Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE091018\
Data File : BE097442.D
Acq On : 10 Sep 2018 10:08
Operator : SJ/JU
Sample : PB112668BSD
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId :

Quant Time: Sep 10 11:10:27 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	1736	0.40	ng		0.00
7) Naphthalene-d8	10.13	136	7356	0.40	ng		0.00
13) Acenaphthene-d10	14.00	164	3547	0.40	ng		-0.01
19) Phenanthrene-d10	16.75	188	8032	0.40	ng		-0.01
27) Chrysene-d12	20.97	240	11371	0.40	ng		0.00
34) Perylene-d12	23.20	264	12744	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.05	112	1575	0.31	ng		0.00
5) Phenol-d6	6.59	99	2002	0.29	ng		0.00
8) Nitrobenzene-d5	8.52	82	1670	0.32	ng		0.00
11) 2-Methylnaphthalene-d10	11.71	152	4372	0.43	ng		0.00
14) 2,4,6-Tribromophenol	15.52	330	310	0.26	ng		0.00
15) 2-Fluorobiphenyl	12.62	172	4071	0.31	ng		0.00
25) Fluoranthene-d10	18.80	212	26315	0.29	ng		0.00
29) Terphenyl-d14	19.42	244	4576	0.22	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.11	88	645	0.209	ng	#	70
3) n-Nitrosodimethylamine	3.38	42	743	0.258	ng	#	90
6) bis(2-Chloroethyl)ether	6.83	93	1566	0.248	ng		89
9) Naphthalene	10.17	128	19378	0.289	ng		99
10) Hexachlorobutadiene	10.47	225	824	0.275	ng		97
12) 2-Methylnaphthalene	11.79	142	2979	0.282	ng		99
16) Acenaphthylene	13.71	152	3912	0.277	ng		100
17) Acenaphthene	14.07	154	2564	0.273	ng		96
18) Fluorene	15.06	166	3141	0.264	ng	#	79
20) 4-Bromophenyl-phenylether	15.96	248	970	0.266	ng	#	85
21) Hexachlorobenzene	16.07	284	1117	0.277	ng	#	84
22) Pentachlorophenol	16.43	266	564	0.562	ng	#	74
23) Phenanthrene	16.80	178	5326	0.279	ng		99
24) Anthracene	16.89	178	4809	0.296	ng		96
26) Fluoranthene	18.83	202	6565	0.274	ng		98
28) Pyrene	19.19	202	6677	0.247	ng		99
30) Benzo(a)anthracene	20.95	228	8468	0.294	ng		95
31) Chrysene	21.00	228	8655	0.280	ng		99
32) Bis(2-ethylhexyl)phthalate	20.91	149	11636	0.369	ng	#	99
33) Indeno(1,2,3-cd)pyrene	25.49	276	11470	0.272	ng	#	92
35) Benzo(b)fluoranthene	22.53	252	9138	0.273	ng	#	89
36) Benzo(k)fluoranthene	22.57	252	9783	0.266	ng		93
37) Benzo(a)pyrene	23.10	252	9052	0.275	ng	#	92
38) Dibenzo(a,h)anthracene	25.51	278	9633	0.235	ng	#	94
39) Benzo(g,h,i)perylene	26.19	276	9714	0.223	ng	#	90

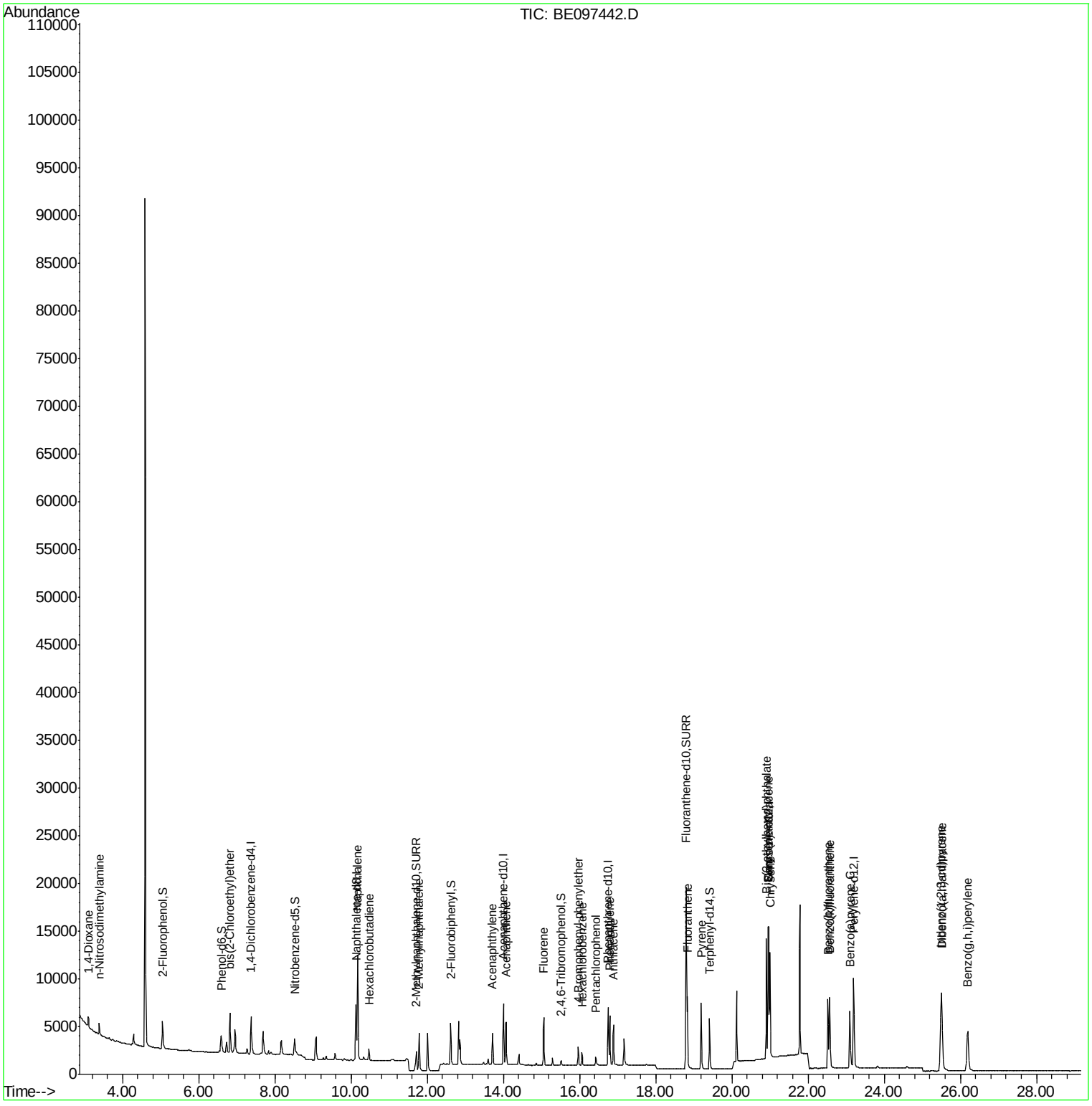
(#) = qualifier out of range (m) = manual integration (+) = signals summed

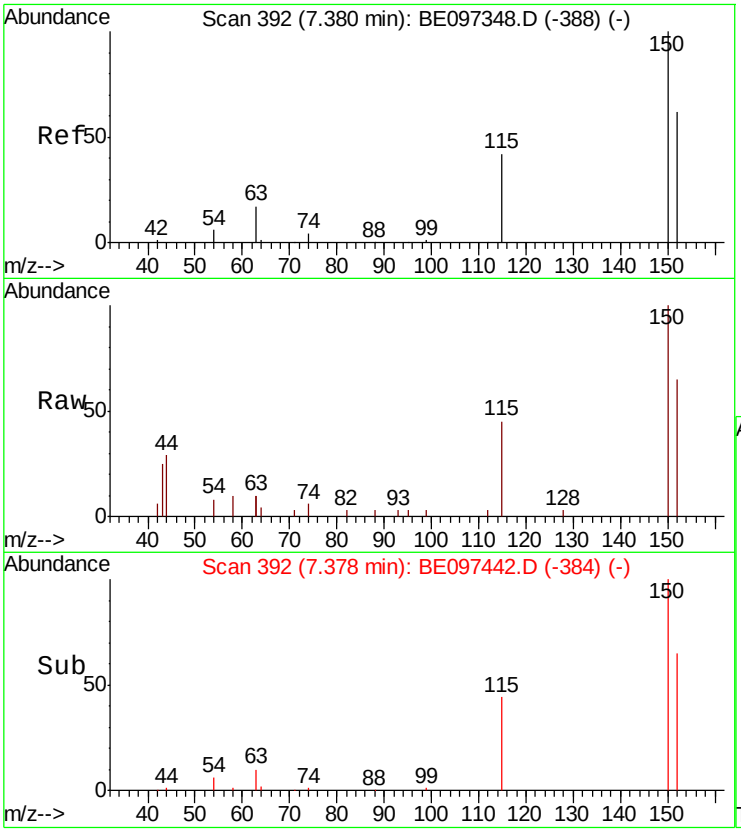
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE091018\
Data File : BE097442.D
Acq On : 10 Sep 2018 10:08
Operator : SJ/JU
Sample : PB112668BSD
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :

Quant Time: Sep 10 10:48:32 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



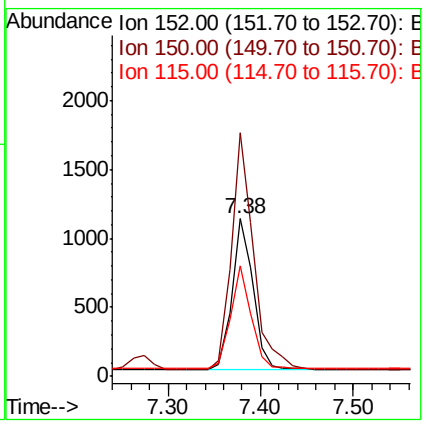


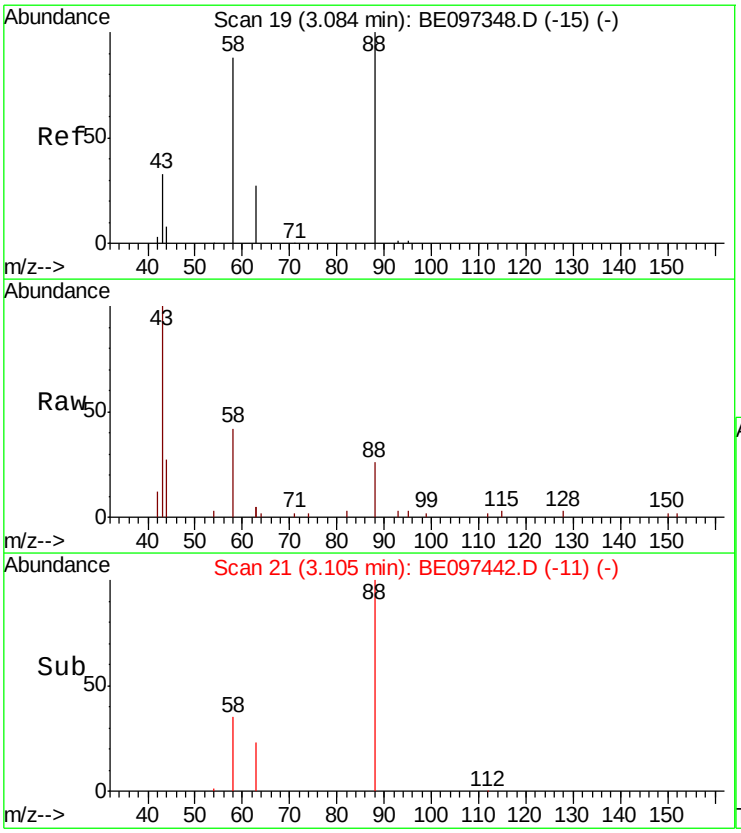
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.38 min Scan# 392
Delta R.T. -0.00 min
Lab File: BE097442.D
Acq: 10 Sep 2018 10:08

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 1736

Ion	Ratio	Lower	Upper
152	100		
150	154.5	117.2	175.8
115	69.9	57.0	85.6

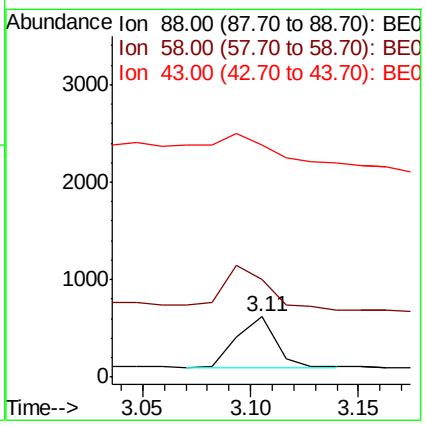


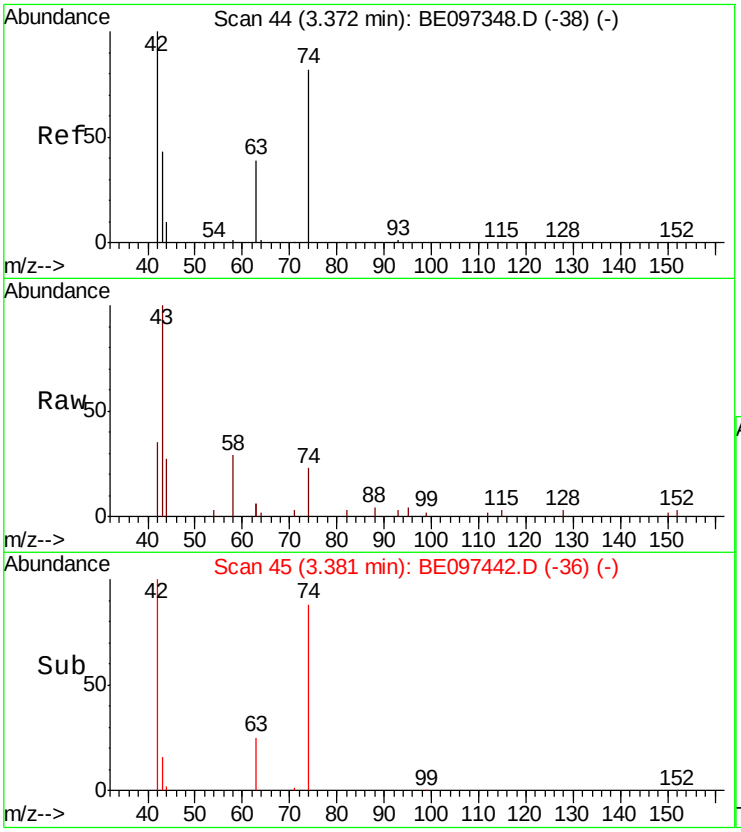


#2
1,4-Dioxane
Concen: 0.209 ng
RT: 3.11 min Scan# 21
Delta R.T. 0.02 min
Lab File: BE097442.D
Acq: 10 Sep 2018 10:08

