Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE091718\
Data File : BE097510.D
Acq On : 17 Sep 2018 00:00
Operator : SJ/JU
Sample : J4892-08
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : PR-MW-01-091218

Quant Time: Sep 18 05:52:57 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	7.37	152	1099	0.40	ng		0.00
7) Naphthalene-d8	10.12	136	5974	0.40	ng		-0.01
13) Acenaphthene-d10	13.99	164	5782	0.40	ng		-0.01
19) Phenanthrene-d10	16.75	188	9396	0.40	ng		-0.01
27) Chrysene-d12	20.97	240	9884	0.40	ng		0.00
34) Perylene-d12	23.20	264	9659	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.04	112	1198	0.32	ng		0.00
5) Phenol-d6	6.59	99	1549	0.33	ng		-0.02
8) Nitrobenzene-d5	8.51	82	2800	0.58	ng		-0.02
11) 2-Methylnaphthalene-d10	11.71	152	4972	0.58	ng		-0.01
14) 2,4,6-Tribromophenol	15.51	330	920	0.30	ng		-0.02
15) 2-Fluorobiphenyl	12.61	172	6527	0.32	ng		-0.01
25) Fluoranthene-d10	18.80	212	47449	0.42	ng		0.00
29) Terphenyl-d14	19.41	244	9959	0.53	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.07	88	49	0.026	ng	#	1
3) n-Nitrosodimethylamine	3.36	42	521	0.328	ng	#	2
6) bis(2-Chloroethyl)ether	6.77	93	2928	0.776	ng	#	1
9) Naphthalene	10.17	128	6278664	115.770	ng		99
10) Hexachlorobutadiene	10.43	225	5	0.002	ng	#	35
12) 2-Methylnaphthalene	11.79	142	598174	68.956	ng		98
16) Acenaphthylene	13.71	152	3378	0.134	ng	#	1
17) Acenaphthene	14.06	154	3904	0.252	ng	#	80
18) Fluorene	15.05	166	13479	0.681	ng	#	82
20) 4-Bromophenyl-phenylether	15.93	248	20	0.004	ng	#	1
21) Hexachlorobenzene	16.05	284	10	0.002	ng	#	16
22) Pentachlorophenol	16.42	266	47	0.120	ng		96
23) Phenanthrene	16.79	178	4044	0.183	ng	#	71
24) Anthracene	16.88	178	472	0.023	ng	#	1
26) Fluoranthene	18.83	202	356	0.012	ng	#	79
28) Pyrene	19.19	202	455	0.018	ng	#	81
30) Benzo(a)anthracene	20.95	228	146	0.006	ng	#	1
31) Chrysene	21.00	228	84	0.003	ng	#	1
32) Bis(2-ethylhexyl)phthalate	20.91	149	12832	0.232	ng	#	99
33) Indeno(1,2,3-cd)pyrene	25.50	276	35	0.001	ng	#	86
35) Benzo(b)fluoranthene	22.53	252	95	0.004	ng	#	1
36) Benzo(k)fluoranthene	22.57	252	77	0.003	ng	#	1
37) Benzo(a)pyrene	23.10	252	54	0.002	ng	#	1
38) Dibenzo(a,h)anthracene	25.52	278	7	0.000	ng	#	1
39) Benzo(g,h,i)perylene	26.22	276	74	0.003	ng	#	1

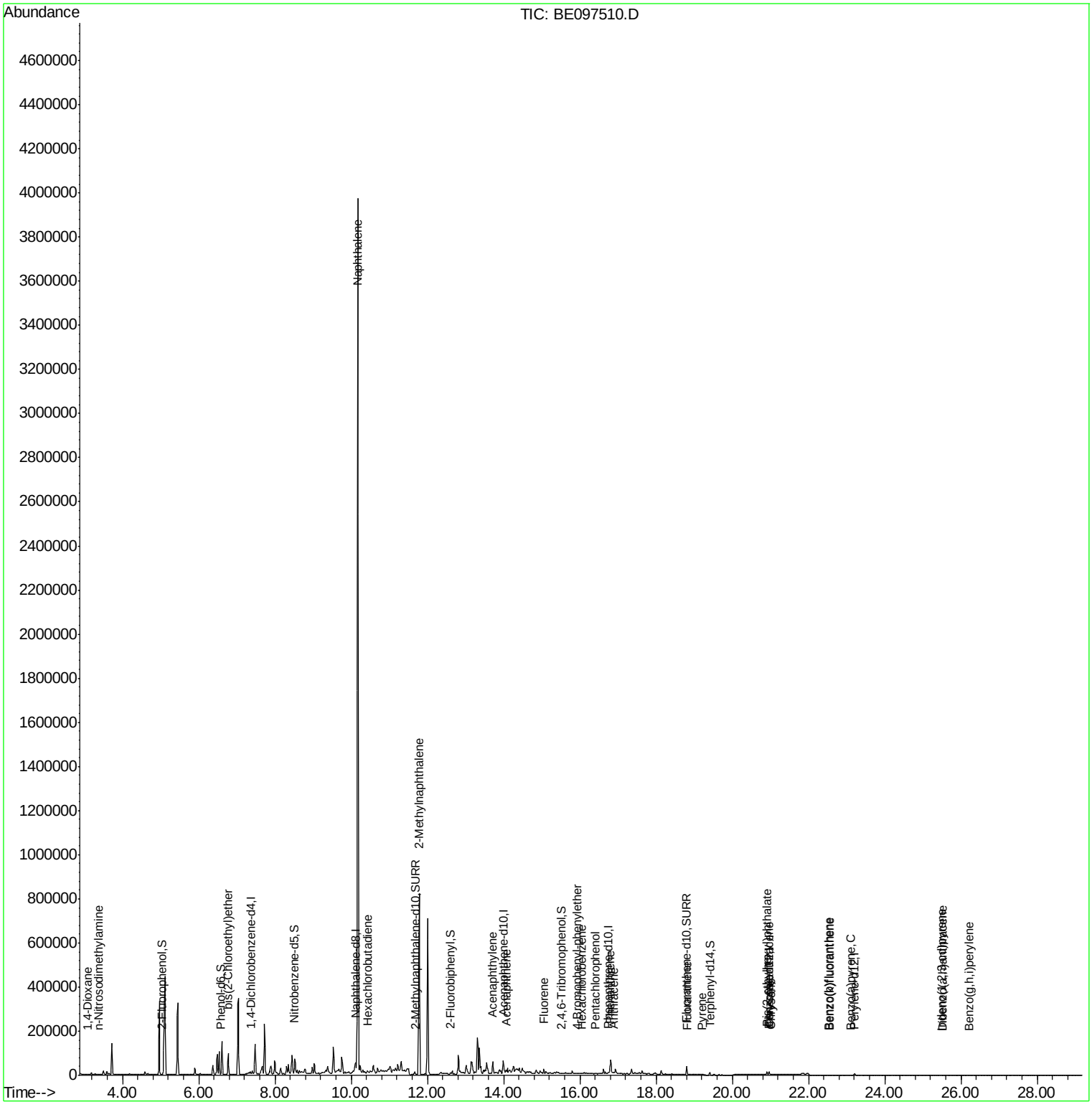
(#) = qualifier out of range (m) = manual integration (+) = signals summed

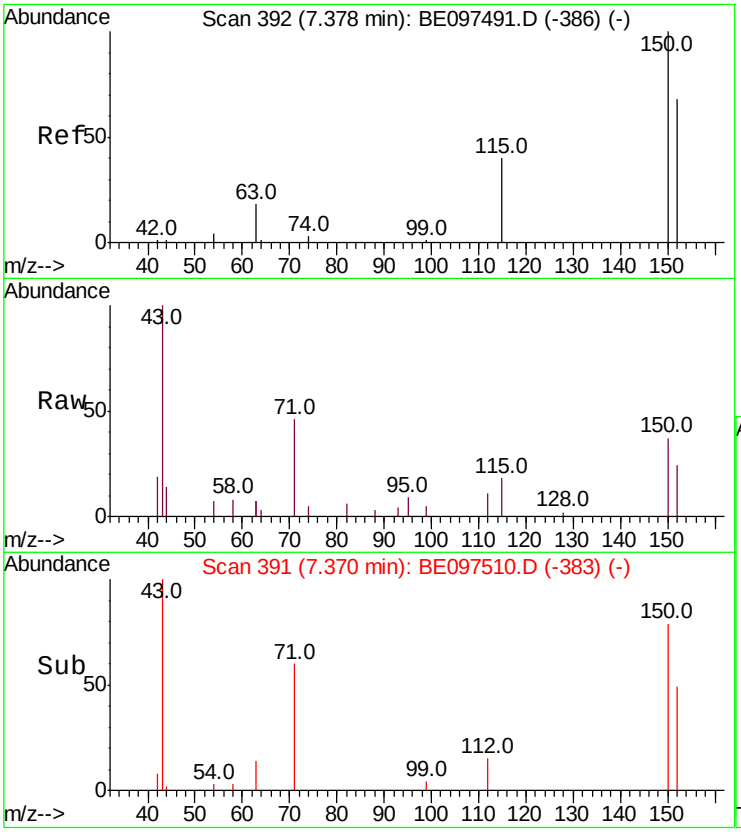
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE091718\
Data File : BE097510.D
Acq On : 17 Sep 2018 00:00
Operator : SJ/JU
Sample : J4892-08
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
PR-MW-01-091218

Quant Time: Sep 18 05:52:57 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



