Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE091718\
Data File : BE097506.D
Acq On : 17 Sep 2018 21:28
Operator : SJ/JU
Sample : J4892-12
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : PR-MW-05-091218

Quant Time: Sep 18 05:52:01 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE091718.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Sep 17 18:57:11 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.38	152	1139	0.40	ng		0.00
7) Naphthalene-d8	10.12	136	5850	0.40	ng		-0.01
13) Acenaphthene-d10	14.00	164	7240	0.40	ng		0.00
19) Phenanthrene-d10	16.75	188	8490	0.40	ng		-0.01
27) Chrysene-d12	20.97	240	9680	0.40	ng		0.00
34) Perylene-d12	23.20	264	9782	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.05	112	1876	0.49	ng		0.00
5) Phenol-d6	6.58	99	668	0.14	ng		-0.02
8) Nitrobenzene-d5	8.49	82	10694	2.27	ng		-0.03
11) 2-Methylnaphthalene-d10	11.71	152	3833	0.46	ng		-0.01
14) 2,4,6-Tribromophenol	15.51	330	914	0.24	ng		-0.02
15) 2-Fluorobiphenyl	12.61	172	6691	0.26	ng		-0.01
25) Fluoranthene-d10	18.80	212	46444	0.46	ng		0.00
29) Terphenyl-d14	19.41	244	8848	0.48	ng		0.00
Target Compounds							Qvalue
3) n-Nitrosodimethylamine	3.36	42	875	0.531	ng	#	1
6) bis(2-Chloroethyl)ether	6.78	93	1180	0.302	ng	#	1
9) Naphthalene	10.17	128	8547385	160.943	ng		99
10) Hexachlorobutadiene	10.46	225	5	0.002	ng	#	55
12) 2-Methylnaphthalene	11.78	142	524547	61.751	ng		98
16) Acenaphthylene	13.71	152	2042	0.065	ng	#	1
17) Acenaphthene	14.06	154	2388	0.123	ng	#	78
18) Fluorene	15.05	166	7478	0.302	ng	#	78
20) 4-Bromophenyl-phenylether	15.95	248	30	0.007	ng	#	1
21) Hexachlorobenzene	16.07	284	24	0.006	ng	#	1
22) Pentachlorophenol	16.43	266	90	0.205	ng		86
23) Phenanthrene	16.79	178	2996	0.150	ng	#	87
24) Anthracene	16.88	178	480	0.026	ng	#	17
26) Fluoranthene	18.83	202	705	0.027	ng		99
28) Pyrene	19.19	202	640	0.026	ng	#	90
30) Benzo(a)anthracene	20.96	228	430	0.017	ng	#	67
31) Chrysene	21.00	228	424	0.016	ng	#	64
32) Bis(2-ethylhexyl)phthalate	20.91	149	11952	0.221	ng	#	99
33) Indeno(1,2,3-cd)pyrene	25.51	276	524	0.017	ng	#	85
35) Benzo(b)fluoranthene	22.53	252	545	0.022	ng	#	17
36) Benzo(k)fluoranthene	22.58	252	460	0.017	ng	#	1
37) Benzo(a)pyrene	23.11	252	463	0.019	ng	#	1
38) Dibenzo(a,h)anthracene	25.53	278	325	0.013	ng	#	1
39) Benzo(g,h,i)perylene	26.22	276	486	0.018	ng	#	45

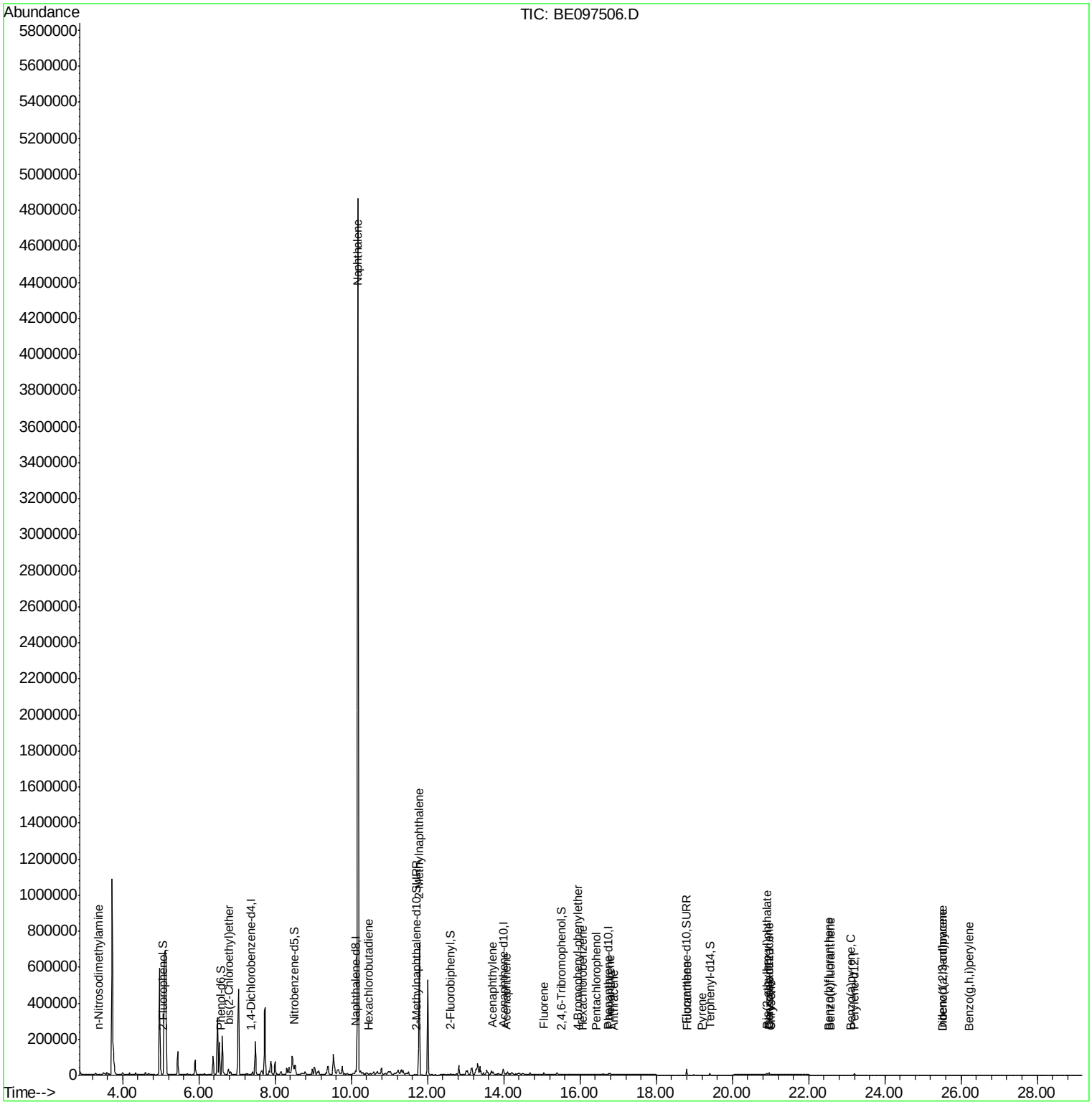
(#) = qualifier out of range (m) = manual integration (+) = signals summed

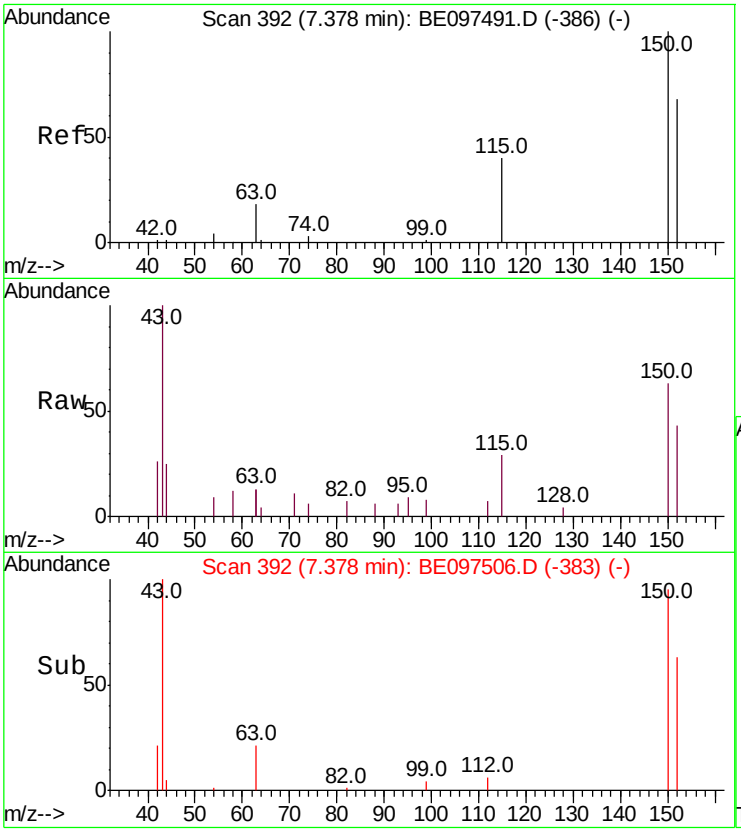
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE091718\
Data File : BE097506.D
Acq On : 17 Sep 2018 21:28
Operator : SJ/JU
Sample : J4892-12
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
PR-MW-05-091218

Quant Time: Sep 18 05:52:01 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE091718.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Sep 17 18:57:11 2018
Response via : Initial Calibration



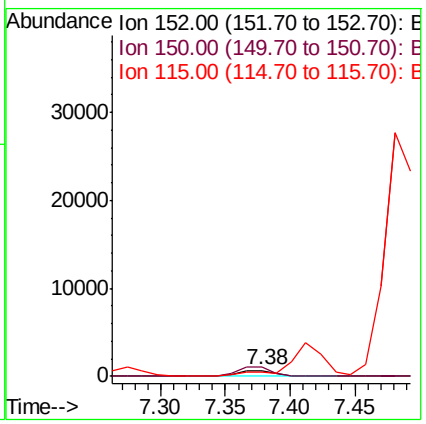


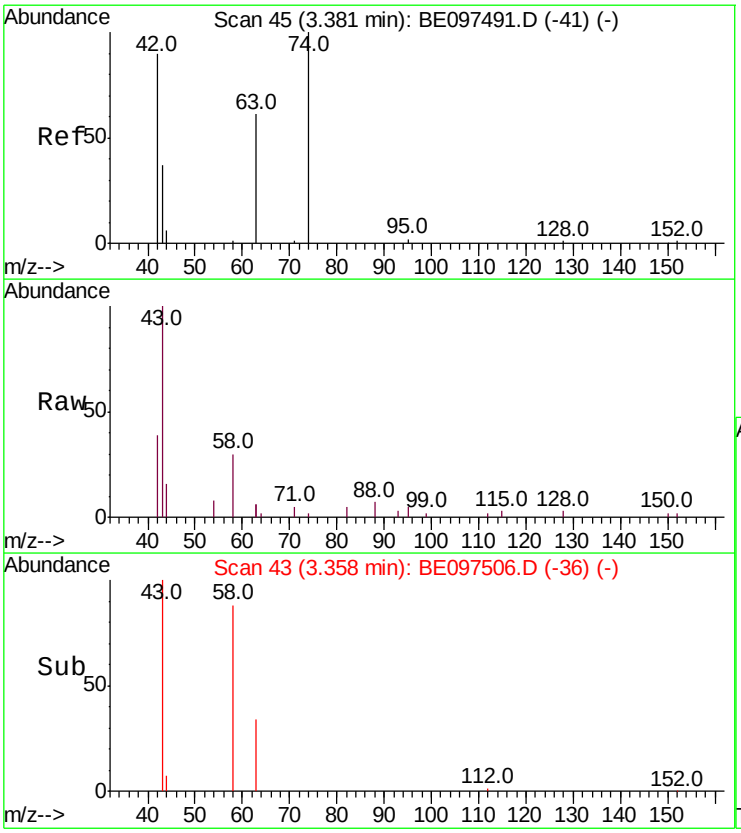
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.38 min Scan# 392
Delta R.T. 0.00 min
Lab File: BE097506.D
Acq: 17 Sep 2018 21:28

Instrument :
BNA_E
ClientSampleId :
PR-MW-05-091218

Tgt Ion:152 Resp: 1139

Ion	Ratio	Lower	Upper
152	100		
150	145.8	117.2	175.8
115	68.0	57.0	85.6

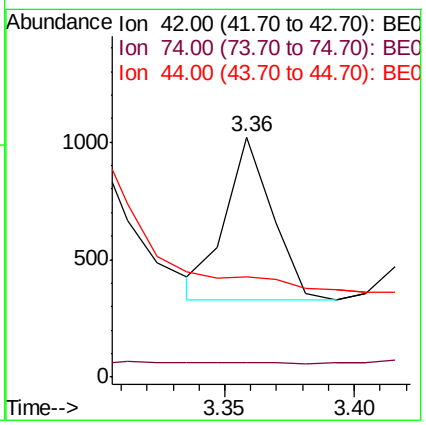


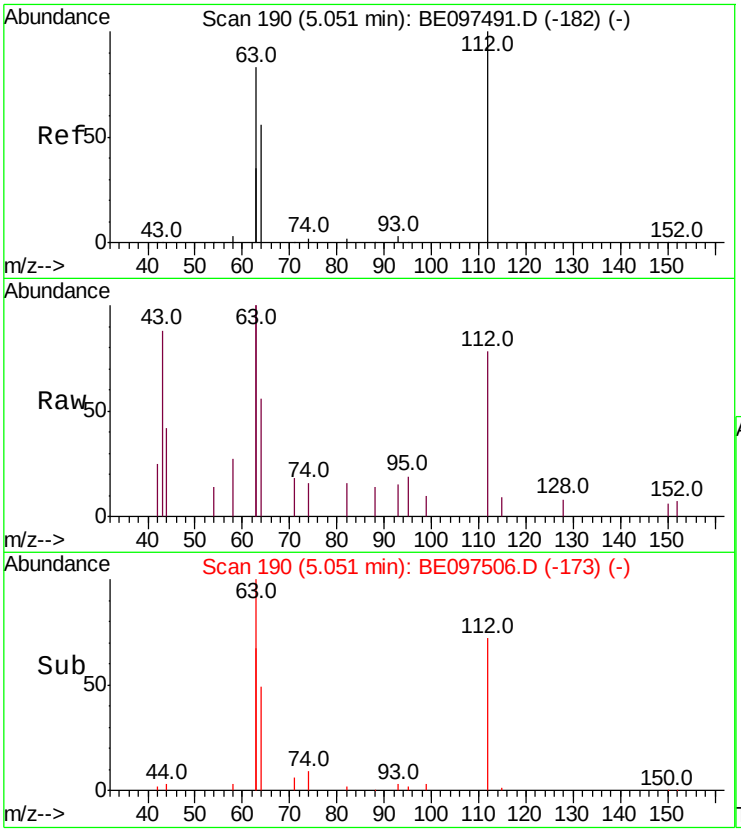


#3
n-Nitrosodimethylamine
Concen: 0.531 ng
RT: 3.36 min Scan# 43
Delta R.T. -0.02 min
Lab File: BE097506.D
Acq: 17 Sep 2018 21:28

