Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE091018\
Data File : BE097443.D
Acq On : 10 Sep 2018 11:31
Operator : SJ/JU
Sample : PB112668BSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId :

Quant Time: Sep 10 13:24:52 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE082218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 22 18:07:26 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.38	152	1175	0.40	ng		0.00
7) Naphthalene-d8	10.13	136	4929	0.40	ng		0.00
13) Acenaphthene-d10	14.00	164	2342	0.40	ng		-0.01
19) Phenanthrene-d10	16.75	188	5642	0.40	ng		-0.01
27) Chrysene-d12	20.97	240	7719	0.40	ng		0.00
34) Perylene-d12	23.20	264	8372	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.05	112	1304	0.38	ng		0.00
5) Phenol-d6	6.60	99	1603	0.35	ng		0.00
8) Nitrobenzene-d5	8.52	82	1331	0.38	ng		0.00
11) 2-Methylnaphthalene-d10	11.72	152	3420	0.50	ng		0.00
14) 2,4,6-Tribromophenol	15.52	330	250	0.32	ng		0.00
15) 2-Fluorobiphenyl	12.62	172	3335	0.39	ng		0.00
25) Fluoranthene-d10	18.80	212	23346	0.36	ng		0.00
29) Terphenyl-d14	19.42	244	4050	0.28	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.09	88	600	0.287	ng	#	56
3) n-Nitrosodimethylamine	3.38	42	646	0.331	ng	#	93
6) bis(2-Chloroethyl)ether	6.83	93	1283	0.300	ng		94
9) Naphthalene	10.17	128	16387	0.365	ng		100
10) Hexachlorobutadiene	10.47	225	688	0.343	ng		98
12) 2-Methylnaphthalene	11.79	142	2542	0.359	ng		99
16) Acenaphthylene	13.71	152	3370	0.362	ng		99
17) Acenaphthene	14.07	154	2199	0.354	ng		95
18) Fluorene	15.06	166	2724	0.347	ng	#	79
20) 4-Bromophenyl-phenylether	15.96	248	870	0.339	ng	#	84
21) Hexachlorobenzene	16.07	284	980	0.345	ng	#	83
22) Pentachlorophenol	16.43	266	482	0.640	ng	#	76
23) Phenanthrene	16.80	178	4907	0.365	ng		99
24) Anthracene	16.89	178	4304	0.377	ng	#	95
26) Fluoranthene	18.83	202	5974	0.355	ng		98
28) Pyrene	19.19	202	6093	0.332	ng		99
30) Benzo(a)anthracene	20.95	228	7513	0.385	ng		97
31) Chrysene	21.00	228	7695	0.366	ng		99
32) Bis(2-ethylhexyl)phthalate	20.91	149	9570	0.428	ng		100
33) Indeno(1,2,3-cd)pyrene	25.49	276	10050	0.377	ng	#	92
35) Benzo(b)fluoranthene	22.53	252	8076	0.362	ng	#	90
36) Benzo(k)fluoranthene	22.57	252	8734	0.354	ng		93
37) Benzo(a)pyrene	23.10	252	7979	0.369	ng	#	91
38) Dibenzo(a,h)anthracene	25.51	278	8348	0.321	ng		95
39) Benzo(g,h,i)perylene	26.19	276	8521	0.316	ng	#	89

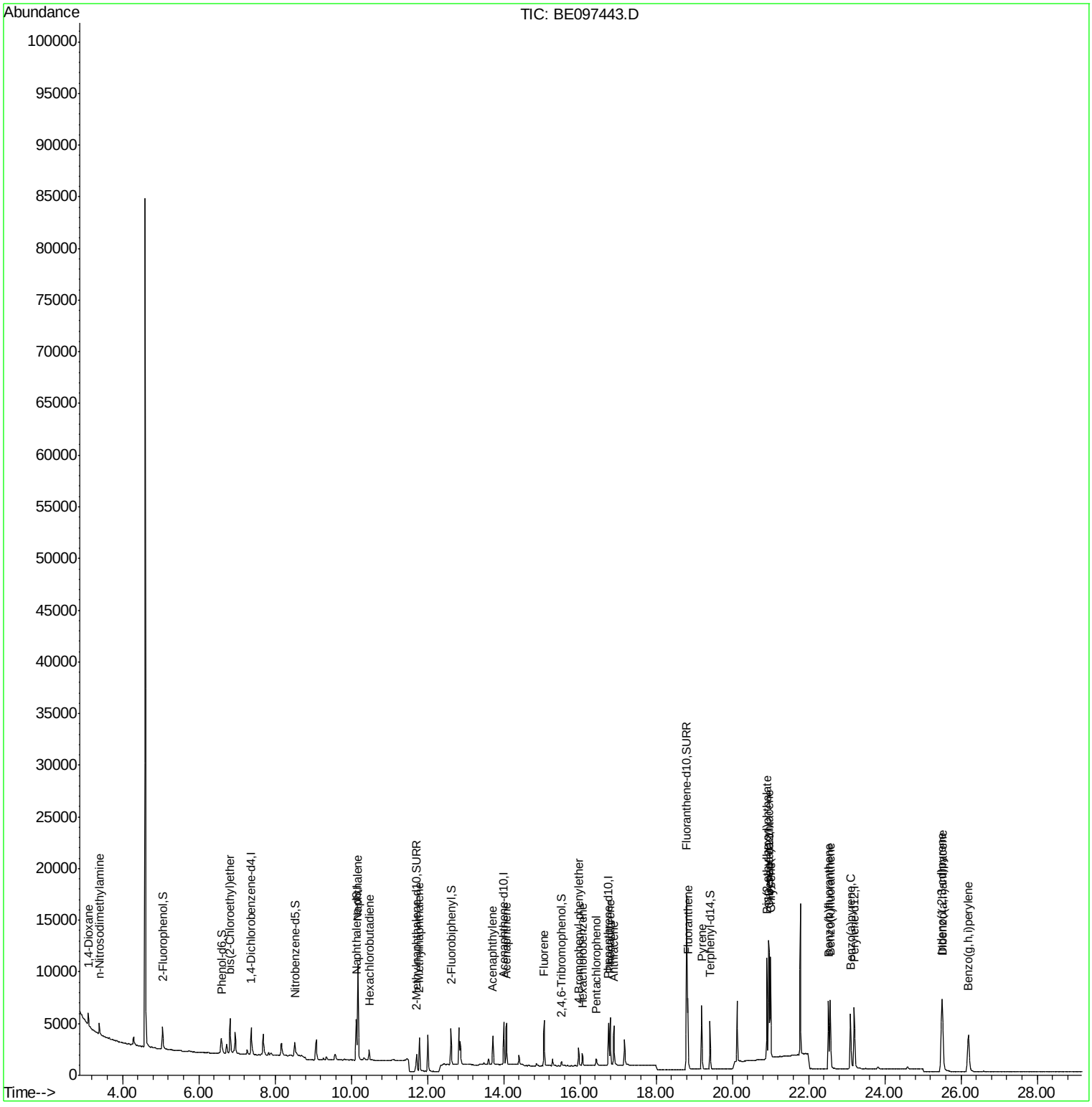
(#) = qualifier out of range (m) = manual integration (+) = signals summed

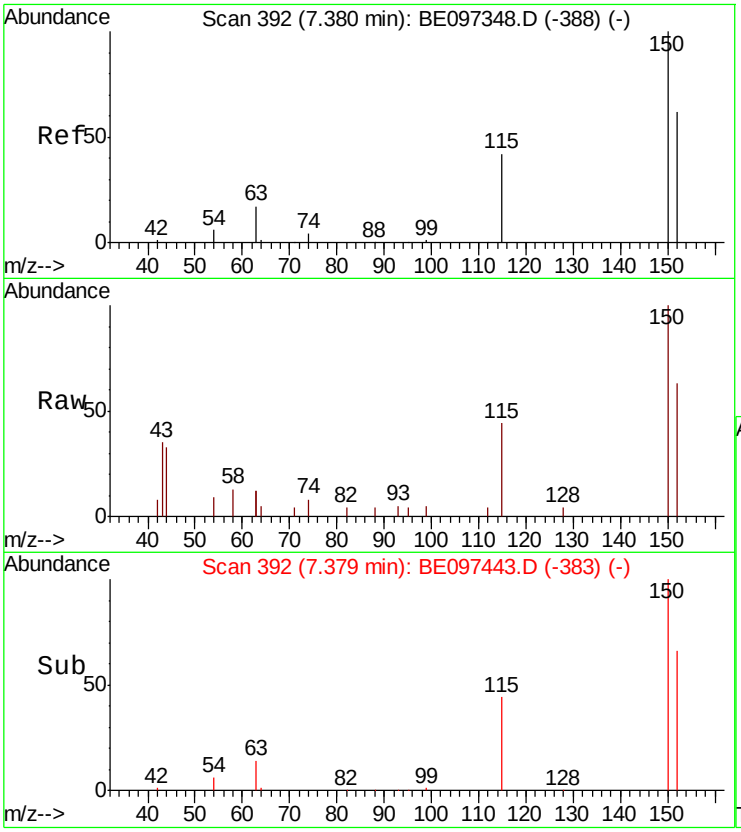
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE091018\
Data File : BE097443.D
Acq On : 10 Sep 2018 11:31
Operator : SJ/JU
Sample : PB112668BSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :

Quant Time: Sep 10 13:24:52 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE082218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 22 18:07:26 2018
Response via : Initial Calibration



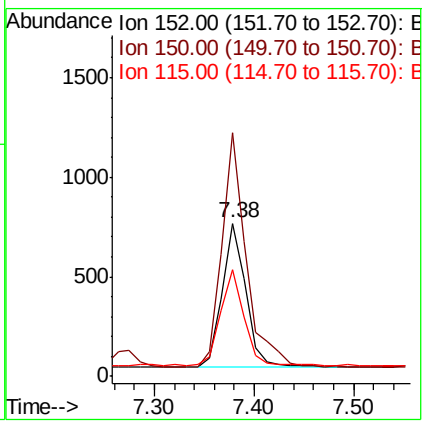


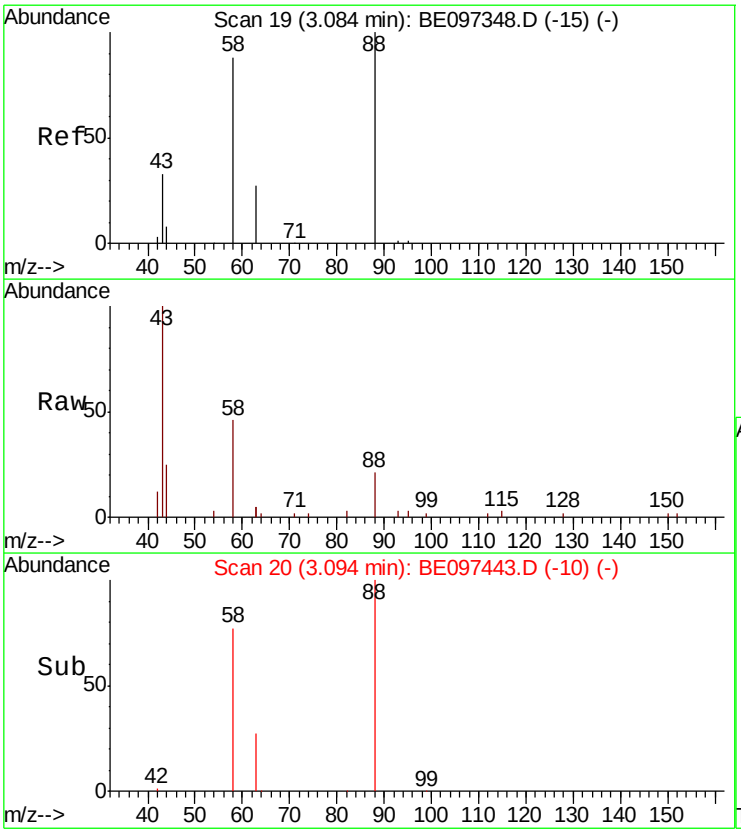
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.38 min Scan# 392
Delta R.T. -0.00 min
Lab File: BE097443.D
Acq: 10 Sep 2018 11:31

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 1175

Ion	Ratio	Lower	Upper
152	100		
150	159.5	117.2	175.8
115	69.6	57.0	85.6

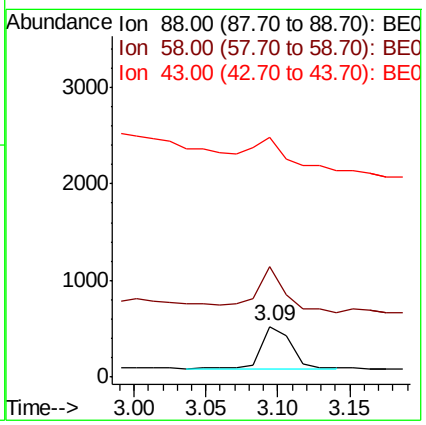


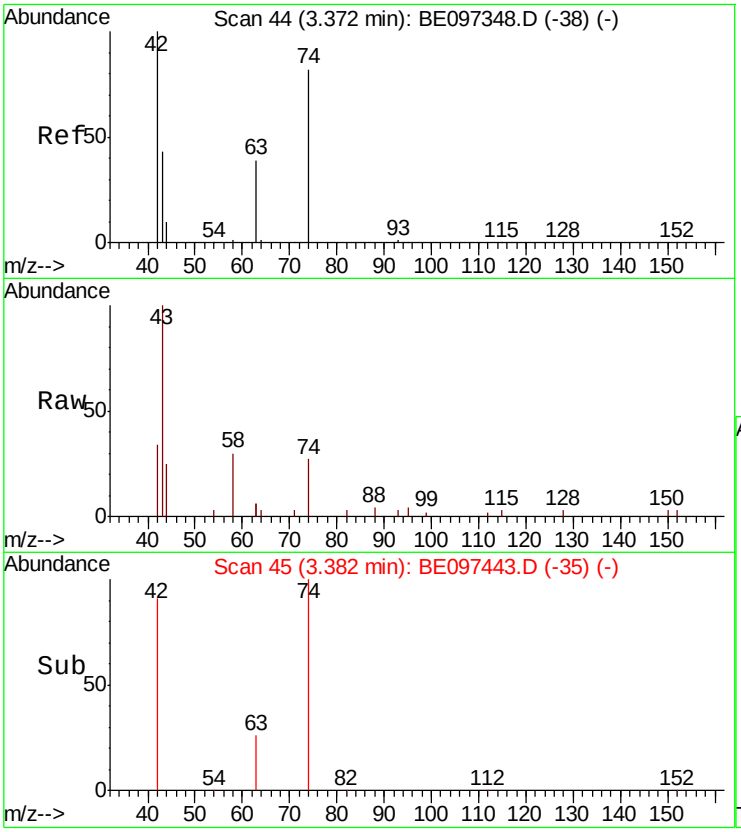


#2
1,4-Dioxane
Concen: 0.287 ng
RT: 3.09 min Scan# 20
Delta R.T. 0.01 min
Lab File: BE097443.D
Acq: 10 Sep 2018 11:31