Tgt Ion: 88 Resp: 645

Ion	Ratio	Lower	Upper
88	100		
58	98.4	63.2	94.8#
43	81.4	41.2	61.8#

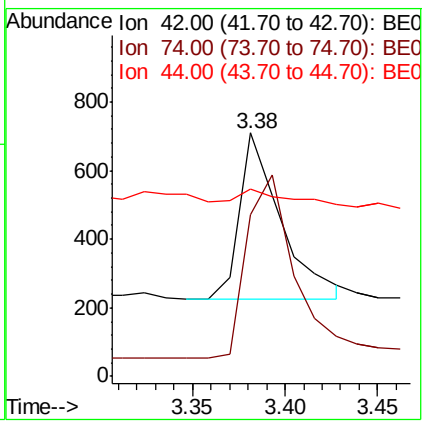




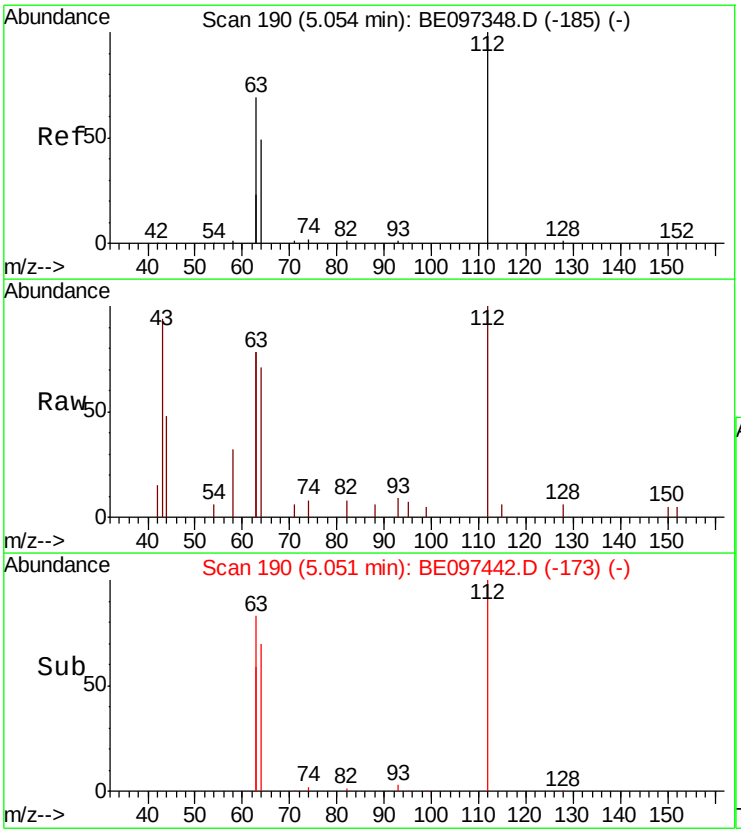
#3
n-Nitrosodimethylamine
Concen: 0.258 ng
RT: 3.38 min Scan# 45
Delta R.T. 0.01 min
Lab File: BE097442.D
Acq: 10 Sep 2018 10:08

Tgt Ion: 42 Resp: 743

Ion	Ratio	Lower	Upper
42	100		
74	130.1	96.0	144.0
44	9.2	12.0	18.0#



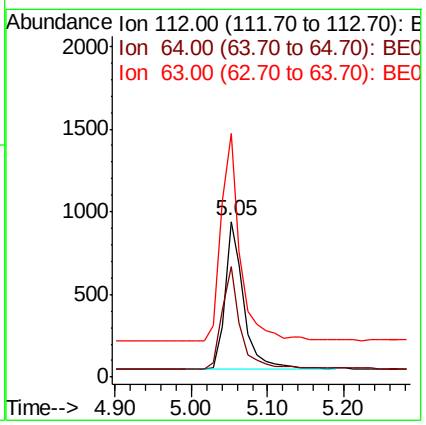
Instrument :
BNA_E
ClientSampleId :

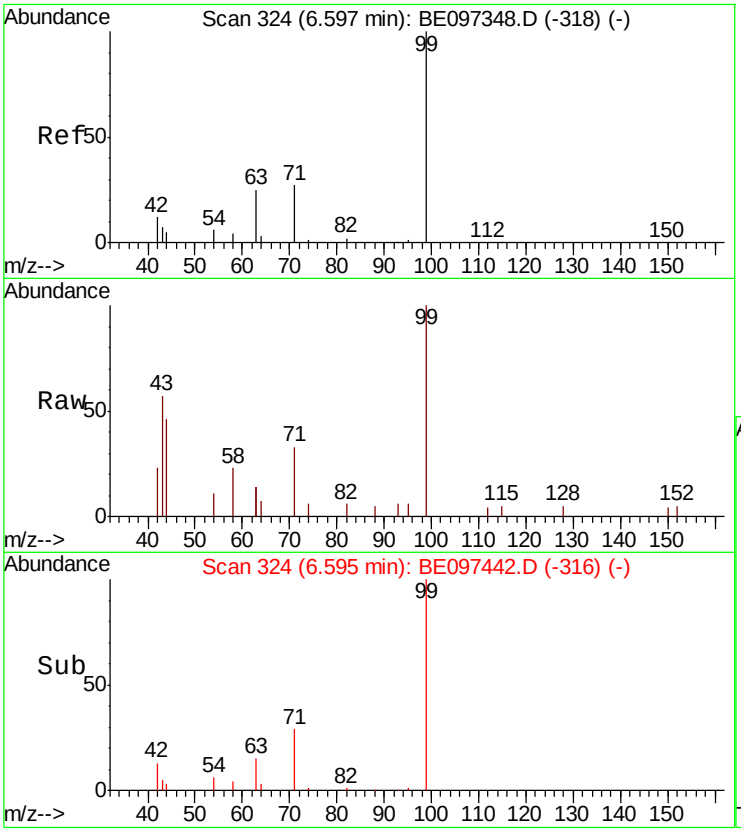


#4
2-Fluorophenol
Concen: 0.307 ng
RT: 5.05 min Scan# 190
Delta R.T. -0.00 min
Lab File: BE097442.D
Acq: 10 Sep 2018 10:08

Tgt Ion:112 Resp: 1575

Ion	Ratio	Lower	Upper
112	100		
64	68.1	60.1	90.1
63	142.7	116.8	175.2



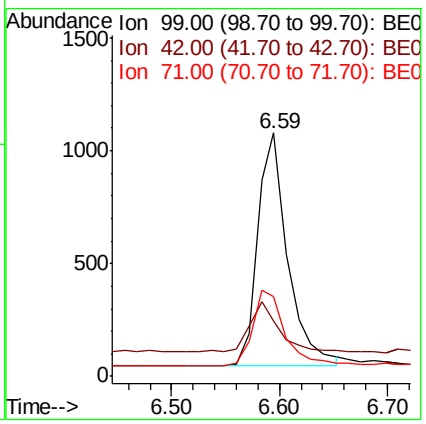


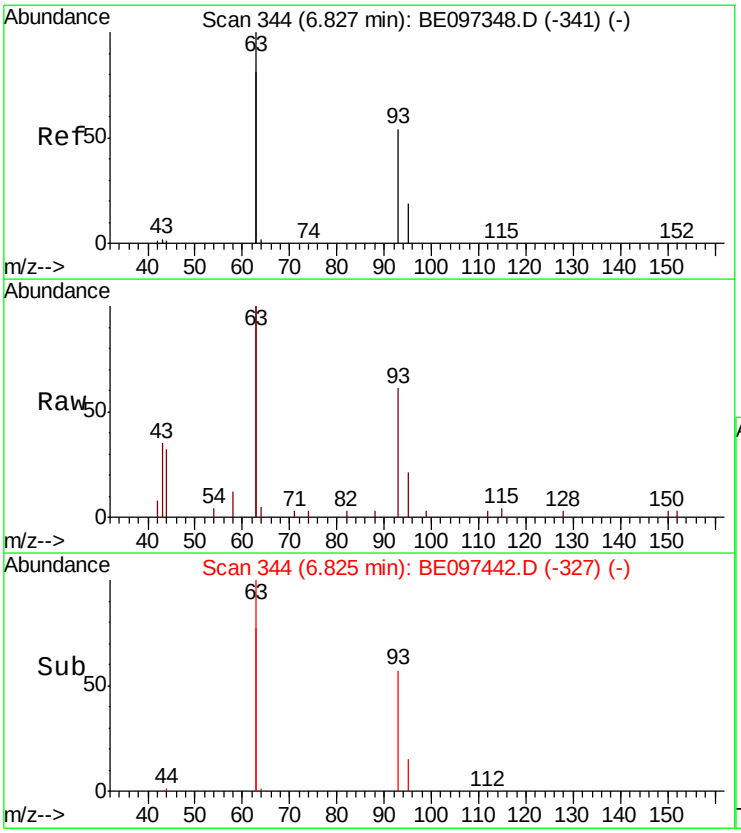
#5
Phenol-d6
Concen: 0.292 ng
RT: 6.59 min Scan# 324
Delta R.T. -0.00 min
Lab File: BE097442.D
Acq: 10 Sep 2018 10:08

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 99 Resp: 2002

Ion	Ratio	Lower	Upper
99	100		
42	21.2	20.2	30.2
71	34.4	28.4	42.6

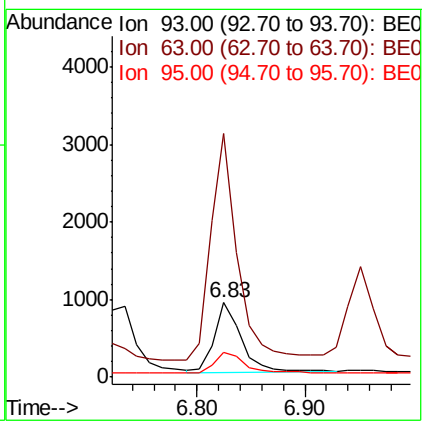


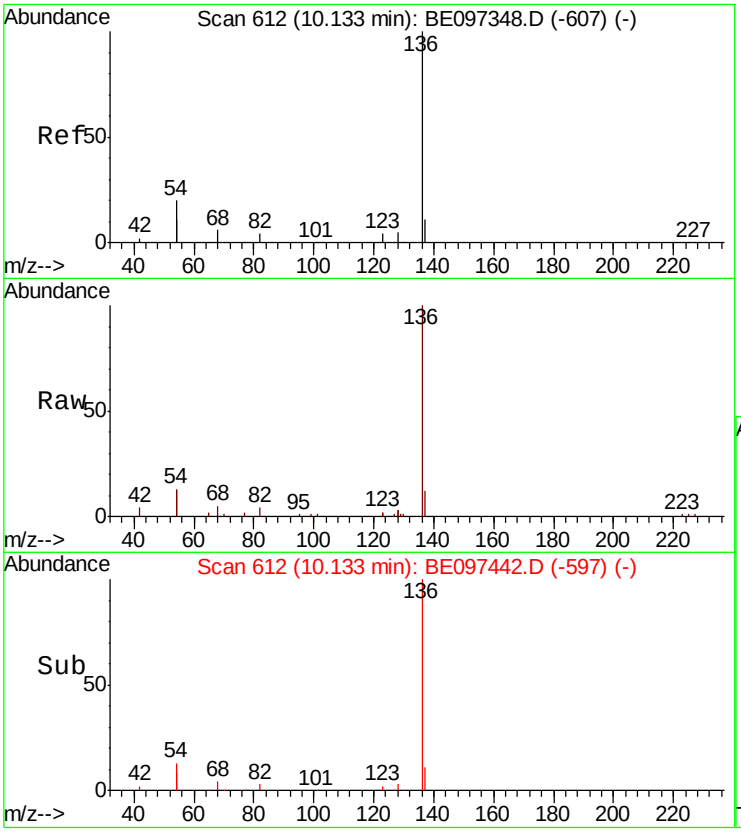


#6
bis(2-Chloroethyl)ether
Concen: 0.248 ng
RT: 6.83 min Scan# 344
Delta R.T. -0.00 min
Lab File: BE097442.D
Acq: 10 Sep 2018 10:08

Tgt Ion: 93 Resp: 1566

Ion	Ratio	Lower	Upper
93	100		
63	319.0	275.3	412.9
95	31.4	25.2	37.8



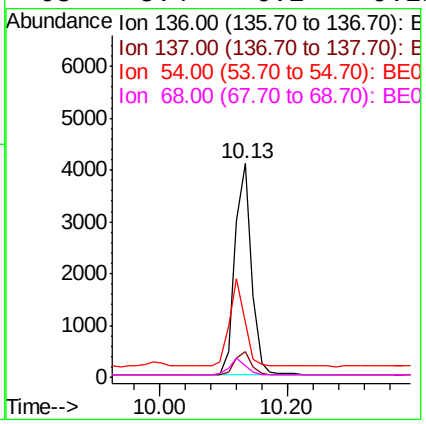


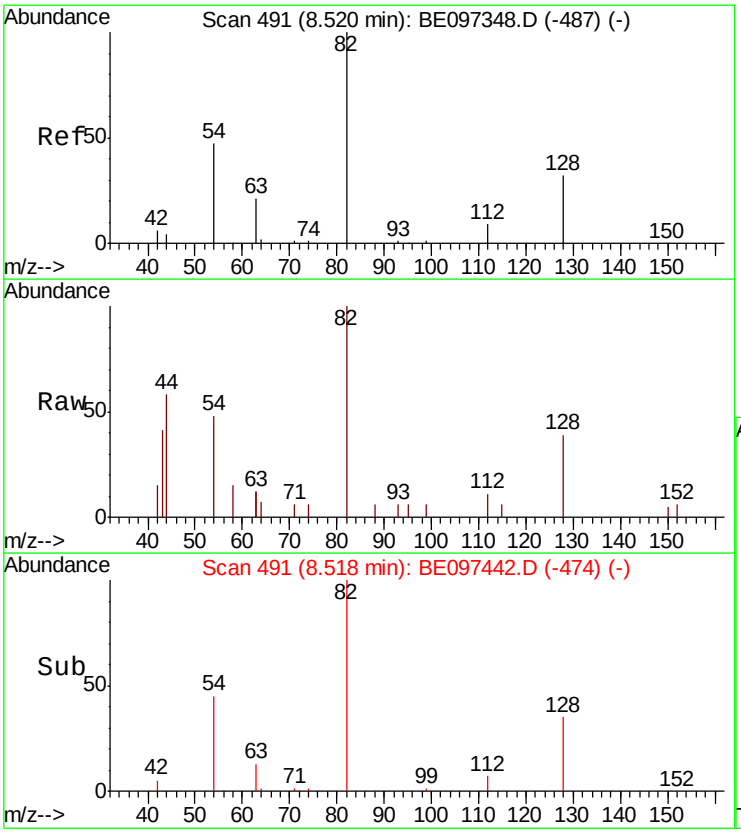
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.13 min Scan# 612
Delta R.T. 0.00 min
Lab File: BE097442.D
Acq: 10 Sep 2018 10:08

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:136 Resp: 7356

Ion	Ratio	Lower	Upper
136	100		
137	12.1	9.5	14.3
54	25.9	29.1	43.7#
68	5.4	6.2	9.2#