Tgt Ion: 42 Resp: 875

Ion	Ratio	Lower	Upper
42	100		
74	0.3	96.0	144.0#
44	0.0	12.0	18.0#



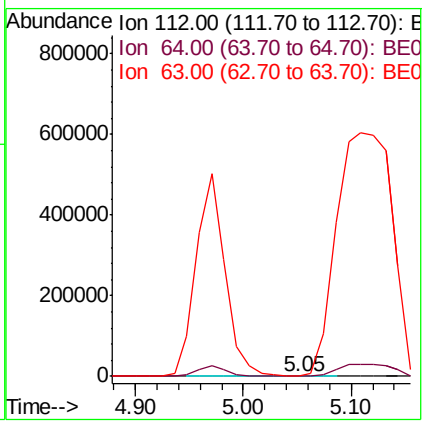


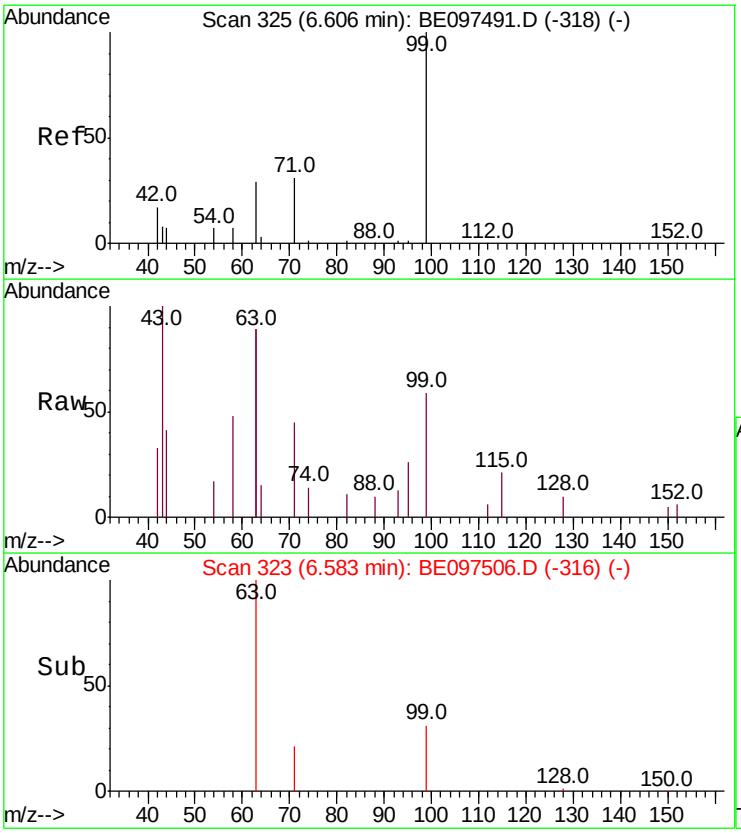
#4
2-Fluorophenol
Concen: 0.486 ng
RT: 5.05 min Scan# 190
Delta R.T. 0.00 min
Lab File: BE097506.D
Acq: 17 Sep 2018 21:28

Instrument :
BNA_E
ClientSampleId :
PR-MW-05-091218

Tgt Ion:112 Resp: 1876

Ion	Ratio	Lower	Upper
112	100		
64	0.0	60.1	90.1#
63	0.0	116.8	175.2#

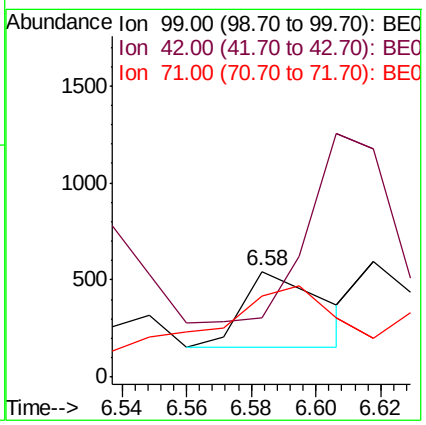


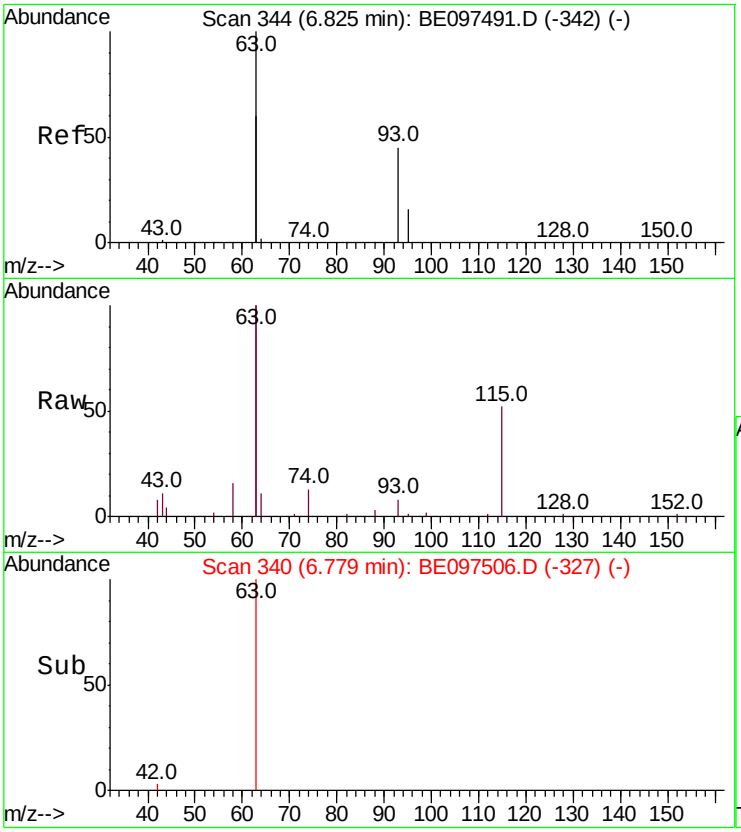


#5
Phenol-d6
Concen: 0.136 ng
RT: 6.58 min Scan# 323
Delta R.T. -0.02 min
Lab File: BE097506.D
Acq: 17 Sep 2018 21:28

Tgt Ion: 99 Resp: 668

Ion	Ratio	Lower	Upper
99	100		
42	0.0	20.2	30.2#
71	0.0	28.4	42.6#



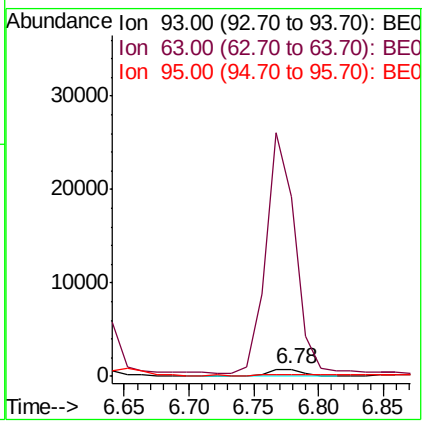


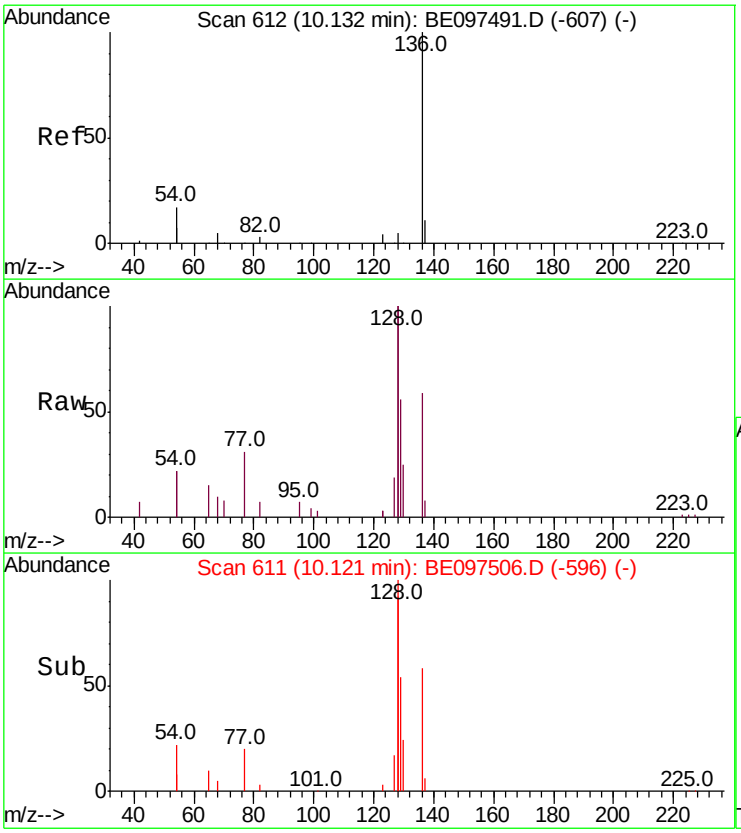
#6
bis(2-Chloroethyl)ether
Concen: 0.302 ng
RT: 6.78 min Scan# 340
Delta R.T. -0.05 min
Lab File: BE097506.D
Acq: 17 Sep 2018 21:28

Instrument :
BNA_E
ClientSampleId :
PR-MW-05-091218

Tgt Ion: 93 Resp: 1180

Ion	Ratio	Lower	Upper
93	100		
63	3463.7	275.3	412.9#
95	9.7	25.2	37.8#

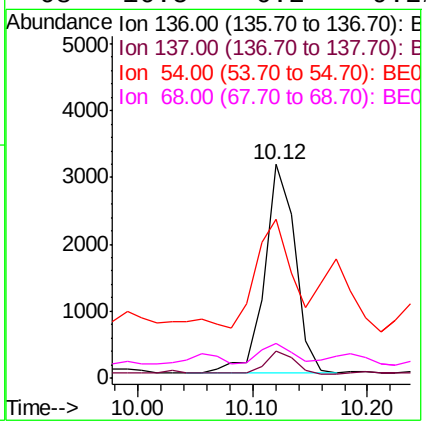


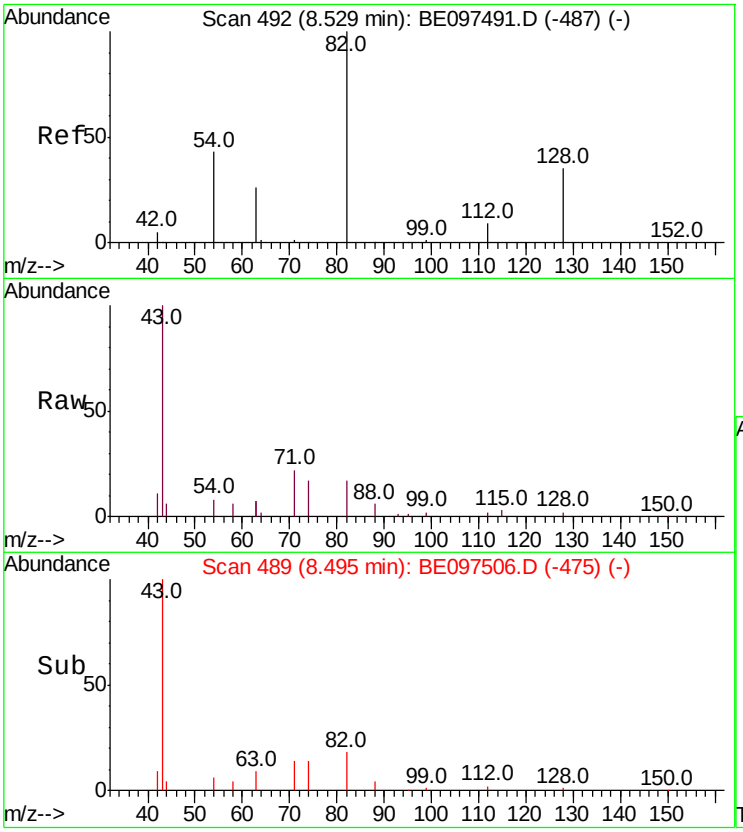


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.12 min Scan# 611
Delta R.T. -0.01 min
Lab File: BE097506.D
Acq: 17 Sep 2018 21:28

Tgt Ion:136 Resp: 5850

Ion	Ratio	Lower	Upper
136	100		
137	12.8	9.5	14.3
54	74.3	29.1	43.7#
68	16.5	6.2	9.2#



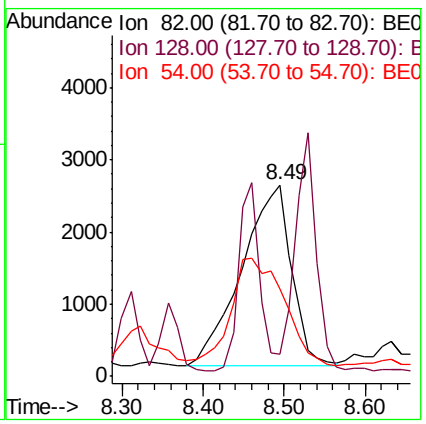


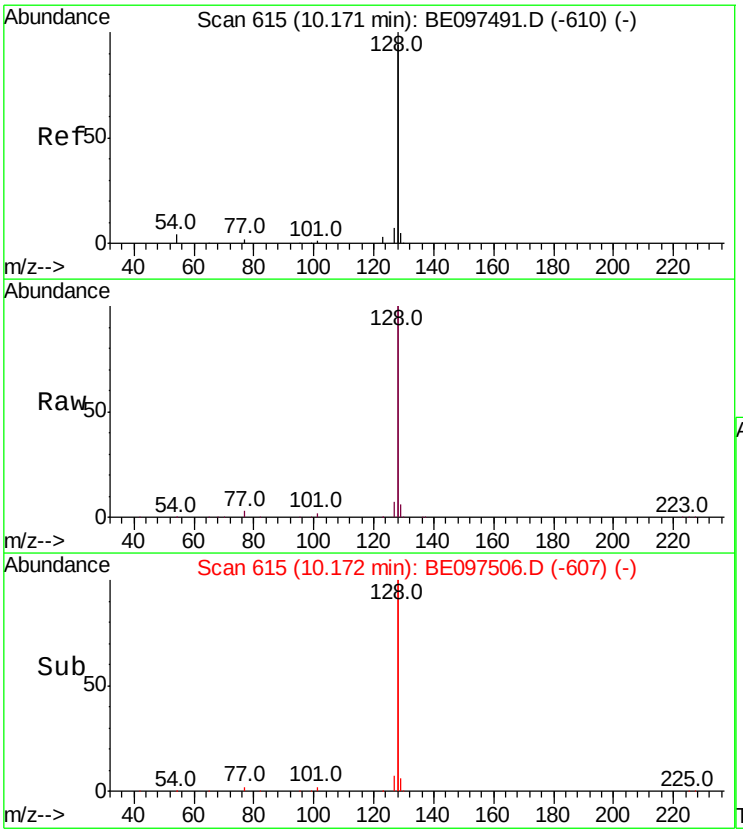
#8
Nitrobenzene-d5
Concen: 2.272 ng
RT: 8.49 min Scan# 489
Delta R.T. -0.03 min
Lab File: BE097506.D
Acq: 17 Sep 2018 21:28

