Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE091018\
Data File : BE097445.D
Acq On : 10 Sep 2018 13:37
Operator : SJ/JU
Sample : SSTDCCC0.4EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId :

Quant Time: Sep 10 17:06:04 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	829	0.40	ng		0.00
7) Naphthalene-d8	10.13	136	4416	0.40	ng		0.00
13) Acenaphthene-d10	14.00	164	3011	0.40	ng		-0.01
19) Phenanthrene-d10	16.75	188	7812	0.40	ng		-0.01
27) Chrysene-d12	20.97	240	8057	0.40	ng		0.00
34) Perylene-d12	23.20	264	7777	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.04	112	1006	0.41	ng		-0.01
5) Phenol-d6	6.58	99	1414	0.43	ng		-0.01
8) Nitrobenzene-d5	8.52	82	1357	0.43	ng		0.00
11) 2-Methylnaphthalene-d10	11.72	152	2812	0.46	ng		0.00
14) 2,4,6-Tribromophenol	15.52	330	470	0.46	ng		0.00
15) 2-Fluorobiphenyl	12.62	172	4261	0.39	ng		0.00
25) Fluoranthene-d10	18.80	212	34322	0.38	ng		0.00
29) Terphenyl-d14	19.42	244	6498	0.44	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.08	88	548	0.372	ng	#	87
3) n-Nitrosodimethylamine	3.37	42	521	0.378	ng		99
6) bis(2-Chloroethyl)ether	6.82	93	1146	0.380	ng		94
9) Naphthalene	10.17	128	16550	0.412	ng		100
10) Hexachlorobutadiene	10.47	225	726	0.404	ng		99
12) 2-Methylnaphthalene	11.79	142	2901	0.458	ng		99
16) Acenaphthylene	13.71	152	5026	0.420	ng		100
17) Acenaphthene	14.06	154	3287	0.412	ng		95
18) Fluorene	15.06	166	4339	0.429	ng	#	80
20) 4-Bromophenyl-phenylether	15.96	248	1543	0.434	ng	#	88
21) Hexachlorobenzene	16.07	284	1724	0.439	ng	#	83
22) Pentachlorophenol	16.43	266	401	0.465	ng	#	79
23) Phenanthrene	16.80	178	7814	0.420	ng		99
24) Anthracene	16.89	178	6912	0.437	ng		95
26) Fluoranthene	18.83	202	8795	0.377	ng		98
28) Pyrene	19.19	202	9017	0.470	ng		100
30) Benzo(a)anthracene	20.95	228	8577	0.421	ng		96
31) Chrysene	21.00	228	9092	0.414	ng		99
32) Bis(2-ethylhexyl)phthalate	20.91	149	12156	0.501	ng		100
33) Indeno(1,2,3-cd)pyrene	25.50	276	10371	0.372	ng	#	92
35) Benzo(b)fluoranthene	22.53	252	8572	0.411	ng	#	89
36) Benzo(k)fluoranthene	22.53	252	8572	0.373	ng		94
37) Benzo(a)pyrene	23.10	252	8090	0.403	ng	#	92
38) Dibenzo(a,h)anthracene	25.51	278	8662	0.363	ng		97
39) Benzo(g,h,i)perylene	26.19	276	8463	0.341	ng	#	89

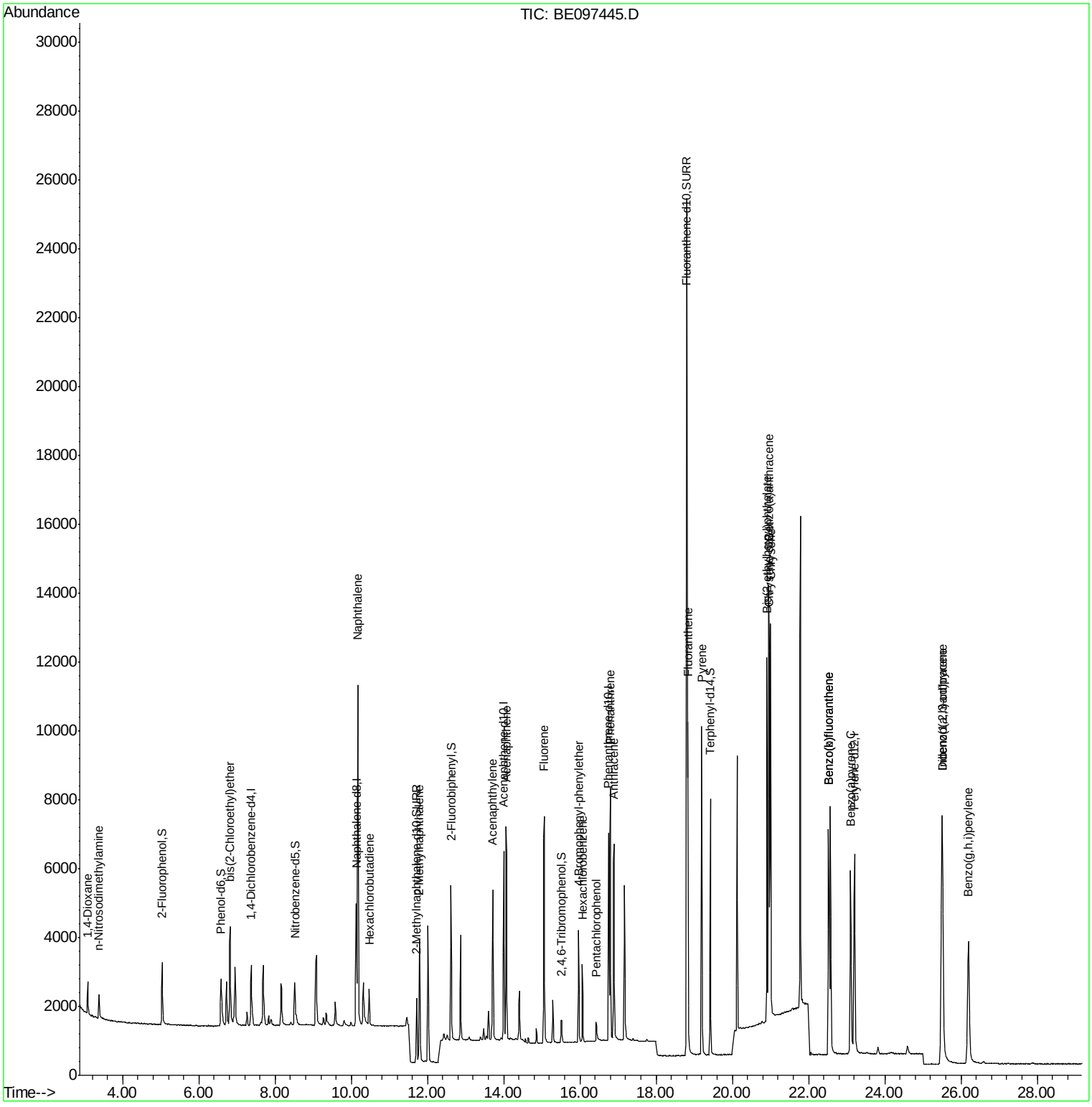
(#) = qualifier out of range (m) = manual integration (+) = signals summed

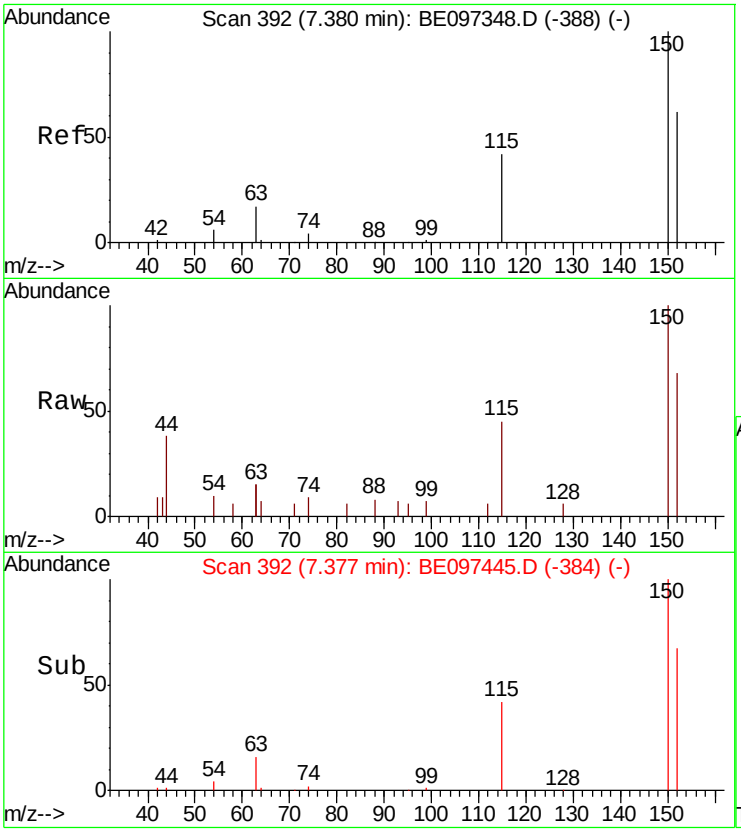
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE091018\
Data File : BE097445.D
Acq On : 10 Sep 2018 13:37
Operator : SJ/JU
Sample : SSTDCCC0.4EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :

Quant Time: Sep 10 17:06:04 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



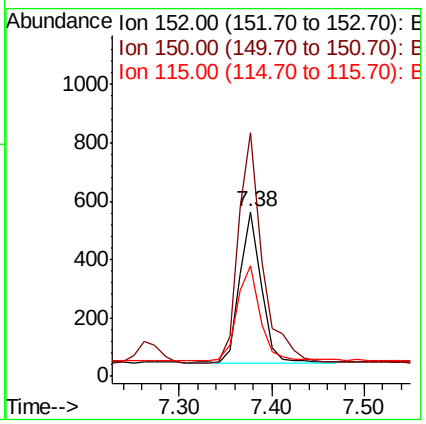


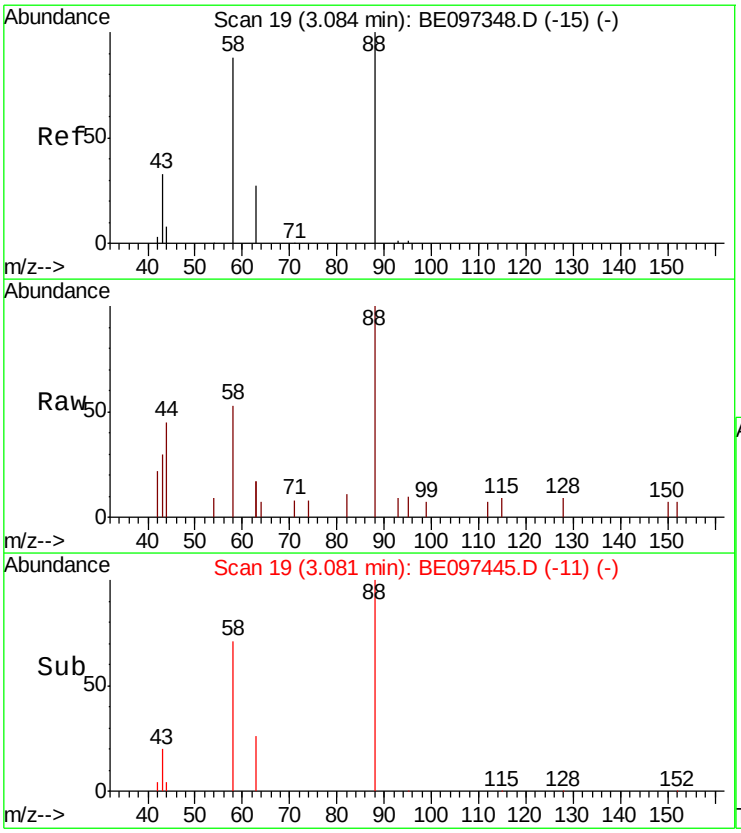
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.38 min Scan# 392
Delta R.T. -0.00 min
Lab File: BE097445.D
Acq: 10 Sep 2018 13:37

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 829

Ion	Ratio	Lower	Upper
152	100		
150	148.1	117.2	175.8
115	67.0	57.0	85.6

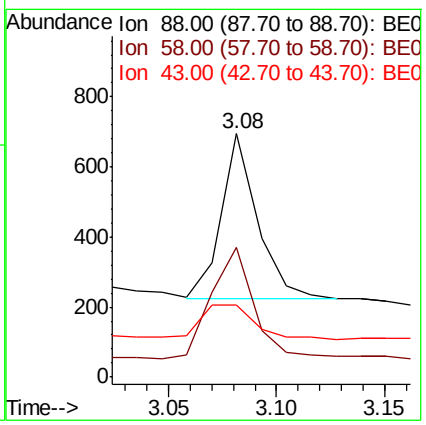


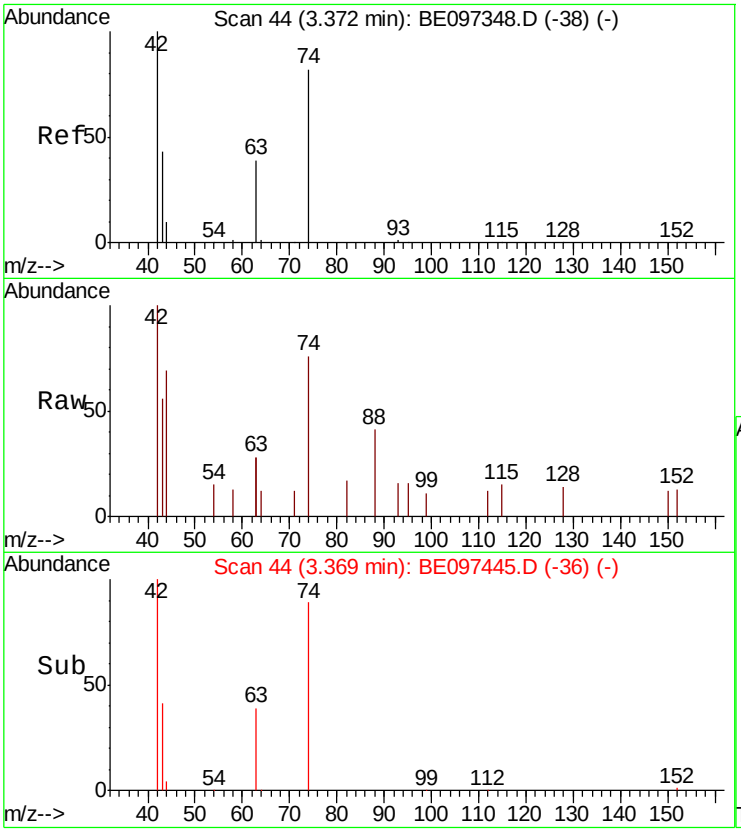


#2
1,4-Dioxane
Concen: 0.372 ng
RT: 3.08 min Scan# 19
Delta R.T. -0.00 min
Lab File: BE097445.D
Acq: 10 Sep 2018 13:37