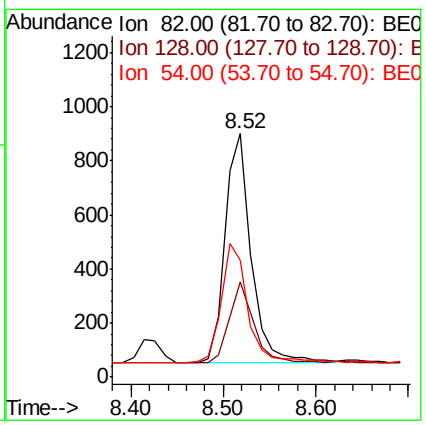


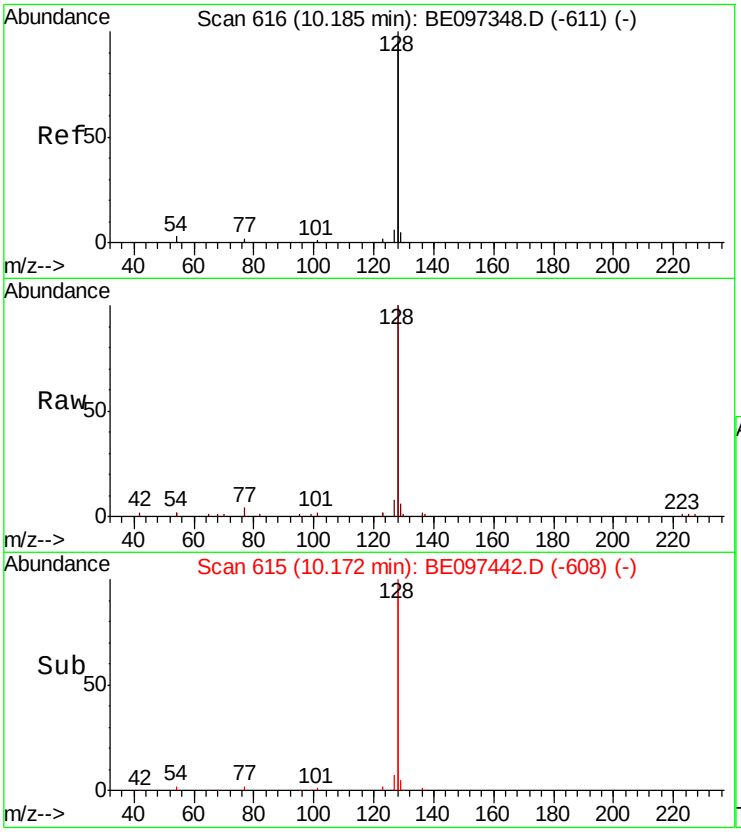


#8
Nitrobenzene-d5
Concen: 0.317 ng
RT: 8.52 min Scan# 491
Delta R.T. -0.00 min
Lab File: BE097442.D
Acq: 10 Sep 2018 10:08

Tgt Ion: 82 Resp: 1670

Ion	Ratio	Lower	Upper
82	100		
128	39.1	24.0	36.0#
54	48.1	40.0	60.0



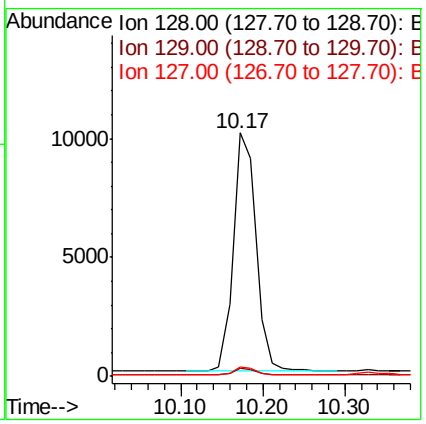


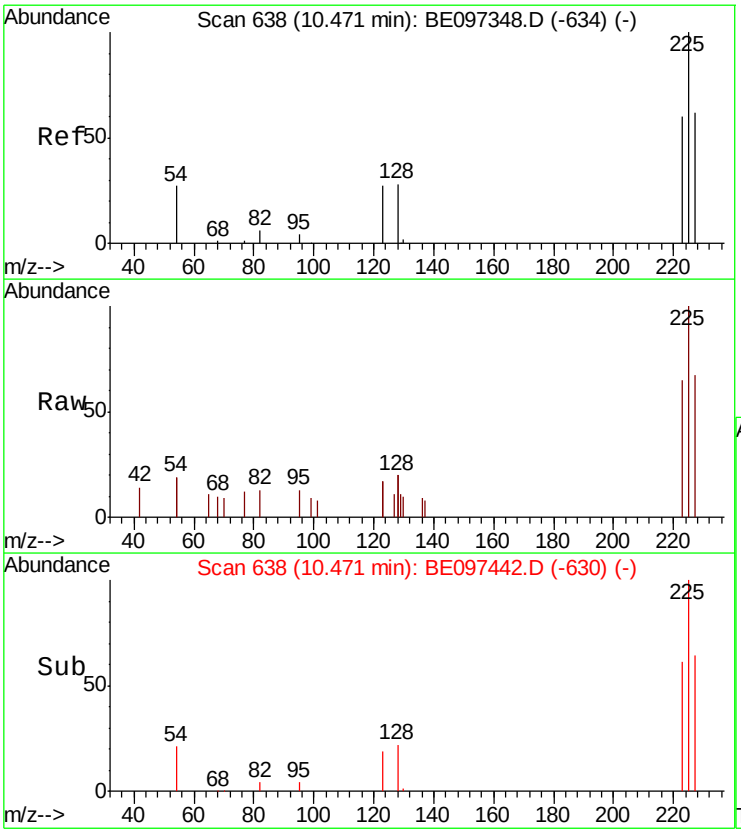
#9
Naphthalene
Concen: 0.289 ng
RT: 10.17 min Scan# 615
Delta R.T. -0.01 min
Lab File: BE097442.D
Acq: 10 Sep 2018 10:08

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:128 Resp: 19378

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

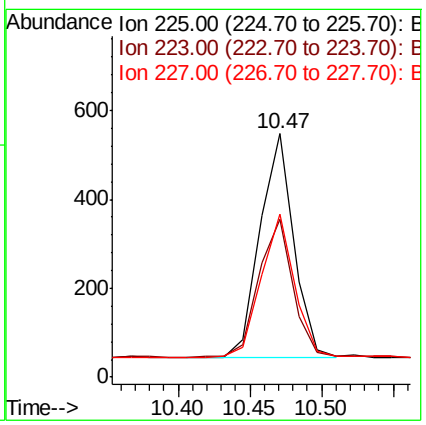


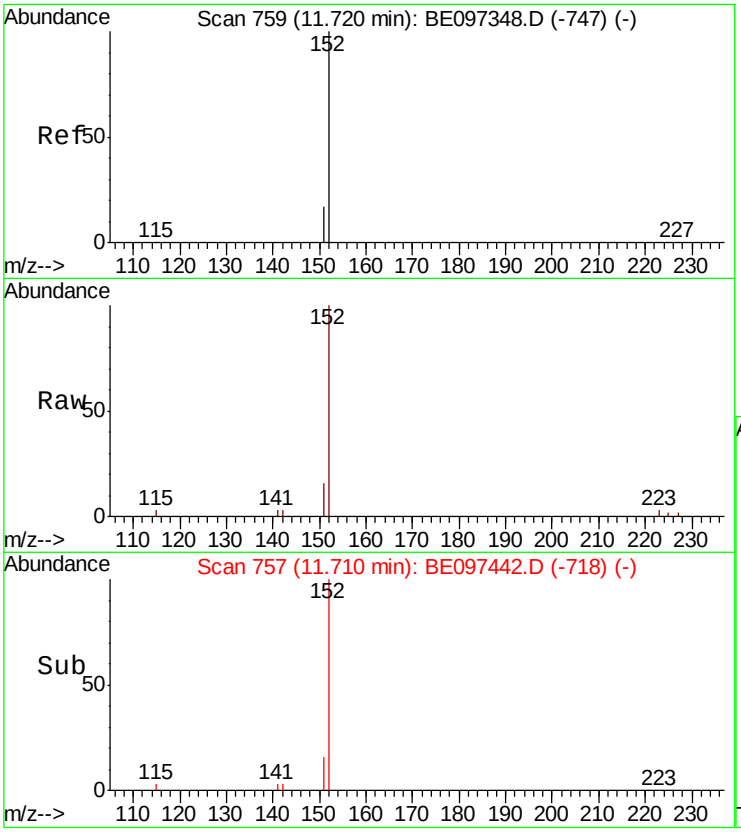


#10
Hexachlorobutadiene
Concen: 0.275 ng
RT: 10.47 min Scan# 638
Delta R.T. 0.00 min
Lab File: BE097442.D
Acq: 10 Sep 2018 10:08

Tgt Ion:225 Resp: 824

Ion	Ratio	Lower	Upper
225	100		
223	62.4	53.0	79.6
227	64.1	51.4	77.2



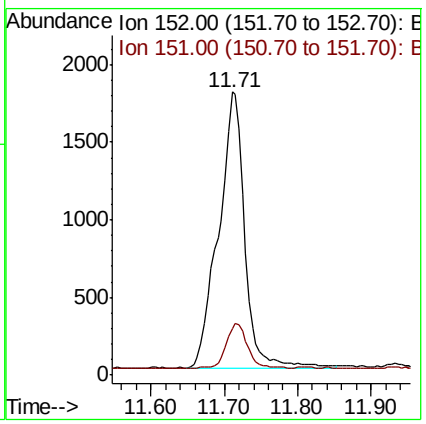


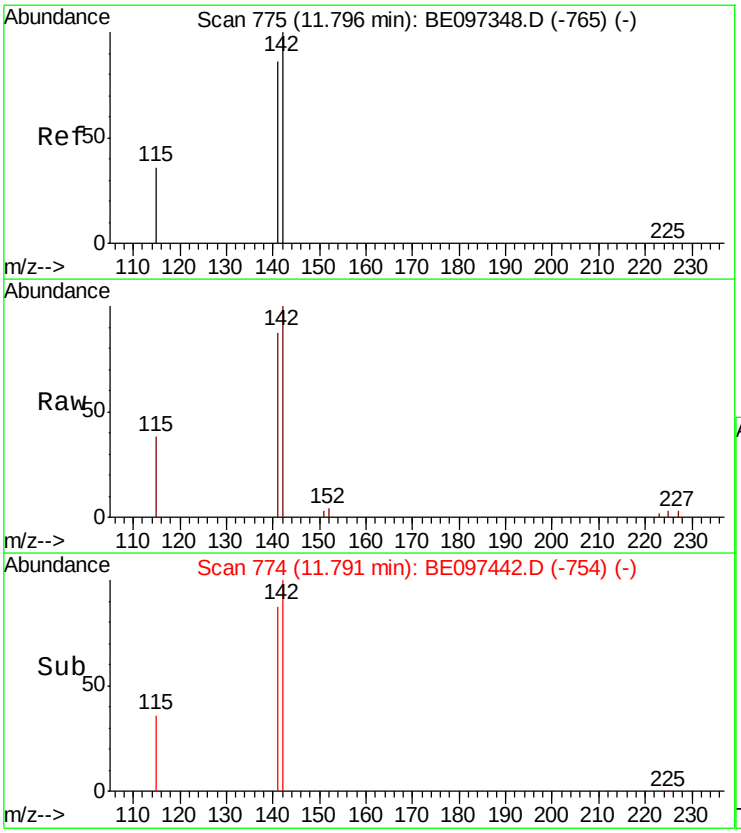
#11
2-Methylnaphthalene-d10
Concen: 0.426 ng
RT: 11.71 min Scan# 757
Delta R.T. -0.01 min
Lab File: BE097442.D
Acq: 10 Sep 2018 10:08

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 4372

Ion	Ratio	Lower	Upper
152	100		
151	12.6	15.4	23.0#

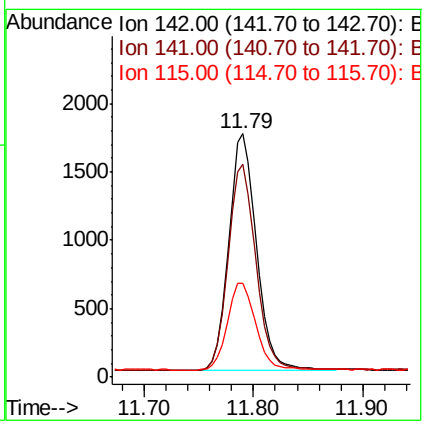


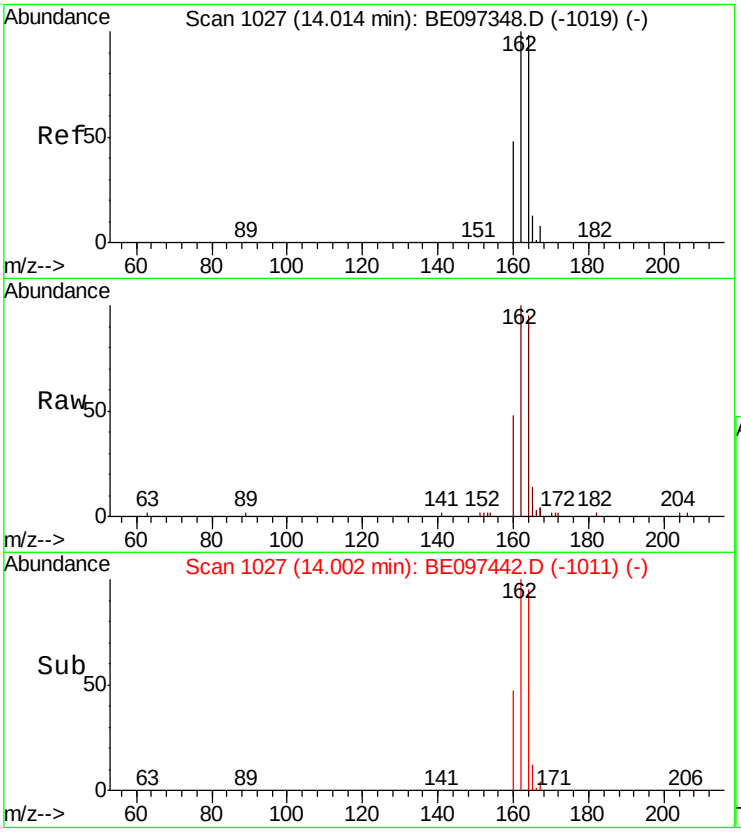


#12
2-Methylnaphthalene
Concen: 0.282 ng
RT: 11.79 min Scan# 774
Delta R.T. -0.01 min
Lab File: BE097442.D
Acq: 10 Sep 2018 10:08

