Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE081518\
Data File : BE097281.D
Acq On : 15 Aug 2018 16:29
Operator : SJ/JU
Sample : PB112028BSD
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : PB112028BSD

Quant Time: Aug 15 17:33:36 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE081518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 15 14:23:39 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.39	152	952	0.40	ng		0.00
7) Naphthalene-d8	10.15	136	3967	0.40	ng		0.00
13) Acenaphthene-d10	14.01	164	2064	0.40	ng		0.00
19) Phenanthrene-d10	16.77	188	5732	0.40	ng		0.00
27) Chrysene-d12	20.98	240	5614	0.40	ng		0.00
34) Perylene-d12	23.22	264	4616	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.06	112	1162	0.37	ng		0.00
5) Phenol-d6	6.61	99	1388	0.31	ng		0.00
8) Nitrobenzene-d5	8.52	82	1493	0.41	ng		0.00
11) 2-Methylnaphthalene-d10	11.72	152	4127	0.72	ng		0.00
14) 2,4,6-Tribromophenol	15.53	330	254	0.41	ng		0.00
15) 2-Fluorobiphenyl	12.63	172	3514	0.45	ng		0.00
25) Fluoranthene-d10	18.81	212	24412	0.43	ng		0.00
29) Terphenyl-d14	19.43	244	3998	0.38	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.11	88	355	0.332	ng		97
3) n-Nitrosodimethylamine	3.38	42	534	0.430	ng	#	90
6) bis(2-Chloroethyl)ether	6.84	93	1215	0.341	ng		98
9) Naphthalene	10.18	128	14789	0.399	ng		99
10) Hexachlorobutadiene	10.48	225	655	0.391	ng		99
12) 2-Methylnaphthalene	11.80	142	2333	0.384	ng		97
16) Acenaphthylene	13.73	152	3749	0.393	ng		100
17) Acenaphthene	14.07	154	2182	0.398	ng	#	90
18) Fluorene	15.08	166	3068	0.451	ng	#	79
20) 4-Bromophenyl-phenylether	15.97	248	993	0.332	ng	#	88
21) Hexachlorobenzene	16.08	284	1229	0.362	ng	#	82
22) Pentachlorophenol	16.44	266	516	0.764	ng	#	79
23) Phenanthrene	16.81	178	5664	0.409	ng		99
24) Anthracene	16.91	178	4945	0.399	ng		96
26) Fluoranthene	18.84	202	6557	0.428	ng		98
28) Pyrene	19.21	202	6054	0.400	ng		99
30) Benzo(a)anthracene	20.97	228	5710	0.404	ng		97
31) Chrysene	21.01	228	6215	0.430	ng		99
32) Bis(2-ethylhexyl)phthalate	20.92	149	5553	0.304	ng		98
33) Indeno(1,2,3-cd)pyrene	25.53	276	6248	0.401	ng	#	92
35) Benzo(b)fluoranthene	22.54	252	5428	0.473	ng	#	90
36) Benzo(k)fluoranthene	22.54	252	5428	0.389	ng		93
37) Benzo(a)pyrene	23.12	252	5079	0.441	ng	#	91
38) Dibenzo(a,h)anthracene	25.55	278	5059	0.445	ng		96
39) Benzo(g,h,i)perylene	26.22	276	5174	0.451	ng	#	89

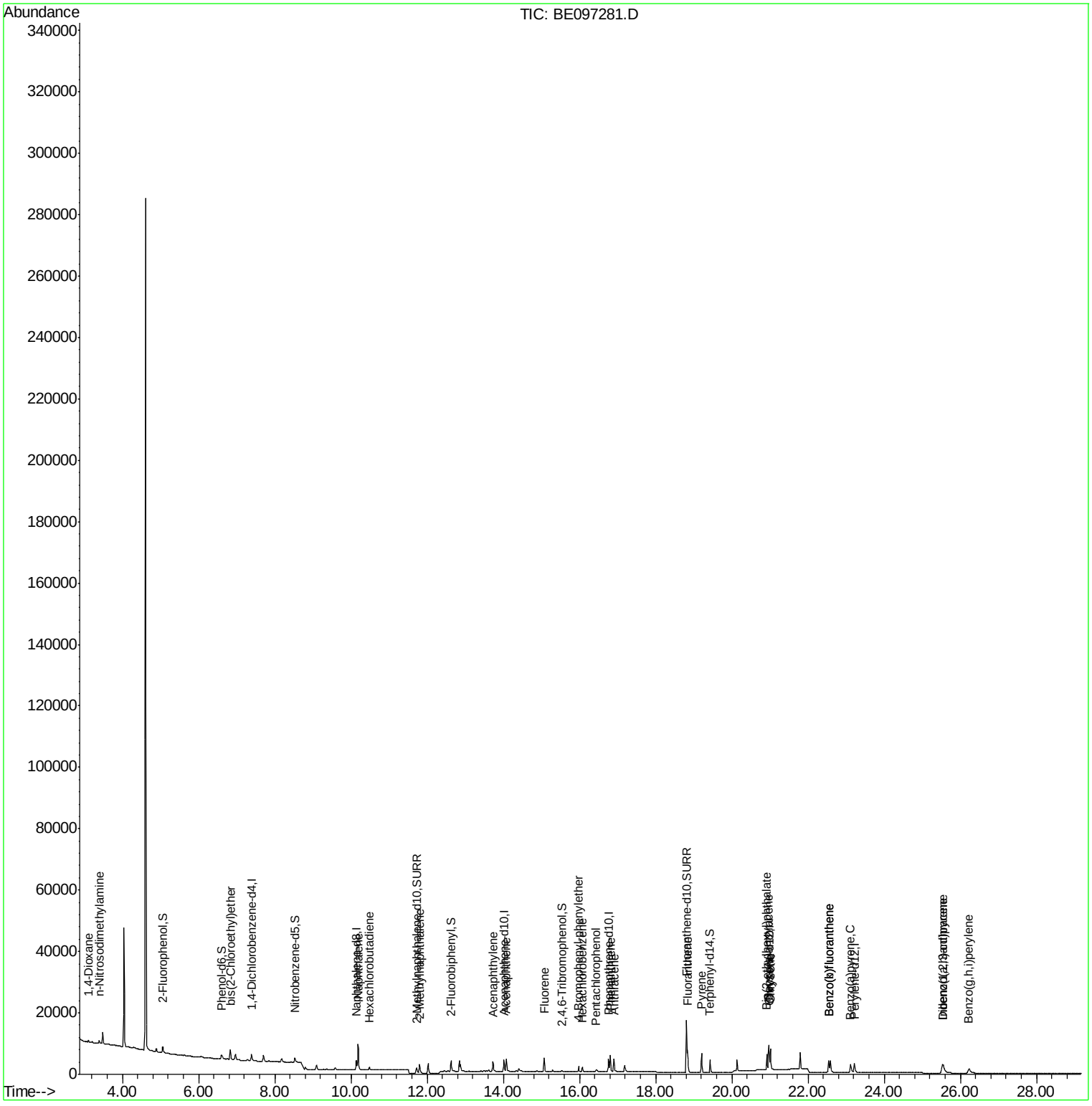
(#) = qualifier out of range (m) = manual integration (+) = signals summed

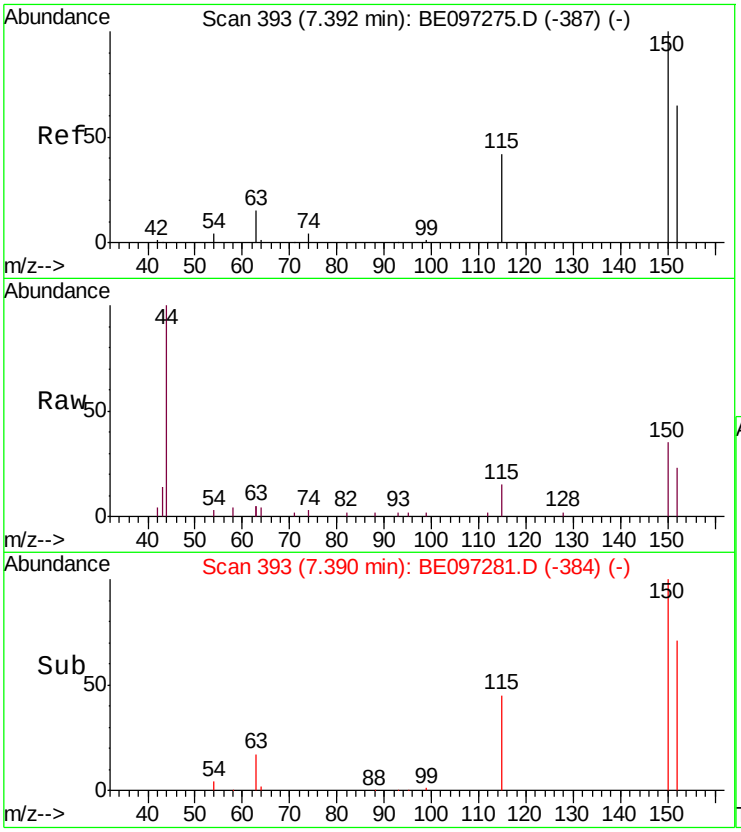
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE081518\
Data File : BE097281.D
Acq On : 15 Aug 2018 16:29
Operator : SJ/JU
Sample : PB112028BSD
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
PB112028BSD

Quant Time: Aug 15 17:33:36 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE081518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 15 14:23:39 2018
Response via : Initial Calibration



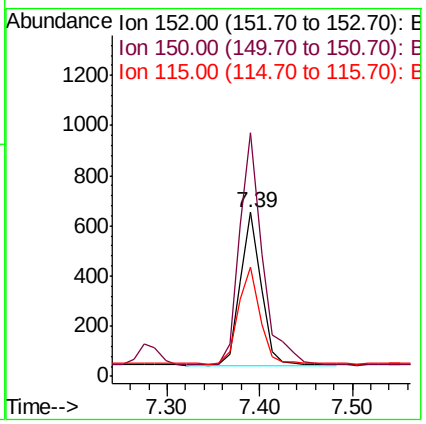


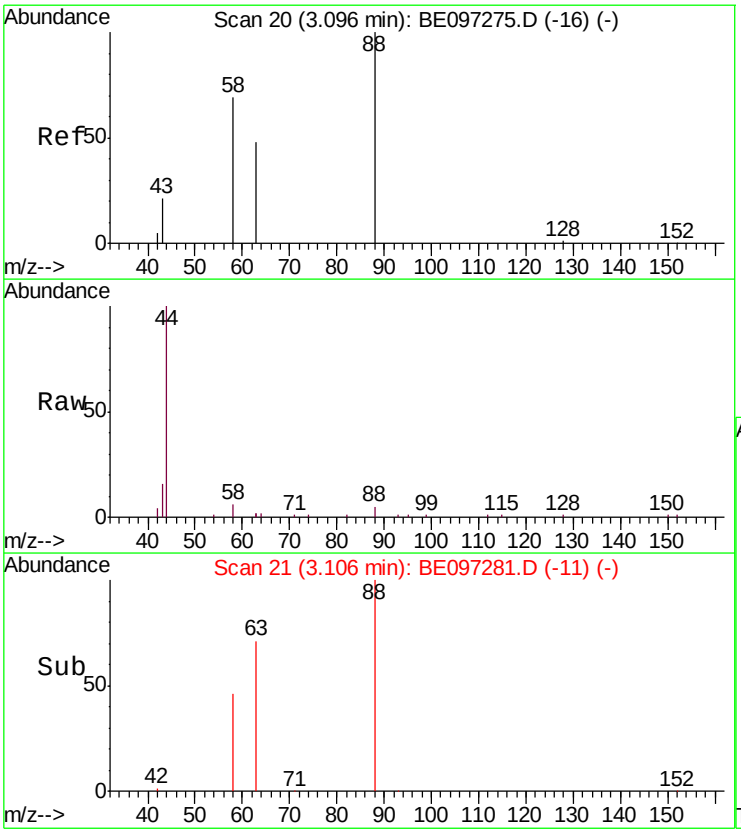
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.39 min Scan# 393
Delta R.T. -0.00 min
Lab File: BE097281.D
Acq: 15 Aug 2018 16:29

Instrument :
BNA_E
ClientSampleId :
PB112028BSD

Tgt Ion:152 Resp: 952

Ion	Ratio	Lower	Upper
152	100		
150	148.7	117.2	175.8
115	66.8	57.0	85.6

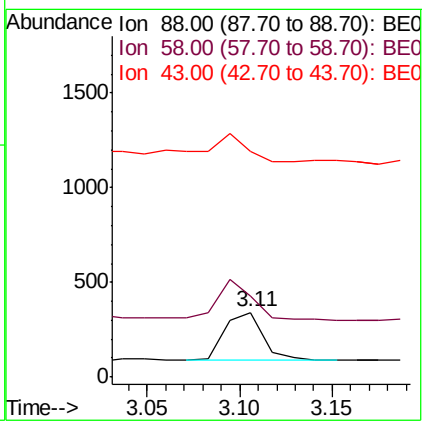


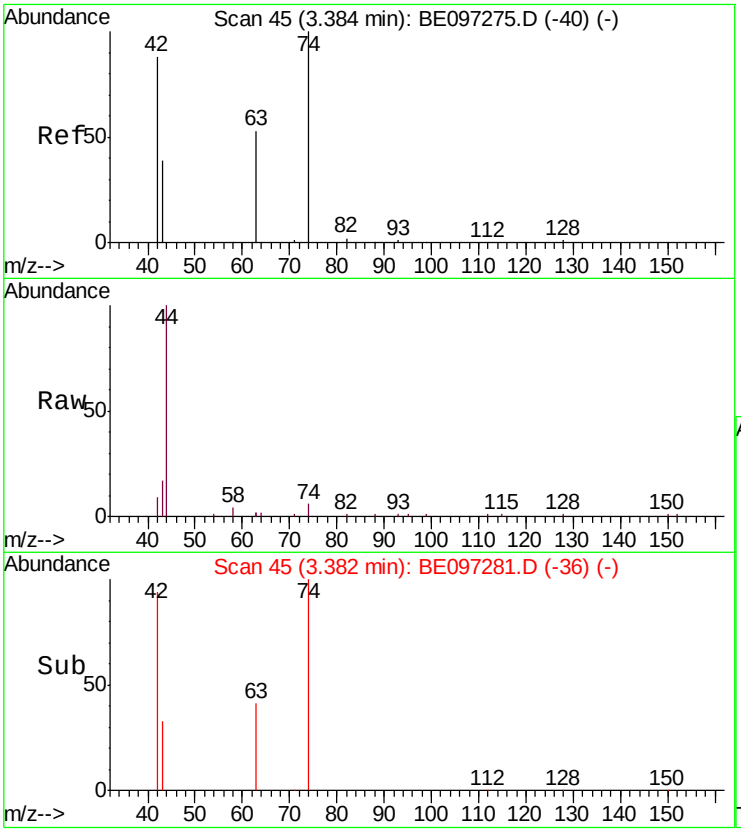


#2
1,4-Dioxane
Concen: 0.332 ng
RT: 3.11 min Scan# 21
Delta R.T. 0.01 min
Lab File: BE097281.D
Acq: 15 Aug 2018 16:29