Tgt Ion: 88 Resp: 548

Ion	Ratio	Lower	Upper
88	100		
58	76.3	63.2	94.8
43	31.6	41.2	61.8#



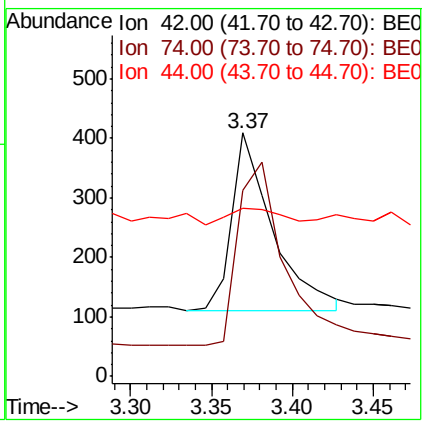


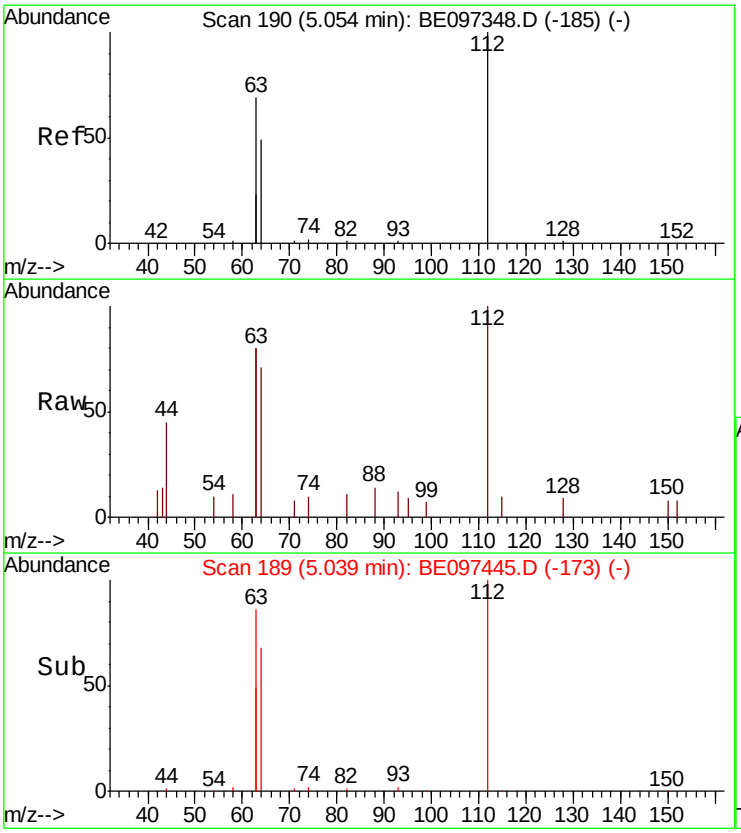
#3
n-Nitrosodimethylamine
Concen: 0.378 ng
RT: 3.37 min Scan# 44
Delta R.T. -0.00 min
Lab File: BE097445.D
Acq: 10 Sep 2018 13:37

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 42 Resp: 521

Ion	Ratio	Lower	Upper
42	100		
74	118.8	96.0	144.0
44	13.8	12.0	18.0

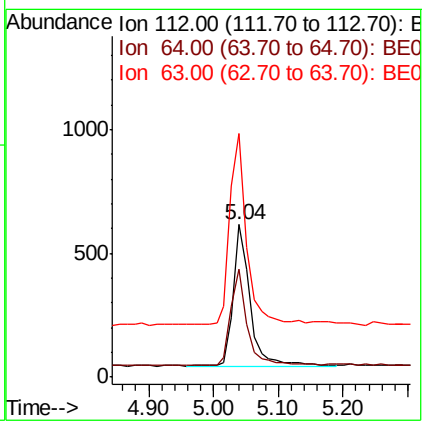


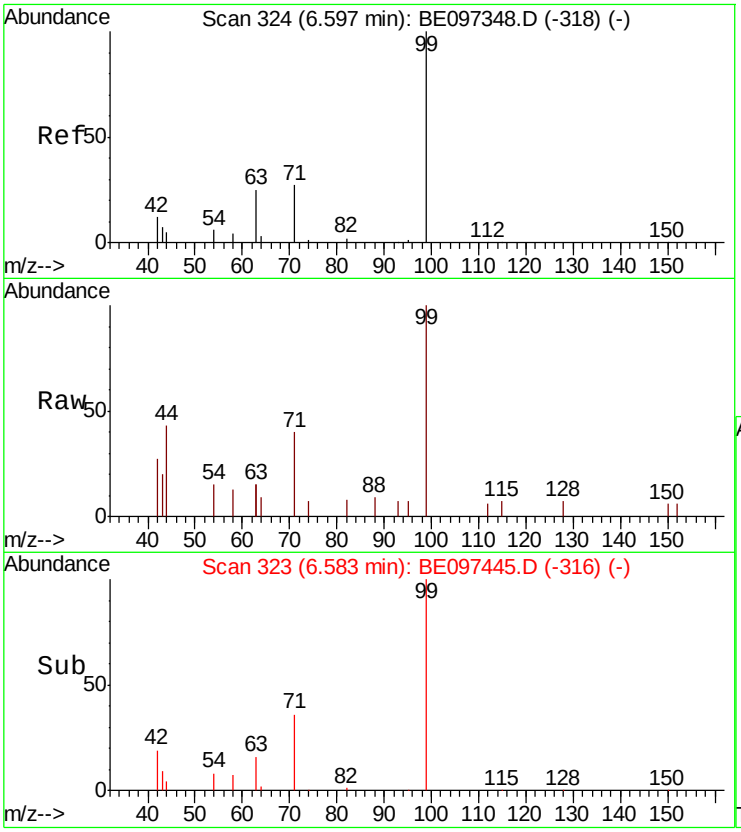


#4
2-Fluorophenol
Concen: 0.410 ng
RT: 5.04 min Scan# 189
Delta R.T. -0.01 min
Lab File: BE097445.D
Acq: 10 Sep 2018 13:37

Tgt Ion:112 Resp: 1006

Ion	Ratio	Lower	Upper
112	100		
64	67.7	60.1	90.1
63	134.8	116.8	175.2



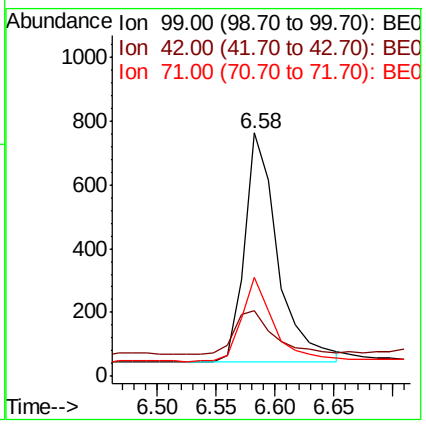


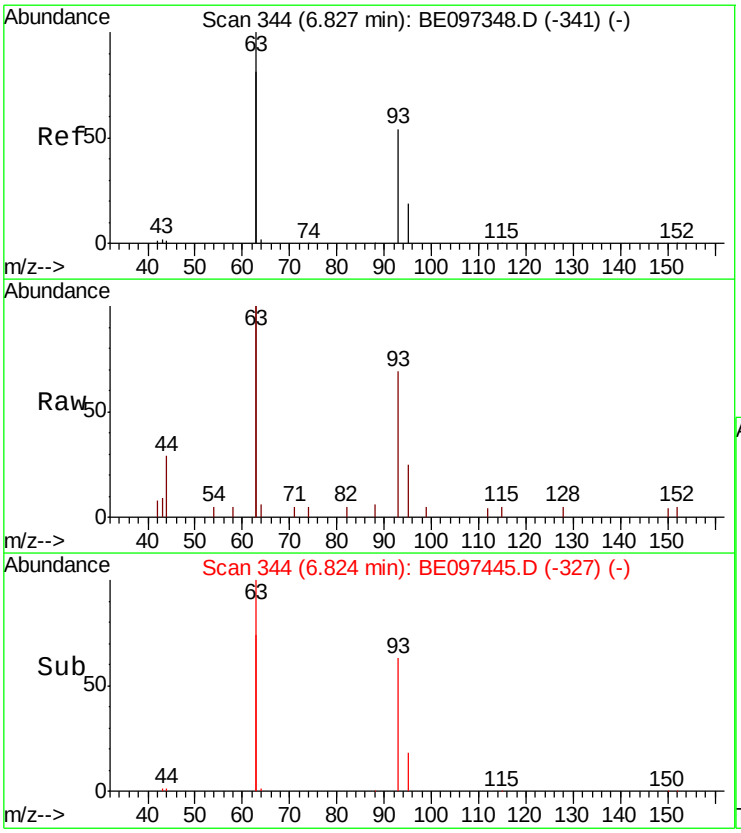
#5
Phenol-d6
Concen: 0.432 ng
RT: 6.58 min Scan# 323
Delta R.T. -0.01 min
Lab File: BE097445.D
Acq: 10 Sep 2018 13:37

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 99 Resp: 1414

Ion	Ratio	Lower	Upper
99	100		
42	22.1	20.2	30.2
71	35.2	28.4	42.6

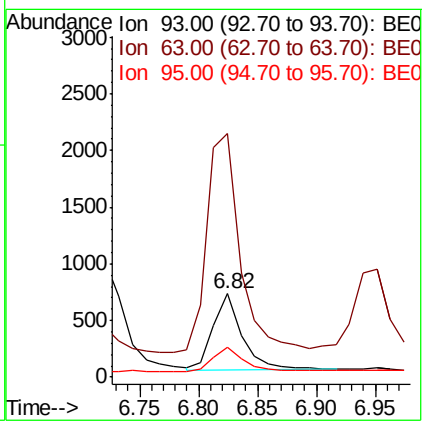


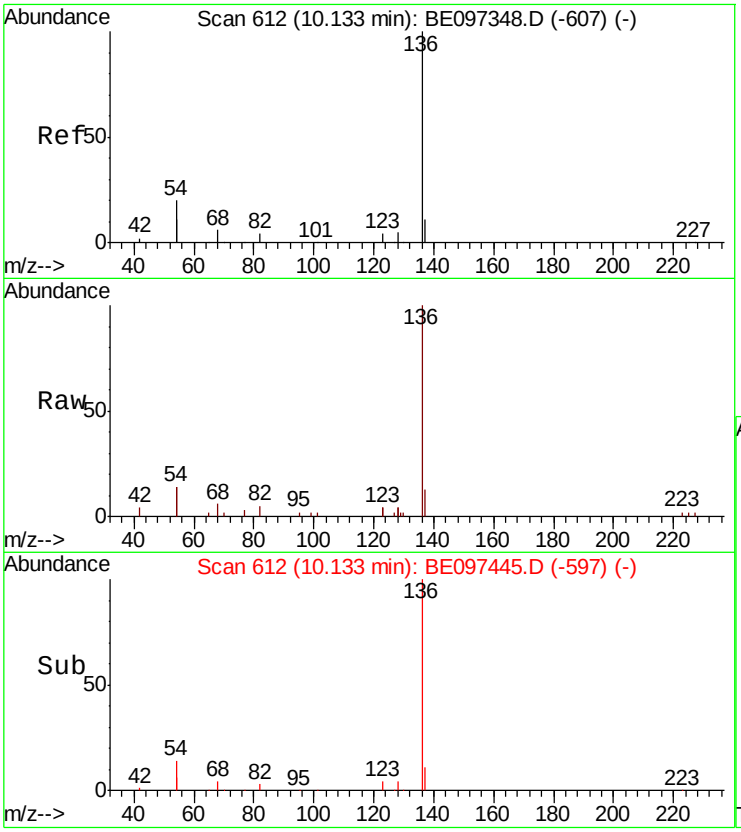


#6
bis(2-Chloroethyl)ether
Concen: 0.380 ng
RT: 6.82 min Scan# 344
Delta R.T. -0.00 min
Lab File: BE097445.D
Acq: 10 Sep 2018 13:37

Tgt Ion: 93 Resp: 1146

Ion	Ratio	Lower	Upper
93	100		
63	331.9	275.3	412.9
95	34.3	25.2	37.8



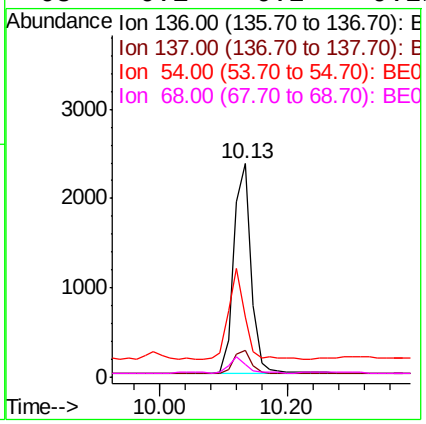


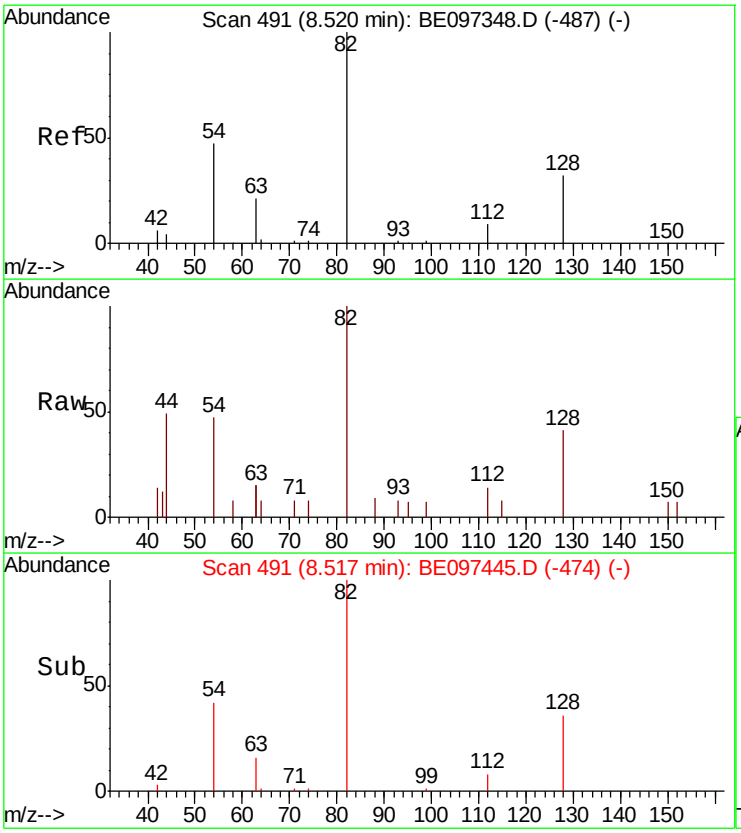
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.13 min Scan# 612
Delta R.T. 0.00 min
Lab File: BE097445.D
Acq: 10 Sep 2018 13:37

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:136 Resp: 4416

Ion	Ratio	Lower	Upper
136	100		
137	12.8	9.5	14.3
54	28.0	29.1	43.7#
68	6.1	6.2	9.2#

