Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE082818\
Data File : BE097379.D
Acq On : 28 Aug 2018 17:30
Operator : SJ/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId :

Quant Time: Aug 28 18:59:13 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	757	0.40	ng		0.00
7) Naphthalene-d8	10.13	136	3486	0.40	ng		0.00
13) Acenaphthene-d10	14.00	164	1882	0.40	ng		-0.01
19) Phenanthrene-d10	16.75	188	5464	0.40	ng		-0.01
27) Chrysene-d12	20.97	240	6614	0.40	ng		0.00
34) Perylene-d12	23.21	264	6080	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.04	112	820	0.37	ng		-0.01
5) Phenol-d6	6.58	99	1023	0.34	ng		-0.01
8) Nitrobenzene-d5	8.52	82	997	0.40	ng		0.00
11) 2-Methylnaphthalene-d10	11.72	152	1984	0.41	ng		0.00
14) 2,4,6-Tribromophenol	15.52	330	233	0.37	ng		0.00
15) 2-Fluorobiphenyl	12.62	172	2957	0.43	ng		0.00
25) Fluoranthene-d10	18.80	212	25401	0.41	ng		0.00
29) Terphenyl-d14	19.42	244	5161	0.42	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.08	88	612	0.455	ng	#	83
3) n-Nitrosodimethylamine	3.37	42	482	0.383	ng		99
6) bis(2-Chloroethyl)ether	6.83	93	1034	0.375	ng		98
9) Naphthalene	10.19	128	13433	0.423	ng		99
10) Hexachlorobutadiene	10.47	225	596	0.420	ng		97
12) 2-Methylnaphthalene	11.80	142	2021	0.404	ng		99
16) Acenaphthylene	13.73	152	3045	0.407	ng		99
17) Acenaphthene	14.07	154	2116	0.424	ng		95
18) Fluorene	15.06	166	2655	0.420	ng	#	80
20) 4-Bromophenyl-phenylether	15.96	248	1018	0.410	ng	#	82
21) Hexachlorobenzene	16.08	284	1180	0.430	ng	#	83
22) Pentachlorophenol	16.44	266	241	0.428	ng	#	78
23) Phenanthrene	16.80	178	5458	0.420	ng		98
24) Anthracene	16.89	178	4389	0.397	ng		96
26) Fluoranthene	18.83	202	6688	0.410	ng		98
28) Pyrene	19.20	202	6791	0.431	ng		99
30) Benzo(a)anthracene	20.95	228	6170	0.369	ng		97
31) Chrysene	21.00	228	7611	0.423	ng		98
32) Bis(2-ethylhexyl)phthalate	20.91	149	6285	0.349	ng		100
33) Indeno(1,2,3-cd)pyrene	25.50	276	7381	0.310	ng	#	93
35) Benzo(b)fluoranthene	22.53	252	6253	0.385	ng	#	89
36) Benzo(k)fluoranthene	22.58	252	7396	0.409	ng		95
37) Benzo(a)pyrene	23.11	252	5937	0.379	ng		92
38) Dibenzo(a,h)anthracene	25.52	278	6260	0.333	ng	#	95
39) Benzo(g,h,i)perylene	26.20	276	6449	0.331	ng	#	90

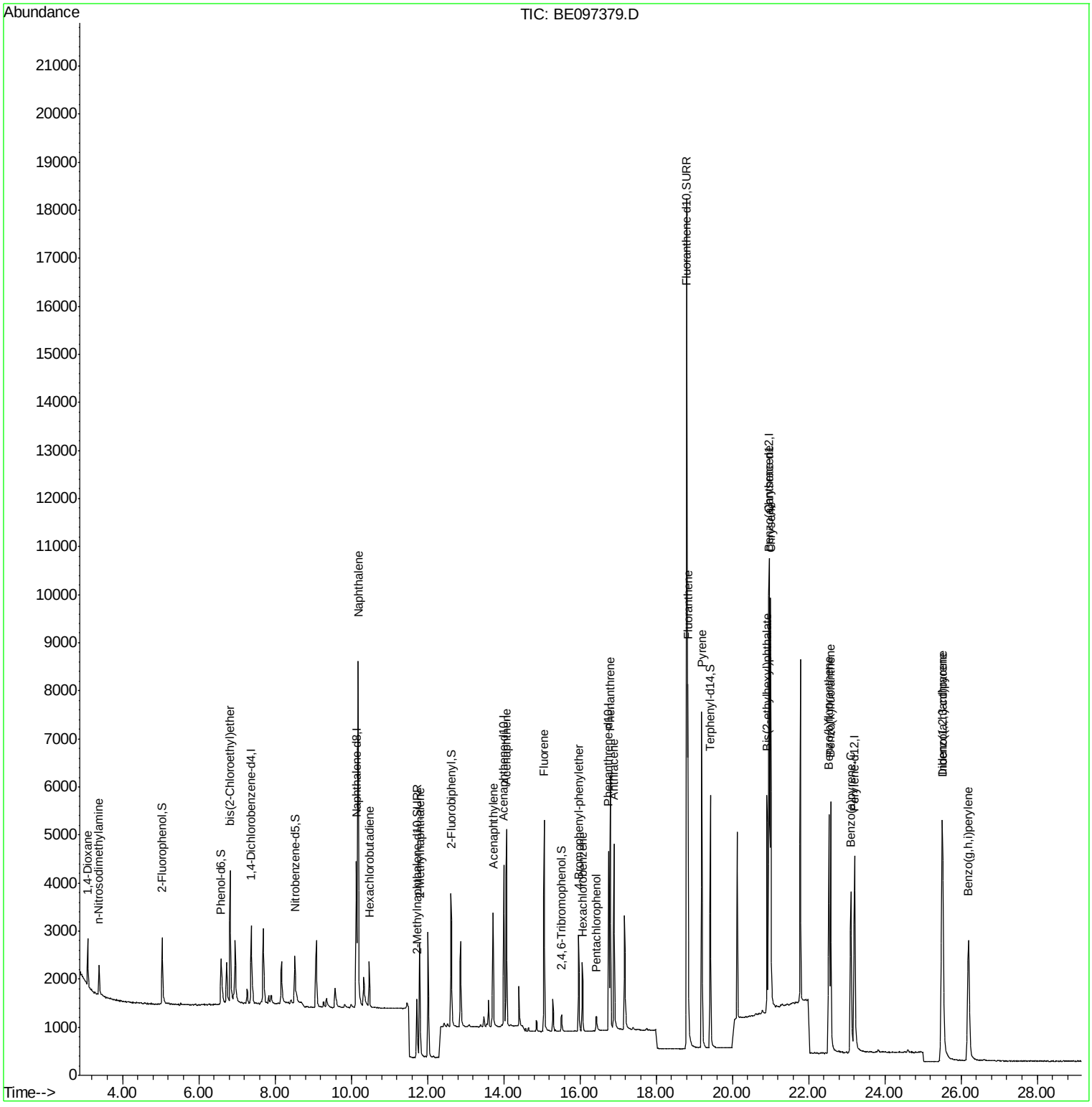
(#) = qualifier out of range (m) = manual integration (+) = signals summed

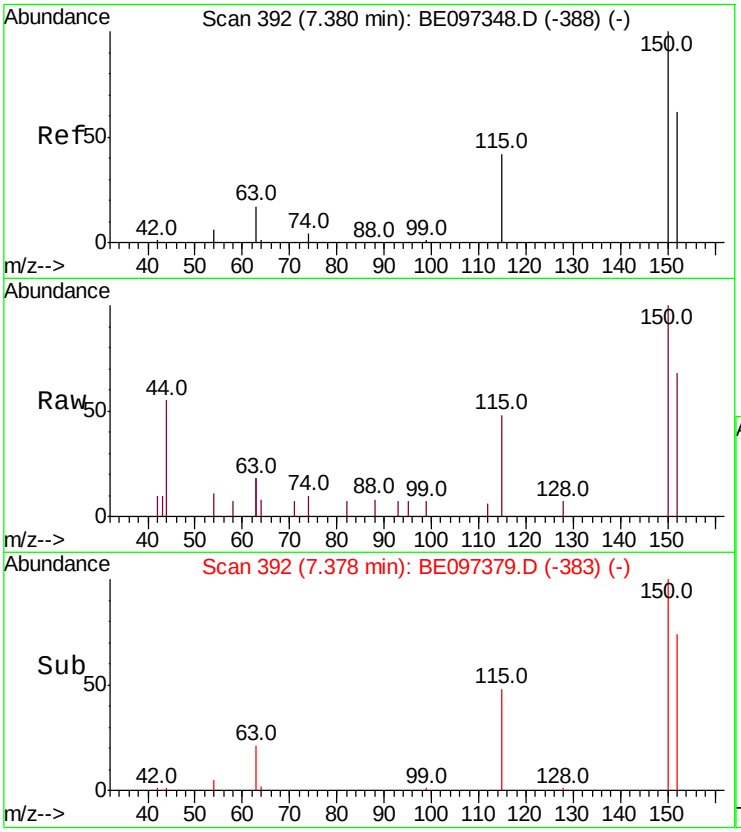
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE082818\
Data File : BE097379.D
Acq On : 28 Aug 2018 17:30
Operator : SJ/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :

Quant Time: Aug 28 18:59:13 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



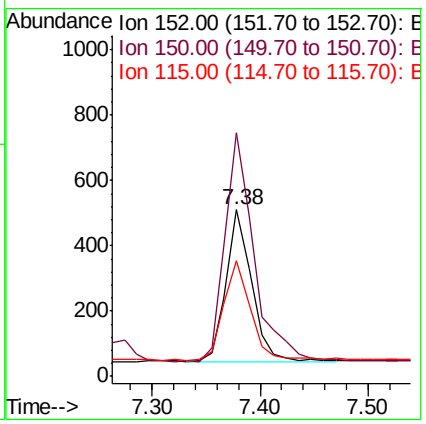


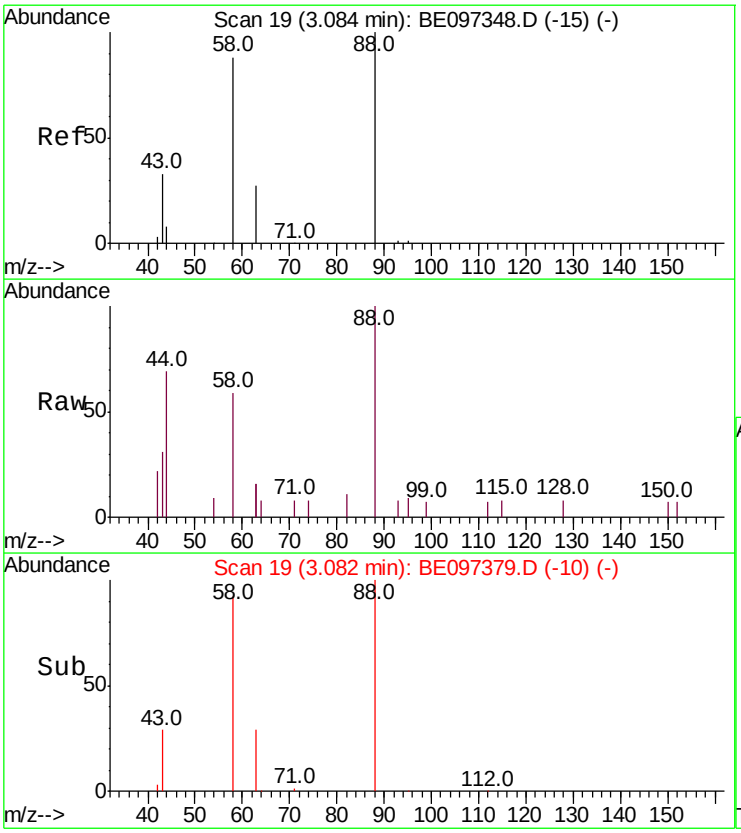
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.38 min Scan# 392
Delta R.T. -0.00 min
Lab File: BE097379.D
Acq: 28 Aug 2018 17:30

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 757

Ion	Ratio	Lower	Upper
152	100		
150	146.0	117.2	175.8
115	69.7	57.0	85.6

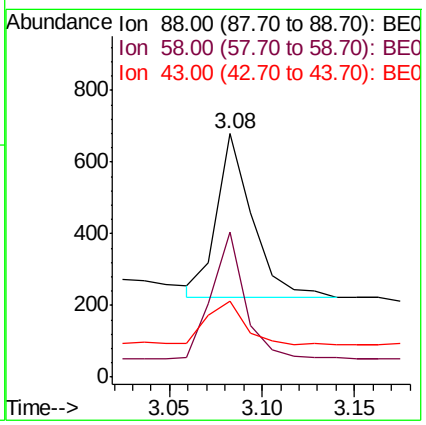


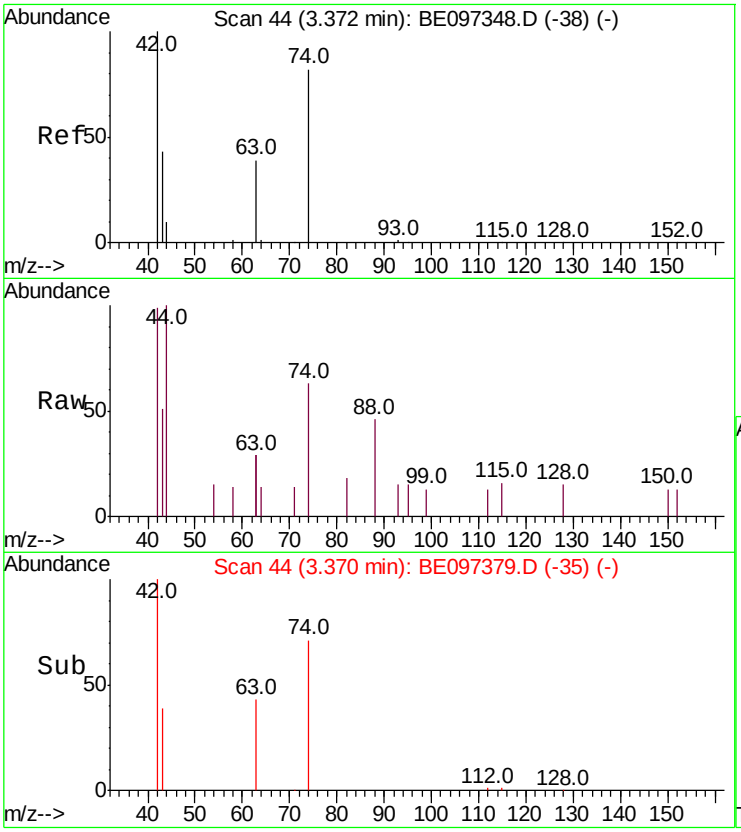


#2
1,4-Dioxane
Concen: 0.455 ng
RT: 3.08 min Scan# 19
Delta R.T. -0.00 min
Lab File: BE097379.D
Acq: 28 Aug 2018 17:30