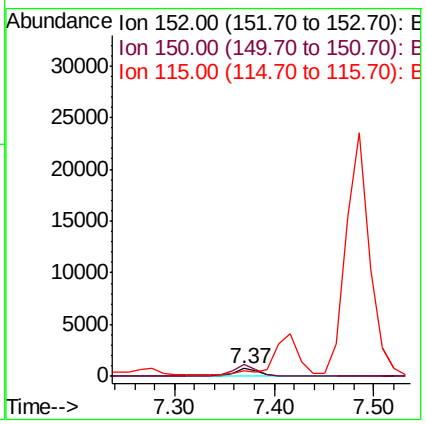


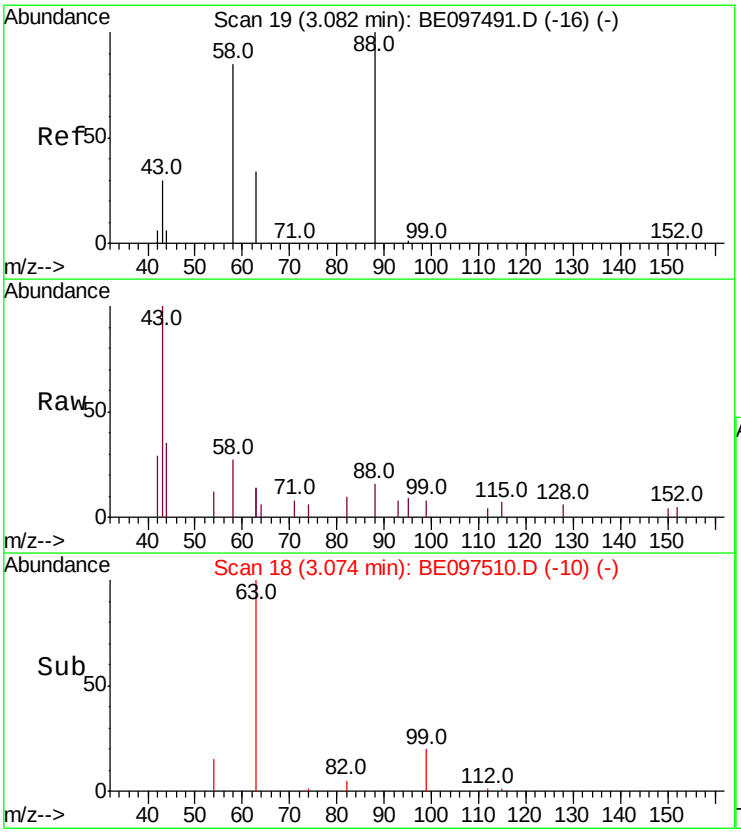
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.37 min Scan# 391
Delta R.T. -0.01 min
Lab File: BE097510.D
Acq: 17 Sep 2018 00:00

Instrument :
BNA_E
ClientSampleId :
PR-MW-01-091218

Tgt Ion:152 Resp: 1099

Ion	Ratio	Lower	Upper
152	100		
150	153.3	117.2	175.8
115	72.9	57.0	85.6

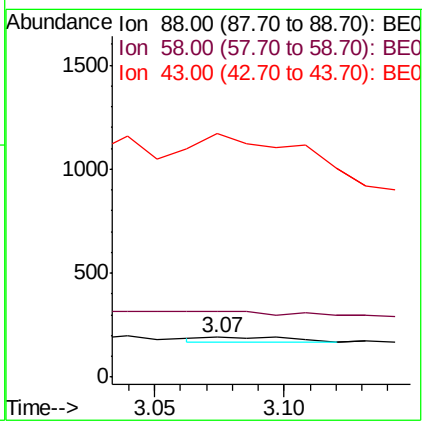


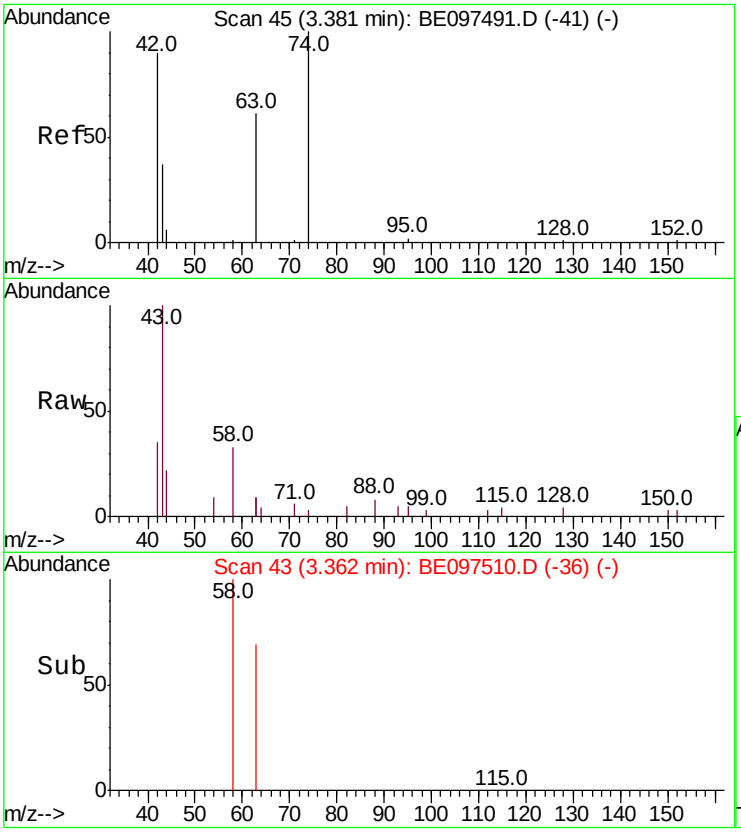


#2
1,4-Dioxane
Concen: 0.026 ng
RT: 3.07 min Scan# 18
Delta R.T. -0.01 min
Lab File: BE097510.D
Acq: 17 Sep 2018 00:00

Tgt Ion: 88 Resp: 49

Ion	Ratio	Lower	Upper
88	100		
58	0.0	63.2	94.8#
43	1536.7	41.2	61.8#



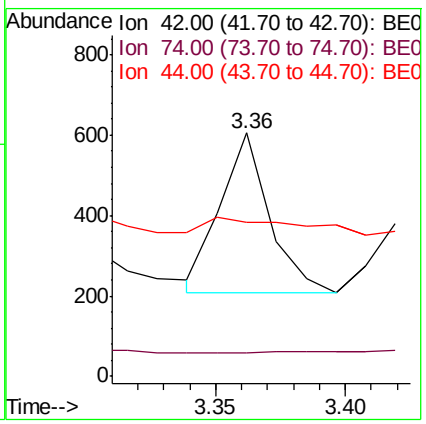


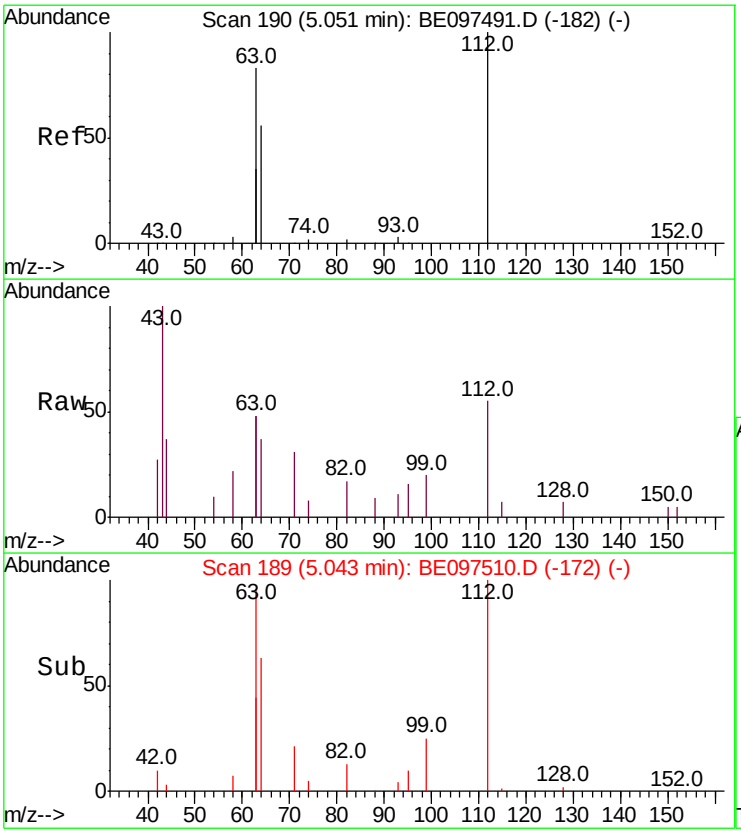
#3
n-Nitrosodimethylamine
Concen: 0.328 ng
RT: 3.36 min Scan# 43
Delta R.T. -0.02 min
Lab File: BE097510.D
Acq: 17 Sep 2018 00:00

Instrument :
BNA_E
ClientSampleId :
PR-MW-01-091218

Tgt Ion: 42 Resp: 521

Ion	Ratio	Lower	Upper
42	100		
74	0.0	96.0	144.0#
44	21.3	12.0	18.0#

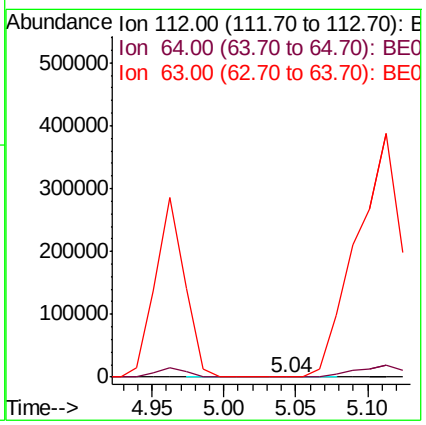


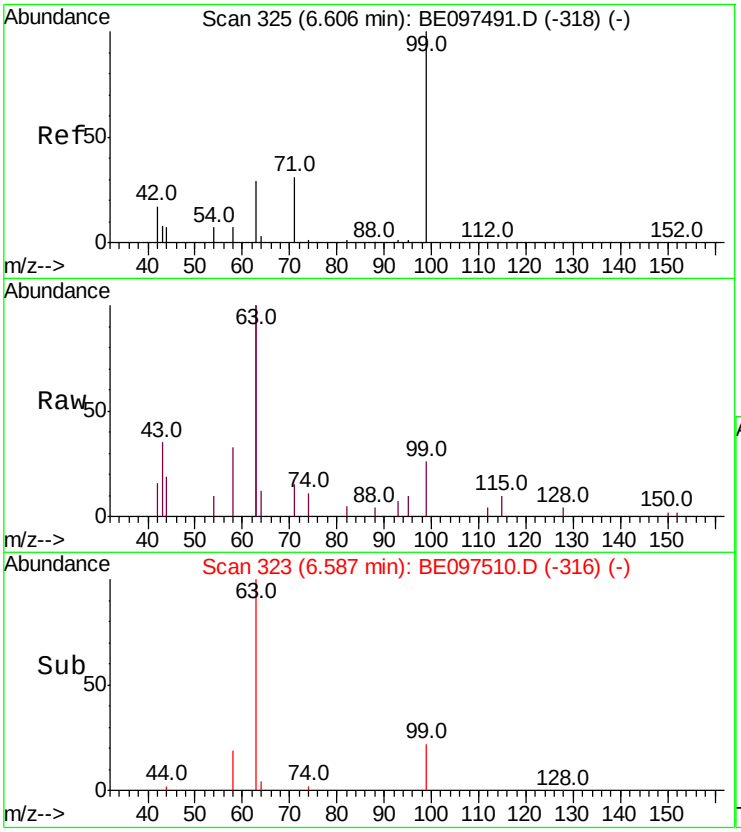


#4
2-Fluorophenol
Concen: 0.322 ng
RT: 5.04 min Scan# 189
Delta R.T. -0.01 min
Lab File: BE097510.D
Acq: 17 Sep 2018 00:00