Tgt Ion:142 Resp: 2979

Ion	Ratio	Lower	Upper
142	100		
141	87.4	70.4	105.6
115	38.5	31.7	47.5



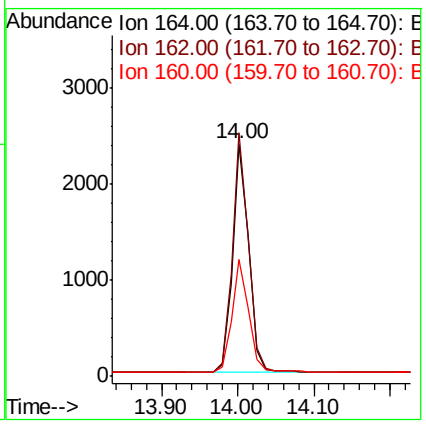


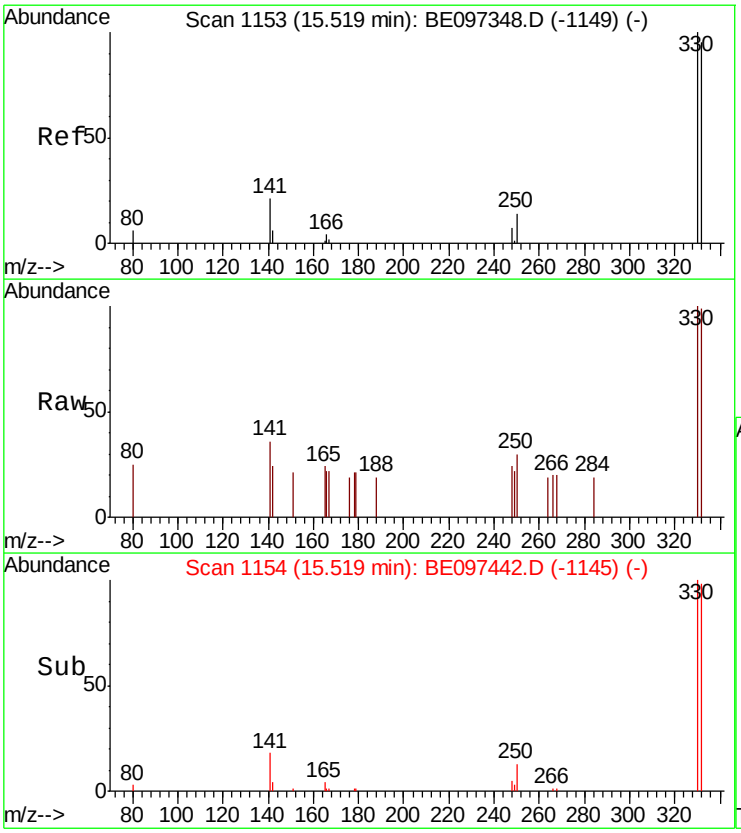
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.00 min Scan# 1027
Delta R.T. -0.01 min
Lab File: BE097442.D
Acq: 10 Sep 2018 10:08

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:164 Resp: 3547

Ion	Ratio	Lower	Upper
164	100		
162	104.8	83.1	124.7
160	50.4	37.1	55.7

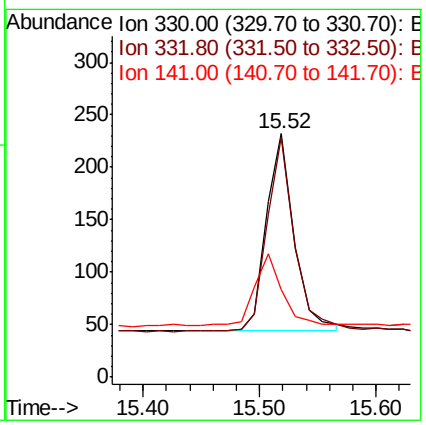


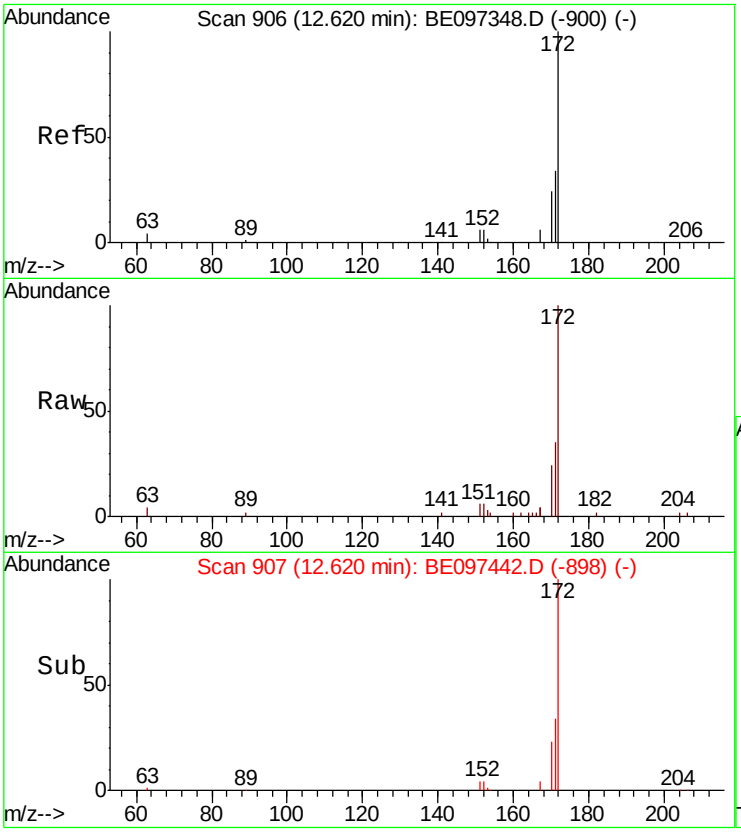


#14
2,4,6-Tribromophenol
Concen: 0.258 ng
RT: 15.52 min Scan# 1154
Delta R.T. -0.00 min
Lab File: BE097442.D
Acq: 10 Sep 2018 10:08

Tgt Ion:330 Resp: 310

Ion	Ratio	Lower	Upper
330	100		
332	99.7	152.7	229.1#
141	36.8	33.7	50.5



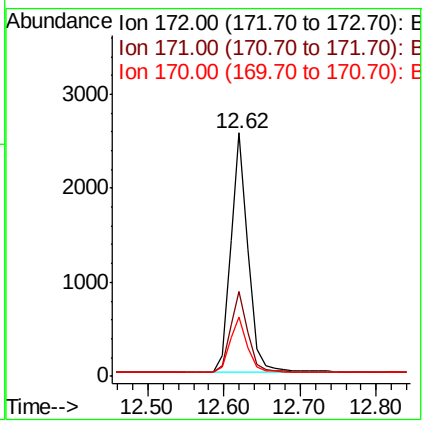


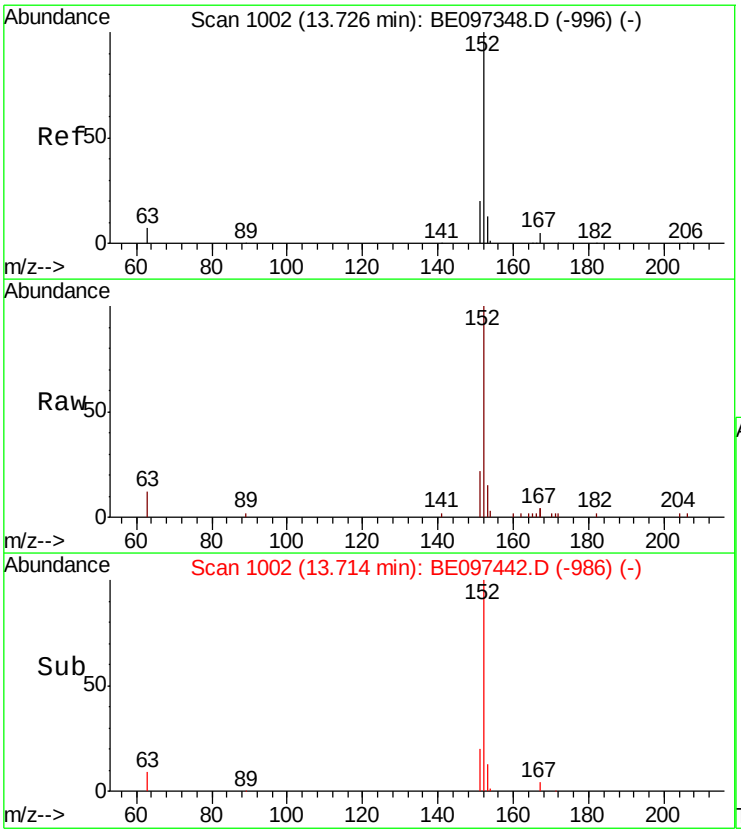
#15
2-Fluorobiphenyl
Concen: 0.313 ng
RT: 12.62 min Scan# 907
Delta R.T. 0.00 min
Lab File: BE097442.D
Acq: 10 Sep 2018 10:08

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:172 Resp: 4071

Ion	Ratio	Lower	Upper
172	100		
171	35.1	29.9	44.9
170	24.5	21.8	32.8

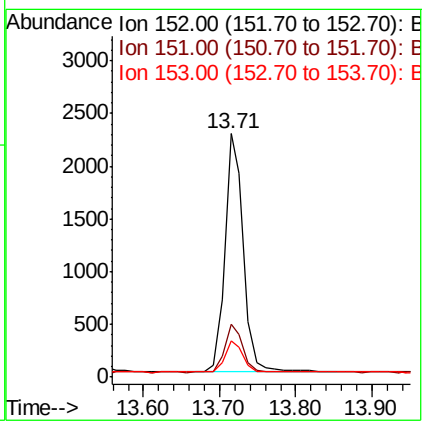


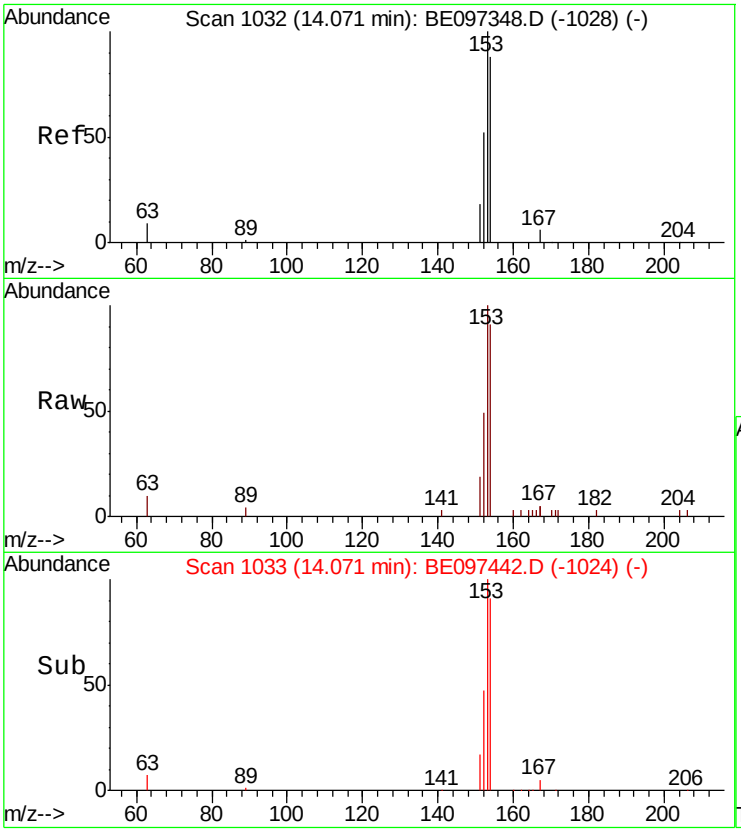


#16
Acenaphthylene
Concen: 0.277 ng
RT: 13.71 min Scan# 1002
Delta R.T. -0.01 min
Lab File: BE097442.D
Acq: 10 Sep 2018 10:08

Tgt Ion:152 Resp: 3912

Ion	Ratio	Lower	Upper
152	100		
151	19.5	15.7	23.5
153	13.3	10.5	15.7



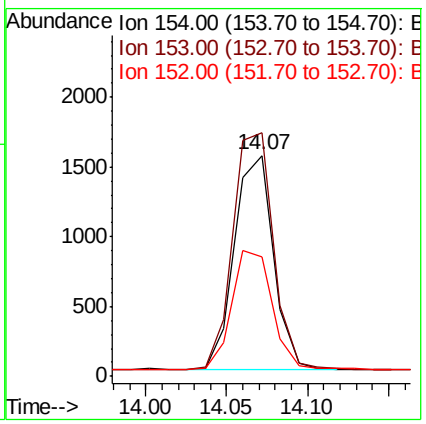


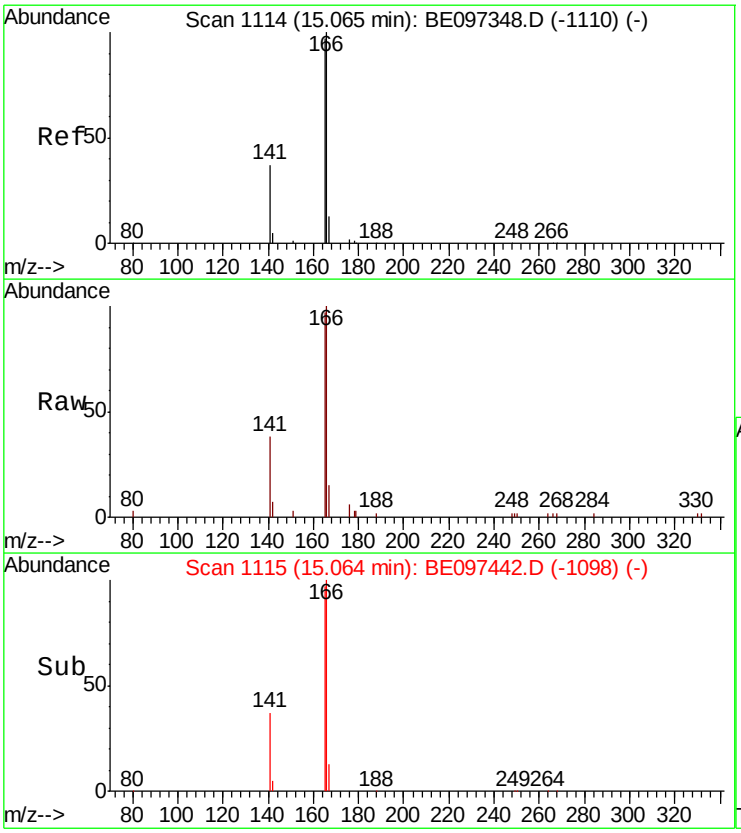
#17
Acenaphthene
Concen: 0.273 ng
RT: 14.07 min Scan# 1033
Delta R.T. 0.00 min
Lab File: BE097442.D
Acq: 10 Sep 2018 10:08

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:154 Resp: 2564

Ion	Ratio	Lower	Upper
154	100		
153	114.2	89.2	133.8
152	57.2	42.0	63.0

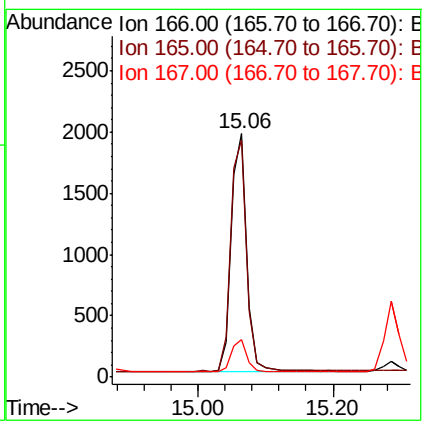


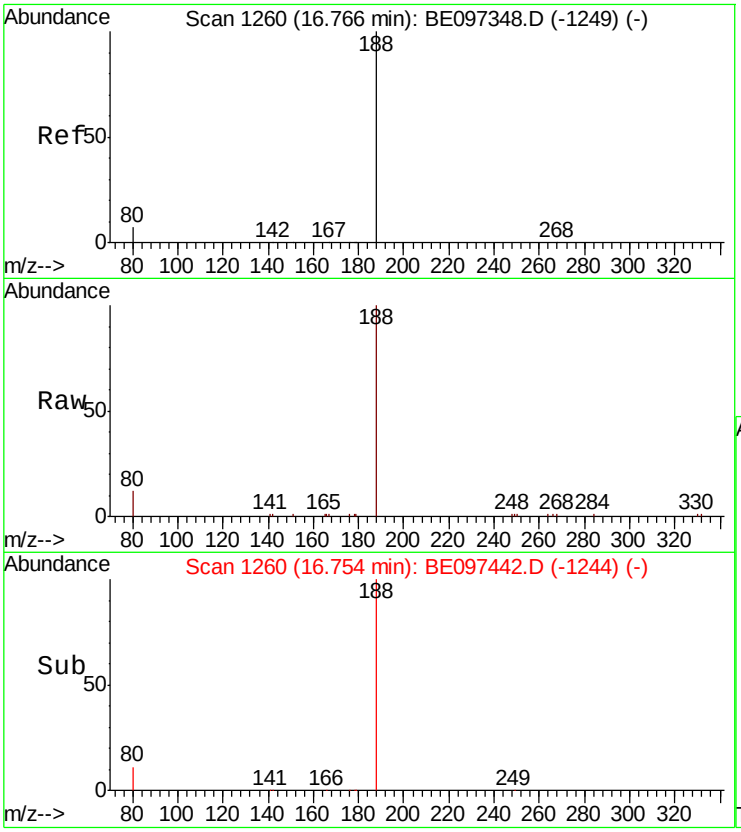


#18
Fluorene
Concen: 0.264 ng
RT: 15.06 min Scan# 1115
Delta R.T. -0.00 min
Lab File: BE097442.D
Acq: 10 Sep 2018 10:08