Instrument :
BNA_E
ClientSampleId :
PR-MW-05-091218

Tgt Ion: 82 Resp: 10694

Ion	Ratio	Lower	Upper
82	100		
128	11.6	24.0	36.0#
54	45.5	40.0	60.0

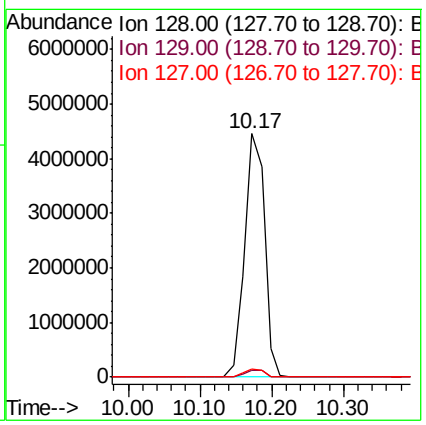


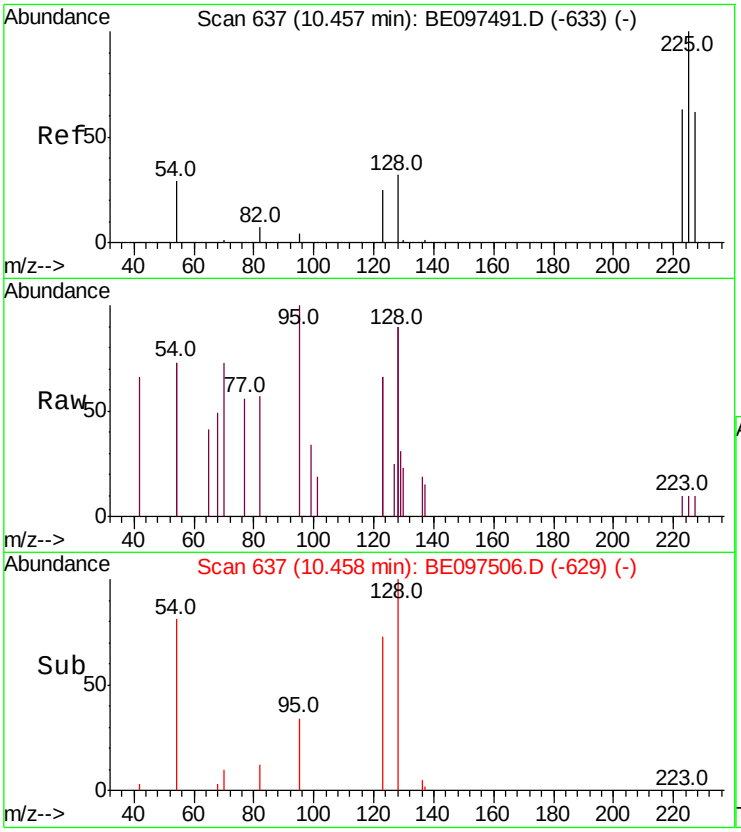


#9
Naphthalene
Concen: 160.943 ng
RT: 10.17 min Scan# 615
Delta R.T. 0.00 min
Lab File: BE097506.D
Acq: 17 Sep 2018 21:28

Tgt Ion:128 Resp: 8547385

Ion	Ratio	Lower	Upper
128	100		
129	2.9	2.6	3.8
127	3.5	2.8	4.2



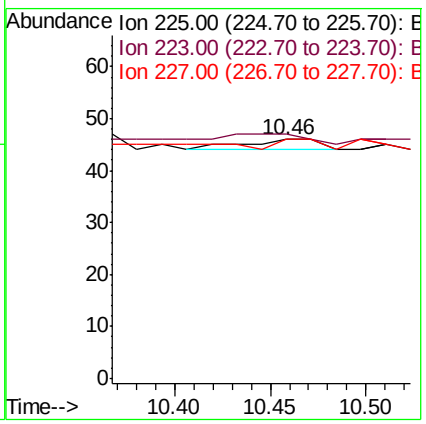


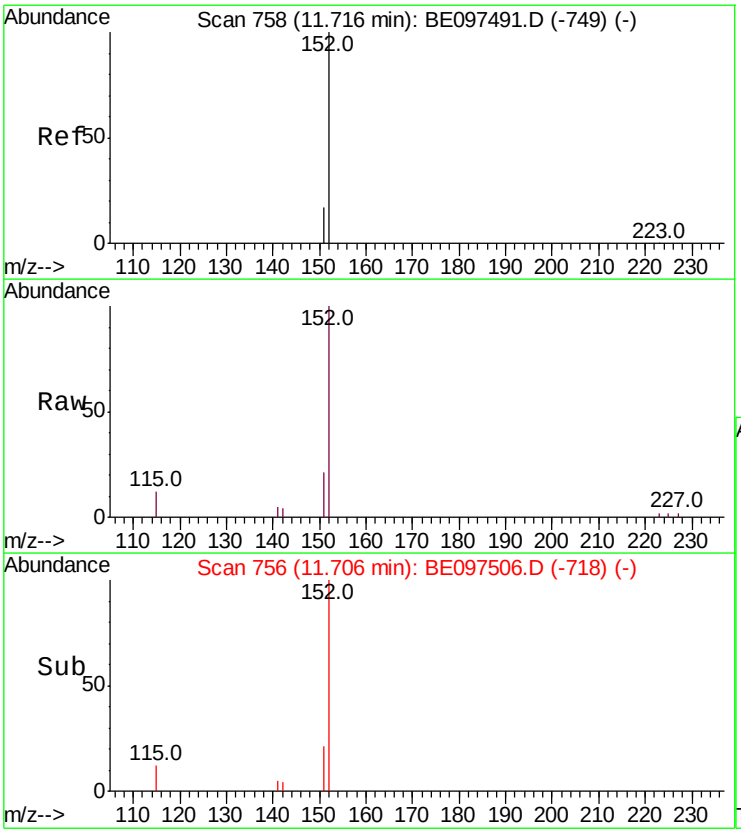
#10
Hexachlorobutadiene
Concen: 0.002 ng
RT: 10.46 min Scan# 637
Delta R.T. 0.00 min
Lab File: BE097506.D
Acq: 17 Sep 2018 21:28

Instrument :
BNA_E
ClientSampleId :
PR-MW-05-091218

Tgt Ion:225 Resp: 5

Ion	Ratio	Lower	Upper
225	100		
223	0.0	53.0	79.6#
227	60.0	51.4	77.2

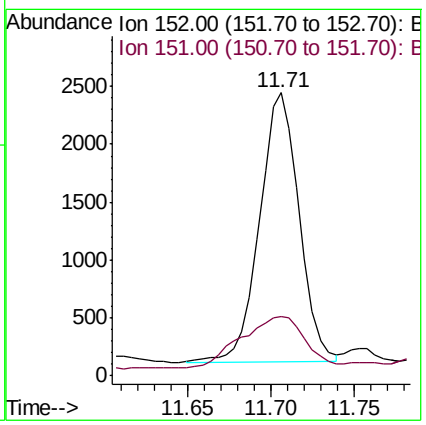


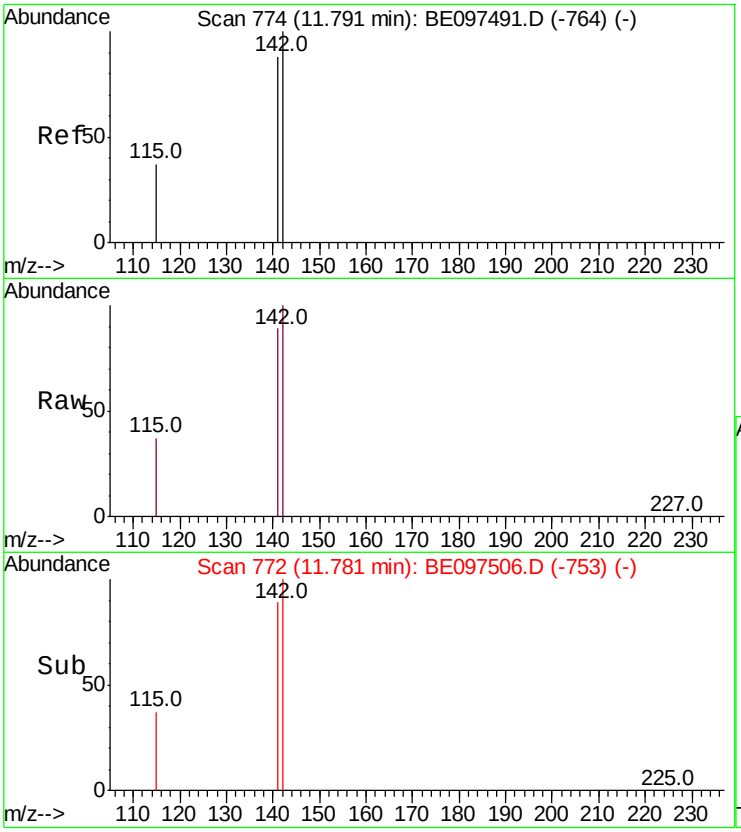


#11
2-Methylnaphthalene-d10
Concen: 0.459 ng
RT: 11.71 min Scan# 756
Delta R.T. -0.01 min
Lab File: BE097506.D
Acq: 17 Sep 2018 21:28

Tgt Ion:152 Resp: 3833

Ion	Ratio	Lower	Upper
152	100		
151	31.1	15.4	23.0#



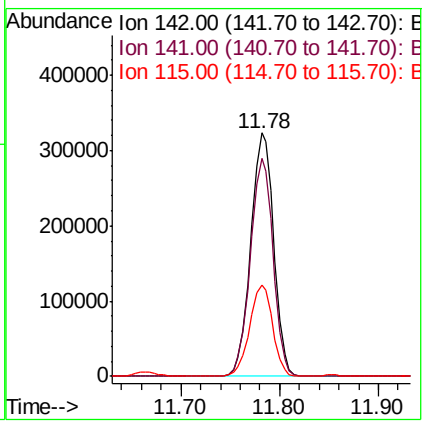


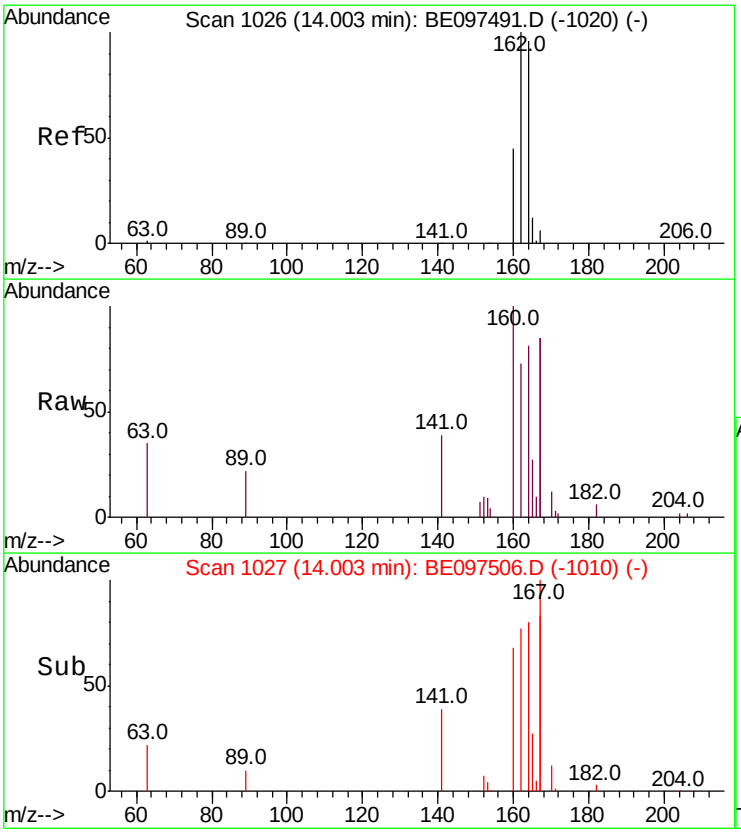
#12
2-Methylnaphthalene
Concen: 61.751 ng
RT: 11.78 min Scan# 772
Delta R.T. -0.01 min
Lab File: BE097506.D
Acq: 17 Sep 2018 21:28

Instrument :
BNA_E
ClientSampleId :
PR-MW-05-091218

Tgt Ion:142 Resp: 524547

Ion	Ratio	Lower	Upper
142	100		
141	89.3	70.4	105.6
115	37.4	31.7	47.5

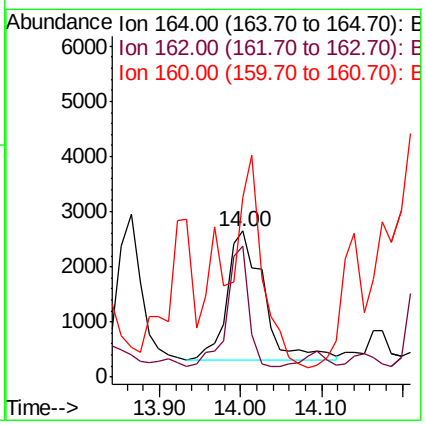


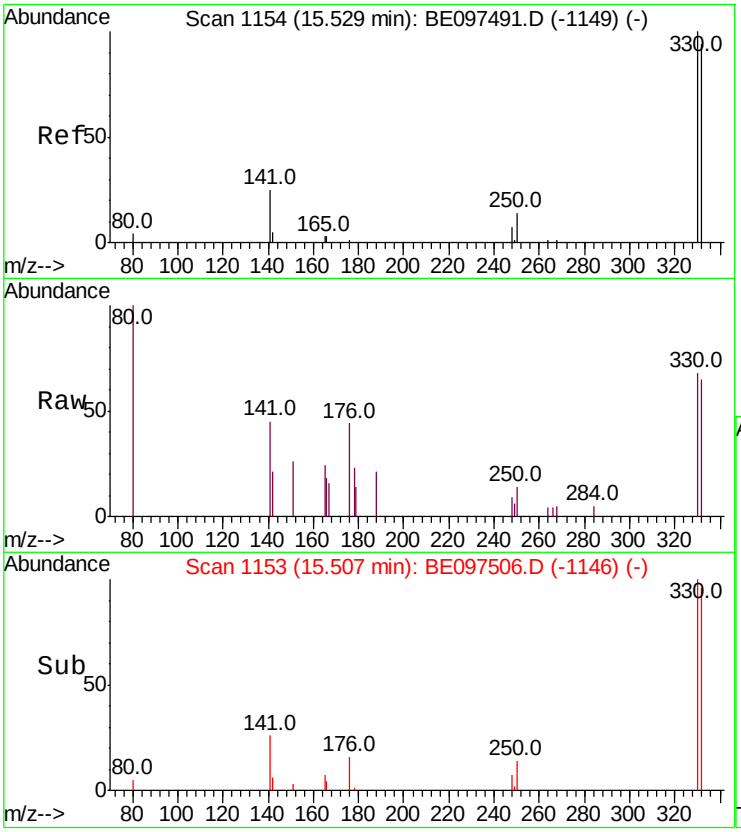


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.00 min Scan# 1027
Delta R.T. -0.00 min
Lab File: BE097506.D
Acq: 17 Sep 2018 21:28

