Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE100518\
Data File : BE097747.D
Acq On : 5 Oct 2018 9:57
Operator : SJ/JU
Sample : PB113432BSD
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId :

Quant Time: Oct 05 14:04:14 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE100318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 03 12:17:19 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.89	152	4491	0.40	ng		-0.01
7) Naphthalene-d8	10.69	136	16550	0.40	ng		0.00
13) Acenaphthene-d10	14.56	164	7890	0.40	ng		0.00
19) Phenanthrene-d10	17.29	188	17451	0.40	ng		-0.01
27) Chrysene-d12	21.49	240	17557	0.40	ng		0.00
34) Perylene-d12	24.03	264	16784	0.40	ng		-0.01
System Monitoring Compounds							
4) 2-Fluorophenol	5.47	112	4246	0.40	ng		0.00
5) Phenol-d6	7.05	99	5773	0.35	ng		0.00
8) Nitrobenzene-d5	9.04	82	3554	0.66	ng		0.00
11) 2-Methylnaphthalene-d10	12.30	152	13239	0.50	ng		0.00
14) 2,4,6-Tribromophenol	16.03	330	534	0.37	ng		-0.01
15) 2-Fluorobiphenyl	13.17	172	14175	0.41	ng		-0.02
25) Fluoranthene-d10	19.33	212	77380	0.35	ng		0.00
29) Terphenyl-d14	19.93	244	13516	0.38	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.41	88	3538	0.395	ng		96
3) n-Nitrosodimethylamine	3.71	42	3160	0.388	ng	#	91
6) bis(2-Chloroethyl)ether	7.31	93	5730	0.340	ng		96
9) Naphthalene	10.74	128	69080	0.414	ng		99
10) Hexachlorobutadiene	11.03	225	3358	0.379	ng		98
12) 2-Methylnaphthalene	12.37	142	10795	0.404	ng		99
16) Acenaphthylene	14.27	152	13391	0.383	ng		98
17) Acenaphthene	14.61	154	8428	0.377	ng		100
18) Fluorene	15.59	166	11007	0.370	ng		99
20) 4-Bromophenyl-phenylether	16.50	248	3663	0.400	ng	#	90
21) Hexachlorobenzene	16.60	284	3978	0.386	ng		99
22) Pentachlorophenol	16.94	266	1266	0.784	ng		97
23) Phenanthrene	17.34	178	18792	0.418	ng		99
24) Anthracene	17.43	178	15482	0.399	ng		99
26) Fluoranthene	19.36	202	20718	0.362	ng		99
28) Pyrene	19.72	202	20729	0.465	ng		100
30) Benzo(a)anthracene	21.46	228	19557	0.414	ng		98
31) Chrysene	21.52	228	23775	0.451	ng		98
32) Bis(2-ethylhexyl)phthalate	21.41	149	14891	0.431	ng		99
33) Indeno(1,2,3-cd)pyrene	26.72	276	23924	0.522	ng	#	89
35) Benzo(b)fluoranthene	23.25	252	20161	0.438	ng		100
36) Benzo(k)fluoranthene	23.30	252	22053	0.432	ng		97
37) Benzo(a)pyrene	23.92	252	18749	0.450	ng		97
38) Dibenzo(a,h)anthracene	26.76	278	20586	0.501	ng		95
39) Benzo(g,h,i)perylene	27.55	276	22600	0.526	ng		99

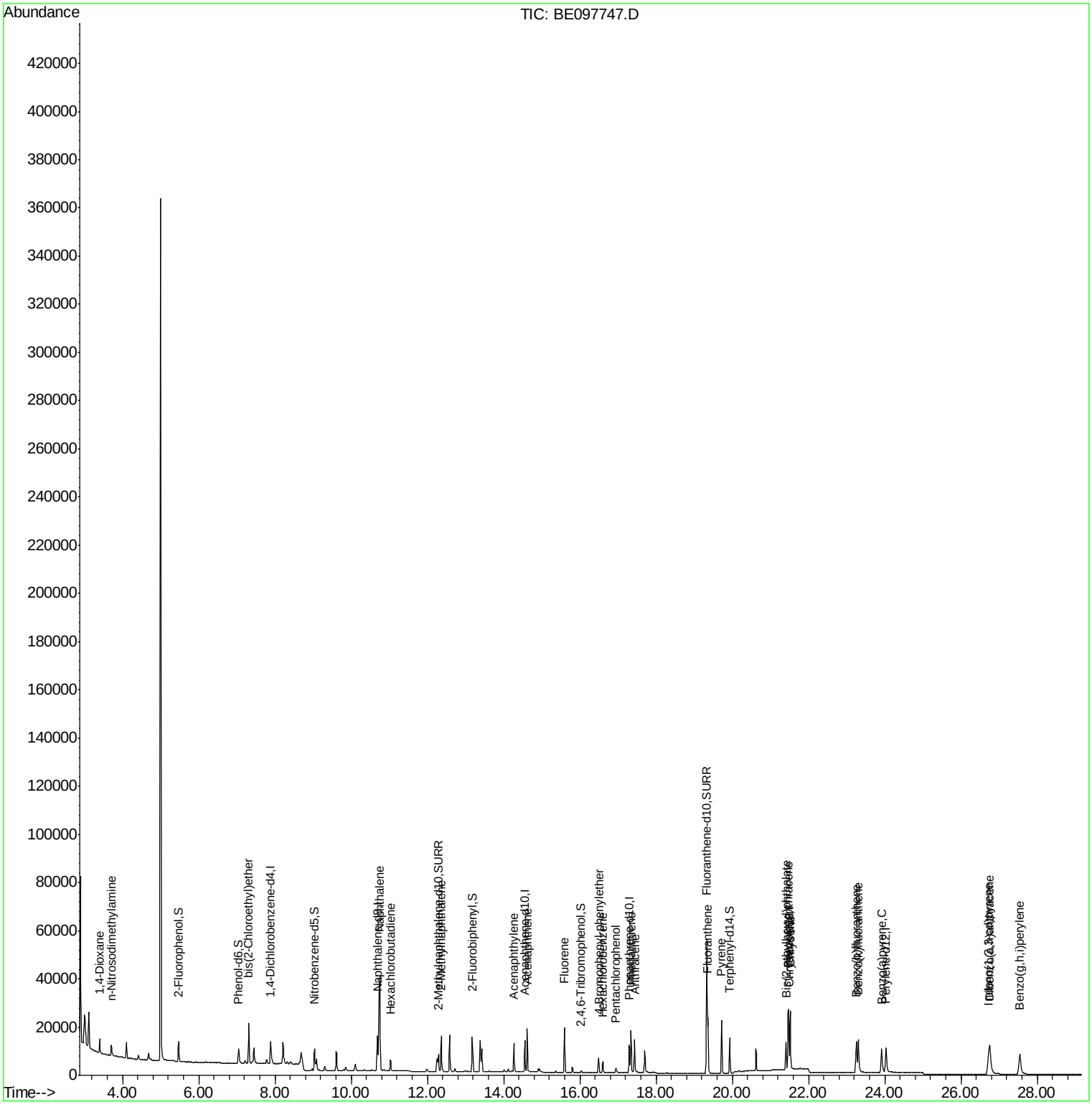
(#) = qualifier out of range (m) = manual integration (+) = signals summed

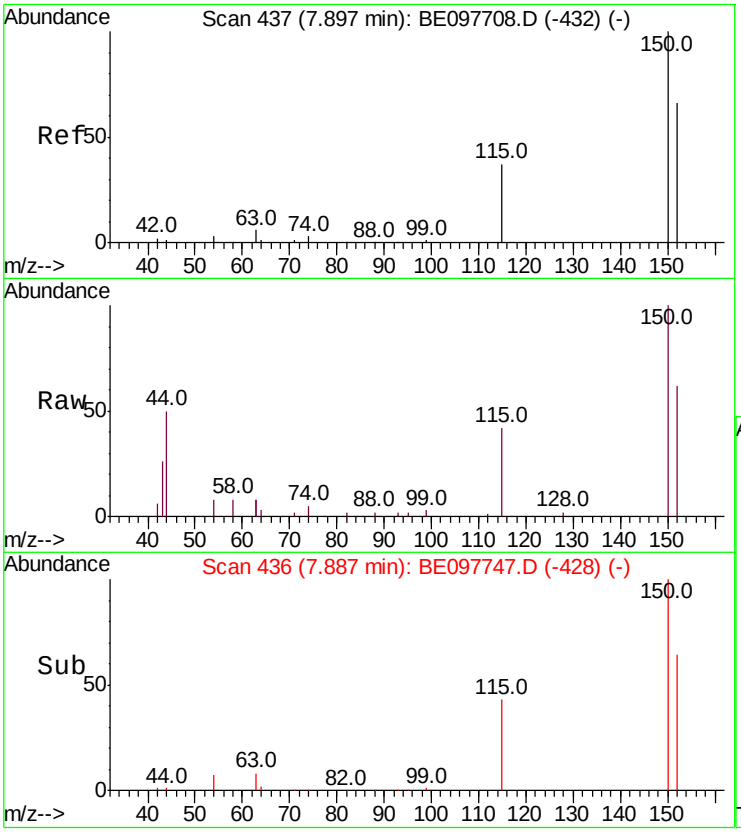
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE100518\
Data File : BE097747.D
Acq On : 5 Oct 2018 9:57
Operator : SJ/JU
Sample : PB113432BSD
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :

Quant Time: Oct 05 14:04:14 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE100318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 03 12:17:19 2018
Response via : Initial Calibration



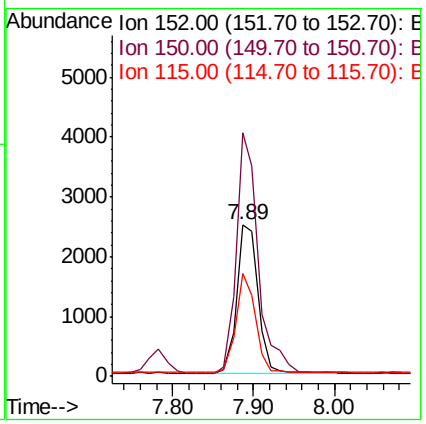


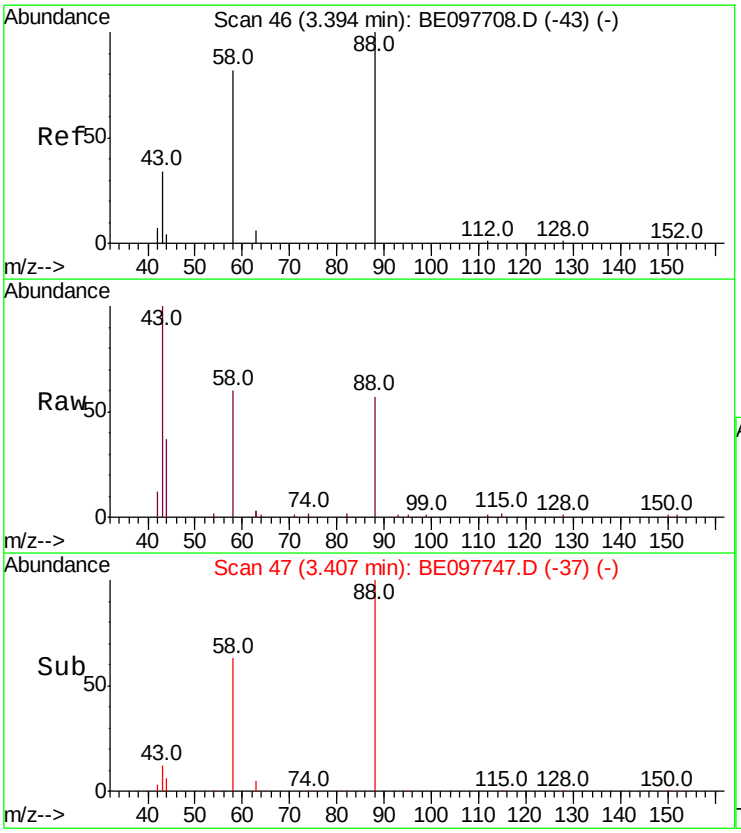
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.89 min Scan# 436
Delta R.T. -0.01 min
Lab File: BE097747.D
Acq: 5 Oct 2018 9:57

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 4491

Ion	Ratio	Lower	Upper
152	100		
150	160.5	120.9	181.3
115	68.1	46.6	69.8

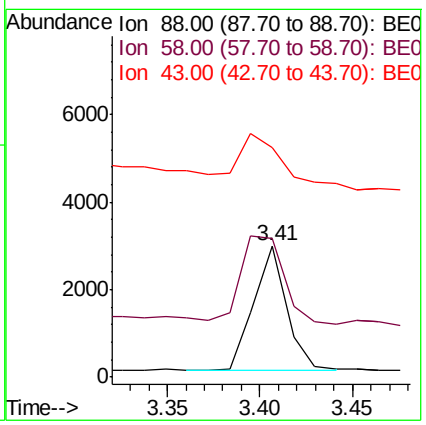


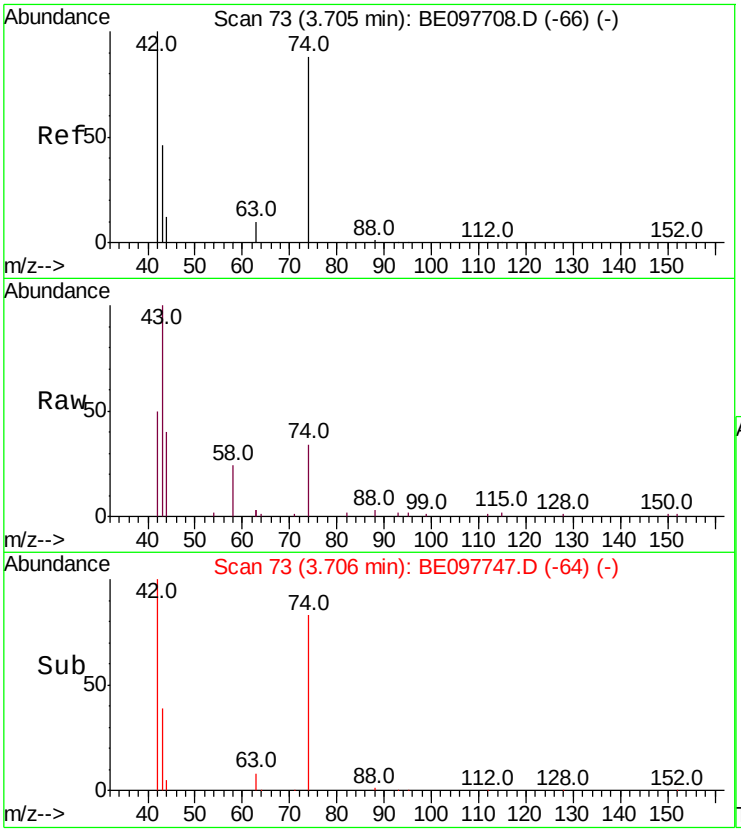


#2
1,4-Dioxane
Concen: 0.395 ng
RT: 3.41 min Scan# 47
Delta R.T. 0.01 min
Lab File: BE097747.D
Acq: 5 Oct 2018 9:57