Tgt Ion: 88 Resp: 612

Ion	Ratio	Lower	Upper
88	100		
58	73.9	63.2	94.8
43	28.1	41.2	61.8#

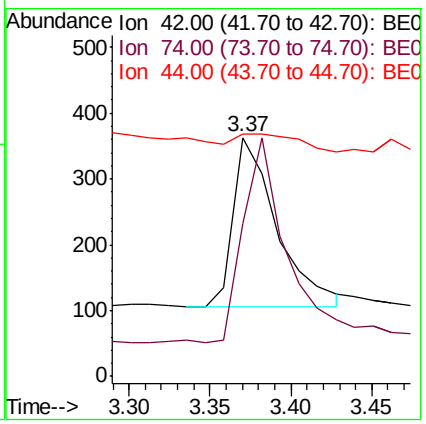




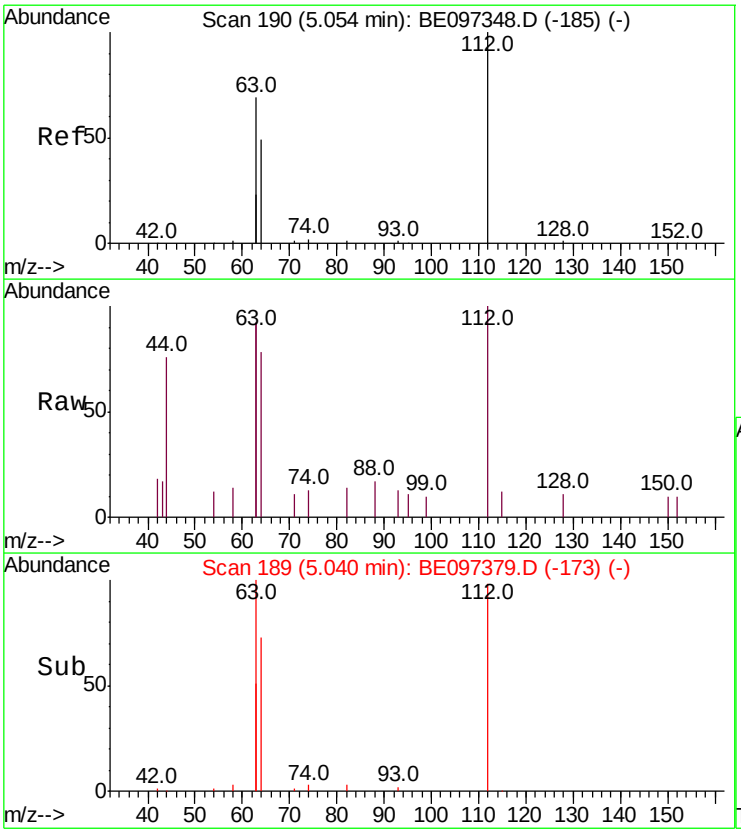
#3
n-Nitrosodimethylamine
Concen: 0.383 ng
RT: 3.37 min Scan# 44
Delta R.T. -0.00 min
Lab File: BE097379.D
Acq: 28 Aug 2018 17:30

Tgt Ion: 42 Resp: 482

Ion	Ratio	Lower	Upper
42	100		
74	121.0	96.0	144.0
44	13.9	12.0	18.0



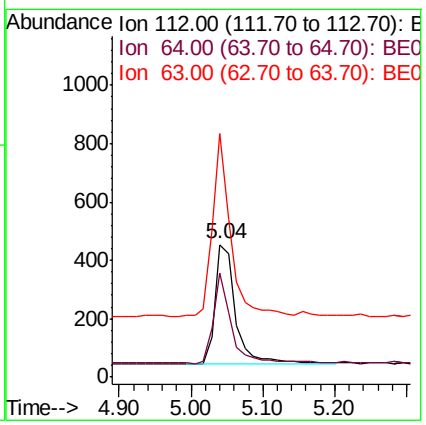
Instrument :
BNA_E
ClientSampleId :

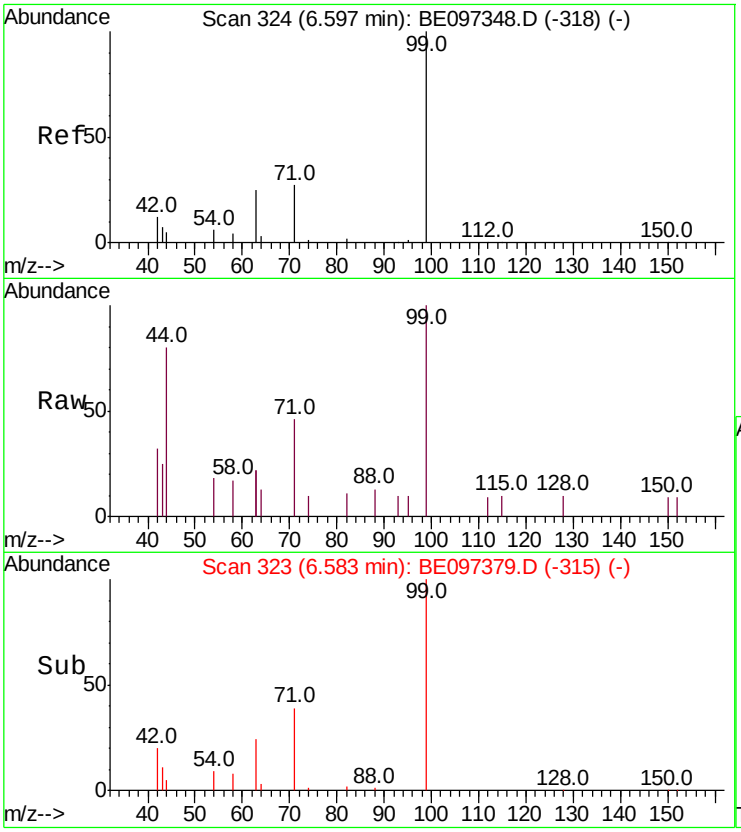


#4
2-Fluorophenol
Concen: 0.366 ng
RT: 5.04 min Scan# 189
Delta R.T. -0.01 min
Lab File: BE097379.D
Acq: 28 Aug 2018 17:30

Tgt Ion:112 Resp: 820

Ion	Ratio	Lower	Upper
112	100		
64	62.6	60.1	90.1
63	131.6	116.8	175.2



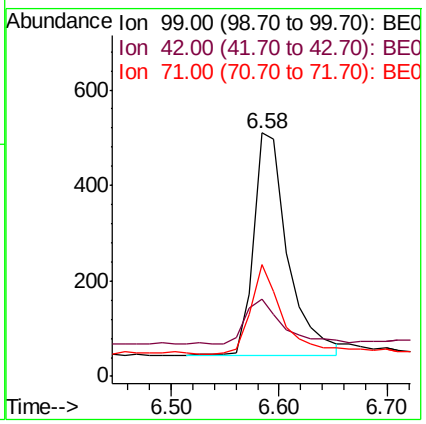


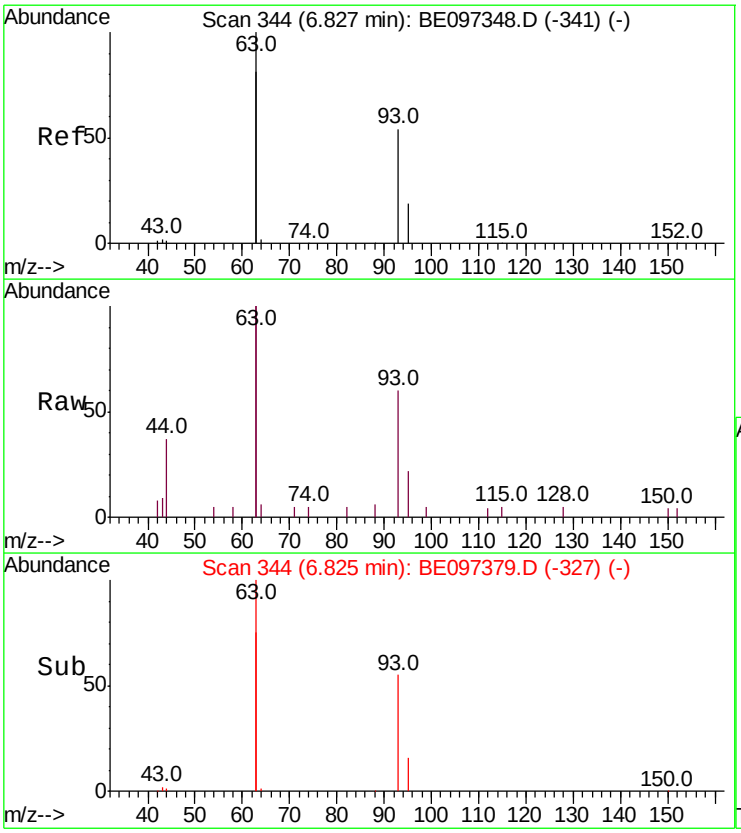
#5
Phenol-d6
Concen: 0.342 ng
RT: 6.58 min Scan# 323
Delta R.T. -0.01 min
Lab File: BE097379.D
Acq: 28 Aug 2018 17:30

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 99 Resp: 1023

Ion	Ratio	Lower	Upper
99	100		
42	21.8	20.2	30.2
71	36.4	28.4	42.6

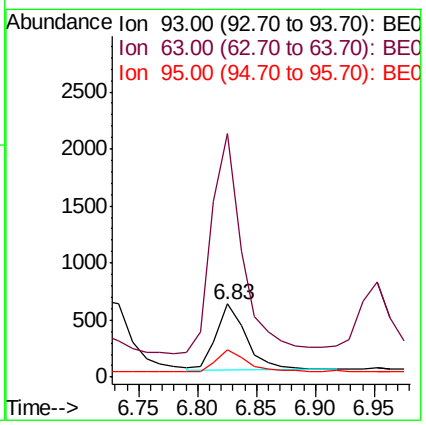


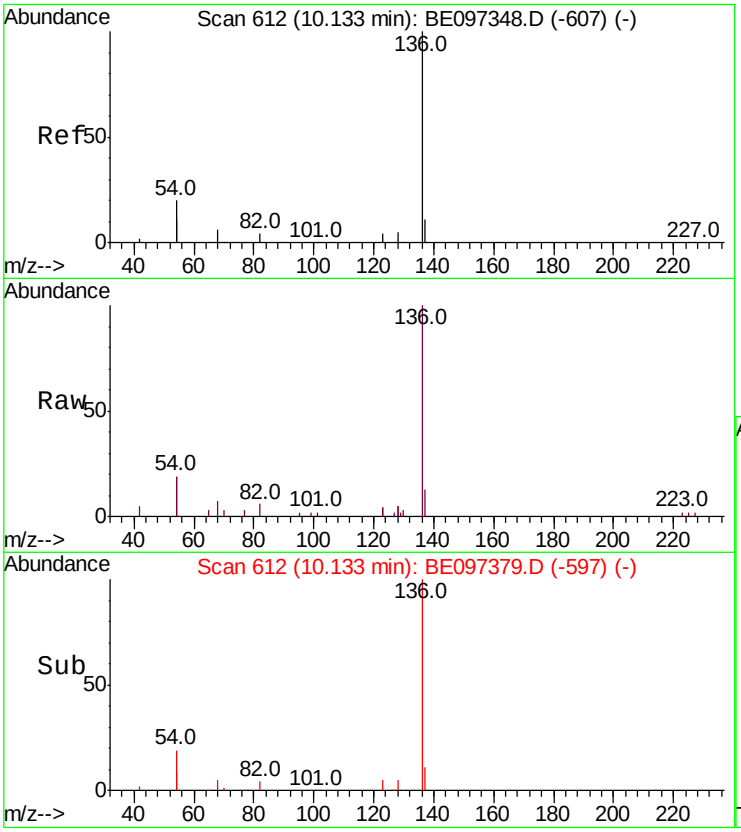


#6
bis(2-Chloroethyl)ether
Concen: 0.375 ng
RT: 6.83 min Scan# 344
Delta R.T. -0.00 min
Lab File: BE097379.D
Acq: 28 Aug 2018 17:30

Tgt Ion: 93 Resp: 1034

Ion	Ratio	Lower	Upper
93	100		
63	340.3	275.3	412.9
95	32.8	25.2	37.8



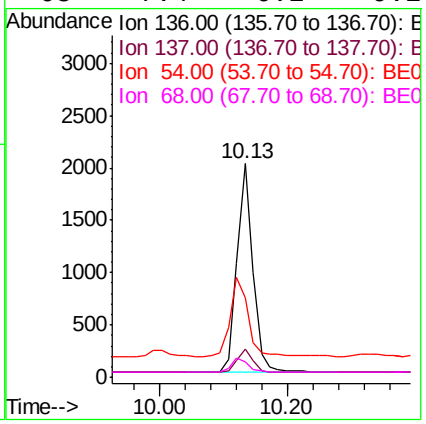


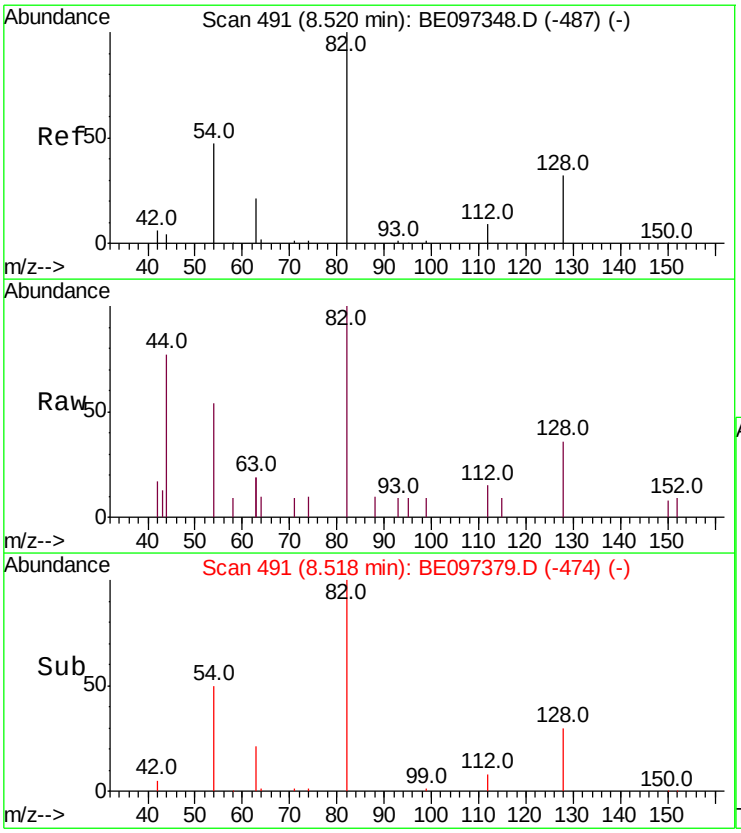
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.13 min Scan# 612
Delta R.T. 0.00 min
Lab File: BE097379.D
Acq: 28 Aug 2018 17:30

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:136 Resp: 3486

Ion	Ratio	Lower	Upper
136	100		
137	13.1	9.5	14.3
54	37.3	29.1	43.7
68	7.4	6.2	9.2