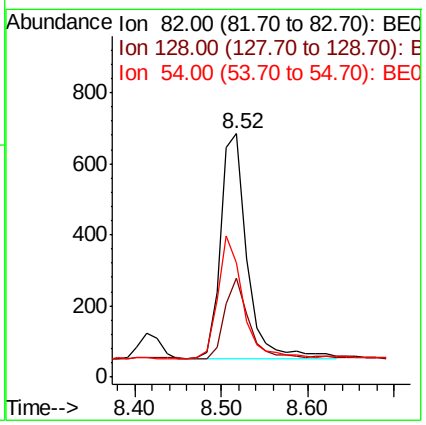


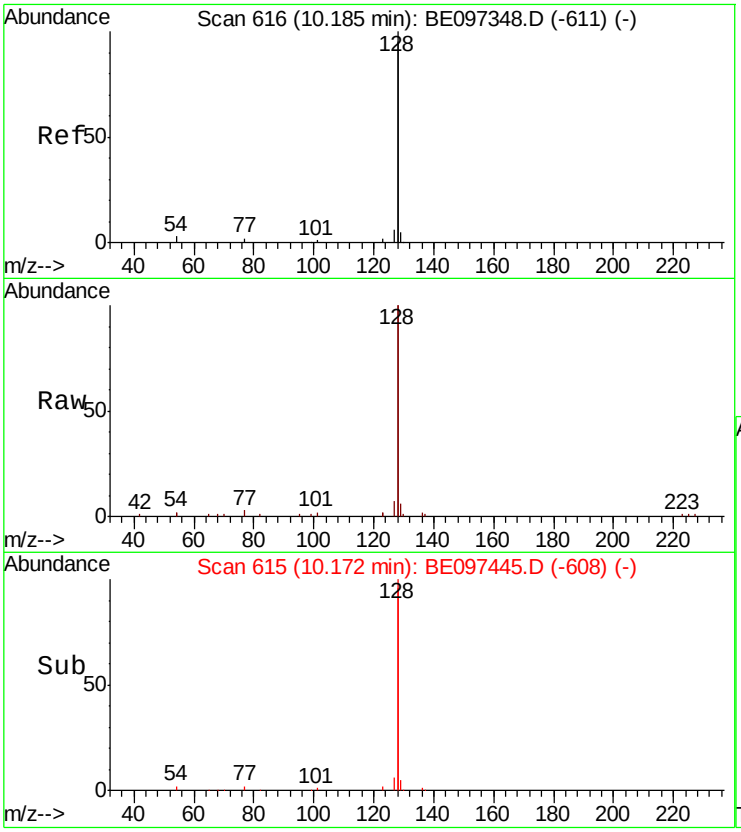


#8
Nitrobenzene-d5
Concen: 0.429 ng
RT: 8.52 min Scan# 491
Delta R.T. -0.00 min
Lab File: BE097445.D
Acq: 10 Sep 2018 13:37

Tgt Ion: 82 Resp: 1357

Ion	Ratio	Lower	Upper
82	100		
128	40.6	24.0	36.0#
54	46.7	40.0	60.0



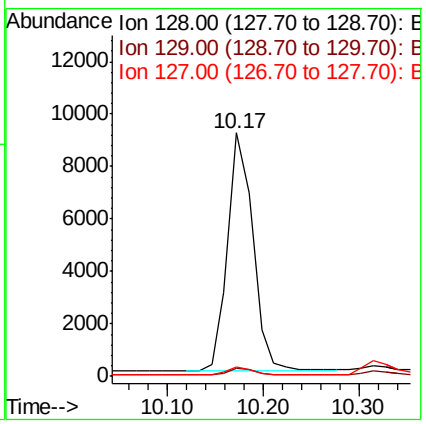


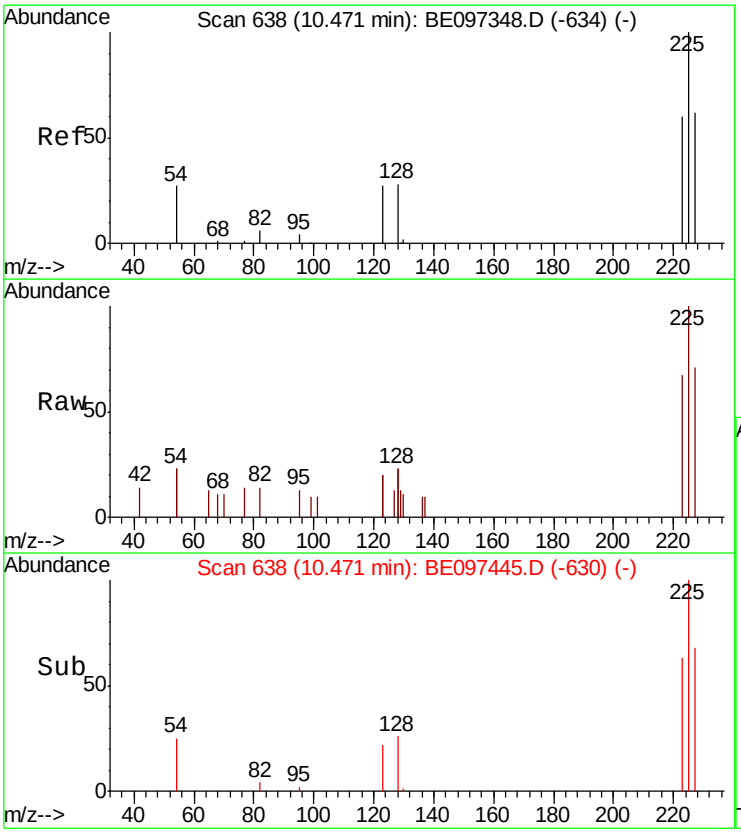
#9
Naphthalene
Concen: 0.412 ng
RT: 10.17 min Scan# 615
Delta R.T. -0.01 min
Lab File: BE097445.D
Acq: 10 Sep 2018 13:37

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:128 Resp: 16550

Ion	Ratio	Lower	Upper
128	100		
129	3.1	2.6	3.8
127	3.7	2.8	4.2

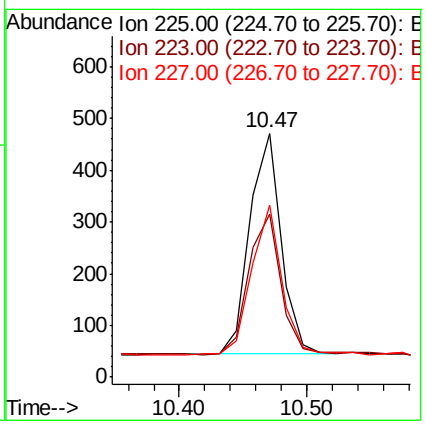


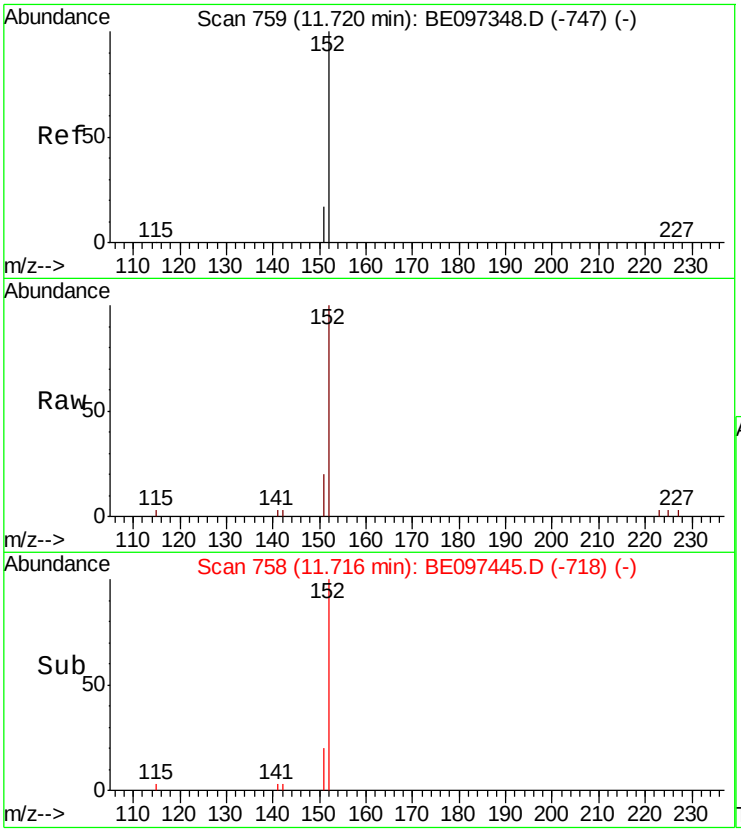


#10
Hexachlorobutadiene
Concen: 0.404 ng
RT: 10.47 min Scan# 638
Delta R.T. 0.00 min
Lab File: BE097445.D
Acq: 10 Sep 2018 13:37

Tgt Ion:225 Resp: 726

Ion	Ratio	Lower	Upper
225	100		
223	65.3	53.0	79.6
227	65.0	51.4	77.2



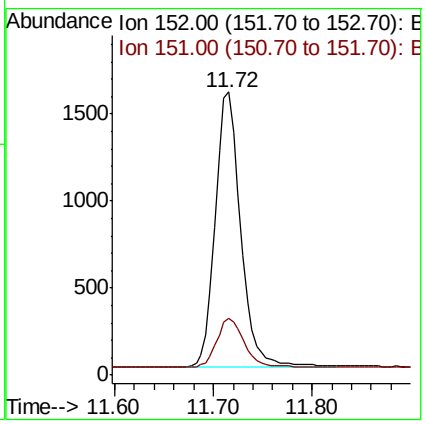


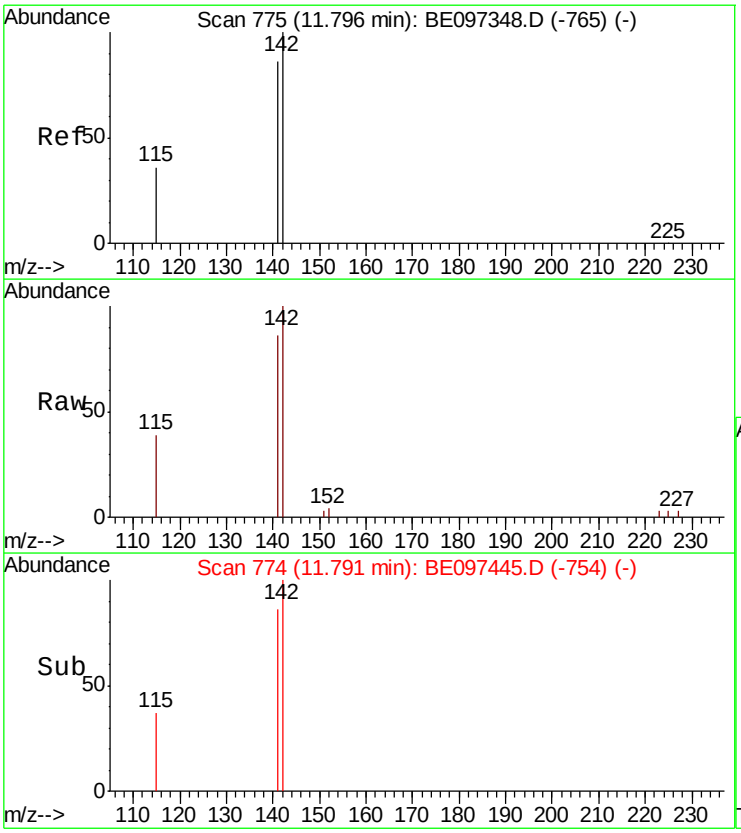
#11
2-Methylnaphthalene-d10
Concen: 0.457 ng
RT: 11.72 min Scan# 758
Delta R.T. -0.00 min
Lab File: BE097445.D
Acq: 10 Sep 2018 13:37

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 2812

Ion	Ratio	Lower	Upper
152	100		
151	19.0	15.4	23.0

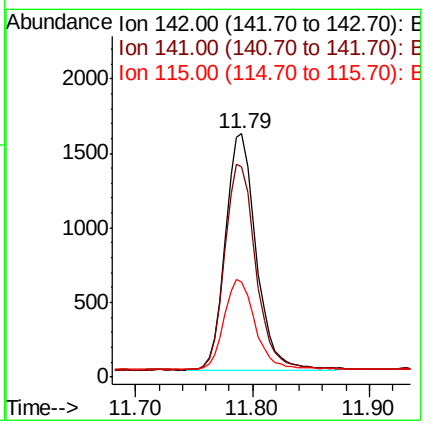


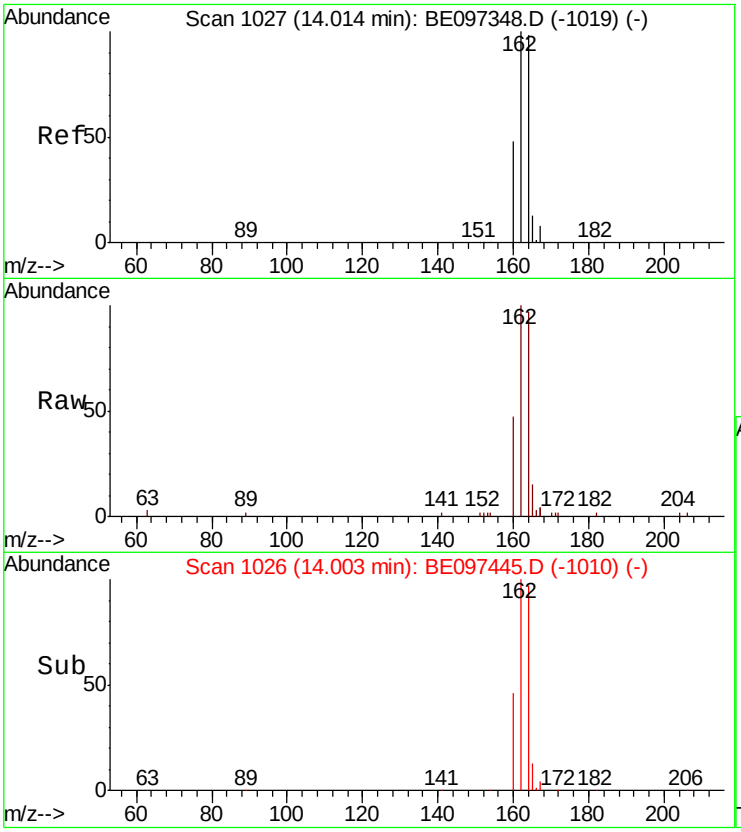


#12
2-Methylnaphthalene
Concen: 0.458 ng
RT: 11.79 min Scan# 774
Delta R.T. -0.00 min
Lab File: BE097445.D
Acq: 10 Sep 2018 13:37