Tgt Ion:164 Resp: 7240

Ion	Ratio	Lower	Upper
164	100		
162	90.1	83.1	124.7
160	122.8	37.1	55.7#



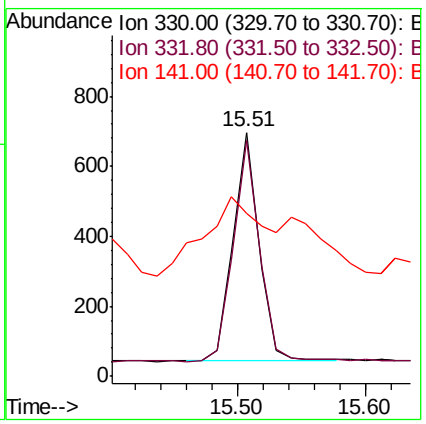


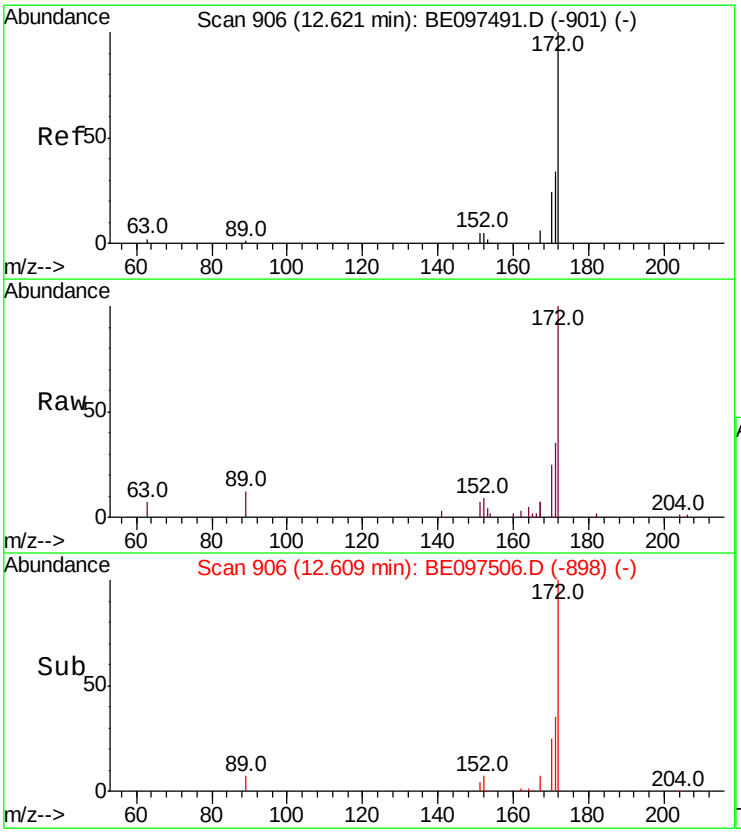
#14
2,4,6-Tribromophenol
Concen: 0.239 ng
RT: 15.51 min Scan# 1153
Delta R.T. -0.02 min
Lab File: BE097506.D
Acq: 17 Sep 2018 21:28

Instrument :
BNA_E
ClientSampleId :
PR-MW-05-091218

Tgt Ion:330 Resp: 914

Ion	Ratio	Lower	Upper
330	100		
332	98.0	152.7	229.1#
141	57.3	33.7	50.5#

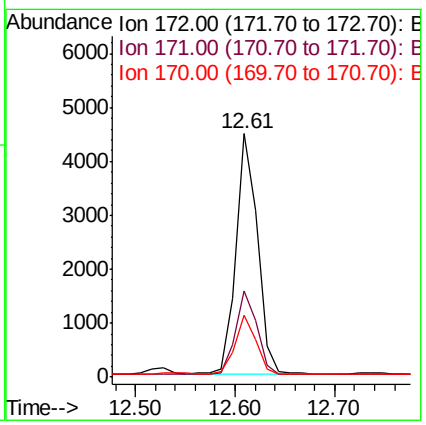


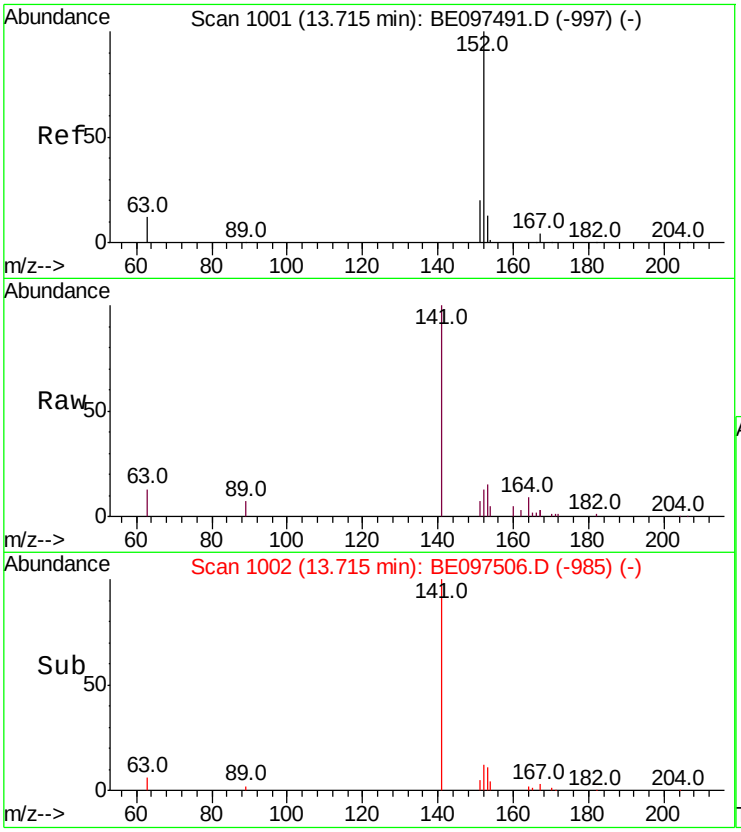


#15
2-Fluorobiphenyl
Concen: 0.265 ng
RT: 12.61 min Scan# 906
Delta R.T. -0.01 min
Lab File: BE097506.D
Acq: 17 Sep 2018 21:28

Tgt Ion:172 Resp: 6691

Ion	Ratio	Lower	Upper
172	100		
171	35.2	29.9	44.9
170	25.2	21.8	32.8



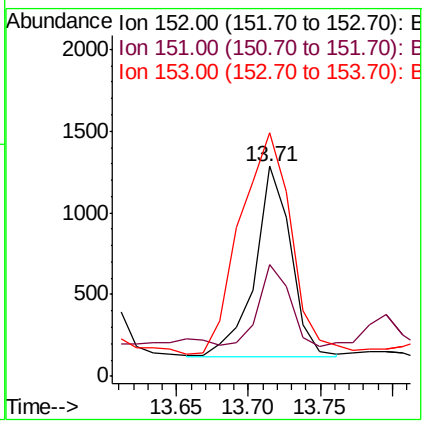


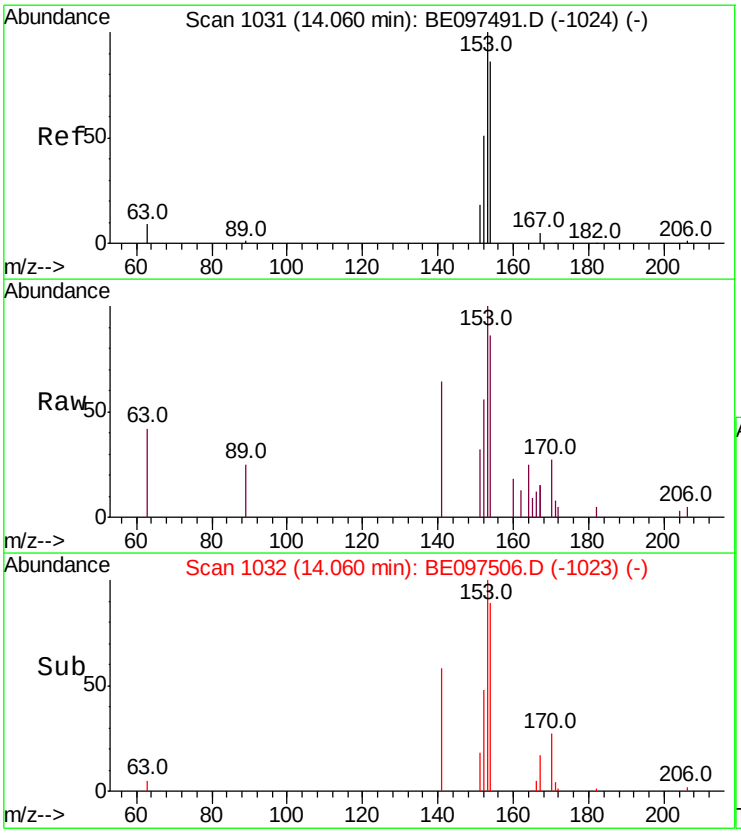
#16
Acenaphthylene
Concen: 0.065 ng
RT: 13.71 min Scan# 1002
Delta R.T. -0.00 min
Lab File: BE097506.D
Acq: 17 Sep 2018 21:28

Instrument :
BNA_E
ClientSampleId :
PR-MW-05-091218

Tgt Ion:152 Resp: 2042

Ion	Ratio	Lower	Upper
152	100		
151	36.4	15.7	23.5#
153	163.3	10.5	15.7#

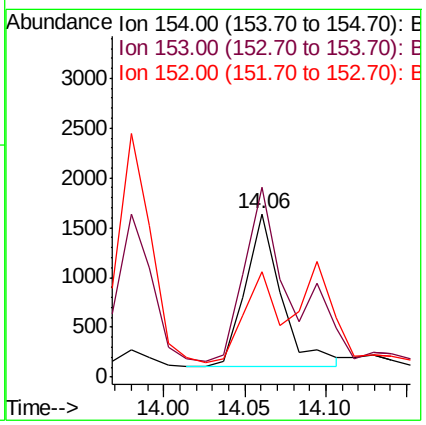


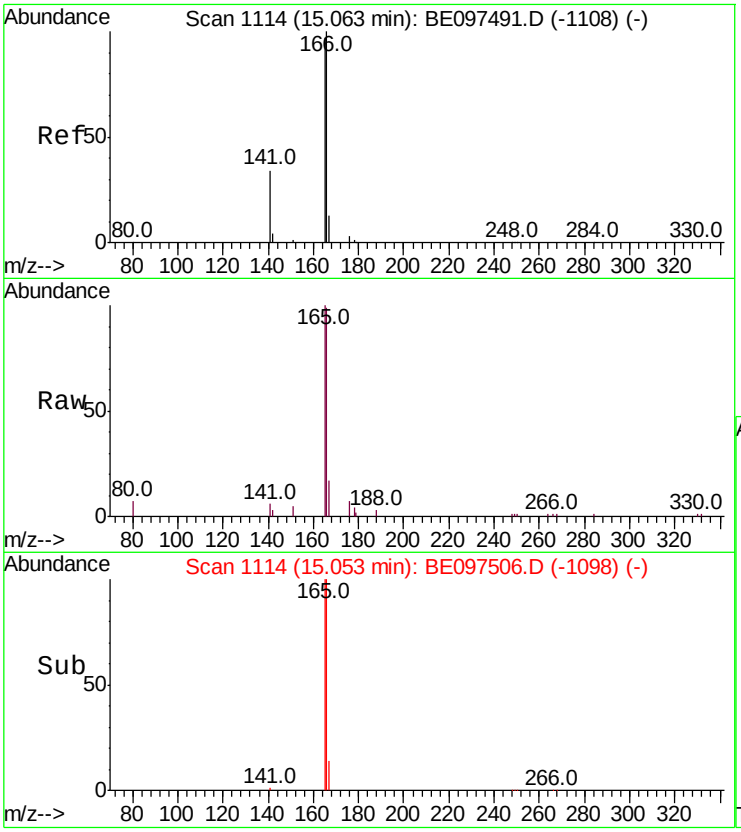


#17
Acenaphthene
Concen: 0.123 ng
RT: 14.06 min Scan# 1032
Delta R.T. -0.00 min
Lab File: BE097506.D
Acq: 17 Sep 2018 21:28

Tgt Ion:154 Resp: 2388

Ion	Ratio	Lower	Upper
154	100		
153	145.4	89.2	133.8#
152	51.9	42.0	63.0



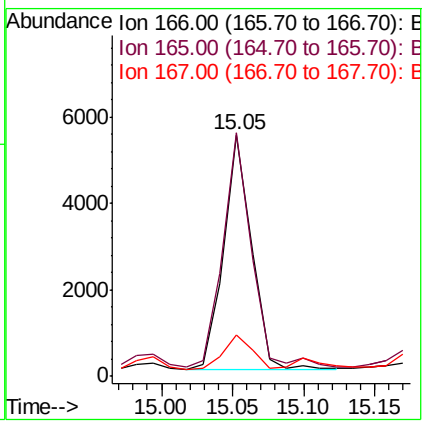


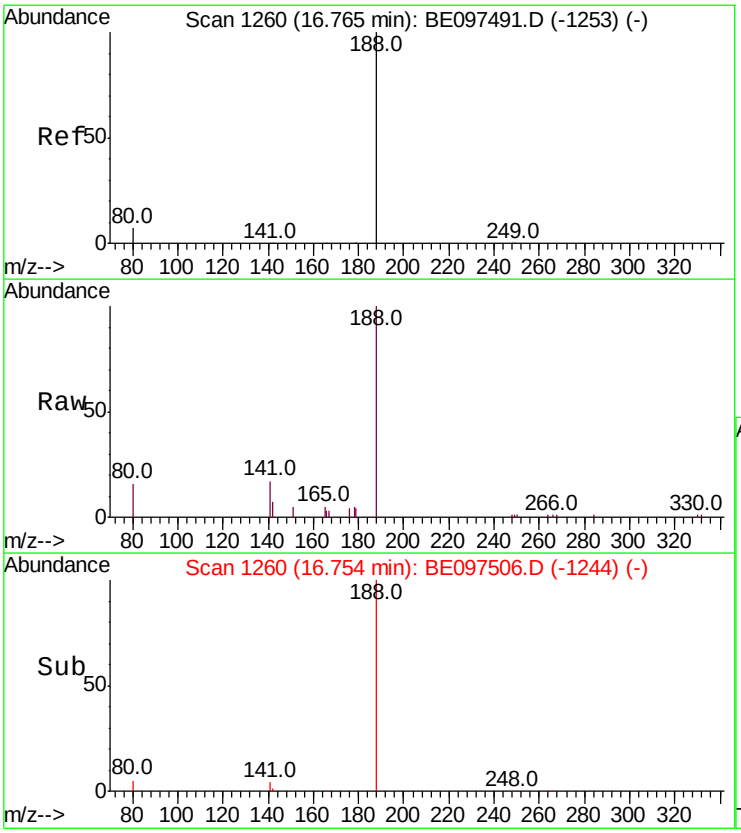
#18
Fluorene
Concen: 0.302 ng
RT: 15.05 min Scan# 1114
Delta R.T. -0.01 min
Lab File: BE097506.D
Acq: 17 Sep 2018 21:28