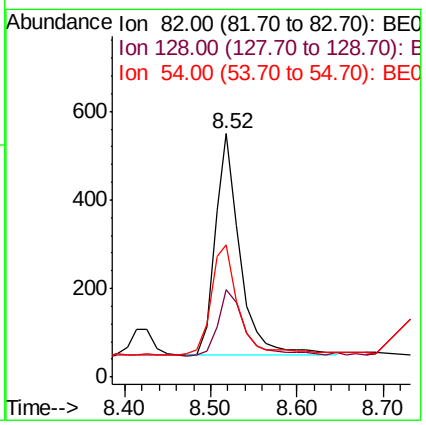


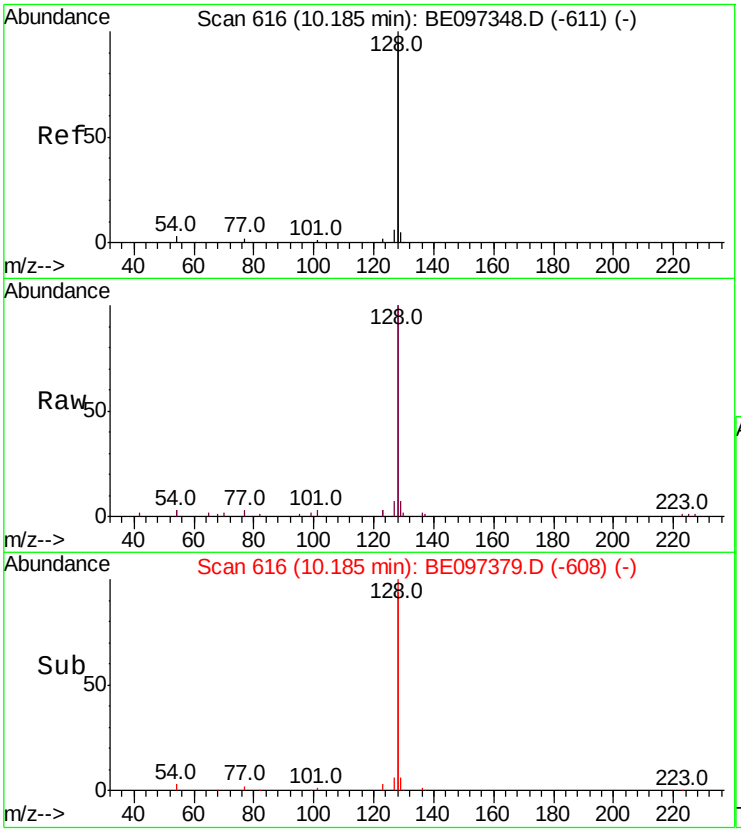


#8
Nitrobenzene-d5
Concen: 0.399 ng
RT: 8.52 min Scan# 491
Delta R.T. -0.00 min
Lab File: BE097379.D
Acq: 28 Aug 2018 17:30

Tgt Ion: 82 Resp: 997

Ion	Ratio	Lower	Upper
82	100		
128	36.0	24.0	36.0#
54	54.4	40.0	60.0



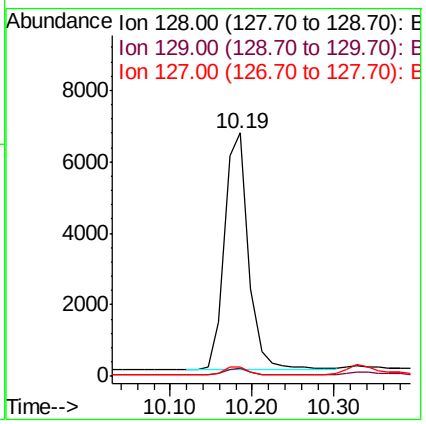


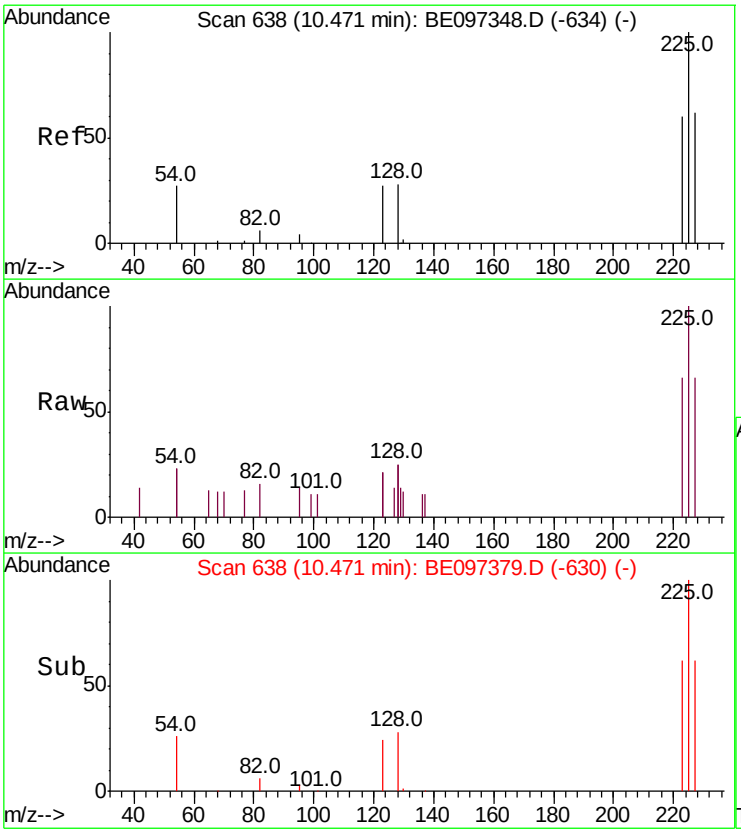
#9
Naphthalene
Concen: 0.423 ng
RT: 10.19 min Scan# 616
Delta R.T. 0.00 min
Lab File: BE097379.D
Acq: 28 Aug 2018 17:30

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:128 Resp: 13433

Ion	Ratio	Lower	Upper
128	100		
129	3.5	2.6	3.8
127	3.7	2.8	4.2

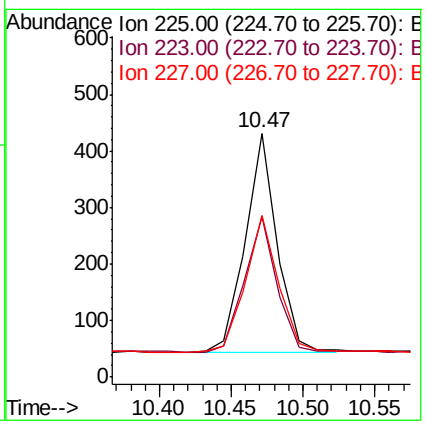


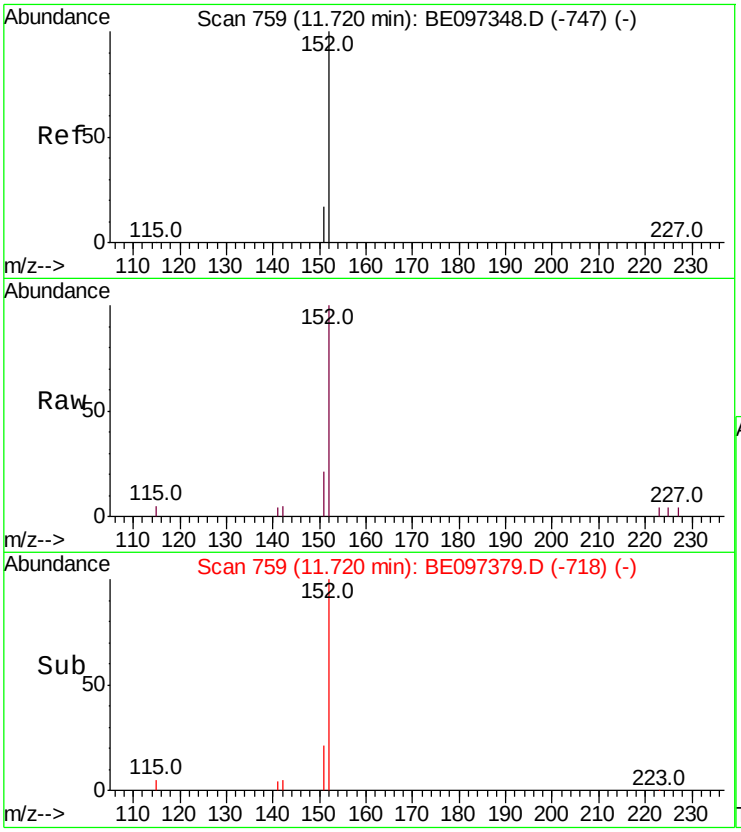


#10
Hexachlorobutadiene
Concen: 0.420 ng
RT: 10.47 min Scan# 638
Delta R.T. 0.00 min
Lab File: BE097379.D
Acq: 28 Aug 2018 17:30

Tgt Ion:225 Resp: 596

Ion	Ratio	Lower	Upper
225	100		
223	62.2	53.0	79.6
227	64.1	51.4	77.2



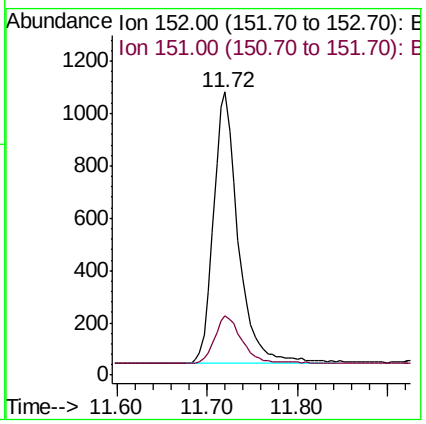


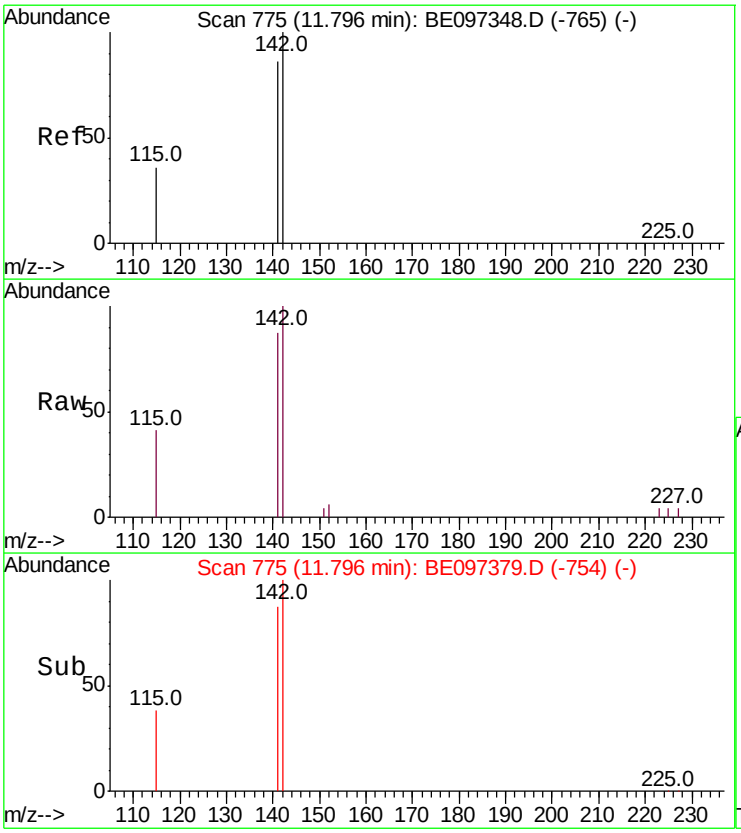
#11
2-Methylnaphthalene-d10
Concen: 0.408 ng
RT: 11.72 min Scan# 759
Delta R.T. 0.00 min
Lab File: BE097379.D
Acq: 28 Aug 2018 17:30

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 1984

Ion	Ratio	Lower	Upper
152	100		
151	18.4	15.4	23.0

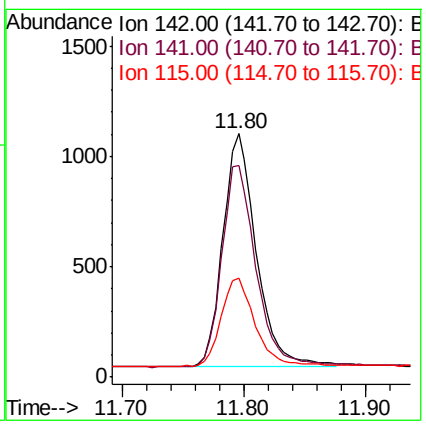


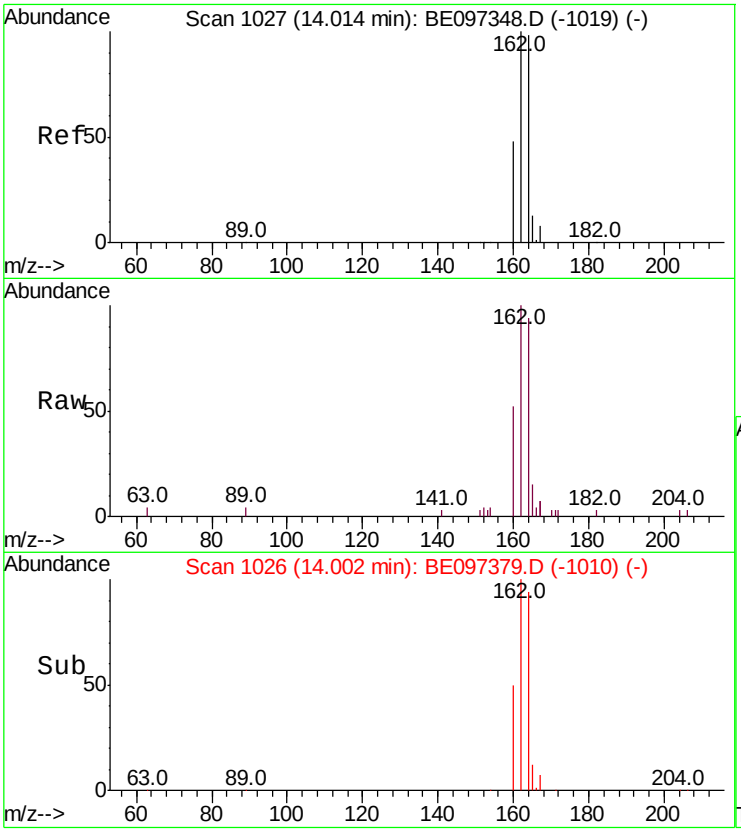


#12
2-Methylnaphthalene
Concen: 0.404 ng
RT: 11.80 min Scan# 775
Delta R.T. 0.00 min
Lab File: BE097379.D
Acq: 28 Aug 2018 17:30