Tgt Ion:112 Resp: 1198

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



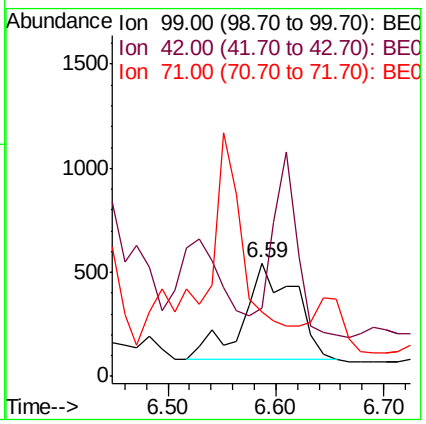


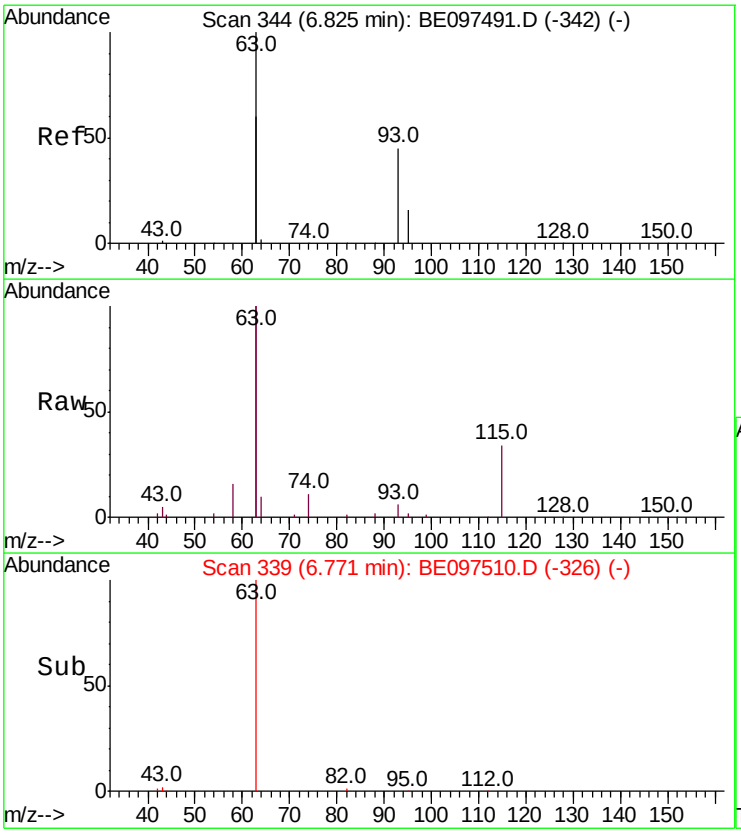
#5
Phenol-d6
Concen: 0.328 ng
RT: 6.59 min Scan# 323
Delta R.T. -0.02 min
Lab File: BE097510.D
Acq: 17 Sep 2018 00:00

Instrument :
BNA_E
ClientSampleId :
PR-MW-01-091218

Tgt Ion: 99 Resp: 1549

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

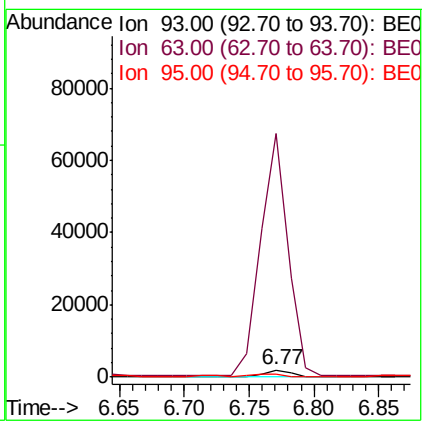


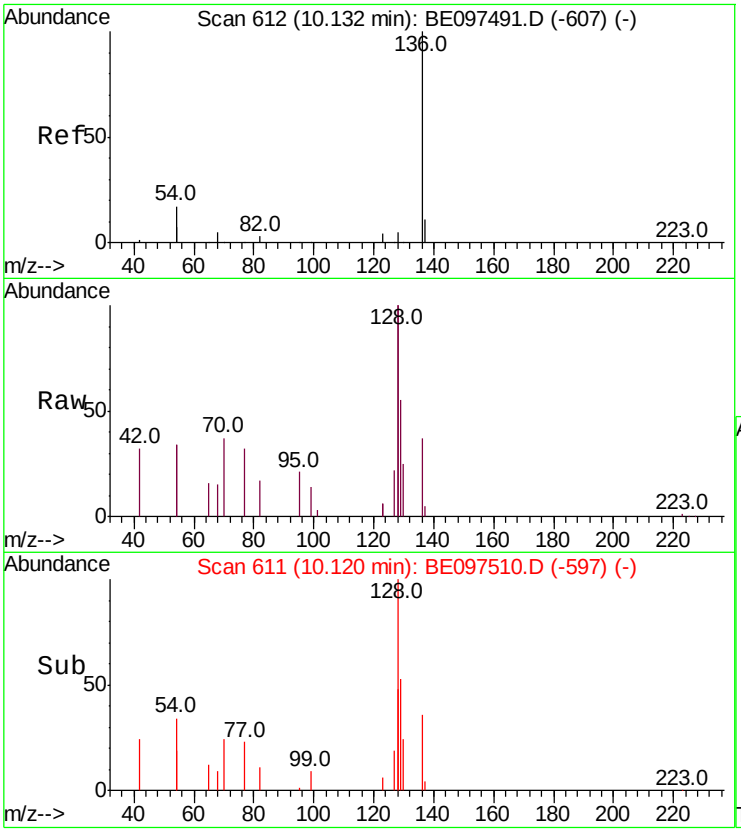


#6
bis(2-Chloroethyl)ether
Concen: 0.776 ng
RT: 6.77 min Scan# 339
Delta R.T. -0.05 min
Lab File: BE097510.D
Acq: 17 Sep 2018 00:00

Tgt Ion: 93 Resp: 2928

Ion	Ratio	Lower	Upper
93	100		
63	3399.5	275.3	412.9#
95	55.4	25.2	37.8#



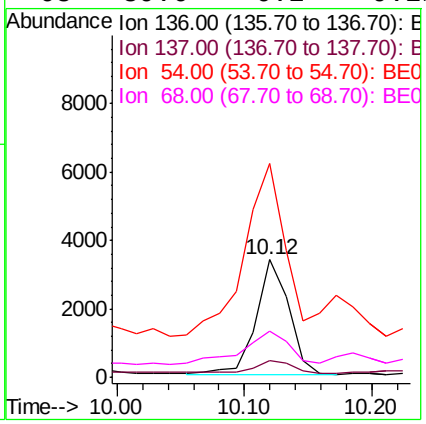


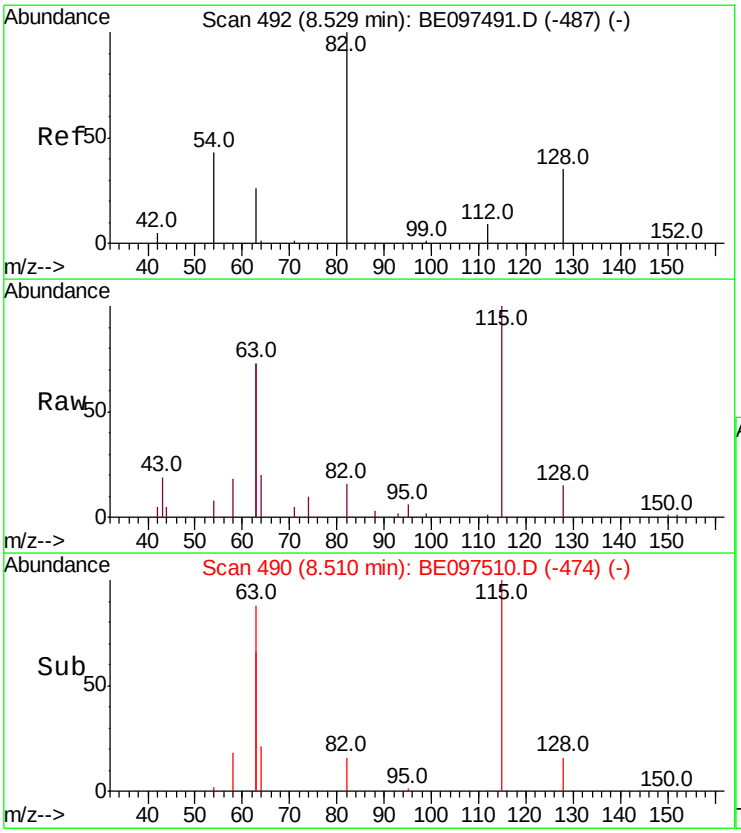
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.12 min Scan# 611
Delta R.T. -0.01 min
Lab File: BE097510.D
Acq: 17 Sep 2018 00:00

Instrument :
BNA_E
ClientSampleId :
PR-MW-01-091218

Tgt Ion:136 Resp: 5974

Ion	Ratio	Lower	Upper
136	100		
137	14.6	9.5	14.3#
54	182.1	29.1	43.7#
68	39.6	6.2	9.2#