Instrument :
BNA_E
ClientSampleId :
PR-MW-05-091218

Tgt Ion:166 Resp: 7478

Ion	Ratio	Lower	Upper
166	100		
165	101.6	77.8	116.6
167	15.1	42.4	63.6#

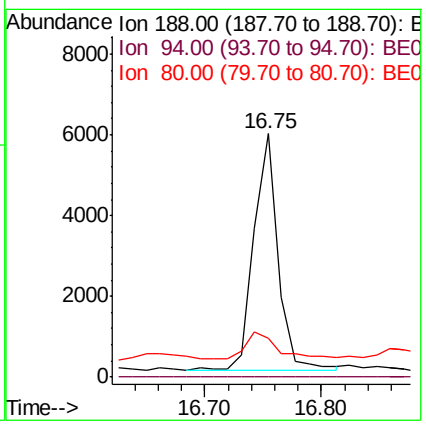


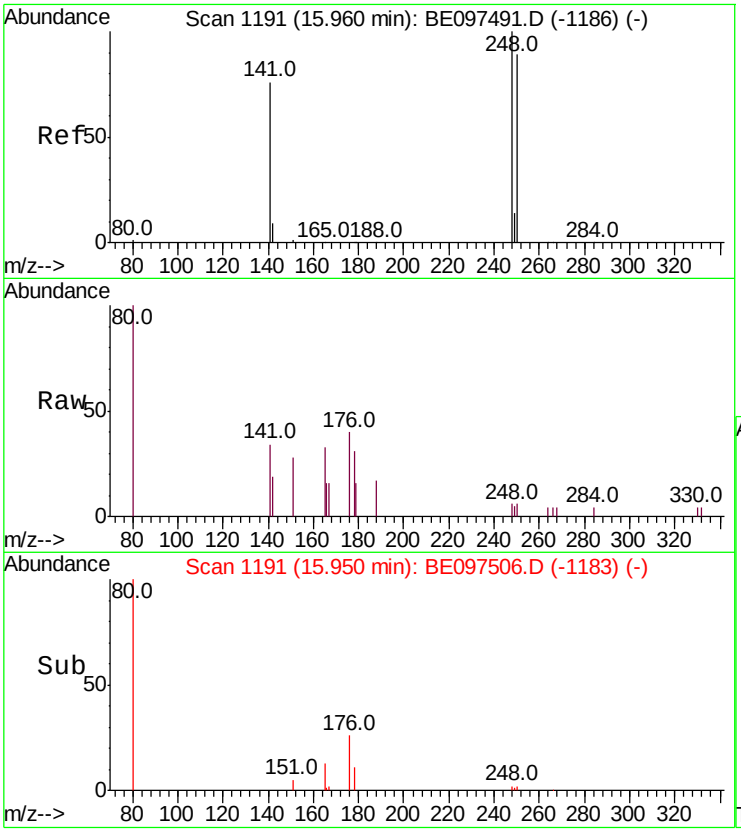


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.75 min Scan# 1260
Delta R.T. -0.01 min
Lab File: BE097506.D
Acq: 17 Sep 2018 21:28

Tgt Ion:188 Resp: 8490

Ion	Ratio	Lower	Upper
188	100		
94	0.0	3.9	5.9#
80	15.7	3.6	5.4#



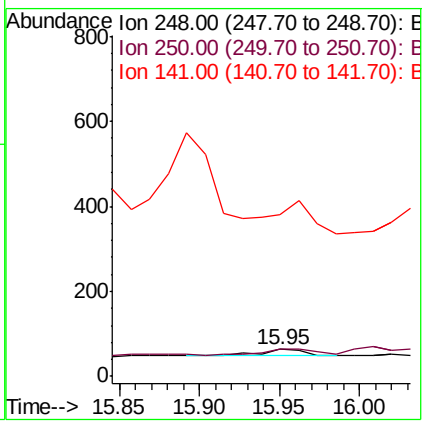


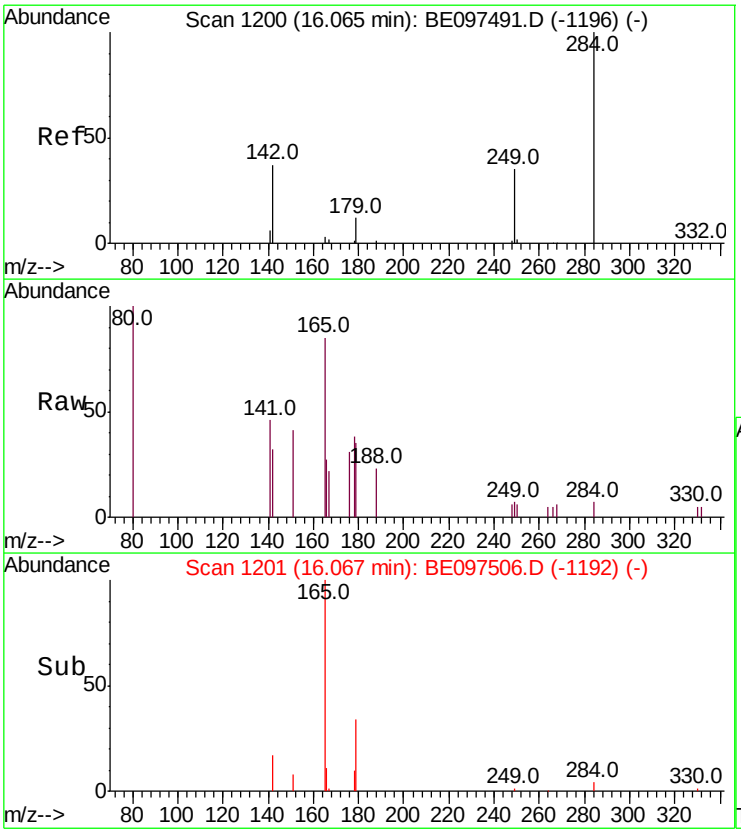
#20
4-Bromophenyl-phenylether
Concen: 0.007 ng
RT: 15.95 min Scan# 1191
Delta R.T. -0.01 min
Lab File: BE097506.D
Acq: 17 Sep 2018 21:28

Instrument :
BNA_E
ClientSampleId :
PR-MW-05-091218

Tgt Ion:248 Resp: 30

Ion	Ratio	Lower	Upper
248	100		
250	101.6	62.7	94.1#
141	606.3	48.2	72.2#

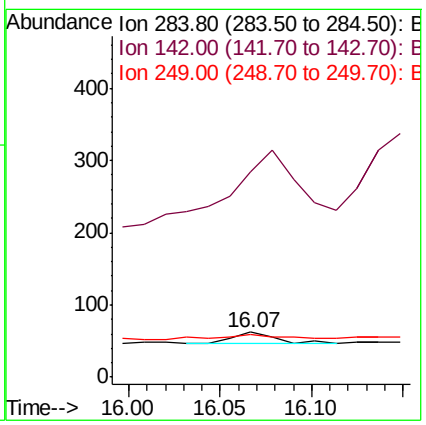


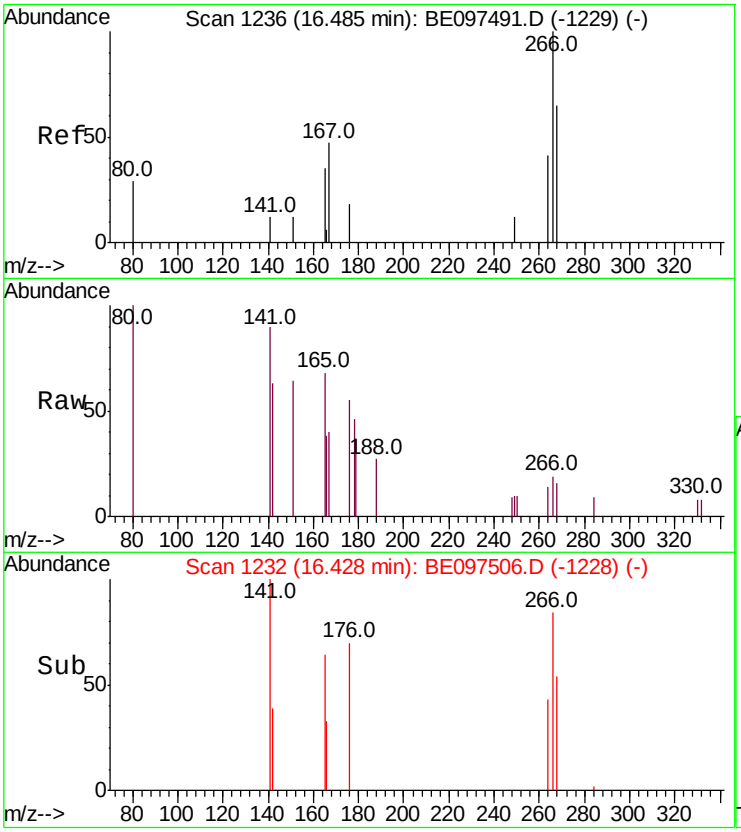


#21
Hexachlorobenzene
Concen: 0.006 ng
RT: 16.07 min Scan# 1201
Delta R.T. 0.00 min
Lab File: BE097506.D
Acq: 17 Sep 2018 21:28

Tgt Ion:284 Resp: 24

Ion	Ratio	Lower	Upper
284	100		
142	1208.3	22.1	33.1#
249	83.3	34.8	52.2#



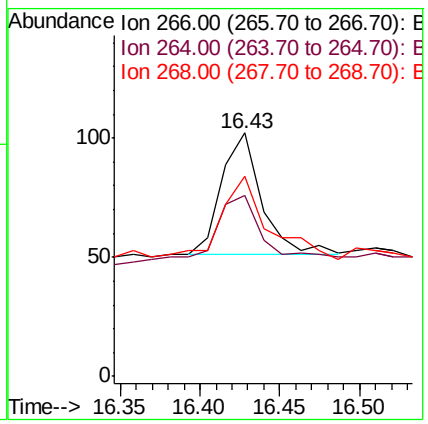


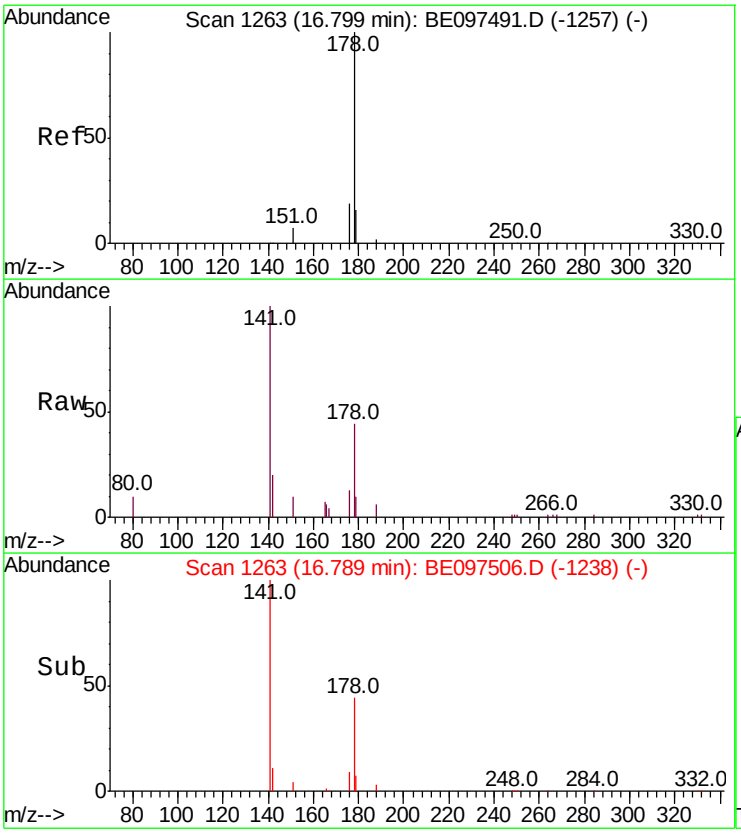
#22
Pentachlorophenol
Concen: 0.205 ng
RT: 16.43 min Scan# 1232
Delta R.T. -0.06 min
Lab File: BE097506.D
Acq: 17 Sep 2018 21:28

Instrument :
BNA_E
ClientSampleId :
PR-MW-05-091218

Tgt Ion:266 Resp: 90

Ion	Ratio	Lower	Upper
266	100		
264	74.5	72.5	108.7
268	82.4	73.8	110.6

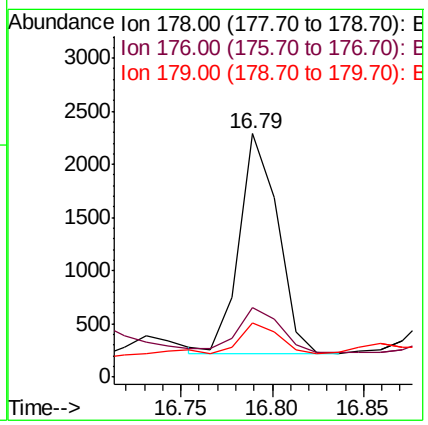


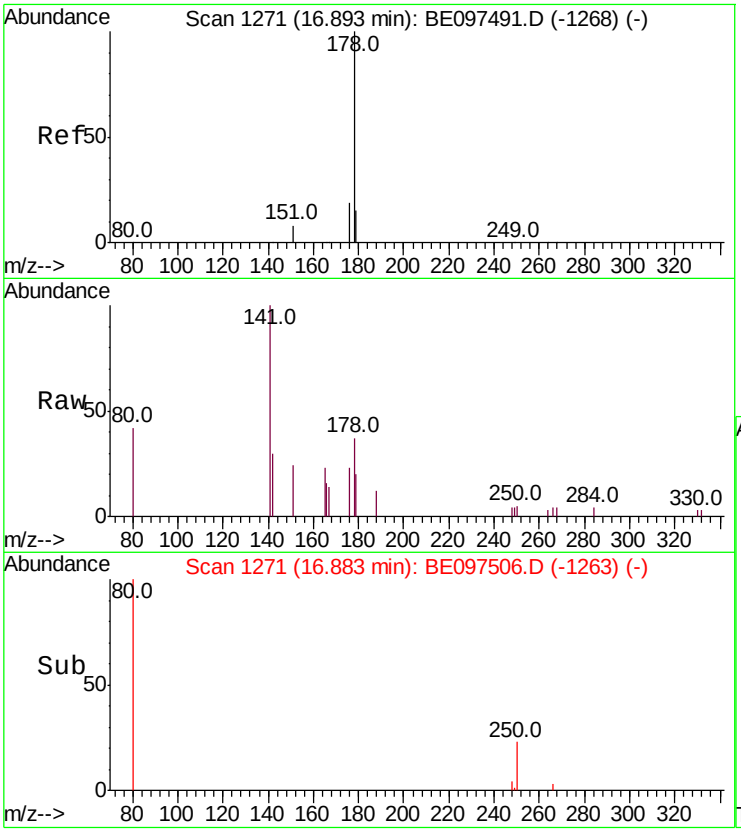


#23
Phenanthrene
Concen: 0.150 ng
RT: 16.79 min Scan# 1263
Delta R.T. -0.01 min
Lab File: BE097506.D
Acq: 17 Sep 2018 21:28