Tgt Ion:142 Resp: 2021

Ion	Ratio	Lower	Upper
142	100		
141	87.1	70.4	105.6
115	40.5	31.7	47.5



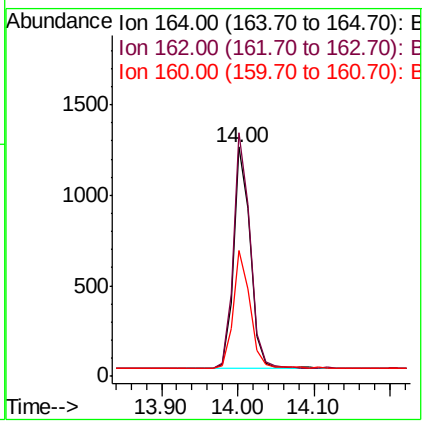


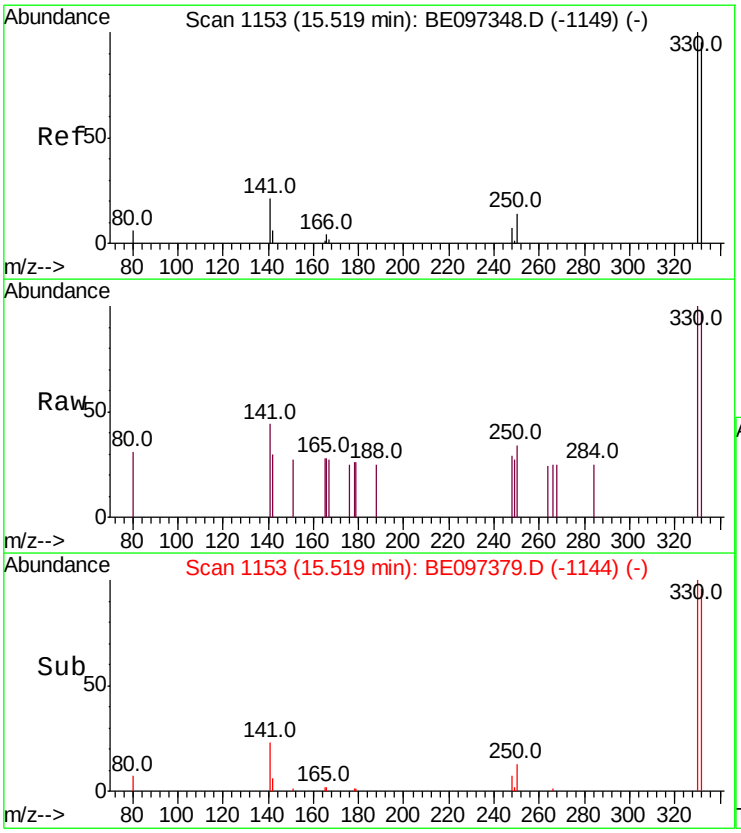
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.00 min Scan# 1026
Delta R.T. -0.01 min
Lab File: BE097379.D
Acq: 28 Aug 2018 17:30

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:164 Resp: 1882

Ion	Ratio	Lower	Upper
164	100		
162	106.2	83.1	124.7
160	54.9	37.1	55.7

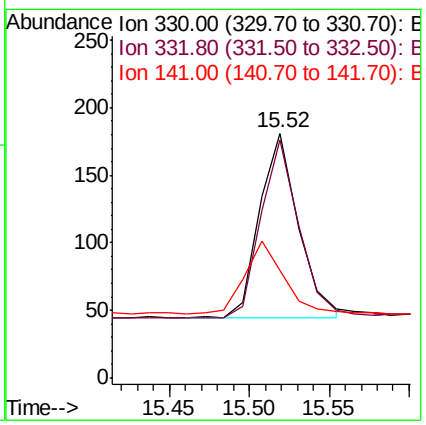


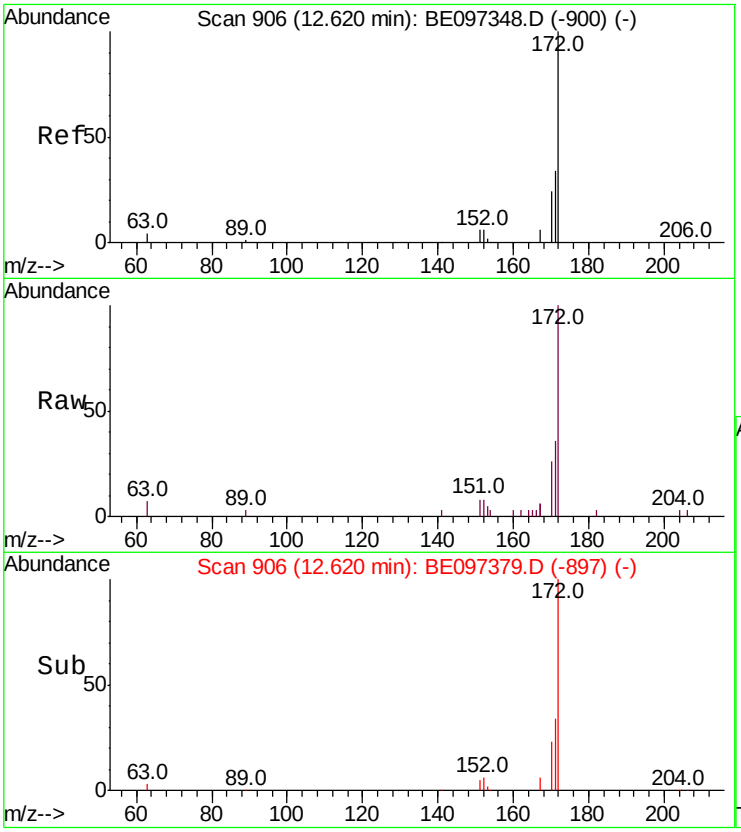


#14
2,4,6-Tribromophenol
Concen: 0.366 ng
RT: 15.52 min Scan# 1153
Delta R.T. 0.00 min
Lab File: BE097379.D
Acq: 28 Aug 2018 17:30

Tgt Ion:330 Resp: 233

Ion	Ratio	Lower	Upper
330	100		
332	94.4	152.7	229.1#
141	40.3	33.7	50.5



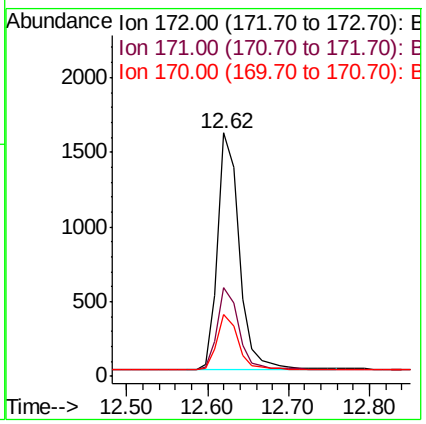


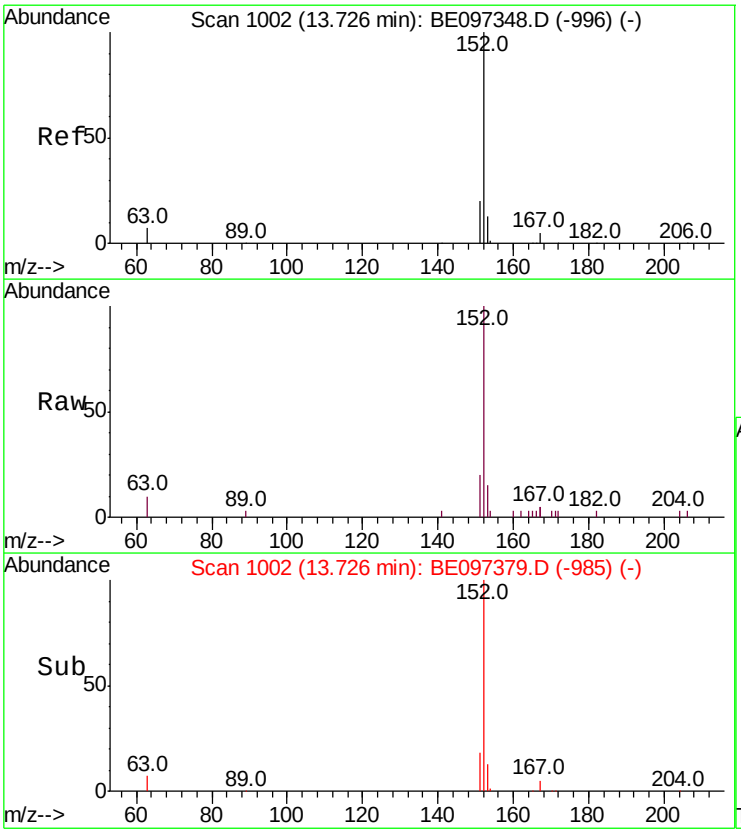
#15
2-Fluorobiphenyl
Concen: 0.428 ng
RT: 12.62 min Scan# 906
Delta R.T. 0.00 min
Lab File: BE097379.D
Acq: 28 Aug 2018 17:30

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:172 Resp: 2957

Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.9	44.9
170	25.6	21.8	32.8

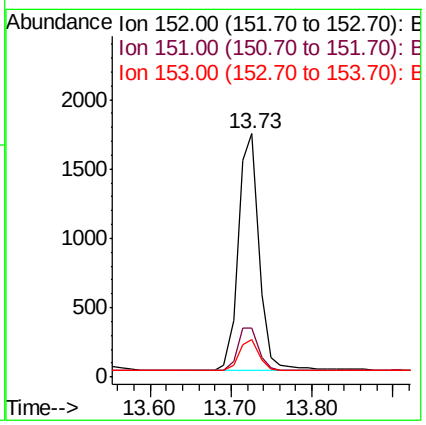


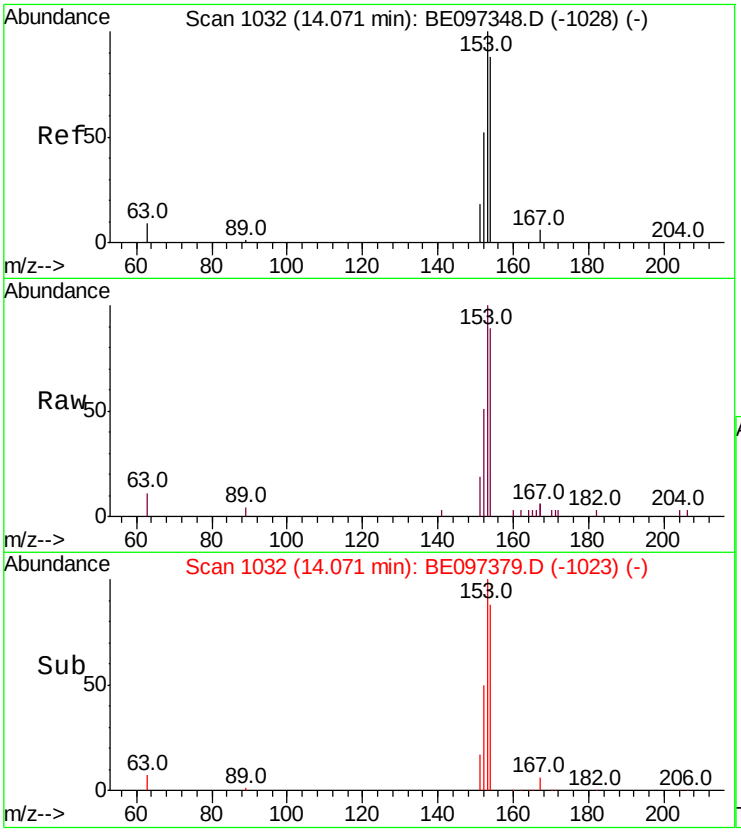


#16
Acenaphthylene
Concen: 0.407 ng
RT: 13.73 min Scan# 1002
Delta R.T. 0.00 min
Lab File: BE097379.D
Acq: 28 Aug 2018 17:30

Tgt Ion:152 Resp: 3045

Ion	Ratio	Lower	Upper
152	100		
151	19.0	15.7	23.5
153	12.8	10.5	15.7



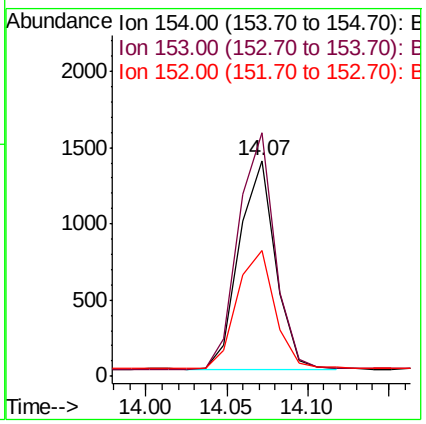


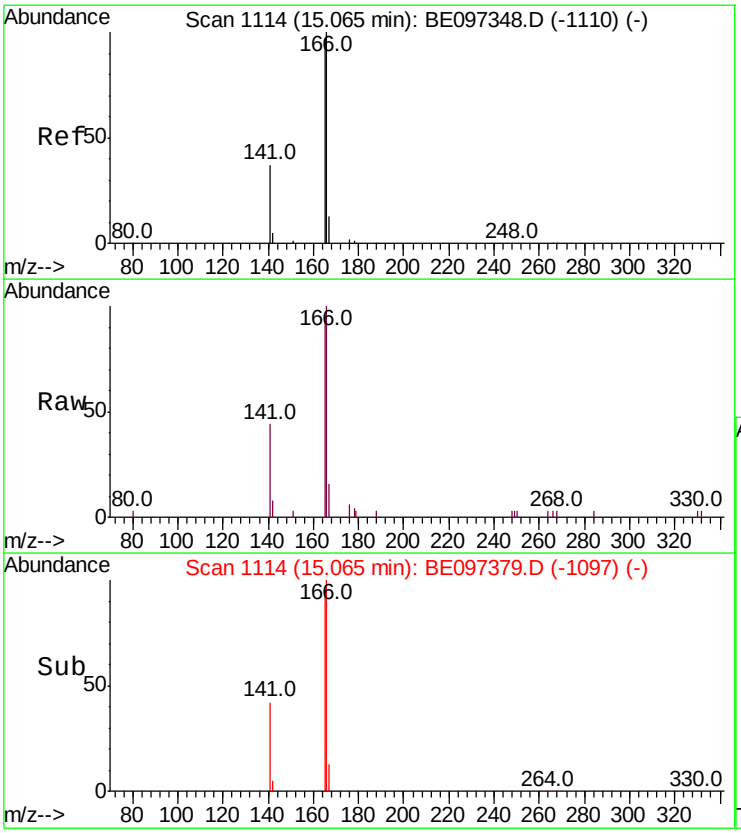
#17
Acenaphthene
Concen: 0.424 ng
RT: 14.07 min Scan# 1032
Delta R.T. 0.00 min
Lab File: BE097379.D
Acq: 28 Aug 2018 17:30

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:154 Resp: 2116

Ion	Ratio	Lower	Upper
154	100		
153	114.5	89.2	133.8
152	59.9	42.0	63.0

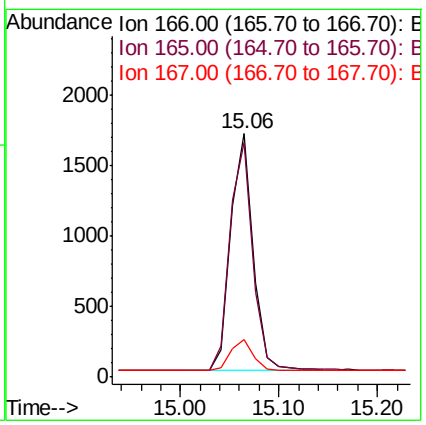


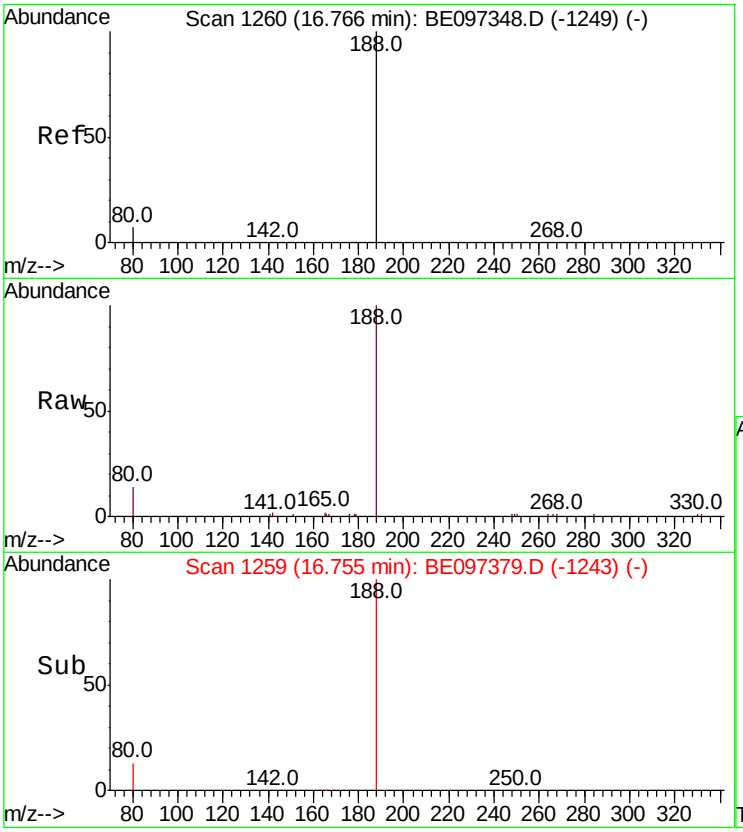


#18
Fluorene
Concen: 0.420 ng
RT: 15.06 min Scan# 1114
Delta R.T. 0.00 min
Lab File: BE097379.D
Acq: 28 Aug 2018 17:30

