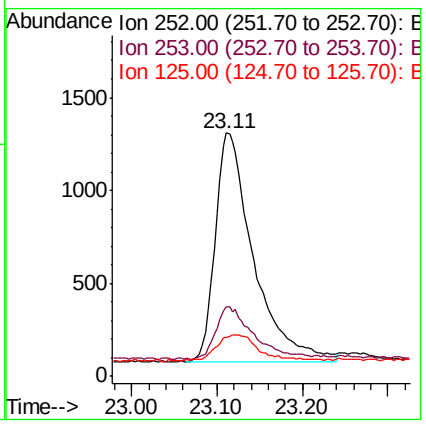


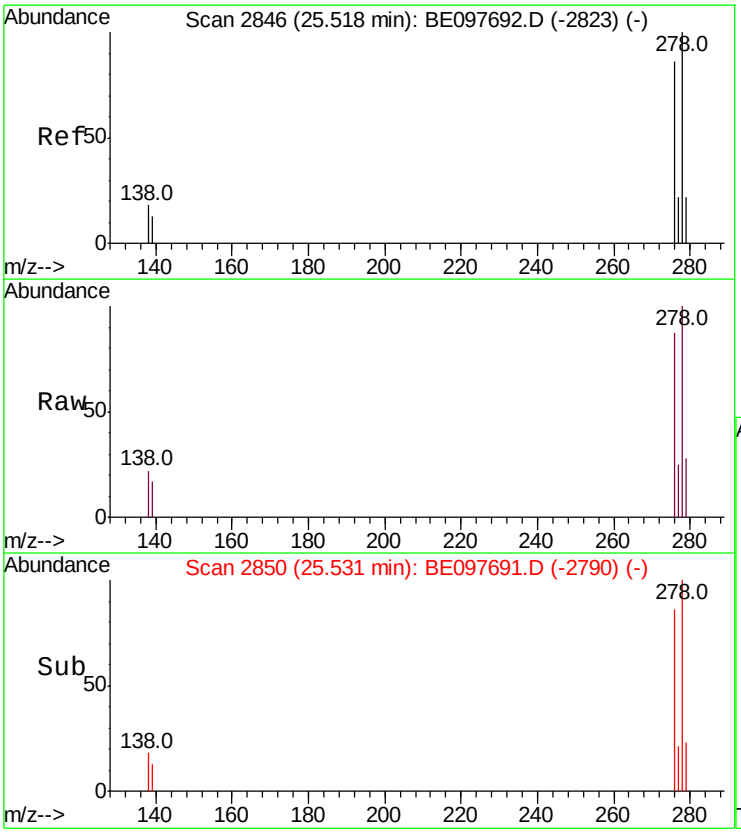
#37
Benzo(a)pyrene
Concen: 0.217 ng
RT: 23.11 min Scan# 2175
Delta R.T. 0.00 min
Lab File: BE097691.D
Acq: 27 Sep 2018 12:27

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:252 Resp: 3842

Ion	Ratio	Lower	Upper
252	100		
253	28.5	16.0	24.0#
125	15.9	12.0	18.0

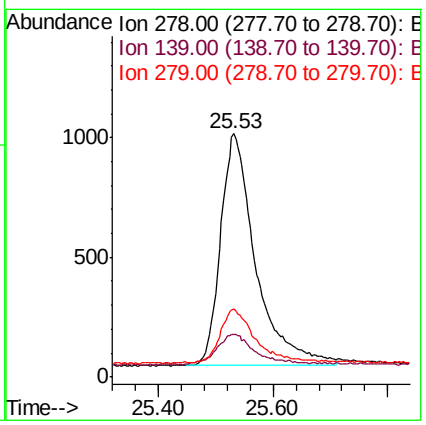


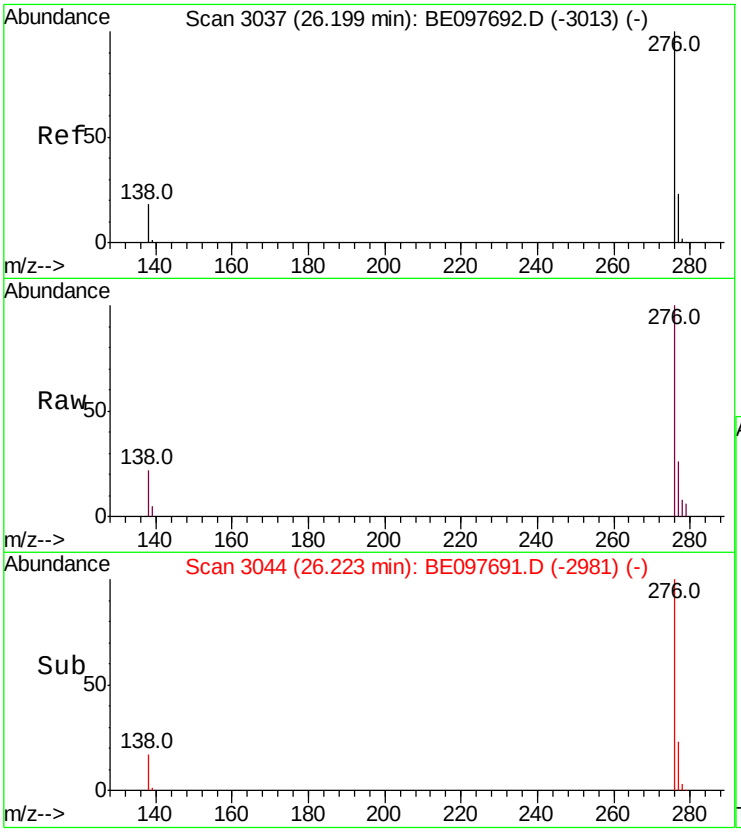


#38
Dibenzo(a,h)anthracene
Concen: 0.223 ng
RT: 25.53 min Scan# 2850
Delta R.T. 0.01 min
Lab File: BE097691.D
Acq: 27 Sep 2018 12:27

Tgt Ion:278 Resp: 4142

Ion	Ratio	Lower	Upper
278	100		
139	17.3	16.0	24.0
279	28.0	20.0	30.0





#39
Benzo(g,h,i)perylene
Concen: 0.230 ng
RT: 26.22 min Scan# 3044
Delta R.T. 0.02 min
Lab File: BE097691.D
Acq: 27 Sep 2018 12:27

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:276 Resp: 4260

Ion	Ratio	Lower	Upper
276	100		
277	26.5	16.0	24.0#
138	21.6	20.0	30.0