Tgt Ion: 88 Resp: 600

Ion	Ratio	Lower	Upper
88	100		
58	110.2	63.2	94.8#
43	92.2	41.2	61.8#

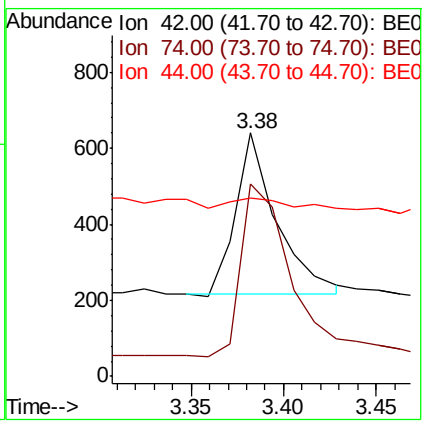




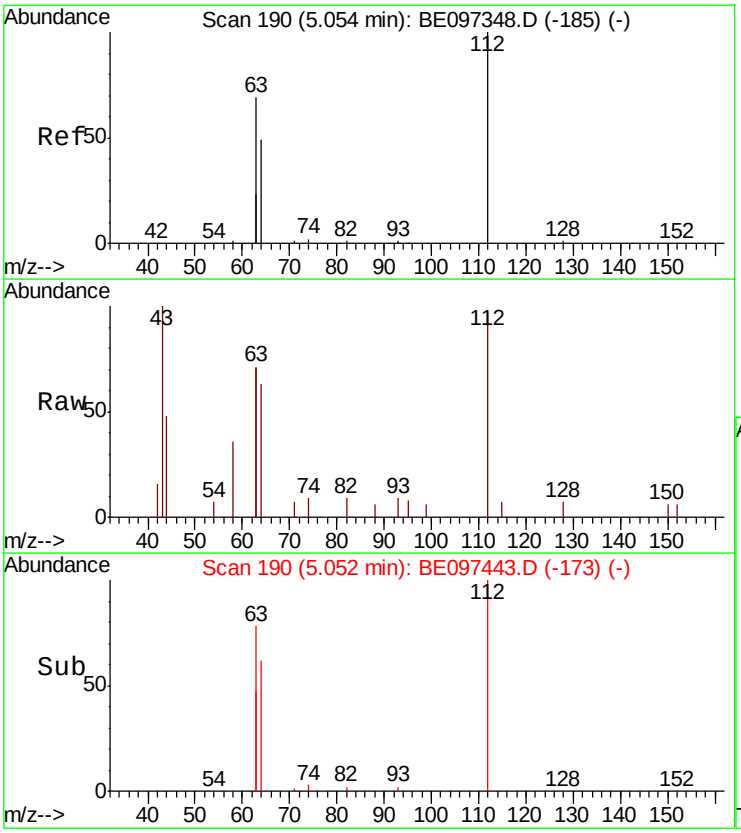
#3
n-Nitrosodimethylamine
Concen: 0.331 ng
RT: 3.38 min Scan# 45
Delta R.T. 0.01 min
Lab File: BE097443.D
Acq: 10 Sep 2018 11:31

Tgt Ion: 42 Resp: 646

Ion	Ratio	Lower	Upper
42	100		
74	126.9	96.0	144.0
44	8.5	12.0	18.0#



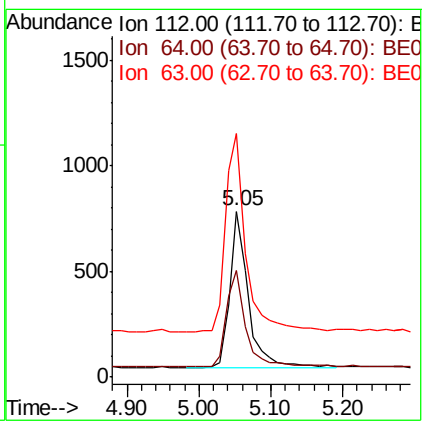
Instrument :
BNA_E
ClientSampleId :

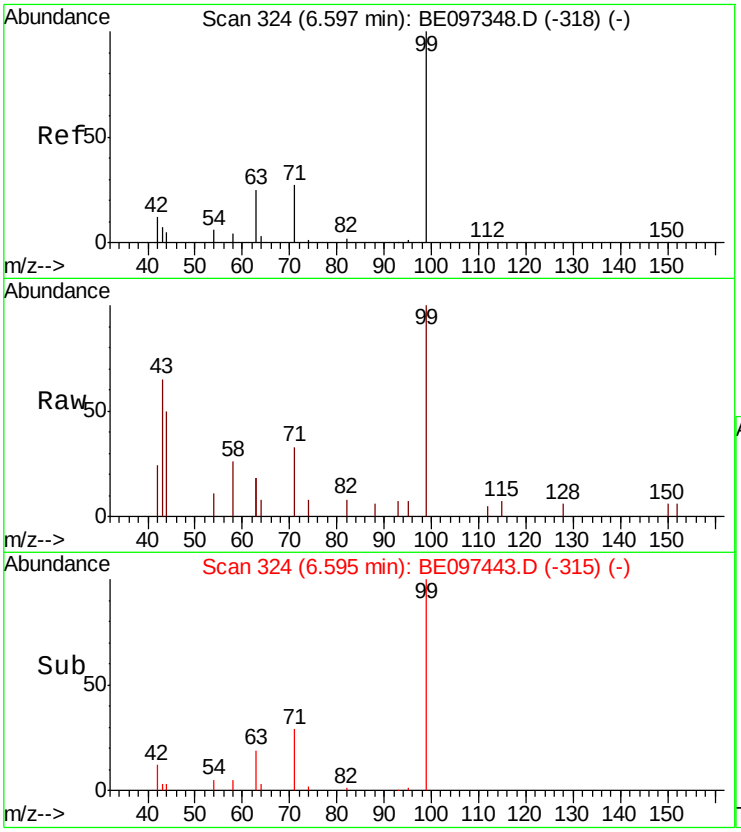


#4
2-Fluorophenol
Concen: 0.375 ng
RT: 5.05 min Scan# 190
Delta R.T. -0.00 min
Lab File: BE097443.D
Acq: 10 Sep 2018 11:31

Tgt Ion:112 Resp: 1304

Ion	Ratio	Lower	Upper
112	100		
64	65.6	60.1	90.1
63	141.2	116.8	175.2



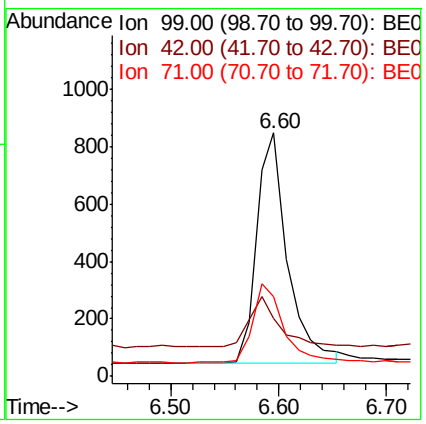


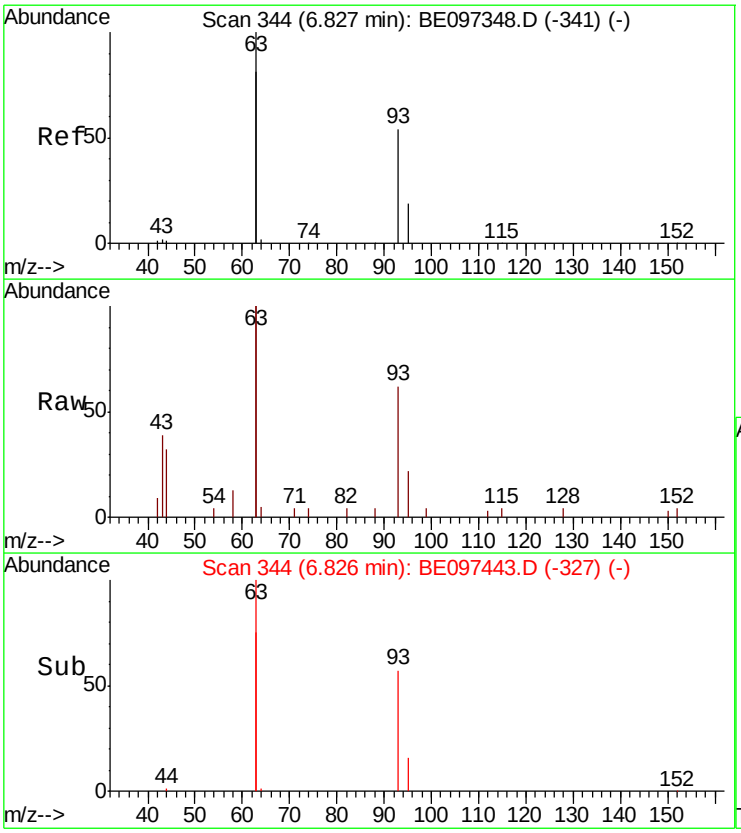
#5
Phenol-d6
Concen: 0.345 ng
RT: 6.60 min Scan# 324
Delta R.T. -0.00 min
Lab File: BE097443.D
Acq: 10 Sep 2018 11:31

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 99 Resp: 1603

Ion	Ratio	Lower	Upper
99	100		
42	20.8	20.2	30.2
71	34.9	28.4	42.6

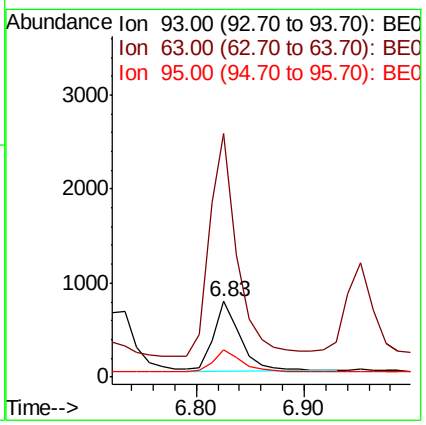


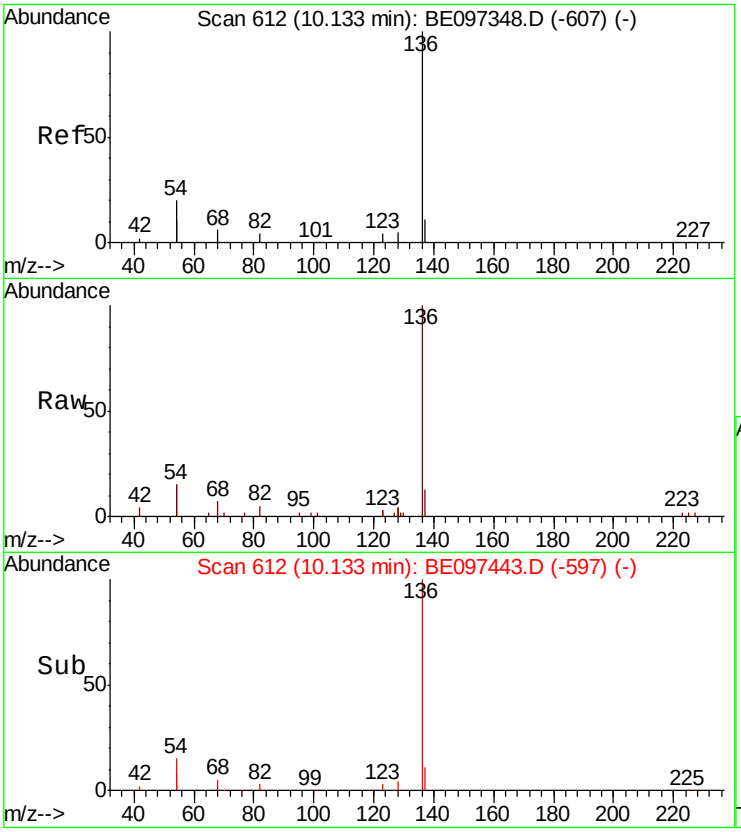


#6
bis(2-Chloroethyl)ether
Concen: 0.300 ng
RT: 6.83 min Scan# 344
Delta R.T. -0.00 min
Lab File: BE097443.D
Acq: 10 Sep 2018 11:31

Tgt Ion: 93 Resp: 1283

Ion	Ratio	Lower	Upper
93	100		
63	330.4	275.3	412.9
95	32.9	25.2	37.8



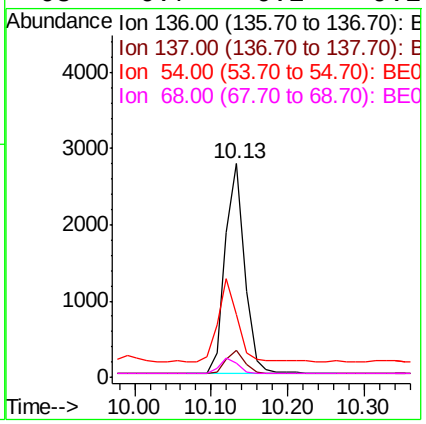


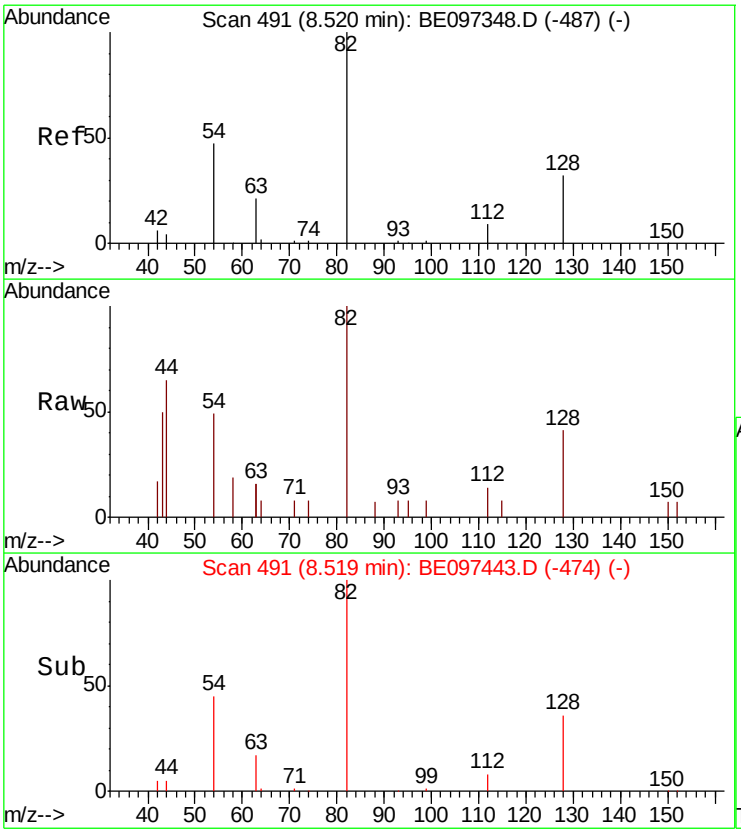
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.13 min Scan# 612
Delta R.T. 0.00 min
Lab File: BE097443.D
Acq: 10 Sep 2018 11:31

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:136 Resp: 4929

Ion	Ratio	Lower	Upper
136	100		
137	12.6	9.5	14.3
54	29.5	29.1	43.7
68	6.7	6.2	9.2