Tgt Ion:178 Resp: 2996

Ion	Ratio	Lower	Upper
178	100		
176	23.5	15.1	22.7#
179	21.2	11.8	17.6#



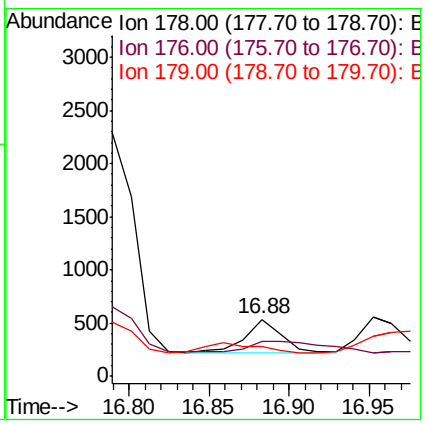


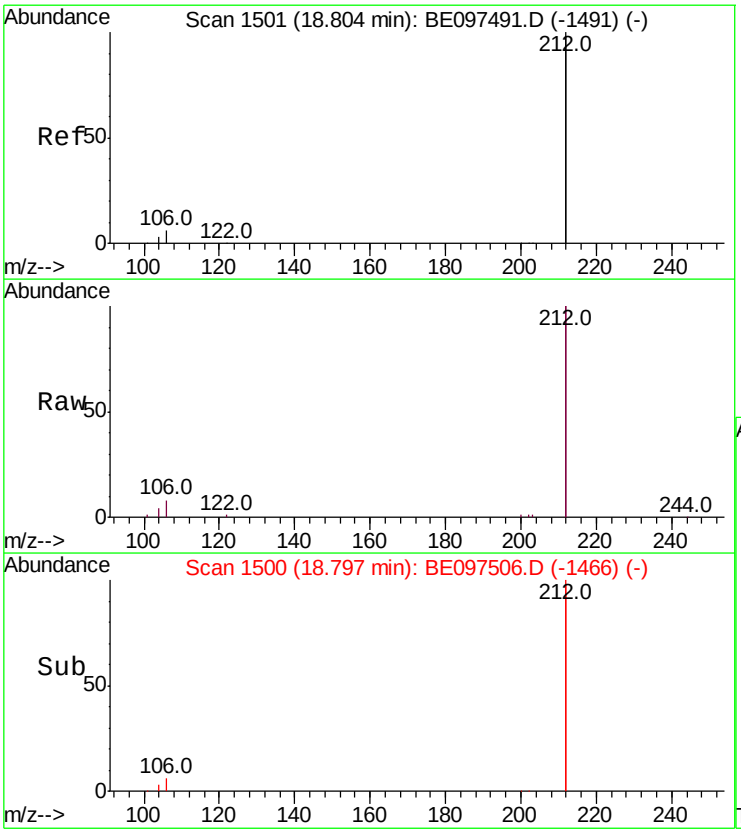
#24
Anthracene
Concen: 0.026 ng
RT: 16.88 min Scan# 1271
Delta R.T. -0.01 min
Lab File: BE097506.D
Acq: 17 Sep 2018 21:28

Instrument :
BNA_E
ClientSampleId :
PR-MW-05-091218

Tgt Ion:178 Resp: 480

Ion	Ratio	Lower	Upper
178	100		
176	70.8	12.8	19.2#
179	0.0	13.0	19.6#

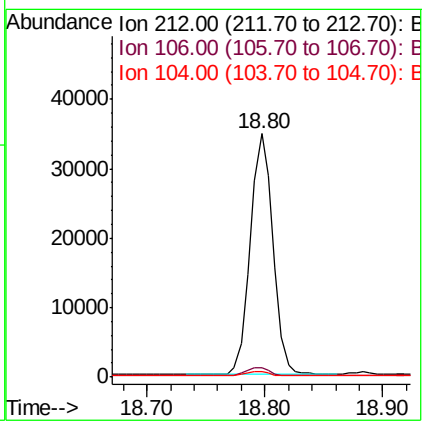


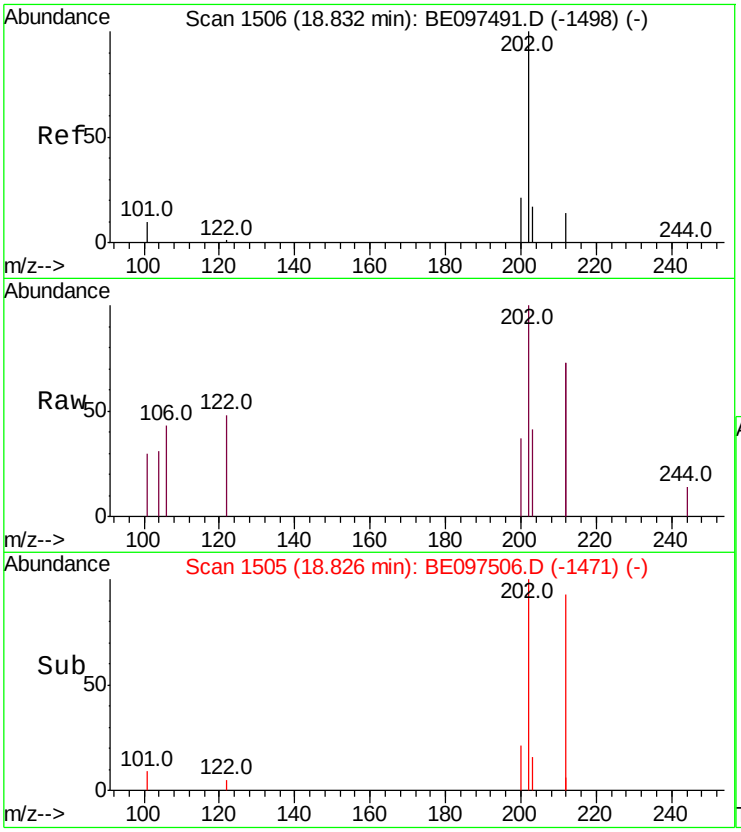


#25
Fluoranthene-d10
Concen: 0.455 ng
RT: 18.80 min Scan# 1500
Delta R.T. -0.01 min
Lab File: BE097506.D
Acq: 17 Sep 2018 21:28

Tgt Ion:212 Resp: 46444

Ion	Ratio	Lower	Upper
212	100		
106	3.4	2.8	4.2
104	1.8	1.6	2.4



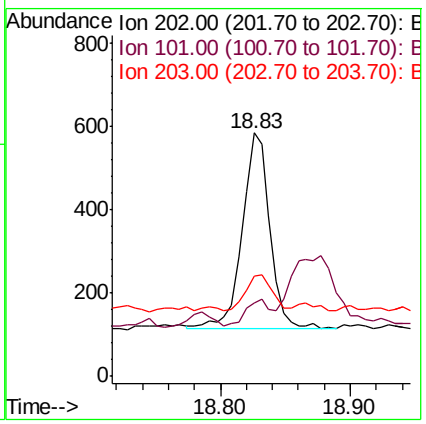


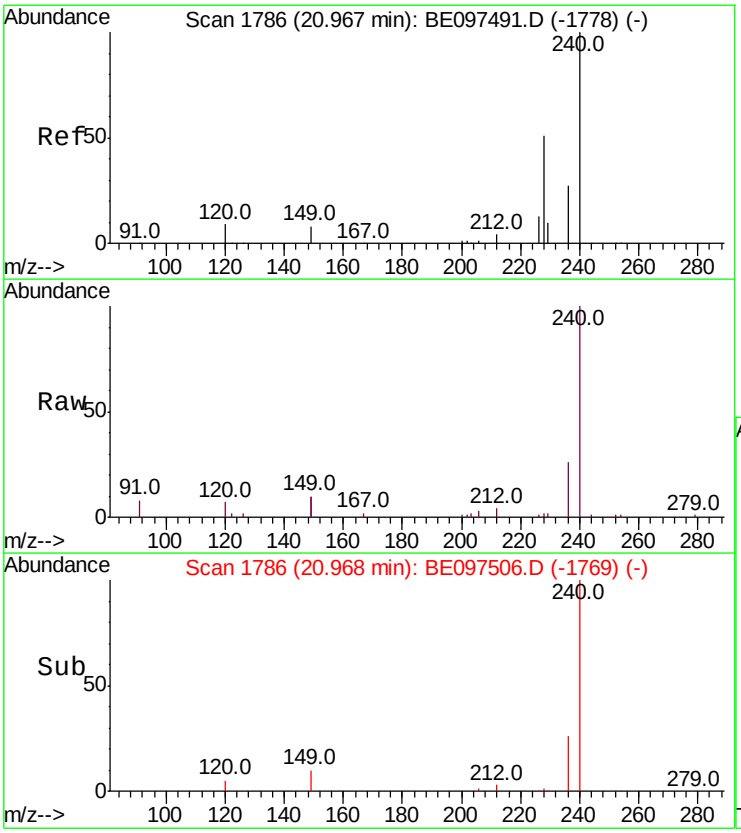
#26
Fluoranthene
Concen: 0.027 ng
RT: 18.83 min Scan# 1505
Delta R.T. -0.01 min
Lab File: BE097506.D
Acq: 17 Sep 2018 21:28

Instrument :
BNA_E
ClientSampleId :
PR-MW-05-091218

Tgt Ion:202 Resp: 705

Ion	Ratio	Lower	Upper
202	100		
101	12.5	9.8	14.8
203	17.7	13.7	20.5

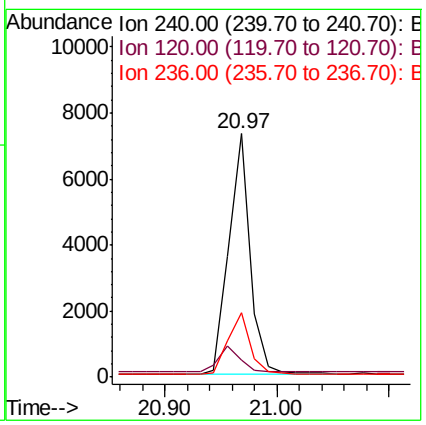


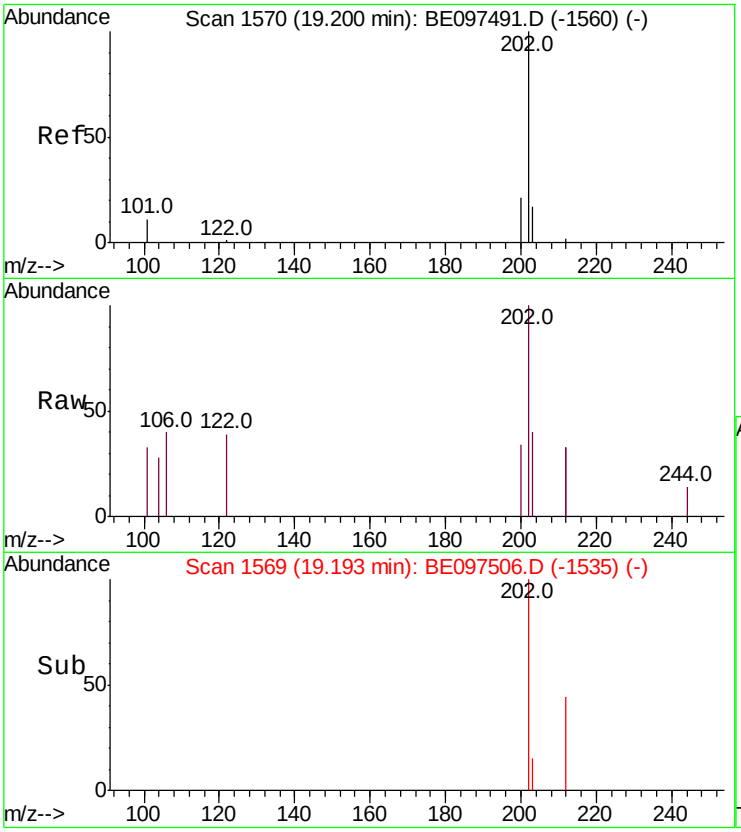


#27
Chrysene-d12
Concen: 0.400 ng
RT: 20.97 min Scan# 1786
Delta R.T. 0.00 min
Lab File: BE097506.D
Acq: 17 Sep 2018 21:28

Tgt Ion:240 Resp: 9680

Ion	Ratio	Lower	Upper
240	100		
120	6.8	5.5	8.3
236	26.4	20.7	31.1



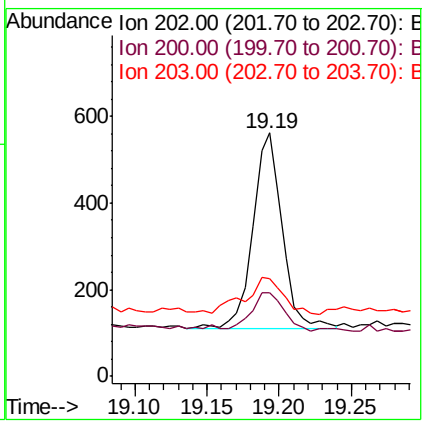


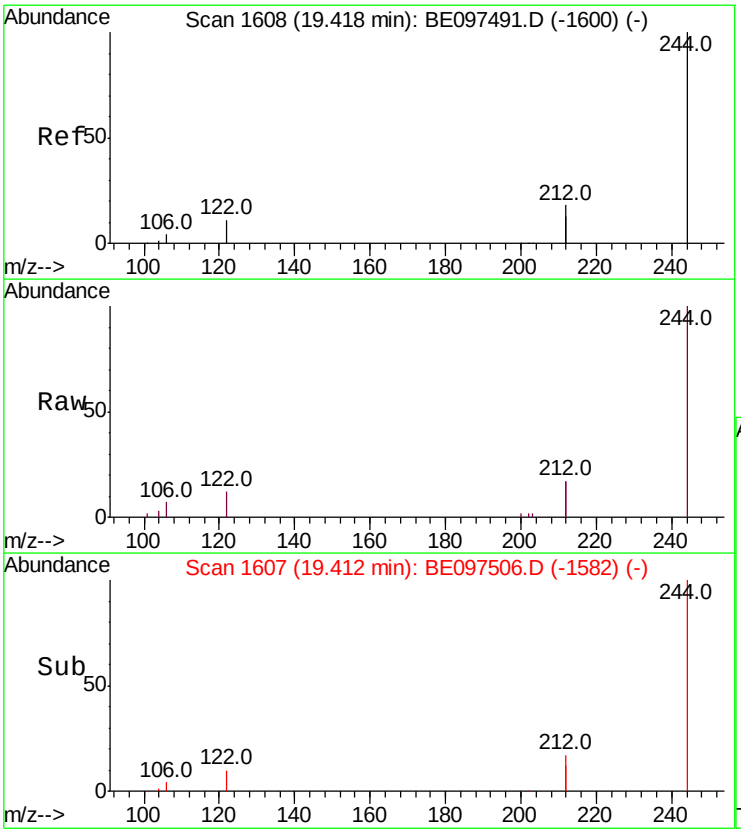
#28
Pyrene
Concen: 0.026 ng
RT: 19.19 min Scan# 1569
Delta R.T. -0.01 min
Lab File: BE097506.D
Acq: 17 Sep 2018 21:28