Tgt Ion: 88 Resp: 3538

Ion	Ratio	Lower	Upper
88	100		
58	90.0	70.8	106.2
43	46.9	33.3	49.9



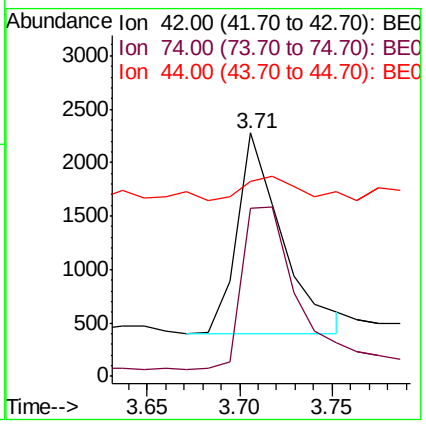


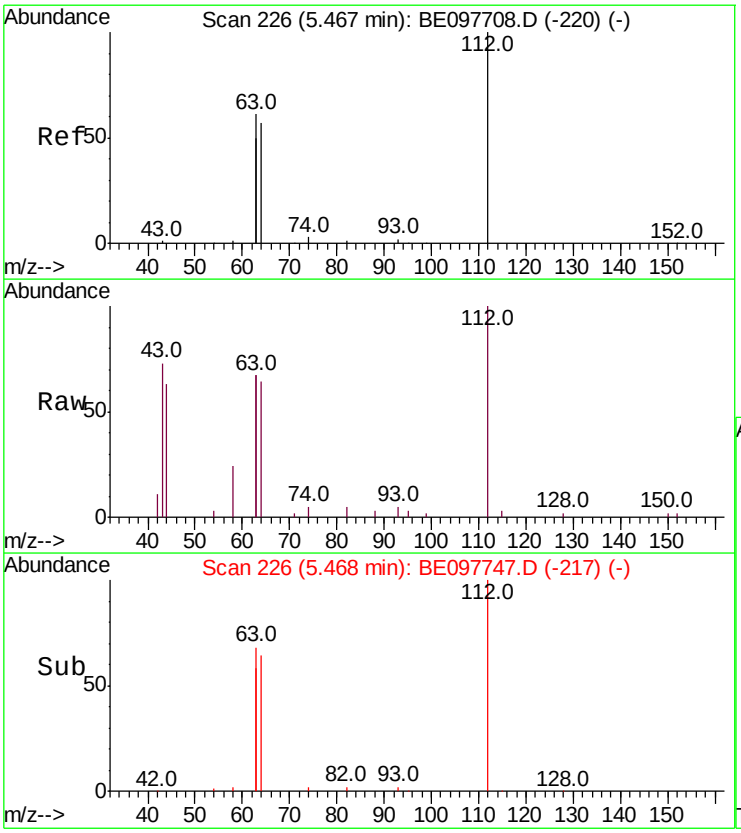
#3
n-Nitrosodimethylamine
Concen: 0.388 ng
RT: 3.71 min Scan# 73
Delta R.T. 0.00 min
Lab File: BE097747.D
Acq: 5 Oct 2018 9:57

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 42 Resp: 3160

Ion	Ratio	Lower	Upper
42	100		
74	96.6	70.7	106.1
44	13.8	15.0	22.4#

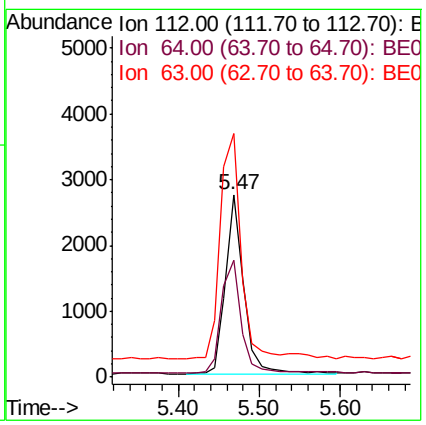


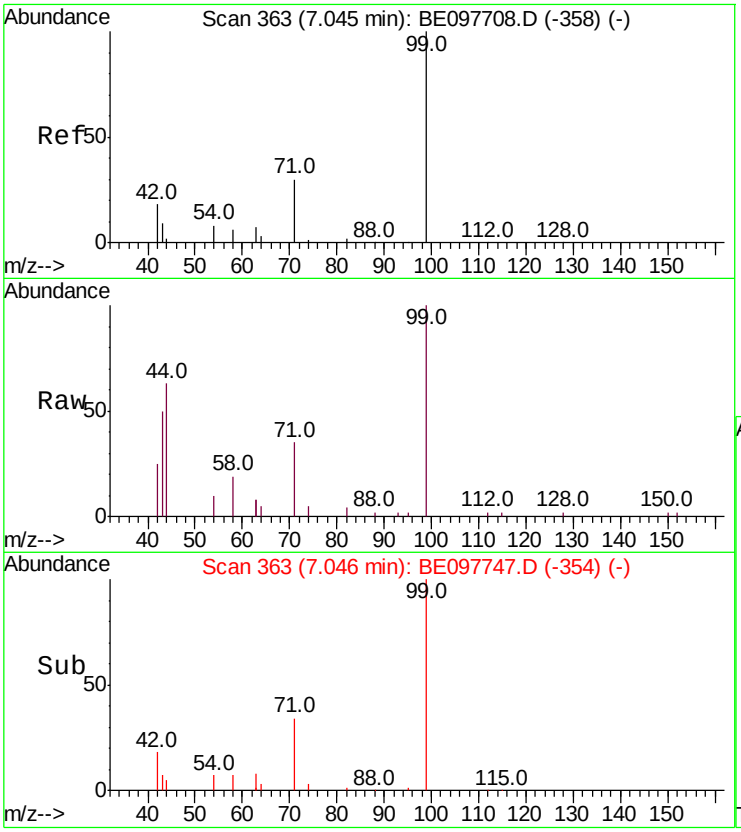


#4
2-Fluorophenol
Concen: 0.400 ng
RT: 5.47 min Scan# 226
Delta R.T. 0.00 min
Lab File: BE097747.D
Acq: 5 Oct 2018 9:57

Tgt Ion:112 Resp: 4246

Ion	Ratio	Lower	Upper
112	100		
64	68.8	56.6	84.8
63	139.1	119.4	179.0



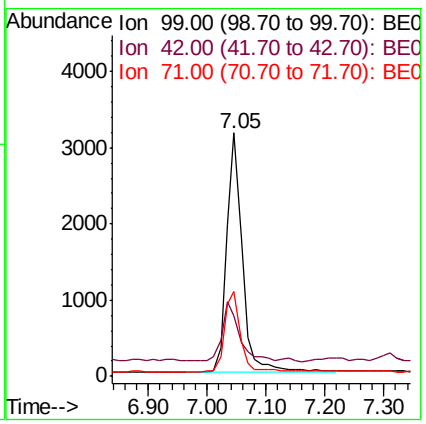


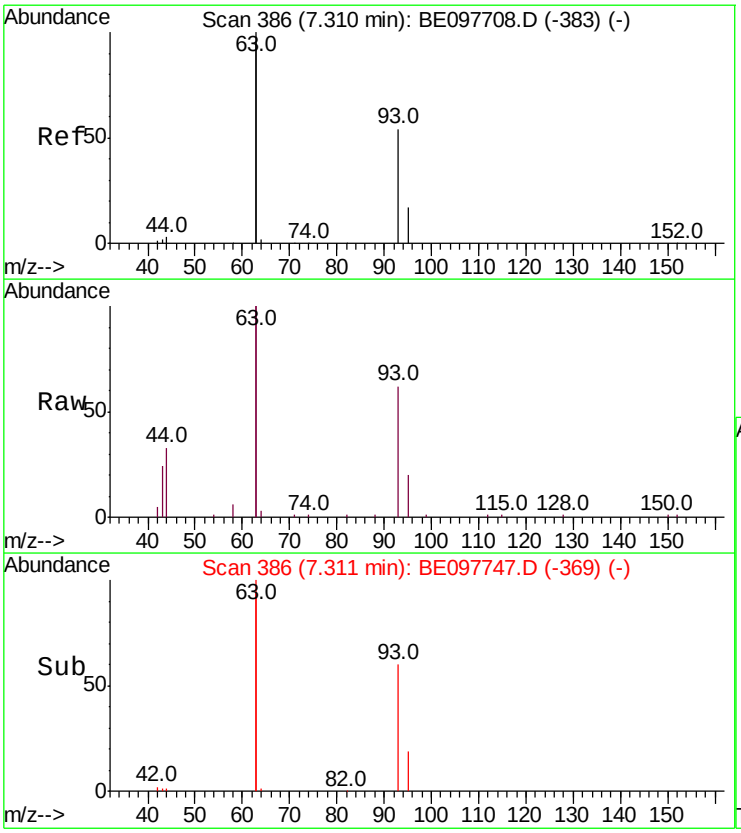
#5
Phenol-d6
Concen: 0.354 ng
RT: 7.05 min Scan# 363
Delta R.T. 0.00 min
Lab File: BE097747.D
Acq: 5 Oct 2018 9:57

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 99 Resp: 5773

Ion	Ratio	Lower	Upper
99	100		
42	27.2	19.9	29.9
71	34.3	25.4	38.2

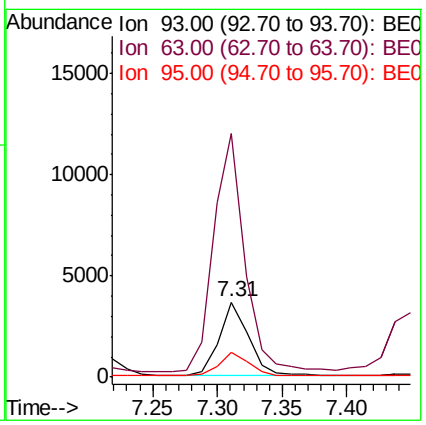


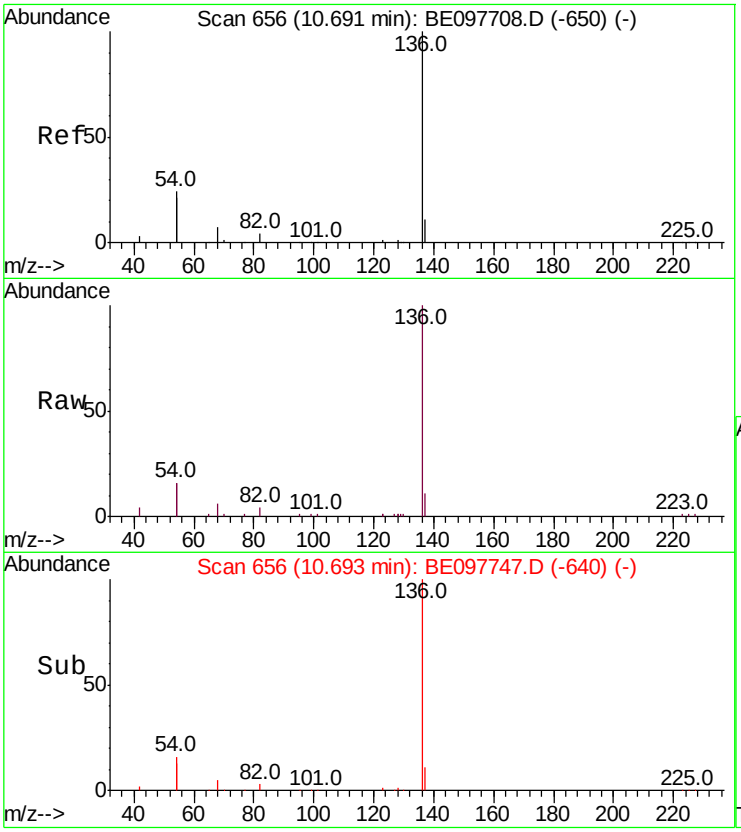


#6
bis(2-Chloroethyl)ether
Concen: 0.340 ng
RT: 7.31 min Scan# 386
Delta R.T. 0.00 min
Lab File: BE097747.D
Acq: 5 Oct 2018 9:57

Tgt Ion: 93 Resp: 5730

Ion	Ratio	Lower	Upper
93	100		
63	341.9	266.9	400.3
95	33.1	26.2	39.2



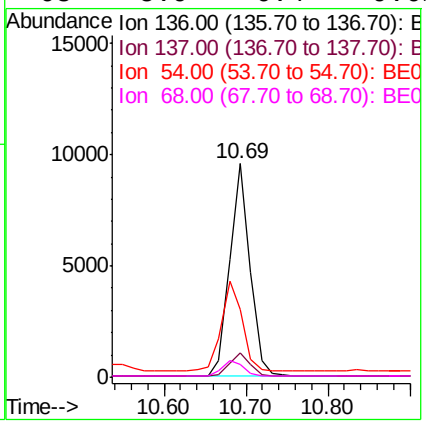


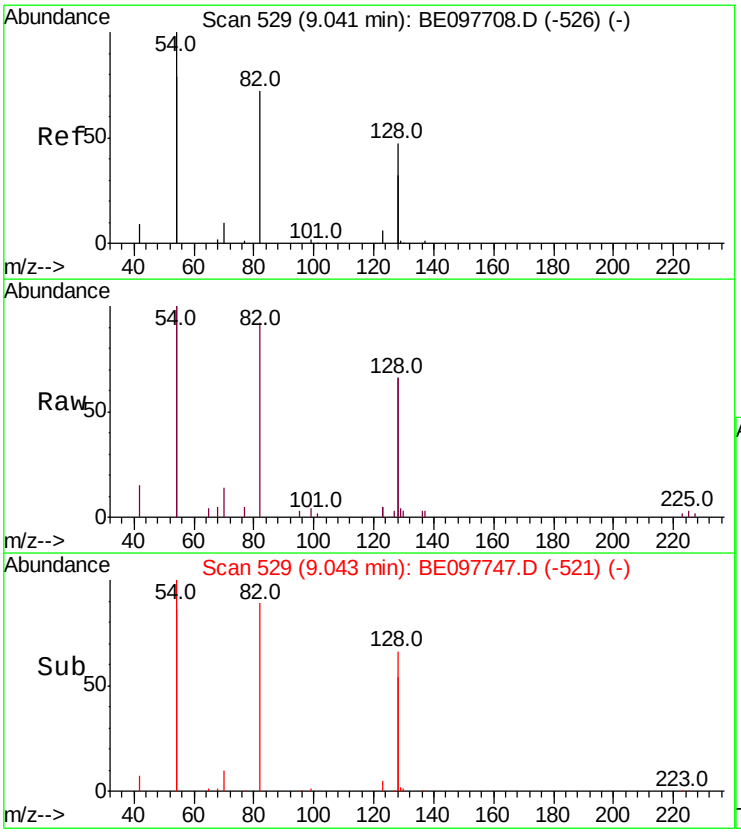
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.69 min Scan# 656
Delta R.T. 0.00 min
Lab File: BE097747.D
Acq: 5 Oct 2018 9:57

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:136 Resp: 16550

Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.0	13.4
54	32.0	37.8	56.6#
68	5.9	6.4	9.6#