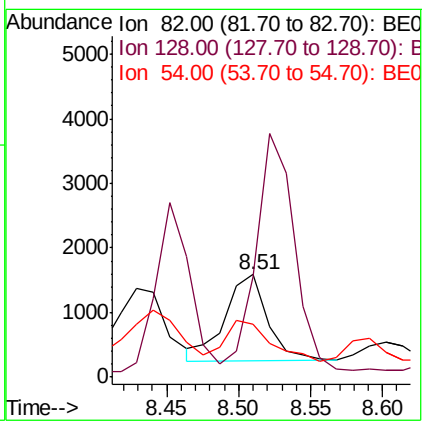


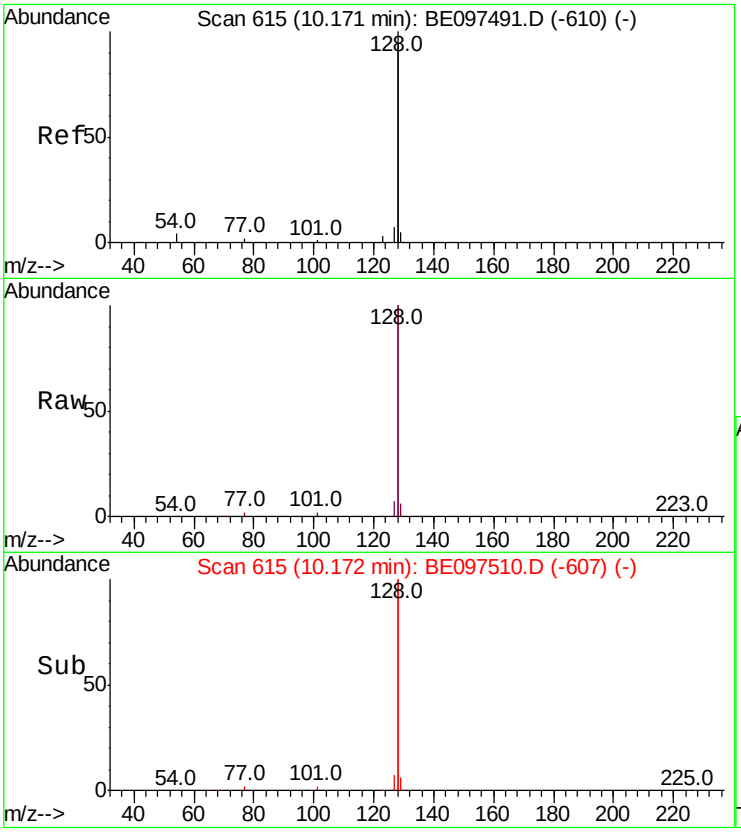


#8
Nitrobenzene-d5
Concen: 0.582 ng
RT: 8.51 min Scan# 490
Delta R.T. -0.02 min
Lab File: BE097510.D
Acq: 17 Sep 2018 00:00

Tgt Ion: 82 Resp: 2800

Ion	Ratio	Lower	Upper
82	100		
128	98.1	24.0	36.0#
54	51.8	40.0	60.0



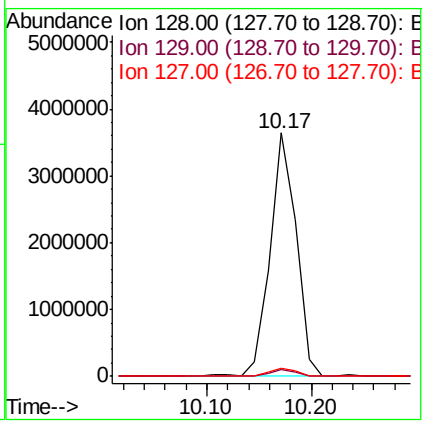


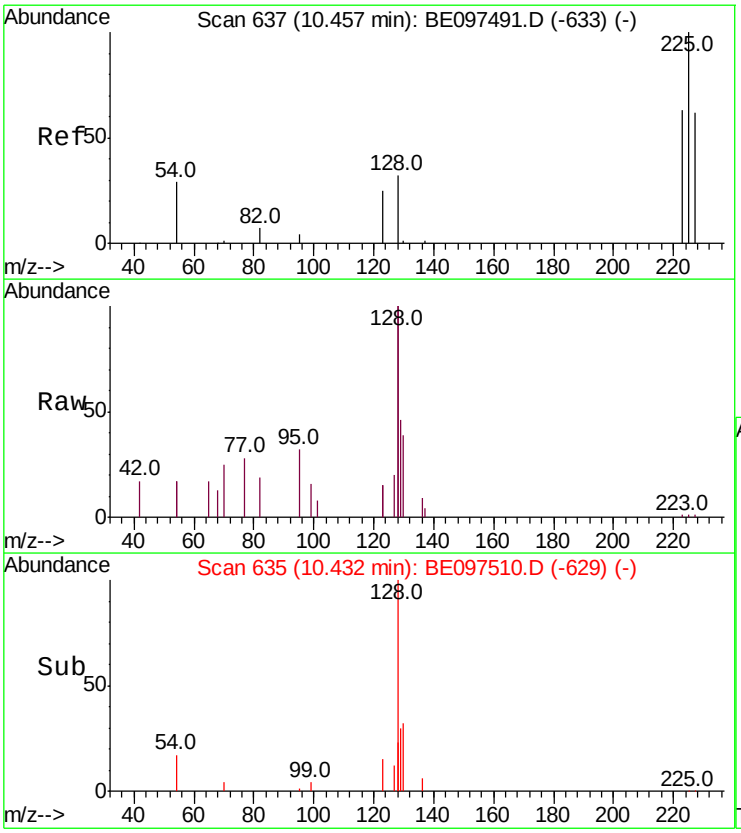
#9
Naphthalene
Concen: 115.770 ng
RT: 10.17 min Scan# 615
Delta R.T. 0.00 min
Lab File: BE097510.D
Acq: 17 Sep 2018 00:00

Instrument :
BNA_E
ClientSampleId :
PR-MW-01-091218

Tgt Ion:128 Resp: 6278664

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

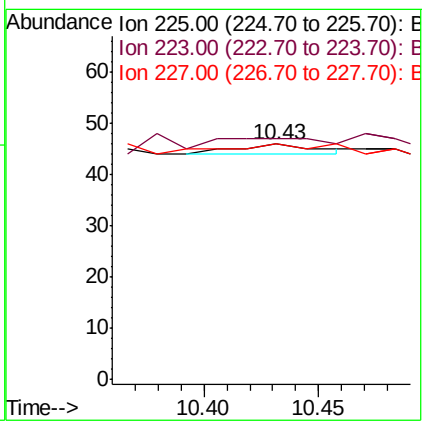


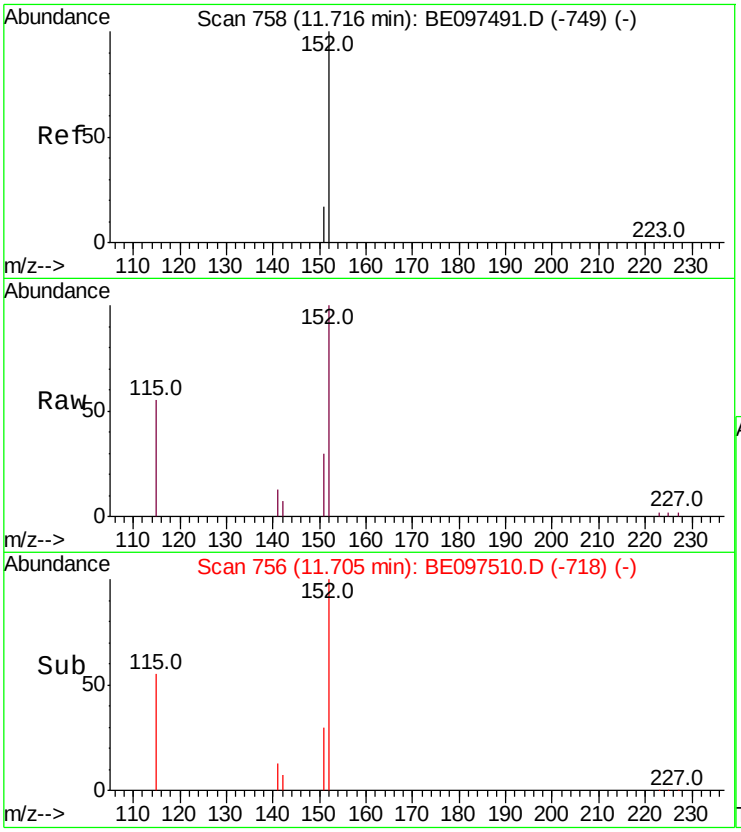


#10
Hexachlorobutadiene
Concen: 0.002 ng
RT: 10.43 min Scan# 635
Delta R.T. -0.03 min
Lab File: BE097510.D
Acq: 17 Sep 2018 00:00

Tgt Ion:225 Resp: 5

Ion	Ratio	Lower	Upper
225	100		
223	0.0	53.0	79.6#
227	100.0	51.4	77.2#



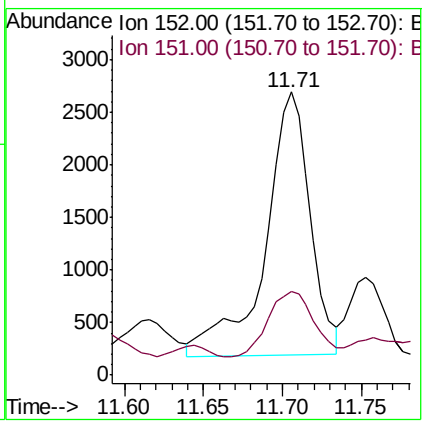


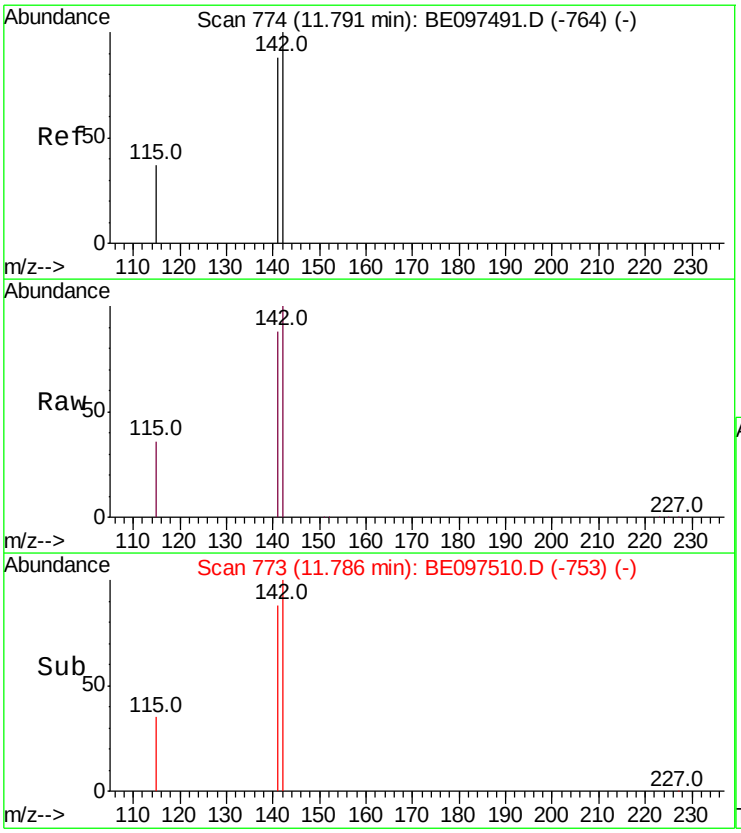
#11
2-Methylnaphthalene-d10
Concen: 0.582 ng
RT: 11.71 min Scan# 756
Delta R.T. -0.01 min
Lab File: BE097510.D
Acq: 17 Sep 2018 00:00