Instrument :
BNA_E
ClientSampleId :
PR-MW-05-091218

Tgt Ion:202 Resp: 640

Ion	Ratio	Lower	Upper
202	100		
200	21.9	16.6	25.0
203	25.6	13.8	20.8#

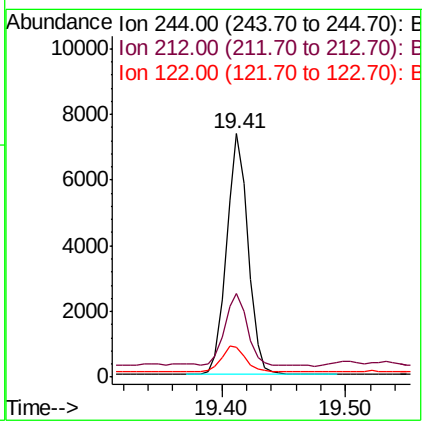


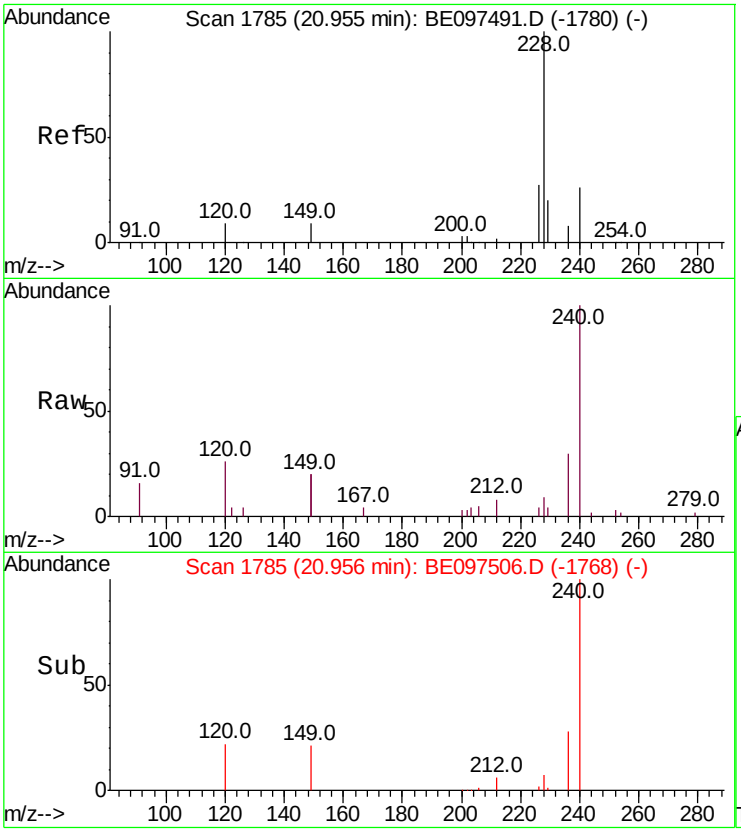


#29
Terphenyl-d14
Concen: 0.478 ng
RT: 19.41 min Scan# 1607
Delta R.T. -0.01 min
Lab File: BE097506.D
Acq: 17 Sep 2018 21:28

Tgt Ion:244 Resp: 8848

Ion	Ratio	Lower	Upper
244	100		
212	34.3	25.4	38.0
122	12.4	8.1	12.1#



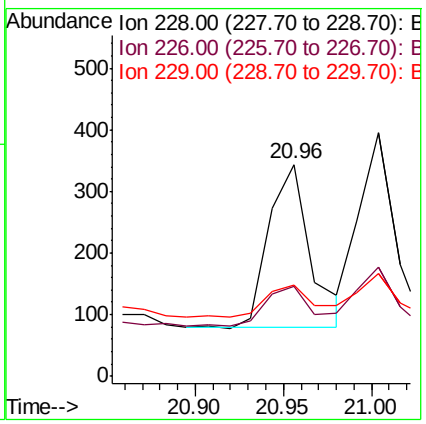


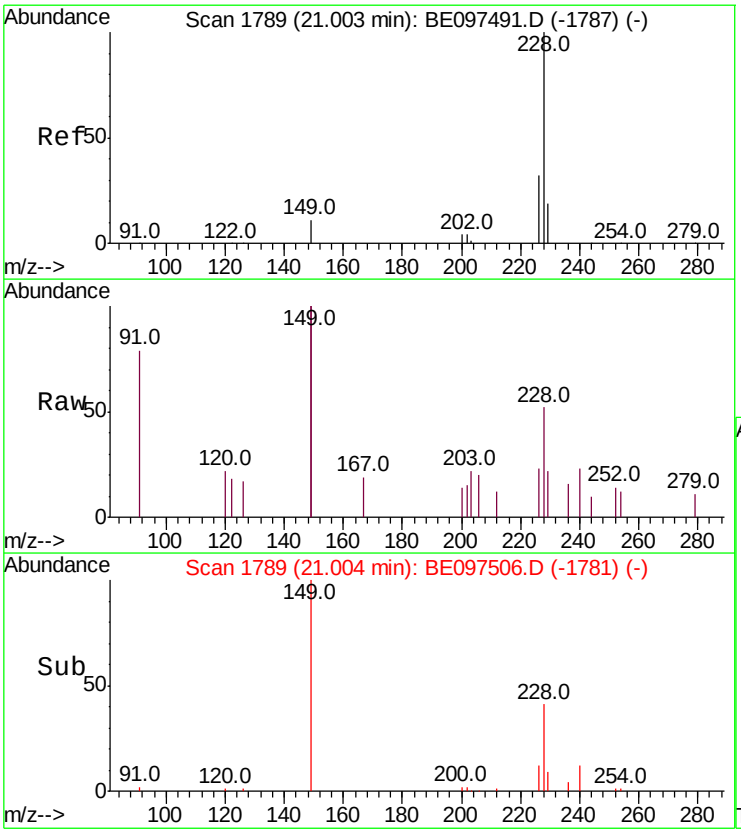
#30
Benzo(a)anthracene
Concen: 0.017 ng
RT: 20.96 min Scan# 1785
Delta R.T. 0.00 min
Lab File: BE097506.D
Acq: 17 Sep 2018 21:28

Instrument :
BNA_E
ClientSampleId :
PR-MW-05-091218

Tgt Ion:228 Resp: 430

Ion	Ratio	Lower	Upper
228	100		
226	42.2	24.0	36.0#
229	43.0	16.0	24.0#

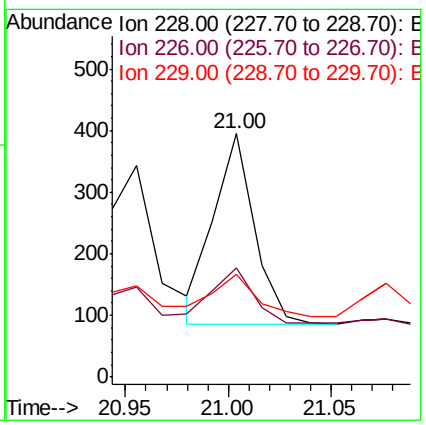


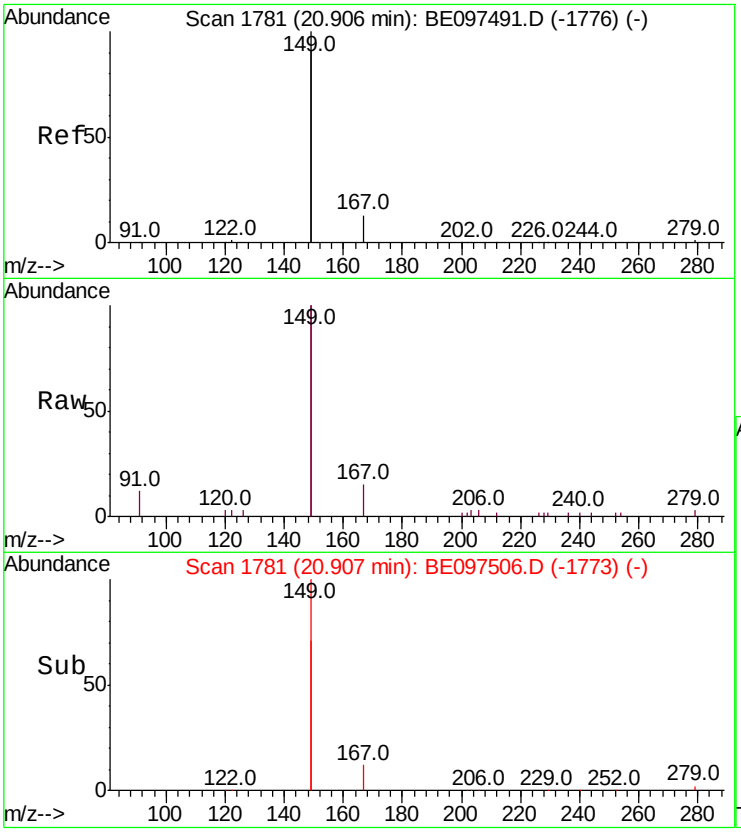


#31
Chrysene
Concen: 0.016 ng
RT: 21.00 min Scan# 1789
Delta R.T. 0.00 min
Lab File: BE097506.D
Acq: 17 Sep 2018 21:28

Tgt Ion:228 Resp: 424

Ion	Ratio	Lower	Upper
228	100		
226	44.8	24.0	36.0#
229	42.0	16.0	24.0#



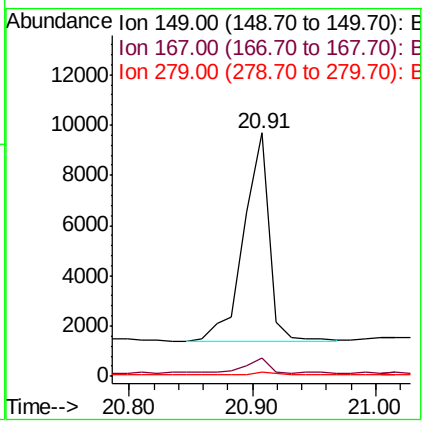


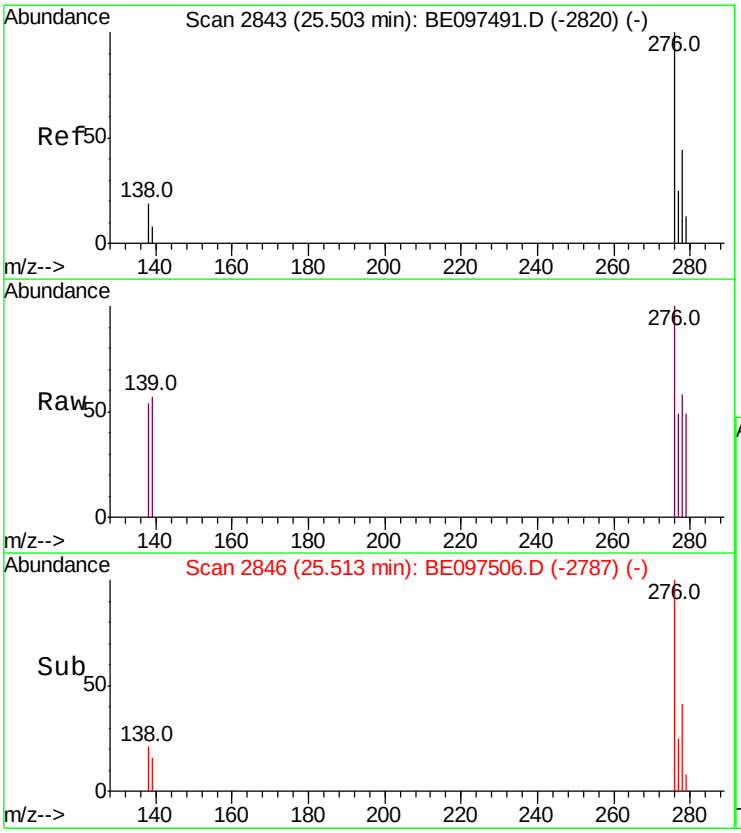
#32
Bis(2-ethylhexyl)phthalate
Concen: 0.221 ng
RT: 20.91 min Scan# 1781
Delta R.T. 0.00 min
Lab File: BE097506.D
Acq: 17 Sep 2018 21:28

Instrument :
BNA_E
ClientSampleId :
PR-MW-05-091218

Tgt Ion:149 Resp: 11952

Ion	Ratio	Lower	Upper
149	100		
167	6.3	5.4	8.0
279	1.1	0.7	1.1#

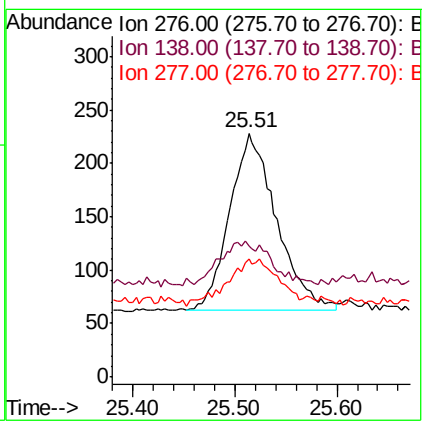


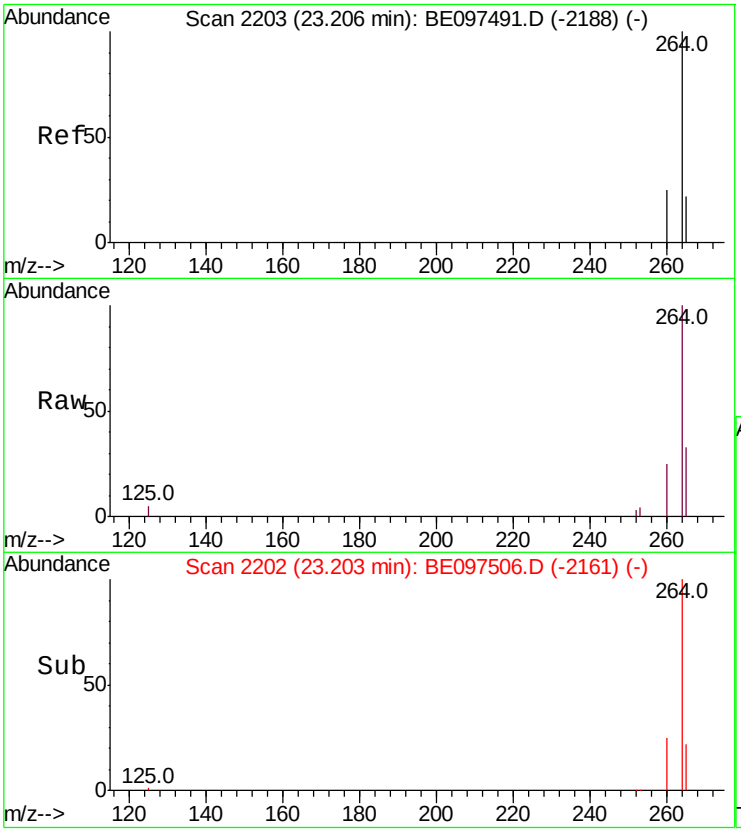


#33
Indeno(1,2,3-cd)pyrene
Concen: 0.017 ng
RT: 25.51 min Scan# 2846
Delta R.T. 0.01 min
Lab File: BE097506.D
Acq: 17 Sep 2018 21:28