Tgt Ion:142 Resp: 2901

Ion	Ratio	Lower	Upper
142	100		
141	86.5	70.4	105.6
115	38.9	31.7	47.5



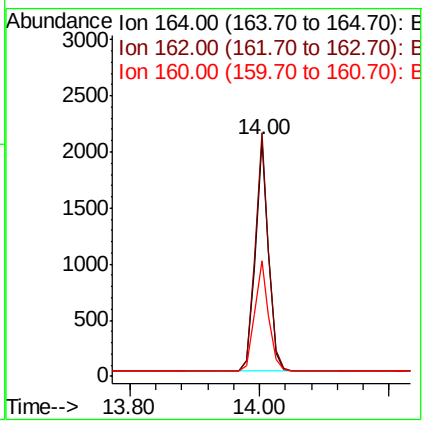


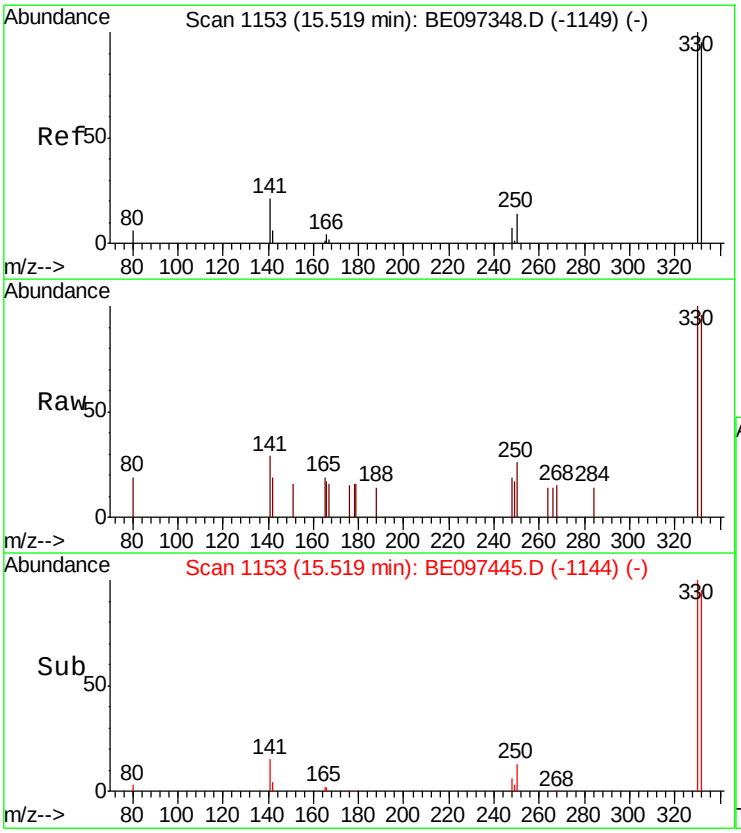
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.00 min Scan# 1026
Delta R.T. -0.01 min
Lab File: BE097445.D
Acq: 10 Sep 2018 13:37

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:164 Resp: 3011

Ion	Ratio	Lower	Upper
164	100		
162	103.2	83.1	124.7
160	48.7	37.1	55.7

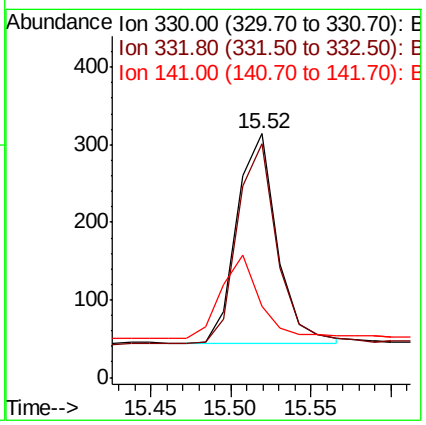


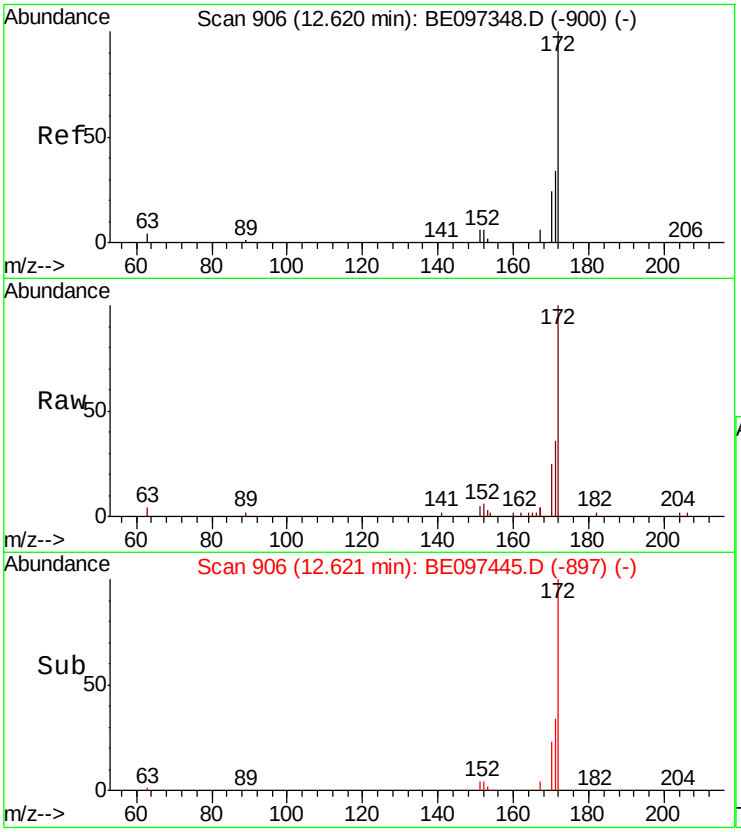


#14
2,4,6-Tribromophenol
Concen: 0.462 ng
RT: 15.52 min Scan# 1153
Delta R.T. -0.00 min
Lab File: BE097445.D
Acq: 10 Sep 2018 13:37

Tgt Ion:330 Resp: 470

Ion	Ratio	Lower	Upper
330	100		
332	94.3	152.7	229.1#
141	39.8	33.7	50.5



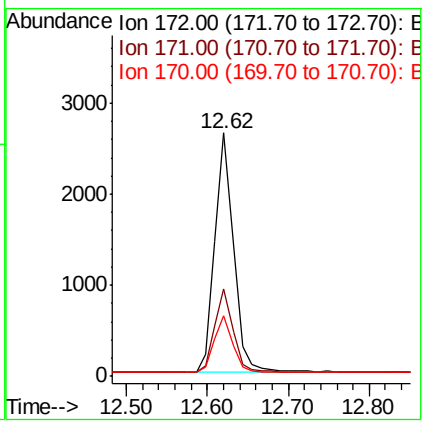


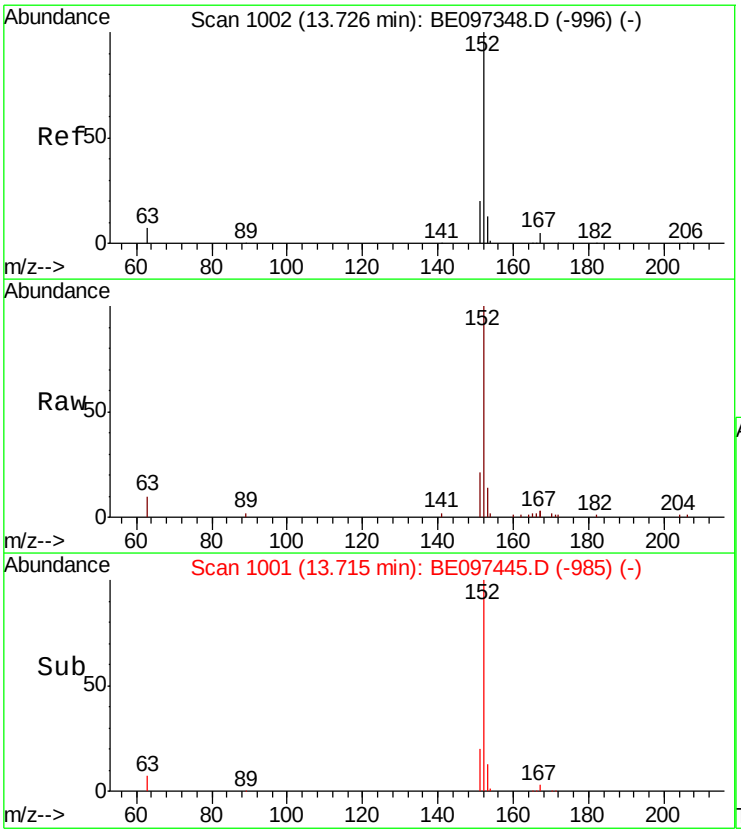
#15
2-Fluorobiphenyl
Concen: 0.386 ng
RT: 12.62 min Scan# 906
Delta R.T. 0.00 min
Lab File: BE097445.D
Acq: 10 Sep 2018 13:37

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:172 Resp: 4261

Ion	Ratio	Lower	Upper
172	100		
171	35.7	29.9	44.9
170	24.7	21.8	32.8

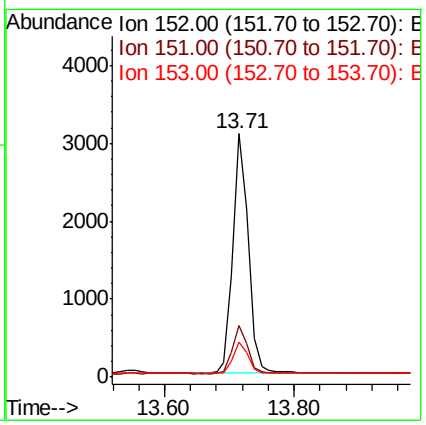


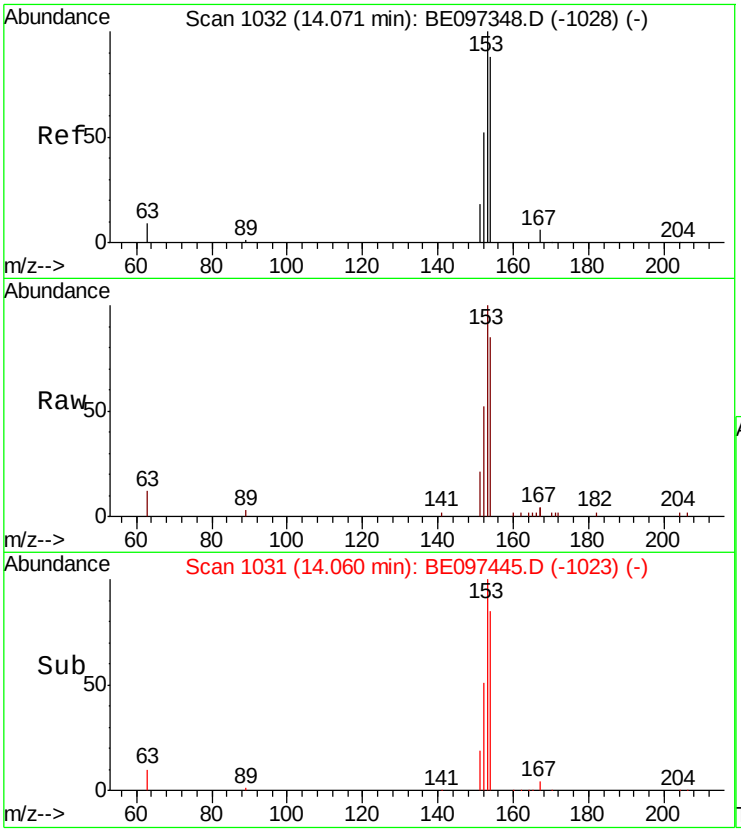


#16
Acenaphthylene
Concen: 0.420 ng
RT: 13.71 min Scan# 1001
Delta R.T. -0.01 min
Lab File: BE097445.D
Acq: 10 Sep 2018 13:37

Tgt Ion:152 Resp: 5026

Ion	Ratio	Lower	Upper
152	100		
151	19.8	15.7	23.5
153	13.1	10.5	15.7



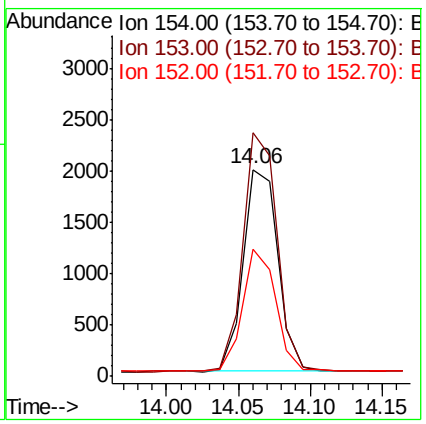


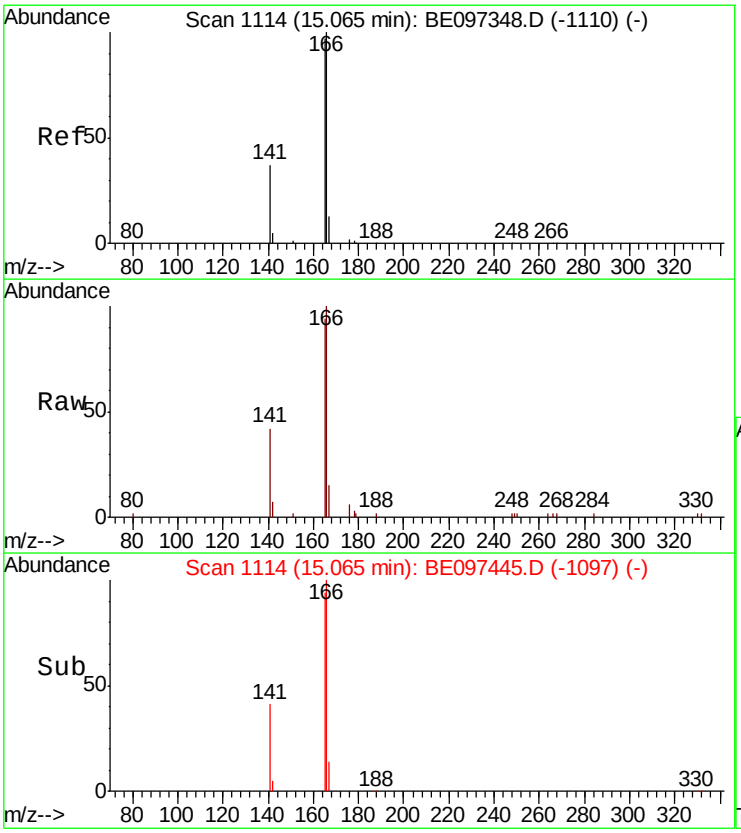
#17
Acenaphthene
Concen: 0.412 ng
RT: 14.06 min Scan# 1031
Delta R.T. -0.01 min
Lab File: BE097445.D
Acq: 10 Sep 2018 13:37

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:154 Resp: 3287

Ion	Ratio	Lower	Upper
154	100		
153	116.0	89.2	133.8
152	57.6	42.0	63.0

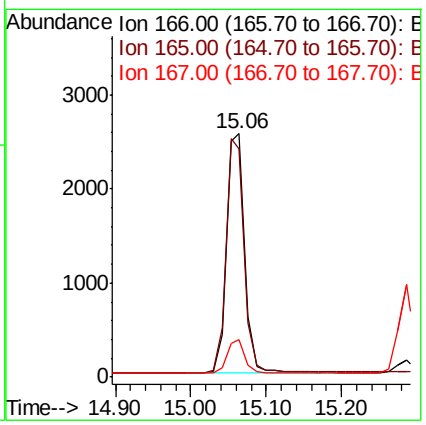


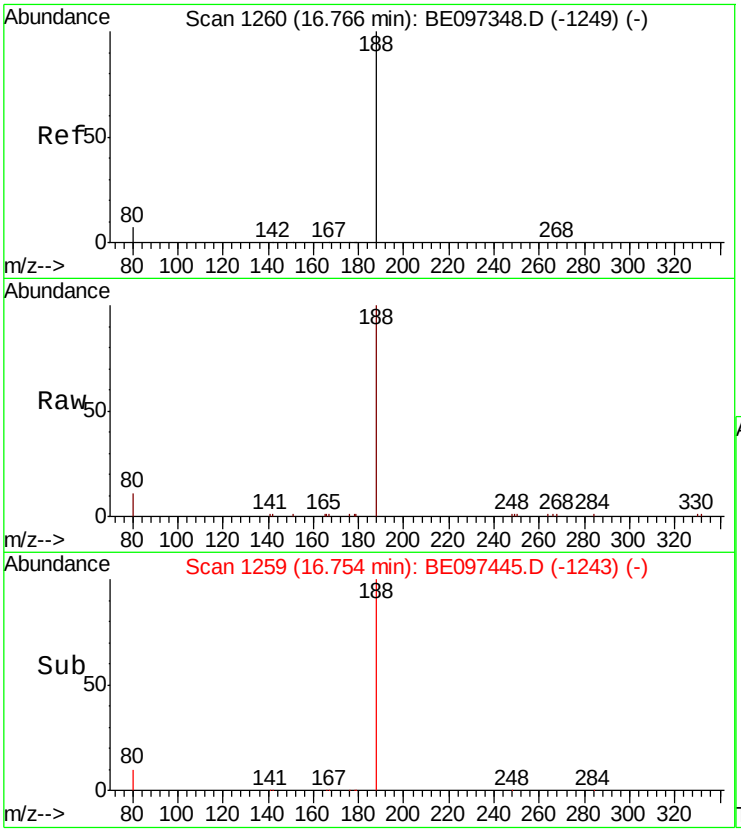


#18
Fluorene
Concen: 0.429 ng
RT: 15.06 min Scan# 1114
Delta R.T. -0.00 min
Lab File: BE097445.D
Acq: 10 Sep 2018 13:37