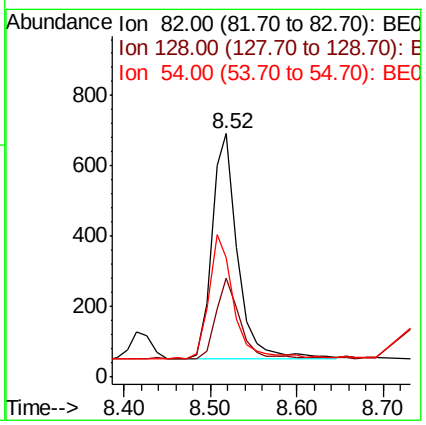


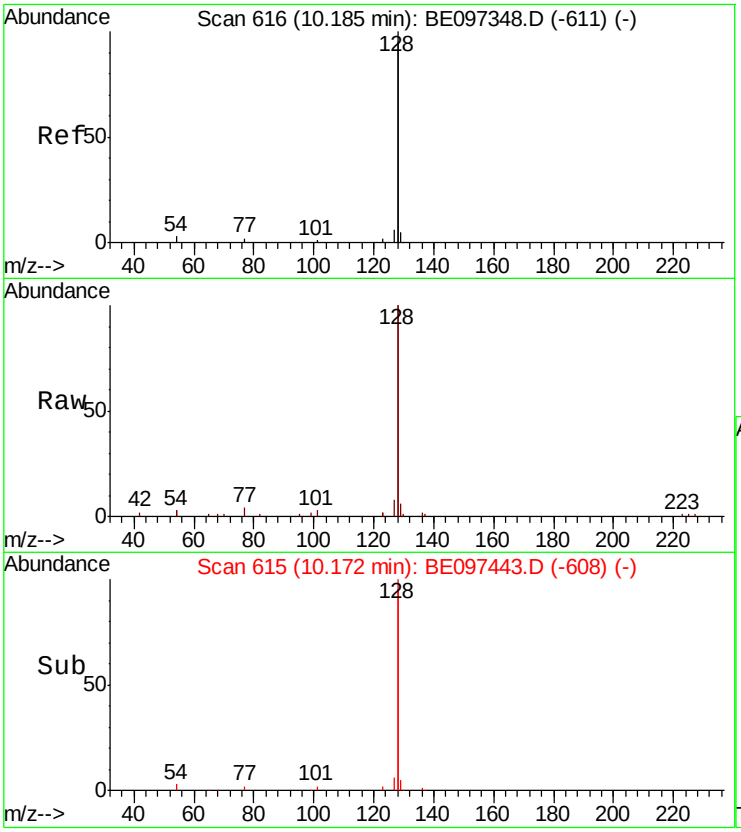


#8
Nitrobenzene-d5
Concen: 0.377 ng
RT: 8.52 min Scan# 491
Delta R.T. -0.00 min
Lab File: BE097443.D
Acq: 10 Sep 2018 11:31

Tgt Ion: 82 Resp: 1331

Ion	Ratio	Lower	Upper
82	100		
128	40.6	24.0	36.0#
54	49.0	40.0	60.0



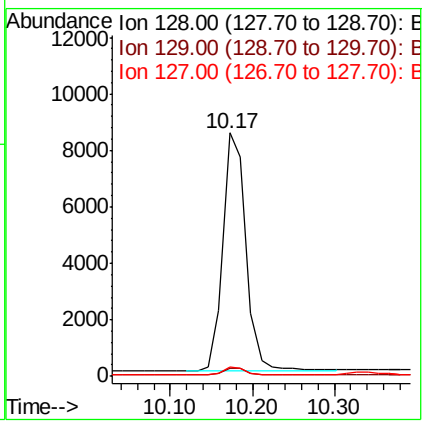


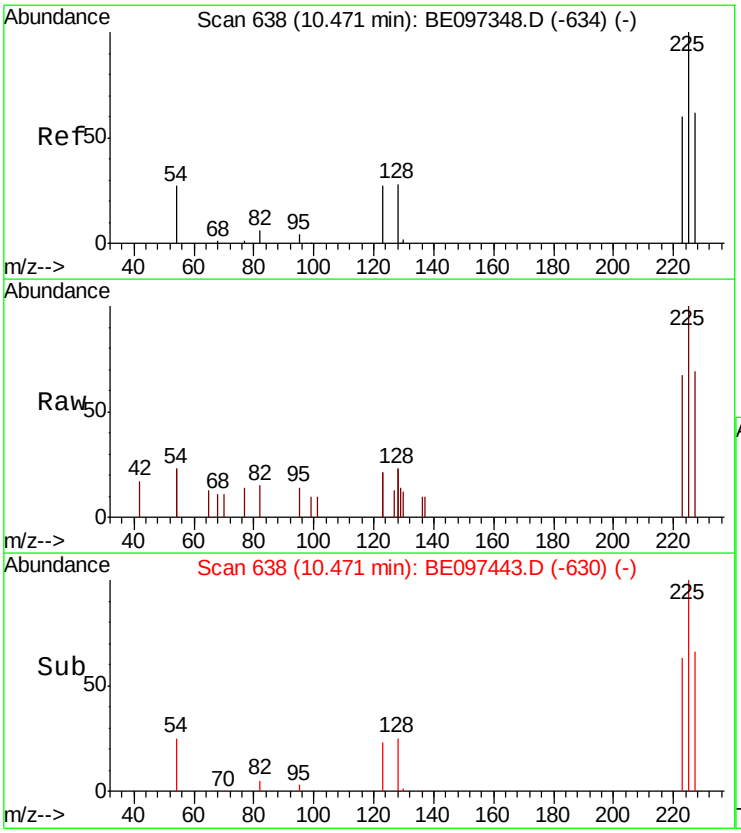
#9
Naphthalene
Concen: 0.365 ng
RT: 10.17 min Scan# 615
Delta R.T. -0.01 min
Lab File: BE097443.D
Acq: 10 Sep 2018 11:31

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:128 Resp: 16387

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

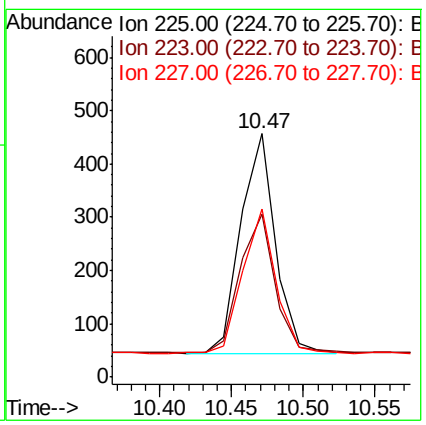


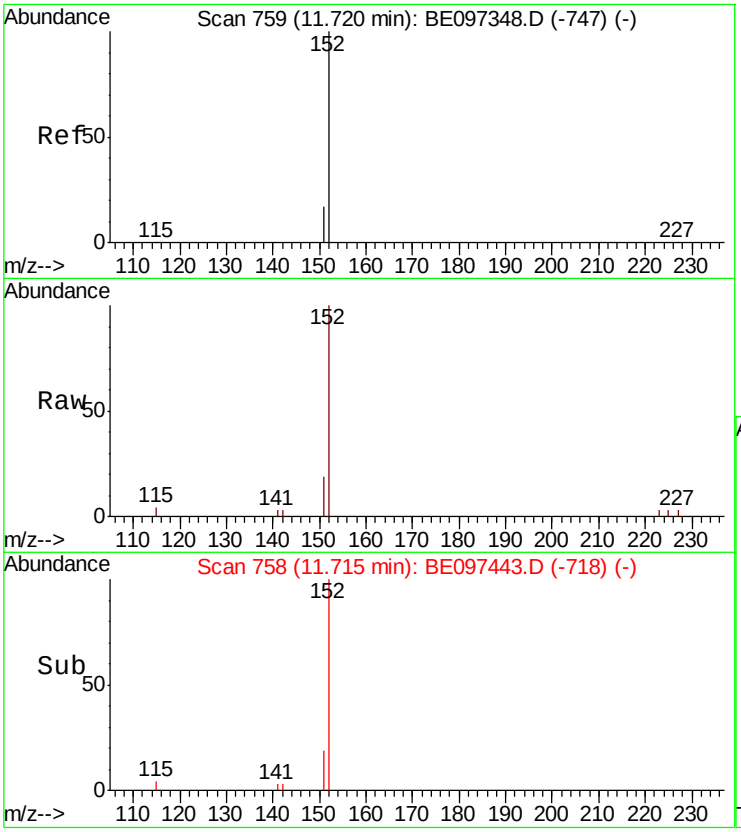


#10
Hexachlorobutadiene
Concen: 0.343 ng
RT: 10.47 min Scan# 638
Delta R.T. 0.00 min
Lab File: BE097443.D
Acq: 10 Sep 2018 11:31

Tgt Ion:225 Resp: 688

Ion	Ratio	Lower	Upper
225	100		
223	64.4	53.0	79.6
227	63.8	51.4	77.2



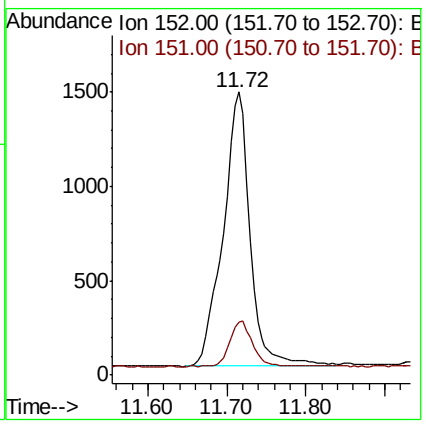


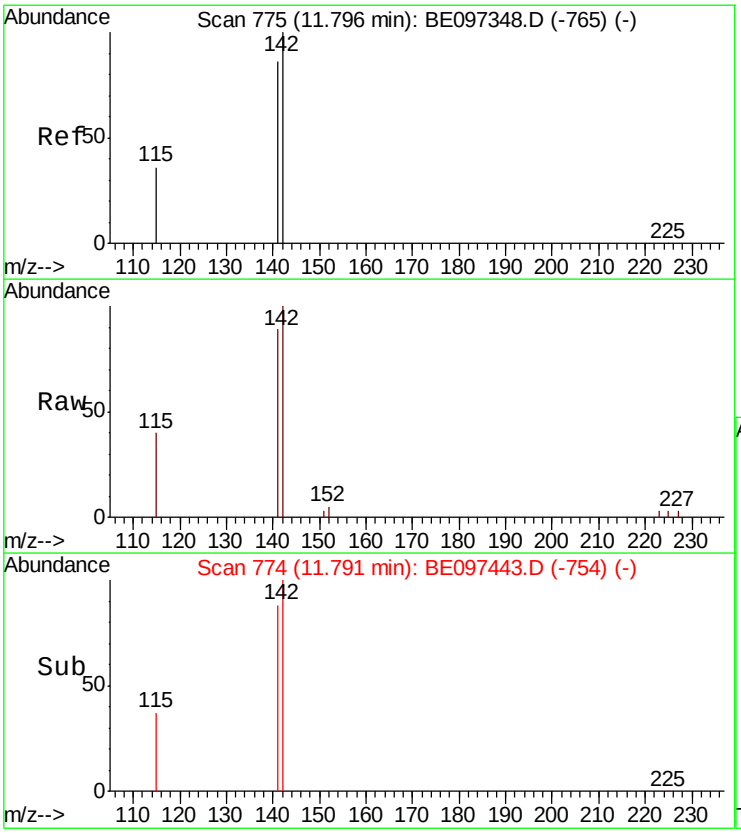
#11
2-Methylnaphthalene-d10
Concen: 0.498 ng
RT: 11.72 min Scan# 758
Delta R.T. -0.00 min
Lab File: BE097443.D
Acq: 10 Sep 2018 11:31

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 3420

Ion	Ratio	Lower	Upper
152	100		
151	13.6	15.4	23.0#

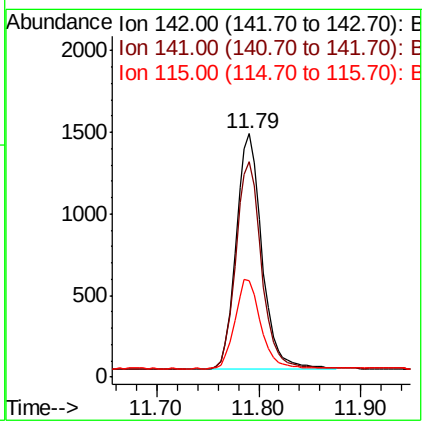


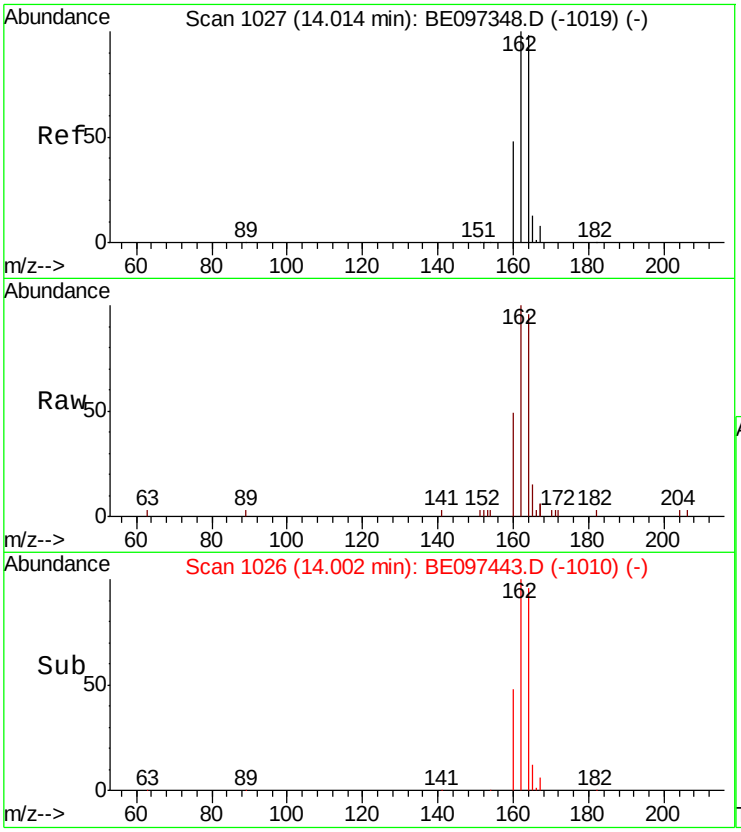


#12
2-Methylnaphthalene
Concen: 0.359 ng
RT: 11.79 min Scan# 774
Delta R.T. -0.00 min
Lab File: BE097443.D
Acq: 10 Sep 2018 11:31