Tgt Ion:276 Resp: 524

Ion	Ratio	Lower	Upper
276	100		
138	17.4	22.5	33.7#
277	29.2	19.9	29.9



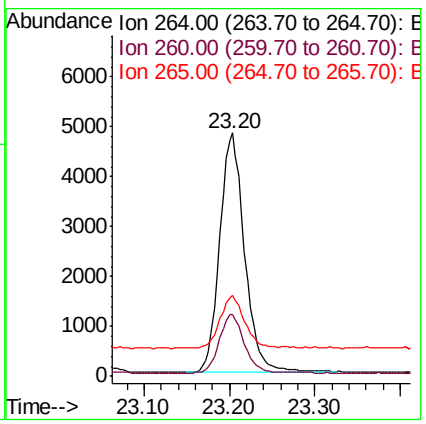


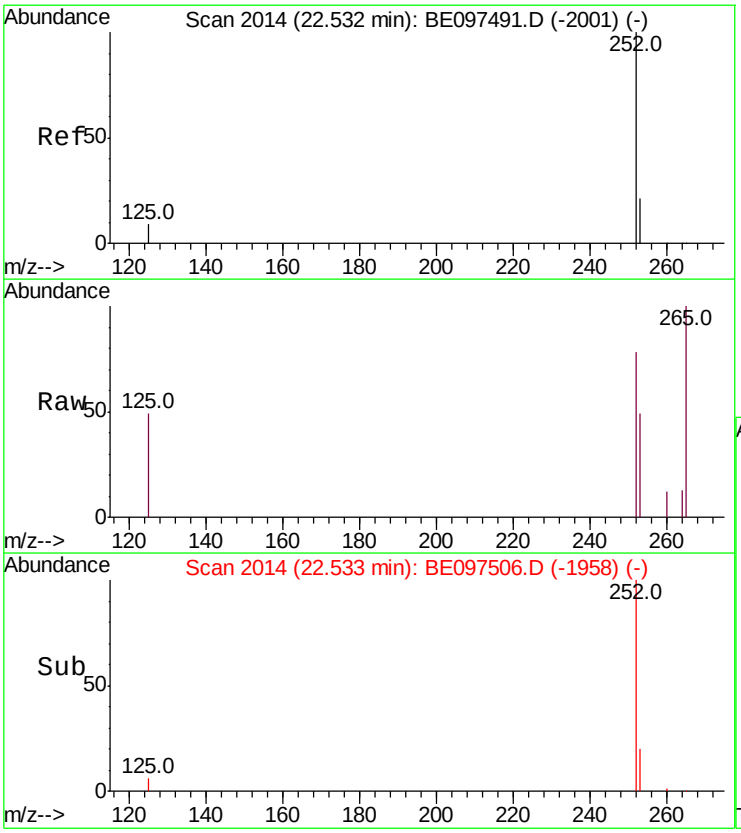
#34
Perylene-d12
Concen: 0.400 ng
RT: 23.20 min Scan# 2202
Delta R.T. -0.00 min
Lab File: BE097506.D
Acq: 17 Sep 2018 21:28

Instrument :
BNA_E
ClientSampleId :
PR-MW-05-091218

Tgt Ion:264 Resp: 9782

Ion	Ratio	Lower	Upper
264	100		
260	25.3	20.5	30.7
265	33.3	22.8	34.2

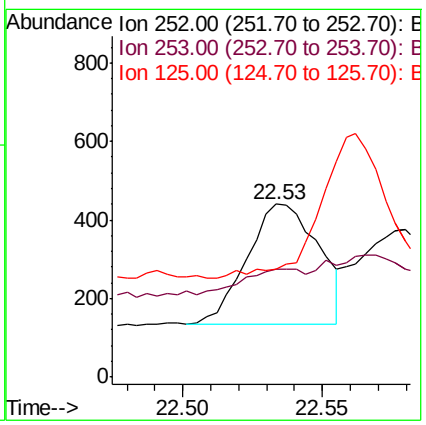


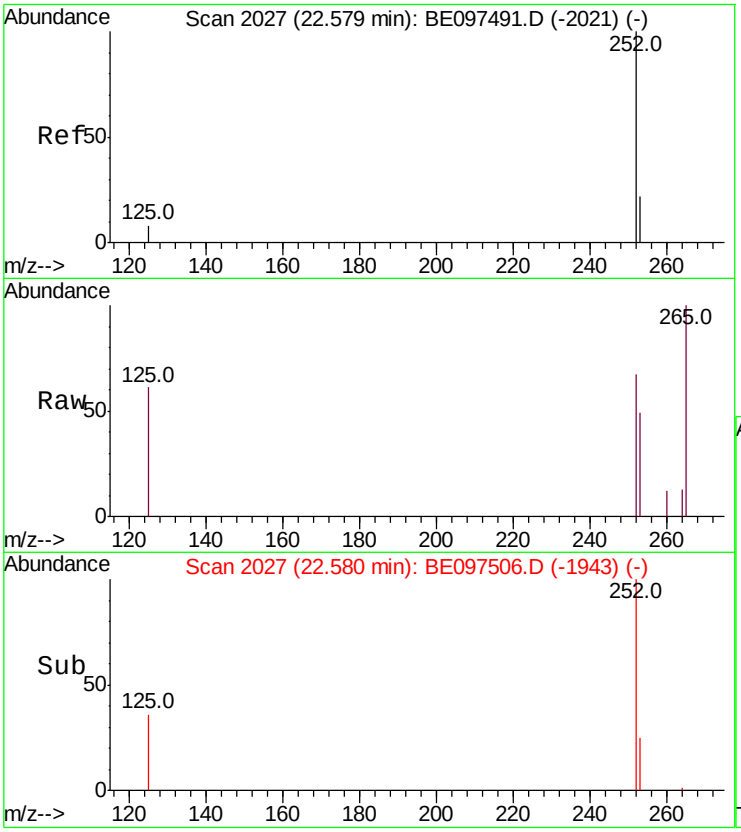


#35
Benzo(b)fluoranthene
Concen: 0.022 ng
RT: 22.53 min Scan# 2014
Delta R.T. 0.00 min
Lab File: BE097506.D
Acq: 17 Sep 2018 21:28

Tgt Ion:252 Resp: 545

Ion	Ratio	Lower	Upper
252	100		
253	62.7	20.0	30.0#
125	62.7	16.0	24.0#



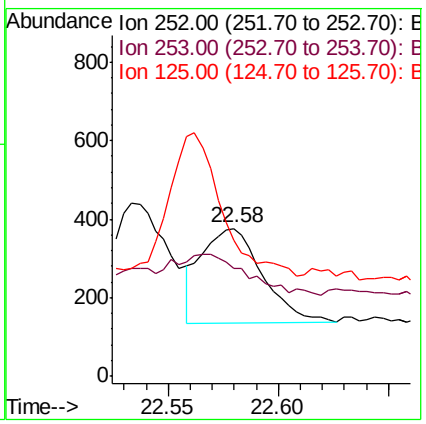


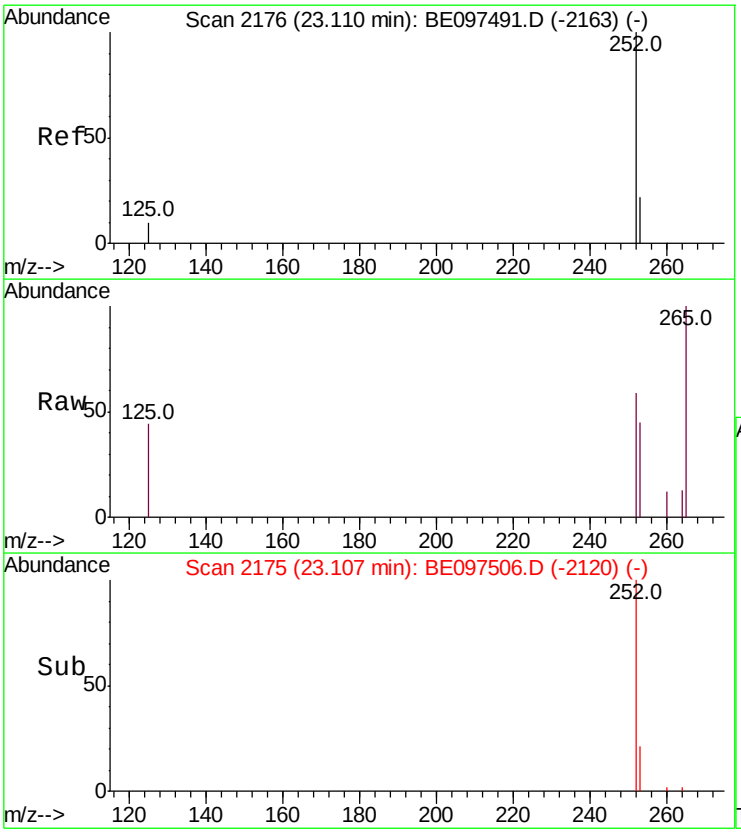
#36
Benzo(k)fluoranthene
Concen: 0.017 ng
RT: 22.58 min Scan# 2027
Delta R.T. 0.00 min
Lab File: BE097506.D
Acq: 17 Sep 2018 21:28

Instrument :
BNA_E
ClientSampleId :
PR-MW-05-091218

Tgt Ion:252 Resp: 460

Ion	Ratio	Lower	Upper
252	100		
253	73.2	16.0	24.0#
125	91.5	8.0	12.0#

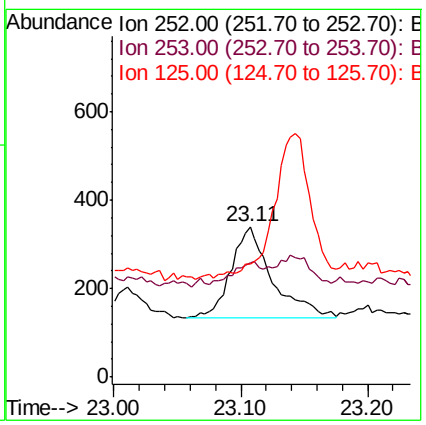


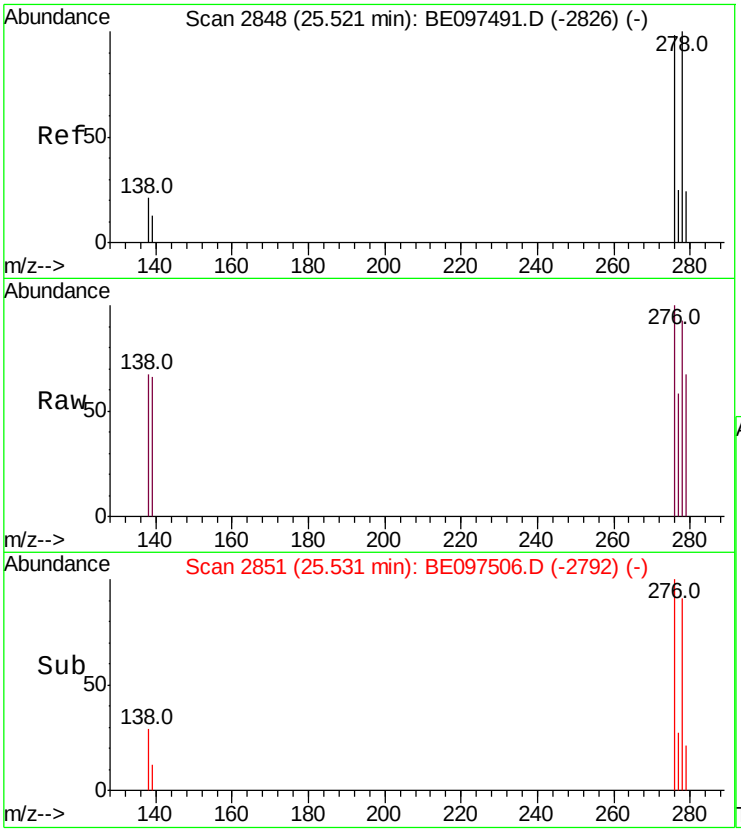


#37
Benzo(a)pyrene
Concen: 0.019 ng
RT: 23.11 min Scan# 2175
Delta R.T. -0.00 min
Lab File: BE097506.D
Acq: 17 Sep 2018 21:28

Tgt Ion:252 Resp: 463

Ion	Ratio	Lower	Upper
252	100		
253	76.2	16.0	24.0#
125	74.7	12.0	18.0#



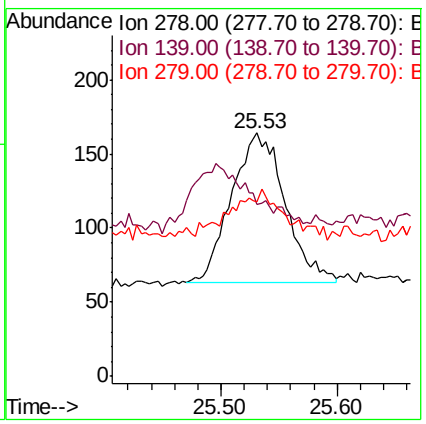


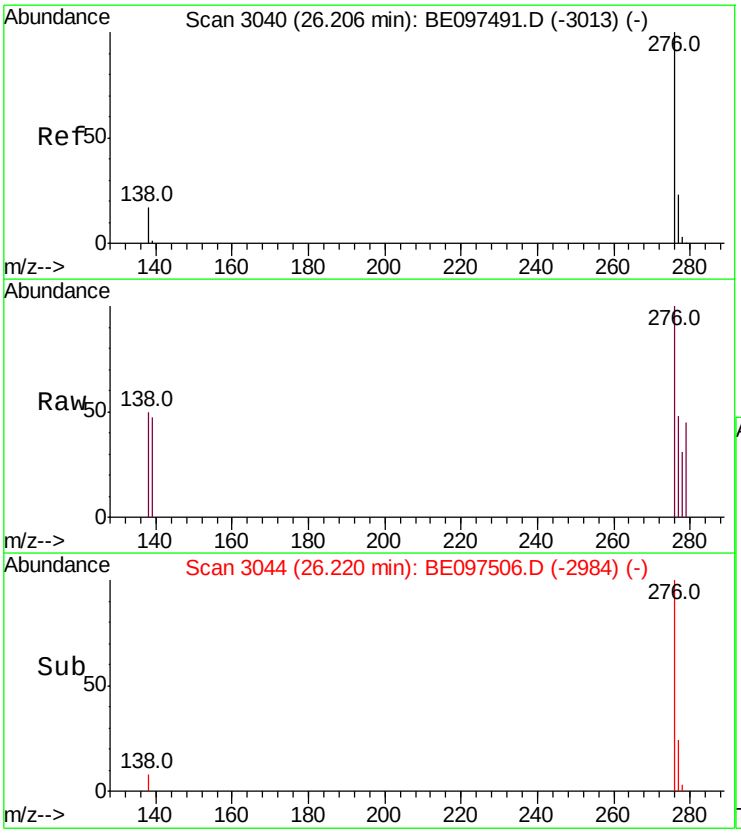
#38
Dibenzo(a,h)anthracene
Concen: 0.013 ng
RT: 25.53 min Scan# 2851
Delta R.T. 0.01 min
Lab File: BE097506.D
Acq: 17 Sep 2018 21:28

Instrument :
BNA_E
ClientSampleId :
PR-MW-05-091218

Tgt Ion:278 Resp: 325

Ion	Ratio	Lower	Upper
278	100		
139	70.7	16.0	24.0#
279	72.0	20.0	30.0#





#39
Benzo(g,h,i)perylene
Concen: 0.018 ng
RT: 26.22 min Scan# 3044
Delta R.T. 0.01 min
Lab File: BE097506.D
Acq: 17 Sep 2018 21:28

Tgt Ion:276 Resp: 486

Ion	Ratio	Lower	Upper
276	100		
277	48.1	16.0	24.0#
138	50.5	20.0	30.0#