Tgt Ion:166 Resp: 2655

Ion	Ratio	Lower	Upper
166	100		
165	98.2	77.8	116.6
167	13.6	42.4	63.6#



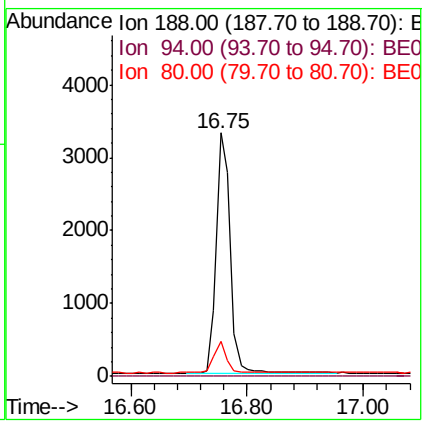


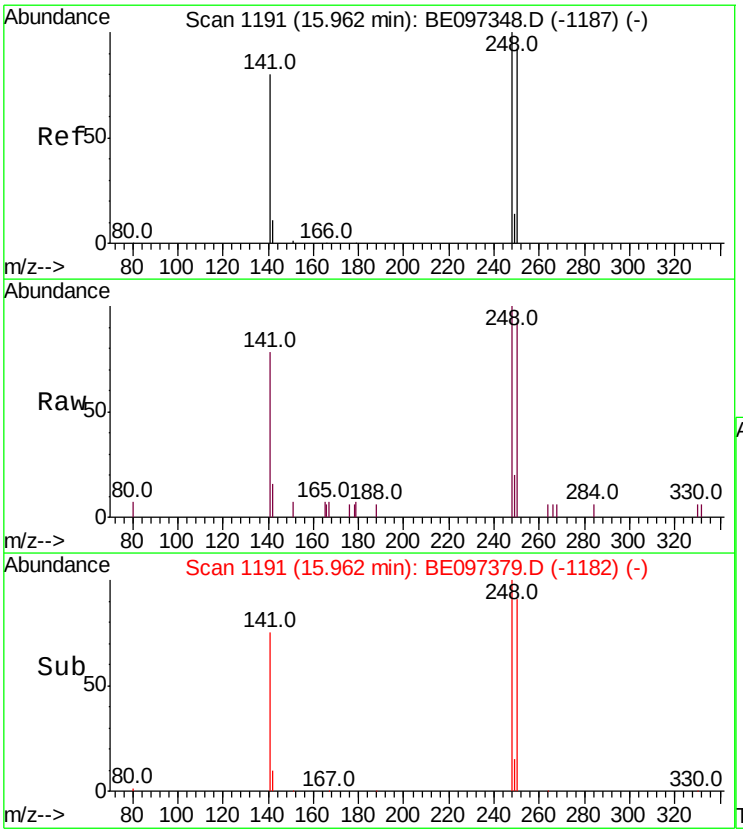
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.75 min Scan# 1259
Delta R.T. -0.01 min
Lab File: BE097379.D
Acq: 28 Aug 2018 17:30

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:188 Resp: 5464

Ion	Ratio	Lower	Upper
188	100		
94	0.0	3.9	5.9#
80	14.2	3.6	5.4#

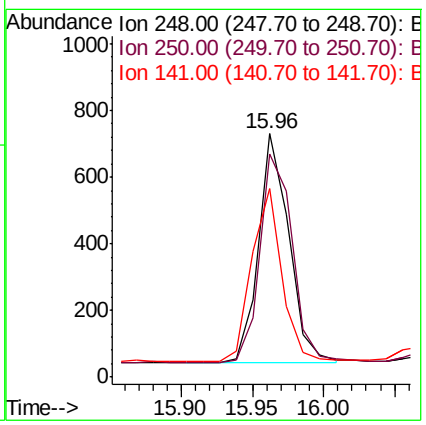


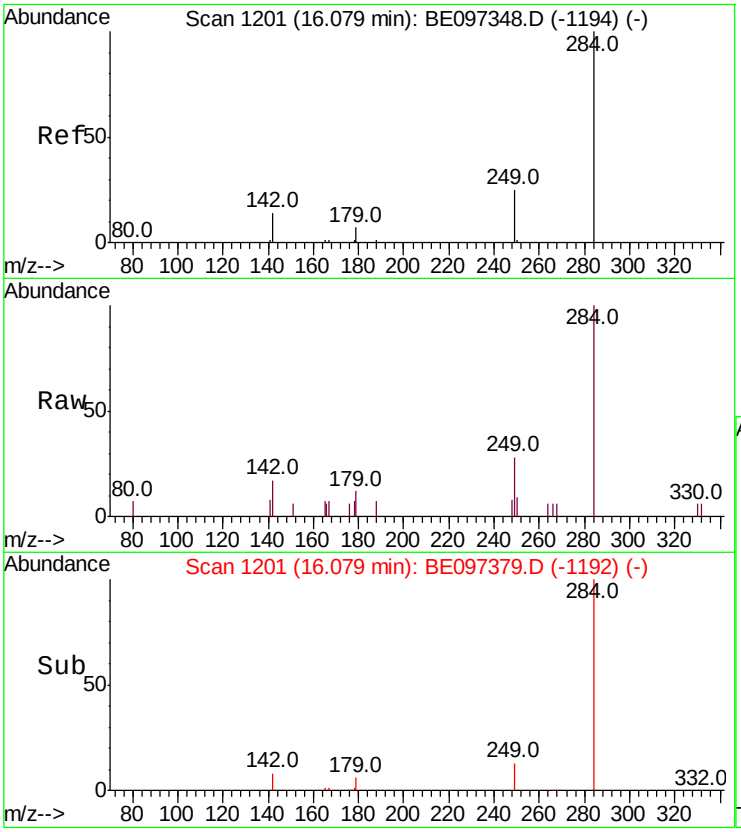


#20
4-Bromophenyl-phenylether
Concen: 0.410 ng
RT: 15.96 min Scan# 1191
Delta R.T. 0.00 min
Lab File: BE097379.D
Acq: 28 Aug 2018 17:30

Tgt Ion:248 Resp: 1018

Ion	Ratio	Lower	Upper
248	100		
250	91.5	62.7	94.1
141	77.6	48.2	72.2#



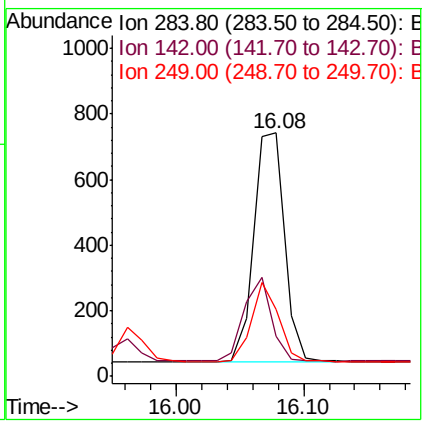


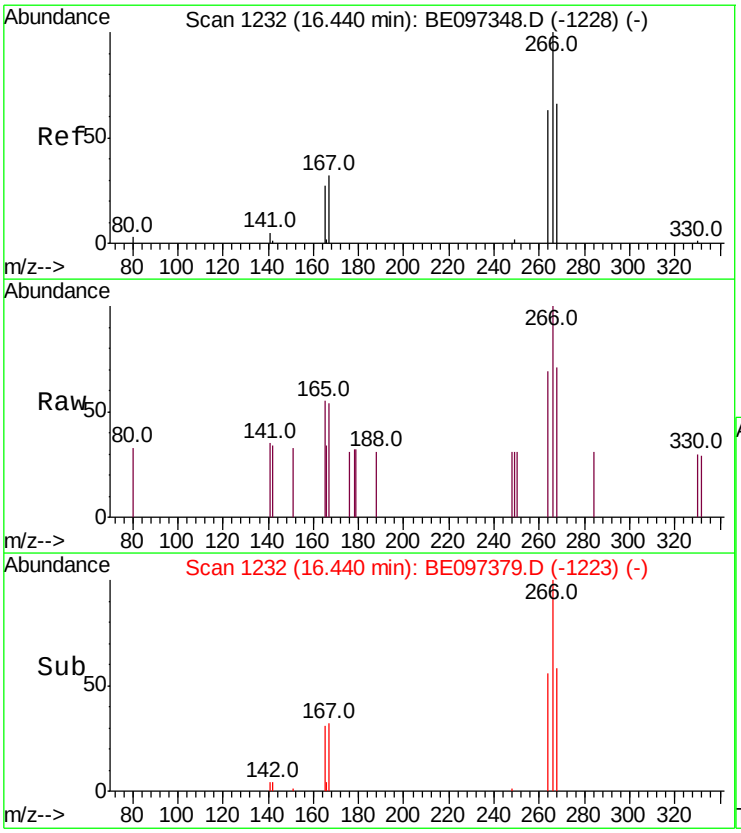
#21
Hexachlorobenzene
Concen: 0.430 ng
RT: 16.08 min Scan# 1201
Delta R.T. 0.00 min
Lab File: BE097379.D
Acq: 28 Aug 2018 17:30

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:284 Resp: 1180

Ion	Ratio	Lower	Upper
284	100		
142	32.8	22.1	33.1
249	30.2	34.8	52.2#

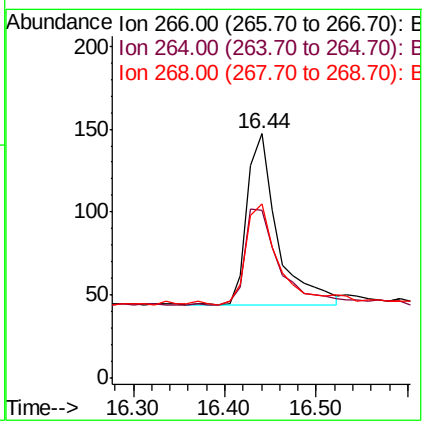


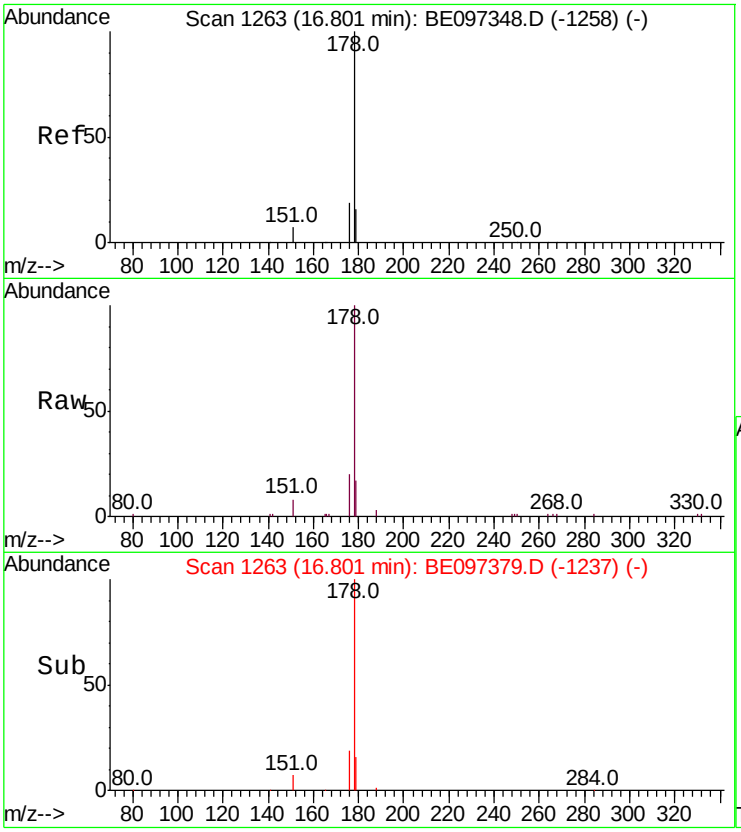


#22
Pentachlorophenol
Concen: 0.428 ng
RT: 16.44 min Scan# 1232
Delta R.T. 0.00 min
Lab File: BE097379.D
Acq: 28 Aug 2018 17:30

Tgt Ion:266 Resp: 241

Ion	Ratio	Lower	Upper
266	100		
264	68.7	72.5	108.7#
268	71.4	73.8	110.6#



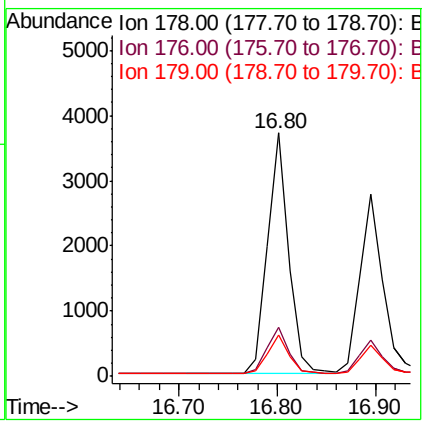


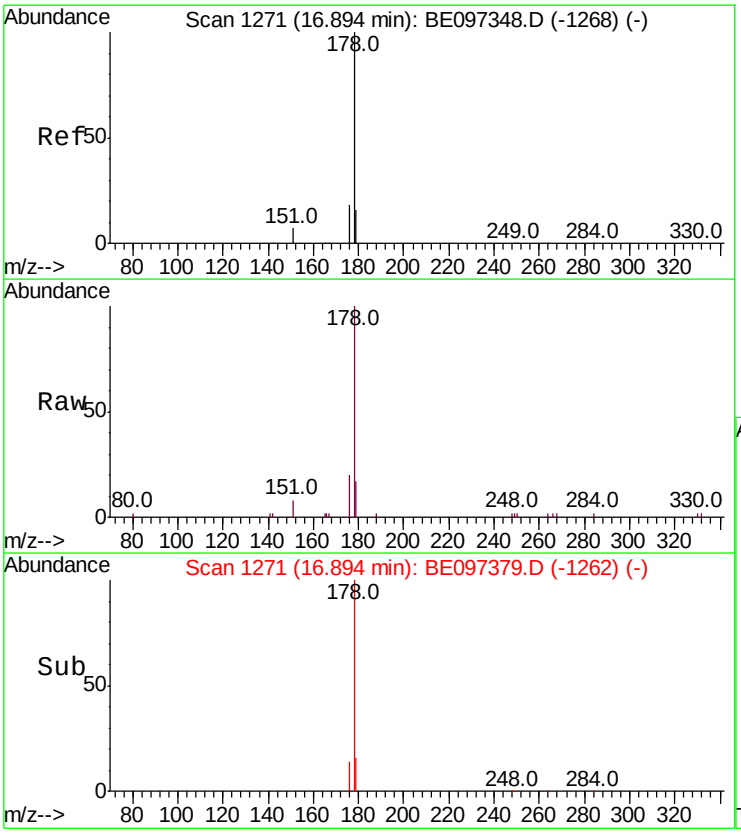
#23
Phenanthrene
Concen: 0.420 ng
RT: 16.80 min Scan# 1263
Delta R.T. 0.00 min
Lab File: BE097379.D
Acq: 28 Aug 2018 17:30