Tgt Ion: 88 Resp: 355

Ion	Ratio	Lower	Upper
88	100		
58	82.0	63.2	94.8
43	50.4	41.2	61.8



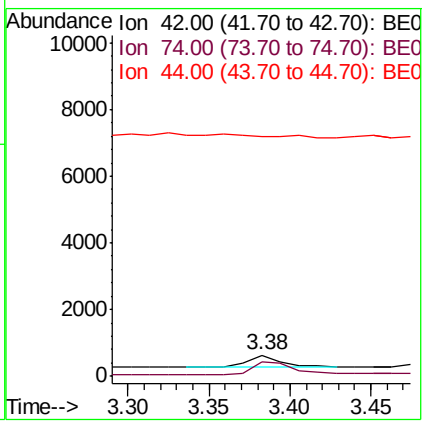


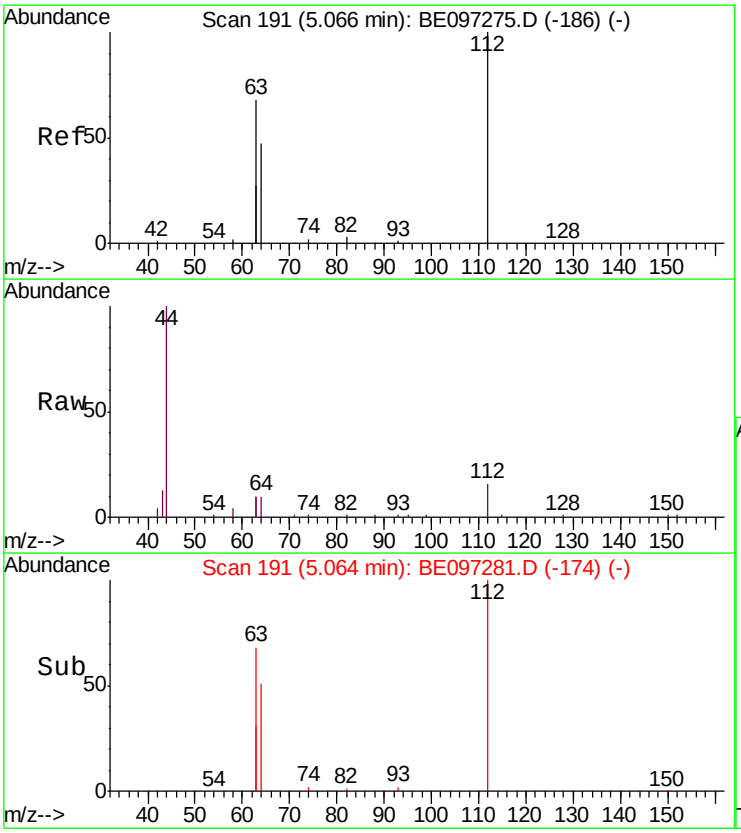
#3
n-Nitrosodimethylamine
Concen: 0.430 ng
RT: 3.38 min Scan# 45
Delta R.T. -0.00 min
Lab File: BE097281.D
Acq: 15 Aug 2018 16:29

Instrument :
BNA_E
ClientSampleId :
PB112028BSD

Tgt Ion: 42 Resp: 534

Ion	Ratio	Lower	Upper
42	100		
74	127.2	96.0	144.0
44	0.0	12.0	18.0#

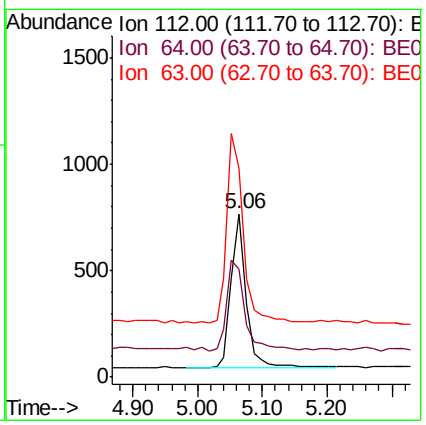


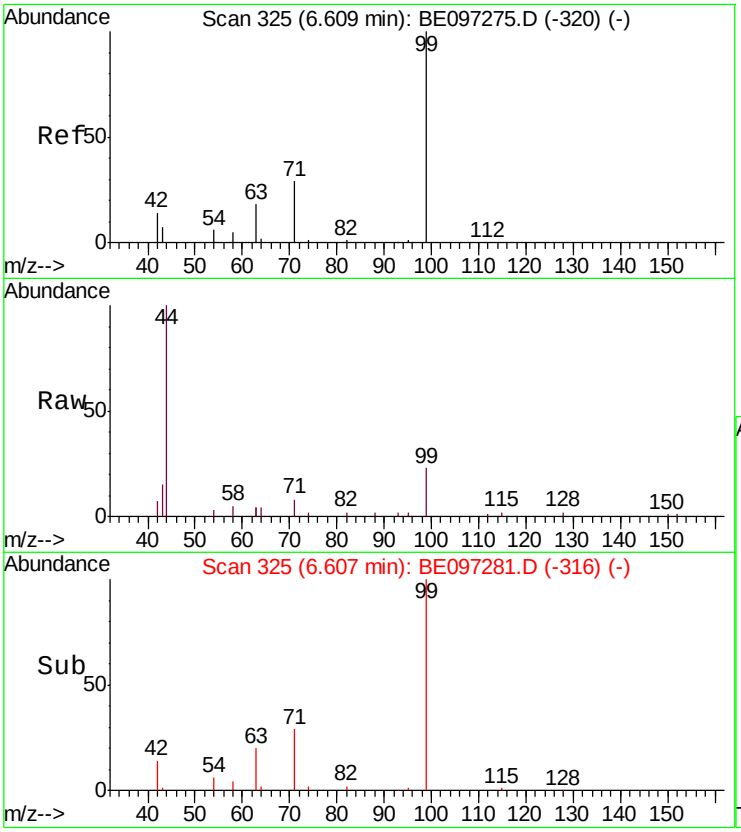


#4
2-Fluorophenol
Concen: 0.371 ng
RT: 5.06 min Scan# 191
Delta R.T. -0.00 min
Lab File: BE097281.D
Acq: 15 Aug 2018 16:29

Tgt Ion:112 Resp: 1162

Ion	Ratio	Lower	Upper
112	100		
64	69.9	60.1	90.1
63	131.0	116.8	175.2



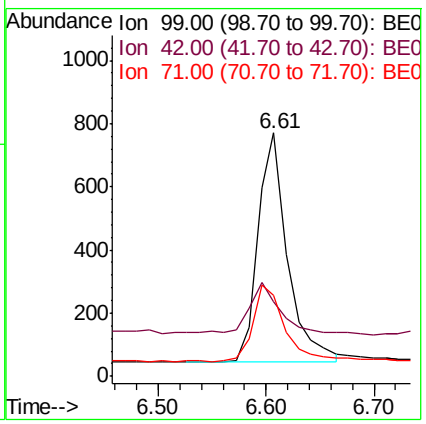


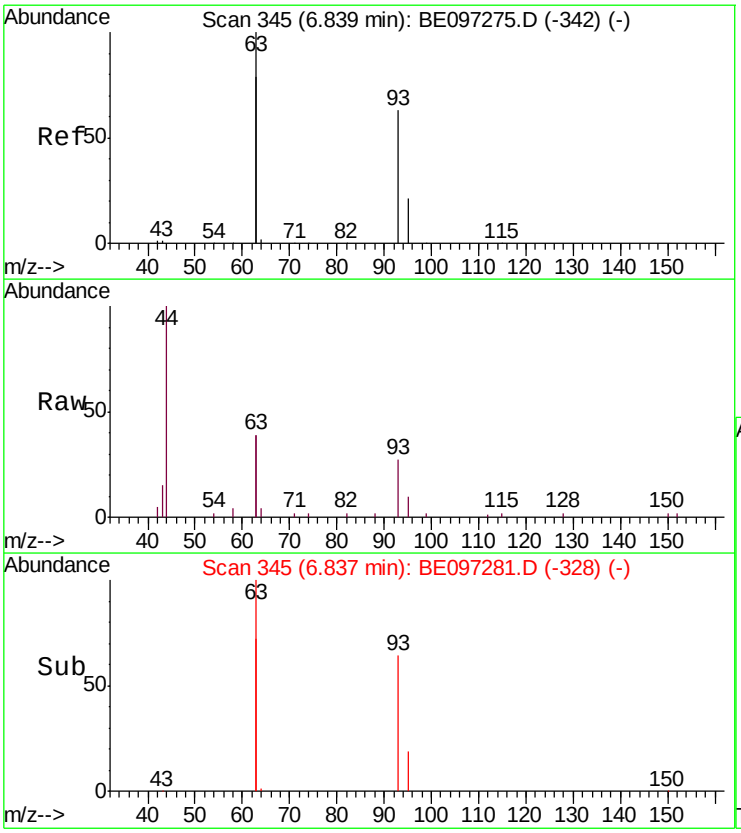
#5
Phenol-d6
Concen: 0.310 ng
RT: 6.61 min Scan# 325
Delta R.T. -0.00 min
Lab File: BE097281.D
Acq: 15 Aug 2018 16:29

Instrument :
BNA_E
ClientSampleId :
PB112028BSD

Tgt Ion: 99 Resp: 1388

Ion	Ratio	Lower	Upper
99	100		
42	20.7	20.2	30.2
71	34.7	28.4	42.6

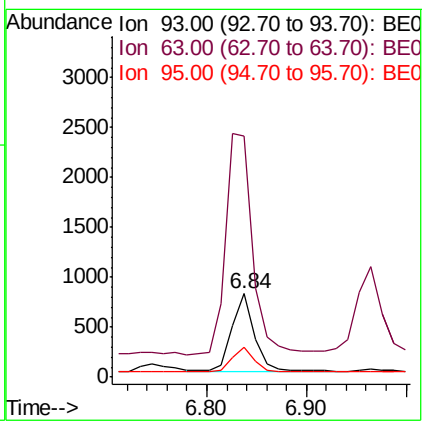


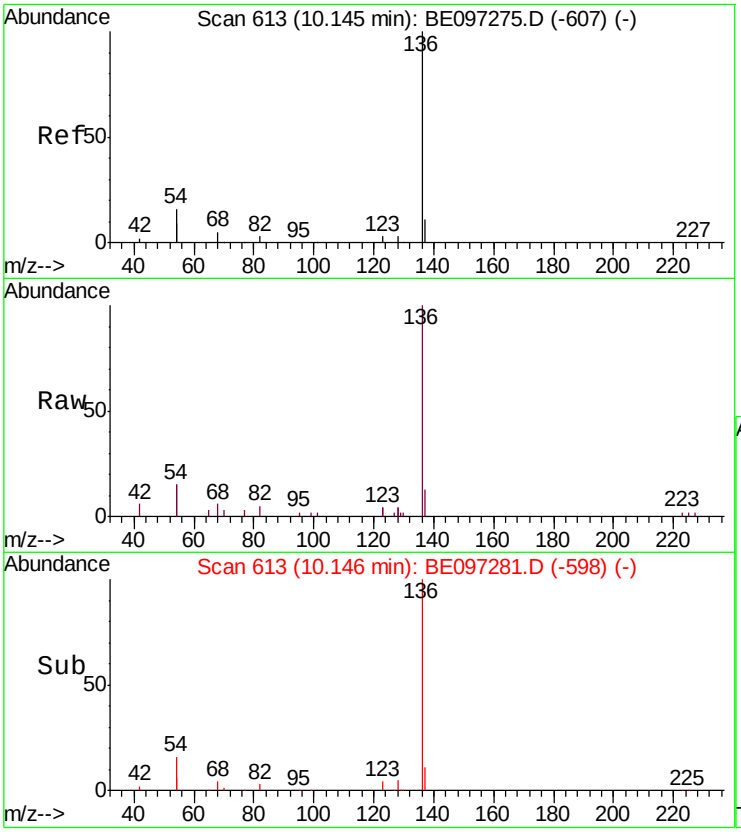


#6
bis(2-Chloroethyl)ether
Concen: 0.341 ng
RT: 6.84 min Scan# 345
Delta R.T. -0.00 min
Lab File: BE097281.D
Acq: 15 Aug 2018 16:29

Tgt Ion: 93 Resp: 1215

Ion	Ratio	Lower	Upper
93	100		
63	339.1	275.3	412.9
95	33.4	25.2	37.8



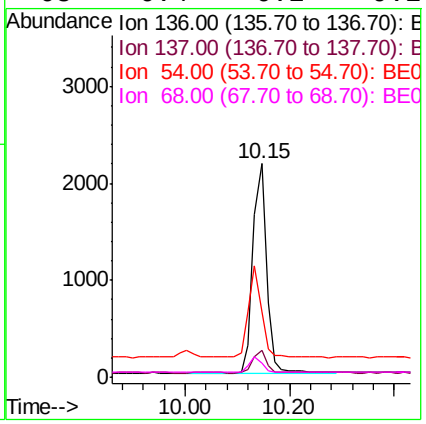


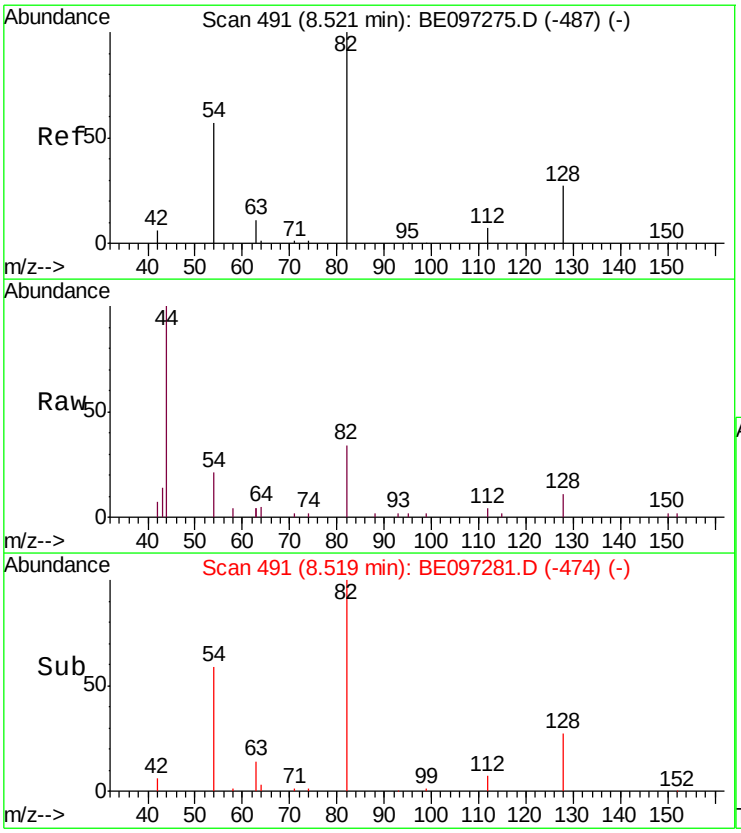
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.15 min Scan# 613
Delta R.T. 0.00 min
Lab File: BE097281.D
Acq: 15 Aug 2018 16:29

Instrument :
BNA_E
ClientSampleId :
PB112028BSD

Tgt Ion:136 Resp: 3967

Ion	Ratio	Lower	Upper
136	100		
137	12.8	9.5	14.3
54	30.4	29.1	43.7
68	6.4	6.2	9.2