Instrument :
BNA_E
ClientSampleId :
PR-MW-01-091218

Tgt Ion:152 Resp: 4972

Ion	Ratio	Lower	Upper
152	100		
151	25.2	15.4	23.0#

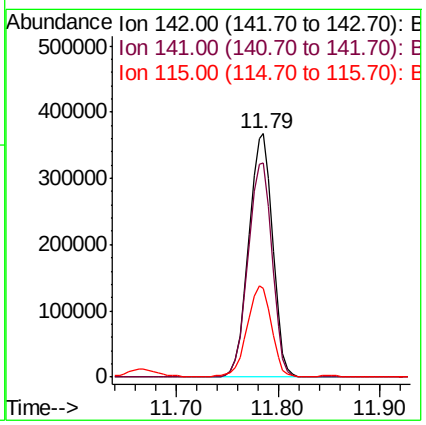


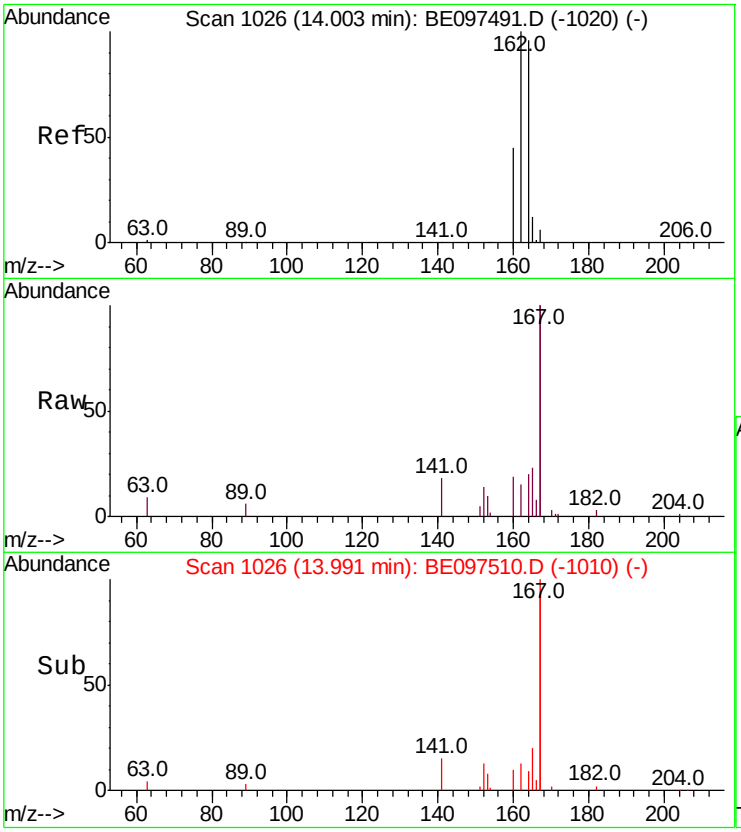


#12
2-Methylnaphthalene
Concen: 68.956 ng
RT: 11.79 min Scan# 773
Delta R.T. -0.01 min
Lab File: BE097510.D
Acq: 17 Sep 2018 00:00

Tgt Ion:142 Resp: 598174

Ion	Ratio	Lower	Upper
142	100		
141	88.1	70.4	105.6
115	36.4	31.7	47.5



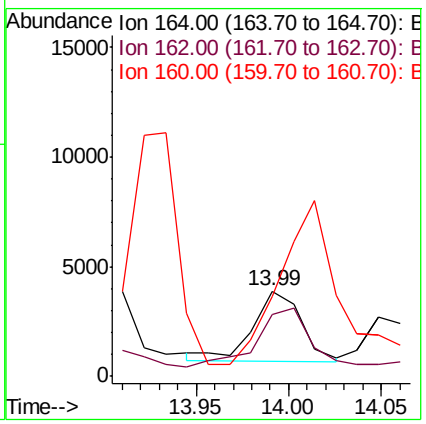


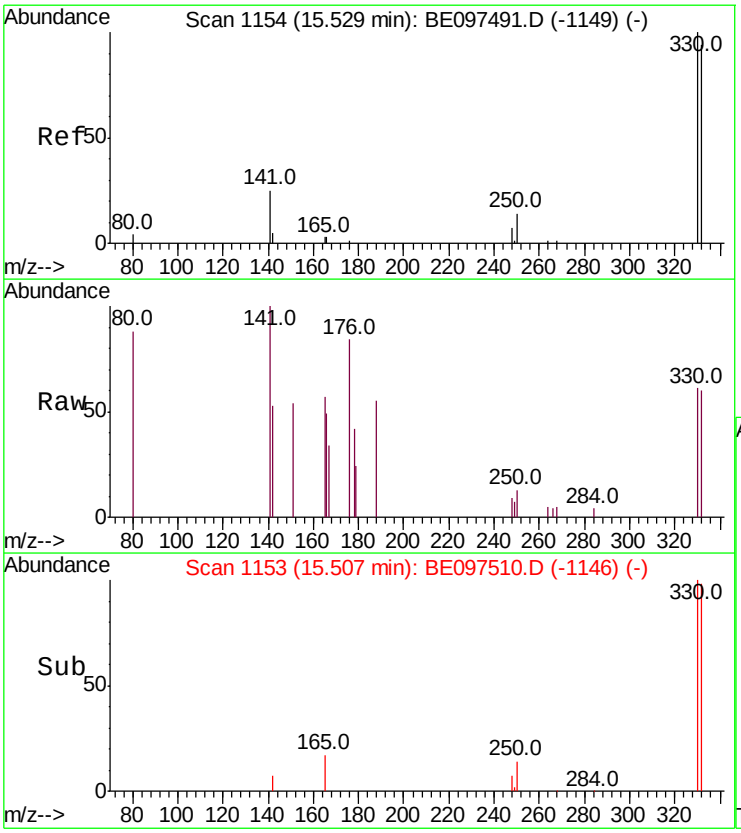
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 13.99 min Scan# 1026
Delta R.T. -0.01 min
Lab File: BE097510.D
Acq: 17 Sep 2018 00:00

Instrument :
BNA_E
ClientSampleId :
PR-MW-01-091218

Tgt Ion:164 Resp: 5782

Ion	Ratio	Lower	Upper
164	100		
162	72.4	83.1	124.7#
160	93.5	37.1	55.7#

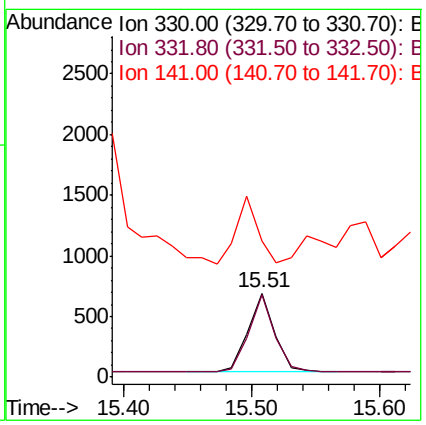


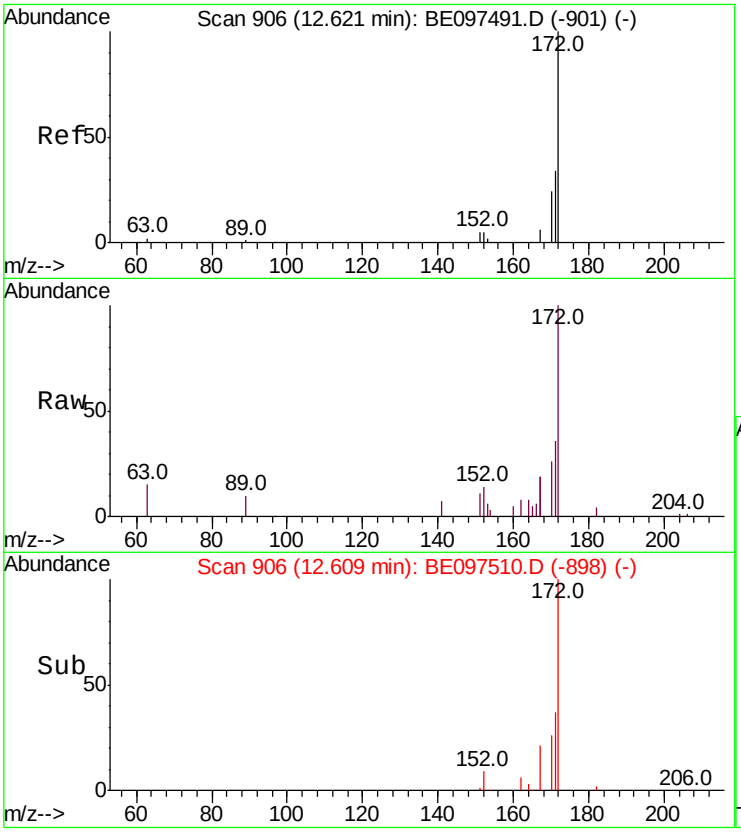


#14
2,4,6-Tribromophenol
Concen: 0.301 ng
RT: 15.51 min Scan# 1153
Delta R.T. -0.02 min
Lab File: BE097510.D
Acq: 17 Sep 2018 00:00