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:178 Resp: 5458

Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.1	22.7
179	16.0	11.8	17.6

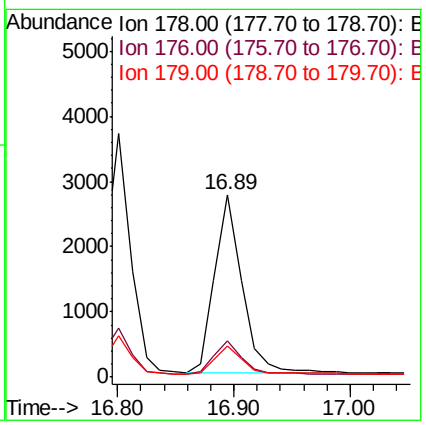


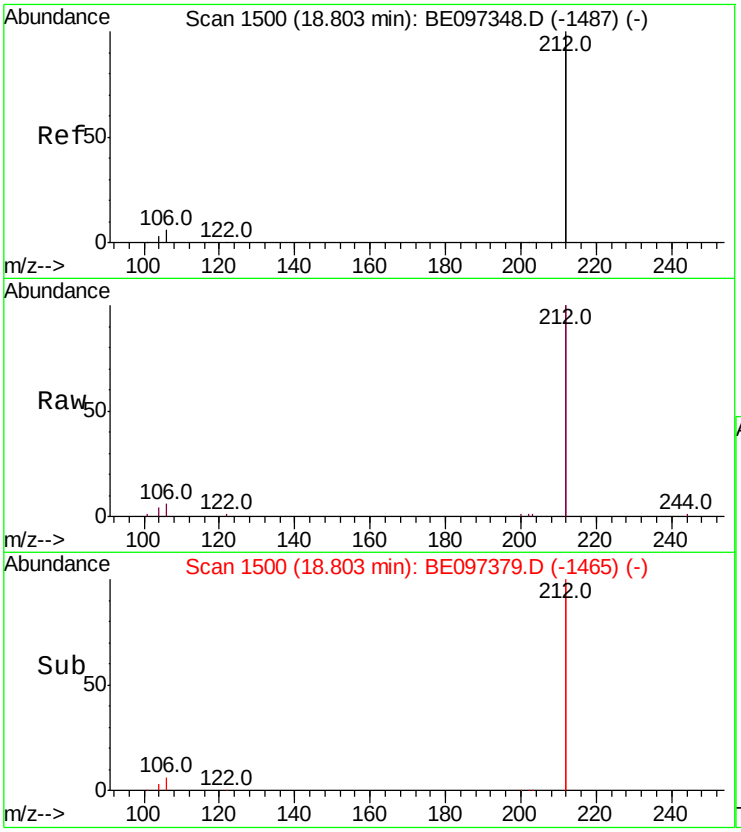


#24
Anthracene
Concen: 0.397 ng
RT: 16.89 min Scan# 1271
Delta R.T. 0.00 min
Lab File: BE097379.D
Acq: 28 Aug 2018 17:30

Tgt Ion:178 Resp: 4389

Ion	Ratio	Lower	Upper
178	100		
176	18.7	12.8	19.2
179	15.5	13.0	19.6



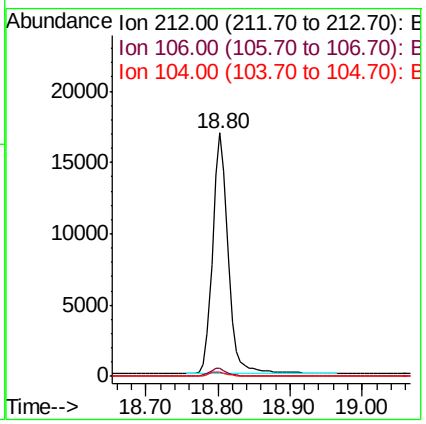


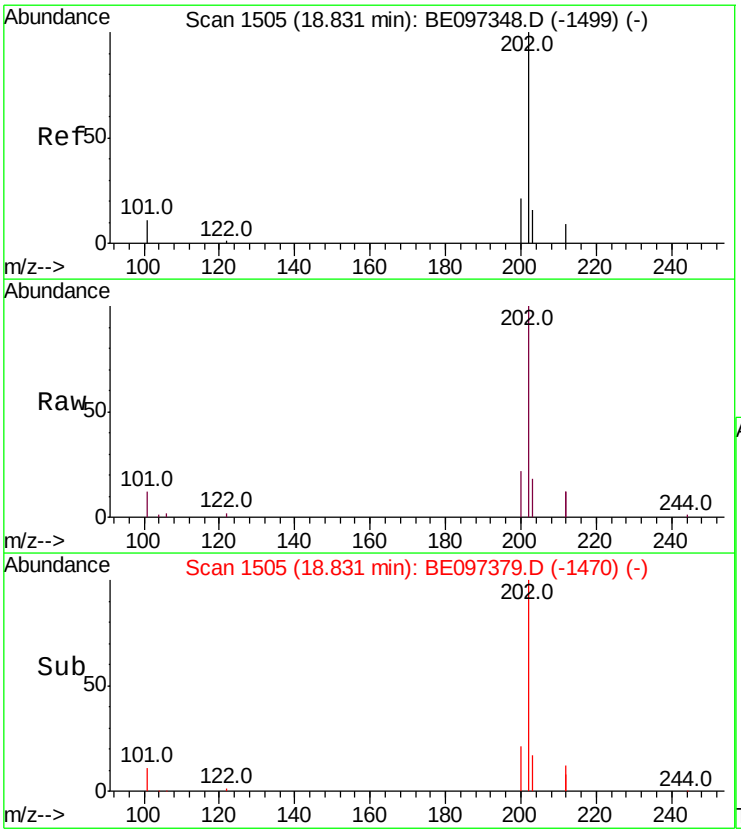
#25
Fluoranthene-d10
Concen: 0.405 ng
RT: 18.80 min Scan# 1500
Delta R.T. 0.00 min
Lab File: BE097379.D
Acq: 28 Aug 2018 17:30

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:212 Resp: 25401

Ion	Ratio	Lower	Upper
212	100		
106	3.0	2.8	4.2
104	1.6	1.6	2.4

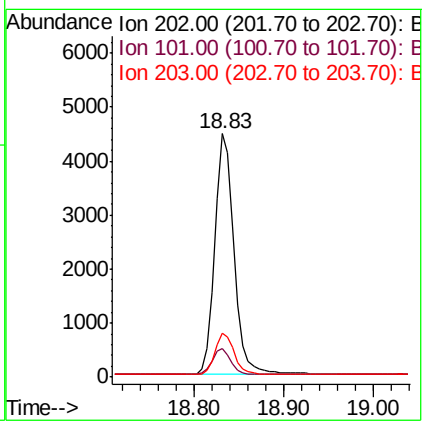


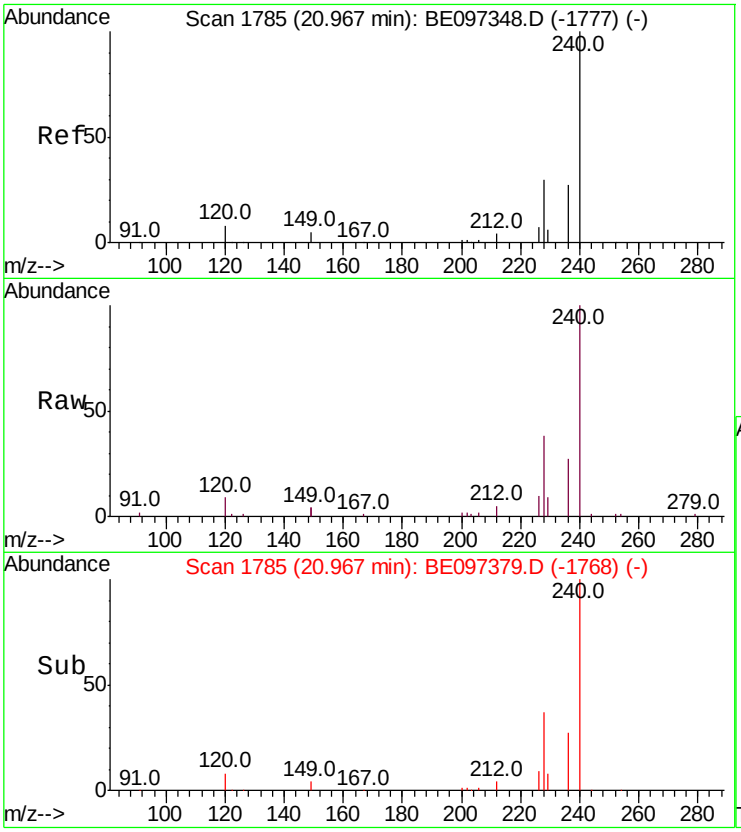


#26
Fluoranthene
Concen: 0.410 ng
RT: 18.83 min Scan# 1505
Delta R.T. 0.00 min
Lab File: BE097379.D
Acq: 28 Aug 2018 17:30

Tgt Ion:202 Resp: 6688

Ion	Ratio	Lower	Upper
202	100		
101	11.2	9.8	14.8
203	17.4	13.7	20.5



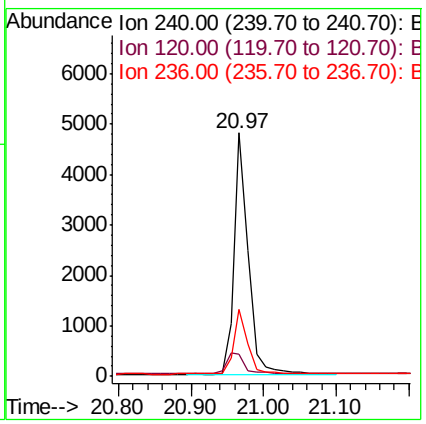


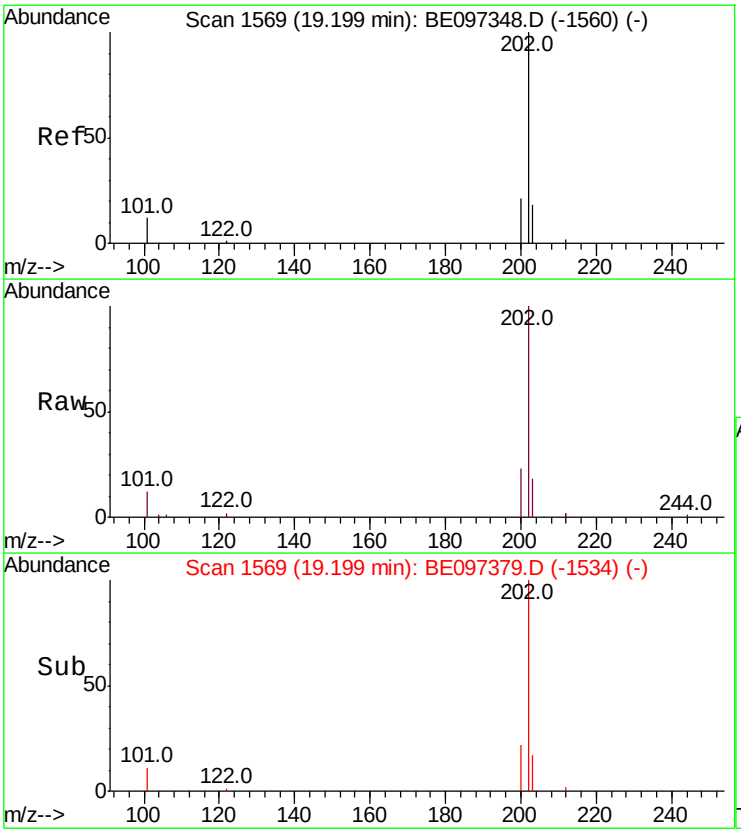
#27
Chrysene-d12
Concen: 0.400 ng
RT: 20.97 min Scan# 1785
Delta R.T. -0.00 min
Lab File: BE097379.D
Acq: 28 Aug 2018 17:30

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:240 Resp: 6614

Ion	Ratio	Lower	Upper
240	100		
120	9.2	5.5	8.3#
236	27.5	20.7	31.1

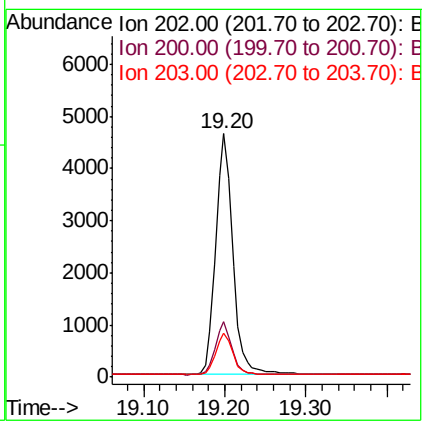


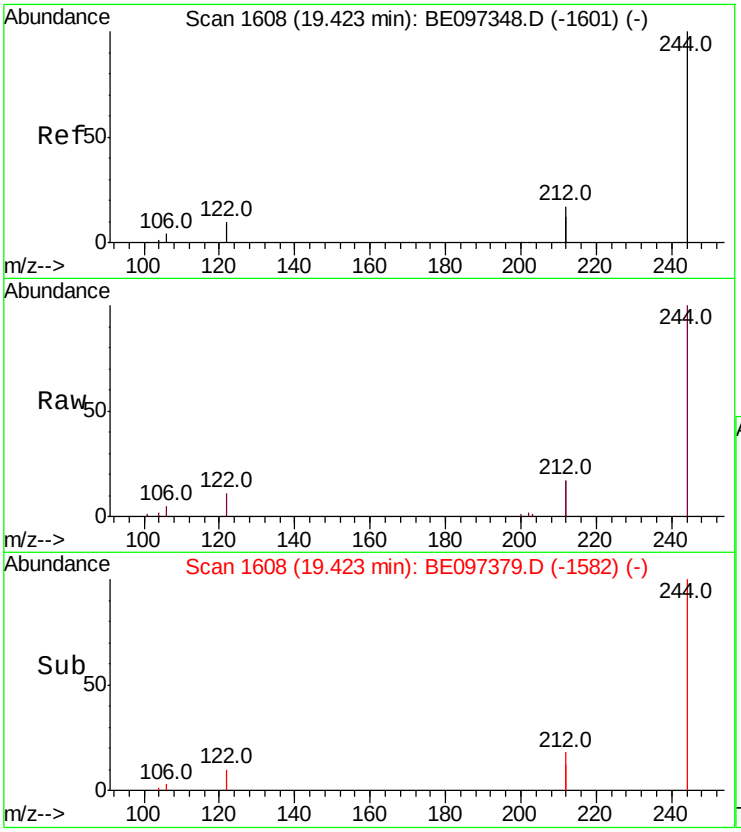


#28
Pyrene
Concen: 0.431 ng
RT: 19.20 min Scan# 1569
Delta R.T. 0.00 min
Lab File: BE097379.D
Acq: 28 Aug 2018 17:30