Tgt Ion:166 Resp: 4339

Ion	Ratio	Lower	Upper
166	100		
165	97.3	77.8	116.6
167	13.4	42.4	63.6#



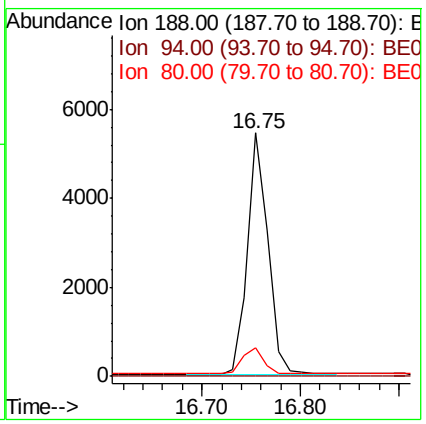


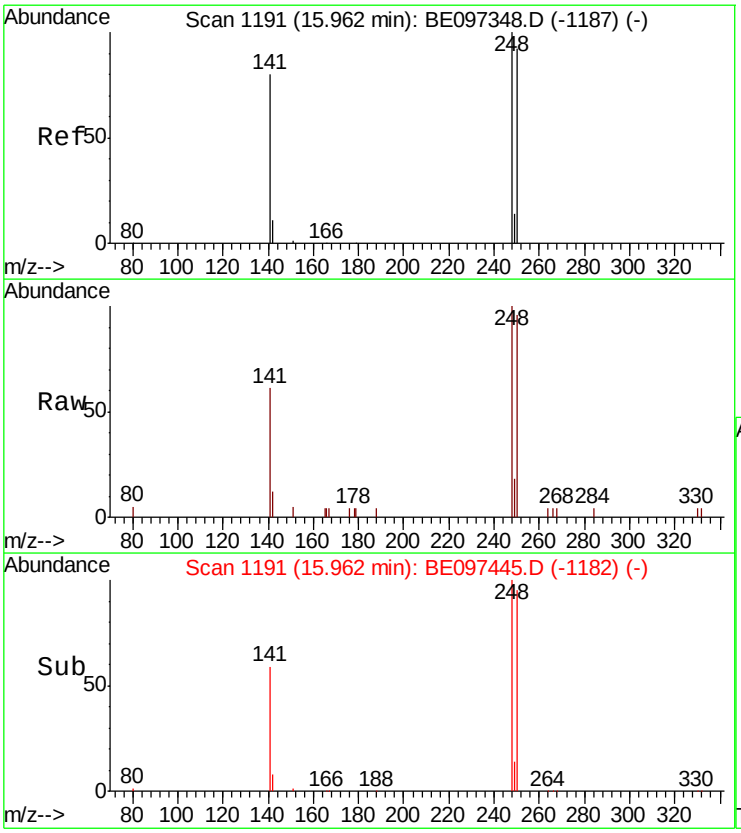
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.75 min Scan# 1259
Delta R.T. -0.01 min
Lab File: BE097445.D
Acq: 10 Sep 2018 13:37

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:188 Resp: 7812

Ion	Ratio	Lower	Upper
188	100		
94	0.0	3.9	5.9#
80	11.5	3.6	5.4#

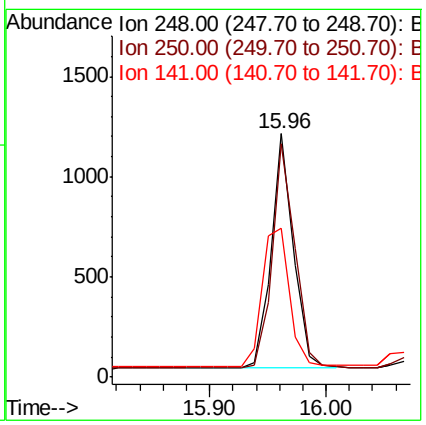


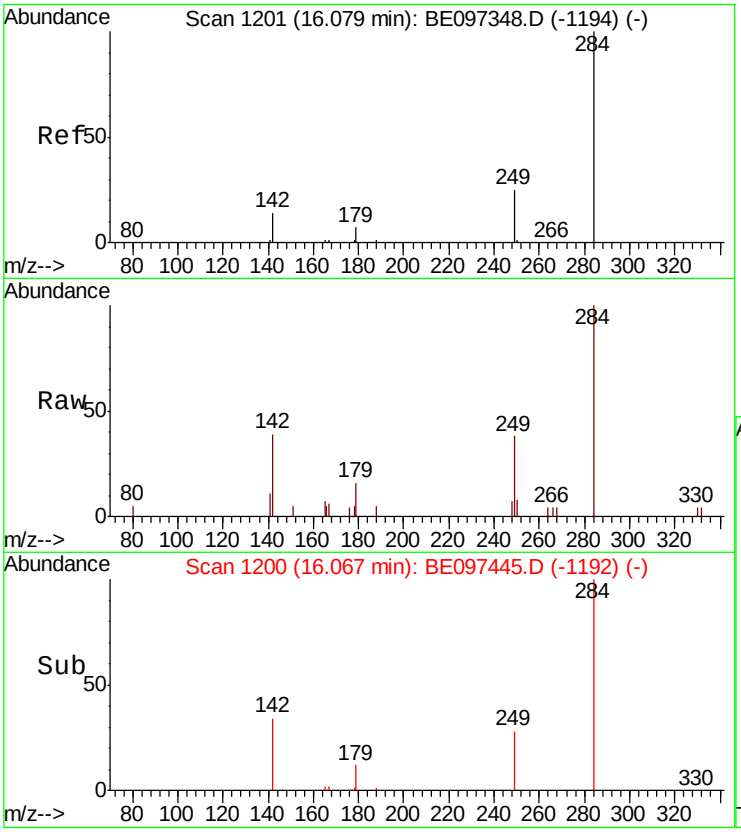


#20
4-Bromophenyl-phenylether
Concen: 0.434 ng
RT: 15.96 min Scan# 1191
Delta R.T. -0.00 min
Lab File: BE097445.D
Acq: 10 Sep 2018 13:37

Tgt Ion:248 Resp: 1543

Ion	Ratio	Lower	Upper
248	100		
250	95.6	62.7	94.1#
141	61.1	48.2	72.2



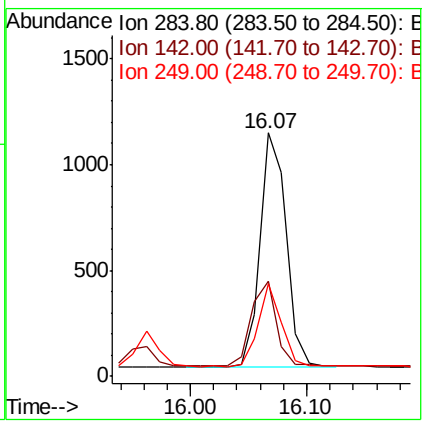


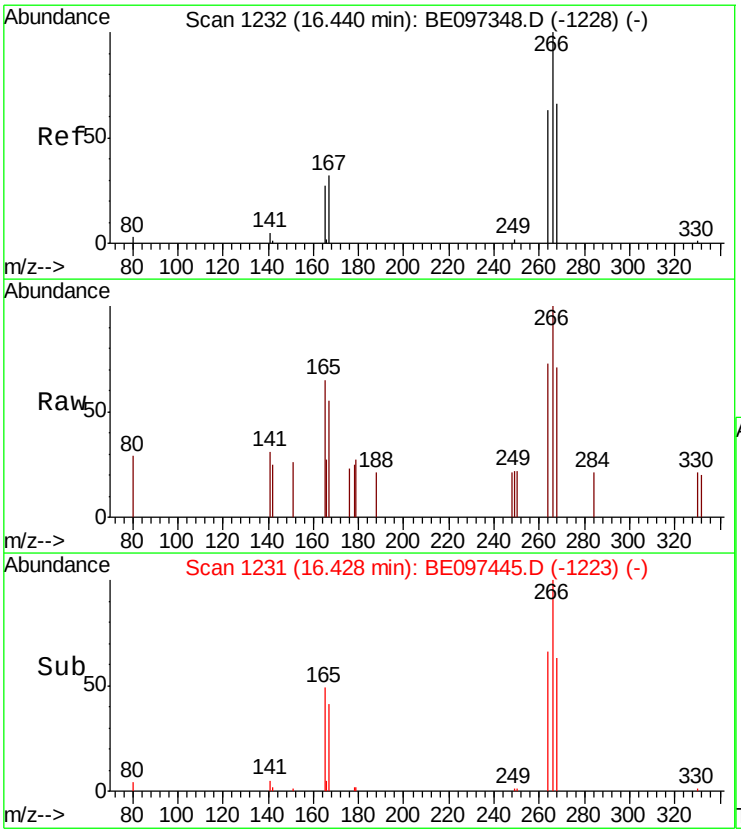
#21
Hexachlorobenzene
Concen: 0.439 ng
RT: 16.07 min Scan# 1200
Delta R.T. -0.01 min
Lab File: BE097445.D
Acq: 10 Sep 2018 13:37

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:284 Resp: 1724

Ion	Ratio	Lower	Upper
284	100		
142	34.7	22.1	33.1#
249	31.4	34.8	52.2#

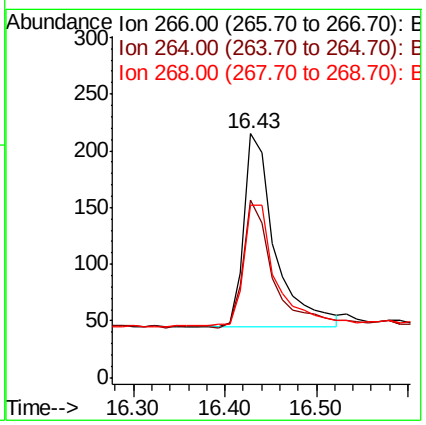


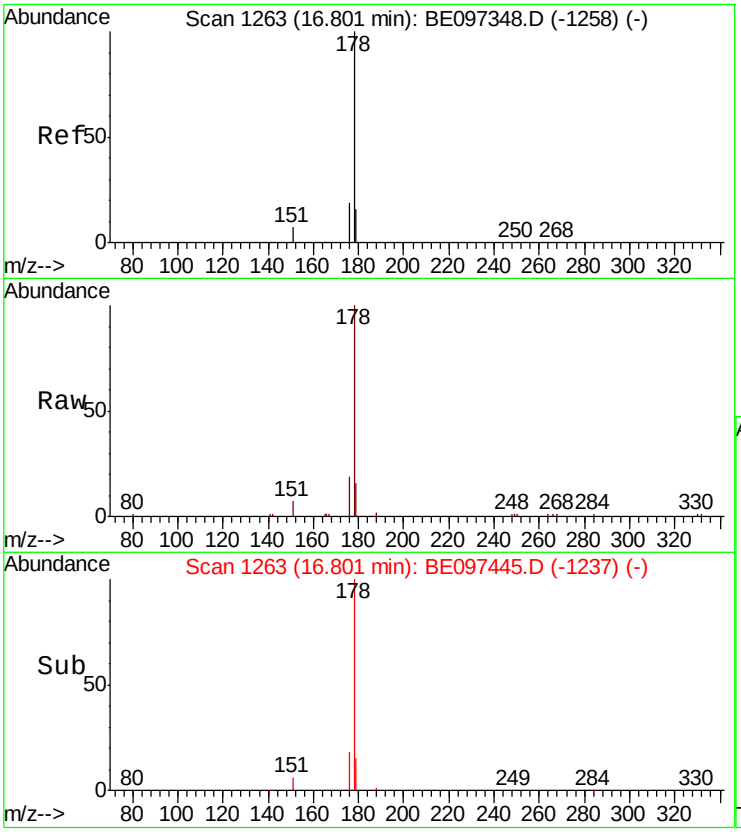


#22
Pentachlorophenol
Concen: 0.465 ng
RT: 16.43 min Scan# 1231
Delta R.T. -0.01 min
Lab File: BE097445.D
Acq: 10 Sep 2018 13:37

Tgt Ion:266 Resp: 401

Ion	Ratio	Lower	Upper
266	100		
264	73.0	72.5	108.7
268	70.7	73.8	110.6#



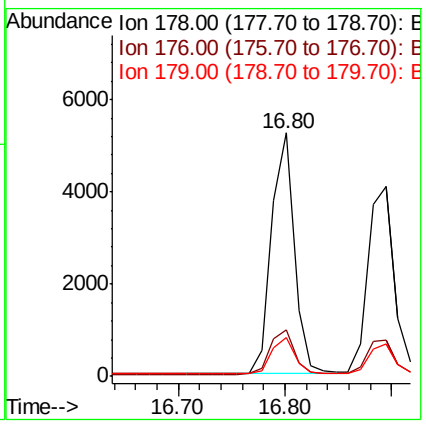


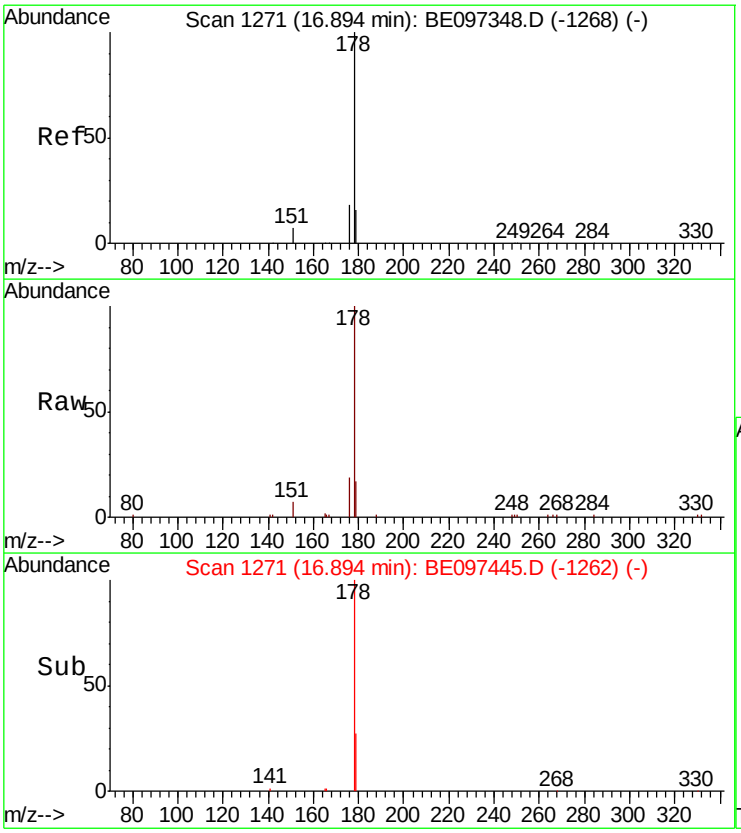
#23
Phenanthrene
Concen: 0.420 ng
RT: 16.80 min Scan# 1263
Delta R.T. -0.00 min
Lab File: BE097445.D
Acq: 10 Sep 2018 13:37