Tgt Ion:330 Resp: 920

Ion	Ratio	Lower	Upper
330	100		
332	96.7	152.7	229.1#
141	70.2	33.7	50.5#



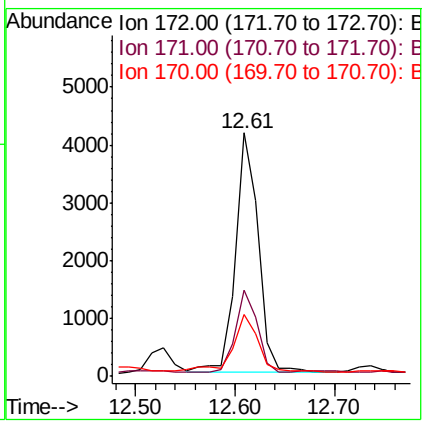


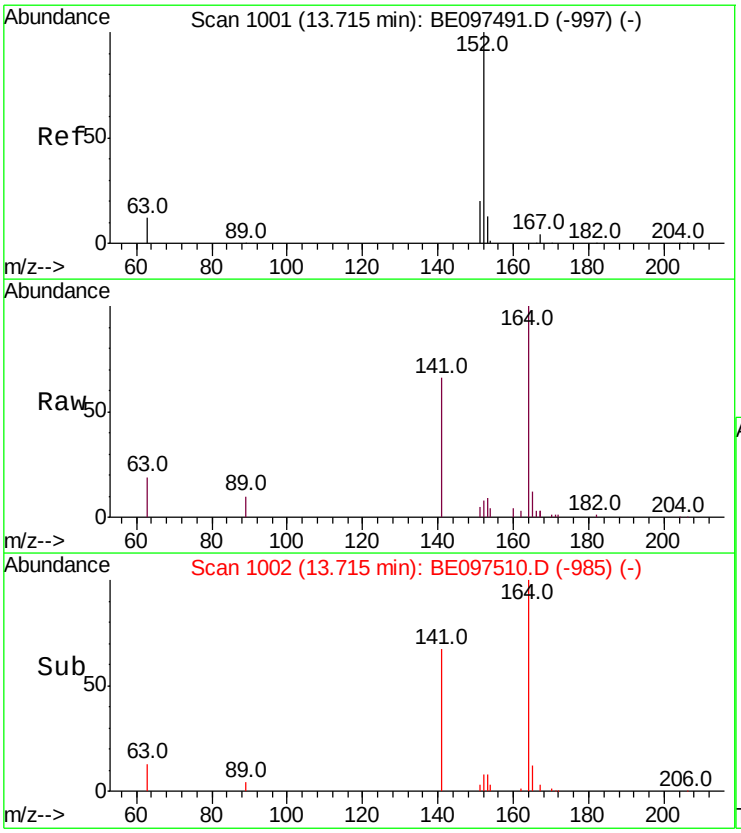
#15
2-Fluorobiphenyl
Concen: 0.323 ng
RT: 12.61 min Scan# 906
Delta R.T. -0.01 min
Lab File: BE097510.D
Acq: 17 Sep 2018 00:00

Instrument :
BNA_E
ClientSampleId :
PR-MW-01-091218

Tgt Ion:172 Resp: 6527

Ion	Ratio	Lower	Upper
172	100		
171	35.6	29.9	44.9
170	25.6	21.8	32.8

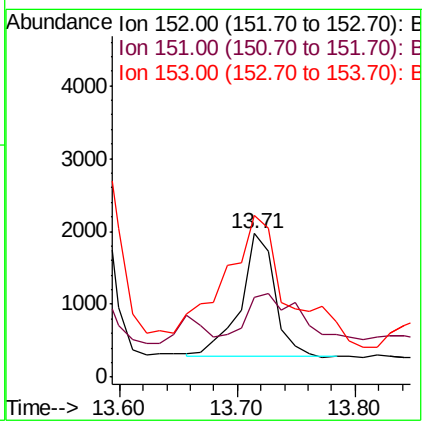


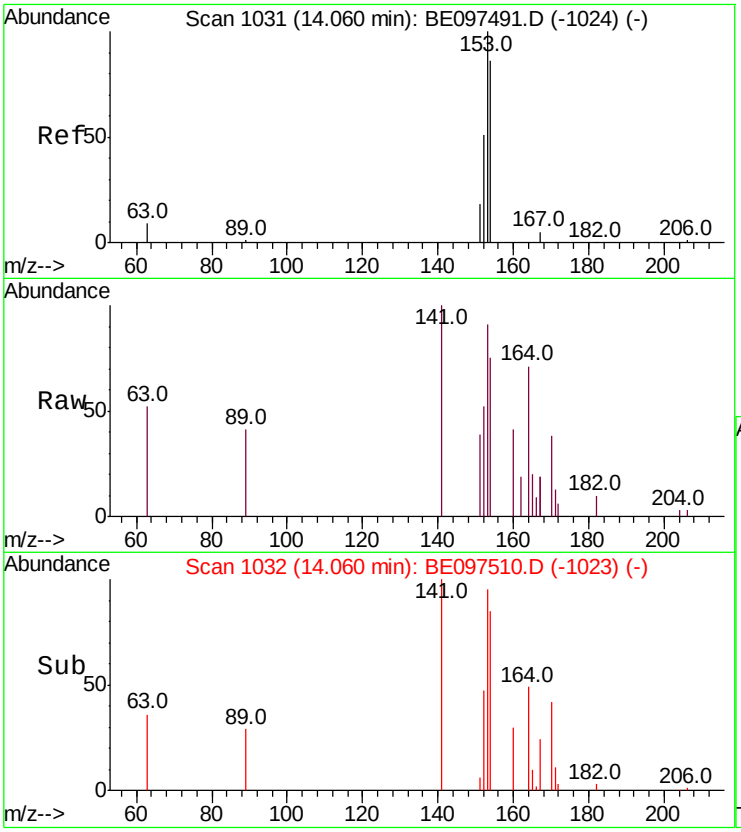


#16
Acenaphthylene
Concen: 0.134 ng
RT: 13.71 min Scan# 1002
Delta R.T. -0.00 min
Lab File: BE097510.D
Acq: 17 Sep 2018 00:00

Tgt Ion:152 Resp: 3378

Ion	Ratio	Lower	Upper
152	100		
151	58.7	15.7	23.5#
153	205.2	10.5	15.7#



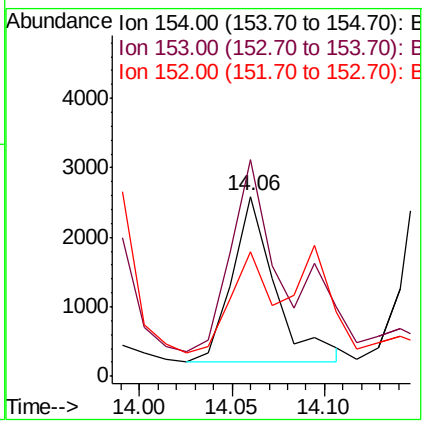


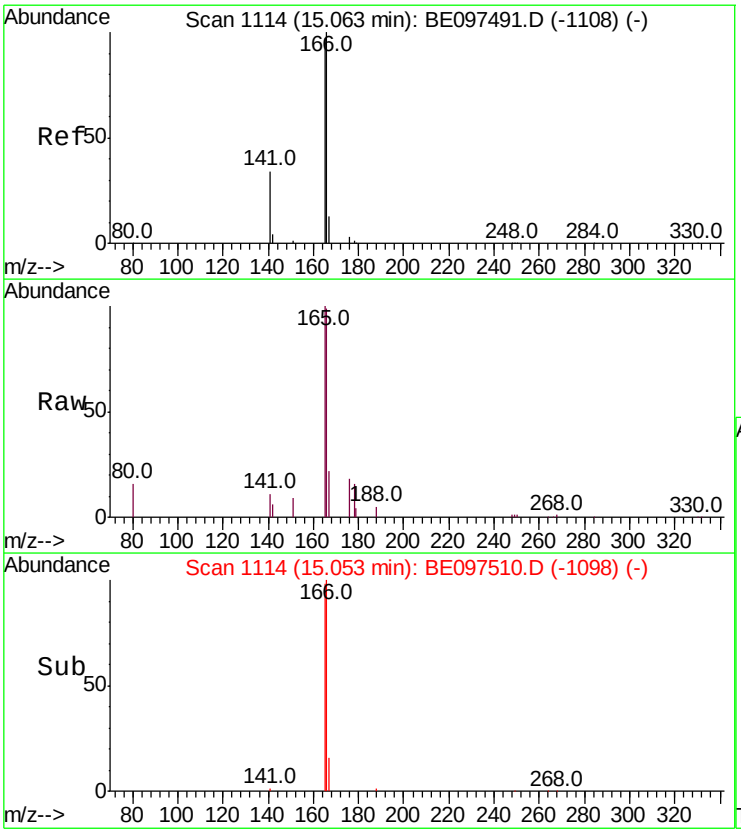
#17
Acenaphthene
Concen: 0.252 ng
RT: 14.06 min Scan# 1032
Delta R.T. -0.00 min
Lab File: BE097510.D
Acq: 17 Sep 2018 00:00