Tgt Ion:202 Resp: 6791

Ion	Ratio	Lower	Upper
202	100		
200	21.3	16.6	25.0
203	17.4	13.8	20.8



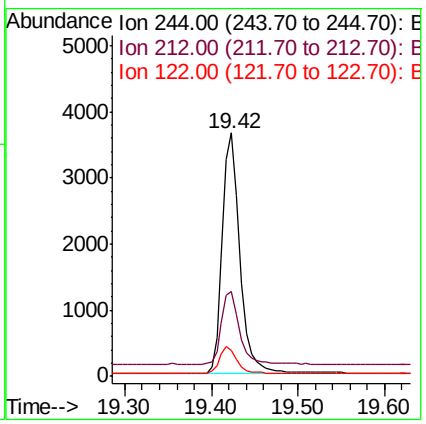


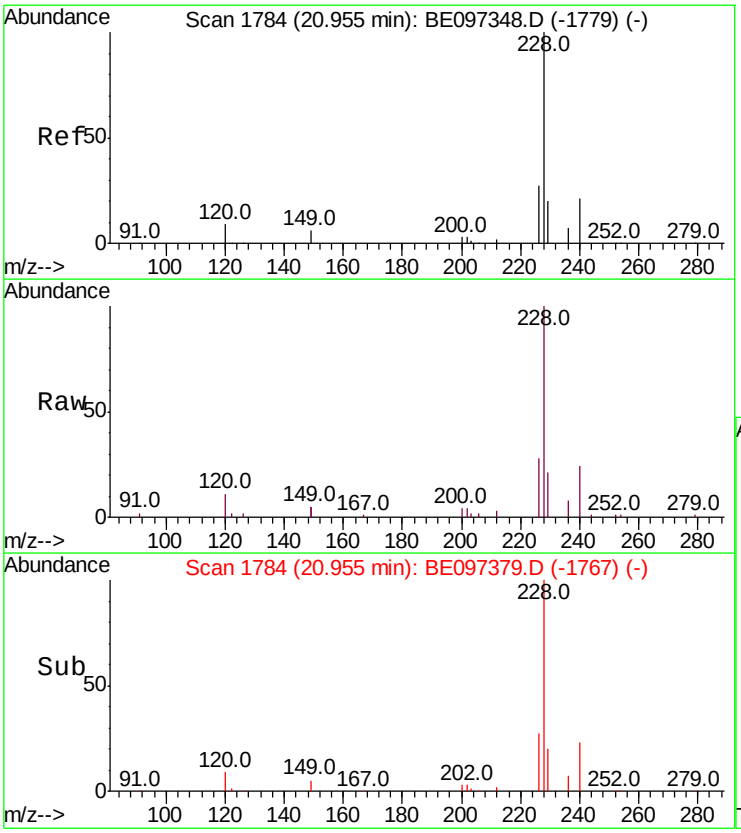
#29
Terphenyl-d14
Concen: 0.423 ng
RT: 19.42 min Scan# 1608
Delta R.T. 0.00 min
Lab File: BE097379.D
Acq: 28 Aug 2018 17:30

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:244 Resp: 5161

Ion	Ratio	Lower	Upper
244	100		
212	34.7	25.4	38.0
122	10.9	8.1	12.1

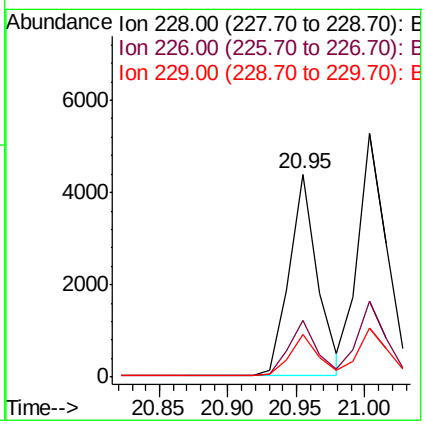


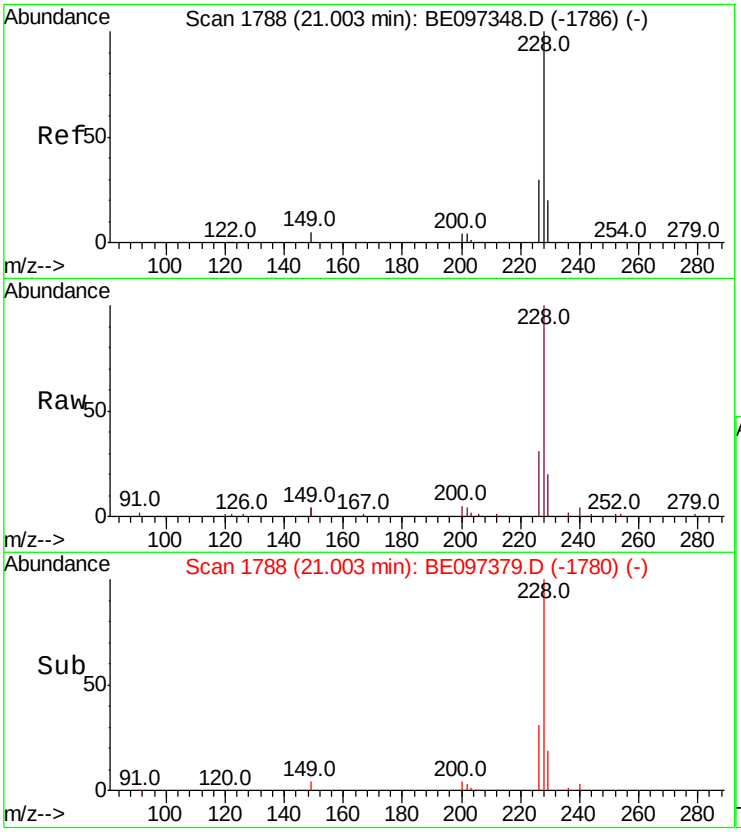


#30
Benzo(a)anthracene
Concen: 0.369 ng
RT: 20.95 min Scan# 1784
Delta R.T. -0.00 min
Lab File: BE097379.D
Acq: 28 Aug 2018 17:30

Tgt Ion:228 Resp: 6170

Ion	Ratio	Lower	Upper
228	100		
226	28.1	24.0	36.0
229	20.9	16.0	24.0



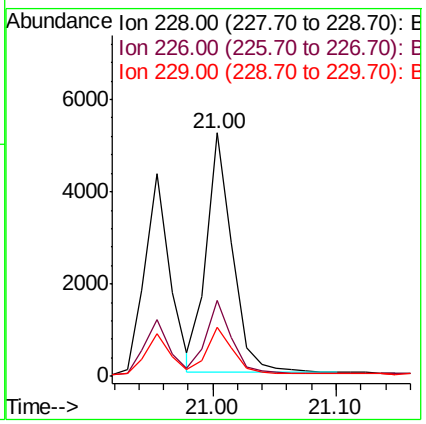


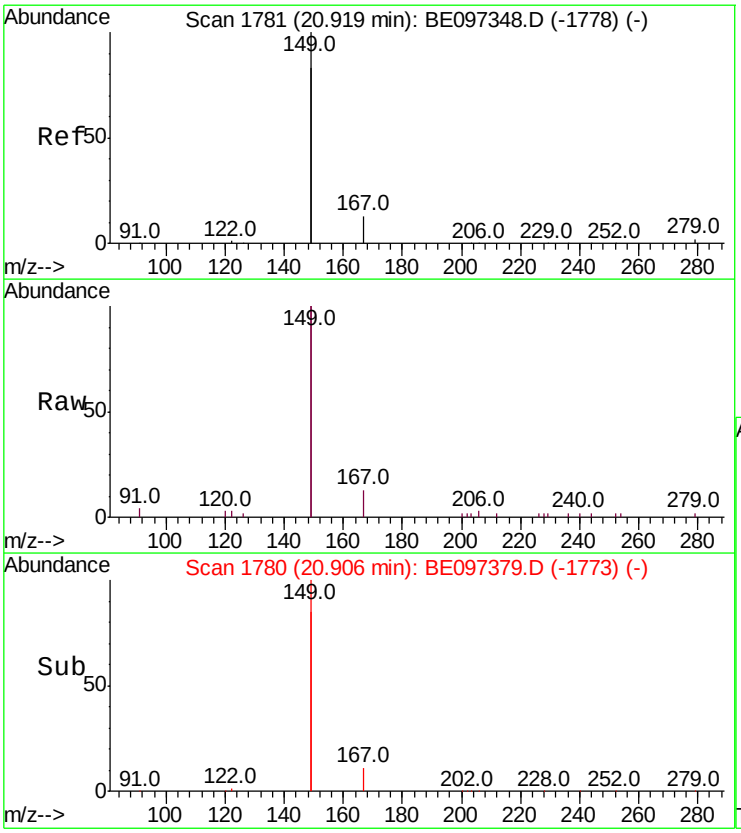
#31
Chrysene
Concen: 0.423 ng
RT: 21.00 min Scan# 1788
Delta R.T. -0.00 min
Lab File: BE097379.D
Acq: 28 Aug 2018 17:30

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:228 Resp: 7611

Ion	Ratio	Lower	Upper
228	100		
226	31.4	24.0	36.0
229	20.1	16.0	24.0

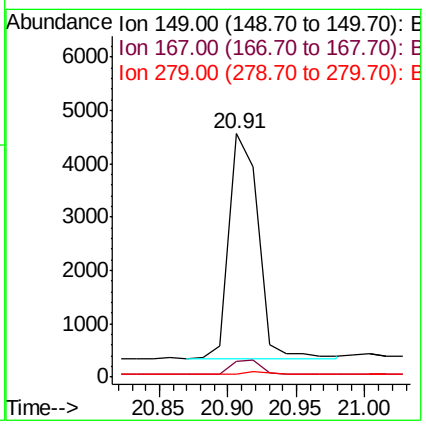


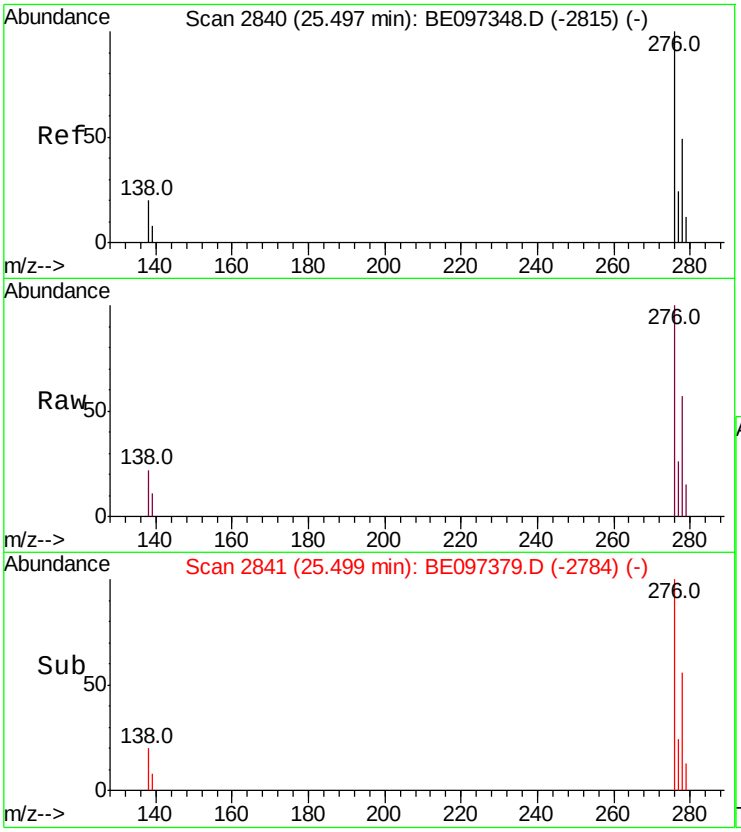


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.349 ng
RT: 20.91 min Scan# 1780
Delta R.T. -0.01 min
Lab File: BE097379.D
Acq: 28 Aug 2018 17:30

Tgt Ion:149 Resp: 6285

Ion	Ratio	Lower	Upper
149	100		
167	6.6	5.4	8.0
279	1.0	0.7	1.1



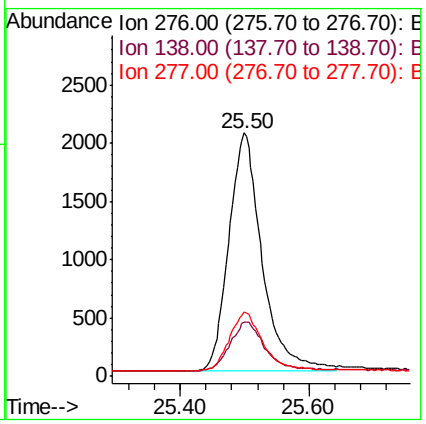


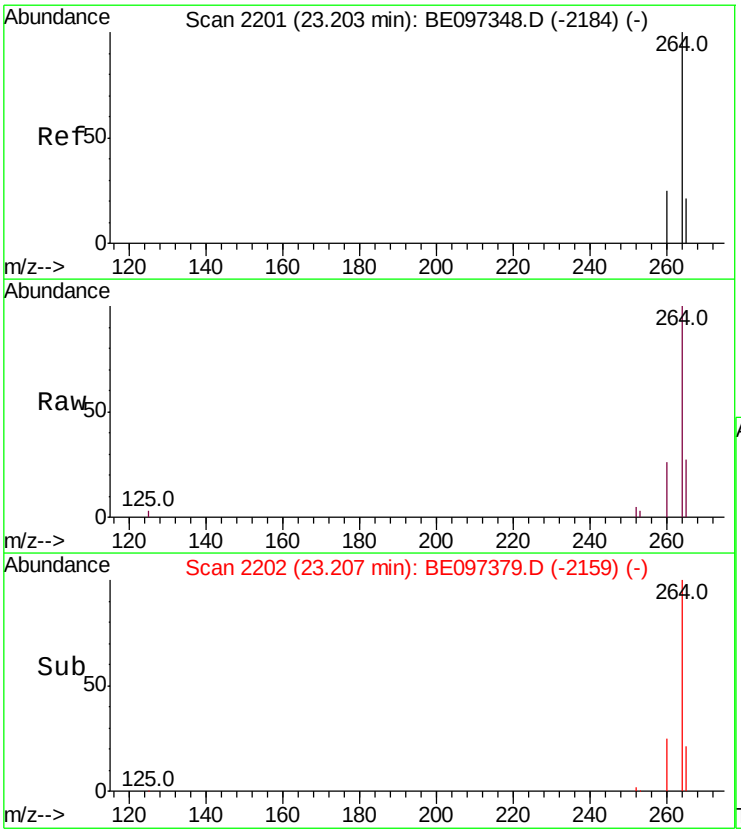
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.310 ng
RT: 25.50 min Scan# 2841
Delta R.T. 0.00 min
Lab File: BE097379.D
Acq: 28 Aug 2018 17:30