Tgt Ion:142 Resp: 2542

Ion	Ratio	Lower	Upper
142	100		
141	88.7	70.4	105.6
115	39.6	31.7	47.5



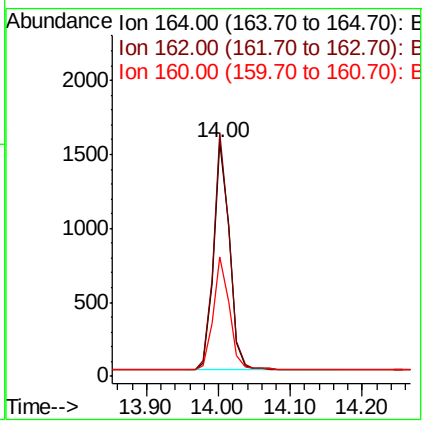


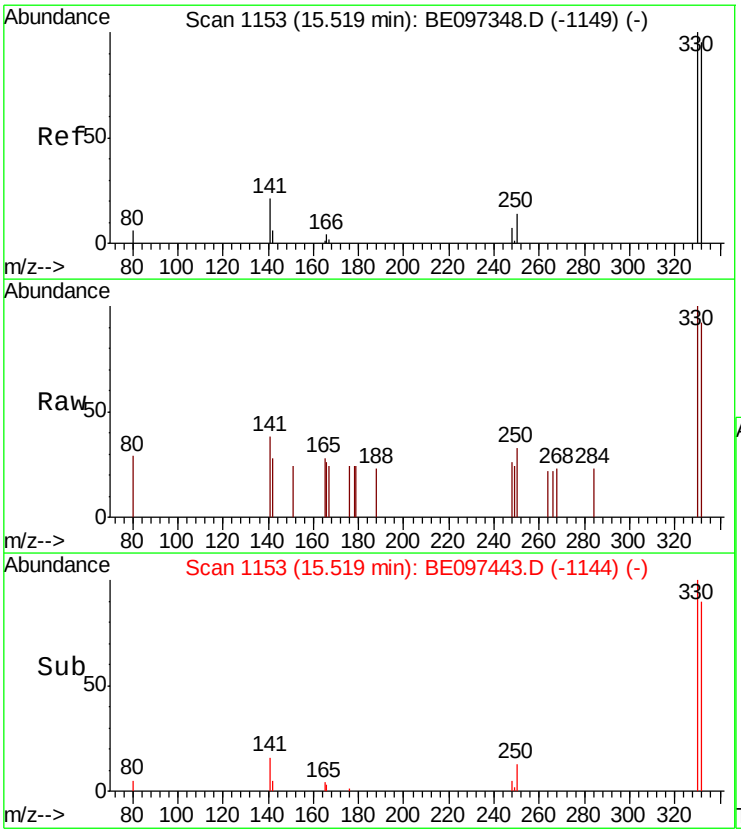
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.00 min Scan# 1026
Delta R.T. -0.01 min
Lab File: BE097443.D
Acq: 10 Sep 2018 11:31

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:164 Resp: 2342

Ion	Ratio	Lower	Upper
164	100		
162	104.0	83.1	124.7
160	51.1	37.1	55.7

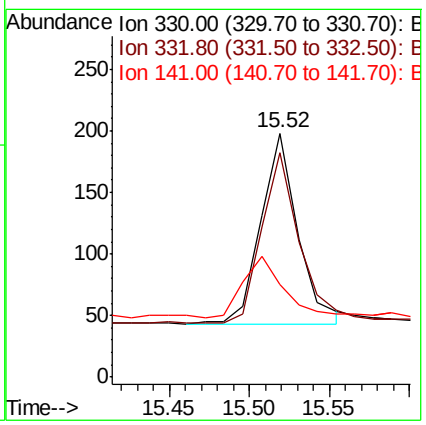


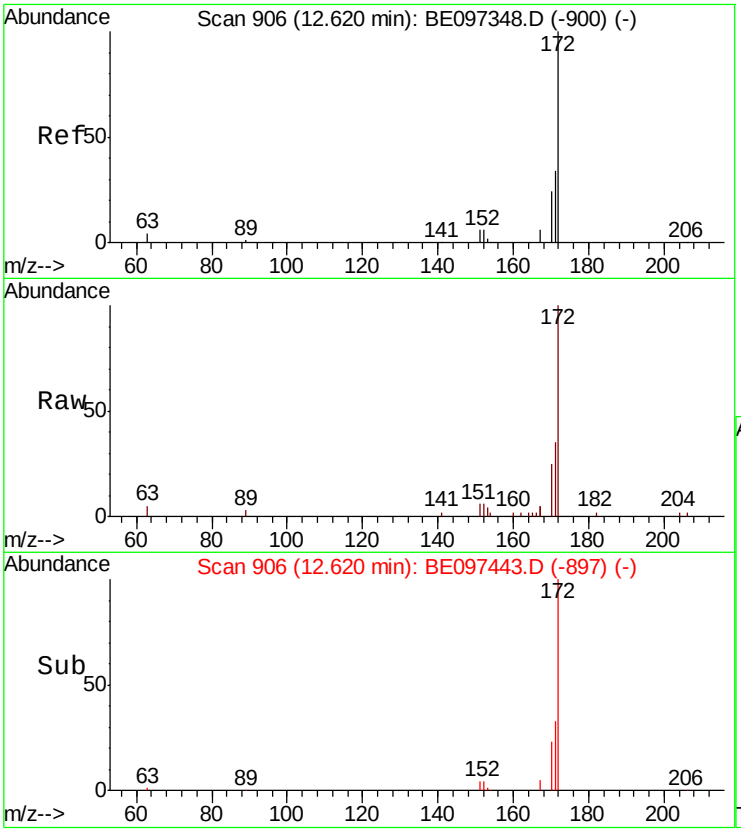


#14
2,4,6-Tribromophenol
Concen: 0.316 ng
RT: 15.52 min Scan# 1153
Delta R.T. -0.00 min
Lab File: BE097443.D
Acq: 10 Sep 2018 11:31

Tgt Ion:330 Resp: 250

Ion	Ratio	Lower	Upper
330	100		
332	90.0	152.7	229.1#
141	35.6	33.7	50.5



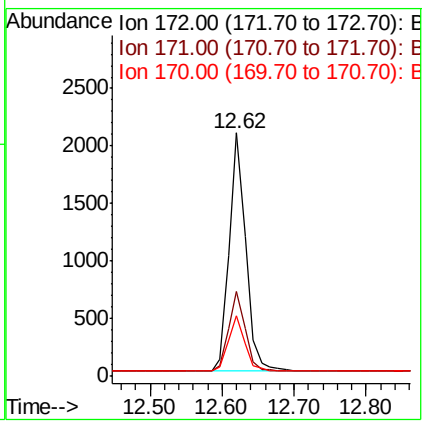


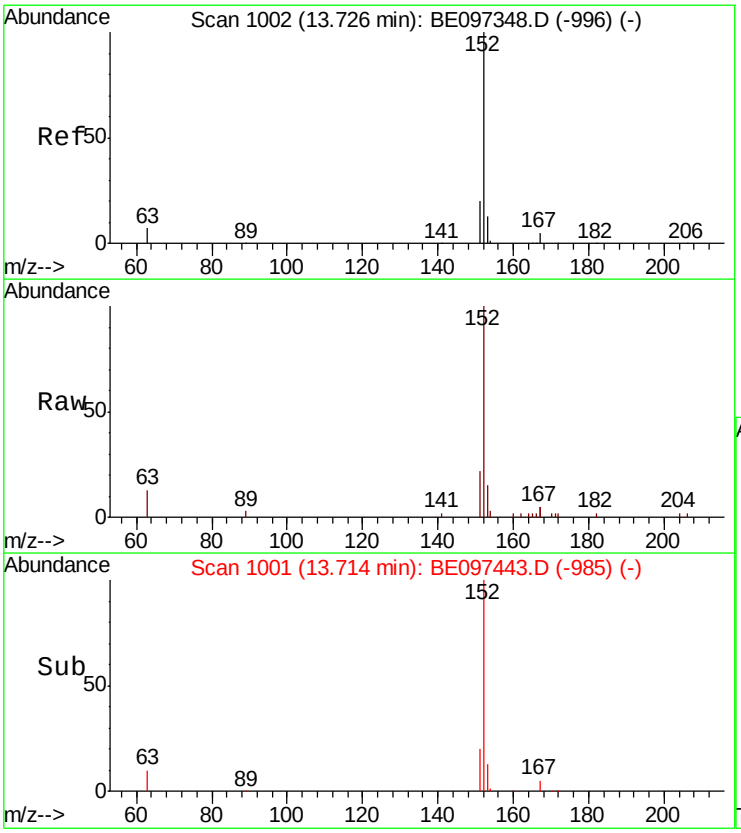
#15
2-Fluorobiphenyl
Concen: 0.388 ng
RT: 12.62 min Scan# 906
Delta R.T. -0.00 min
Lab File: BE097443.D
Acq: 10 Sep 2018 11:31

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:172 Resp: 3335

Ion	Ratio	Lower	Upper
172	100		
171	35.0	29.9	44.9
170	25.1	21.8	32.8

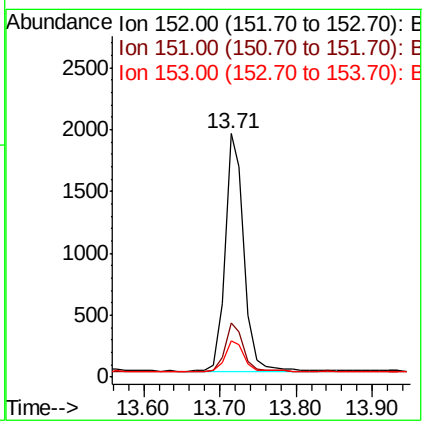


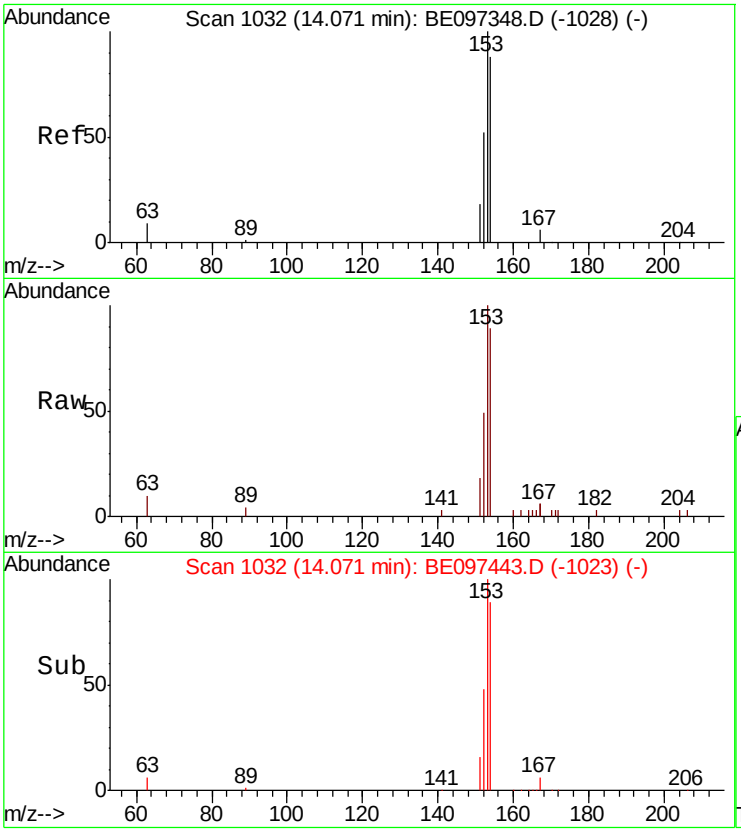


#16
Acenaphthylene
Concen: 0.362 ng
RT: 13.71 min Scan# 1001
Delta R.T. -0.01 min
Lab File: BE097443.D
Acq: 10 Sep 2018 11:31

Tgt Ion:152 Resp: 3370

Ion	Ratio	Lower	Upper
152	100		
151	20.1	15.7	23.5
153	12.6	10.5	15.7



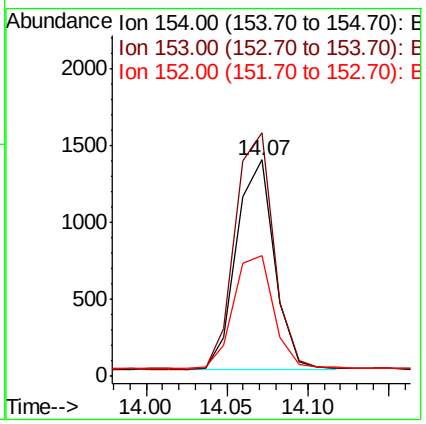


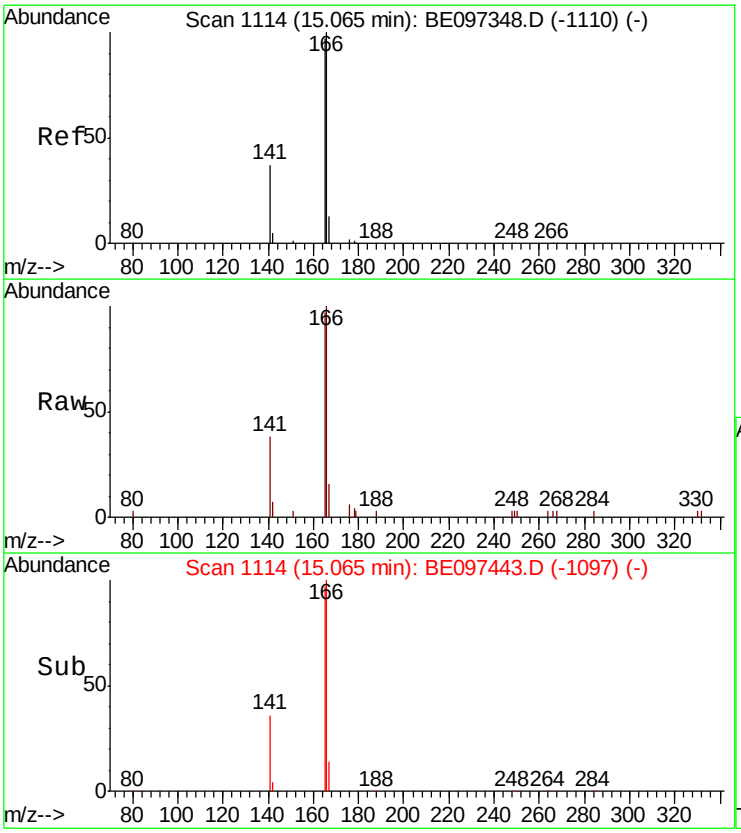
#17
Acenaphthene
Concen: 0.354 ng
RT: 14.07 min Scan# 1032
Delta R.T. -0.00 min
Lab File: BE097443.D
Acq: 10 Sep 2018 11:31

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:154 Resp: 2199

Ion	Ratio	Lower	Upper
154	100		
153	115.9	89.2	133.8
152	57.5	42.0	63.0

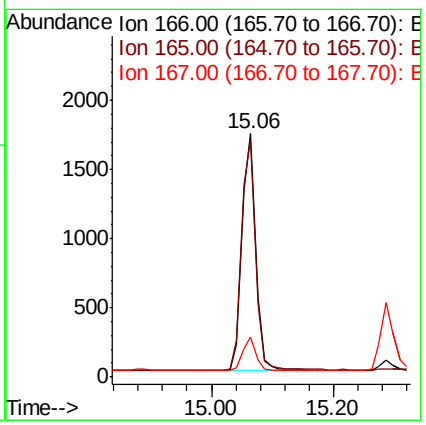


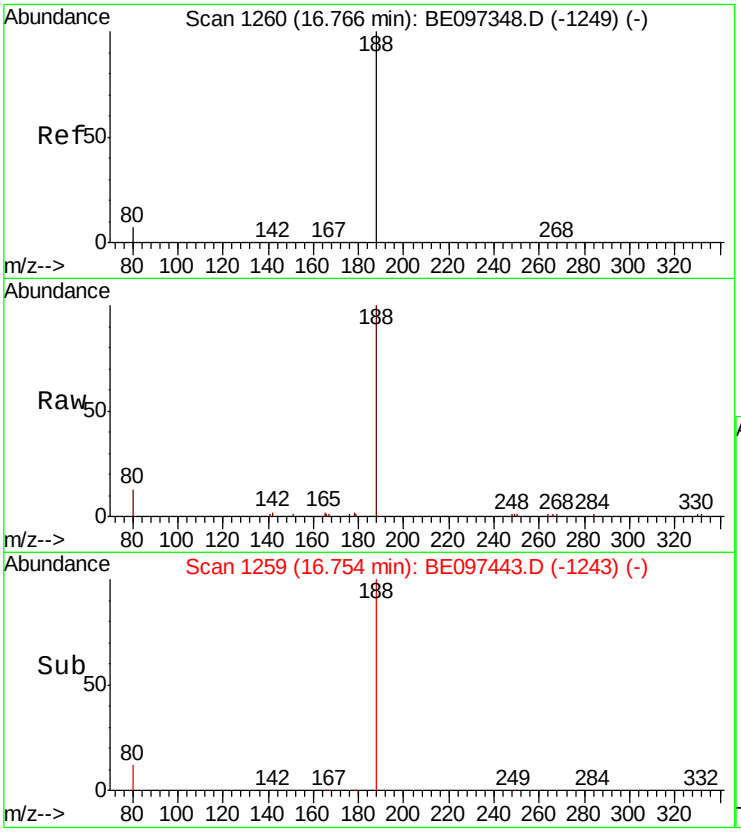


#18
Fluorene
Concen: 0.347 ng
RT: 15.06 min Scan# 1114
Delta R.T. -0.00 min
Lab File: BE097443.D
Acq: 10 Sep 2018 11:31