Instrument :
BNA_E
ClientSampleId :
PR-MW-01-091218

Tgt Ion:154 Resp: 3904

Ion	Ratio	Lower	Upper
154	100		
153	143.0	89.2	133.8#
152	52.8	42.0	63.0

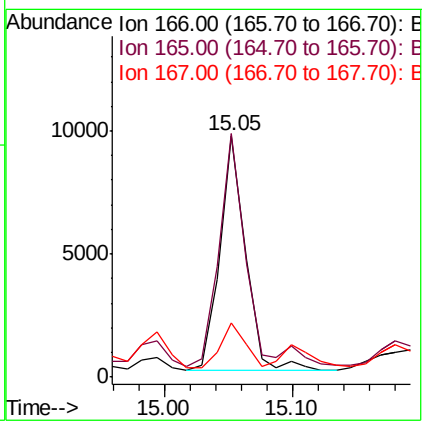


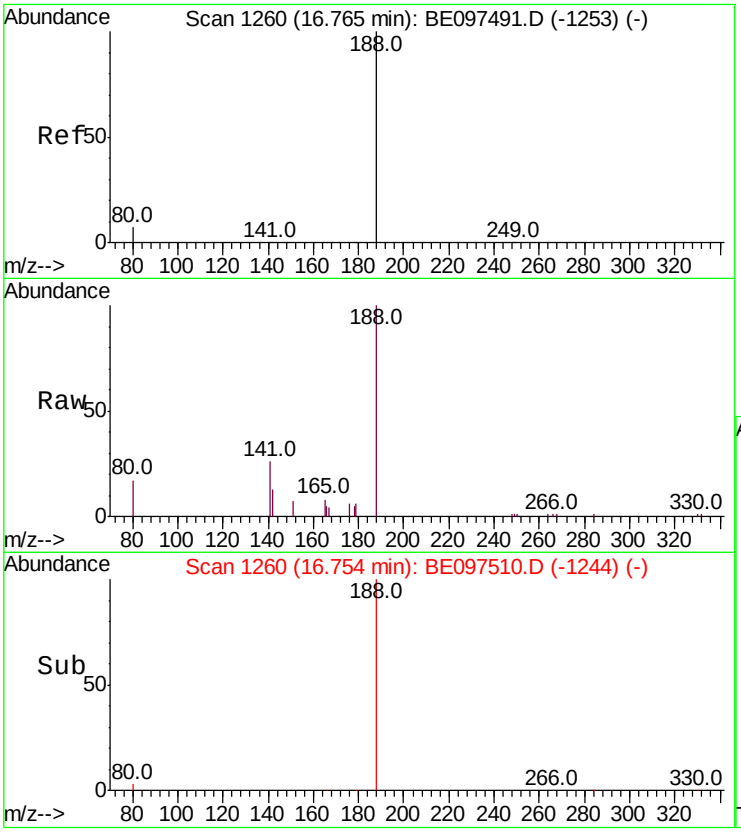


#18
Fluorene
Concen: 0.681 ng
RT: 15.05 min Scan# 1114
Delta R.T. -0.01 min
Lab File: BE097510.D
Acq: 17 Sep 2018 00:00

Tgt Ion:166 Resp: 13479

Ion	Ratio	Lower	Upper
166	100		
165	97.6	77.8	116.6
167	18.3	42.4	63.6#



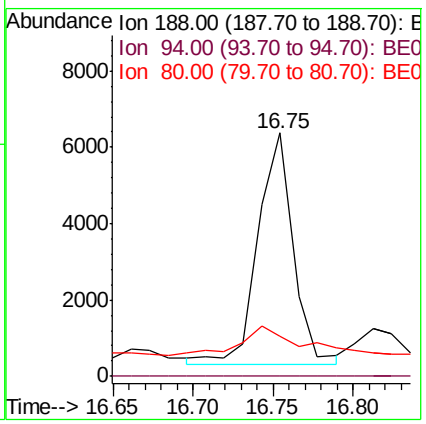


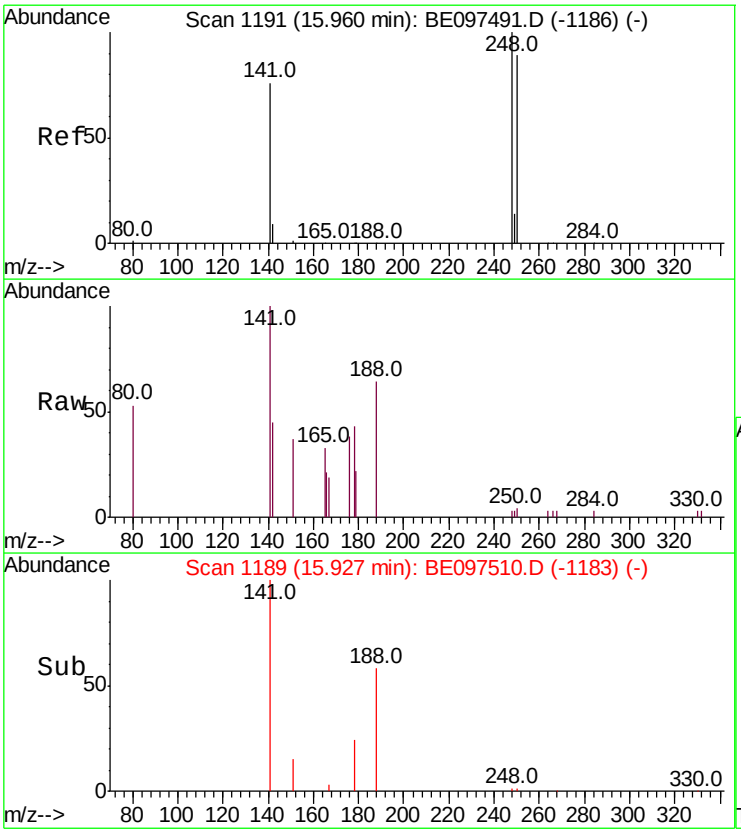
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.75 min Scan# 1260
Delta R.T. -0.01 min
Lab File: BE097510.D
Acq: 17 Sep 2018 00:00

Instrument :
BNA_E
ClientSampleId :
PR-MW-01-091218

Tgt Ion:188 Resp: 9396

Ion	Ratio	Lower	Upper
188	100		
94	0.0	3.9	5.9#
80	16.7	3.6	5.4#

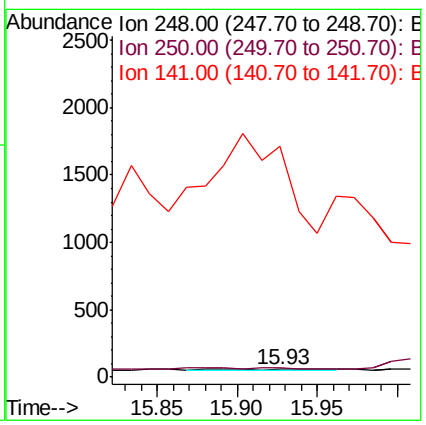


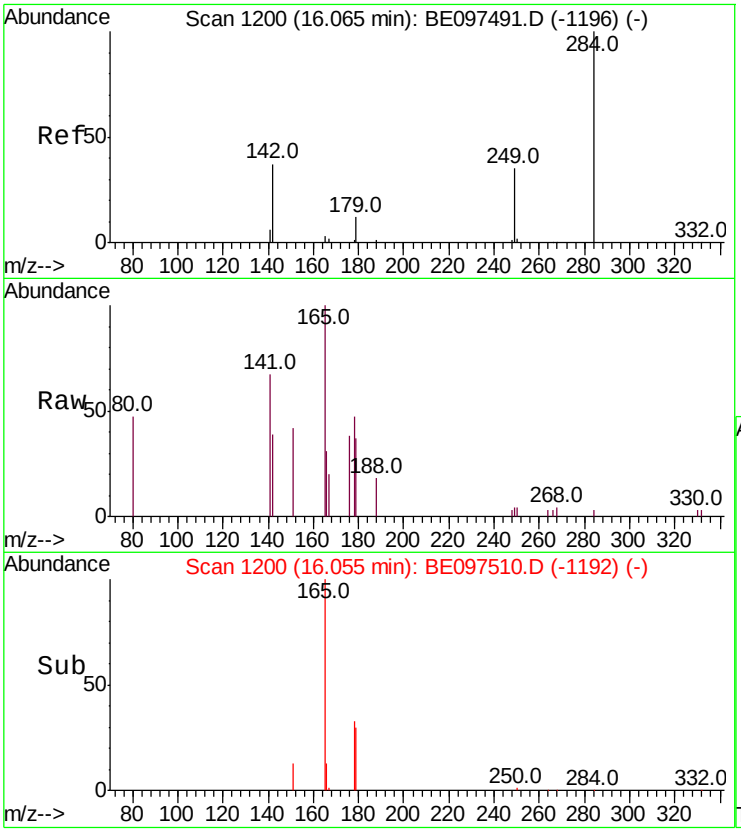


#20
4-Bromophenyl-phenylether
Concen: 0.004 ng
RT: 15.93 min Scan# 1189
Delta R.T. -0.03 min
Lab File: BE097510.D
Acq: 17 Sep 2018 00:00

Tgt Ion:248 Resp: 20

Ion	Ratio	Lower	Upper
248	100		
250	111.9	62.7	94.1#
141	2905.1	48.2	72.2#



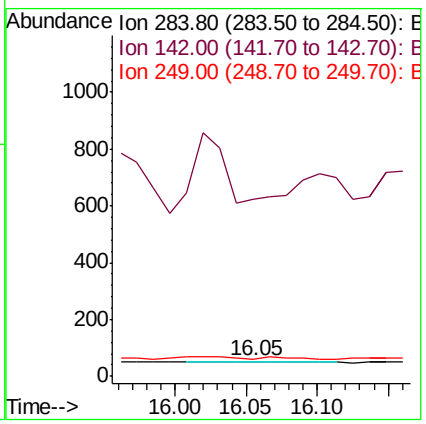


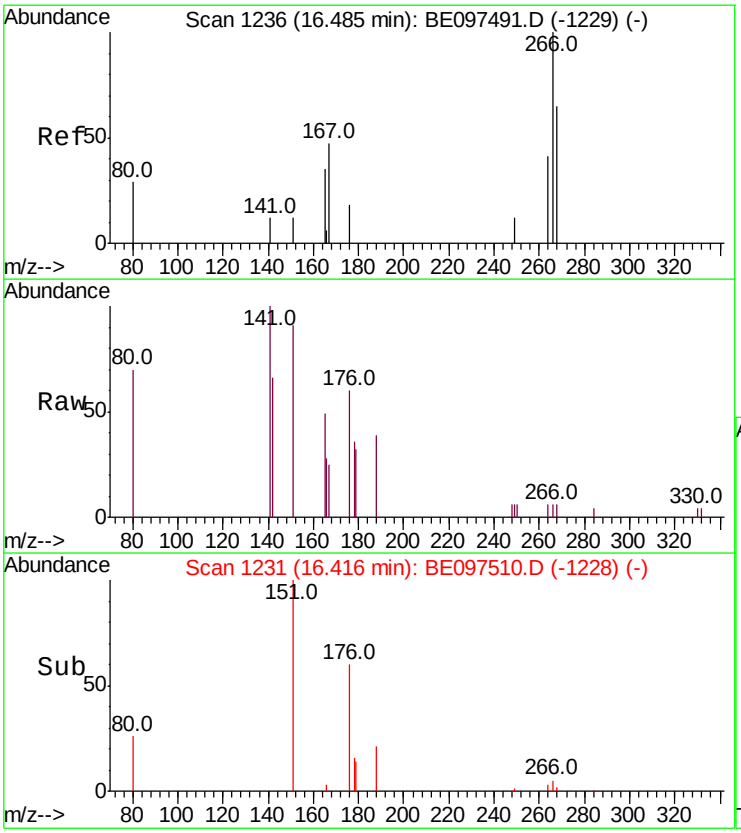
#21
Hexachlorobenzene
Concen: 0.002 ng
RT: 16.05 min Scan# 1200
Delta R.T. -0.01 min
Lab File: BE097510.D
Acq: 17 Sep 2018 00:00