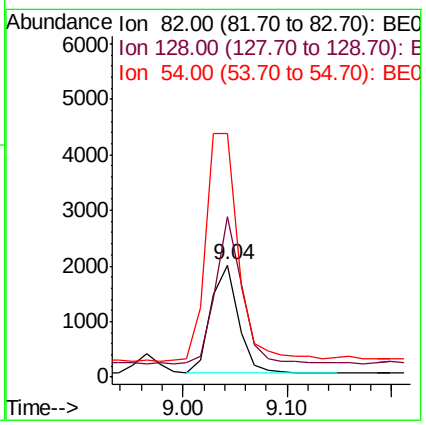


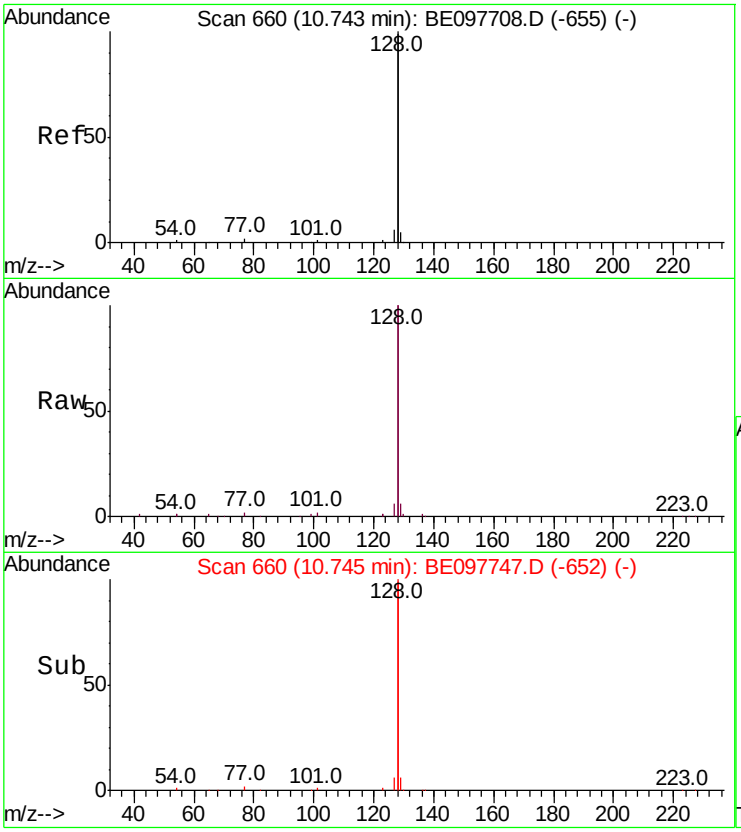


#8
Nitrobenzene-d5
Concen: 0.661 ng
RT: 9.04 min Scan# 529
Delta R.T. 0.00 min
Lab File: BE097747.D
Acq: 5 Oct 2018 9:57

Tgt Ion: 82 Resp: 3554

Ion	Ratio	Lower	Upper
82	100		
128	142.3	97.0	145.4
54	216.3	206.9	310.3



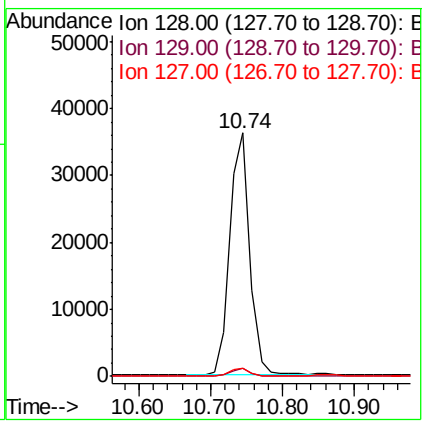


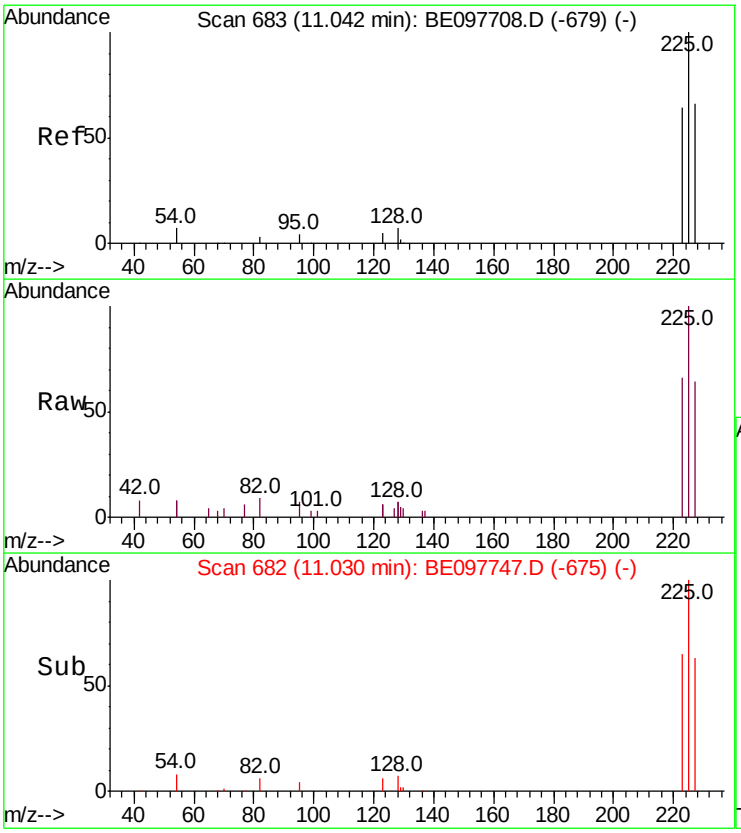
#9
Naphthalene
Concen: 0.414 ng
RT: 10.74 min Scan# 660
Delta R.T. 0.00 min
Lab File: BE097747.D
Acq: 5 Oct 2018 9:57

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:128 Resp: 69080

Ion	Ratio	Lower	Upper
128	100		
129	3.1	2.2	3.2
127	3.2	2.7	4.1

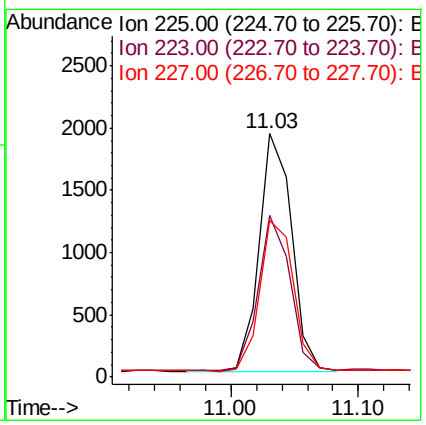


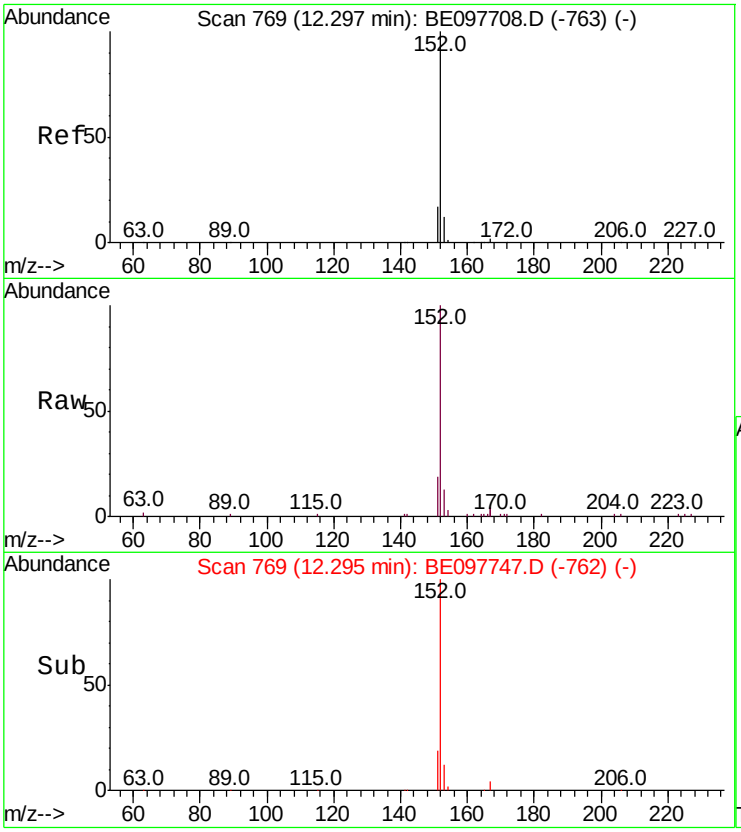


#10
Hexachlorobutadiene
Concen: 0.379 ng
RT: 11.03 min Scan# 682
Delta R.T. -0.01 min
Lab File: BE097747.D
Acq: 5 Oct 2018 9:57

Tgt Ion:225 Resp: 3358

Ion	Ratio	Lower	Upper
225	100		
223	63.9	52.2	78.4
227	65.8	51.2	76.8



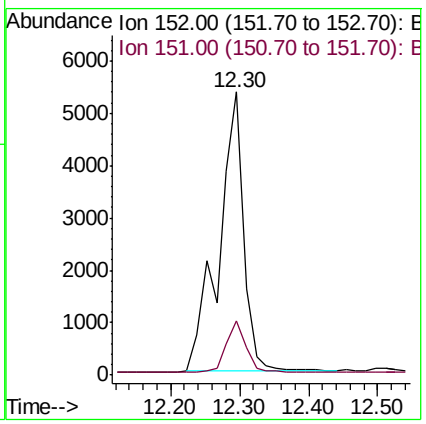


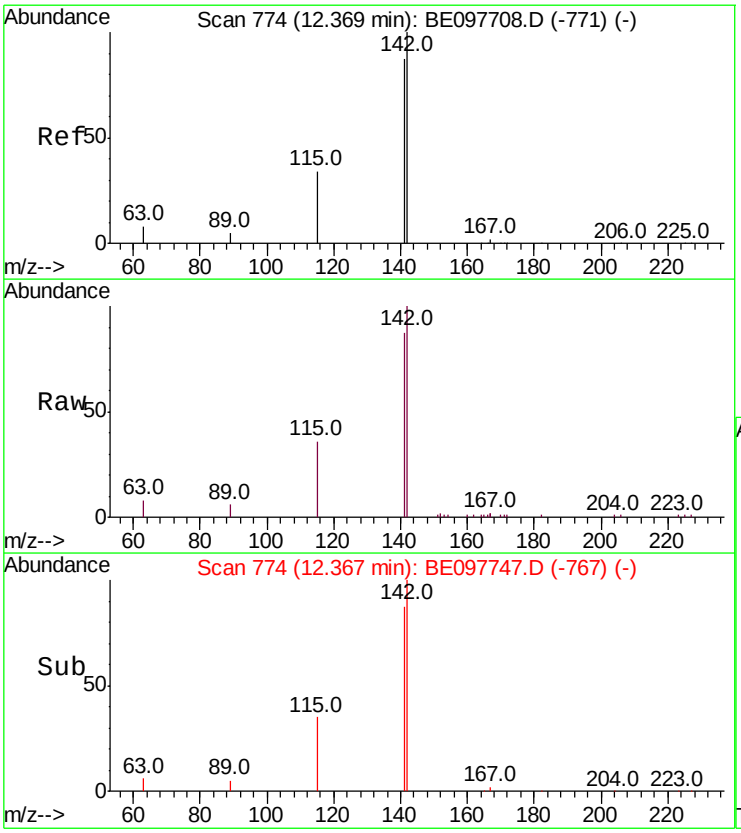
#11
2-Methylnaphthalene-d10
Concen: 0.503 ng
RT: 12.30 min Scan# 769
Delta R.T. -0.00 min
Lab File: BE097747.D
Acq: 5 Oct 2018 9:57

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 13239

Ion	Ratio	Lower	Upper
152	100		
151	14.6	15.4	23.2#

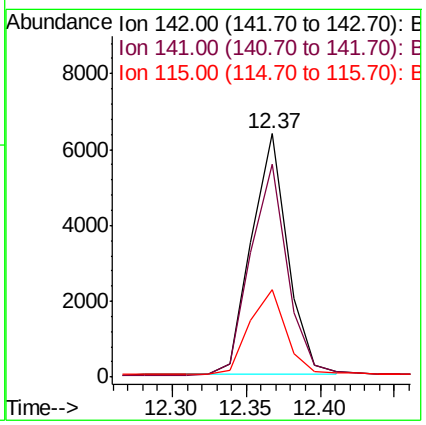


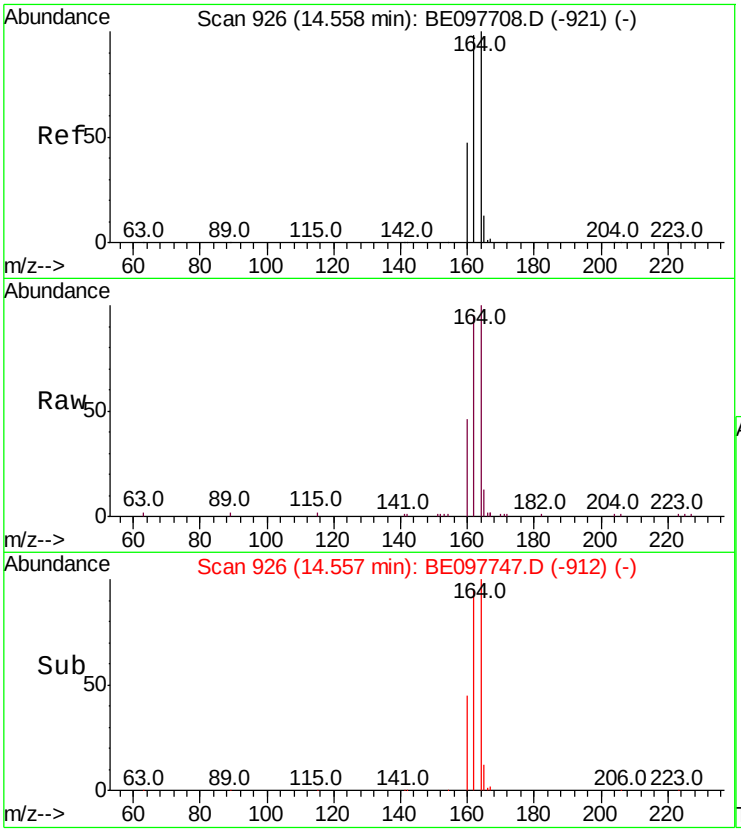


#12
2-Methylnaphthalene
Concen: 0.404 ng
RT: 12.37 min Scan# 774
Delta R.T. -0.00 min
Lab File: BE097747.D
Acq: 5 Oct 2018 9:57