Tgt Ion:166 Resp: 2724

Ion	Ratio	Lower	Upper
166	100		
165	99.2	77.8	116.6
167	13.5	42.4	63.6#



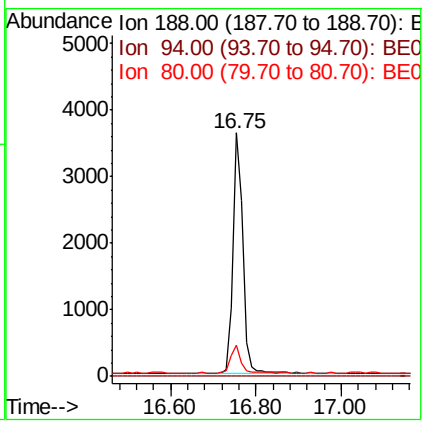


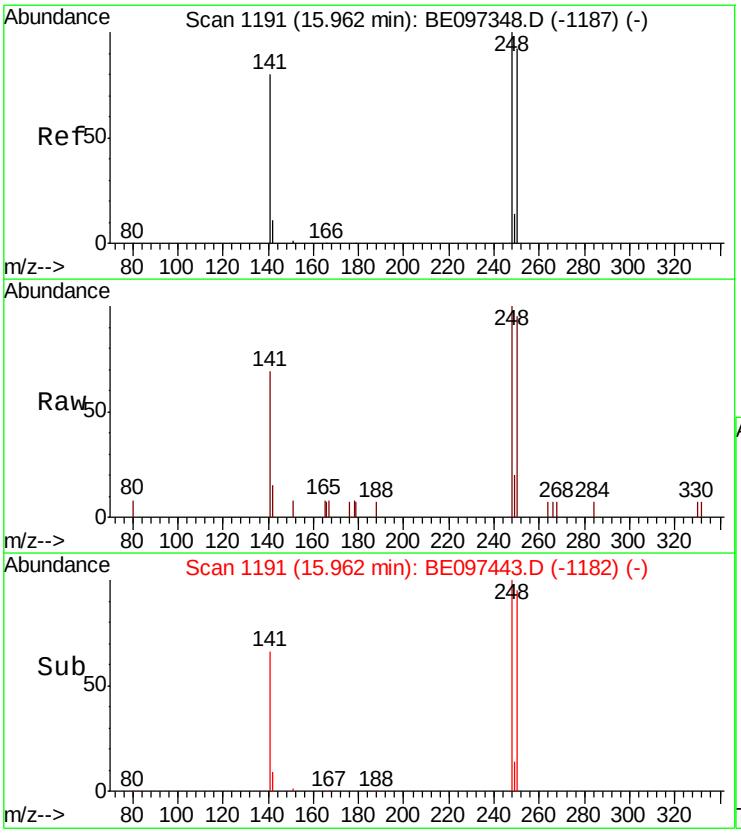
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.75 min Scan# 1259
Delta R.T. -0.01 min
Lab File: BE097443.D
Acq: 10 Sep 2018 11:31

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:188 Resp: 5642

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

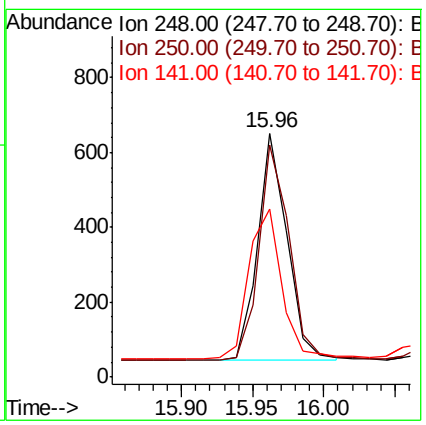


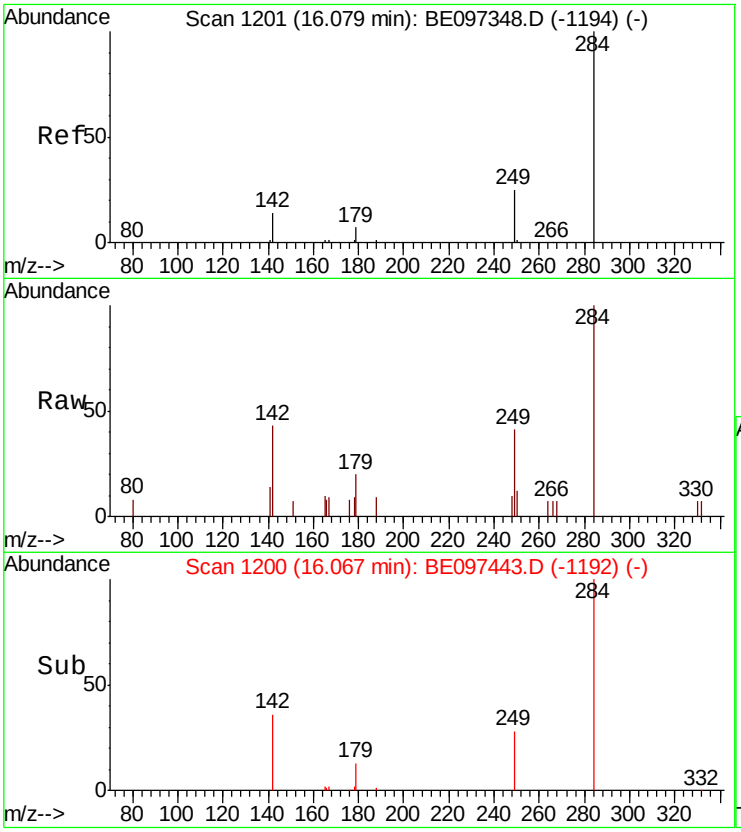


#20
4-Bromophenyl-phenylether
Concen: 0.339 ng
RT: 15.96 min Scan# 1191
Delta R.T. -0.00 min
Lab File: BE097443.D
Acq: 10 Sep 2018 11:31

Tgt Ion:248 Resp: 870

Ion	Ratio	Lower	Upper
248	100		
250	95.4	62.7	94.1#
141	69.1	48.2	72.2



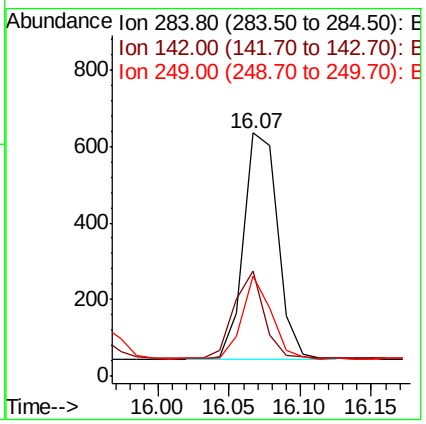


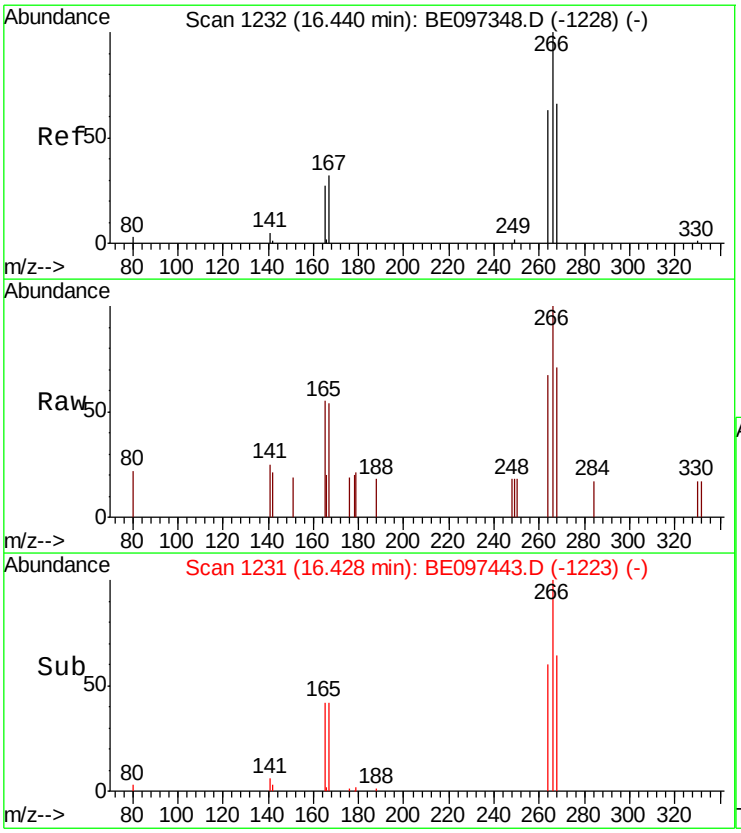
#21
Hexachlorobenzene
Concen: 0.345 ng
RT: 16.07 min Scan# 1200
Delta R.T. -0.01 min
Lab File: BE097443.D
Acq: 10 Sep 2018 11:31

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:284 Resp: 980

Ion	Ratio	Lower	Upper
284	100		
142	34.0	22.1	33.1#
249	30.9	34.8	52.2#

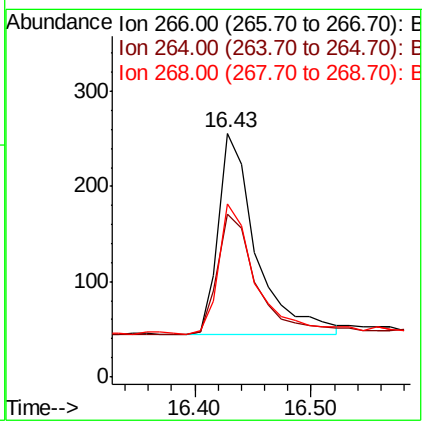


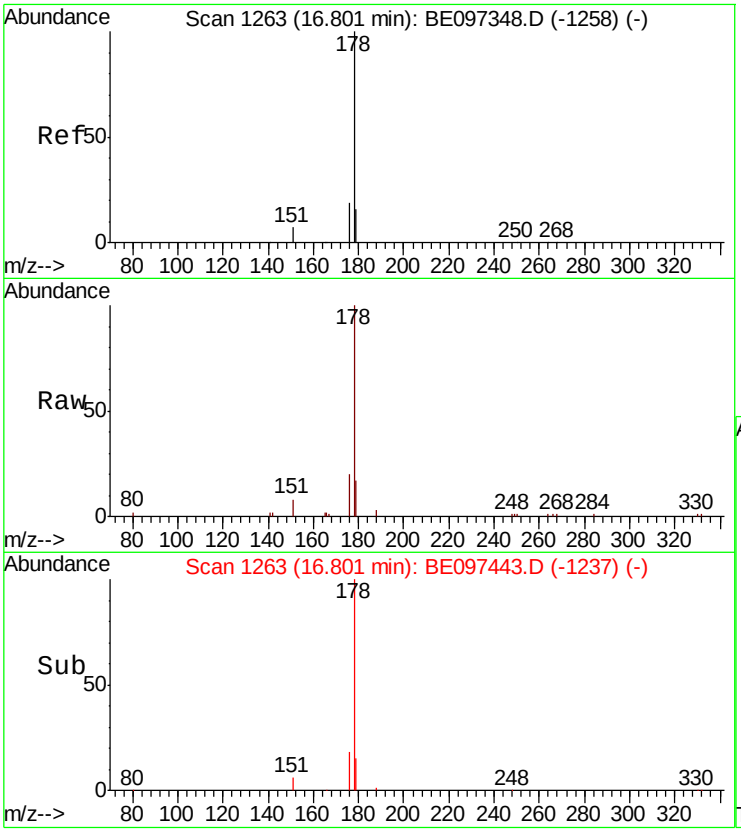


#22
Pentachlorophenol
Concen: 0.640 ng
RT: 16.43 min Scan# 1231
Delta R.T. -0.01 min
Lab File: BE097443.D
Acq: 10 Sep 2018 11:31

Tgt Ion:266 Resp: 482

Ion	Ratio	Lower	Upper
266	100		
264	66.8	72.5	108.7#
268	71.1	73.8	110.6#



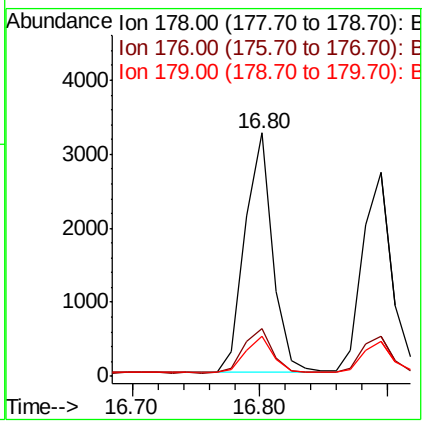


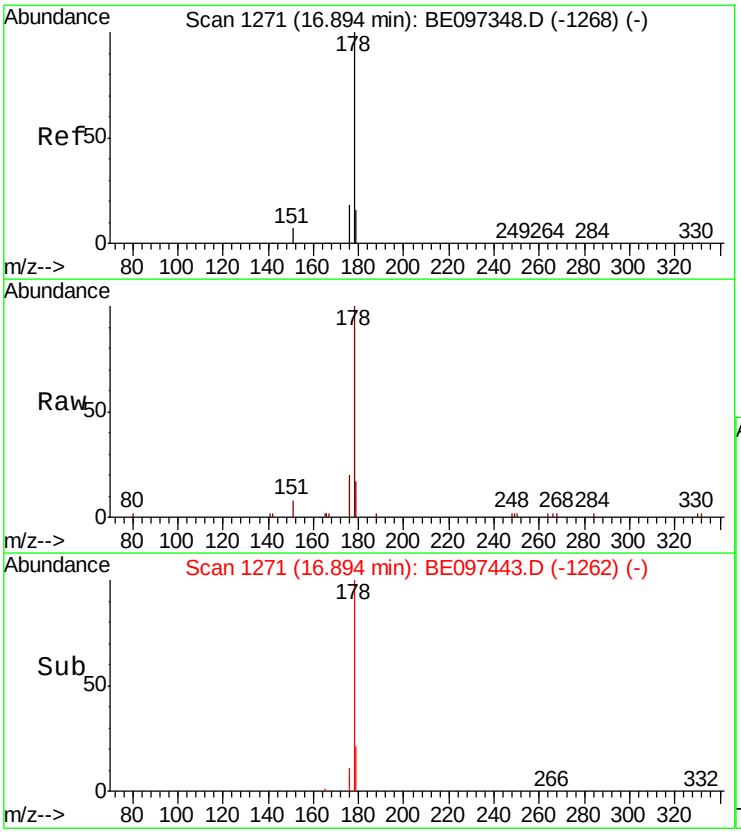
#23
Phenanthrene
Concen: 0.365 ng
RT: 16.80 min Scan# 1263
Delta R.T. -0.00 min
Lab File: BE097443.D
Acq: 10 Sep 2018 11:31