Tgt Ion:166 Resp: 3141

Ion	Ratio	Lower	Upper
166	100		
165	99.8	77.8	116.6
167	13.6	42.4	63.6#



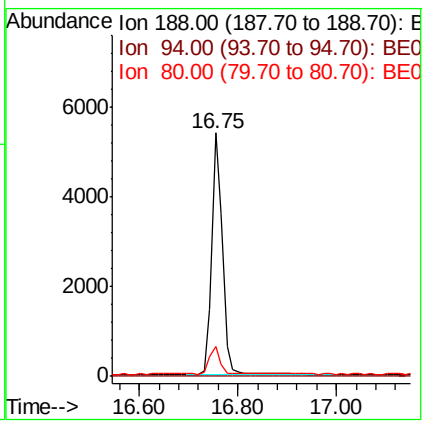


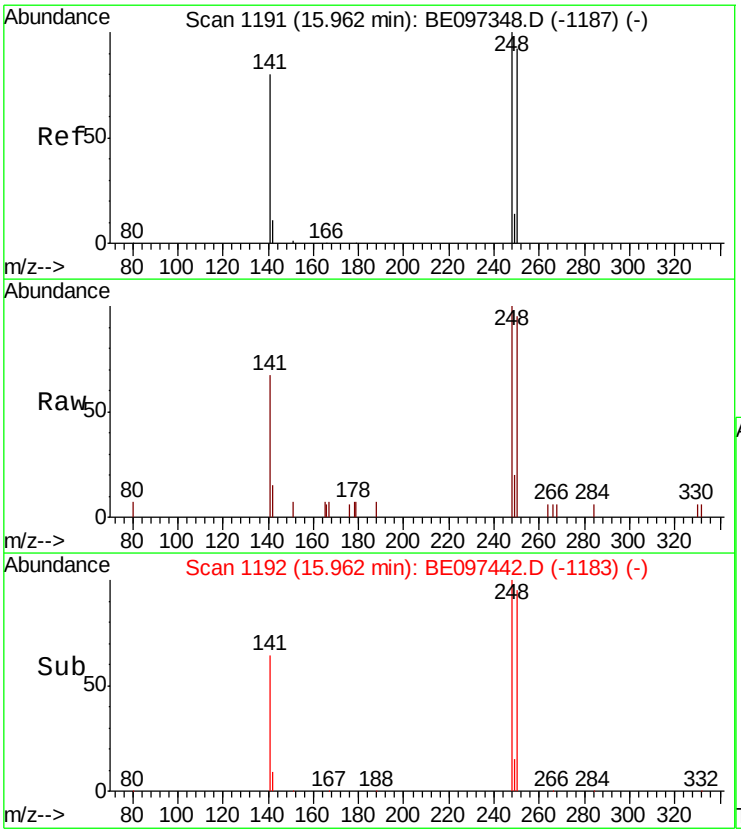
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.75 min Scan# 1260
Delta R.T. -0.01 min
Lab File: BE097442.D
Acq: 10 Sep 2018 10:08

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:188 Resp: 8032

Ion	Ratio	Lower	Upper
188	100		
94	0.0	3.9	5.9#
80	12.3	3.6	5.4#

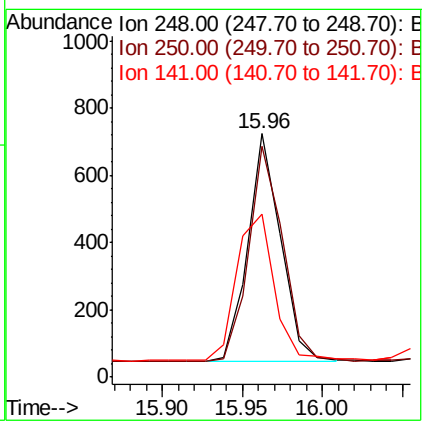


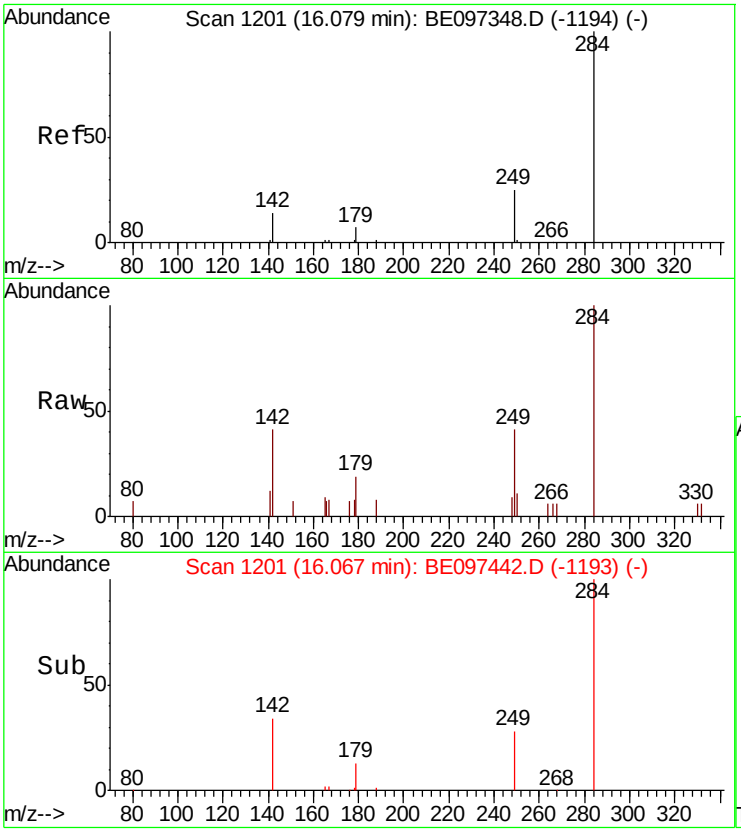


#20
4-Bromophenyl-phenylether
Concen: 0.266 ng
RT: 15.96 min Scan# 1192
Delta R.T. -0.00 min
Lab File: BE097442.D
Acq: 10 Sep 2018 10:08

Tgt Ion:248 Resp: 970

Ion	Ratio	Lower	Upper
248	100		
250	95.0	62.7	94.1#
141	66.9	48.2	72.2



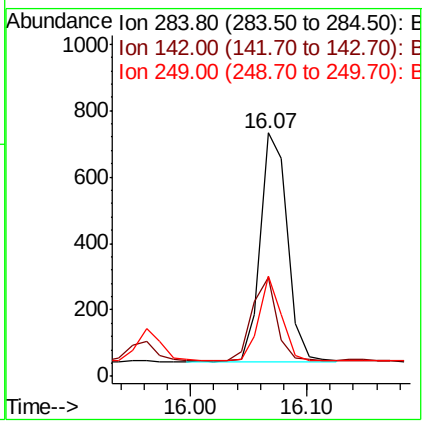


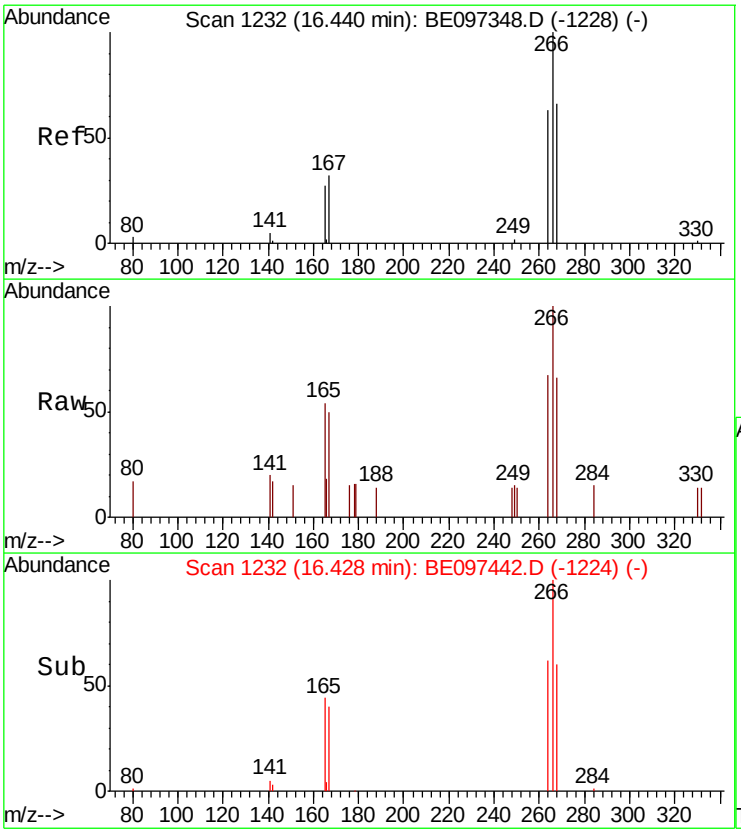
#21
Hexachlorobenzene
Concen: 0.277 ng
RT: 16.07 min Scan# 1201
Delta R.T. -0.01 min
Lab File: BE097442.D
Acq: 10 Sep 2018 10:08

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:284 Resp: 1117

Ion	Ratio	Lower	Upper
284	100		
142	33.3	22.1	33.1#
249	31.3	34.8	52.2#

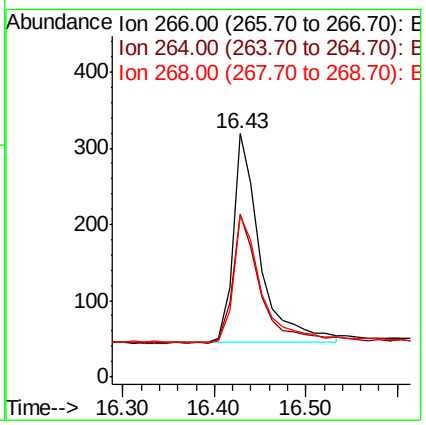


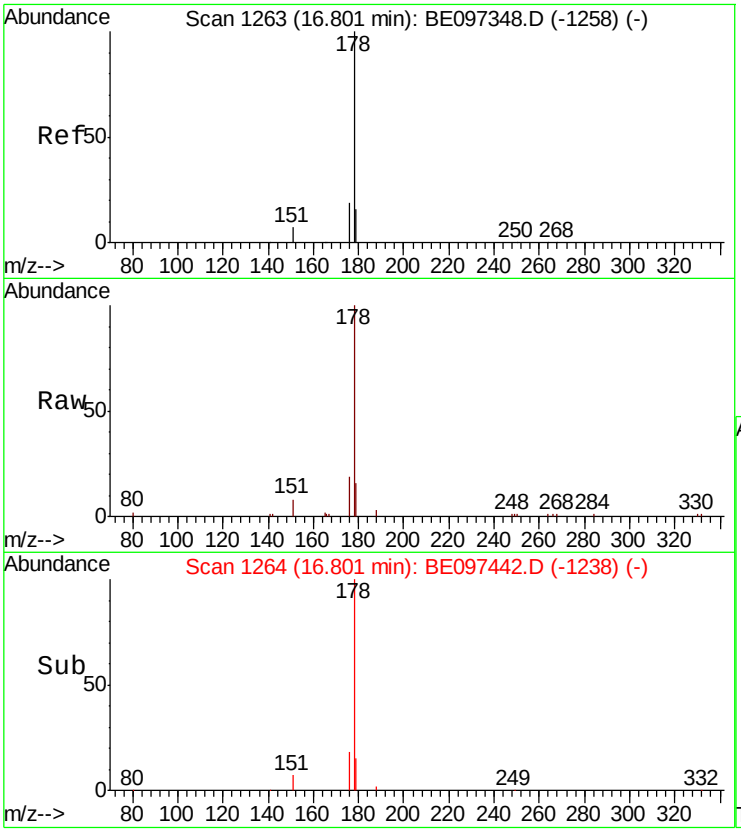


#22
Pentachlorophenol
Concen: 0.562 ng
RT: 16.43 min Scan# 1232
Delta R.T. -0.01 min
Lab File: BE097442.D
Acq: 10 Sep 2018 10:08

Tgt Ion:266 Resp: 564

Ion	Ratio	Lower	Upper
266	100		
264	67.1	72.5	108.7#
268	66.1	73.8	110.6#



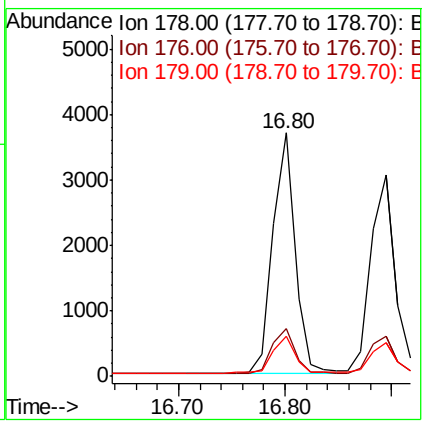


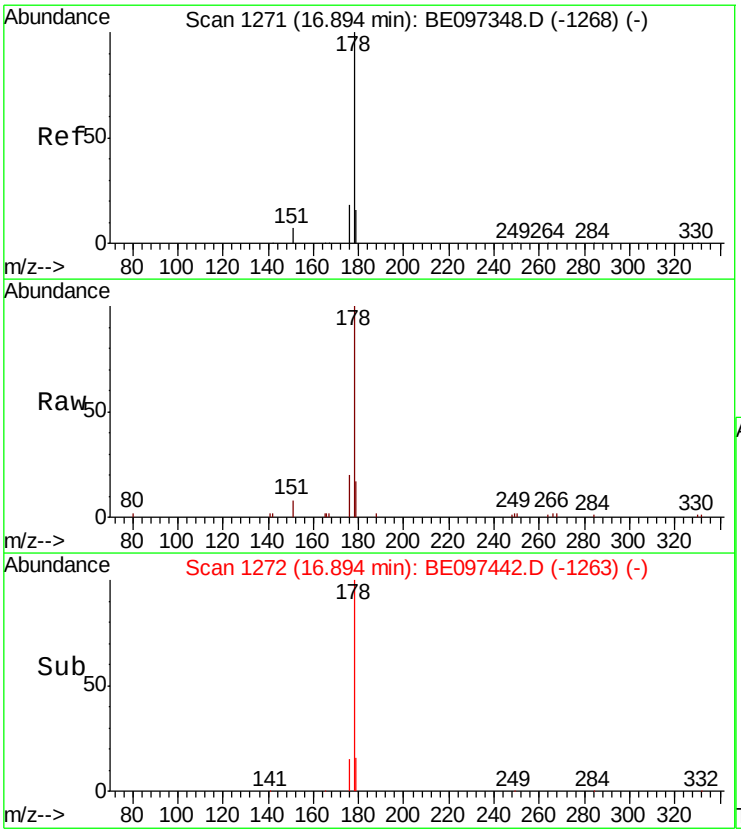
#23
Phenanthrene
Concen: 0.279 ng
RT: 16.80 min Scan# 1264
Delta R.T. -0.00 min
Lab File: BE097442.D
Acq: 10 Sep 2018 10:08