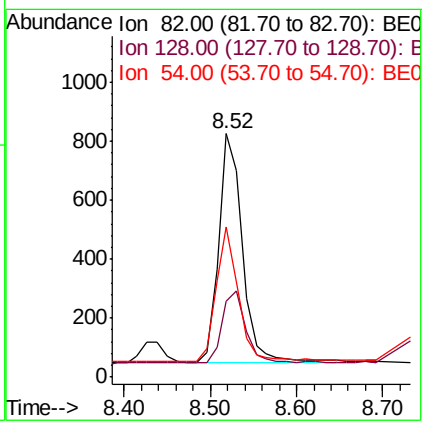


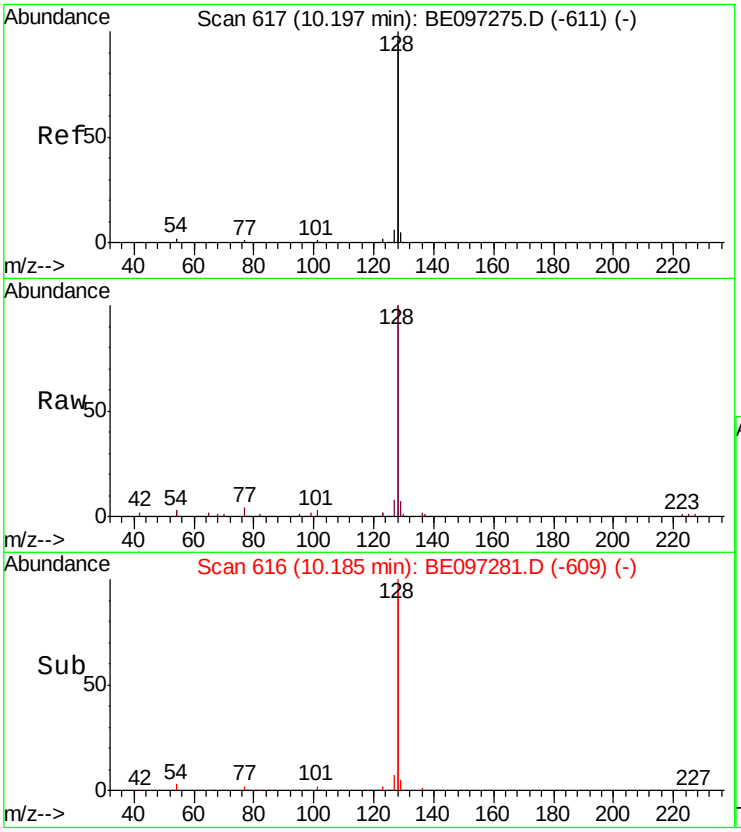


#8
Nitrobenzene-d5
Concen: 0.411 ng
RT: 8.52 min Scan# 491
Delta R.T. -0.00 min
Lab File: BE097281.D
Acq: 15 Aug 2018 16:29

Tgt Ion: 82 Resp: 1493

Ion	Ratio	Lower	Upper
82	100		
128	31.0	24.0	36.0
54	61.6	40.0	60.0#



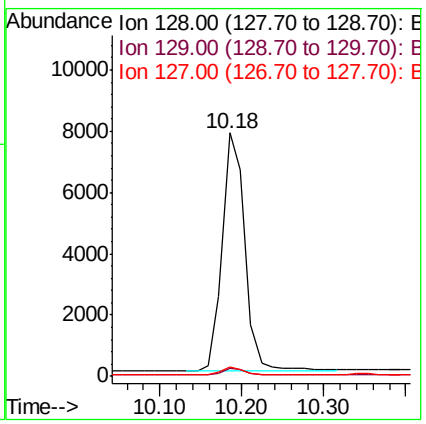


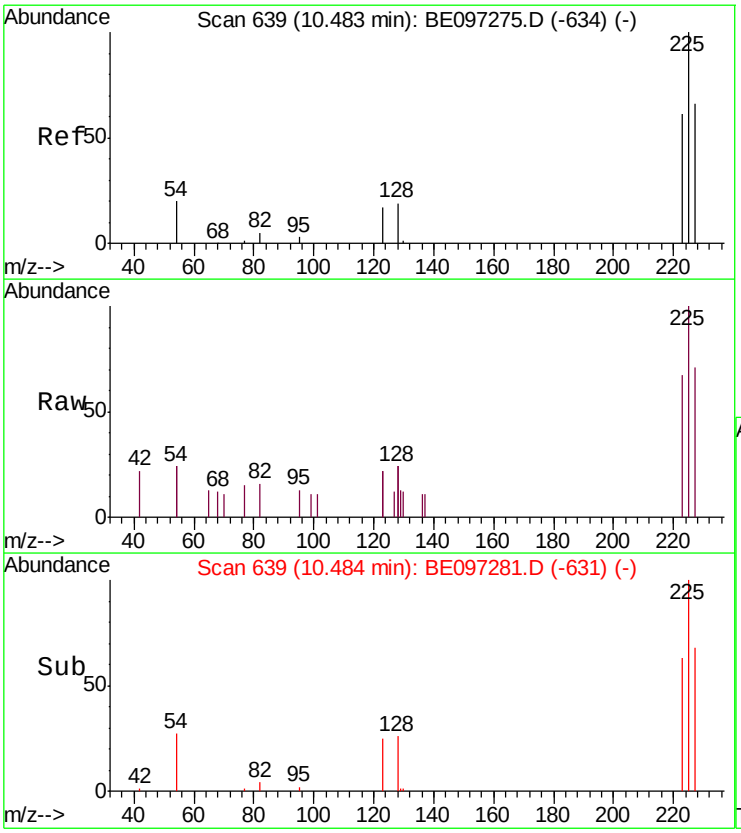
#9
Naphthalene
Concen: 0.399 ng
RT: 10.18 min Scan# 616
Delta R.T. -0.01 min
Lab File: BE097281.D
Acq: 15 Aug 2018 16:29

Instrument :
BNA_E
ClientSampleId :
PB112028BSD

Tgt Ion:128 Resp: 14789

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

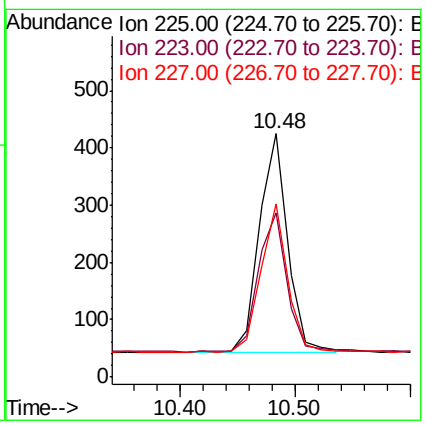


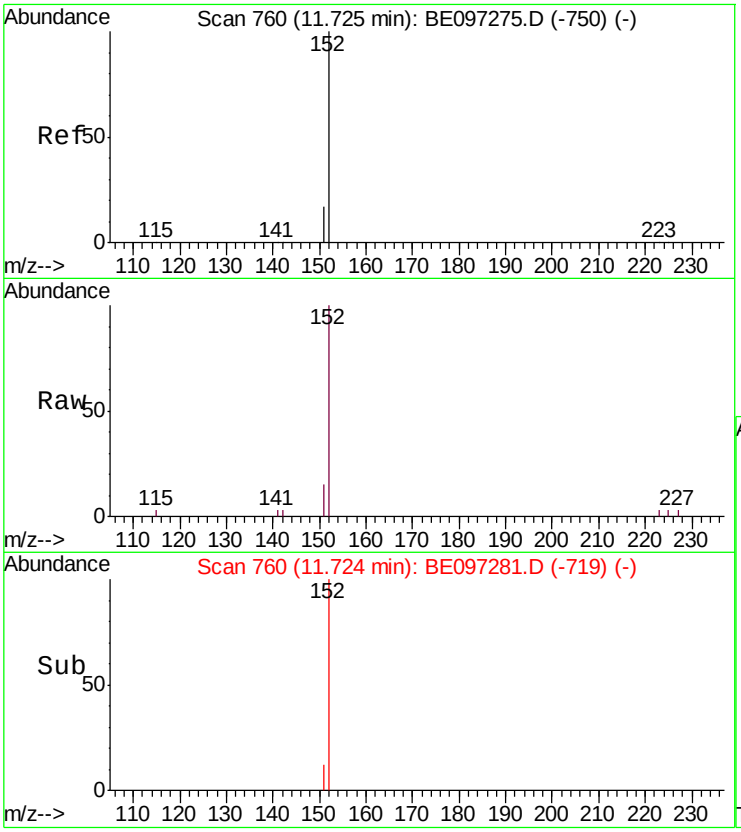


#10
Hexachlorobutadiene
Concen: 0.391 ng
RT: 10.48 min Scan# 639
Delta R.T. 0.00 min
Lab File: BE097281.D
Acq: 15 Aug 2018 16:29

Tgt Ion:225 Resp: 655

Ion	Ratio	Lower	Upper
225	100		
223	64.9	53.0	79.6
227	63.8	51.4	77.2



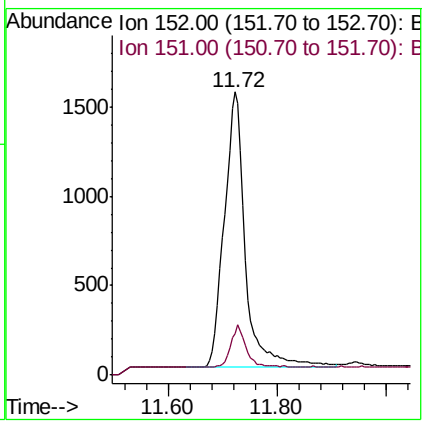


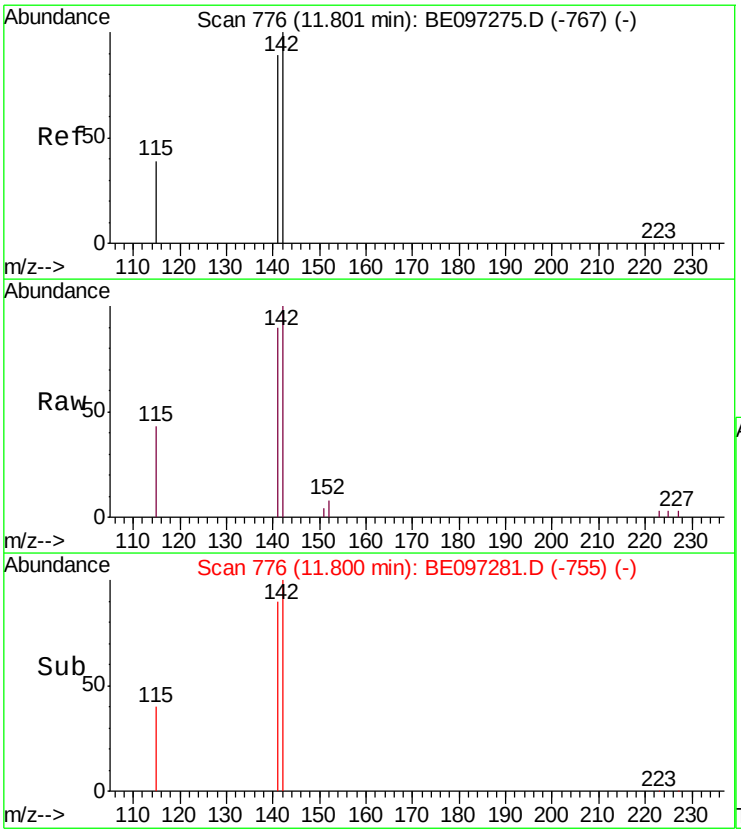
#11
2-Methylnaphthalene-d10
Concen: 0.716 ng
RT: 11.72 min Scan# 760
Delta R.T. -0.00 min
Lab File: BE097281.D
Acq: 15 Aug 2018 16:29

Instrument :
BNA_E
ClientSampleId :
PB112028BSD

Tgt Ion:152 Resp: 4127

Ion	Ratio	Lower	Upper
152	100		
151	10.9	15.4	23.0#

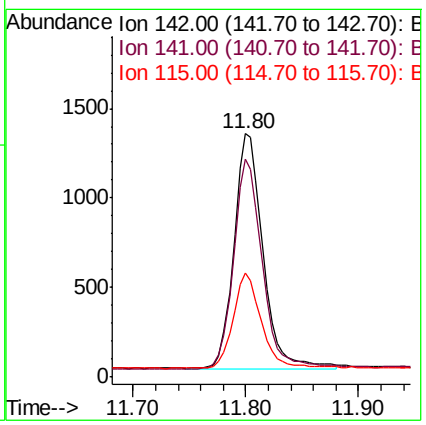


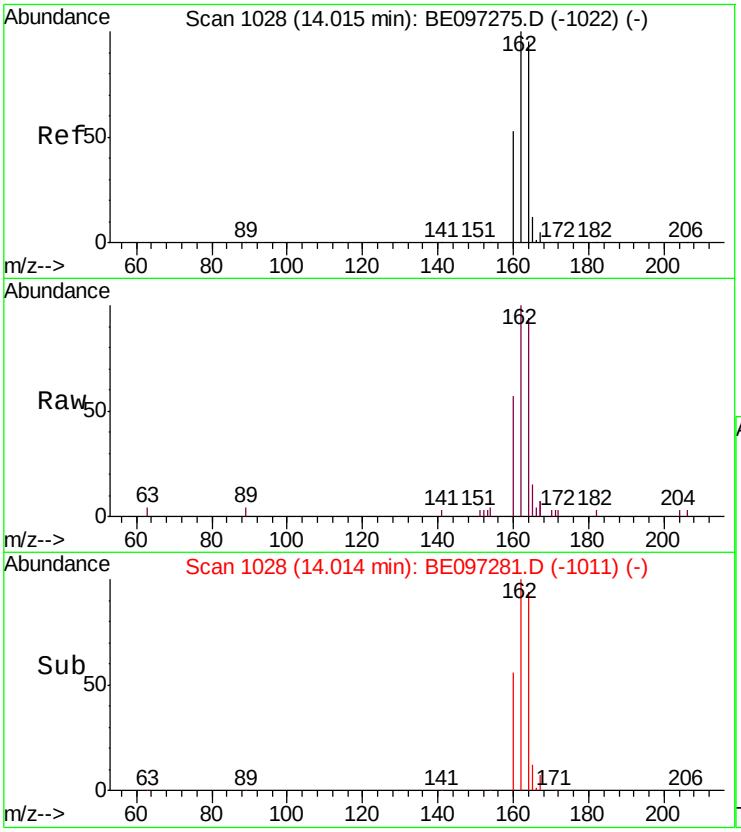


#12
2-Methylnaphthalene
Concen: 0.384 ng
RT: 11.80 min Scan# 776
Delta R.T. -0.00 min
Lab File: BE097281.D
Acq: 15 Aug 2018 16:29