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 7381

Ion	Ratio	Lower	Upper
276	100		
138	21.1	22.5	33.7#
277	25.0	19.9	29.9

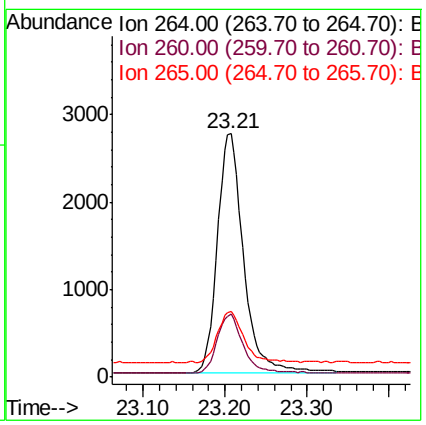


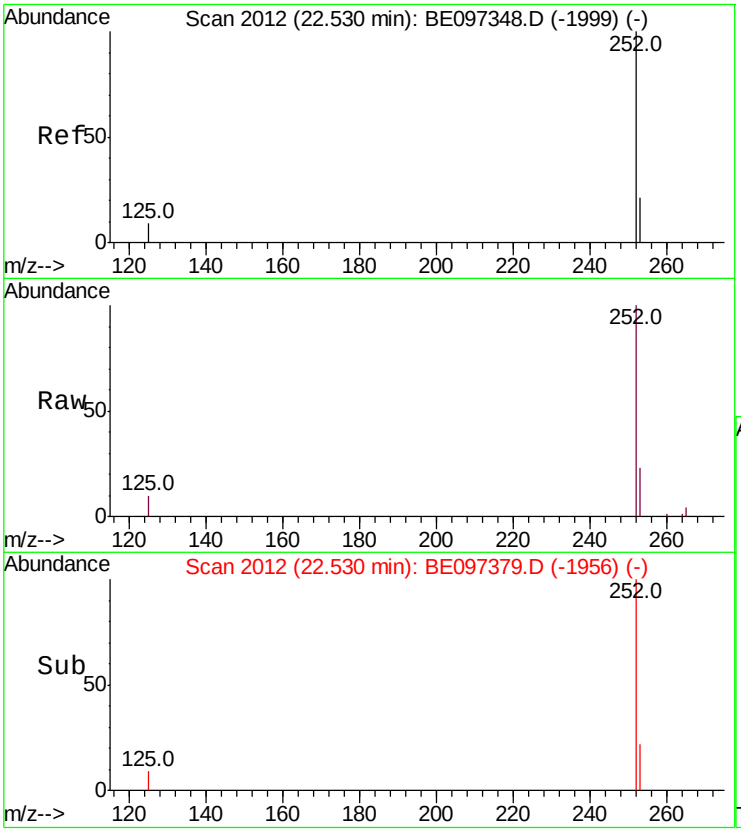


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.21 min Scan# 2202
Delta R.T. 0.00 min
Lab File: BE097379.D
Acq: 28 Aug 2018 17:30

Tgt Ion:264 Resp: 6080

Ion	Ratio	Lower	Upper
264	100		
260	26.0	20.5	30.7
265	27.0	22.8	34.2



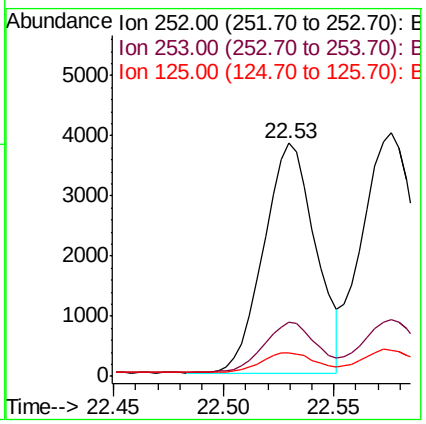


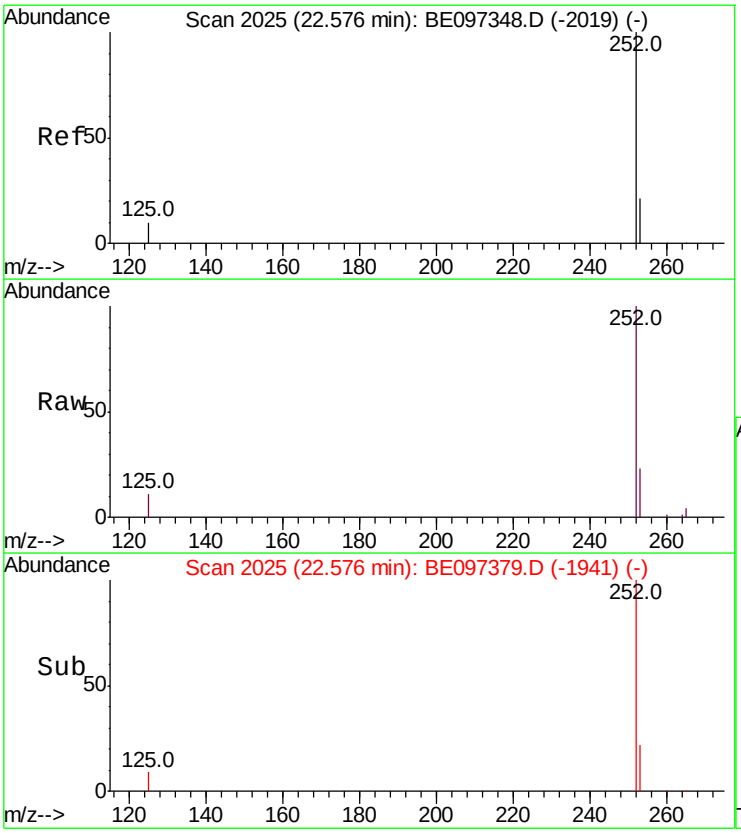
#35
Benzo(b)fluoranthene
Concen: 0.385 ng
RT: 22.53 min Scan# 2012
Delta R.T. 0.00 min
Lab File: BE097379.D
Acq: 28 Aug 2018 17:30

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 6253

Ion	Ratio	Lower	Upper
252	100		
253	23.4	20.0	30.0
125	10.3	16.0	24.0#

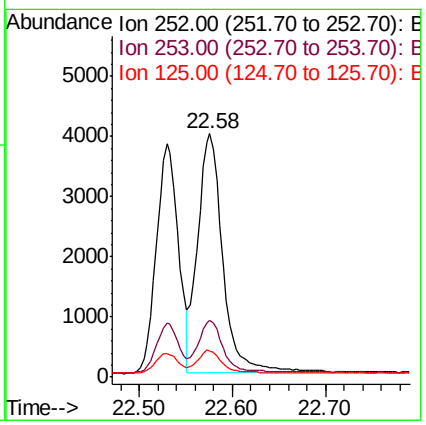


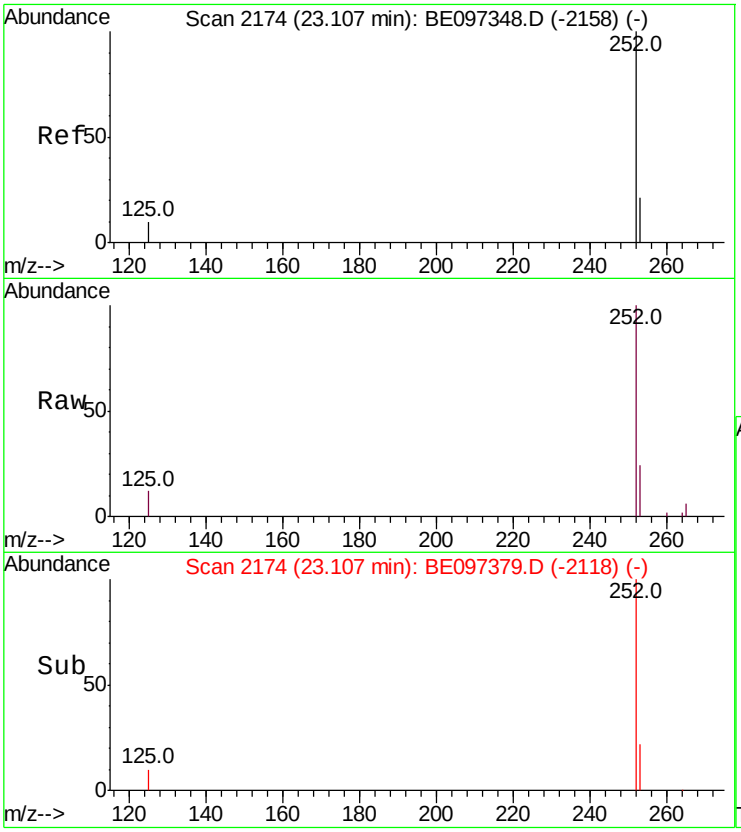


#36
Benzo(k)fluoranthene
Concen: 0.409 ng
RT: 22.58 min Scan# 2025
Delta R.T. -0.00 min
Lab File: BE097379.D
Acq: 28 Aug 2018 17:30

Tgt Ion:252 Resp: 7396

Ion	Ratio	Lower	Upper
252	100		
253	23.2	16.0	24.0
125	10.9	8.0	12.0



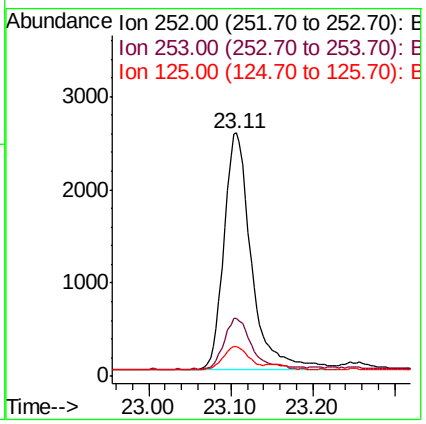


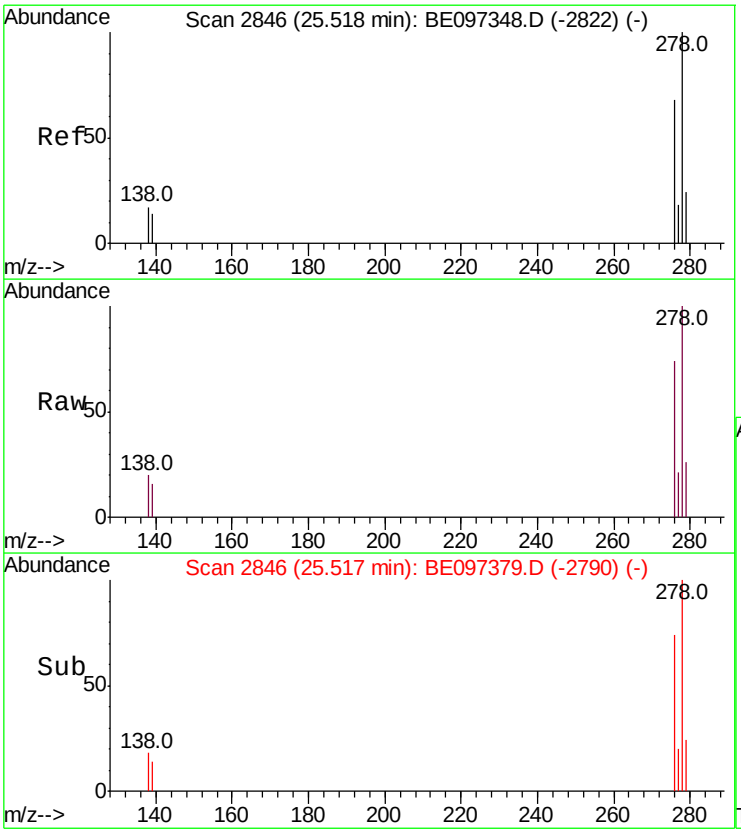
#37
Benzo(a)pyrene
Concen: 0.379 ng
RT: 23.11 min Scan# 2174
Delta R.T. -0.00 min
Lab File: BE097379.D
Acq: 28 Aug 2018 17:30

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 5937

Ion	Ratio	Lower	Upper
252	100		
253	24.0	16.0	24.0
125	12.2	12.0	18.0

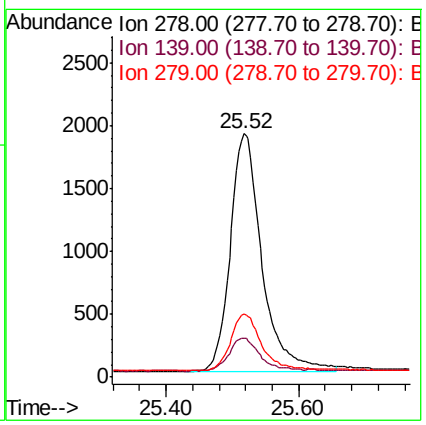


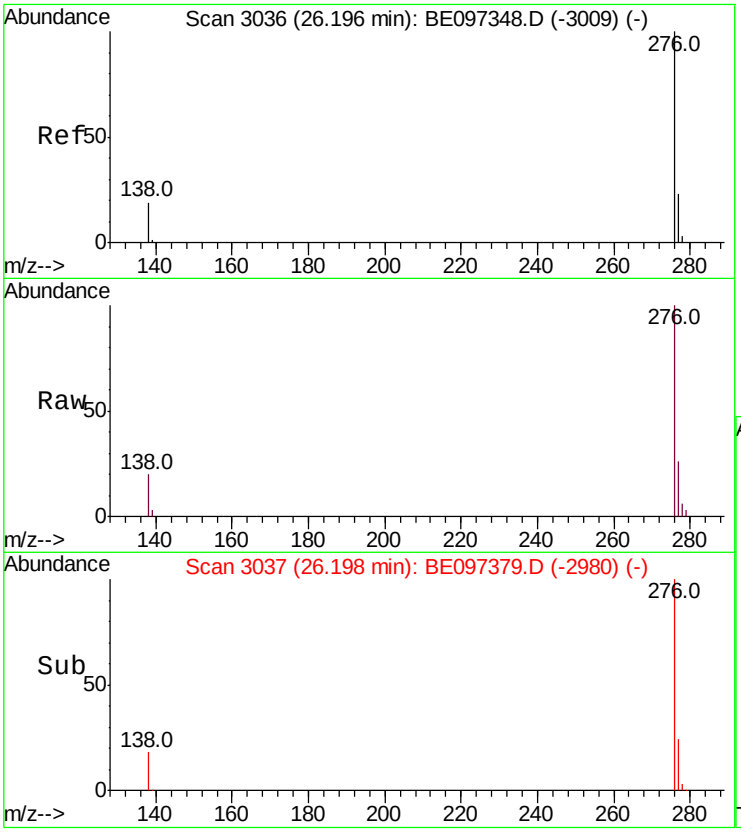


#38
Dibenzo(a,h)anthracene
Concen: 0.333 ng
RT: 25.52 min Scan# 2846
Delta R.T. -0.00 min
Lab File: BE097379.D
Acq: 28 Aug 2018 17:30

Tgt Ion:278 Resp: 6260

Ion	Ratio	Lower	Upper
278	100		
139	15.9	16.0	24.0#
279	26.1	20.0	30.0





#39
Benzo(g,h,i)perylene
Concen: 0.331 ng
RT: 26.20 min Scan# 3037
Delta R.T. 0.00 min
Lab File: BE097379.D
Acq: 28 Aug 2018 17:30

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 6449

Ion	Ratio	Lower	Upper
276	100		
277	25.6	16.0	24.0#
138	20.4	20.0	30.0