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:178 Resp: 7814

Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.1	22.7
179	15.1	11.8	17.6

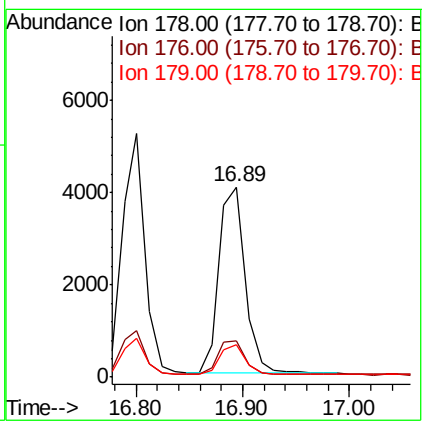


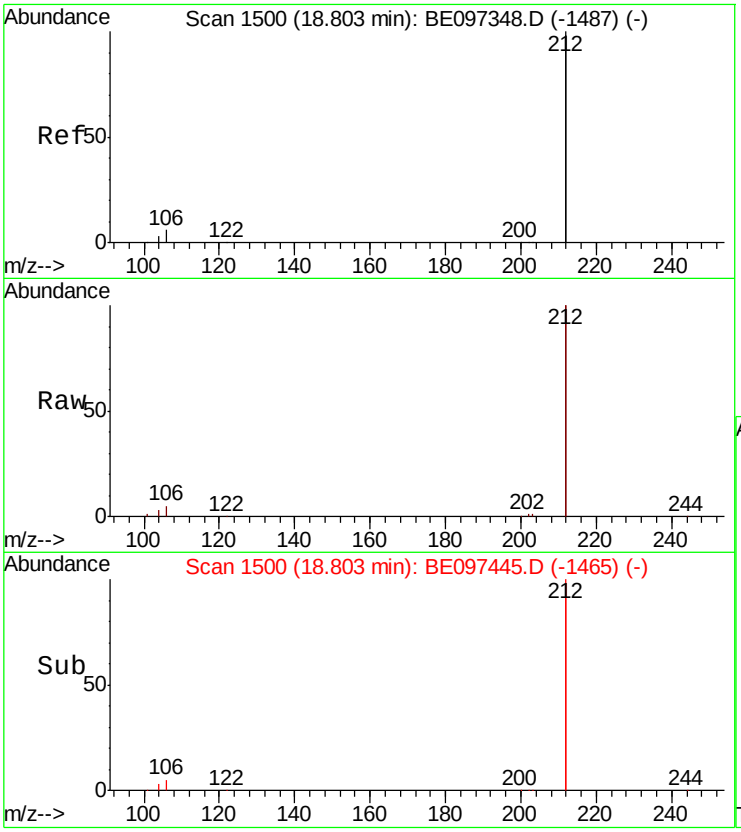


#24
Anthracene
Concen: 0.437 ng
RT: 16.89 min Scan# 1271
Delta R.T. -0.00 min
Lab File: BE097445.D
Acq: 10 Sep 2018 13:37

Tgt Ion:178 Resp: 6912

Ion	Ratio	Lower	Upper
178	100		
176	19.1	12.8	19.2
179	15.5	13.0	19.6



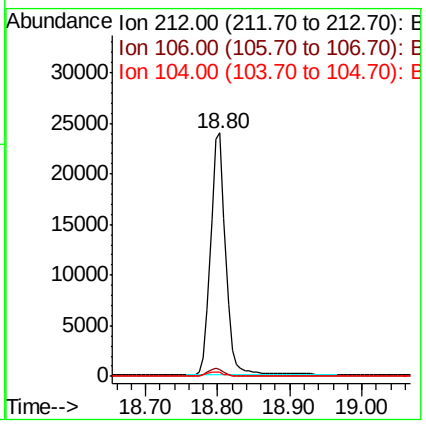


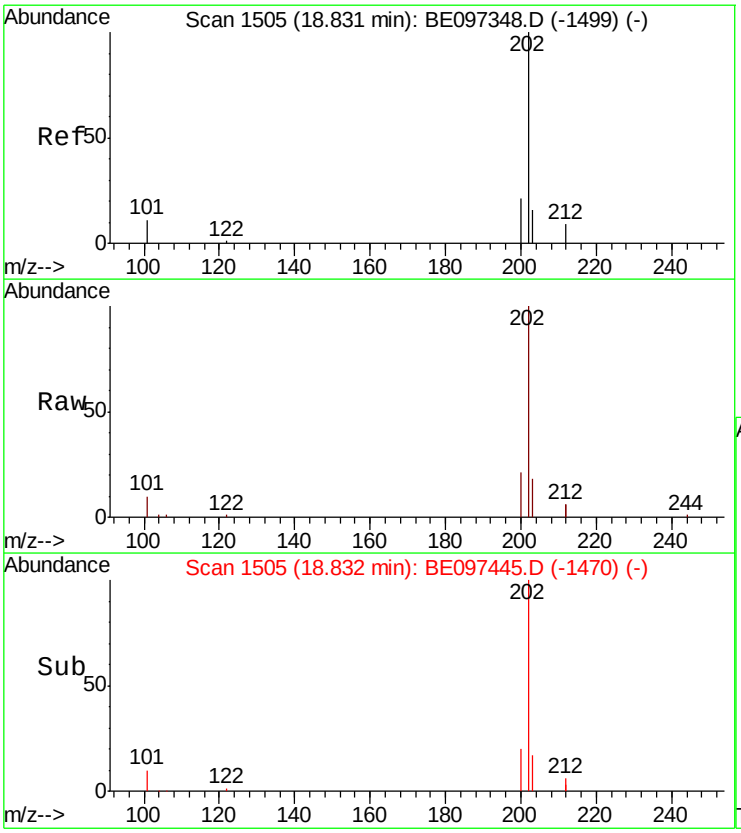
#25
Fluoranthene-d10
Concen: 0.383 ng
RT: 18.80 min Scan# 1500
Delta R.T. 0.00 min
Lab File: BE097445.D
Acq: 10 Sep 2018 13:37

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:212 Resp: 34322

Ion	Ratio	Lower	Upper
212	100		
106	3.0	2.8	4.2
104	1.7	1.6	2.4

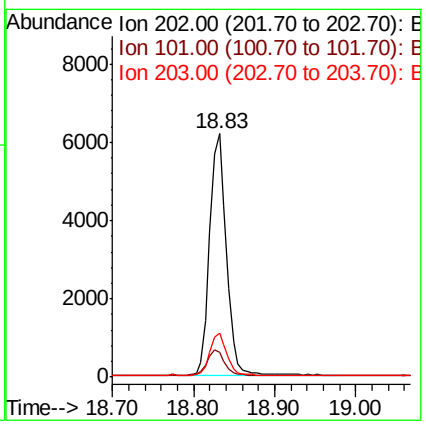


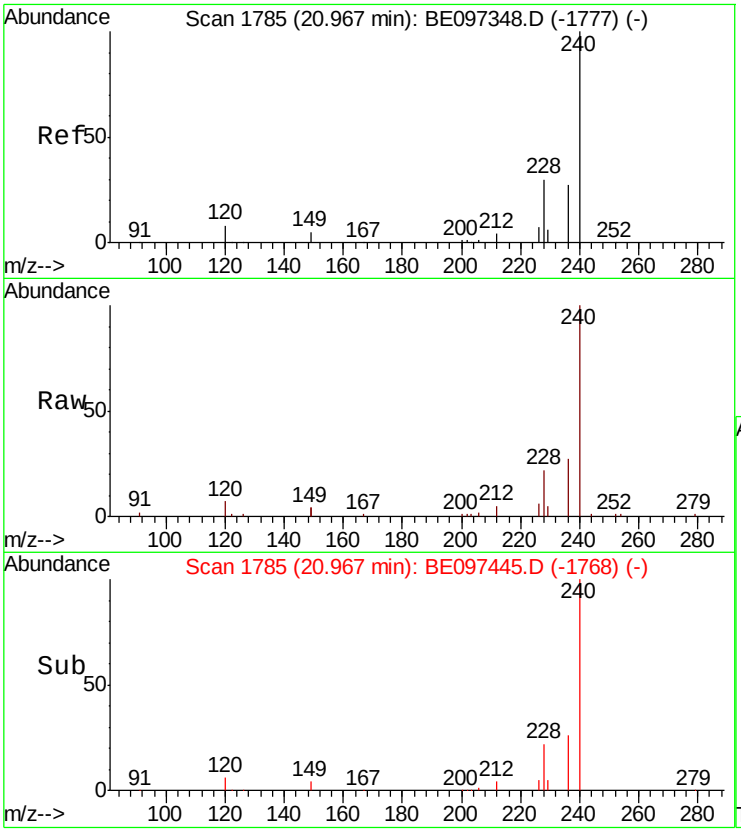


#26
Fluoranthene
Concen: 0.377 ng
RT: 18.83 min Scan# 1505
Delta R.T. 0.00 min
Lab File: BE097445.D
Acq: 10 Sep 2018 13:37

Tgt Ion:202 Resp: 8795

Ion	Ratio	Lower	Upper
202	100		
101	10.9	9.8	14.8
203	17.1	13.7	20.5



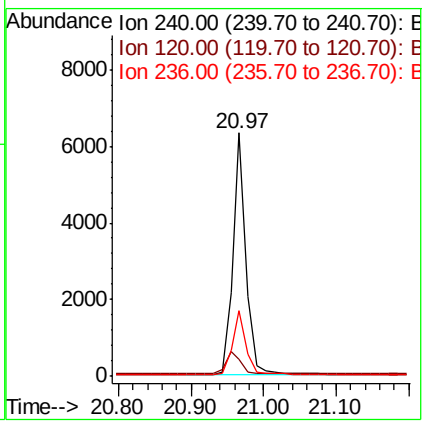


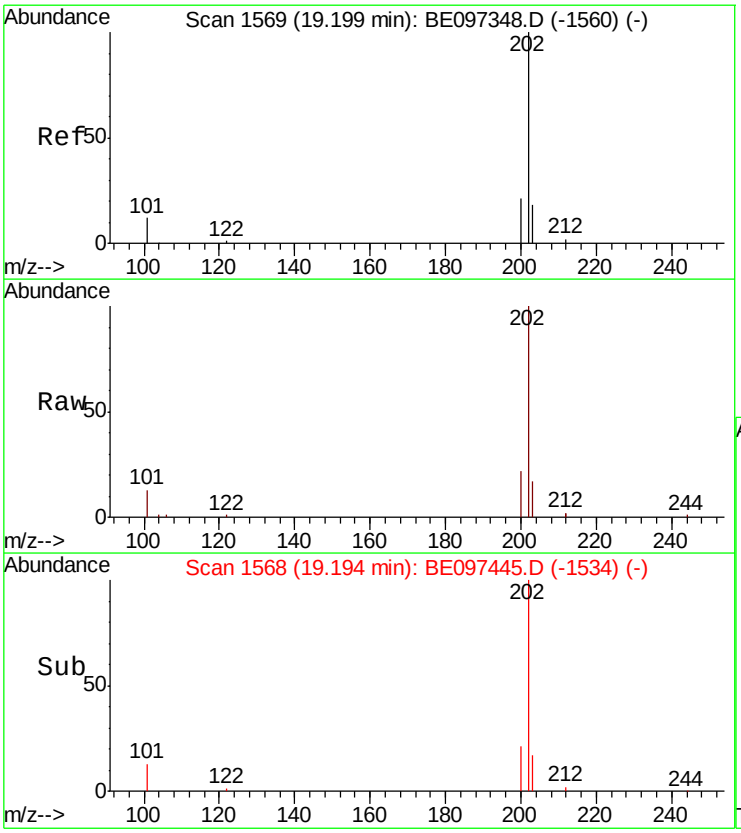
#27
Chrysene-d12
Concen: 0.400 ng
RT: 20.97 min Scan# 1785
Delta R.T. -0.00 min
Lab File: BE097445.D
Acq: 10 Sep 2018 13:37

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:240 Resp: 8057

Ion	Ratio	Lower	Upper
240	100		
120	7.1	5.5	8.3
236	27.0	20.7	31.1

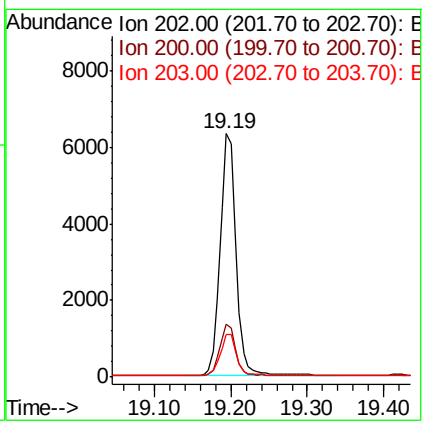


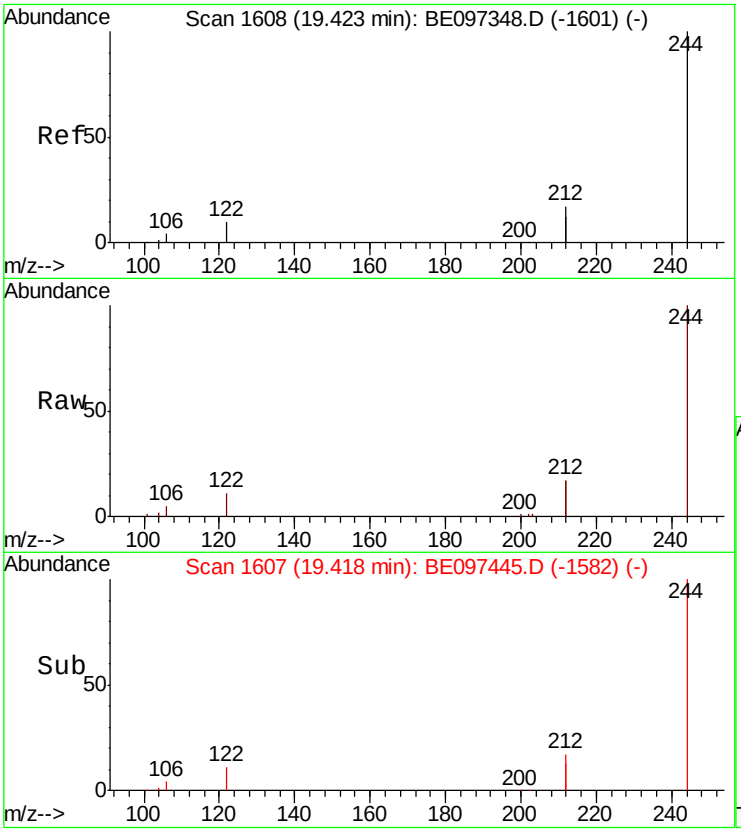


#28
Pyrene
Concen: 0.470 ng
RT: 19.19 min Scan# 1568
Delta R.T. -0.01 min
Lab File: BE097445.D
Acq: 10 Sep 2018 13:37