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:178 Resp: 4907

Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.1	22.7
179	15.6	11.8	17.6

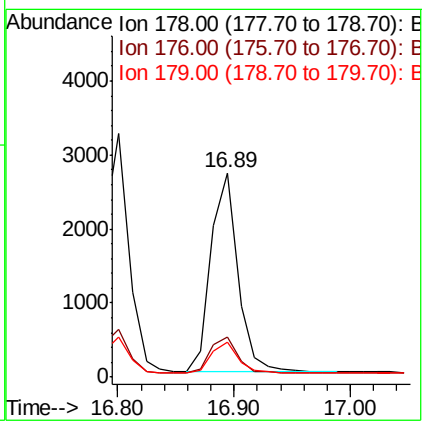


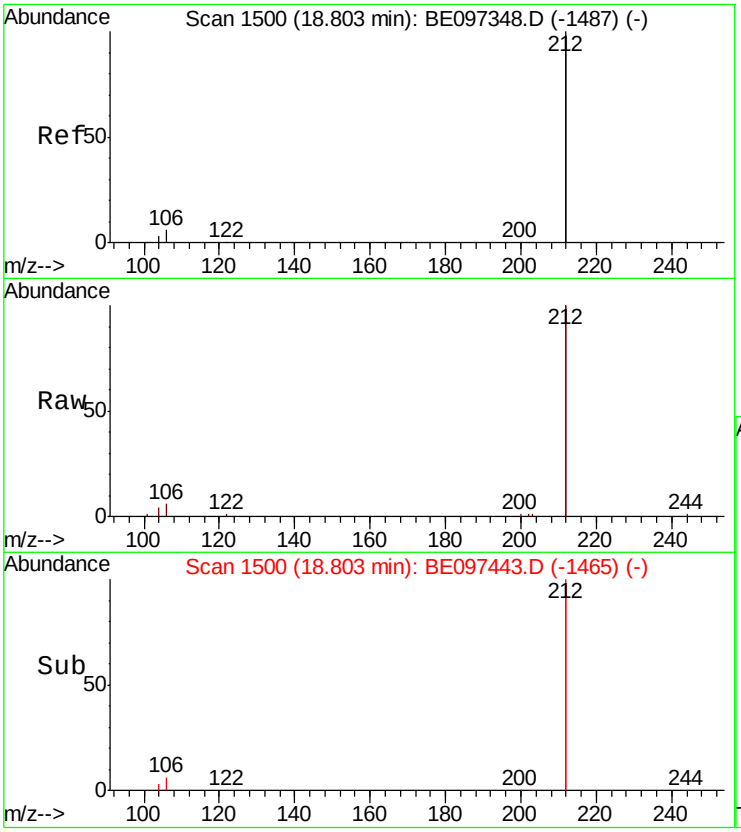


#24
Anthracene
Concen: 0.377 ng
RT: 16.89 min Scan# 1271
Delta R.T. -0.00 min
Lab File: BE097443.D
Acq: 10 Sep 2018 11:31

Tgt Ion:178 Resp: 4304

Ion	Ratio	Lower	Upper
178	100		
176	19.3	12.8	19.2#
179	15.4	13.0	19.6



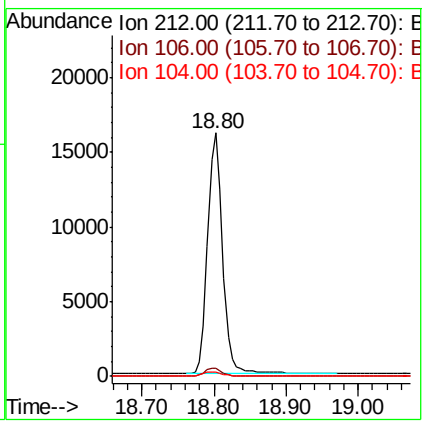


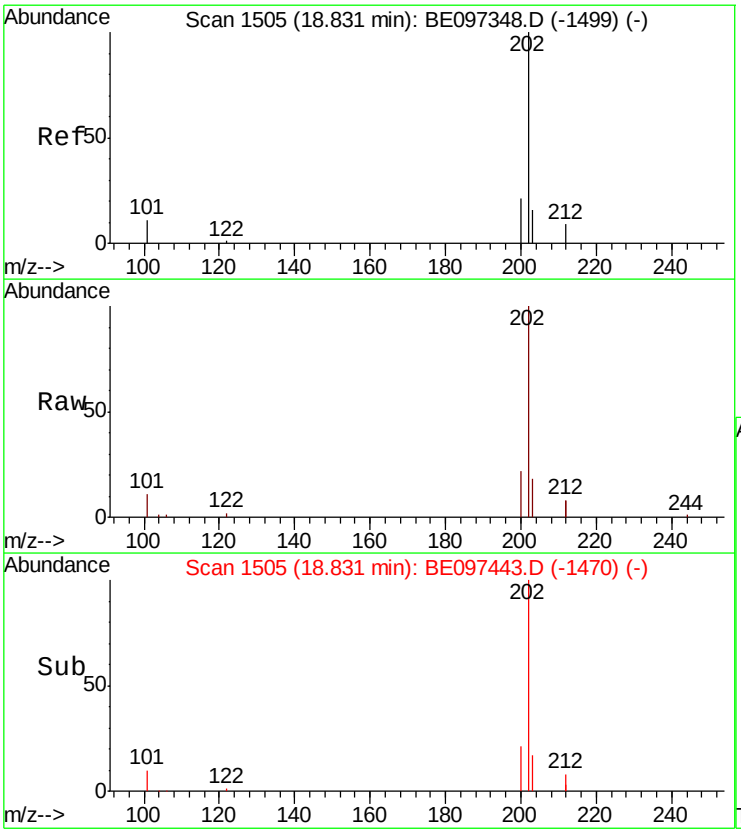
#25
Fluoranthene-d10
Concen: 0.361 ng
RT: 18.80 min Scan# 1500
Delta R.T. -0.00 min
Lab File: BE097443.D
Acq: 10 Sep 2018 11:31

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:212 Resp: 23346

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

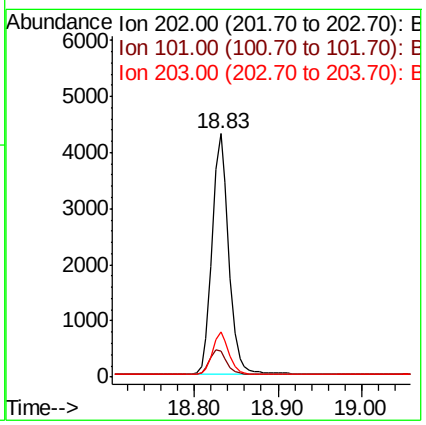


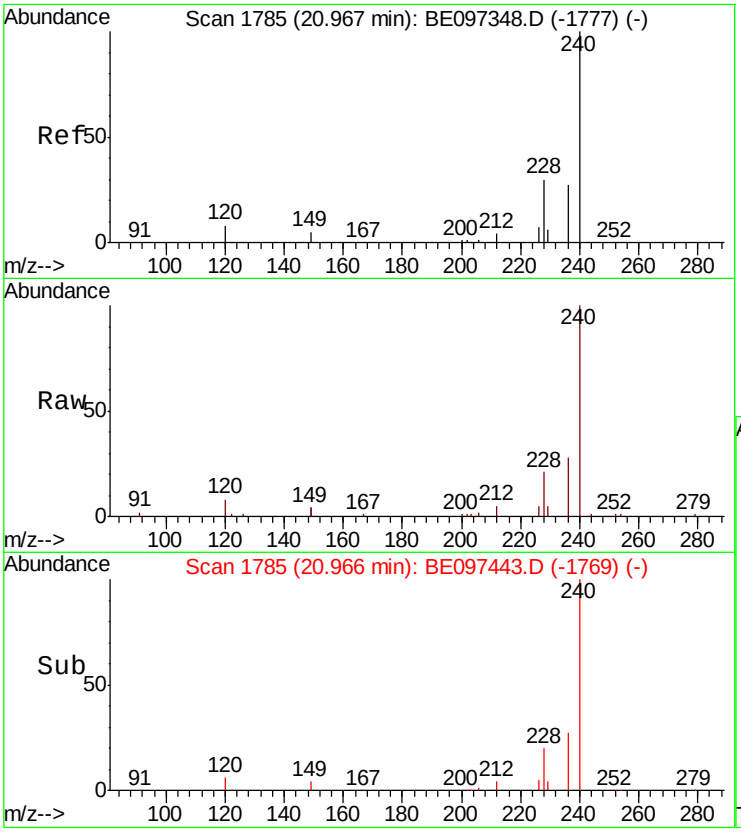


#26
Fluoranthene
Concen: 0.355 ng
RT: 18.83 min Scan# 1505
Delta R.T. -0.00 min
Lab File: BE097443.D
Acq: 10 Sep 2018 11:31

Tgt Ion:202 Resp: 5974

Ion	Ratio	Lower	Upper
202	100		
101	10.8	9.8	14.8
203	17.0	13.7	20.5



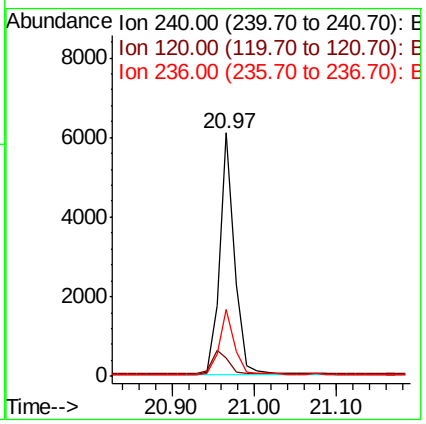


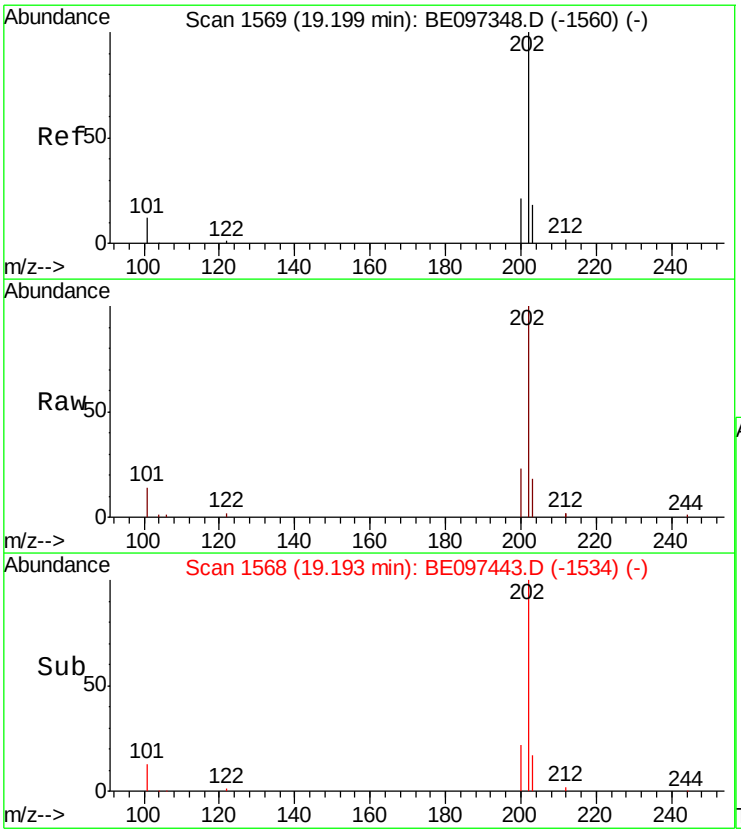
#27
Chrysene-d12
Concen: 0.400 ng
RT: 20.97 min Scan# 1785
Delta R.T. -0.00 min
Lab File: BE097443.D
Acq: 10 Sep 2018 11:31

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:240 Resp: 7719

Ion	Ratio	Lower	Upper
240	100		
120	7.6	5.5	8.3
236	27.7	20.7	31.1

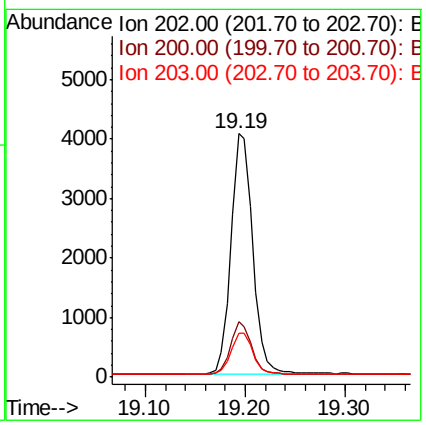


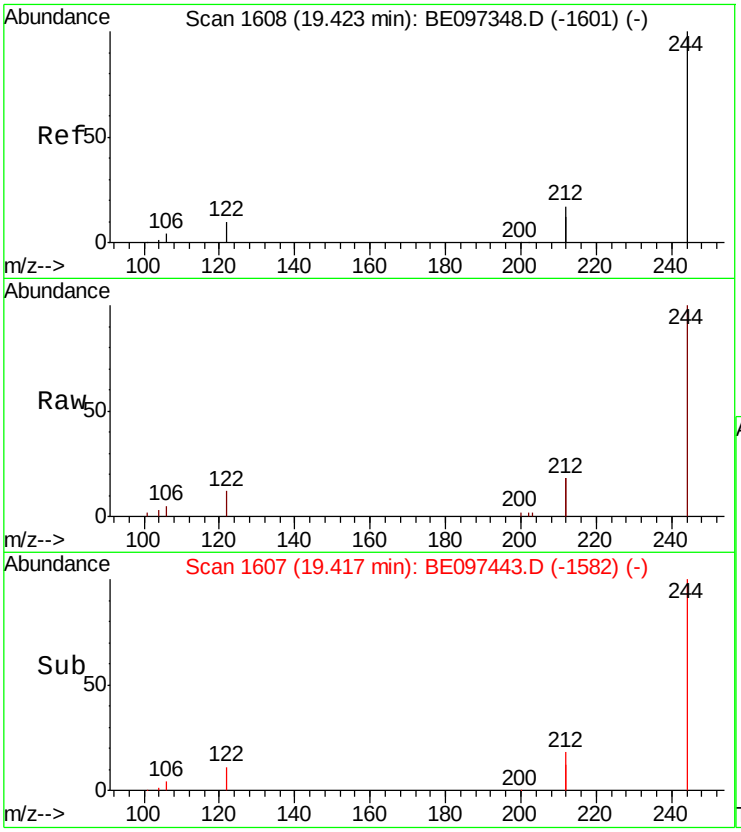


#28
Pyrene
Concen: 0.332 ng
RT: 19.19 min Scan# 1568
Delta R.T. -0.01 min
Lab File: BE097443.D
Acq: 10 Sep 2018 11:31