Tgt Ion:142 Resp: 2333

Ion	Ratio	Lower	Upper
142	100		
141	89.6	70.4	105.6
115	42.5	31.7	47.5



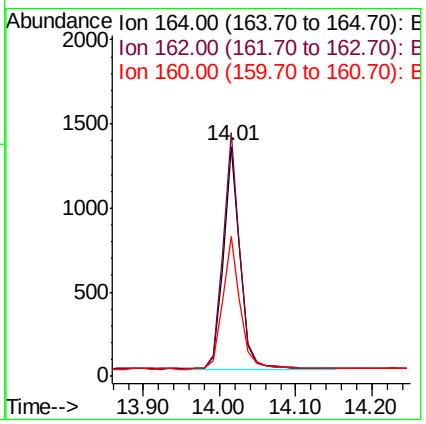


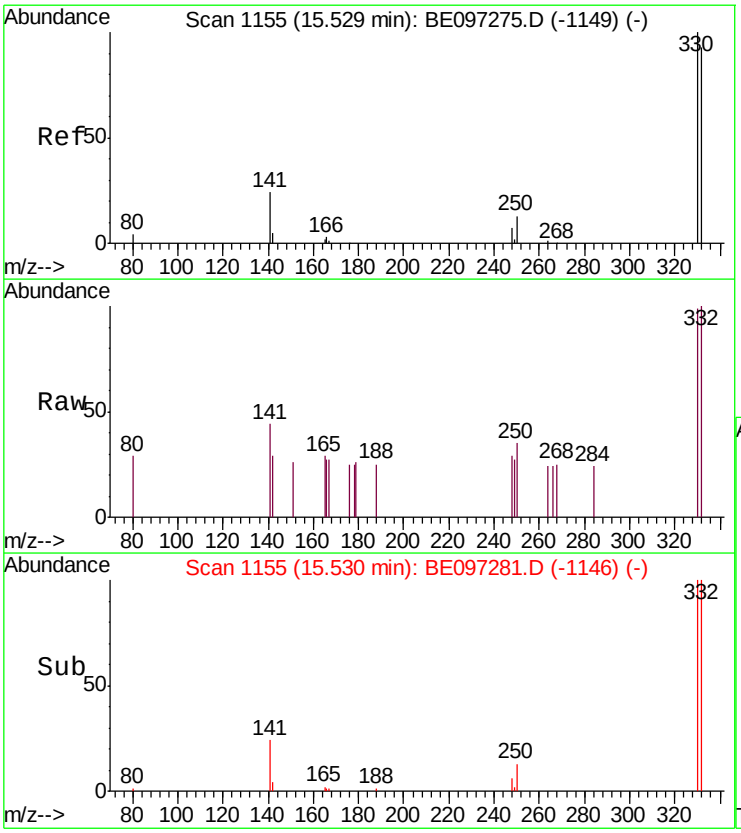
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.01 min Scan# 1028
Delta R.T. -0.00 min
Lab File: BE097281.D
Acq: 15 Aug 2018 16:29

Instrument :
BNA_E
ClientSampleId :
PB112028BSD

Tgt Ion:164 Resp: 2064

Ion	Ratio	Lower	Upper
164	100		
162	105.9	83.1	124.7
160	60.9	37.1	55.7#

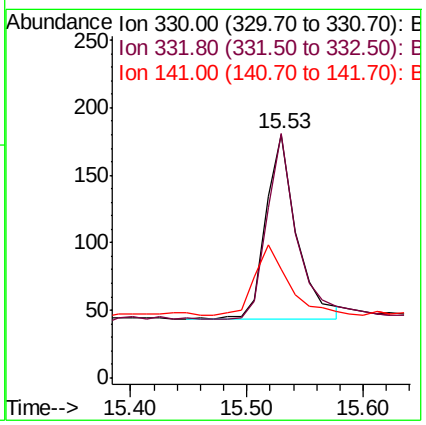


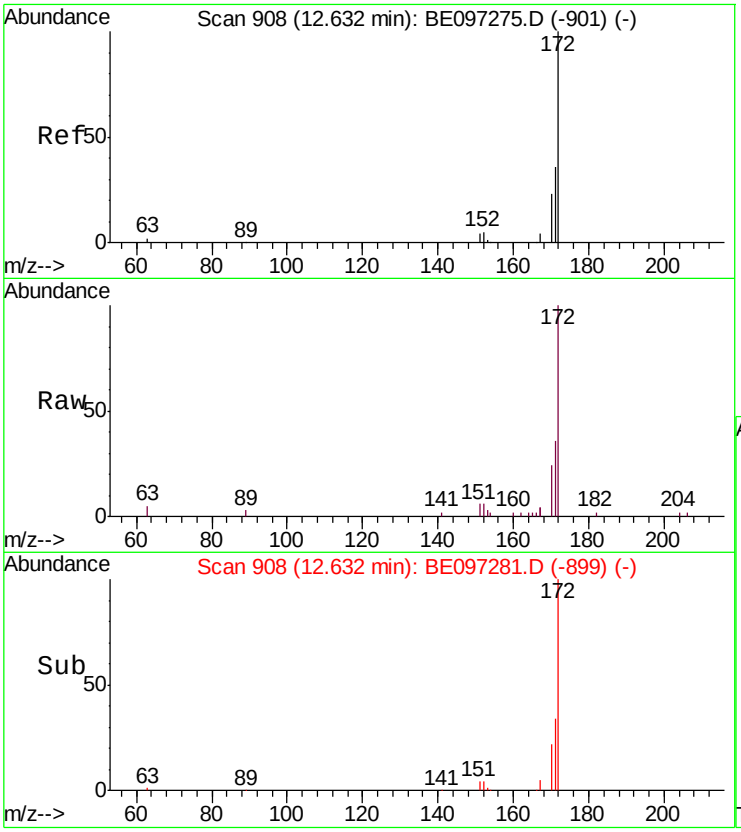


#14
2,4,6-Tribromophenol
Concen: 0.408 ng
RT: 15.53 min Scan# 1155
Delta R.T. 0.00 min
Lab File: BE097281.D
Acq: 15 Aug 2018 16:29

Tgt Ion:330 Resp: 254

Ion	Ratio	Lower	Upper
330	100		
332	96.9	152.7	229.1#
141	41.7	33.7	50.5



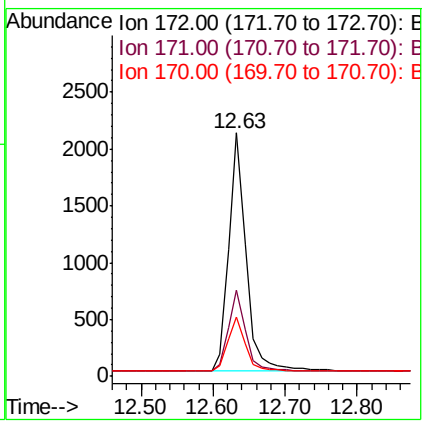


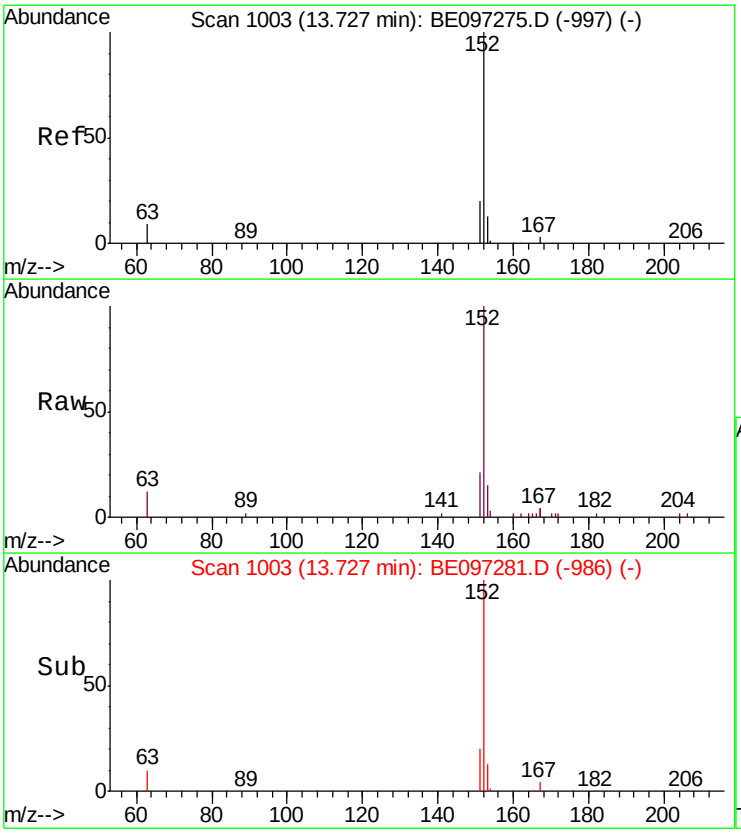
#15
2-Fluorobiphenyl
Concen: 0.453 ng
RT: 12.63 min Scan# 908
Delta R.T. -0.00 min
Lab File: BE097281.D
Acq: 15 Aug 2018 16:29

Instrument :
BNA_E
ClientSampleId :
PB112028BSD

Tgt Ion:172 Resp: 3514

Ion	Ratio	Lower	Upper
172	100		
171	35.6	29.9	44.9
170	24.1	21.8	32.8

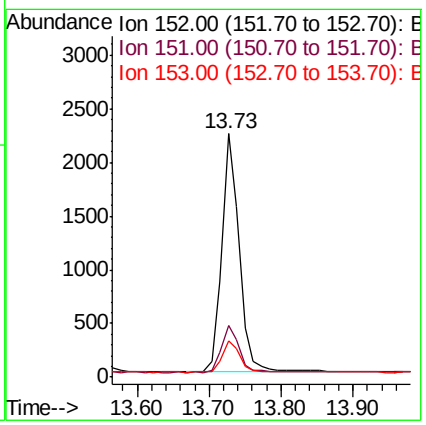


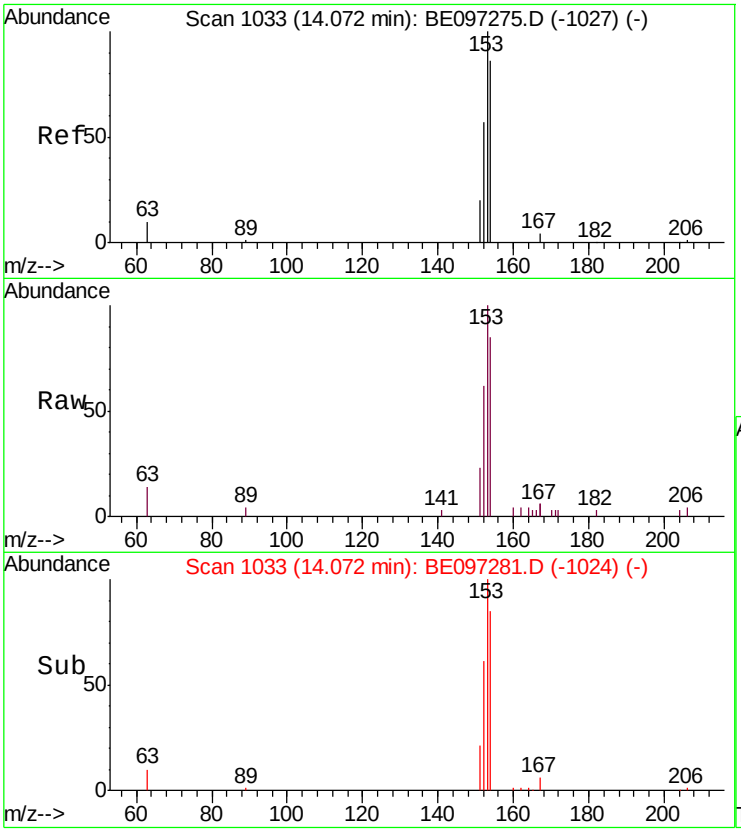


#16
Acenaphthylene
Concen: 0.393 ng
RT: 13.73 min Scan# 1003
Delta R.T. -0.00 min
Lab File: BE097281.D
Acq: 15 Aug 2018 16:29

Tgt Ion:152 Resp: 3749

Ion	Ratio	Lower	Upper
152	100		
151	19.8	15.7	23.5
153	13.2	10.5	15.7



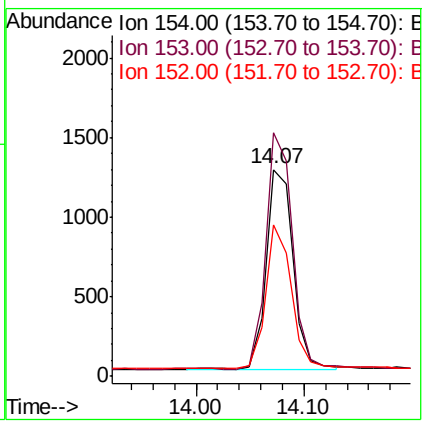


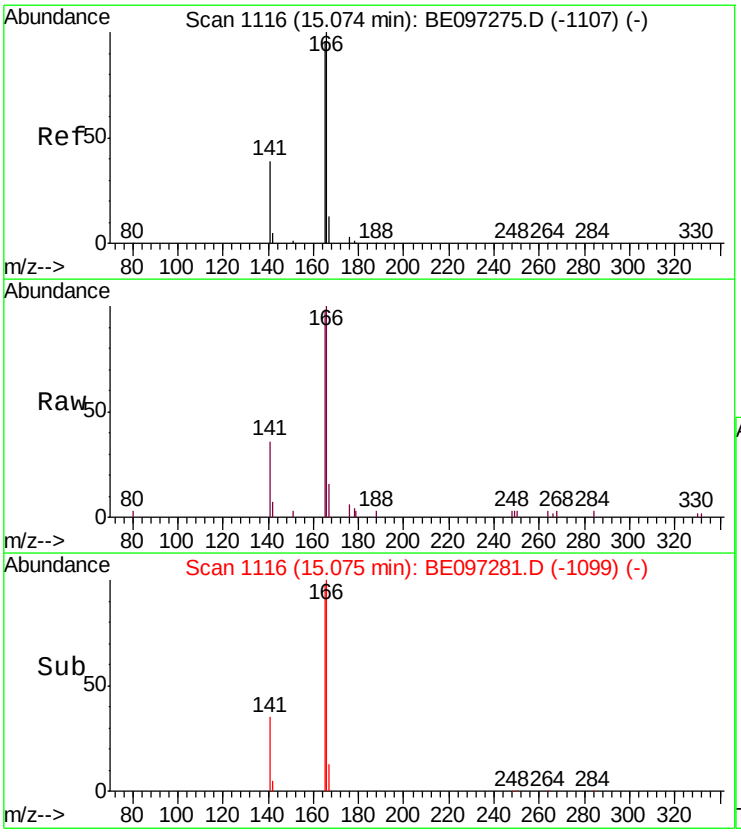
#17
Acenaphthene
Concen: 0.398 ng
RT: 14.07 min Scan# 1033
Delta R.T. -0.00 min
Lab File: BE097281.D
Acq: 15 Aug 2018 16:29

Instrument :
BNA_E
ClientSampleId :
PB112028BSD

Tgt Ion:154 Resp: 2182

Ion	Ratio	Lower	Upper
154	100		
153	115.7	89.2	133.8
152	68.2	42.0	63.0#

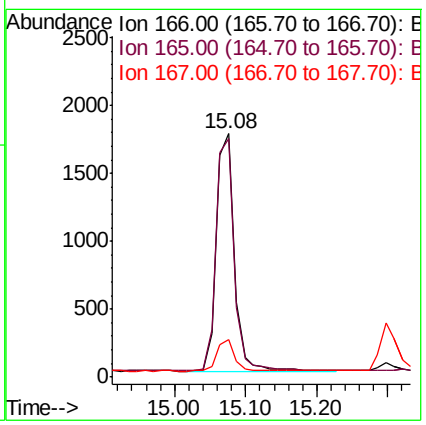


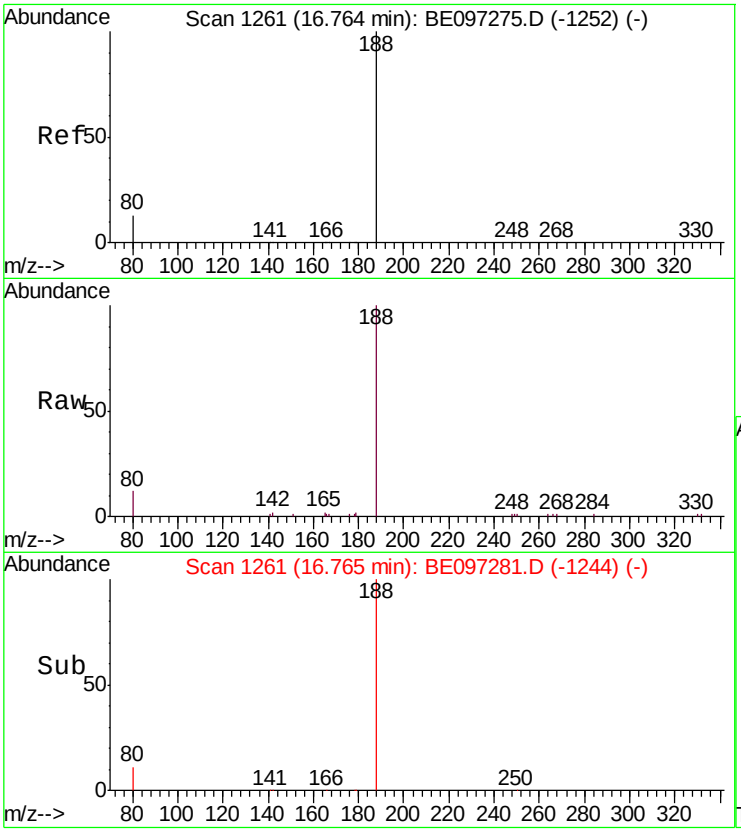


#18
Fluorene
Concen: 0.451 ng
RT: 15.08 min Scan# 1116
Delta R.T. 0.00 min
Lab File: BE097281.D
Acq: 15 Aug 2018 16:29