Tgt Ion:202 Resp: 9017

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



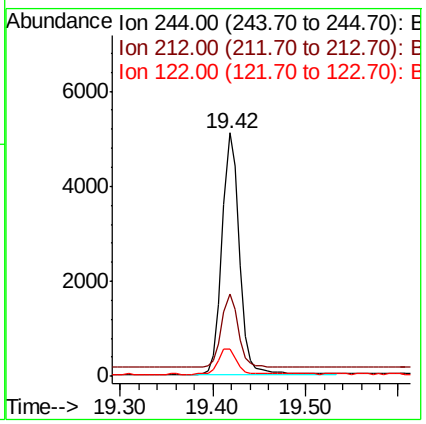


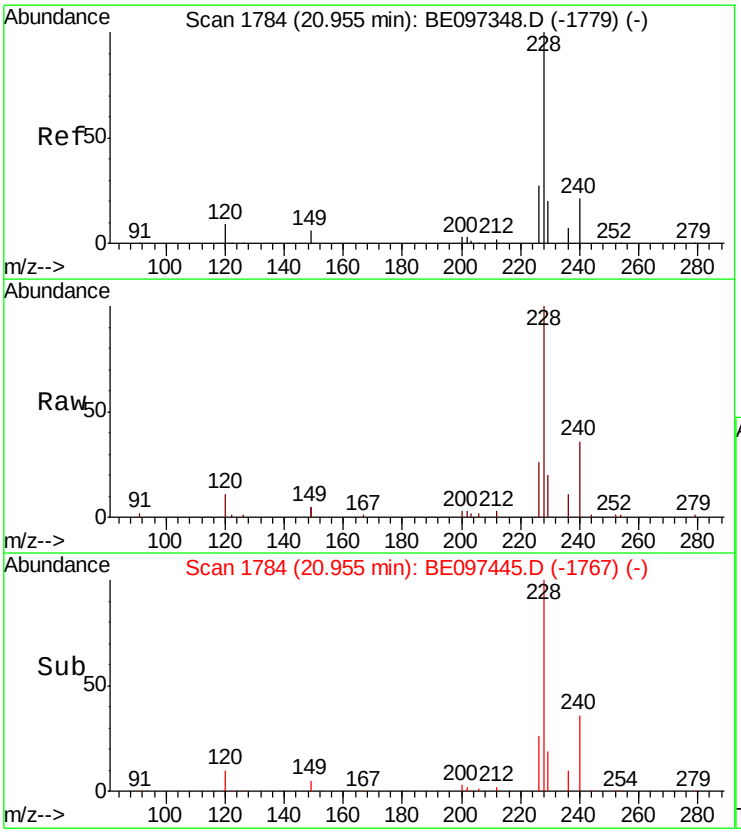
#29
Terphenyl-d14
Concen: 0.437 ng
RT: 19.42 min Scan# 1607
Delta R.T. -0.01 min
Lab File: BE097445.D
Acq: 10 Sep 2018 13:37

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:244 Resp: 6498

Ion	Ratio	Lower	Upper
244	100		
212	33.9	25.4	38.0
122	11.4	8.1	12.1

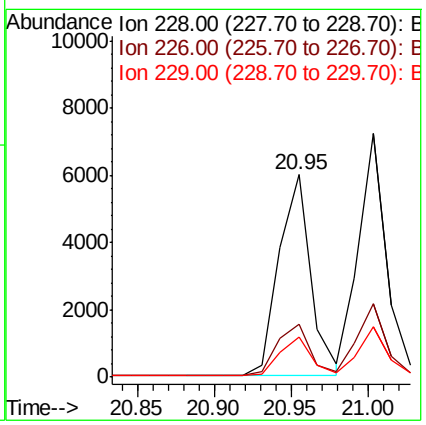


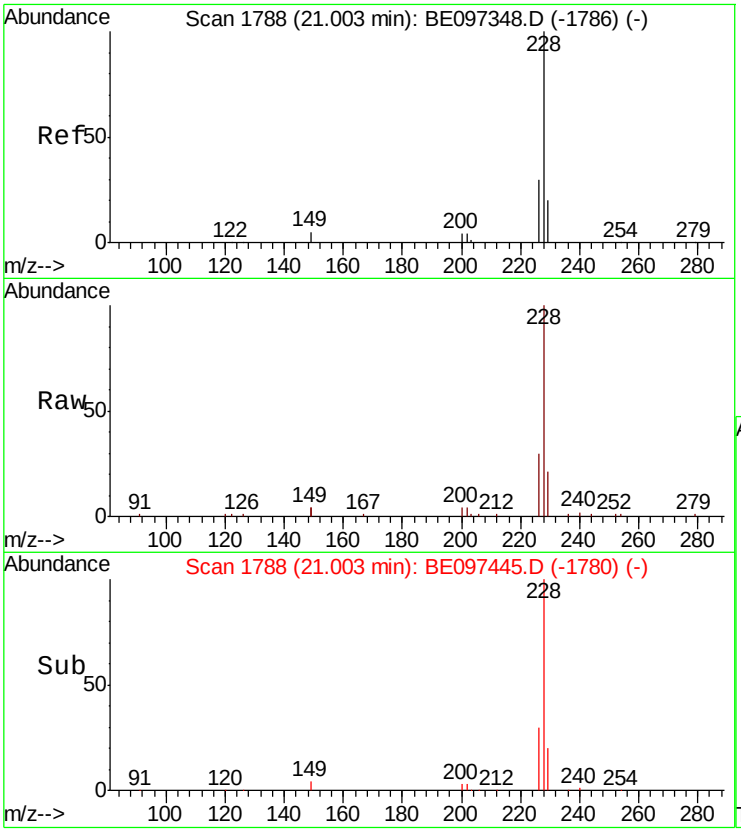


#30
Benzo(a)anthracene
Concen: 0.421 ng
RT: 20.95 min Scan# 1784
Delta R.T. -0.00 min
Lab File: BE097445.D
Acq: 10 Sep 2018 13:37

Tgt Ion:228 Resp: 8577

Ion	Ratio	Lower	Upper
228	100		
226	26.3	24.0	36.0
229	20.0	16.0	24.0



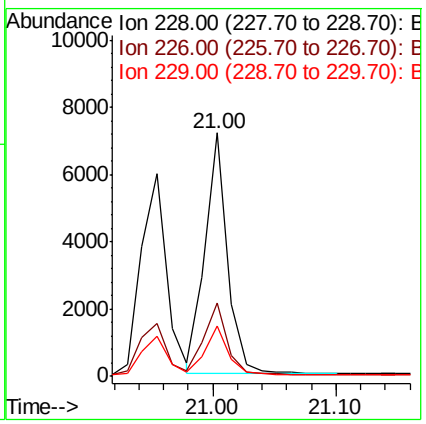


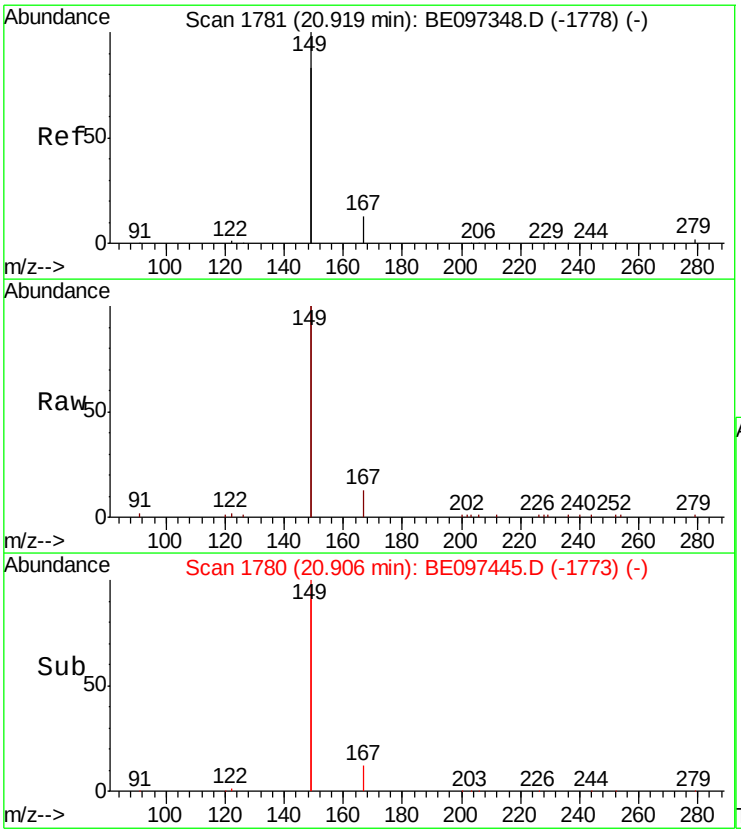
#31
Chrysene
Concen: 0.414 ng
RT: 21.00 min Scan# 1788
Delta R.T. -0.00 min
Lab File: BE097445.D
Acq: 10 Sep 2018 13:37

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:228 Resp: 9092

Ion	Ratio	Lower	Upper
228	100		
226	30.2	24.0	36.0
229	20.6	16.0	24.0

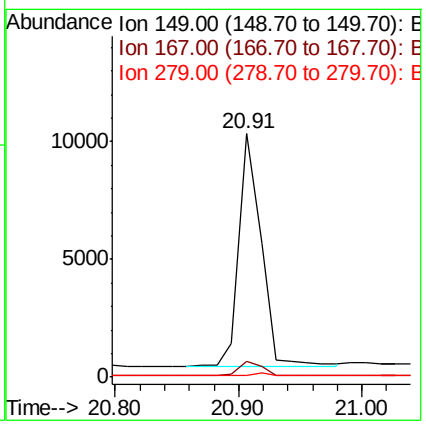


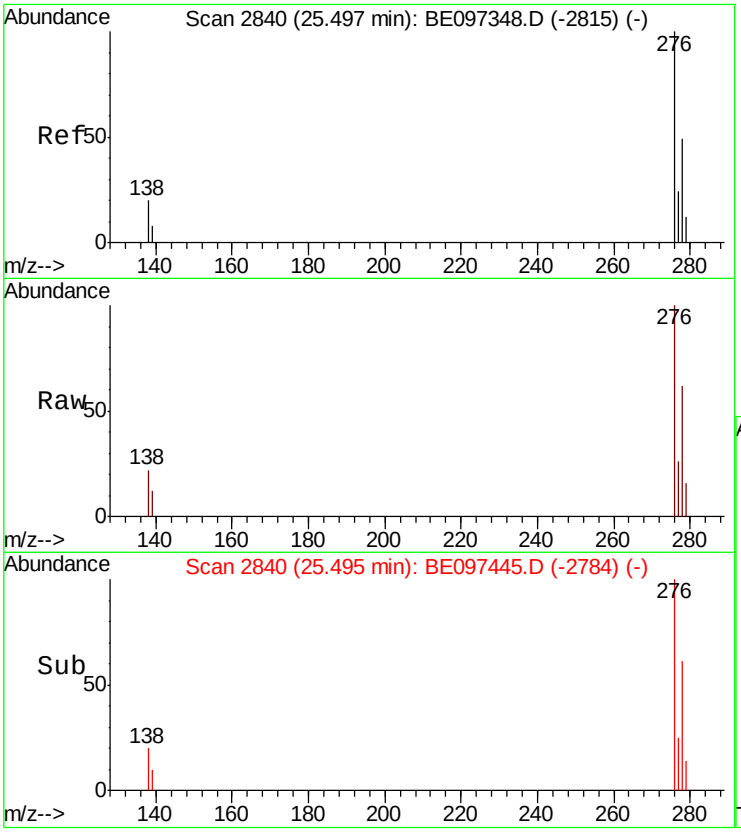


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.501 ng
RT: 20.91 min Scan# 1780
Delta R.T. -0.01 min
Lab File: BE097445.D
Acq: 10 Sep 2018 13:37

Tgt Ion:149 Resp: 12156

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



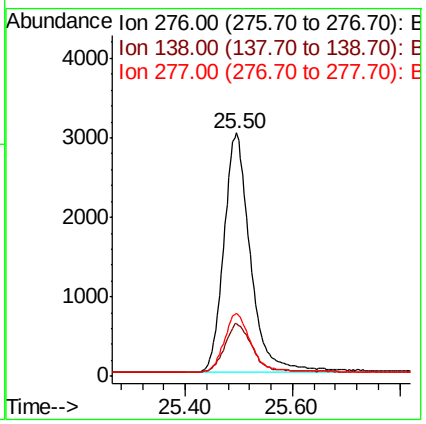


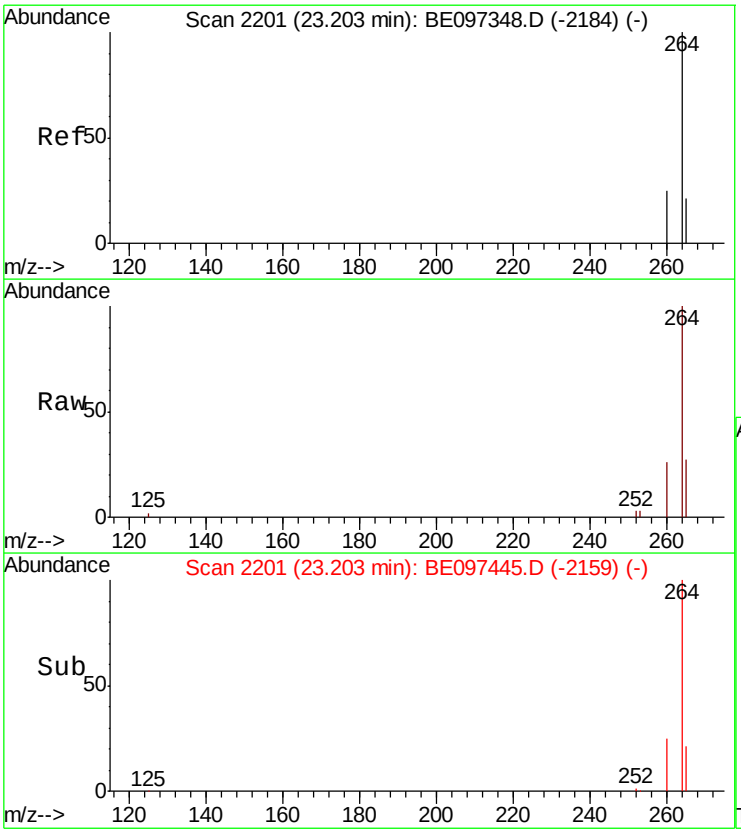
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.372 ng
RT: 25.50 min Scan# 2840
Delta R.T. -0.00 min
Lab File: BE097445.D
Acq: 10 Sep 2018 13:37