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:178 Resp: 5326

Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.1	22.7
179	15.4	11.8	17.6

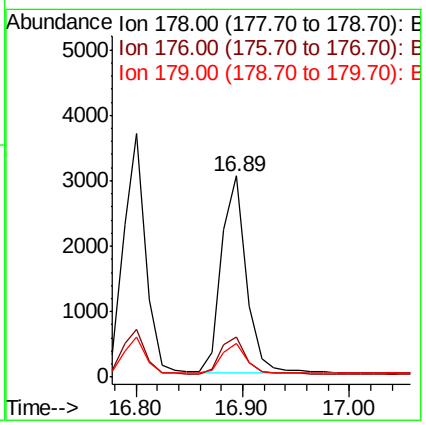


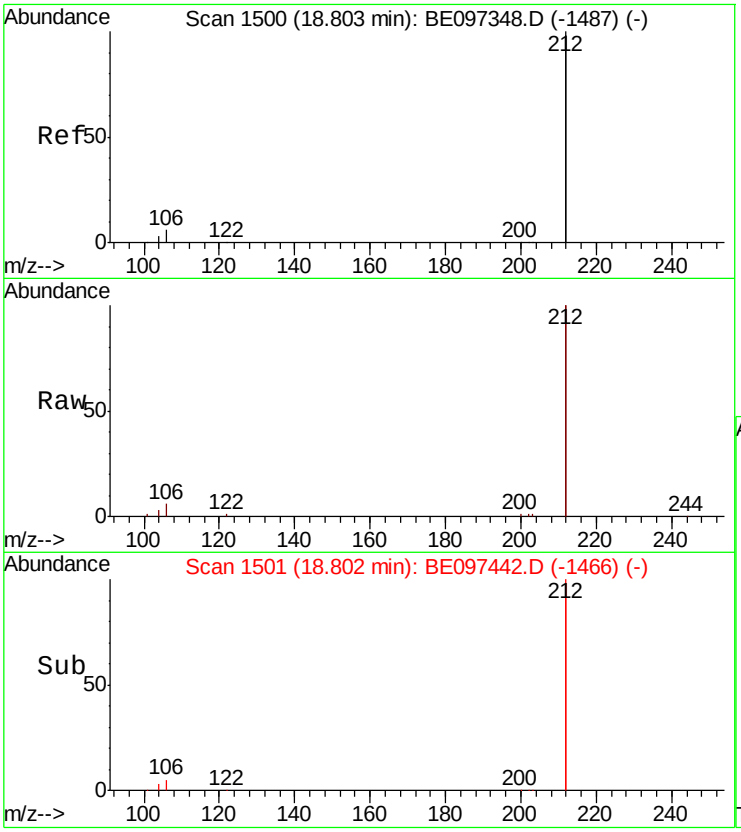


#24
Anthracene
Concen: 0.296 ng
RT: 16.89 min Scan# 1272
Delta R.T. -0.00 min
Lab File: BE097442.D
Acq: 10 Sep 2018 10:08

Tgt Ion:178 Resp: 4809

Ion	Ratio	Lower	Upper
178	100		
176	18.9	12.8	19.2
179	15.6	13.0	19.6



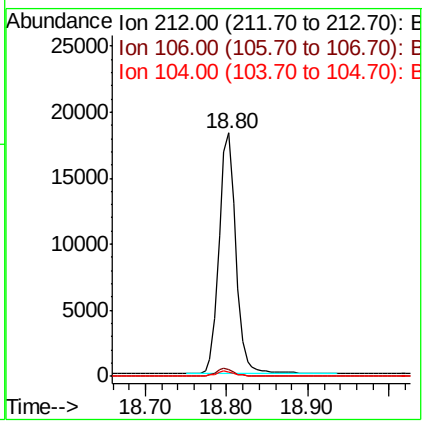


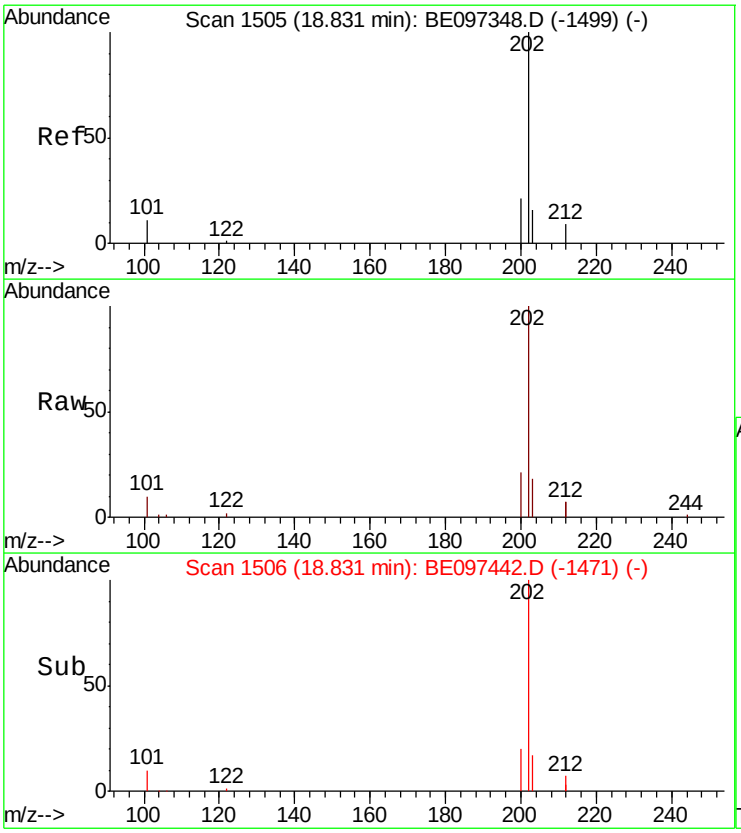
#25
Fluoranthene-d10
Concen: 0.285 ng
RT: 18.80 min Scan# 1501
Delta R.T. -0.00 min
Lab File: BE097442.D
Acq: 10 Sep 2018 10:08

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:212 Resp: 26315

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

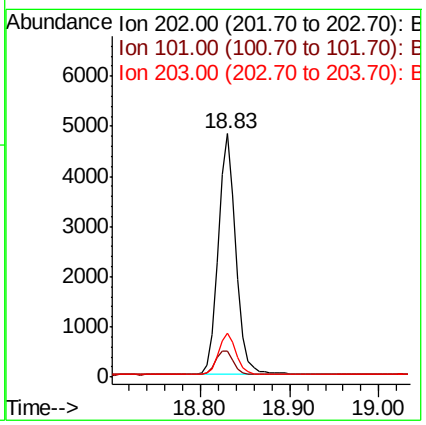


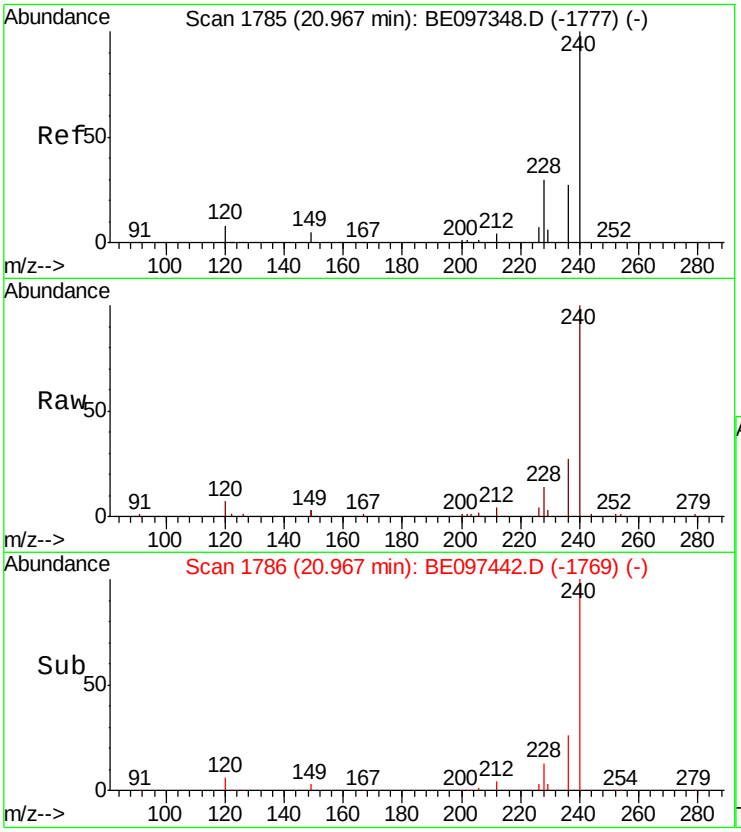


#26
Fluoranthene
Concen: 0.274 ng
RT: 18.83 min Scan# 1506
Delta R.T. -0.00 min
Lab File: BE097442.D
Acq: 10 Sep 2018 10:08

Tgt Ion:202 Resp: 6565

Ion	Ratio	Lower	Upper
202	100		
101	10.5	9.8	14.8
203	17.3	13.7	20.5



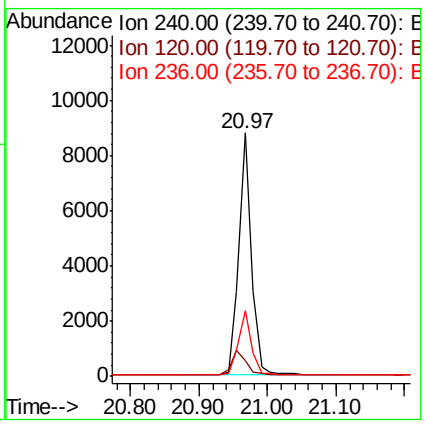


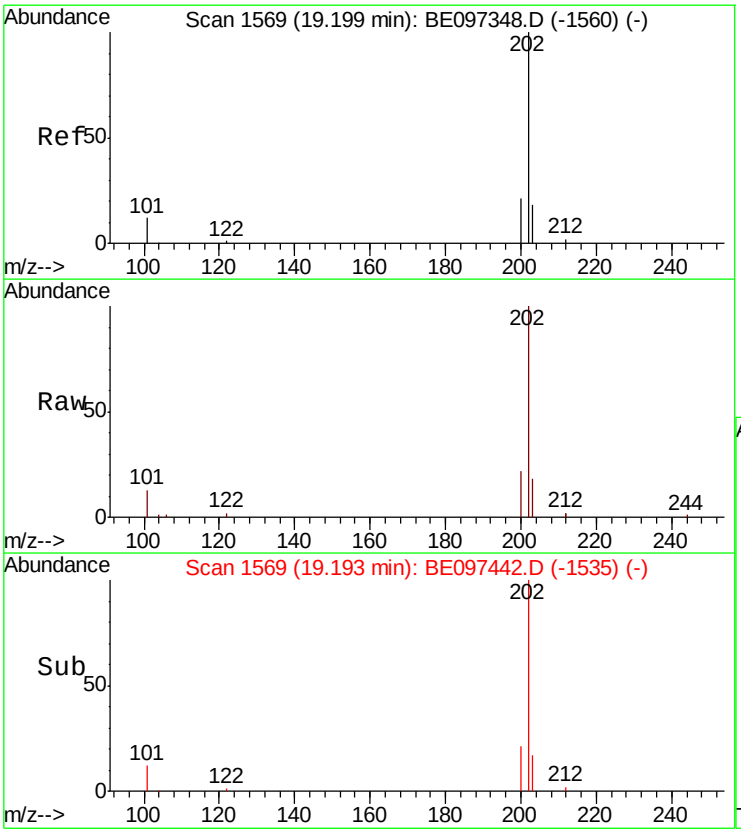
#27
Chrysene-d12
Concen: 0.400 ng
RT: 20.97 min Scan# 1786
Delta R.T. -0.00 min
Lab File: BE097442.D
Acq: 10 Sep 2018 10:08

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:240 Resp: 11371

Ion	Ratio	Lower	Upper
240	100		
120	6.7	5.5	8.3
236	26.8	20.7	31.1

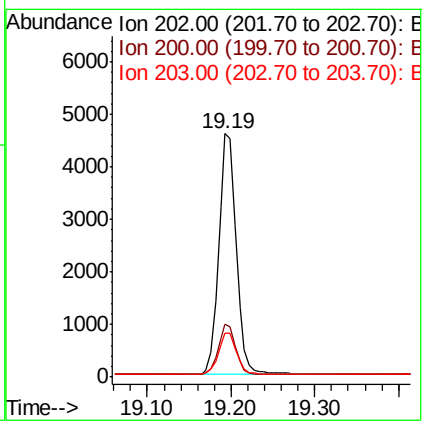


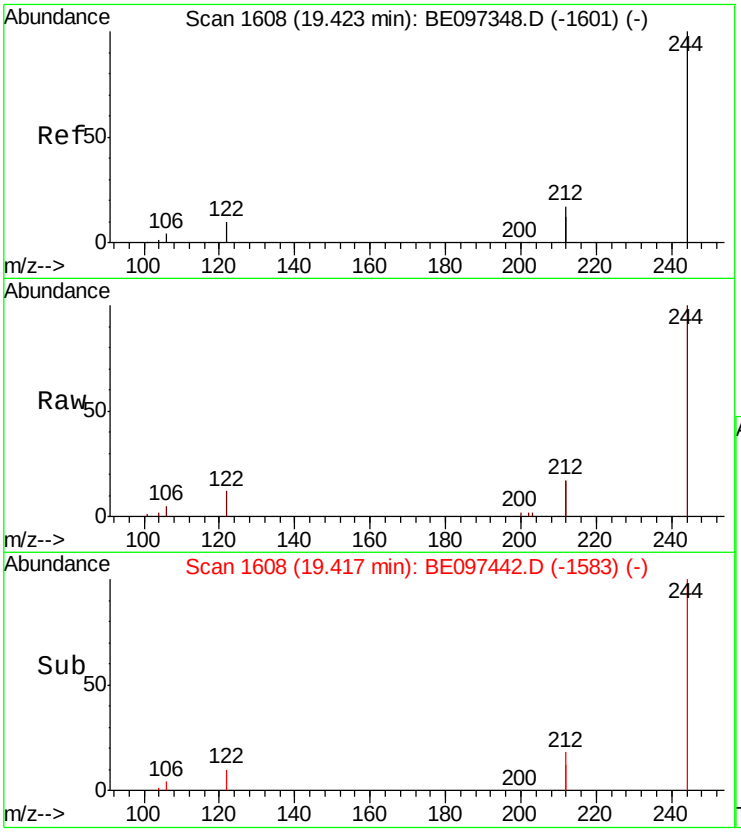


#28
Pyrene
Concen: 0.247 ng
RT: 19.19 min Scan# 1569
Delta R.T. -0.01 min
Lab File: BE097442.D
Acq: 10 Sep 2018 10:08