Tgt Ion:166 Resp: 3068

Ion	Ratio	Lower	Upper
166	100		
165	98.7	77.8	116.6
167	13.1	42.4	63.6#



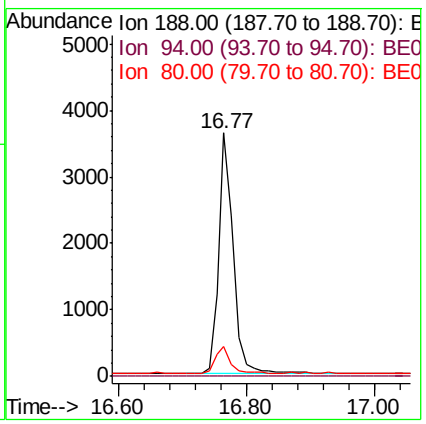


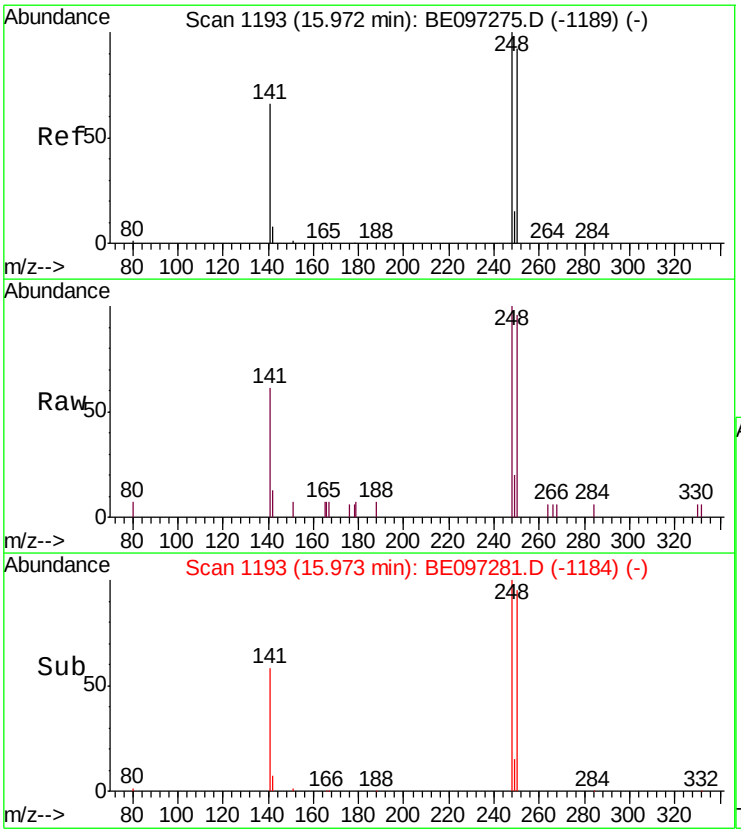
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.77 min Scan# 1261
Delta R.T. 0.00 min
Lab File: BE097281.D
Acq: 15 Aug 2018 16:29

Instrument :
BNA_E
ClientSampleId :
PB112028BSD

Tgt Ion:188 Resp: 5732

Ion	Ratio	Lower	Upper
188	100		
94	0.0	3.9	5.9#
80	12.4	3.6	5.4#

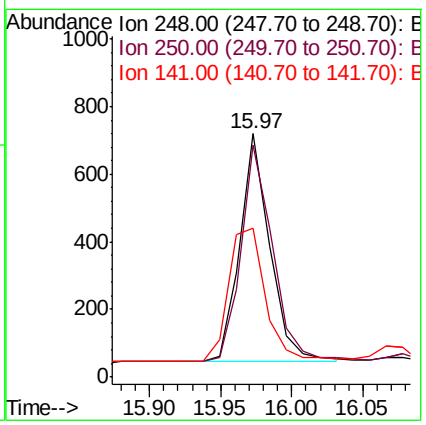


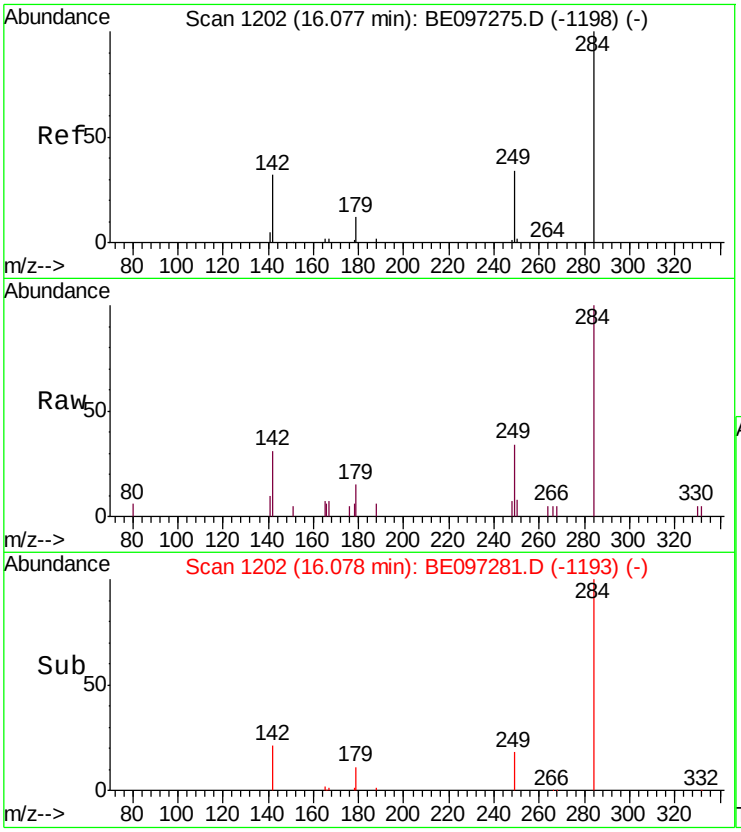


#20
4-Bromophenyl-phenylether
Concen: 0.332 ng
RT: 15.97 min Scan# 1193
Delta R.T. 0.00 min
Lab File: BE097281.D
Acq: 15 Aug 2018 16:29

Tgt Ion:248 Resp: 993

Ion	Ratio	Lower	Upper
248	100		
250	95.6	62.7	94.1#
141	61.0	48.2	72.2



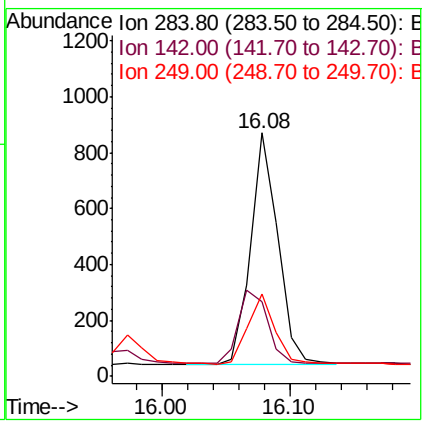


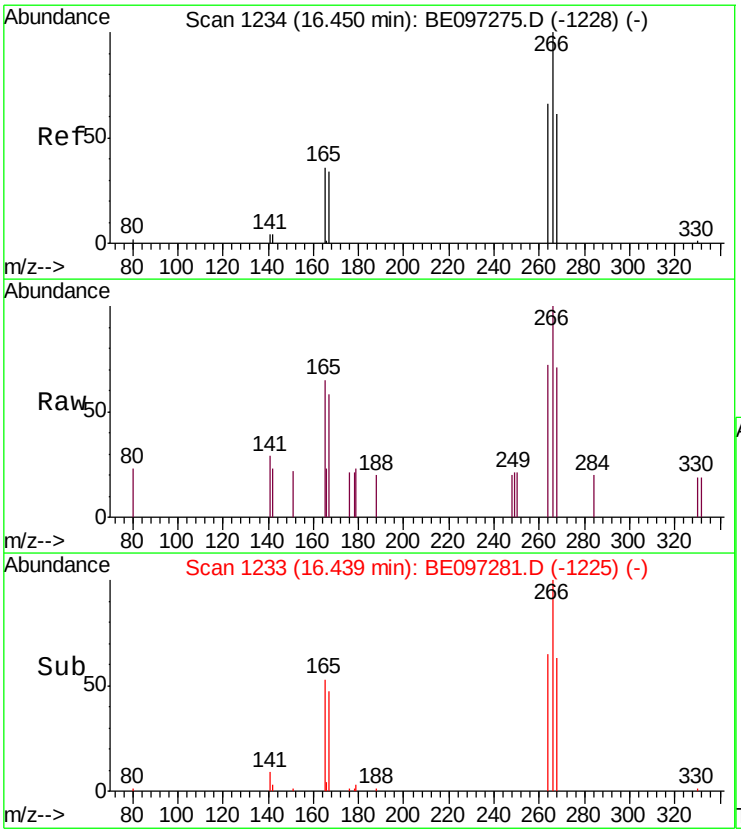
#21
Hexachlorobenzene
Concen: 0.362 ng
RT: 16.08 min Scan# 1202
Delta R.T. 0.00 min
Lab File: BE097281.D
Acq: 15 Aug 2018 16:29

Instrument :
BNA_E
ClientSampleId :
PB112028BSD

Tgt Ion:284 Resp: 1229

Ion	Ratio	Lower	Upper
284	100		
142	33.8	22.1	33.1#
249	29.9	34.8	52.2#

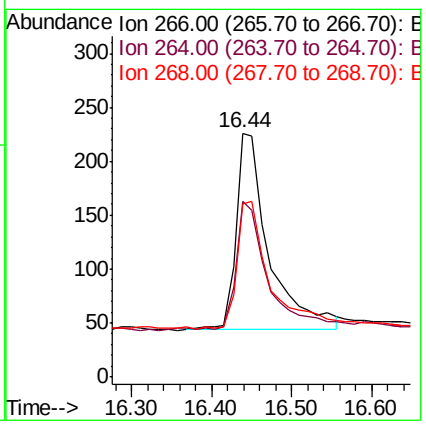


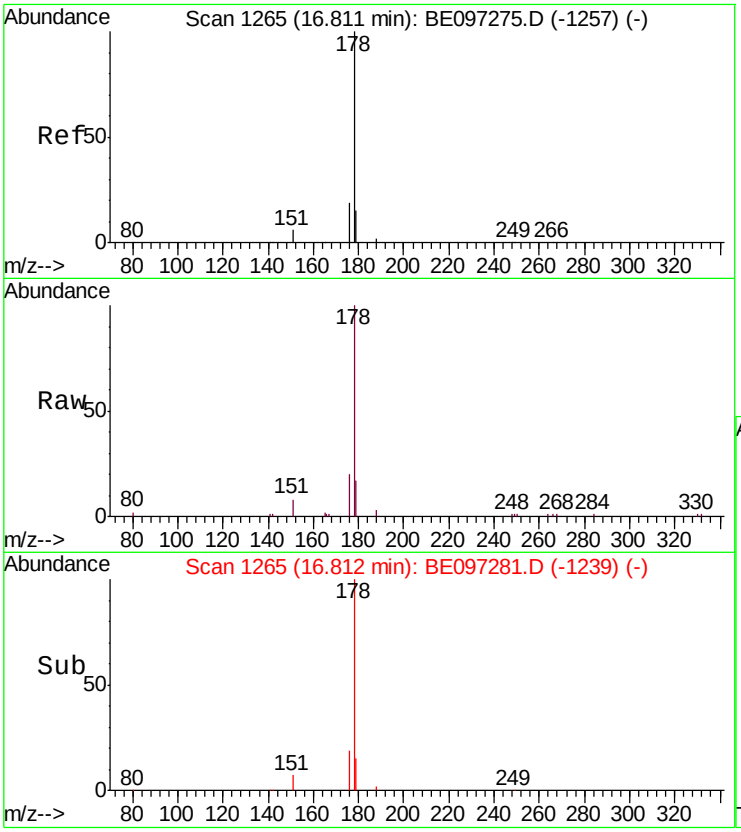


#22
Pentachlorophenol
Concen: 0.764 ng
RT: 16.44 min Scan# 1233
Delta R.T. -0.01 min
Lab File: BE097281.D
Acq: 15 Aug 2018 16:29

Tgt Ion:266 Resp: 516

Ion	Ratio	Lower	Upper
266	100		
264	72.1	72.5	108.7#
268	70.8	73.8	110.6#



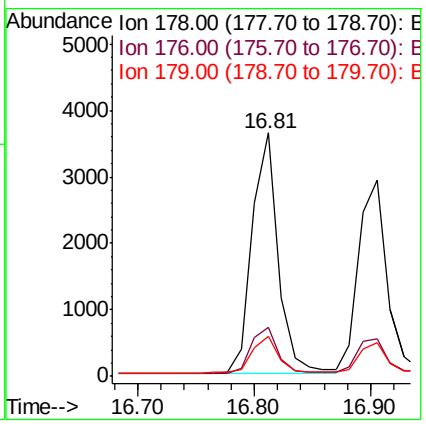


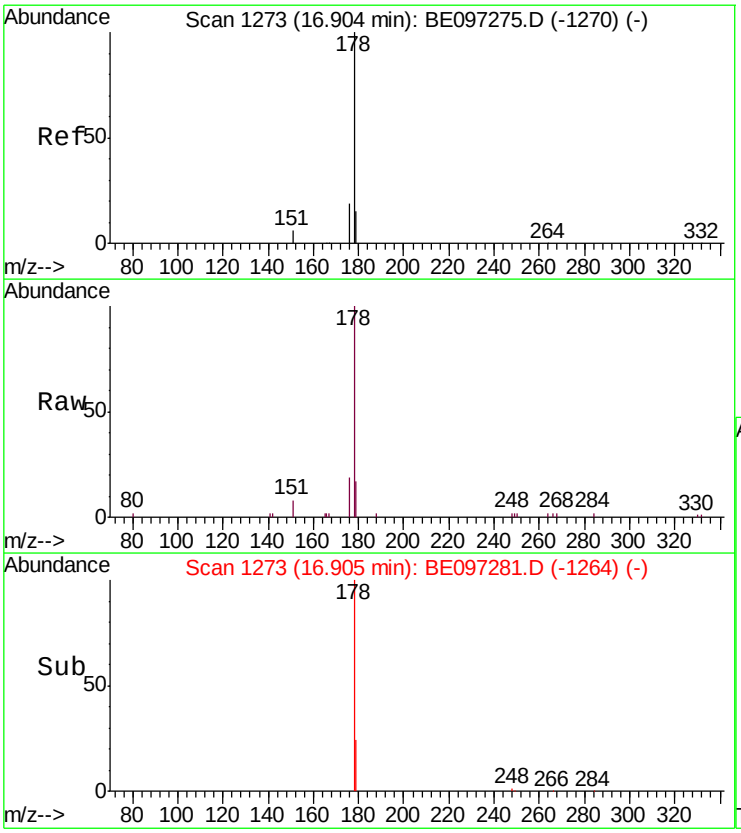
#23
Phenanthrene
Concen: 0.409 ng
RT: 16.81 min Scan# 1265
Delta R.T. 0.00 min
Lab File: BE097281.D
Acq: 15 Aug 2018 16:29