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 10371

Ion	Ratio	Lower	Upper
276	100		
138	20.8	22.5	33.7#
277	24.6	19.9	29.9

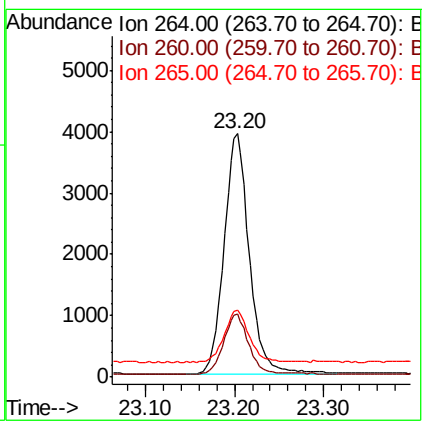


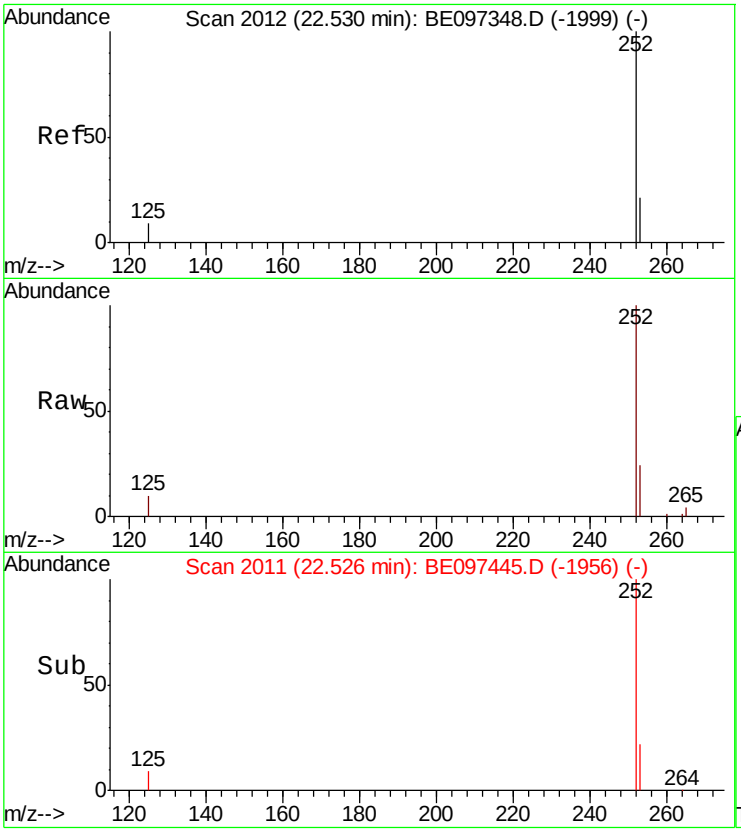


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.20 min Scan# 2201
Delta R.T. -0.00 min
Lab File: BE097445.D
Acq: 10 Sep 2018 13:37

Tgt Ion:264 Resp: 7777

Ion	Ratio	Lower	Upper
264	100		
260	25.8	20.5	30.7
265	27.3	22.8	34.2



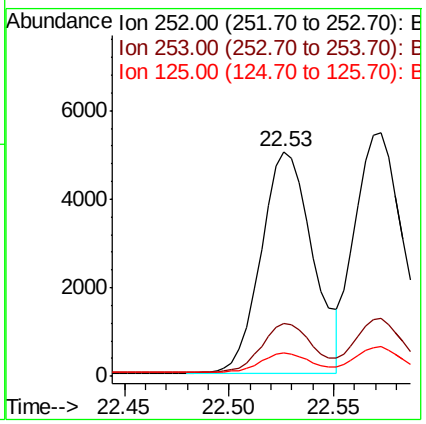


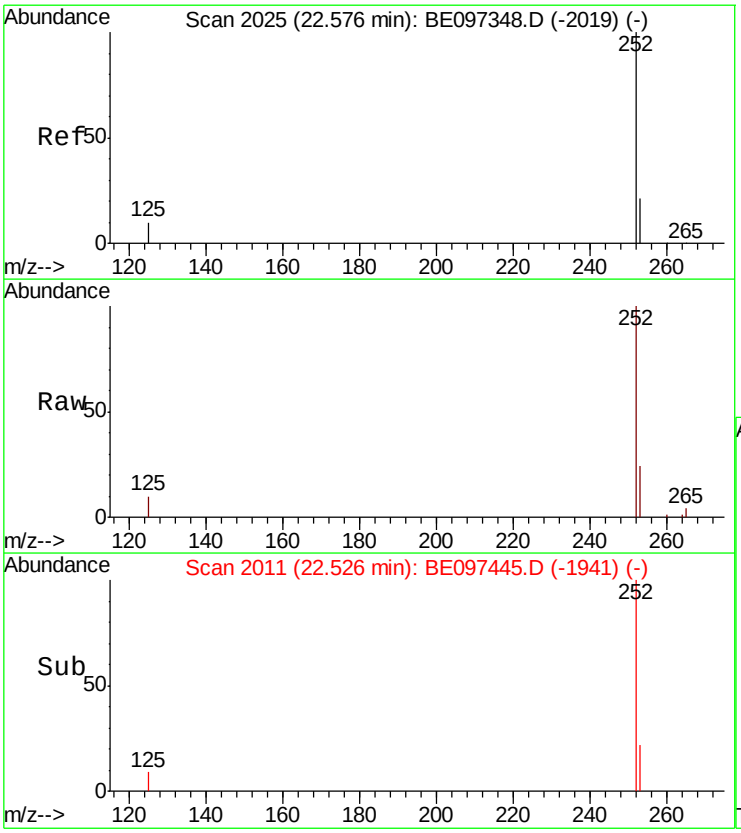
#35
Benzo(b)fluoranthene
Concen: 0.411 ng
RT: 22.53 min Scan# 2011
Delta R.T. -0.00 min
Lab File: BE097445.D
Acq: 10 Sep 2018 13:37

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 8572

Ion	Ratio	Lower	Upper
252	100		
253	23.8	20.0	30.0
125	10.3	16.0	24.0#

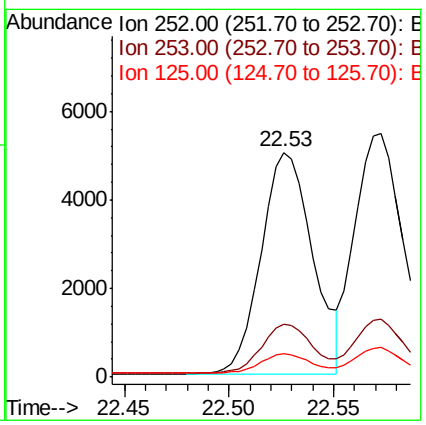


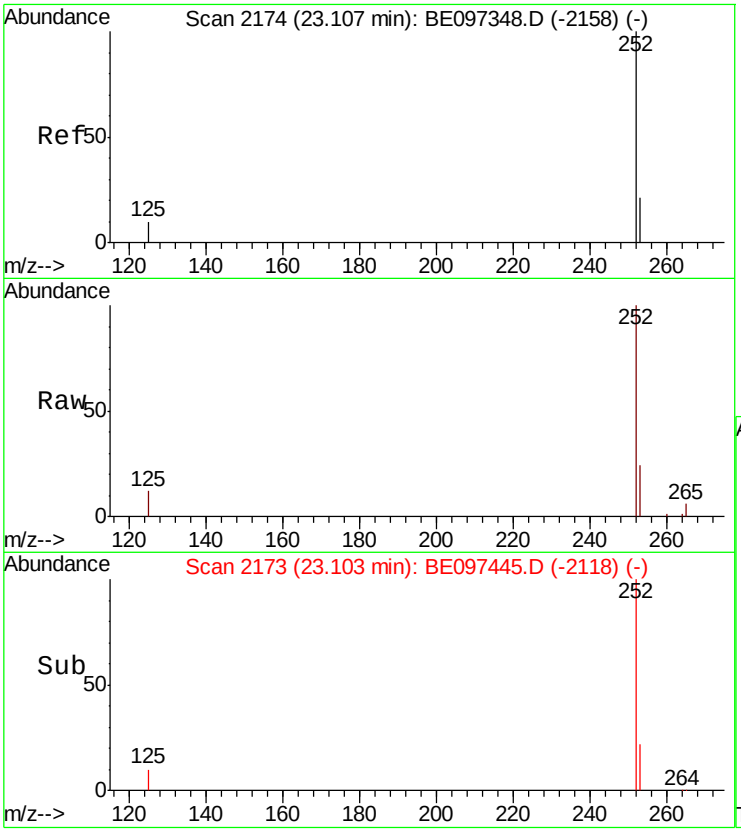


#36
Benzo(k)fluoranthene
Concen: 0.373 ng
RT: 22.53 min Scan# 2011
Delta R.T. -0.05 min
Lab File: BE097445.D
Acq: 10 Sep 2018 13:37

Tgt Ion:252 Resp: 8572

Ion	Ratio	Lower	Upper
252	100		
253	23.8	16.0	24.0
125	10.3	8.0	12.0



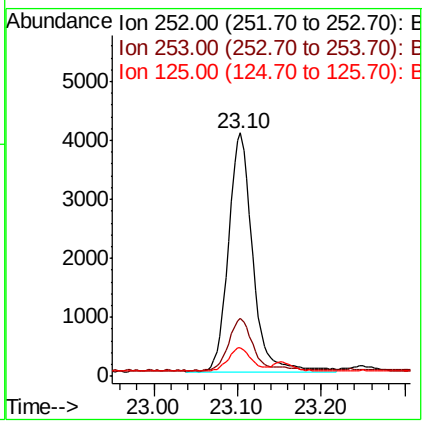


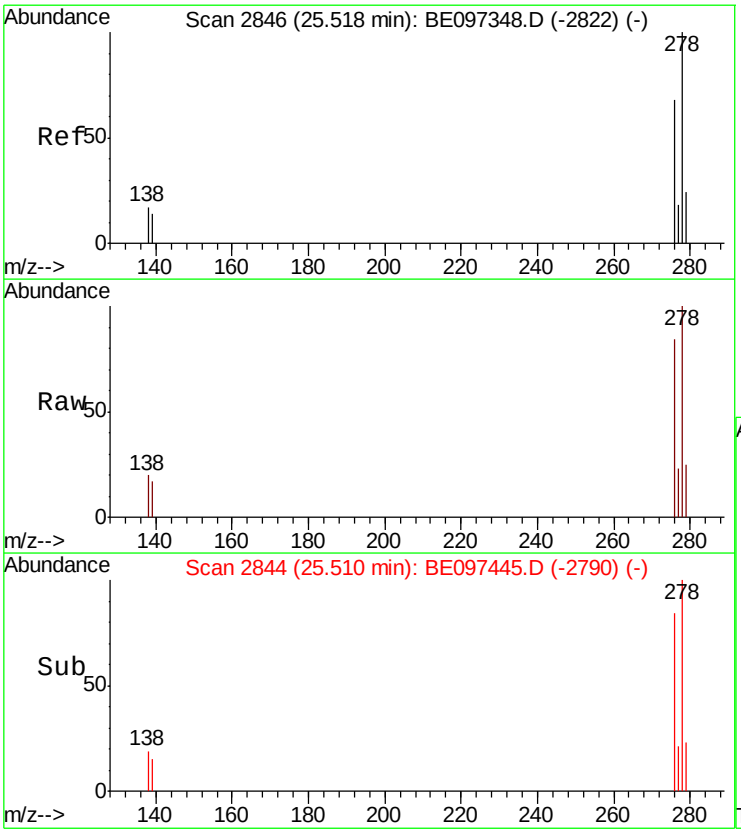
#37
Benzo(a)pyrene
Concen: 0.403 ng
RT: 23.10 min Scan# 2173
Delta R.T. -0.00 min
Lab File: BE097445.D
Acq: 10 Sep 2018 13:37

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 8090

Ion	Ratio	Lower	Upper
252	100		
253	23.9	16.0	24.0
125	11.7	12.0	18.0#

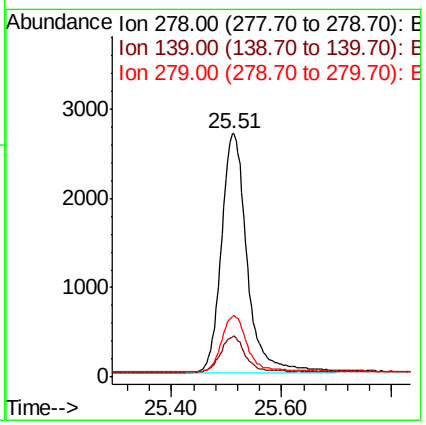


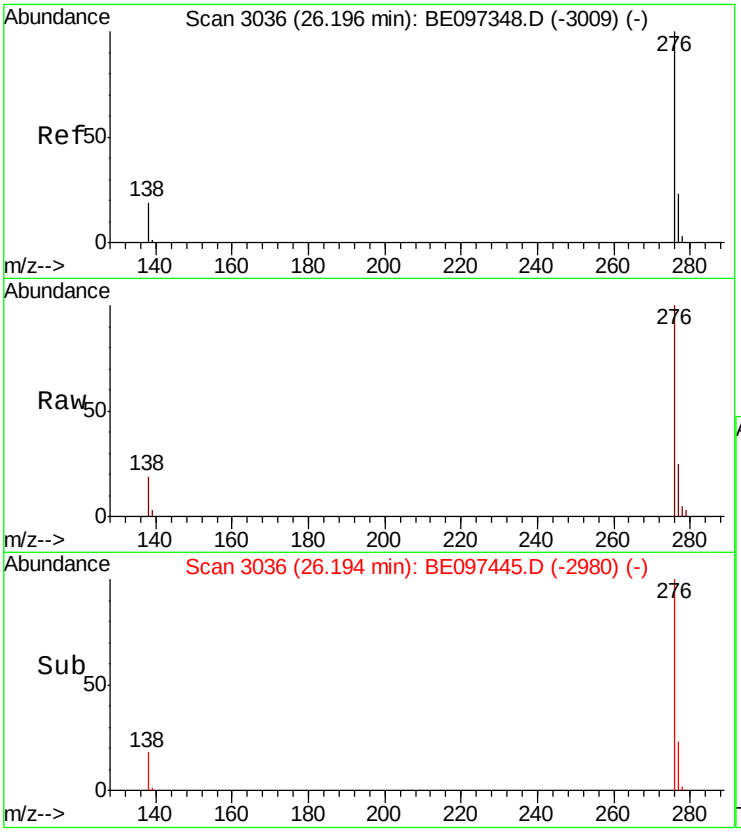


#38
Dibenzo(a,h)anthracene
Concen: 0.363 ng
RT: 25.51 min Scan# 2844
Delta R.T. -0.01 min
Lab File: BE097445.D
Acq: 10 Sep 2018 13:37

Tgt Ion:278 Resp: 8662

Ion	Ratio	Lower	Upper
278	100		
139	16.7	16.0	24.0
279	24.9	20.0	30.0





#39
Benzo(g,h,i)perylene
Concen: 0.341 ng
RT: 26.19 min Scan# 3036
Delta R.T. -0.00 min
Lab File: BE097445.D
Acq: 10 Sep 2018 13:37

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 8463

Ion	Ratio	Lower	Upper
276	100		
277	25.0	16.0	24.0#
138	19.5	20.0	30.0#