Tgt Ion:202 Resp: 6677

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



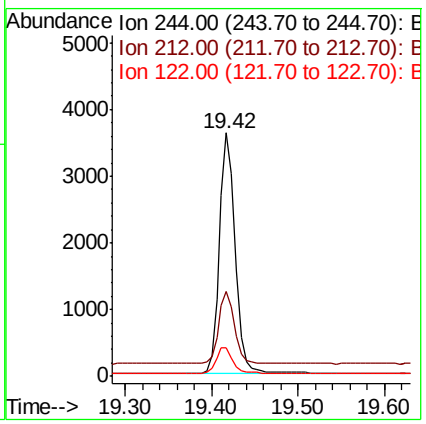


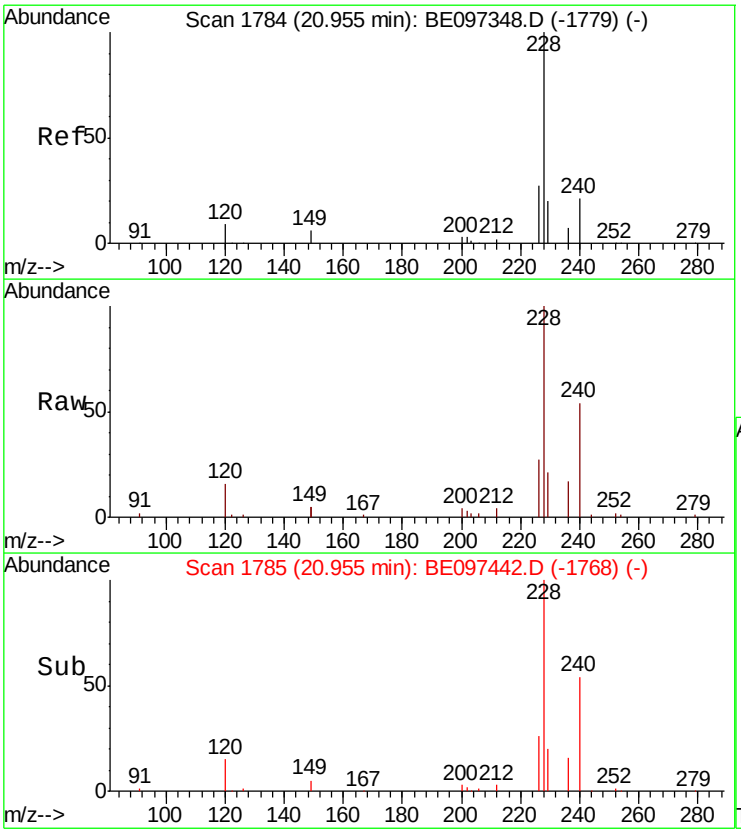
#29
Terphenyl-d14
Concen: 0.218 ng
RT: 19.42 min Scan# 1608
Delta R.T. -0.01 min
Lab File: BE097442.D
Acq: 10 Sep 2018 10:08

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:244 Resp: 4576

Ion	Ratio	Lower	Upper
244	100		
212	35.0	25.4	38.0
122	11.5	8.1	12.1

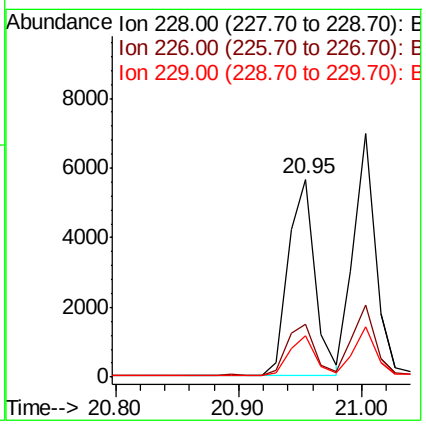


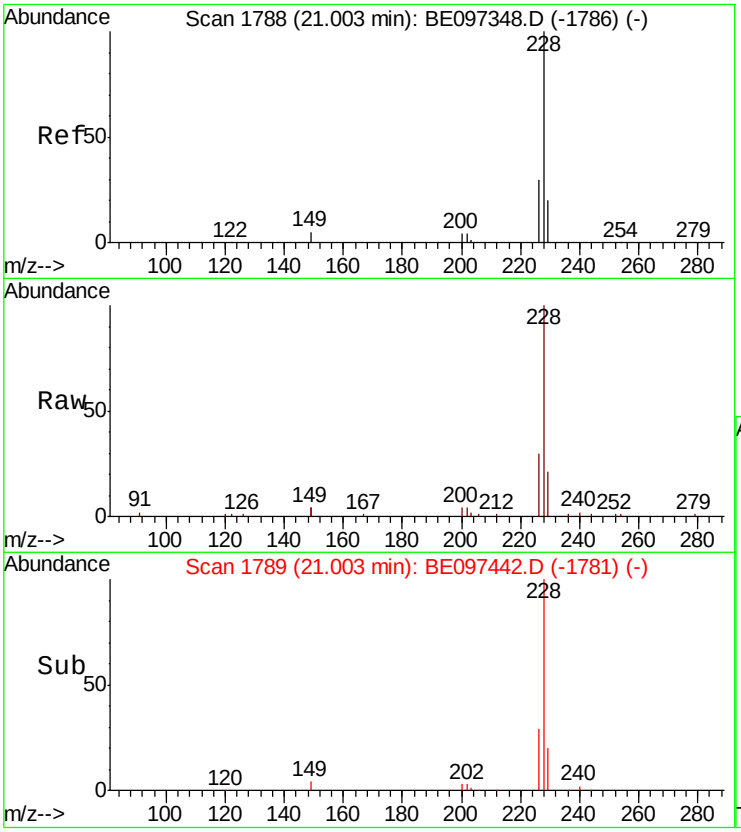


#30
Benzo(a)anthracene
Concen: 0.294 ng
RT: 20.95 min Scan# 1785
Delta R.T. -0.00 min
Lab File: BE097442.D
Acq: 10 Sep 2018 10:08

Tgt Ion:228 Resp: 8468

Ion	Ratio	Lower	Upper
228	100		
226	26.7	24.0	36.0
229	21.1	16.0	24.0



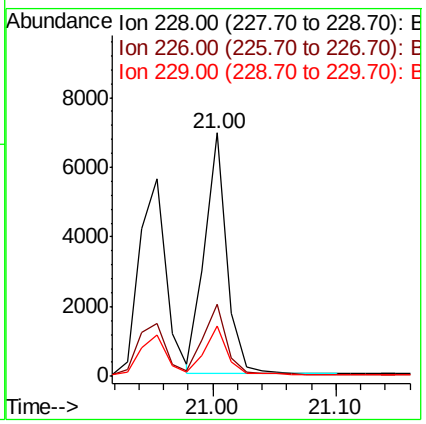


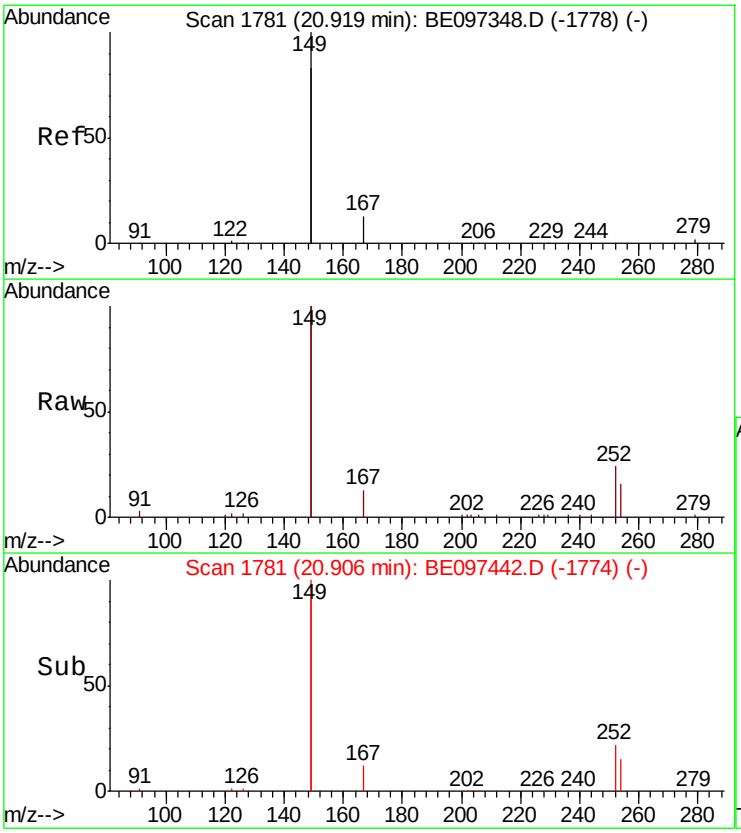
#31
Chrysene
Concen: 0.280 ng
RT: 21.00 min Scan# 1789
Delta R.T. -0.00 min
Lab File: BE097442.D
Acq: 10 Sep 2018 10:08

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:228 Resp: 8655

Ion	Ratio	Lower	Upper
228	100		
226	29.7	24.0	36.0
229	20.7	16.0	24.0

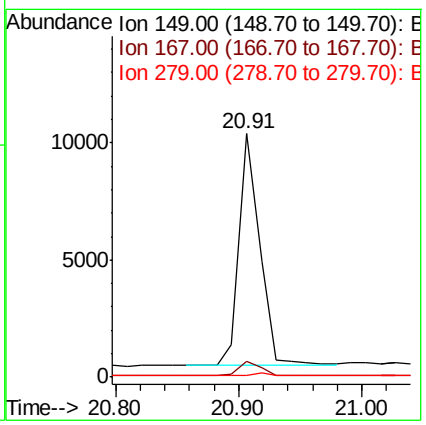


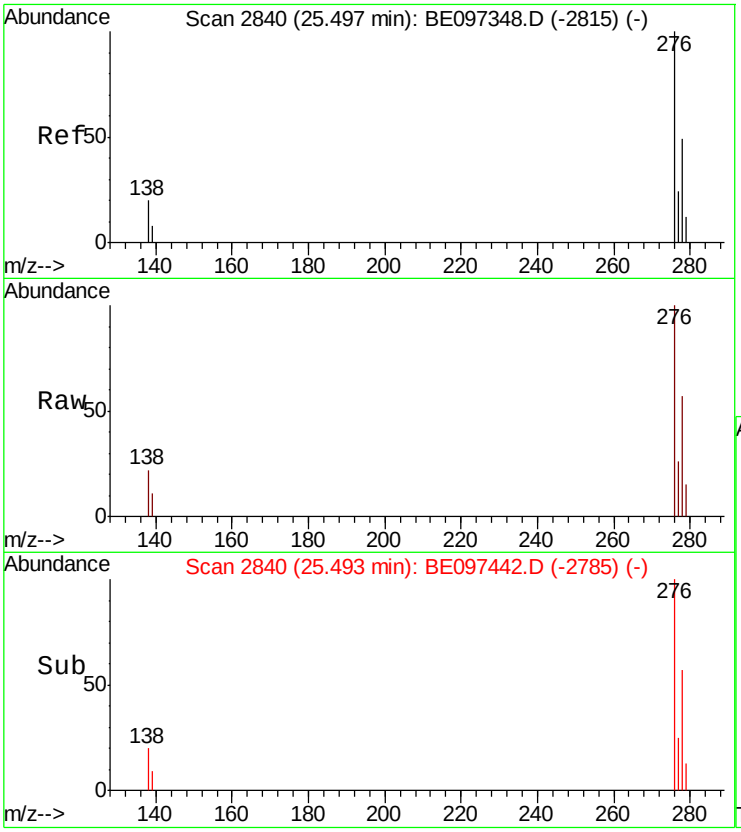


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.369 ng
RT: 20.91 min Scan# 1781
Delta R.T. -0.01 min
Lab File: BE097442.D
Acq: 10 Sep 2018 10:08

Tgt Ion:149 Resp: 11636

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



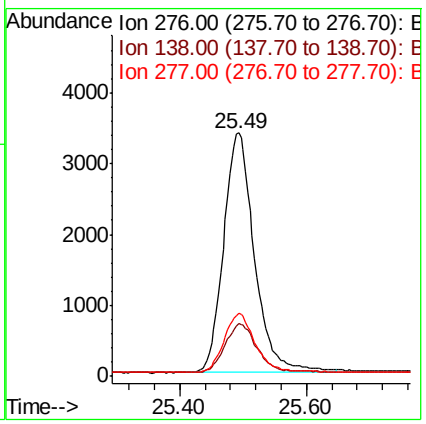


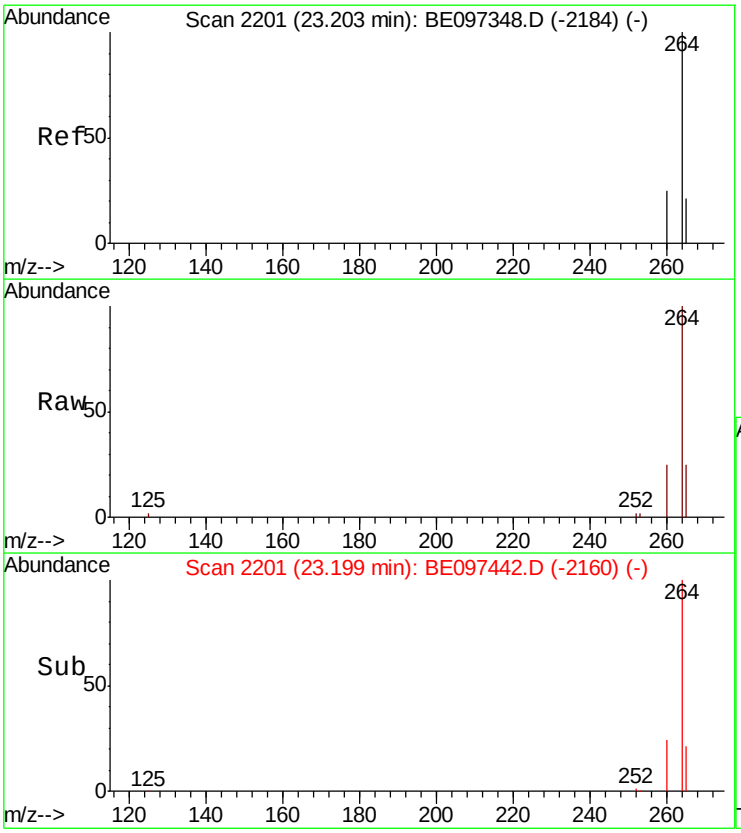
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.272 ng
RT: 25.49 min Scan# 2840
Delta R.T. -0.00 min
Lab File: BE097442.D
Acq: 10 Sep 2018 10:08