Instrument :
BNA_E
ClientSampleId :
PB112028BSD

Tgt Ion:178 Resp: 5664

Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.1	22.7
179	15.2	11.8	17.6

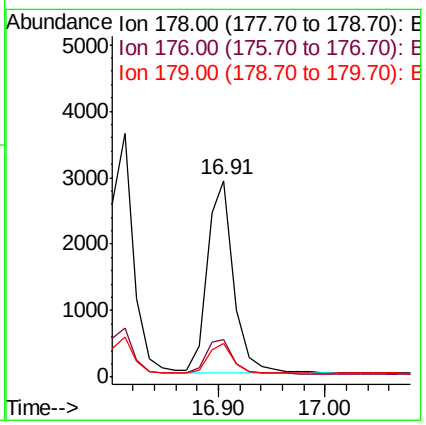


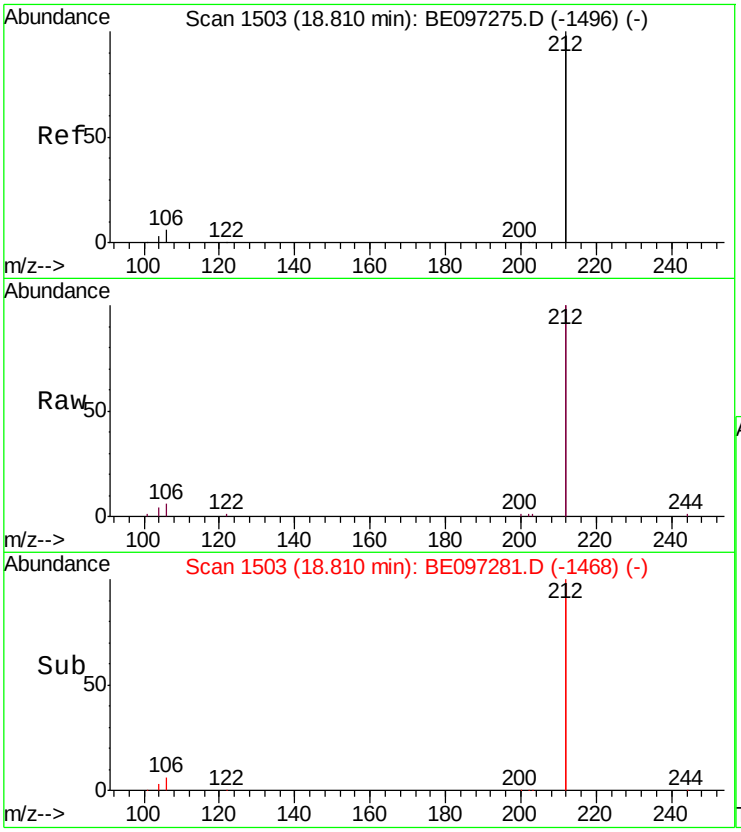


#24
Anthracene
Concen: 0.399 ng
RT: 16.91 min Scan# 1273
Delta R.T. 0.00 min
Lab File: BE097281.D
Acq: 15 Aug 2018 16:29

Tgt Ion:178 Resp: 4945

Ion	Ratio	Lower	Upper
178	100		
176	18.8	12.8	19.2
179	15.8	13.0	19.6



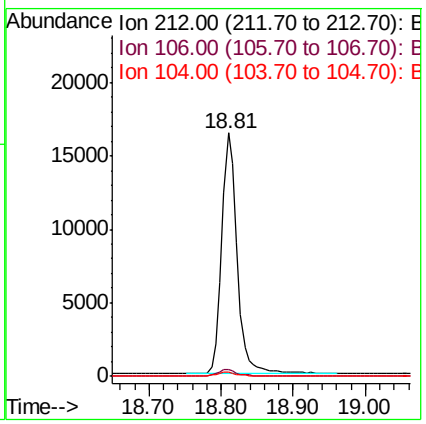


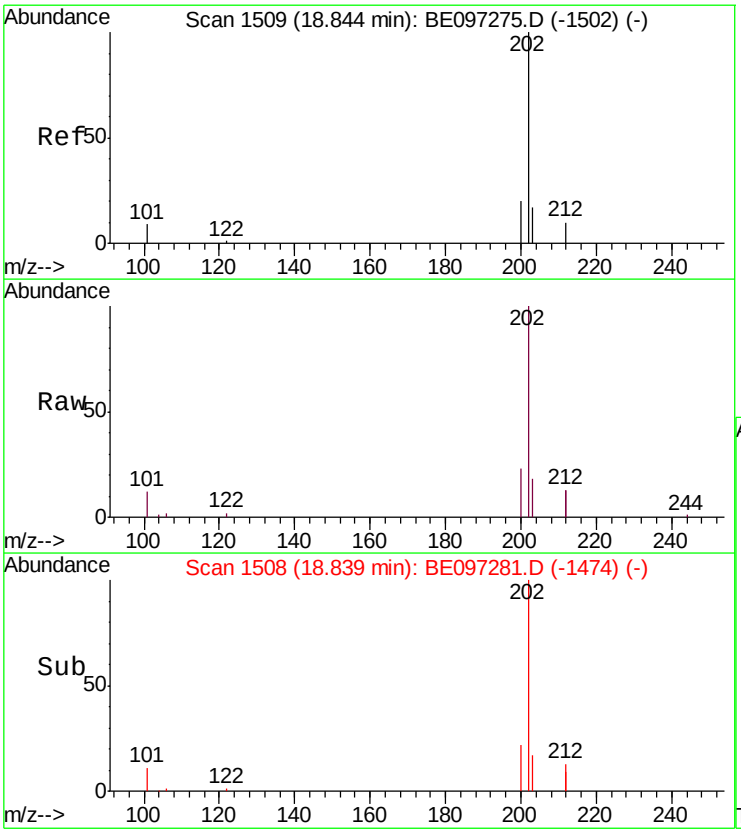
#25
Fluoranthene-d10
Concen: 0.426 ng
RT: 18.81 min Scan# 1503
Delta R.T. 0.00 min
Lab File: BE097281.D
Acq: 15 Aug 2018 16:29

Instrument :
BNA_E
ClientSampleId :
PB112028BSD

Tgt Ion:212 Resp: 24412

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

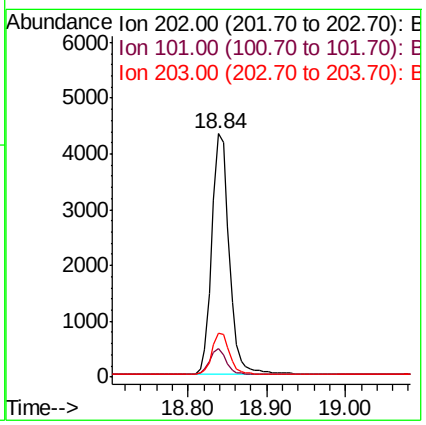


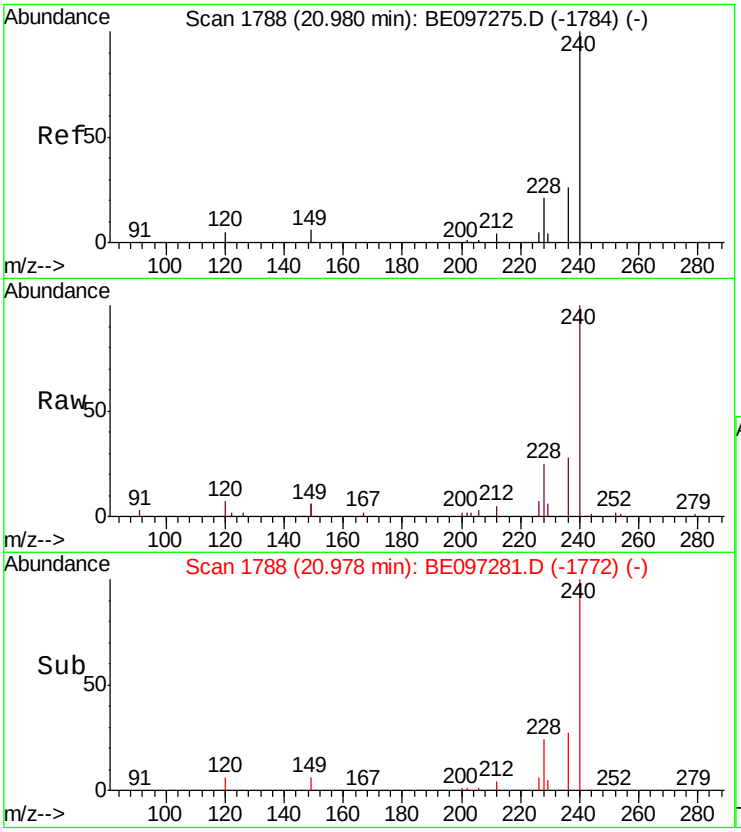


#26
Fluoranthene
Concen: 0.428 ng
RT: 18.84 min Scan# 1508
Delta R.T. -0.01 min
Lab File: BE097281.D
Acq: 15 Aug 2018 16:29

Tgt Ion:202 Resp: 6557

Ion	Ratio	Lower	Upper
202	100		
101	10.6	9.8	14.8
203	17.0	13.7	20.5



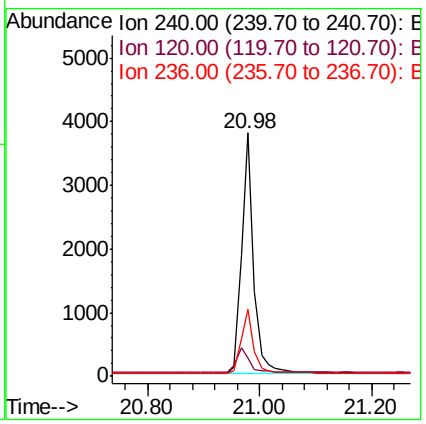


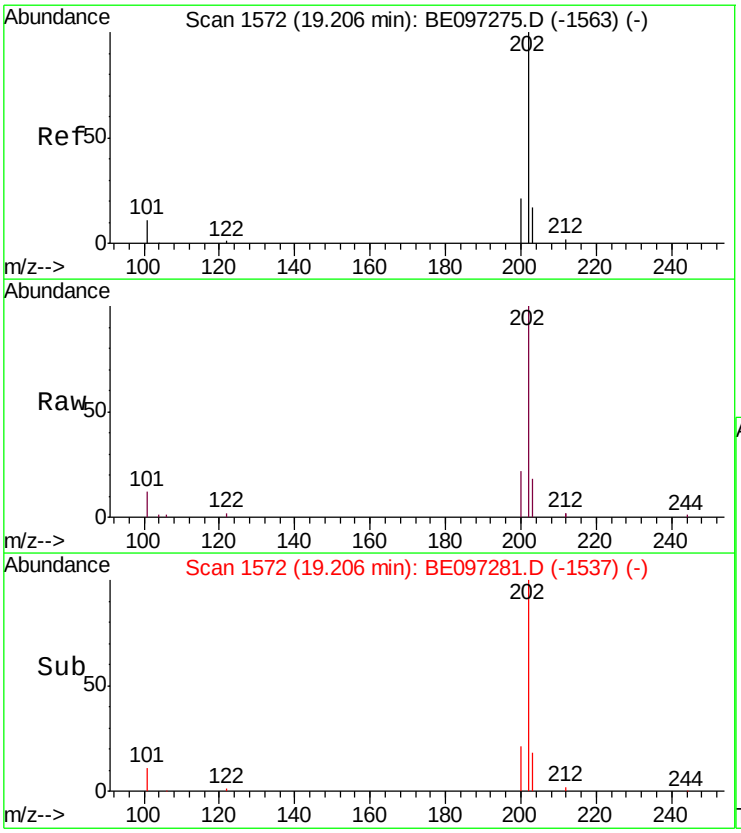
#27
Chrysene-d12
Concen: 0.400 ng
RT: 20.98 min Scan# 1788
Delta R.T. -0.00 min
Lab File: BE097281.D
Acq: 15 Aug 2018 16:29

Instrument :
BNA_E
ClientSampleId :
PB112028BSD

Tgt Ion:240 Resp: 5614

Ion	Ratio	Lower	Upper
240	100		
120	7.3	5.5	8.3
236	27.7	20.7	31.1

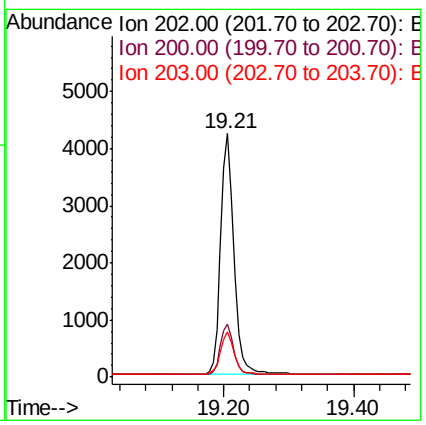


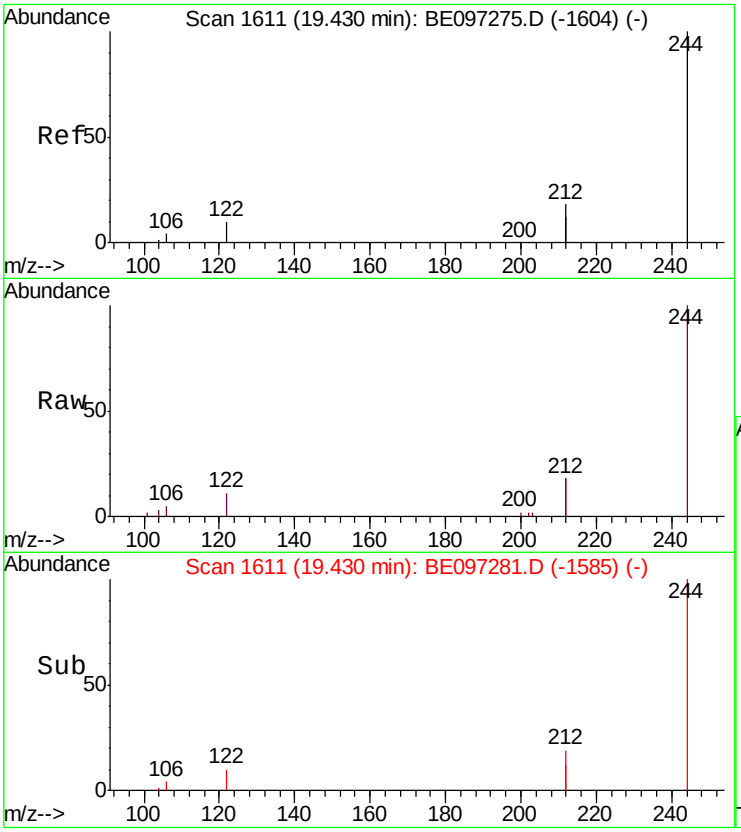


#28
Pyrene
Concen: 0.400 ng
RT: 19.21 min Scan# 1572
Delta R.T. 0.00 min
Lab File: BE097281.D
Acq: 15 Aug 2018 16:29