Tgt Ion:202 Resp: 6093

Ion	Ratio	Lower	Upper
202	100		
200	21.1	16.6	25.0
203	17.8	13.8	20.8



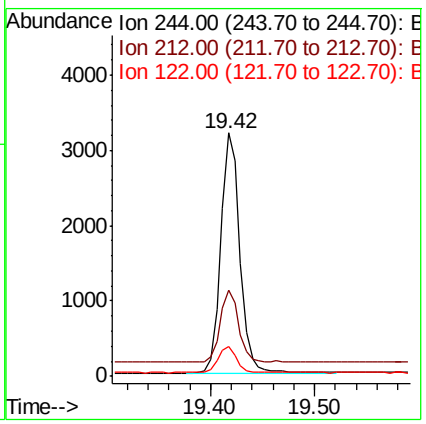


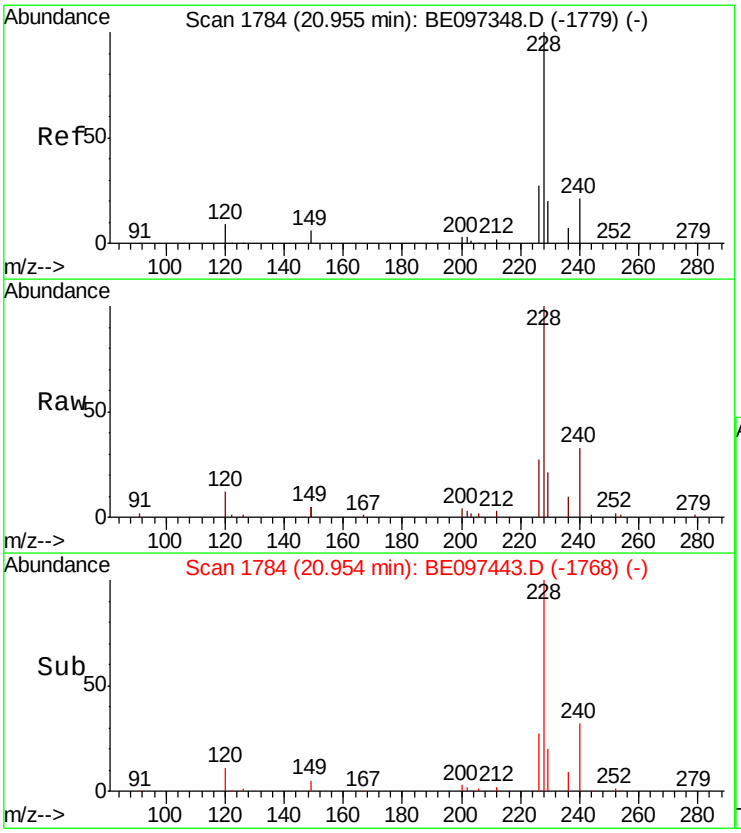
#29
Terphenyl-d14
Concen: 0.284 ng
RT: 19.42 min Scan# 1607
Delta R.T. -0.01 min
Lab File: BE097443.D
Acq: 10 Sep 2018 11:31

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:244 Resp: 4050

Ion	Ratio	Lower	Upper
244	100		
212	35.1	25.4	38.0
122	12.0	8.1	12.1

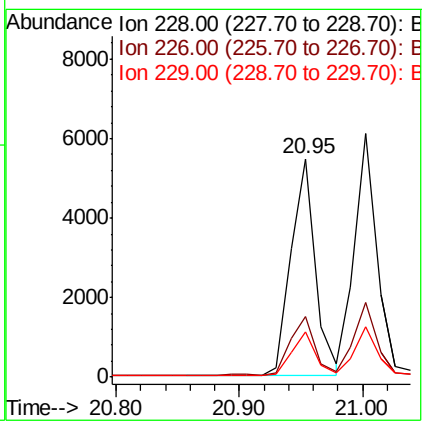


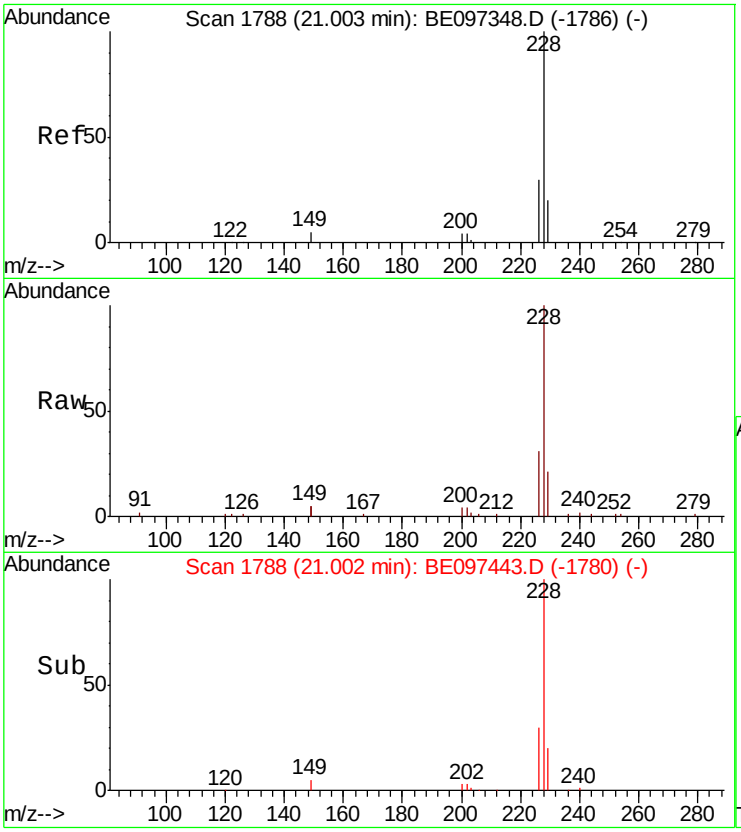


#30
Benzo(a)anthracene
Concen: 0.385 ng
RT: 20.95 min Scan# 1784
Delta R.T. -0.00 min
Lab File: BE097443.D
Acq: 10 Sep 2018 11:31

Tgt Ion:228 Resp: 7513

Ion	Ratio	Lower	Upper
228	100		
226	27.5	24.0	36.0
229	20.6	16.0	24.0



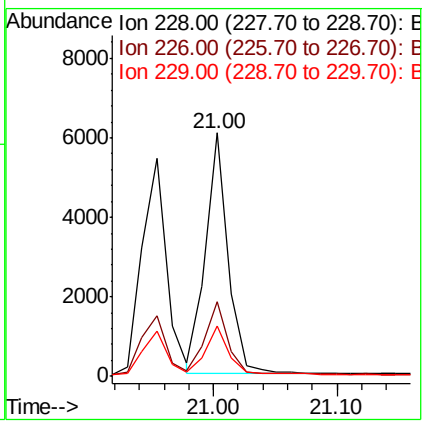


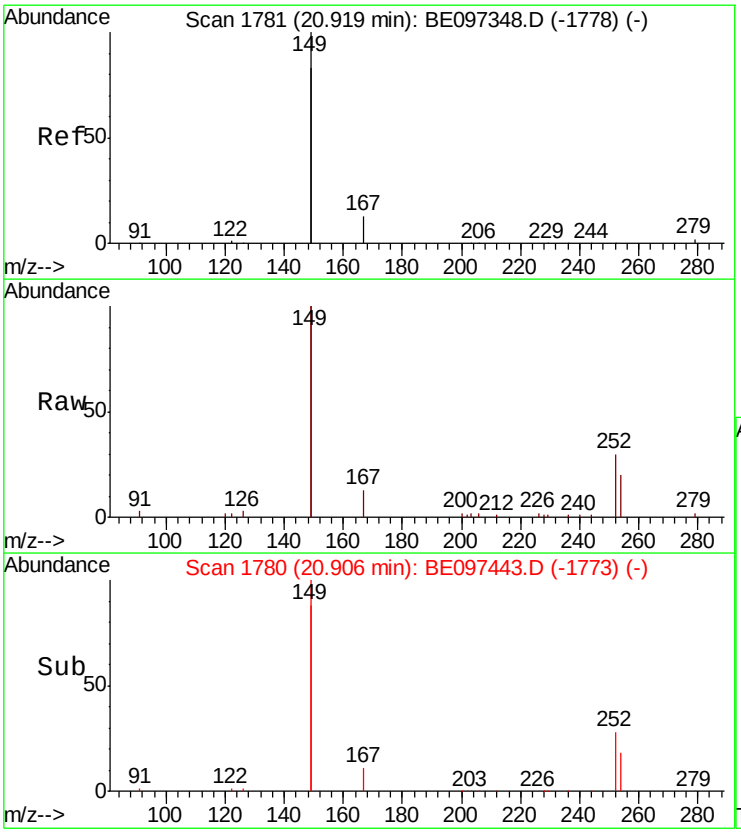
#31
Chrysene
Concen: 0.366 ng
RT: 21.00 min Scan# 1788
Delta R.T. -0.00 min
Lab File: BE097443.D
Acq: 10 Sep 2018 11:31

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:228 Resp: 7695

Ion	Ratio	Lower	Upper
228	100		
226	30.9	24.0	36.0
229	20.5	16.0	24.0

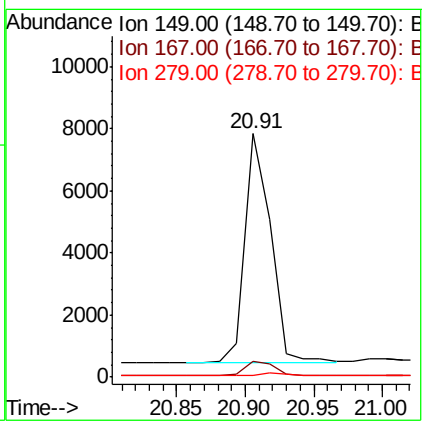


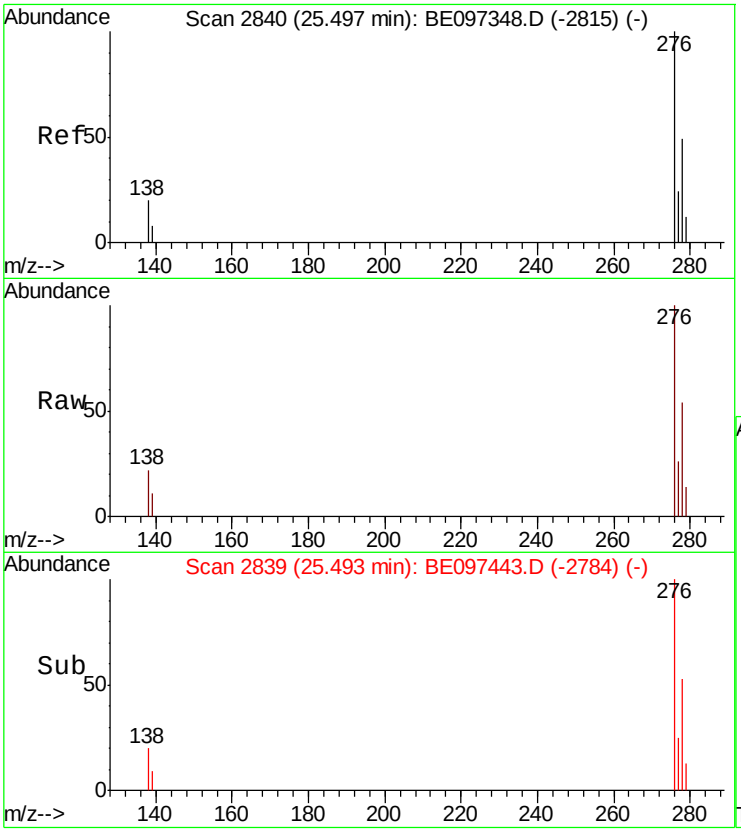


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.428 ng
RT: 20.91 min Scan# 1780
Delta R.T. -0.01 min
Lab File: BE097443.D
Acq: 10 Sep 2018 11:31

Tgt Ion:149 Resp: 9570

Ion	Ratio	Lower	Upper
149	100		
167	6.5	5.4	8.0
279	1.0	0.7	1.1



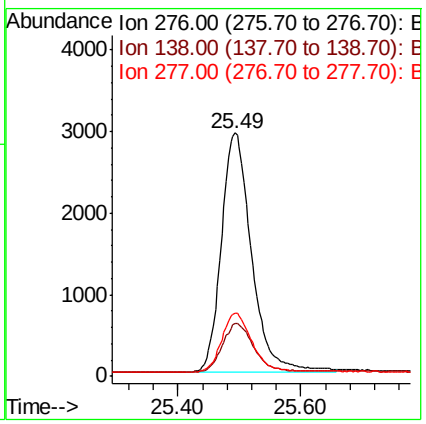


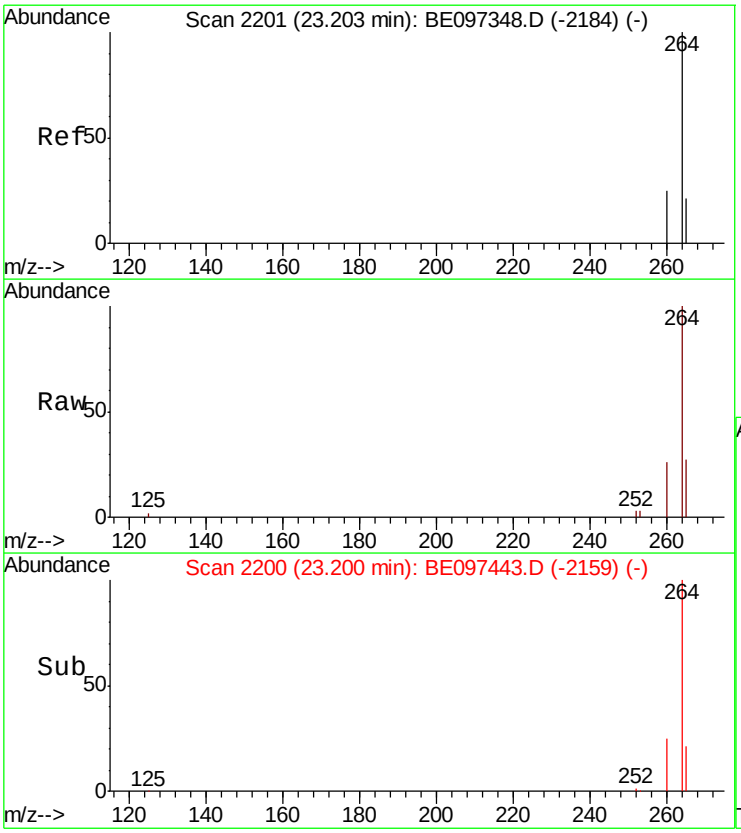
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.377 ng
RT: 25.49 min Scan# 2839
Delta R.T. -0.00 min
Lab File: BE097443.D
Acq: 10 Sep 2018 11:31