Tgt Ion:142 Resp: 10795

Ion	Ratio	Lower	Upper
142	100		
141	87.3	69.4	104.2
115	36.1	28.0	42.0



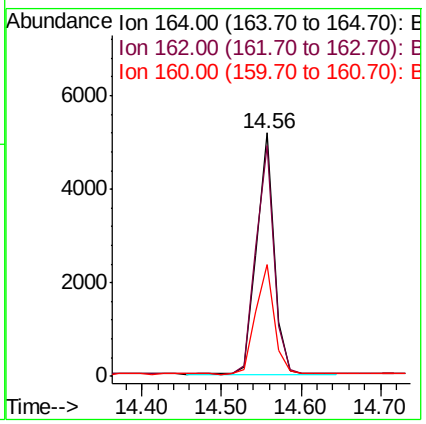


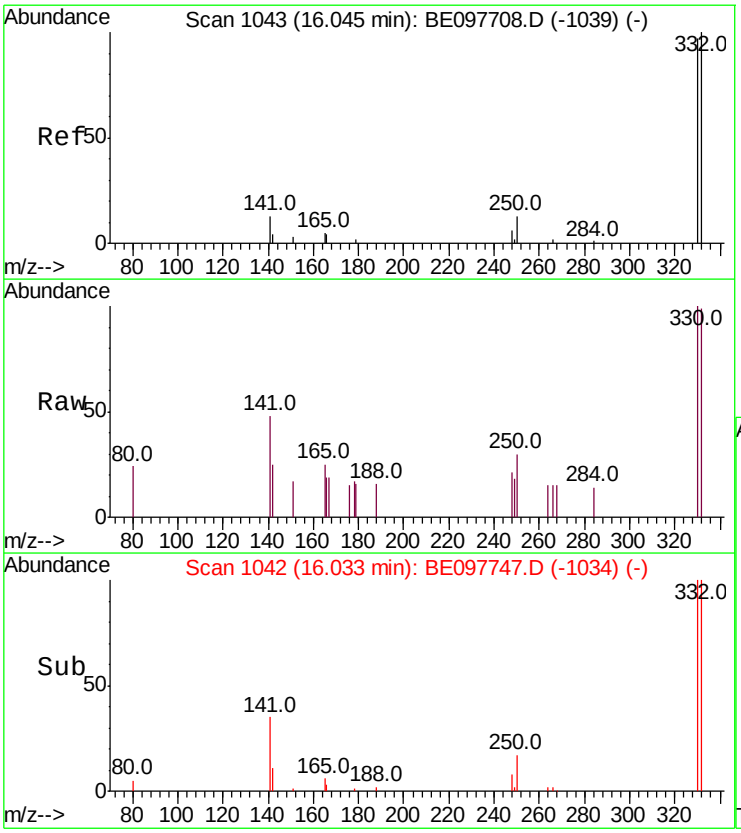
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.56 min Scan# 926
Delta R.T. -0.00 min
Lab File: BE097747.D
Acq: 5 Oct 2018 9:57

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:164 Resp: 7890

Ion	Ratio	Lower	Upper
164	100		
162	94.6	78.6	117.8
160	46.0	37.8	56.6

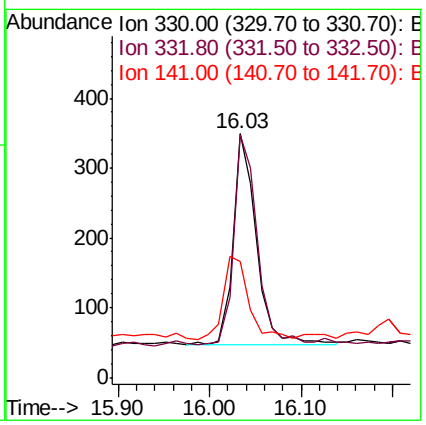


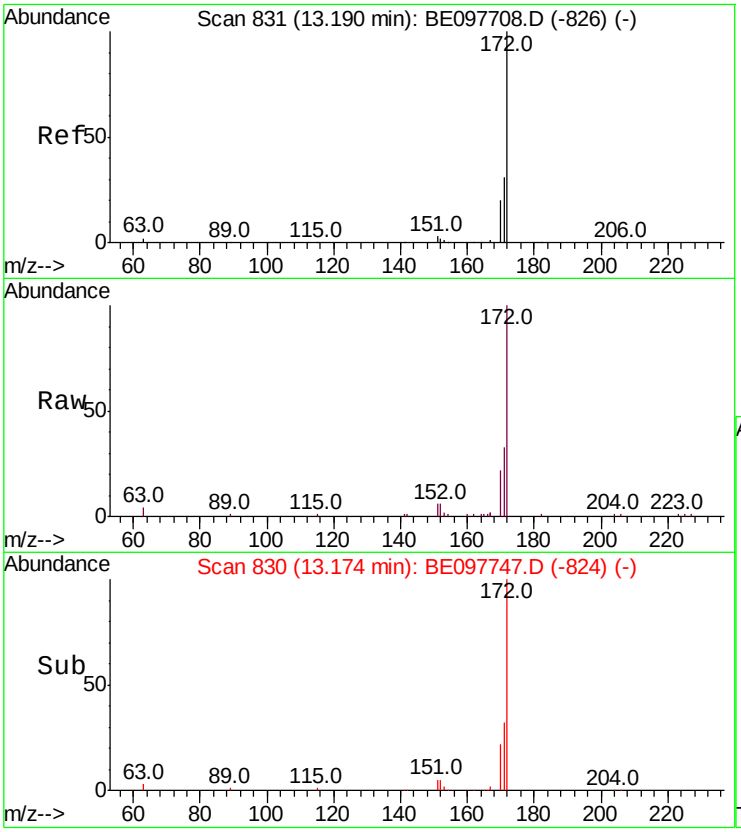


#14
2,4,6-Tribromophenol
Concen: 0.373 ng
RT: 16.03 min Scan# 1042
Delta R.T. -0.01 min
Lab File: BE097747.D
Acq: 5 Oct 2018 9:57

Tgt Ion:330 Resp: 534

Ion	Ratio	Lower	Upper
330	100		
332	100.0	83.5	125.3
141	42.9	34.9	52.3



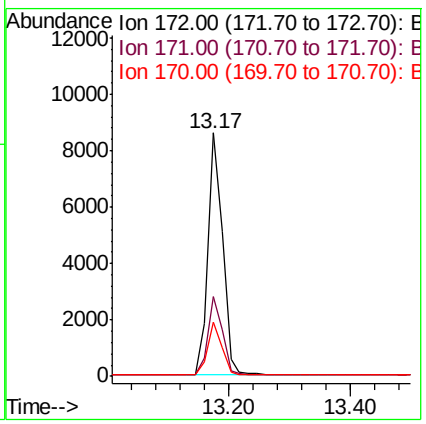


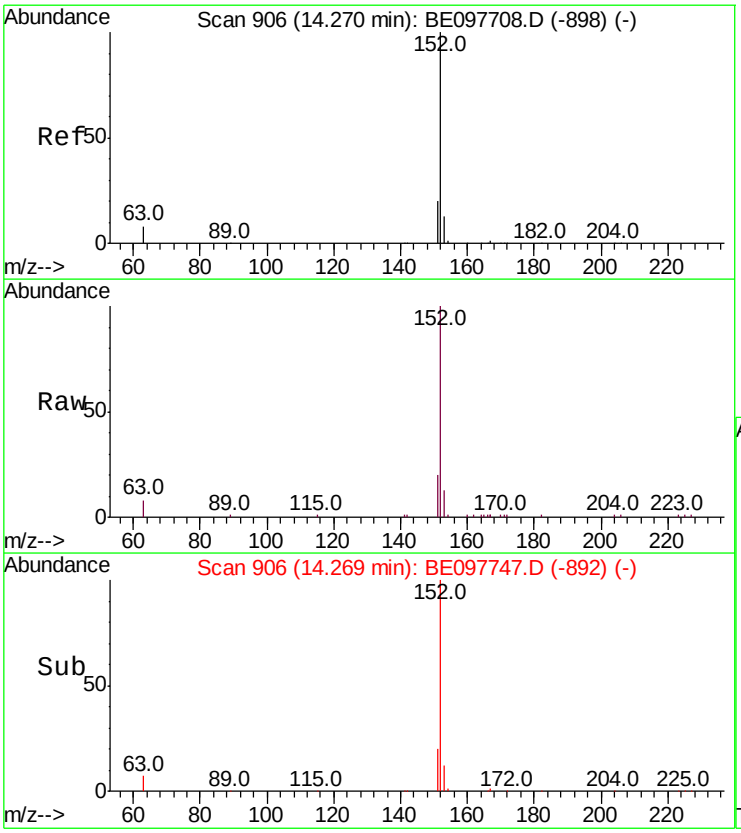
#15
2-Fluorobiphenyl
Concen: 0.408 ng
RT: 13.17 min Scan# 830
Delta R.T. -0.02 min
Lab File: BE097747.D
Acq: 5 Oct 2018 9:57

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:172 Resp: 14175

Ion	Ratio	Lower	Upper
172	100		
171	32.8	25.2	37.8
170	22.4	16.2	24.2

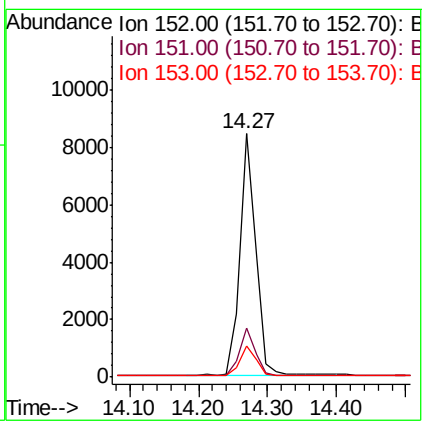


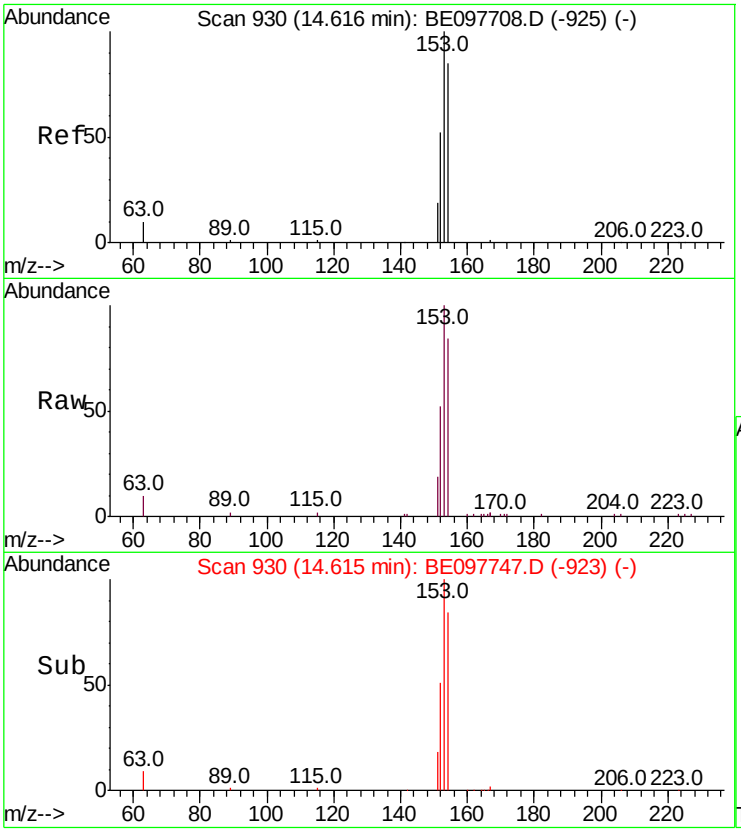


#16
Acenaphthylene
Concen: 0.383 ng
RT: 14.27 min Scan# 906
Delta R.T. -0.00 min
Lab File: BE097747.D
Acq: 5 Oct 2018 9:57

Tgt Ion:152 Resp: 13391

Ion	Ratio	Lower	Upper
152	100		
151	20.3	15.3	22.9
153	13.0	10.8	16.2



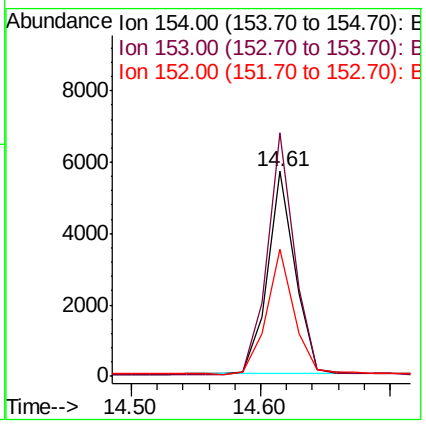


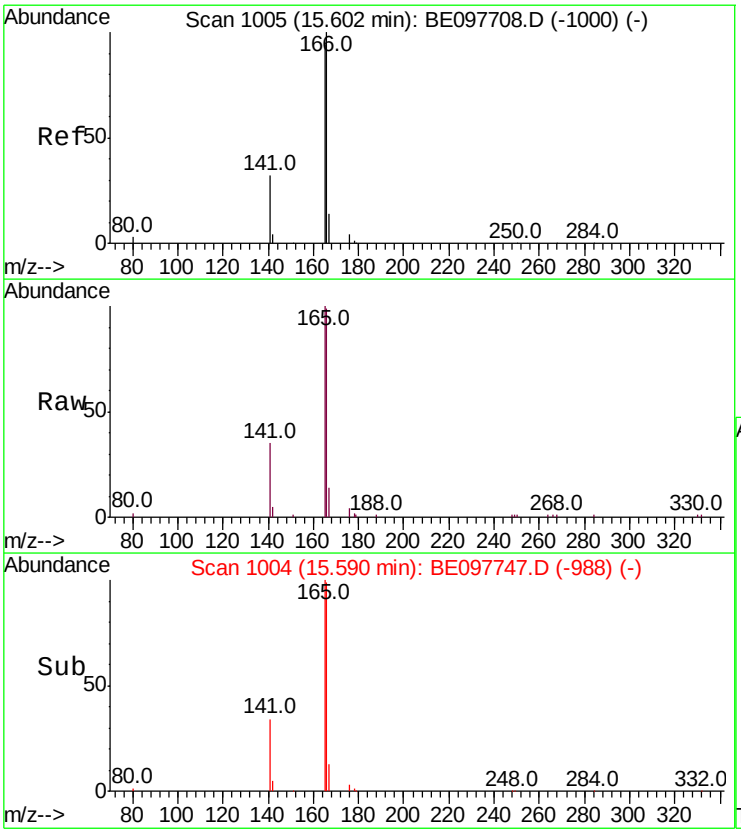
#17
Acenaphthene
Concen: 0.377 ng
RT: 14.61 min Scan# 930
Delta R.T. -0.00 min
Lab File: BE097747.D
Acq: 5 Oct 2018 9:57