Tgt Ion:202 Resp: 6054

Ion	Ratio	Lower	Upper
202	100		
200	20.9	16.6	25.0
203	18.0	13.8	20.8



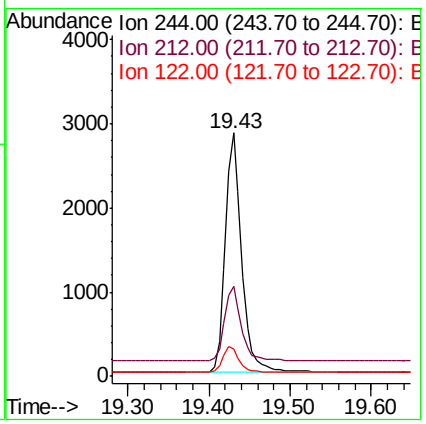


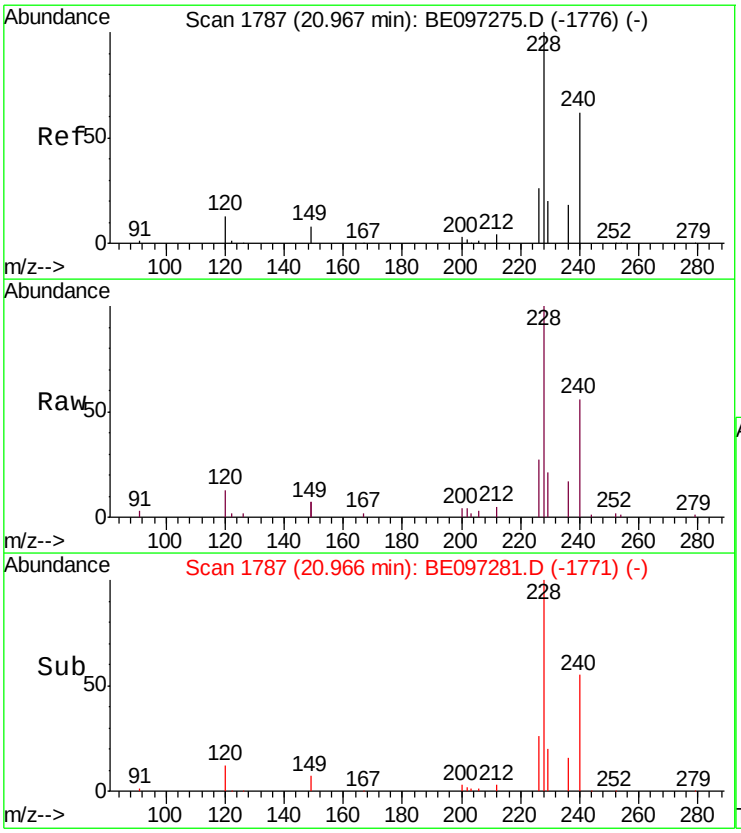
#29
Terphenyl-d14
Concen: 0.379 ng
RT: 19.43 min Scan# 1611
Delta R.T. 0.00 min
Lab File: BE097281.D
Acq: 15 Aug 2018 16:29

Instrument :
BNA_E
ClientSampleId :
PB112028BSD

Tgt Ion:244 Resp: 3998

Ion	Ratio	Lower	Upper
244	100		
212	36.9	25.4	38.0
122	11.4	8.1	12.1

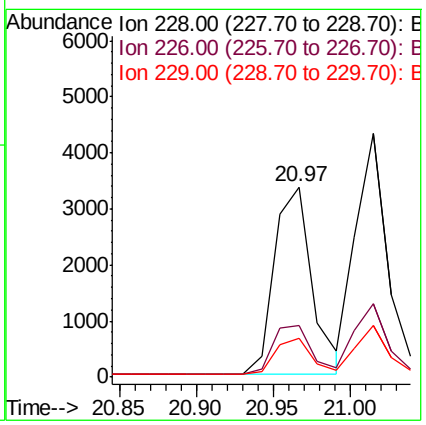


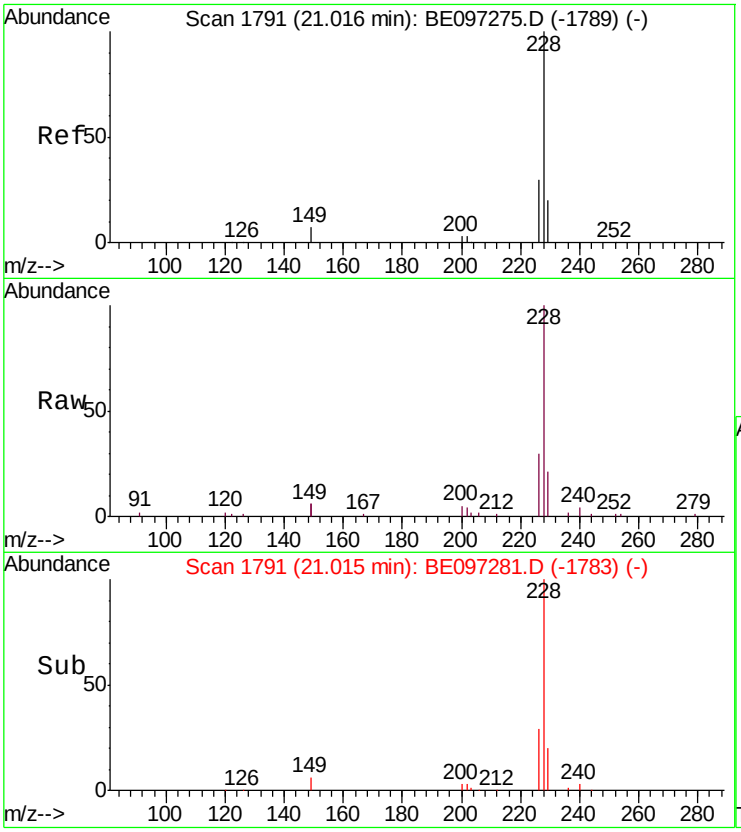


#30
Benzo(a)anthracene
Concen: 0.404 ng
RT: 20.97 min Scan# 1787
Delta R.T. -0.00 min
Lab File: BE097281.D
Acq: 15 Aug 2018 16:29

Tgt Ion:228 Resp: 5710

Ion	Ratio	Lower	Upper
228	100		
226	27.3	24.0	36.0
229	20.6	16.0	24.0



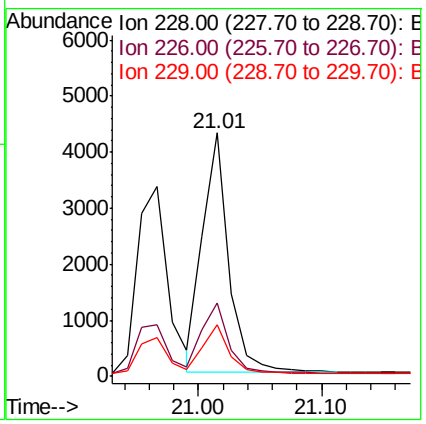


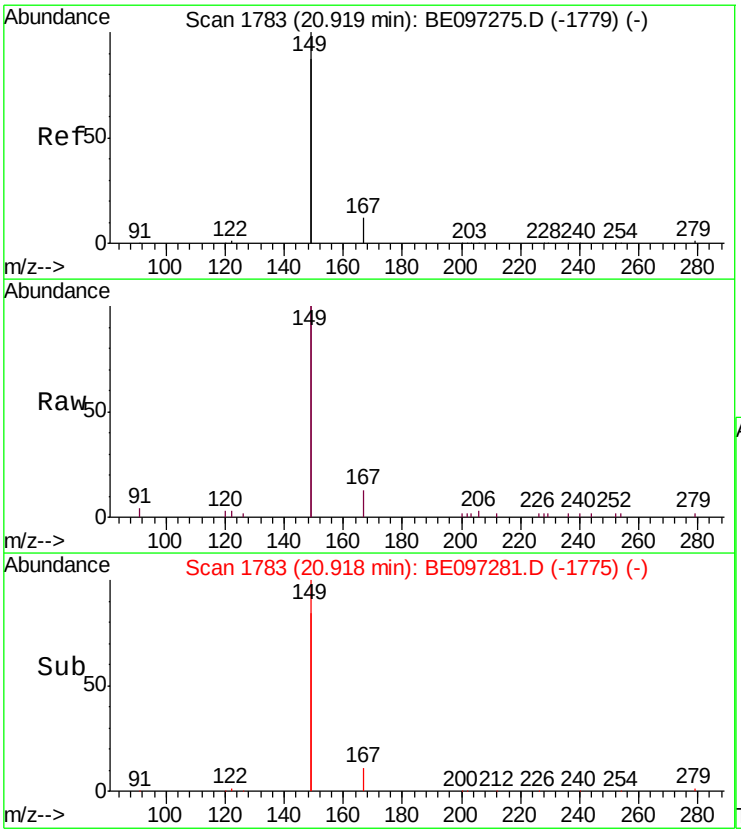
#31
Chrysene
Concen: 0.430 ng
RT: 21.01 min Scan# 1791
Delta R.T. -0.00 min
Lab File: BE097281.D
Acq: 15 Aug 2018 16:29

Instrument :
BNA_E
ClientSampleId :
PB112028BSD

Tgt Ion:228 Resp: 6215

Ion	Ratio	Lower	Upper
228	100		
226	30.2	24.0	36.0
229	21.0	16.0	24.0

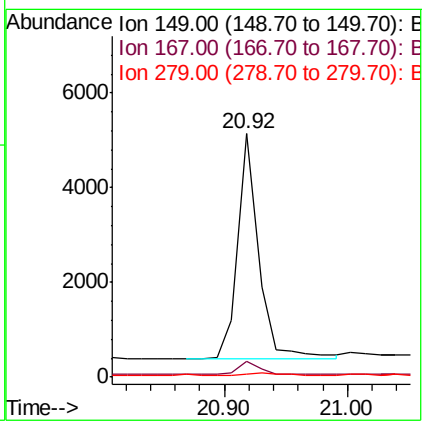


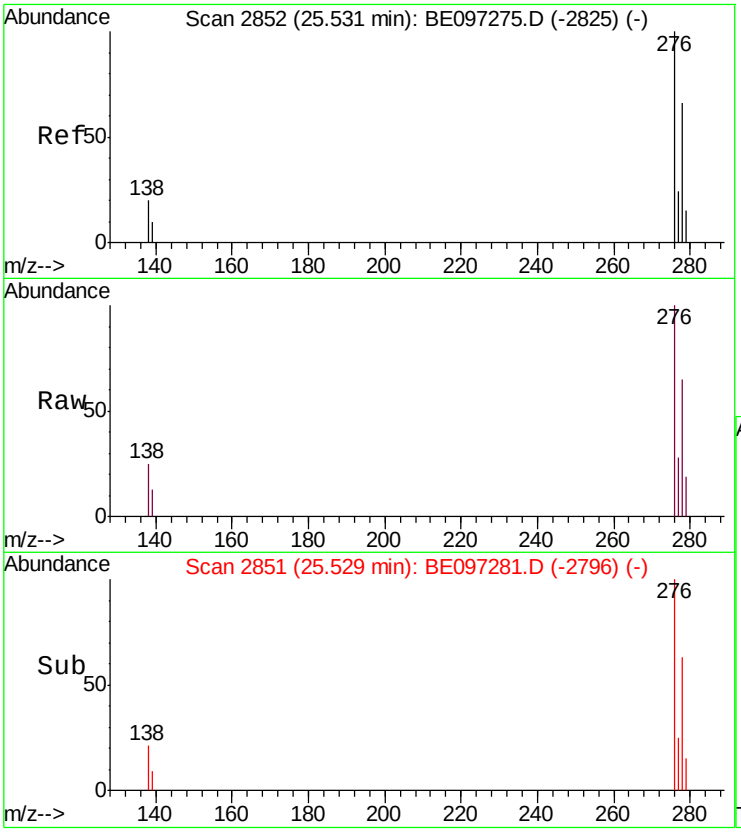


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.304 ng
RT: 20.92 min Scan# 1783
Delta R.T. -0.00 min
Lab File: BE097281.D
Acq: 15 Aug 2018 16:29

Tgt Ion:149 Resp: 5553

Ion	Ratio	Lower	Upper
149	100		
167	5.8	5.4	8.0
279	1.0	0.7	1.1



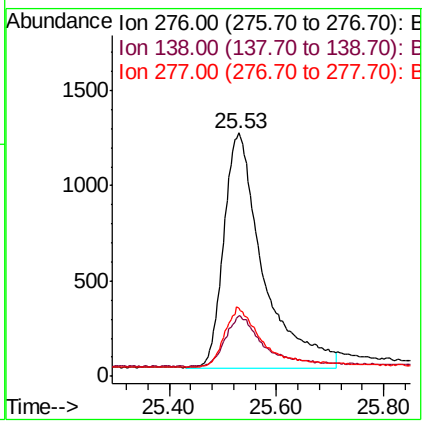


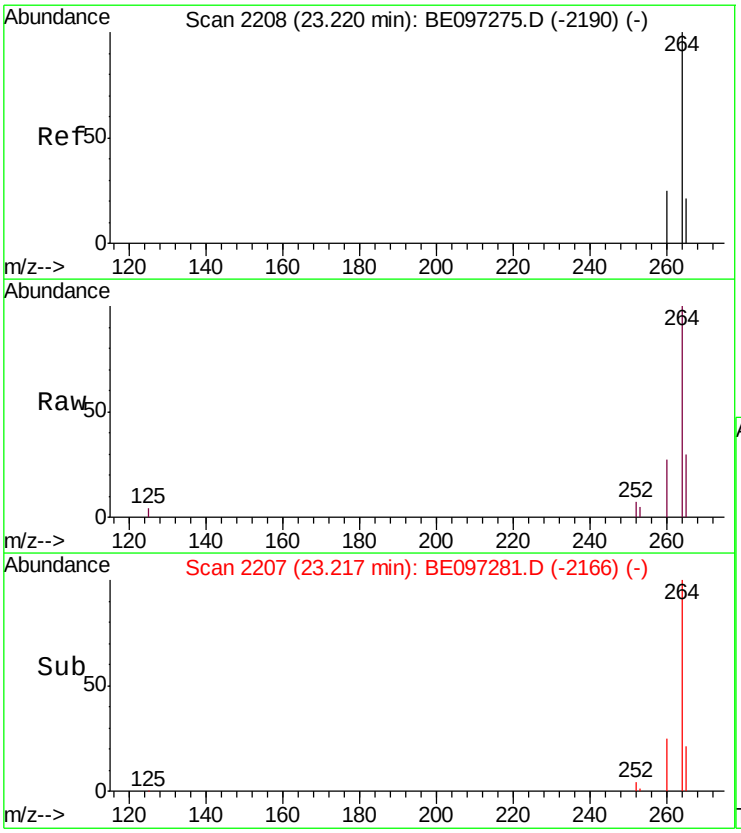
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.401 ng
RT: 25.53 min Scan# 2851
Delta R.T. -0.00 min
Lab File: BE097281.D
Acq: 15 Aug 2018 16:29