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 10050

Ion	Ratio	Lower	Upper
276	100		
138	20.7	22.5	33.7#
277	24.6	19.9	29.9

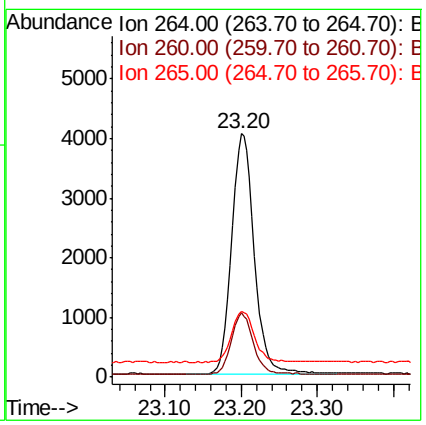


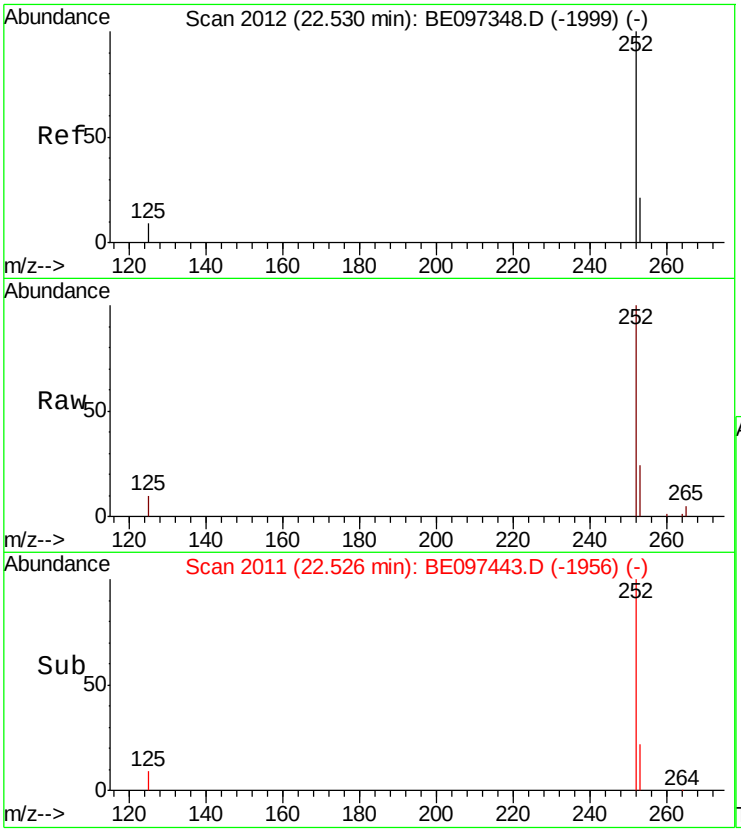


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.20 min Scan# 2200
Delta R.T. -0.00 min
Lab File: BE097443.D
Acq: 10 Sep 2018 11:31

Tgt Ion:264 Resp: 8372

Ion	Ratio	Lower	Upper
264	100		
260	26.3	20.5	30.7
265	26.8	22.8	34.2



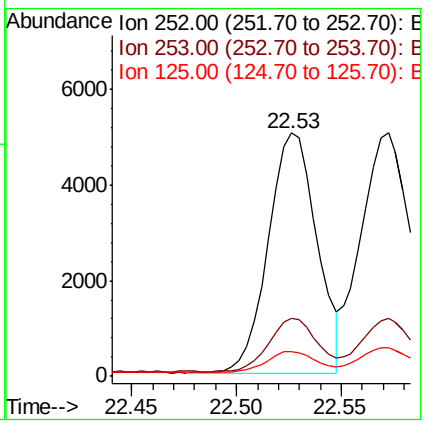


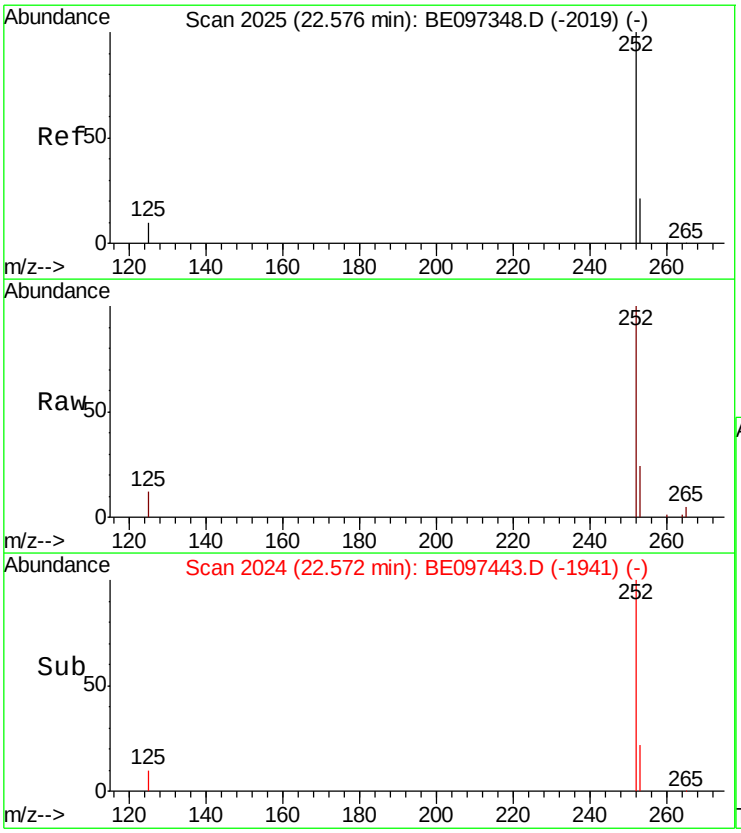
#35
Benzo(b)fluoranthene
Concen: 0.362 ng
RT: 22.53 min Scan# 2011
Delta R.T. -0.00 min
Lab File: BE097443.D
Acq: 10 Sep 2018 11:31

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 8076

Ion	Ratio	Lower	Upper
252	100		
253	24.1	20.0	30.0
125	10.4	16.0	24.0#

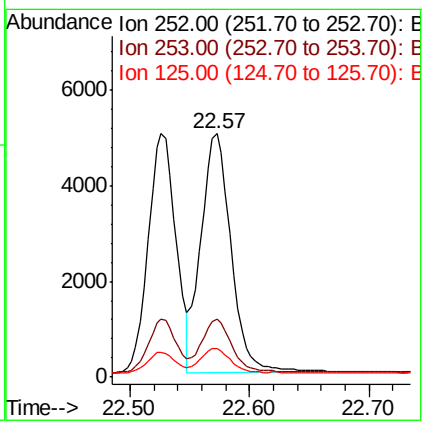


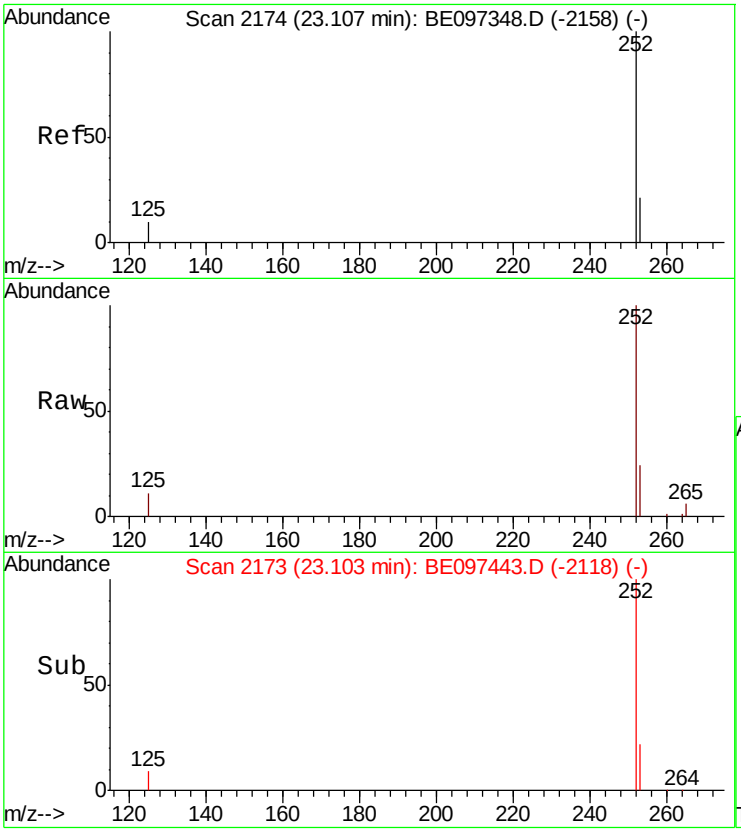


#36
Benzo(k)fluoranthene
Concen: 0.354 ng
RT: 22.57 min Scan# 2024
Delta R.T. -0.00 min
Lab File: BE097443.D
Acq: 10 Sep 2018 11:31

Tgt Ion:252 Resp: 8734

Ion	Ratio	Lower	Upper
252	100		
253	23.8	16.0	24.0
125	11.8	8.0	12.0



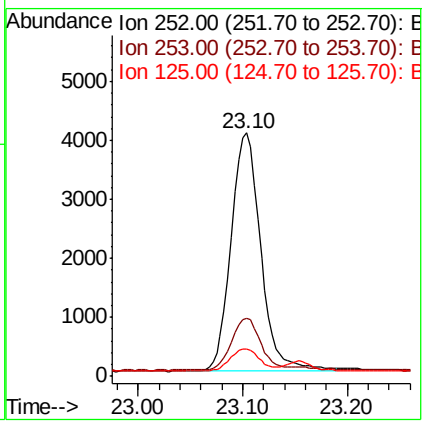


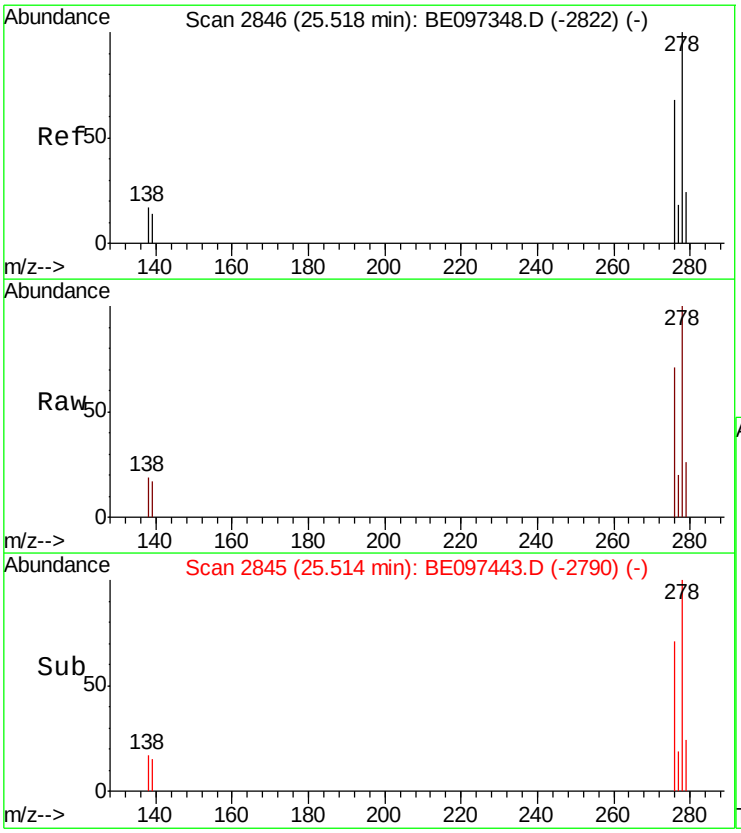
#37
Benzo(a)pyrene
Concen: 0.369 ng
RT: 23.10 min Scan# 2173
Delta R.T. -0.00 min
Lab File: BE097443.D
Acq: 10 Sep 2018 11:31

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 7979

Ion	Ratio	Lower	Upper
252	100		
253	24.0	16.0	24.0#
125	11.5	12.0	18.0#

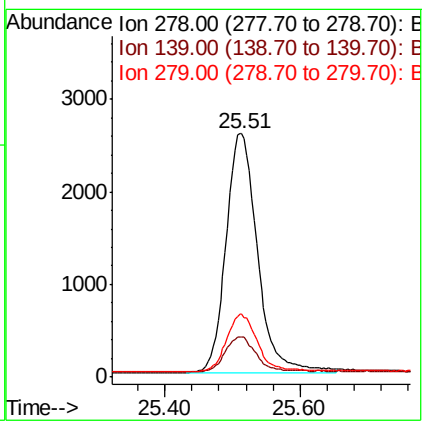


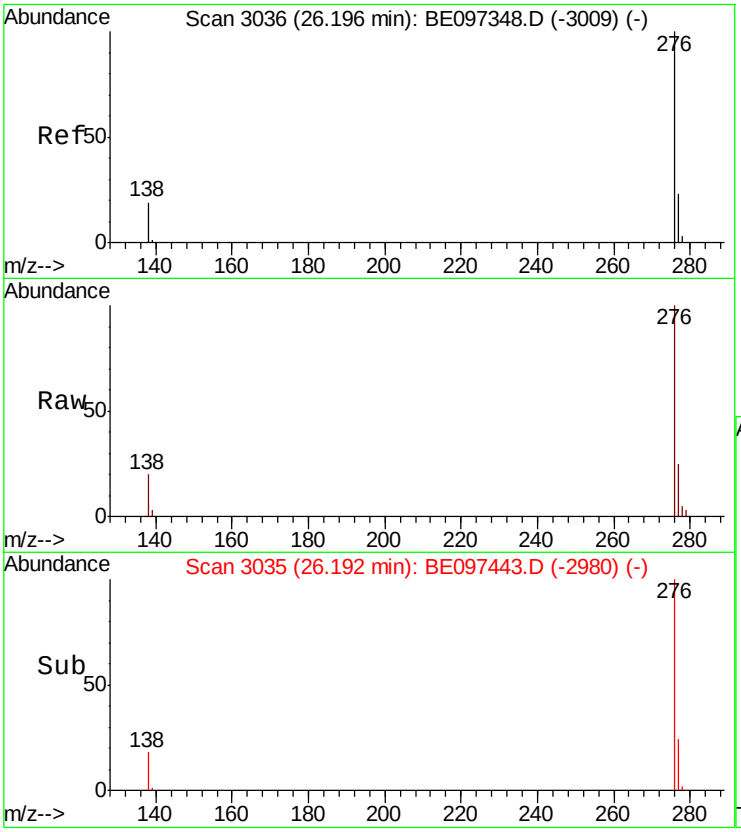


#38
Dibenzo(a,h)anthracene
Concen: 0.321 ng
RT: 25.51 min Scan# 2845
Delta R.T. -0.00 min
Lab File: BE097443.D
Acq: 10 Sep 2018 11:31

Tgt Ion:278 Resp: 8348

Ion	Ratio	Lower	Upper
278	100		
139	16.5	16.0	24.0
279	26.1	20.0	30.0





#39
Benzo(g,h,i)perylene
Concen: 0.316 ng
RT: 26.19 min Scan# 3035
Delta R.T. -0.00 min
Lab File: BE097443.D
Acq: 10 Sep 2018 11:31

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 8521

Ion	Ratio	Lower	Upper
276	100		
277	25.3	16.0	24.0#
138	19.8	20.0	30.0#