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:154 Resp: 8428

Ion	Ratio	Lower	Upper
154	100		
153	116.4	93.3	139.9
152	60.5	48.9	73.3

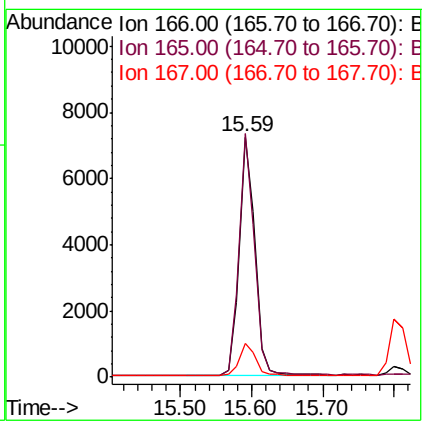


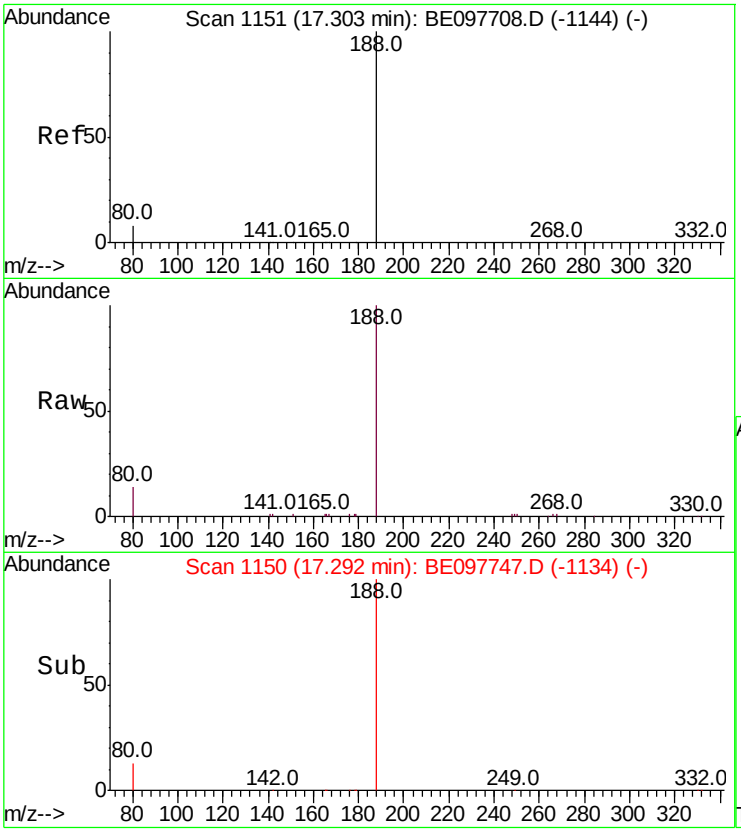


#18
Fluorene
Concen: 0.370 ng
RT: 15.59 min Scan# 1004
Delta R.T. -0.01 min
Lab File: BE097747.D
Acq: 5 Oct 2018 9:57

Tgt Ion:166 Resp: 11007

Ion	Ratio	Lower	Upper
166	100		
165	99.7	79.0	118.4
167	13.6	11.1	16.7



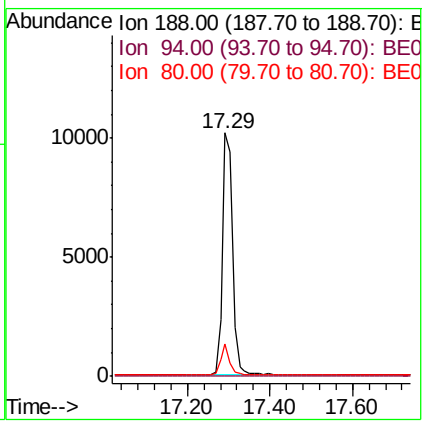


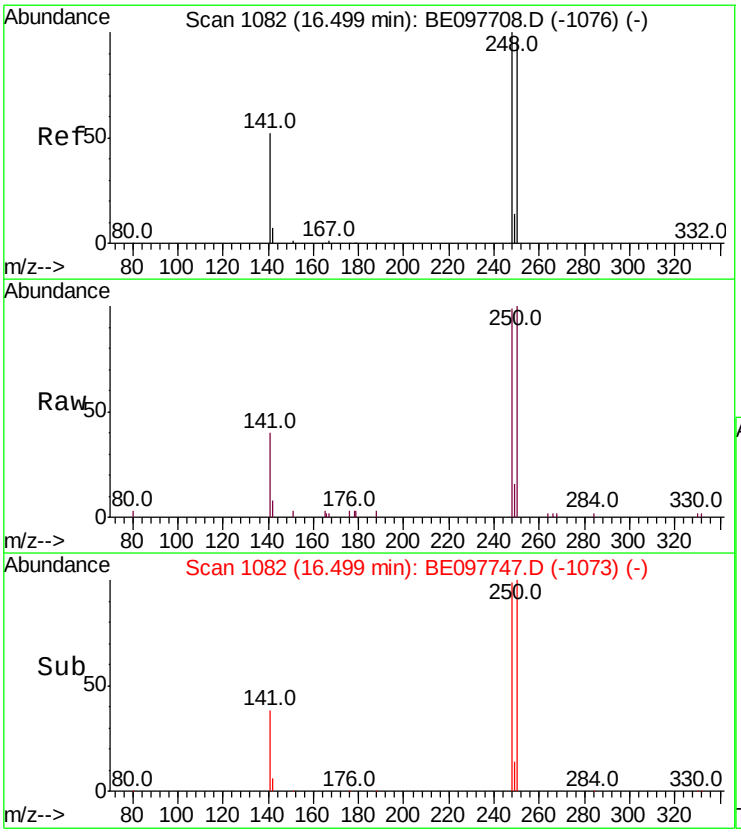
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.29 min Scan# 1150
Delta R.T. -0.01 min
Lab File: BE097747.D
Acq: 5 Oct 2018 9:57

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:188 Resp: 17451

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	13.5	6.6	9.8#

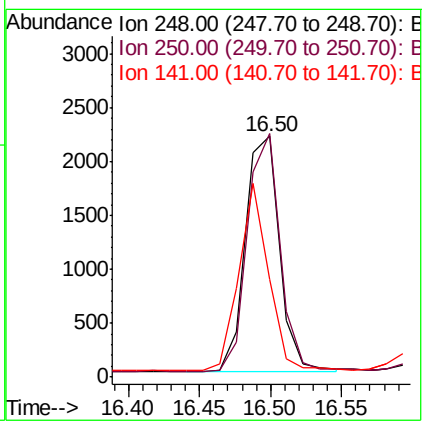


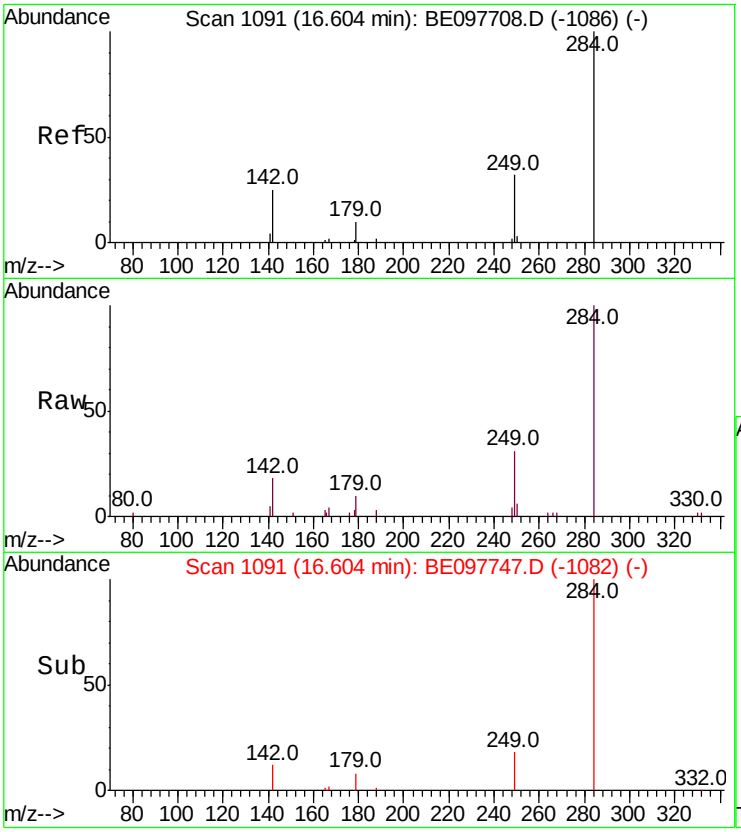


#20
4-Bromophenyl-phenylether
Concen: 0.400 ng
RT: 16.50 min Scan# 1082
Delta R.T. 0.00 min
Lab File: BE097747.D
Acq: 5 Oct 2018 9:57

Tgt Ion:248 Resp: 3663

Ion	Ratio	Lower	Upper
248	100		
250	101.2	76.1	114.1
141	40.4	42.2	63.4#



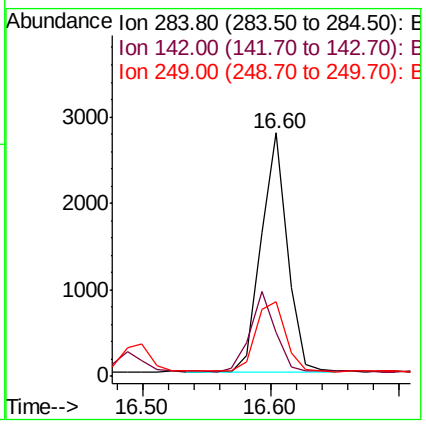


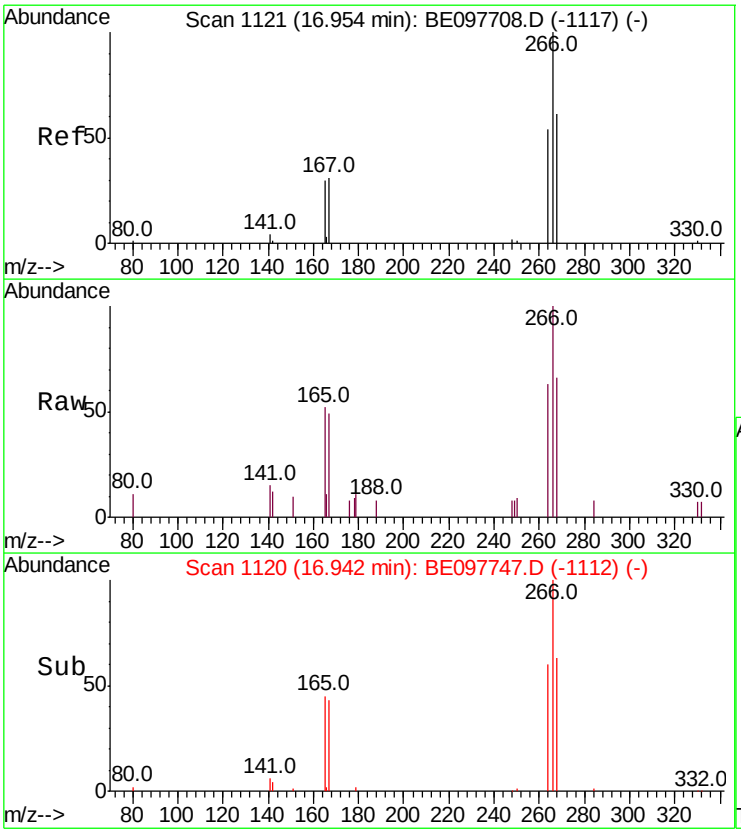
#21
Hexachlorobenzene
Concen: 0.386 ng
RT: 16.60 min Scan# 1091
Delta R.T. 0.00 min
Lab File: BE097747.D
Acq: 5 Oct 2018 9:57

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:284 Resp: 3978

Ion	Ratio	Lower	Upper
284	100		
142	31.6	24.9	37.3
249	33.1	25.8	38.8

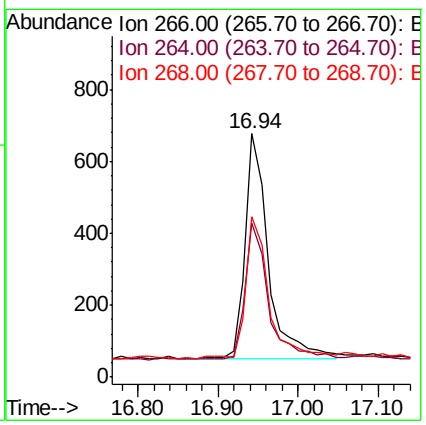


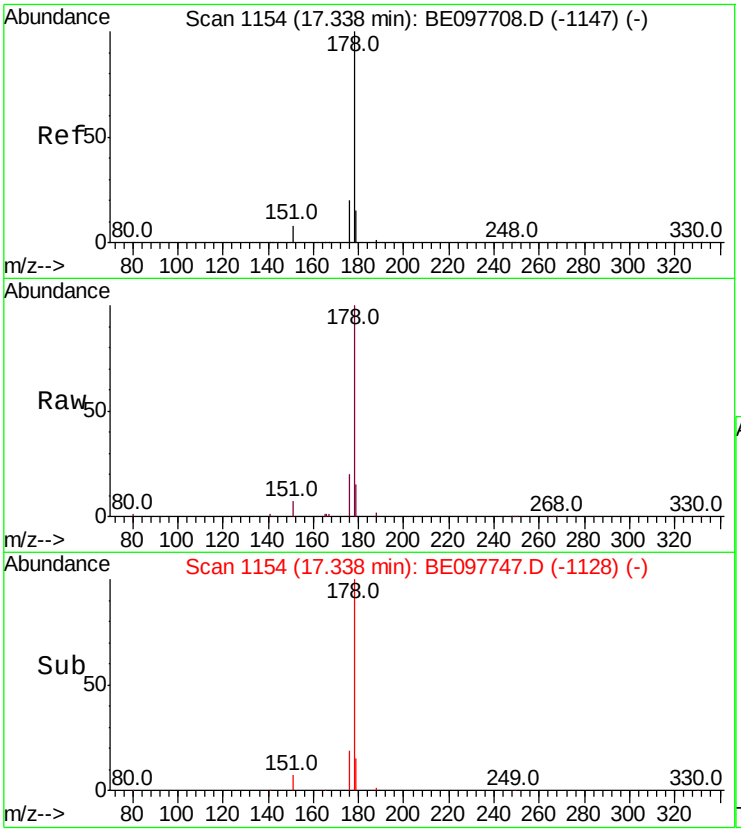


#22
Pentachlorophenol
Concen: 0.784 ng
RT: 16.94 min Scan# 1120
Delta R.T. -0.01 min
Lab File: BE097747.D
Acq: 5 Oct 2018 9:57

Tgt Ion:266 Resp: 1266

Ion	Ratio	Lower	Upper
266	100		
264	63.2	46.8	70.2
268	65.7	53.0	79.6



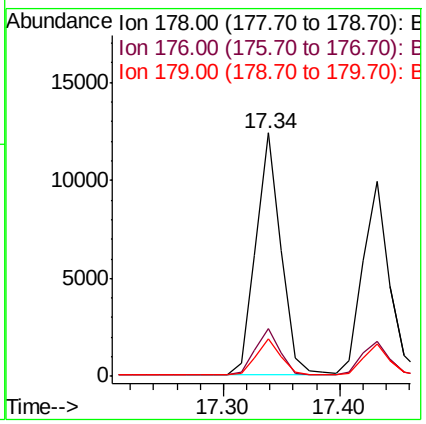


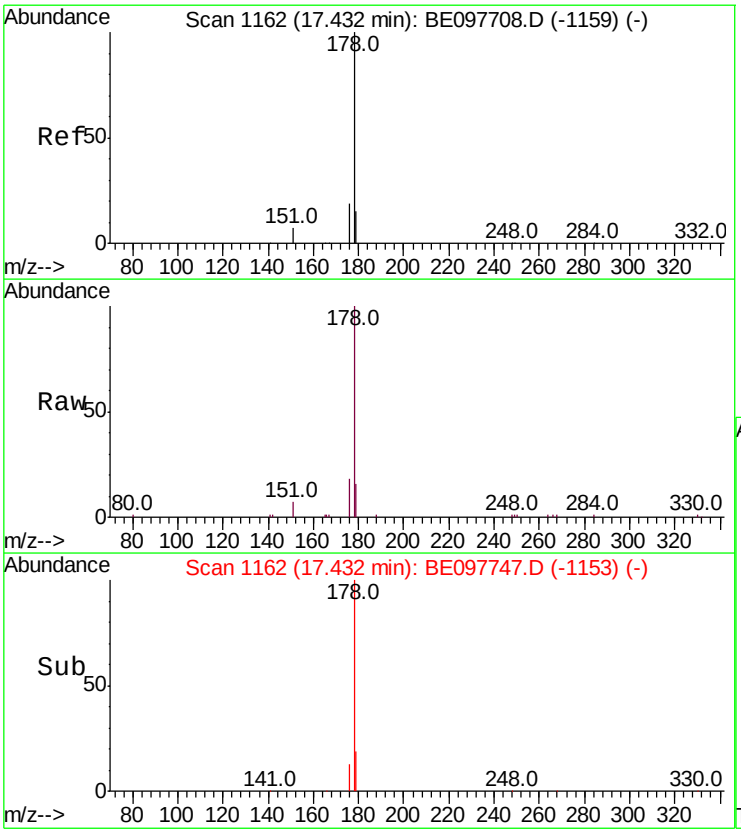
#23
Phenanthrene
Concen: 0.418 ng
RT: 17.34 min Scan# 1154
Delta R.T. 0.00 min
Lab File: BE097747.D
Acq: 5 Oct 2018 9:57