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 11470

Ion	Ratio	Lower	Upper
276	100		
138	20.7	22.5	33.7#
277	25.2	19.9	29.9

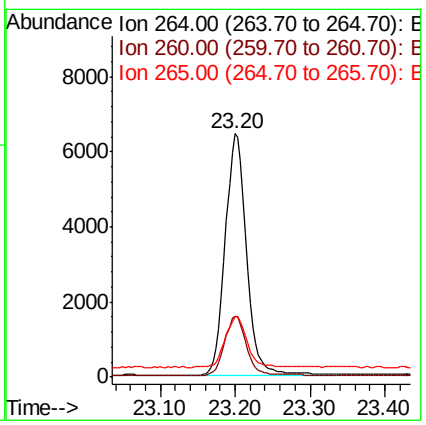


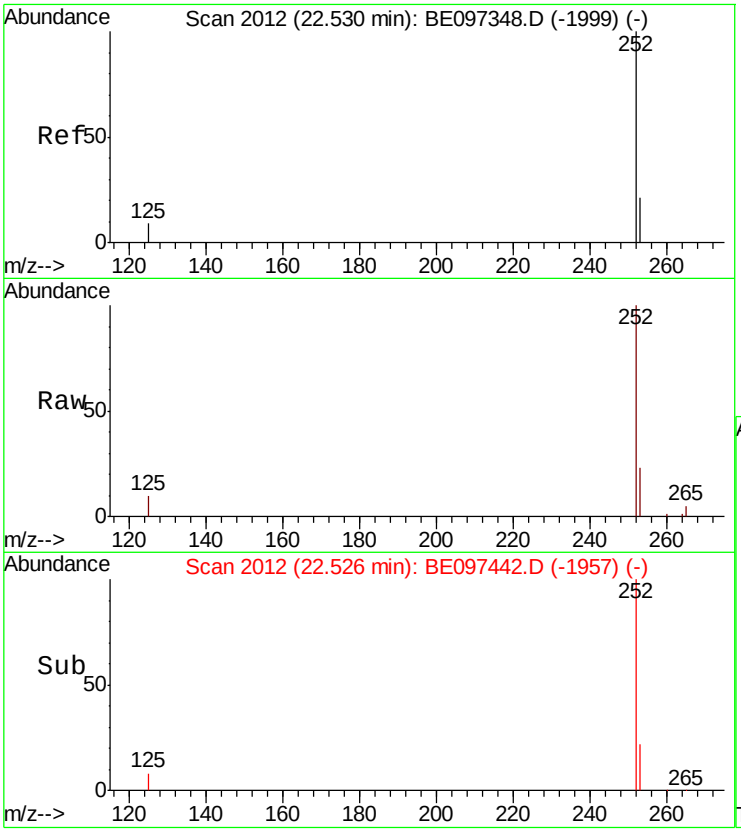


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.20 min Scan# 2201
Delta R.T. -0.00 min
Lab File: BE097442.D
Acq: 10 Sep 2018 10:08

Tgt Ion:264 Resp: 12744

Ion	Ratio	Lower	Upper
264	100		
260	25.0	20.5	30.7
265	25.0	22.8	34.2



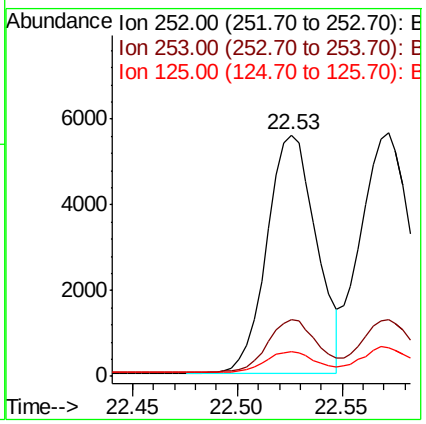


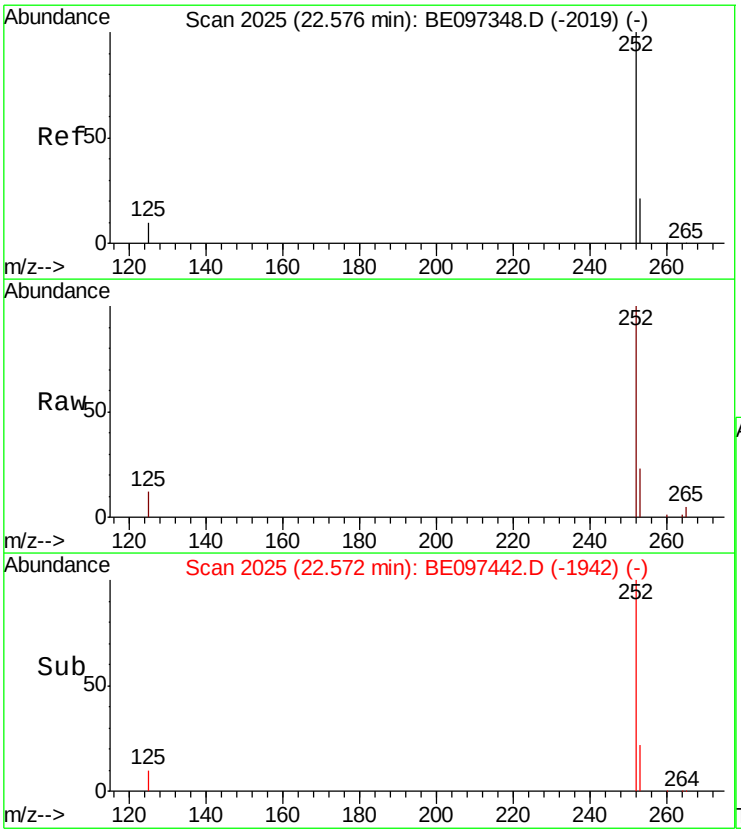
#35
Benzo(b)fluoranthene
Concen: 0.273 ng
RT: 22.53 min Scan# 2012
Delta R.T. -0.00 min
Lab File: BE097442.D
Acq: 10 Sep 2018 10:08

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 9138

Ion	Ratio	Lower	Upper
252	100		
253	23.4	20.0	30.0
125	10.1	16.0	24.0#

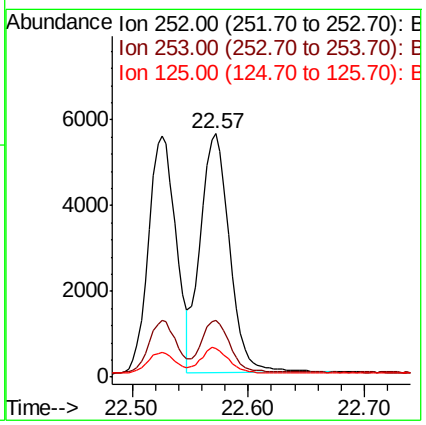


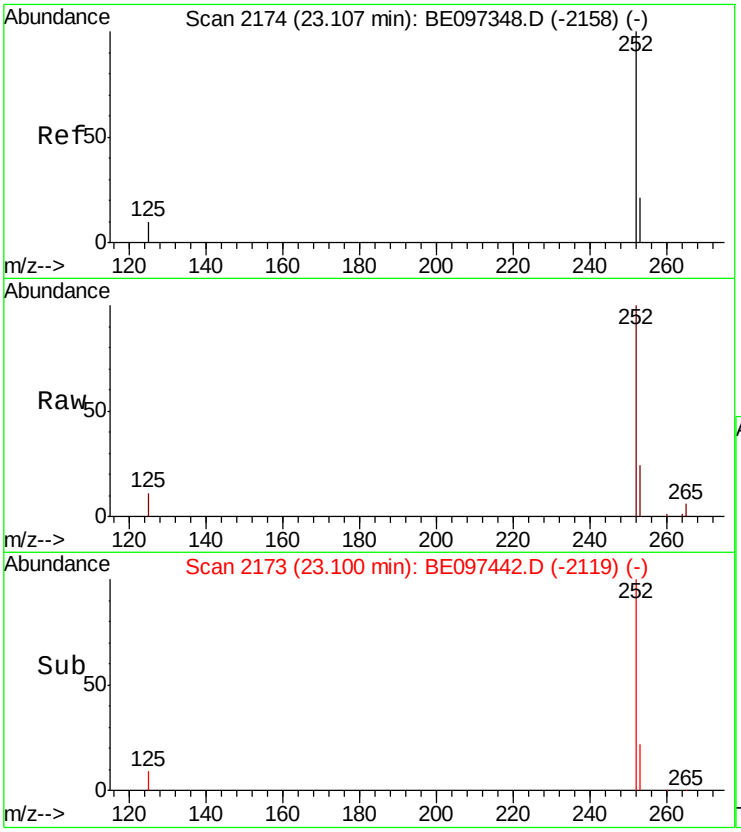


#36
Benzo(k)fluoranthene
Concen: 0.266 ng
RT: 22.57 min Scan# 2025
Delta R.T. -0.00 min
Lab File: BE097442.D
Acq: 10 Sep 2018 10:08

Tgt Ion:252 Resp: 9783

Ion	Ratio	Lower	Upper
252	100		
253	23.4	16.0	24.0
125	11.7	8.0	12.0



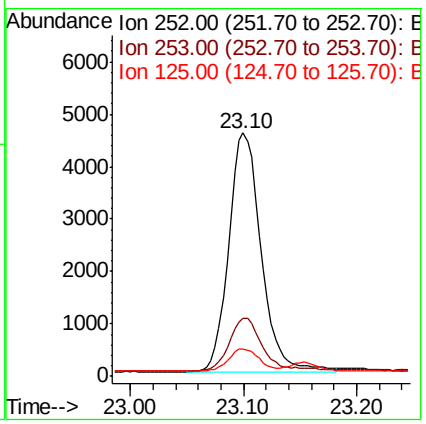


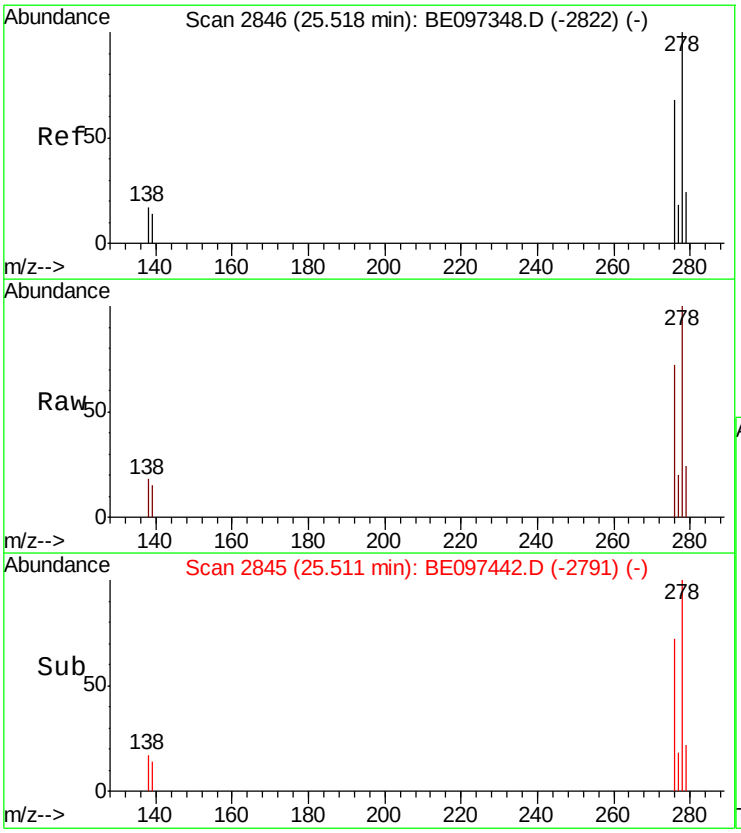
#37
Benzo(a)pyrene
Concen: 0.275 ng
RT: 23.10 min Scan# 2173
Delta R.T. -0.01 min
Lab File: BE097442.D
Acq: 10 Sep 2018 10:08

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 9052

Ion	Ratio	Lower	Upper
252	100		
253	23.6	16.0	24.0
125	11.3	12.0	18.0#

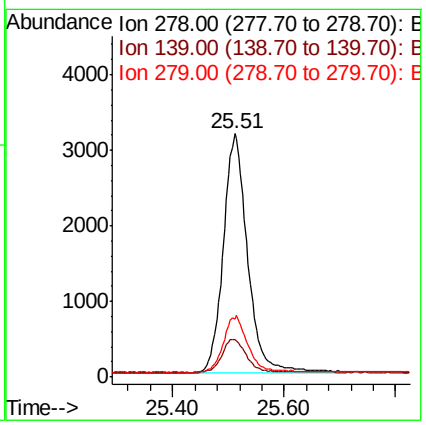


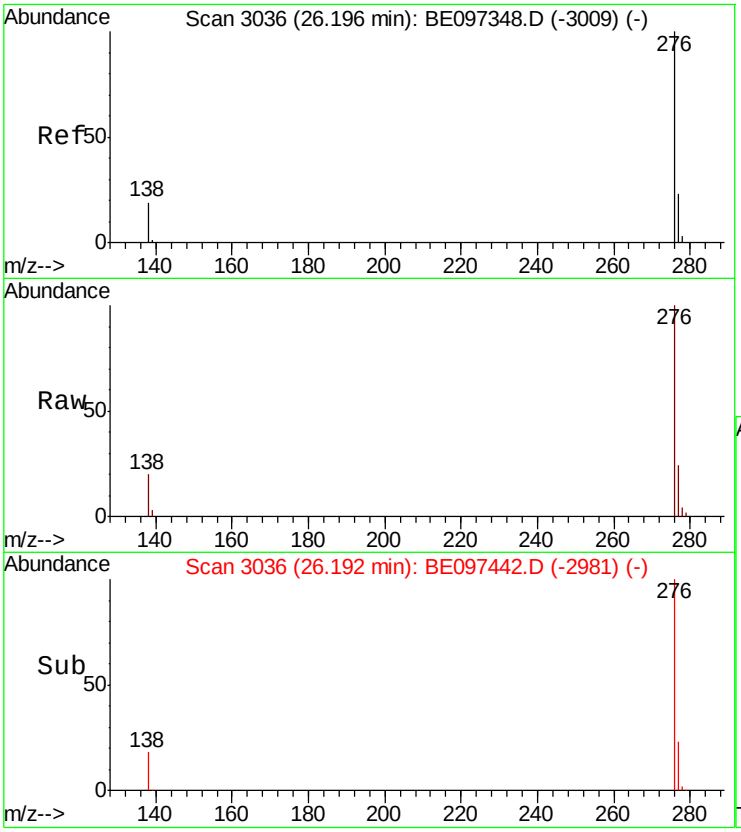


#38
Dibenzo(a,h)anthracene
Concen: 0.235 ng
RT: 25.51 min Scan# 2845
Delta R.T. -0.01 min
Lab File: BE097442.D
Acq: 10 Sep 2018 10:08

Tgt Ion:278 Resp: 9633

Ion	Ratio	Lower	Upper
278	100		
139	15.3	16.0	24.0#
279	24.1	20.0	30.0





#39
Benzo(g,h,i)perylene
Concen: 0.223 ng
RT: 26.19 min Scan# 3036
Delta R.T. -0.00 min
Lab File: BE097442.D
Acq: 10 Sep 2018 10:08

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 9714

Ion	Ratio	Lower	Upper
276	100		
277	24.5	16.0	24.0#
138	20.0	20.0	30.0