Instrument :
BNA_E
ClientSampleId :
PB112028BSD

Tgt Ion:276 Resp: 6248

Ion	Ratio	Lower	Upper
276	100		
138	21.7	22.5	33.7#
277	23.7	19.9	29.9

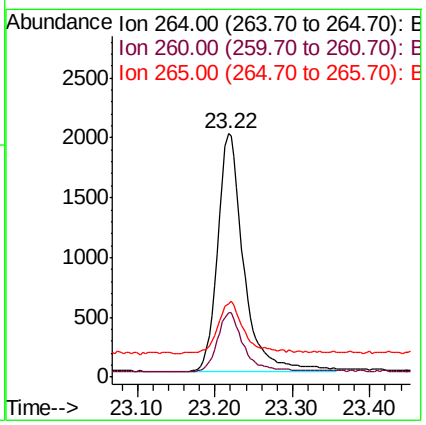


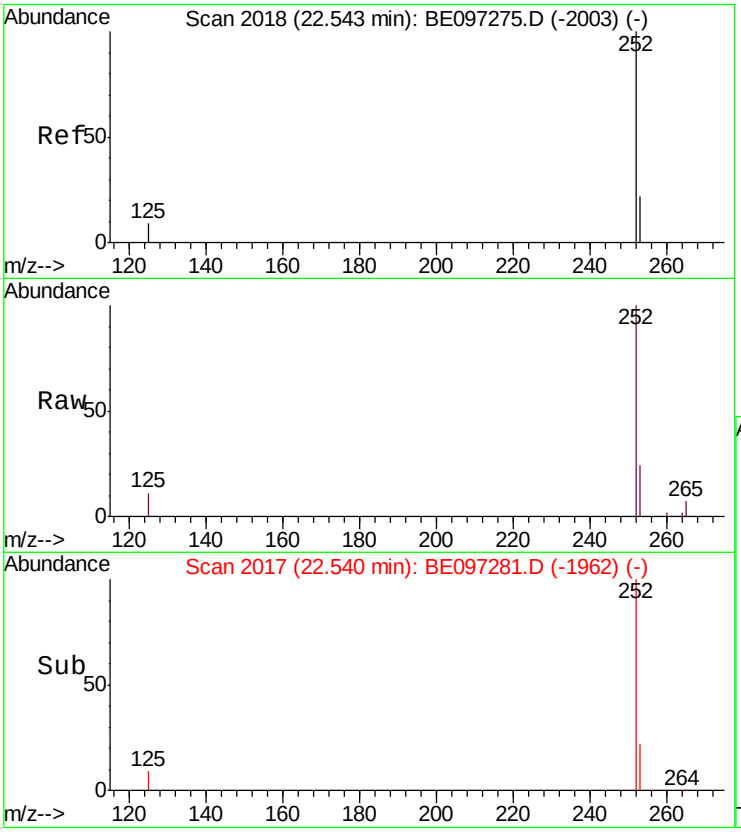


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.22 min Scan# 2207
Delta R.T. -0.00 min
Lab File: BE097281.D
Acq: 15 Aug 2018 16:29

Tgt Ion:264 Resp: 4616

Ion	Ratio	Lower	Upper
264	100		
260	26.6	20.5	30.7
265	30.3	22.8	34.2



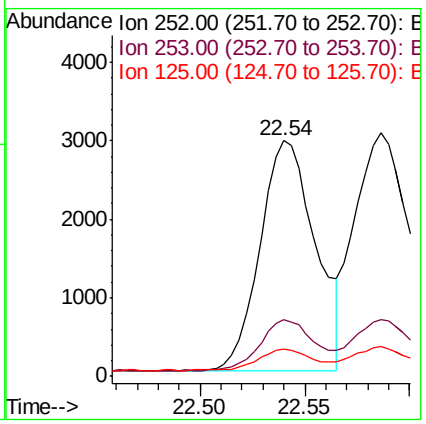


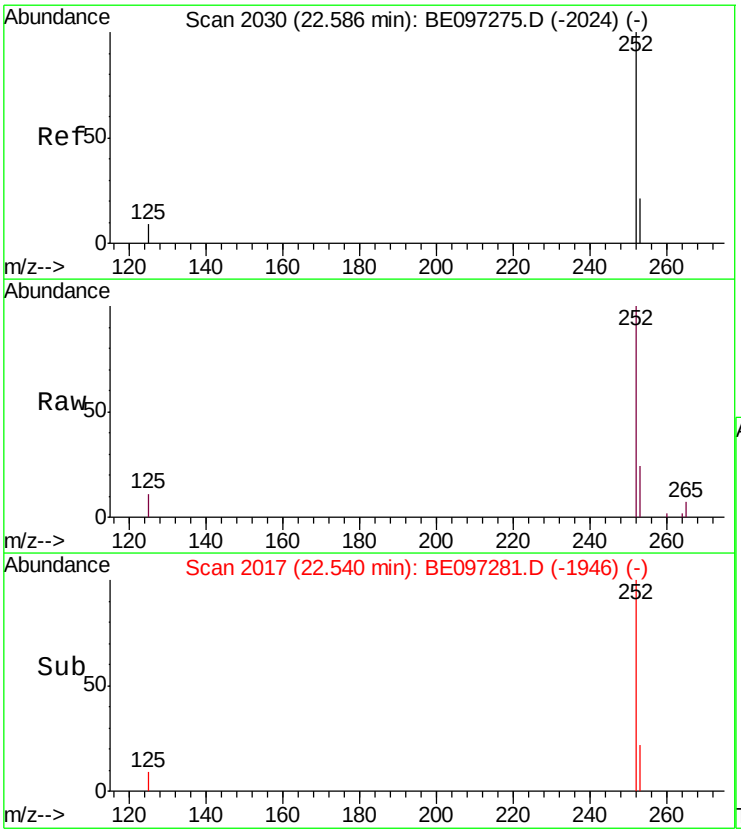
#35
Benzo(b)fluoranthene
Concen: 0.473 ng
RT: 22.54 min Scan# 2017
Delta R.T. -0.00 min
Lab File: BE097281.D
Acq: 15 Aug 2018 16:29

Instrument :
BNA_E
ClientSampleId :
PB112028BSD

Tgt Ion:252 Resp: 5428

Ion	Ratio	Lower	Upper
252	100		
253	23.9	20.0	30.0
125	11.3	16.0	24.0#

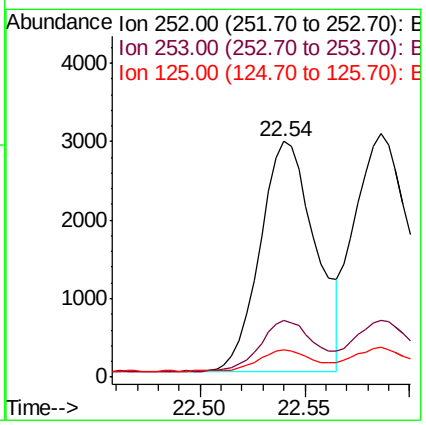


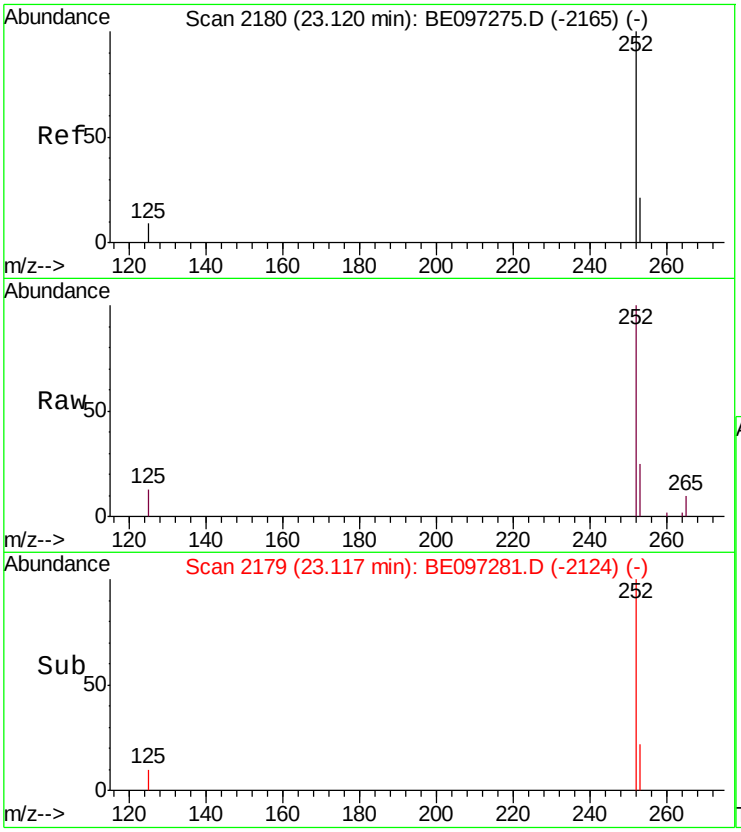


#36
Benzo(k)fluoranthene
Concen: 0.389 ng
RT: 22.54 min Scan# 2017
Delta R.T. -0.05 min
Lab File: BE097281.D
Acq: 15 Aug 2018 16:29

Tgt Ion:252 Resp: 5428

Ion	Ratio	Lower	Upper
252	100		
253	23.9	16.0	24.0
125	11.3	8.0	12.0



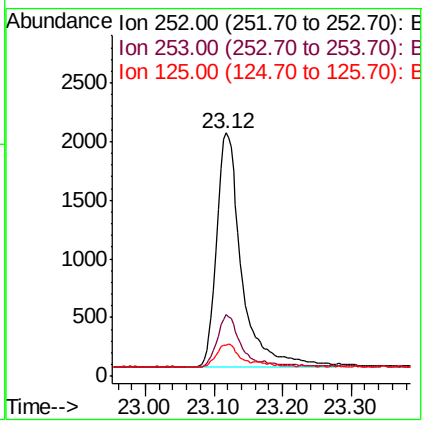


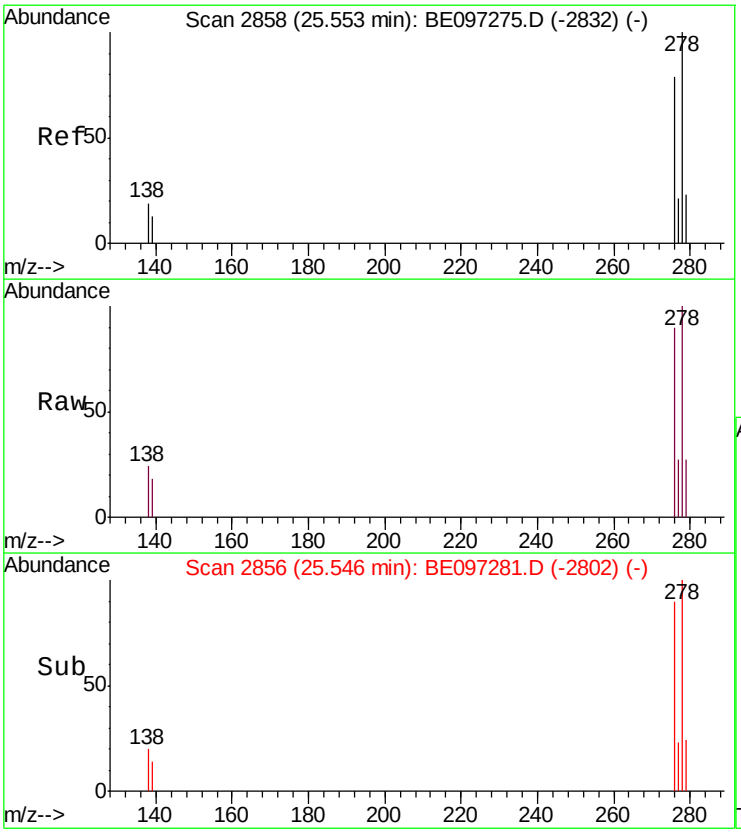
#37
Benzo(a)pyrene
Concen: 0.441 ng
RT: 23.12 min Scan# 2179
Delta R.T. -0.00 min
Lab File: BE097281.D
Acq: 15 Aug 2018 16:29

Instrument :
BNA_E
ClientSampleId :
PB112028BSD

Tgt Ion:252 Resp: 5079

Ion	Ratio	Lower	Upper
252	100		
253	25.4	16.0	24.0#
125	13.0	12.0	18.0

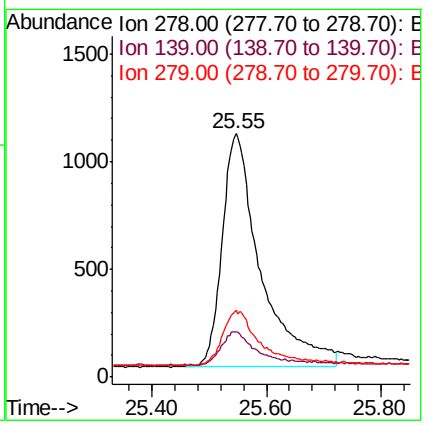


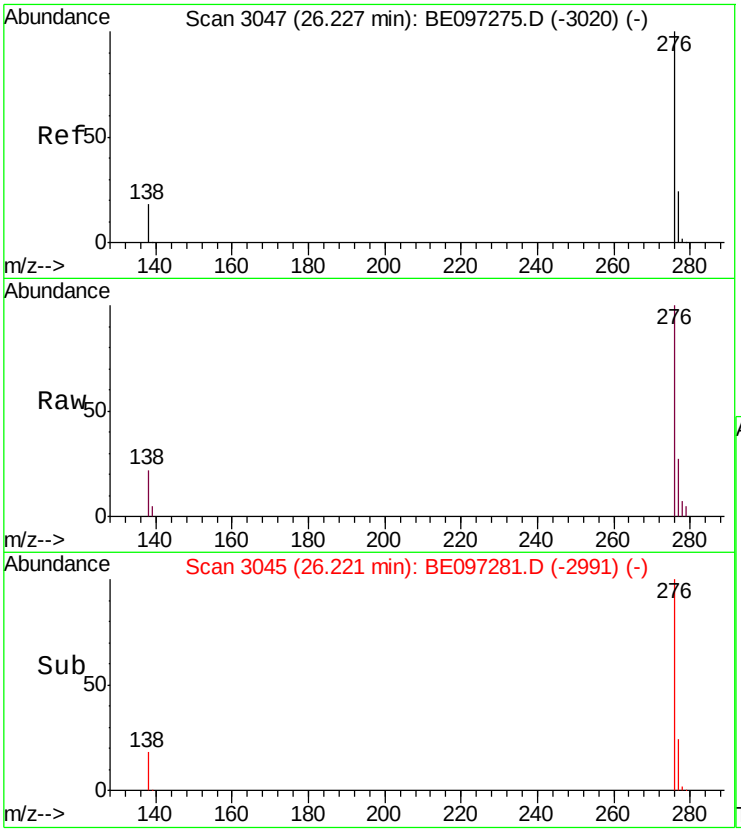


#38
Dibenzo(a,h)anthracene
Concen: 0.445 ng
RT: 25.55 min Scan# 2856
Delta R.T. -0.01 min
Lab File: BE097281.D
Acq: 15 Aug 2018 16:29

Tgt Ion:278 Resp: 5059

Ion	Ratio	Lower	Upper
278	100		
139	18.4	16.0	24.0
279	27.4	20.0	30.0





#39
Benzo(g,h,i)perylene
Concen: 0.451 ng
RT: 26.22 min Scan# 3045
Delta R.T. -0.01 min
Lab File: BE097281.D
Acq: 15 Aug 2018 16:29

Instrument :
BNA_E
ClientSampleId :
PB112028BSD

Tgt Ion:276 Resp: 5174

Ion	Ratio	Lower	Upper
276	100		
277	27.4	16.0	24.0#
138	21.8	20.0	30.0