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:178 Resp: 18792

Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.4	23.2
179	14.7	12.2	18.4

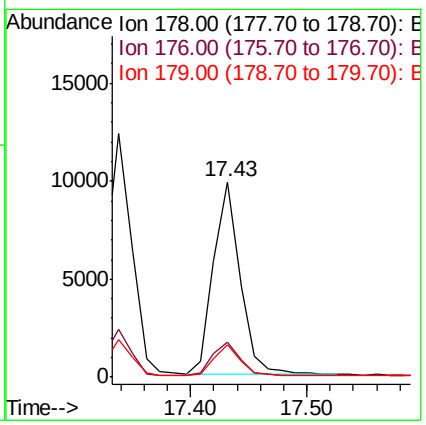


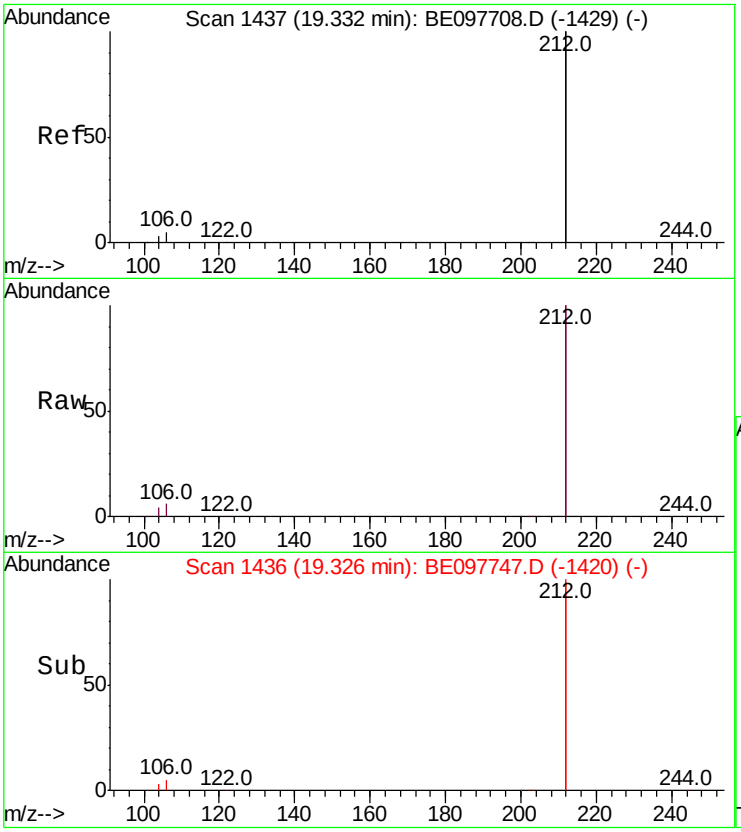


#24
Anthracene
Concen: 0.399 ng
RT: 17.43 min Scan# 1162
Delta R.T. 0.00 min
Lab File: BE097747.D
Acq: 5 Oct 2018 9:57

Tgt Ion:178 Resp: 15482

Ion	Ratio	Lower	Upper
178	100		
176	18.2	15.1	22.7
179	15.6	12.2	18.2



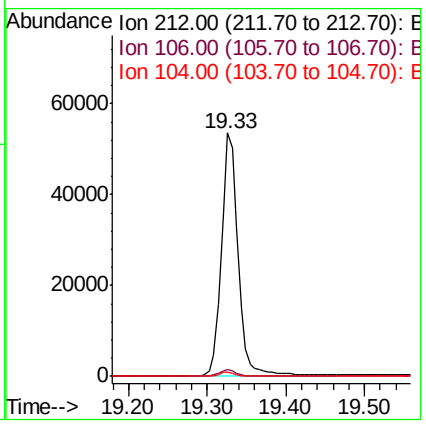


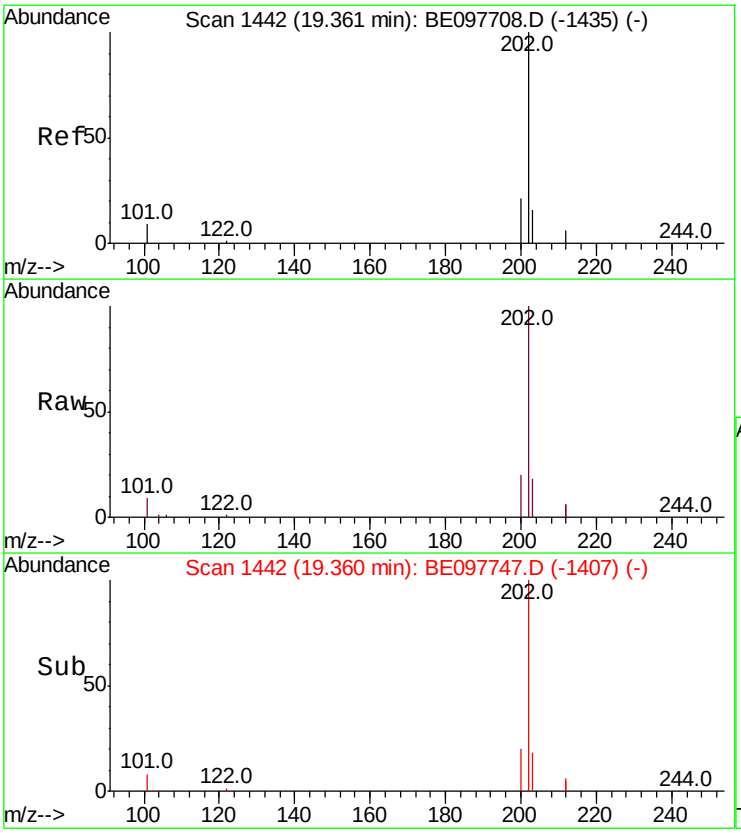
#25
Fluoranthene-d10
Concen: 0.350 ng
RT: 19.33 min Scan# 1436
Delta R.T. -0.01 min
Lab File: BE097747.D
Acq: 5 Oct 2018 9:57

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:212 Resp: 77380

Ion	Ratio	Lower	Upper
212	100		
106	2.7	2.2	3.2
104	1.6	1.2	1.8

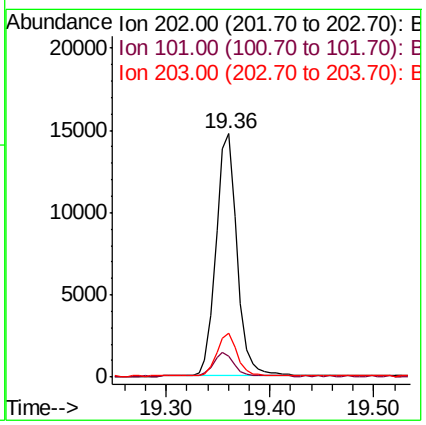


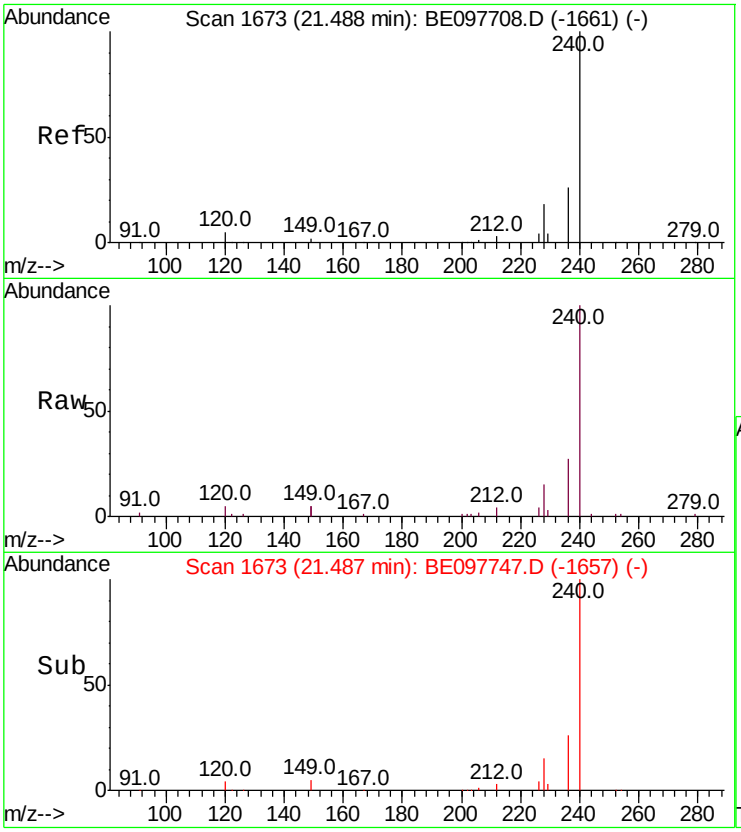


#26
Fluoranthene
Concen: 0.362 ng
RT: 19.36 min Scan# 1442
Delta R.T. -0.00 min
Lab File: BE097747.D
Acq: 5 Oct 2018 9:57

Tgt Ion:202 Resp: 20718

Ion	Ratio	Lower	Upper
202	100		
101	10.0	7.8	11.8
203	17.4	13.8	20.6



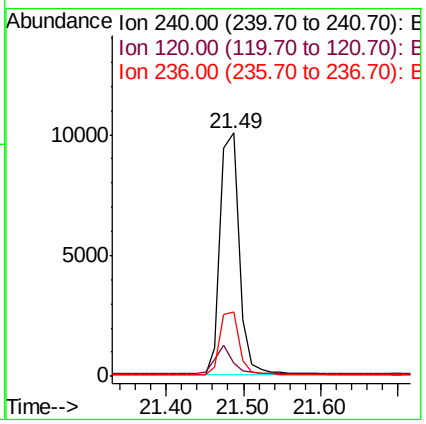


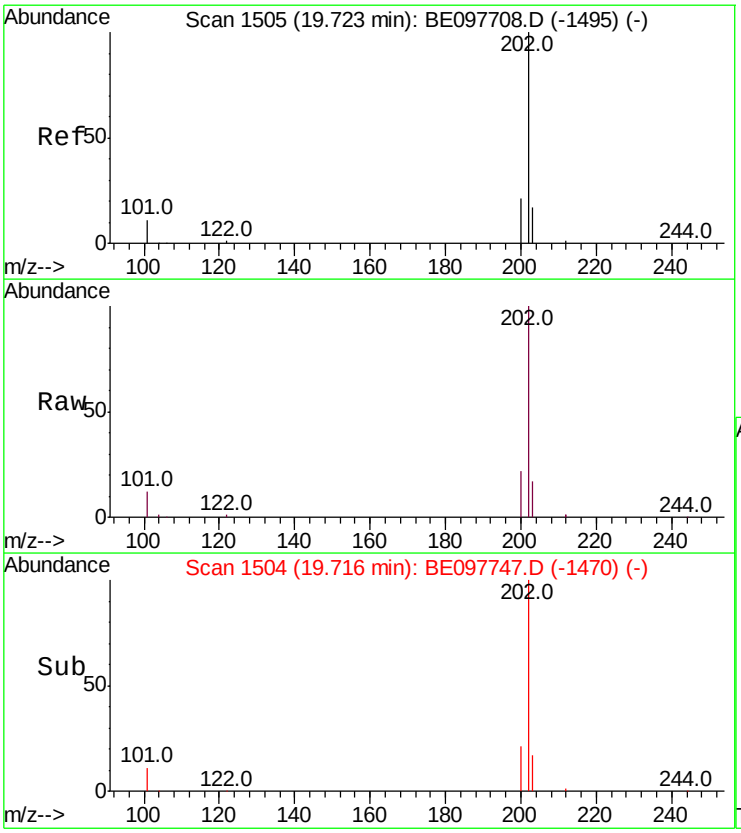
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.49 min Scan# 1673
Delta R.T. -0.00 min
Lab File: BE097747.D
Acq: 5 Oct 2018 9:57

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:240 Resp: 17557

Ion	Ratio	Lower	Upper
240	100		
120	5.3	4.7	7.1
236	26.6	20.8	31.2

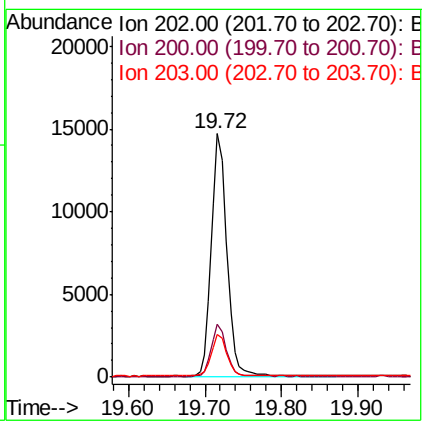


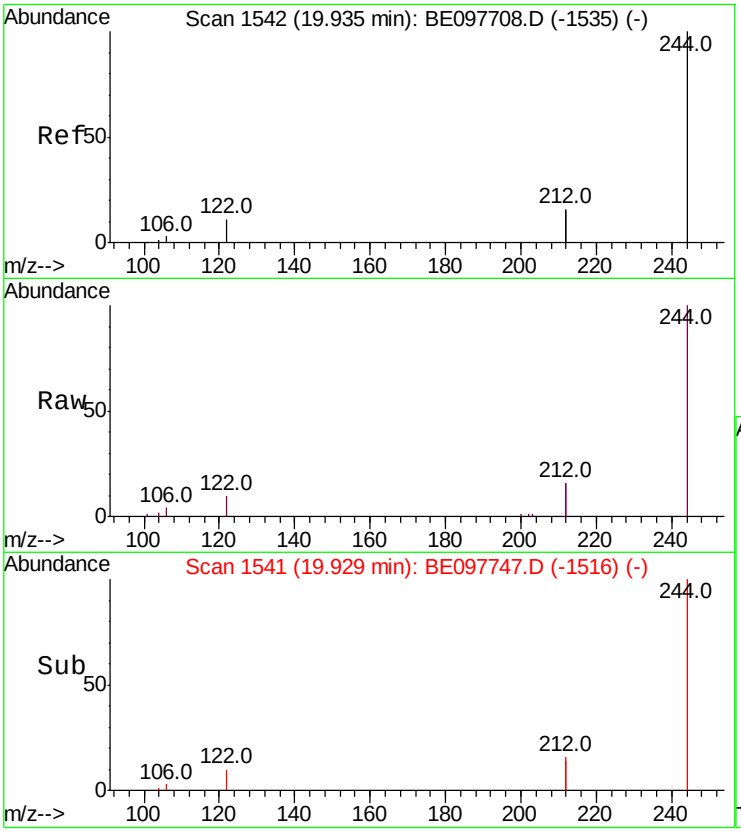


#28
Pyrene
Concen: 0.465 ng
RT: 19.72 min Scan# 1504
Delta R.T. -0.01 min
Lab File: BE097747.D
Acq: 5 Oct 2018 9:57

Tgt Ion:202 Resp: 20729

Ion	Ratio	Lower	Upper
202	100		
200	20.7	16.7	25.1
203	17.5	13.9	20.9



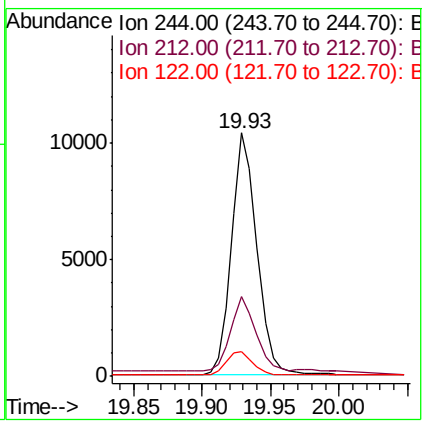


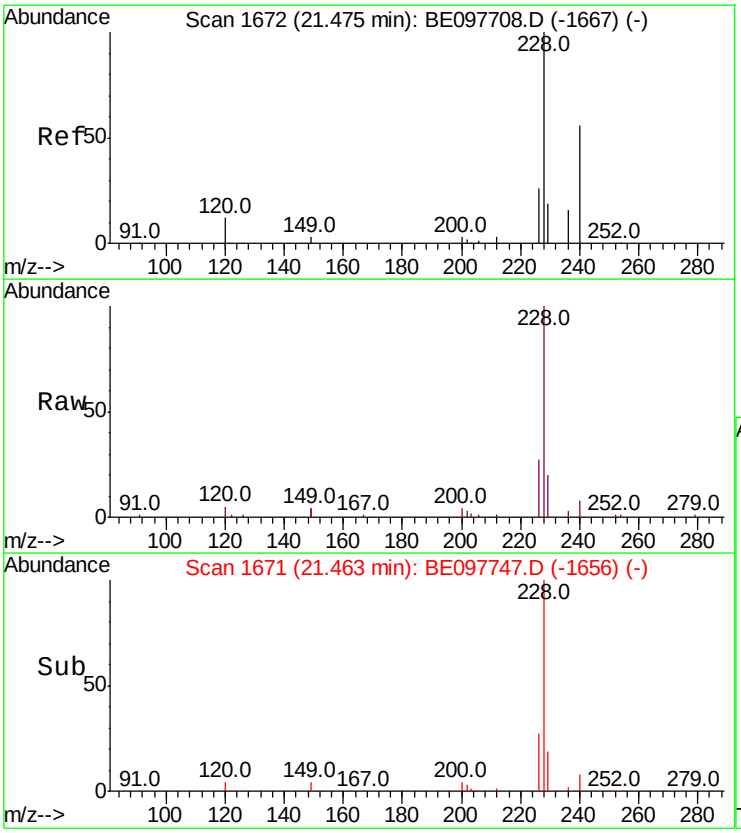
#29
Terphenyl-d14
Concen: 0.377 ng
RT: 19.93 min Scan# 1541
Delta R.T. -0.01 min
Lab File: BE097747.D
Acq: 5 Oct 2018 9:57

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:244 Resp: 13516

Ion	Ratio	Lower	Upper
244	100		
212	32.7	25.8	38.8
122	10.3	8.7	13.1

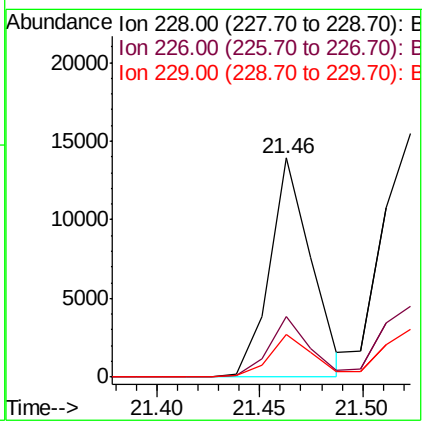


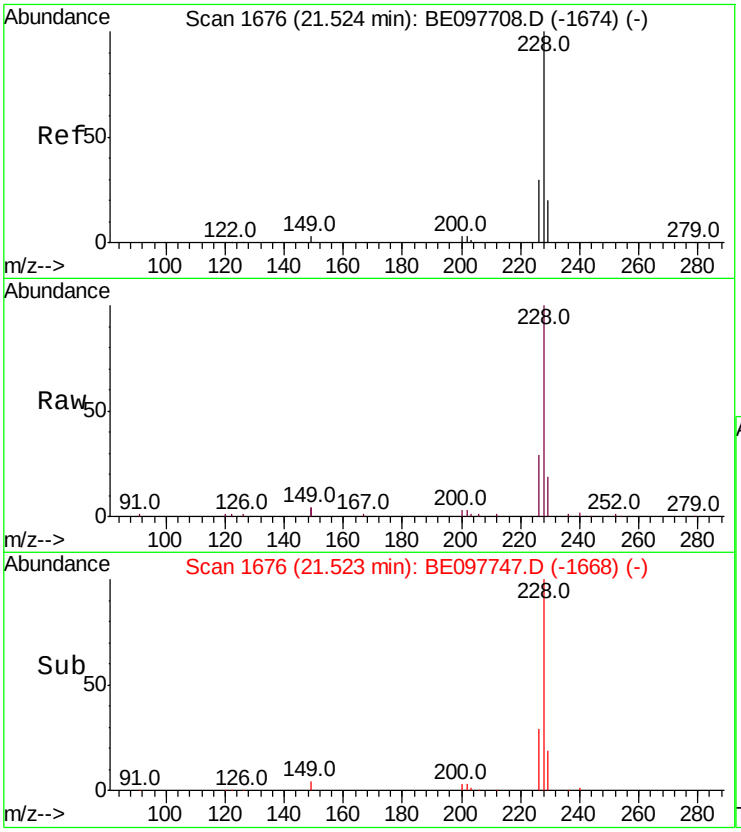


#30
Benzo(a)anthracene
Concen: 0.414 ng
RT: 21.46 min Scan# 1671
Delta R.T. -0.01 min
Lab File: BE097747.D
Acq: 5 Oct 2018 9:57

Tgt Ion:228 Resp: 19557

Ion	Ratio	Lower	Upper
228	100		
226	27.5	20.7	31.1
229	19.5	15.7	23.5



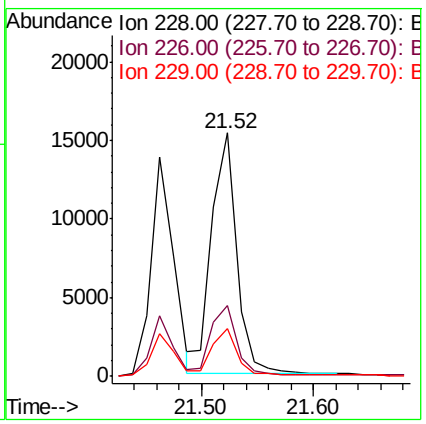


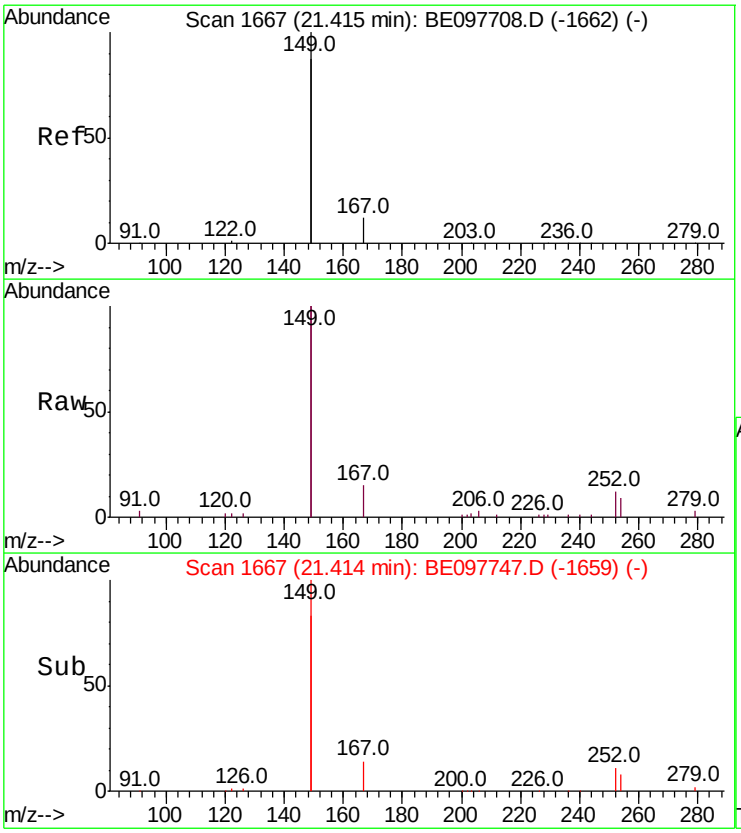
#31
Chrysene
Concen: 0.451 ng
RT: 21.52 min Scan# 1676
Delta R.T. -0.00 min
Lab File: BE097747.D
Acq: 5 Oct 2018 9:57

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:228 Resp: 23775

Ion	Ratio	Lower	Upper
228	100		
226	29.0	24.3	36.5
229	19.5	16.0	24.0

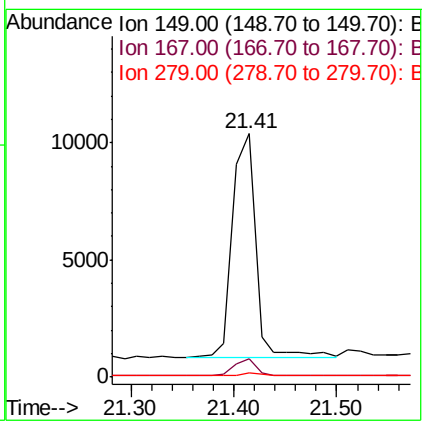


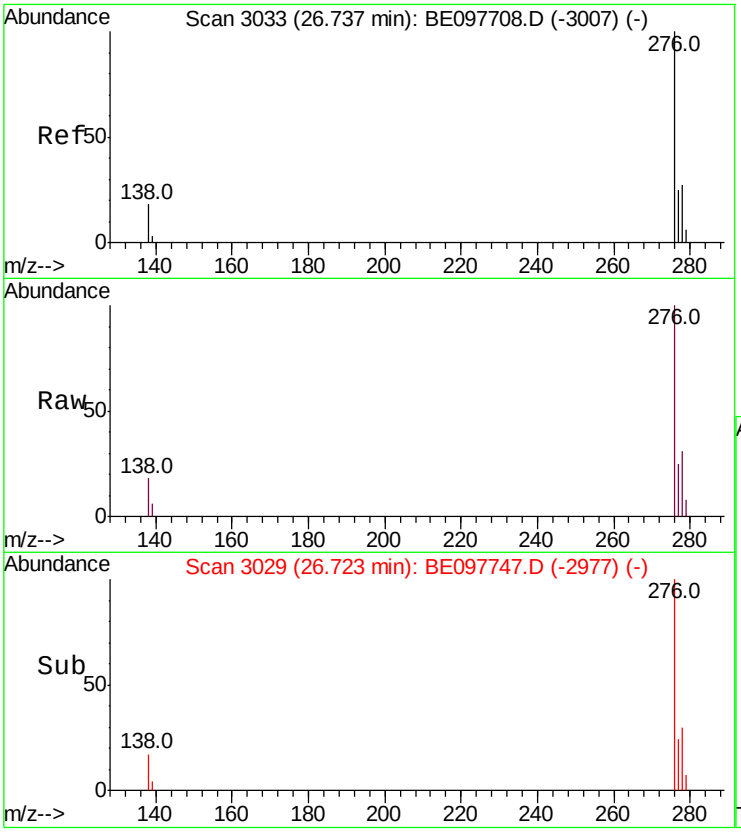


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.431 ng
RT: 21.41 min Scan# 1667
Delta R.T. 0.00 min
Lab File: BE097747.D
Acq: 5 Oct 2018 9:57

Tgt Ion:149 Resp: 14891

Ion	Ratio	Lower	Upper
149	100		
167	6.5	5.5	8.3
279	1.2	0.9	1.3



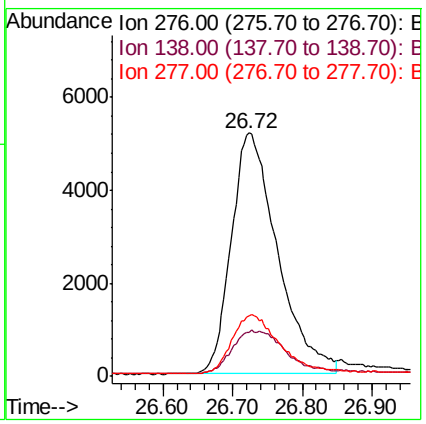


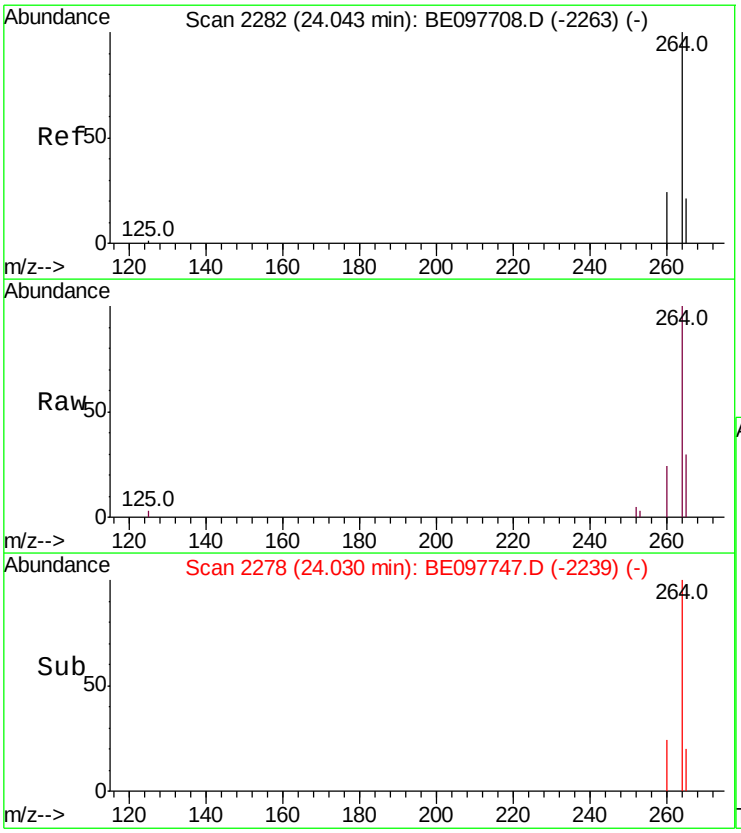
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.522 ng
RT: 26.72 min Scan# 3029
Delta R.T. -0.01 min
Lab File: BE097747.D
Acq: 5 Oct 2018 9:57

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 23924

Ion	Ratio	Lower	Upper
276	100		
138	9.3	15.0	22.6#
277	25.6	19.2	28.8

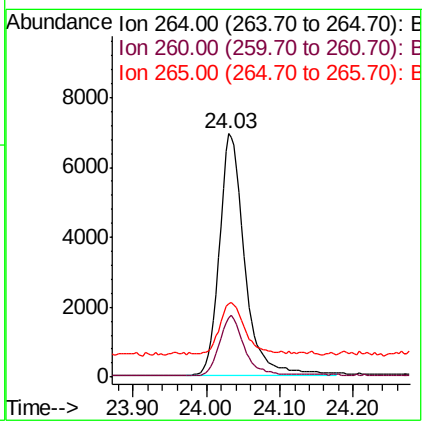


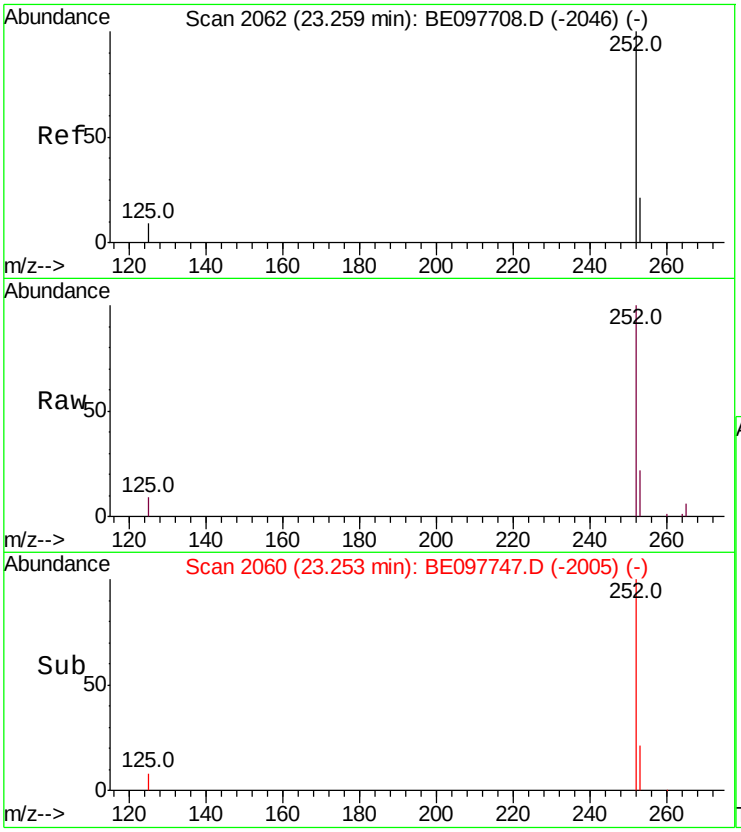


#34
Perylene-d12
Concen: 0.400 ng
RT: 24.03 min Scan# 2278
Delta R.T. -0.01 min
Lab File: BE097747.D
Acq: 5 Oct 2018 9:57

Tgt Ion:264 Resp: 16784

Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.1	28.7
265	29.9	21.9	32.9



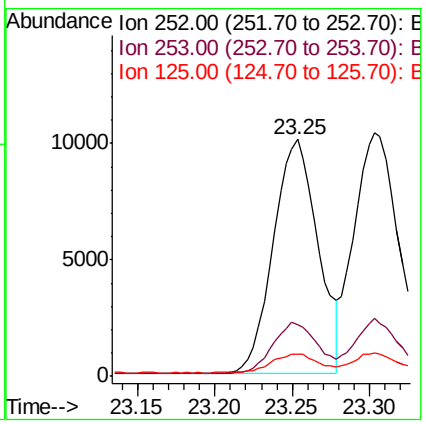


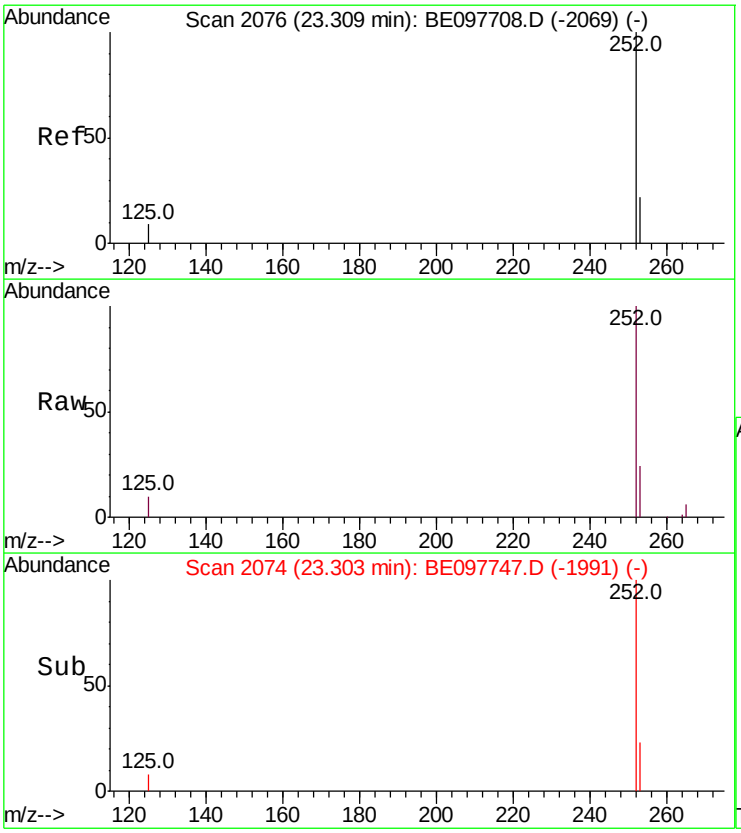
#35
Benzo(b)fluoranthene
Concen: 0.438 ng
RT: 23.25 min Scan# 2060
Delta R.T. -0.01 min
Lab File: BE097747.D
Acq: 5 Oct 2018 9:57

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 20161

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.5	26.3
125	9.4	7.8	11.8

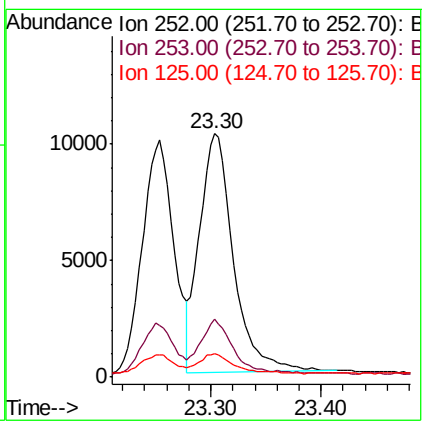


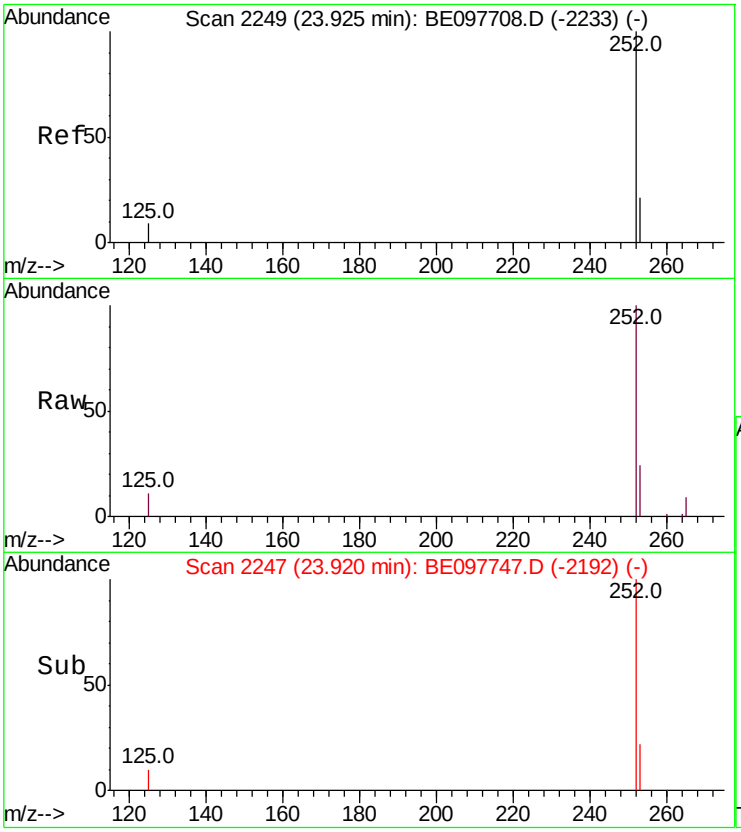


#36
Benzo(k)fluoranthene
Concen: 0.432 ng
RT: 23.30 min Scan# 2074
Delta R.T. -0.01 min
Lab File: BE097747.D
Acq: 5 Oct 2018 9:57

Tgt Ion:252 Resp: 22053

Ion	Ratio	Lower	Upper
252	100		
253	23.7	17.5	26.3
125	9.8	7.5	11.3



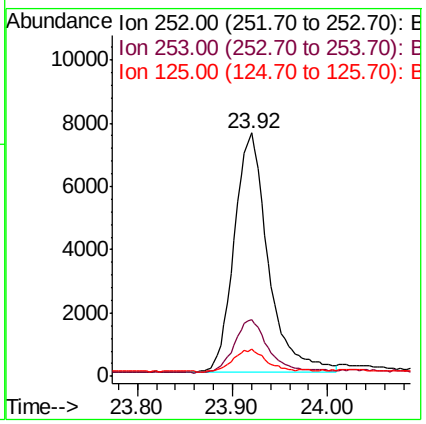


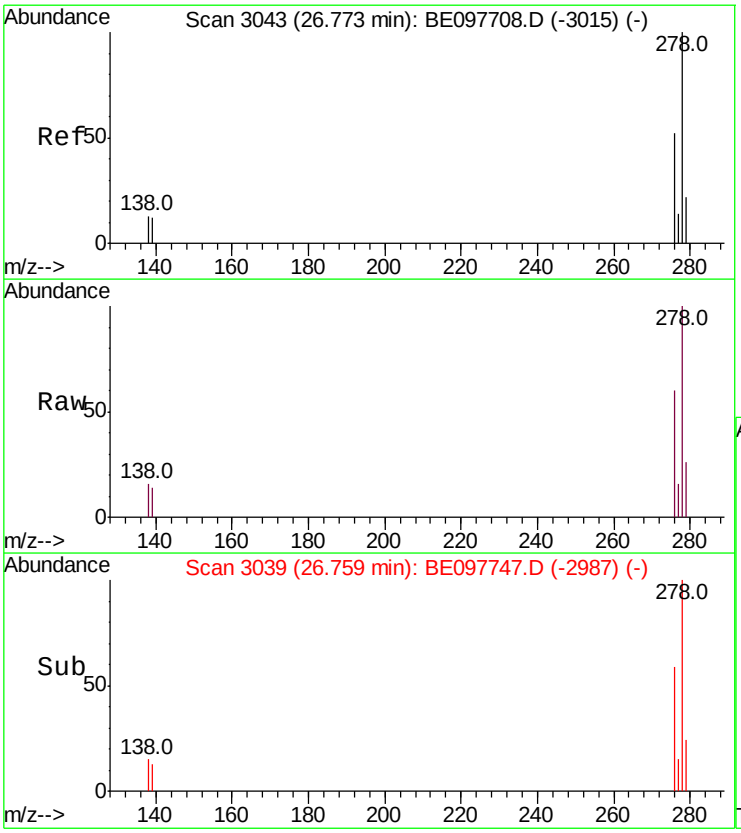
#37
Benzo(a)pyrene
Concen: 0.450 ng
RT: 23.92 min Scan# 2247
Delta R.T. -0.01 min
Lab File: BE097747.D
Acq: 5 Oct 2018 9:57

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 18749

Ion	Ratio	Lower	Upper
252	100		
253	23.5	17.7	26.5
125	11.4	8.3	12.5

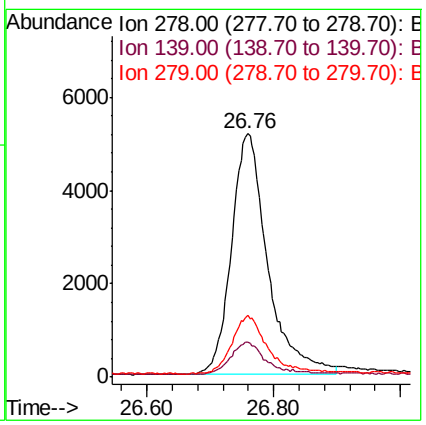


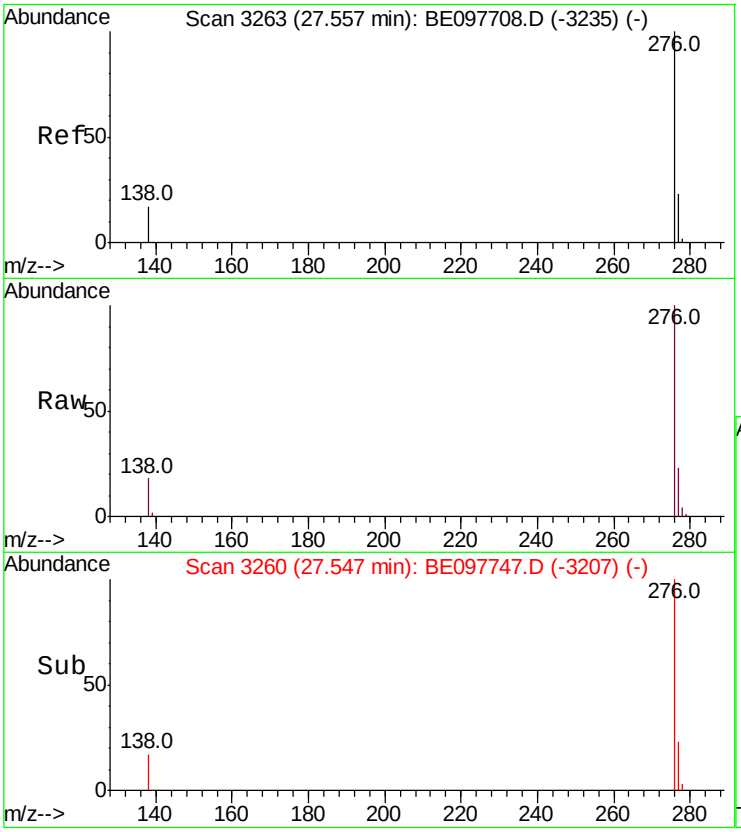


#38
Dibenzo(a,h)anthracene
Concen: 0.501 ng
RT: 26.76 min Scan# 3039
Delta R.T. -0.01 min
Lab File: BE097747.D
Acq: 5 Oct 2018 9:57

Tgt Ion:278 Resp: 20586

Ion	Ratio	Lower	Upper
278	100		
139	14.3	10.3	15.5
279	25.5	18.4	27.6





#39
Benzo(g,h,i)perylene
Concen: 0.526 ng
RT: 27.55 min Scan# 3260
Delta R.T. -0.01 min
Lab File: BE097747.D
Acq: 5 Oct 2018 9:57

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 22600

Ion	Ratio	Lower	Upper
276	100		
277	23.3	19.1	28.7
138	17.7	14.2	21.2