Instrument :
BNA_E
ClientSampleId :
PR-MW-01-091218

Tgt Ion:284 Resp: 10

Ion	Ratio	Lower	Upper
284	100		
142	0.0	22.1	33.1#
249	110.0	34.8	52.2#

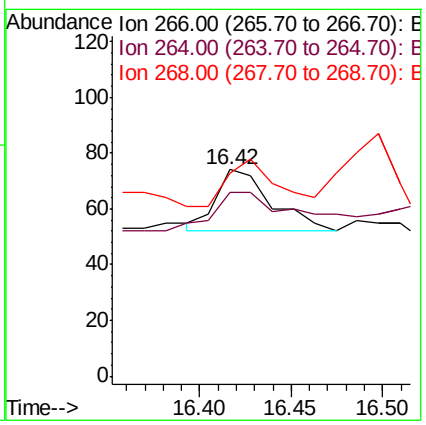


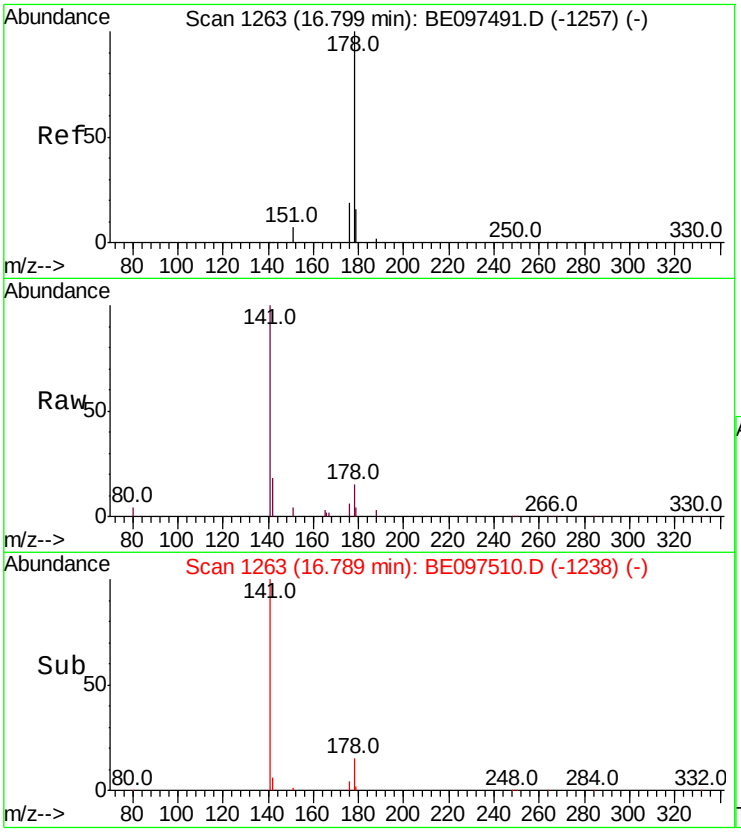


#22
Pentachlorophenol
Concen: 0.120 ng
RT: 16.42 min Scan# 1231
Delta R.T. -0.07 min
Lab File: BE097510.D
Acq: 17 Sep 2018 00:00

Tgt Ion:266 Resp: 47

Ion	Ratio	Lower	Upper
266	100		
264	89.2	72.5	108.7
268	98.6	73.8	110.6



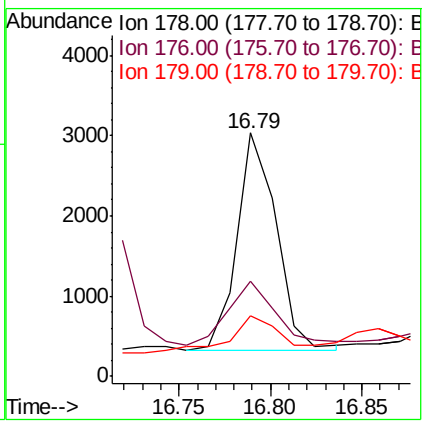


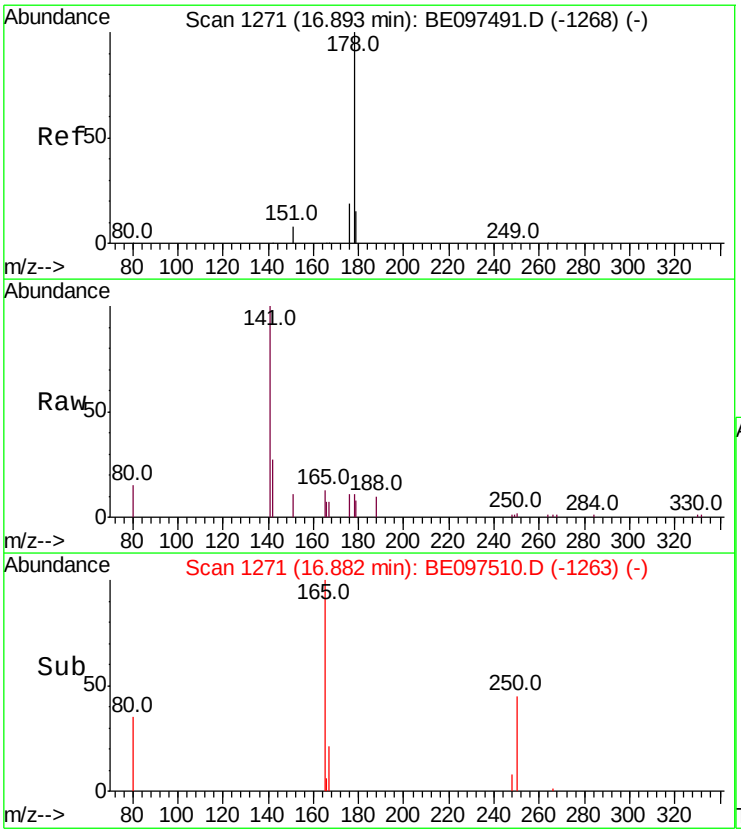
#23
Phenanthrene
Concen: 0.183 ng
RT: 16.79 min Scan# 1263
Delta R.T. -0.01 min
Lab File: BE097510.D
Acq: 17 Sep 2018 00:00

Instrument :
BNA_E
ClientSampleId :
PR-MW-01-091218

Tgt Ion:178 Resp: 4044

Ion	Ratio	Lower	Upper
178	100		
176	35.3	15.1	22.7#
179	23.2	11.8	17.6#

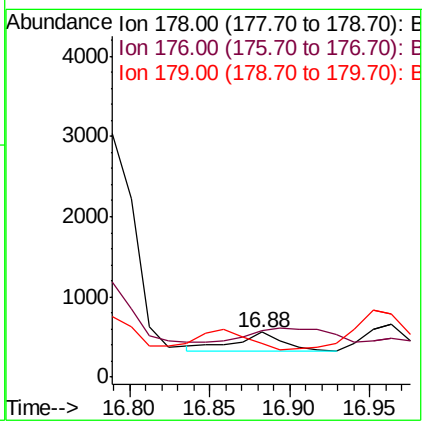


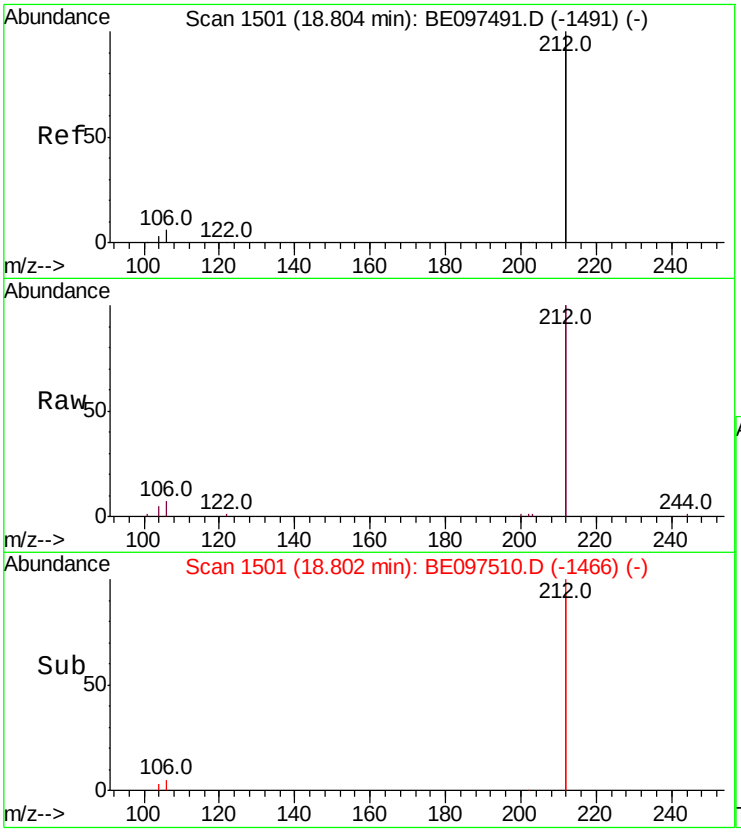


#24
Anthracene
Concen: 0.023 ng
RT: 16.88 min Scan# 1271
Delta R.T. -0.01 min
Lab File: BE097510.D
Acq: 17 Sep 2018 00:00

Tgt Ion:178 Resp: 472

Ion	Ratio	Lower	Upper
178	100		
176	122.5	12.8	19.2#
179	0.0	13.0	19.6#



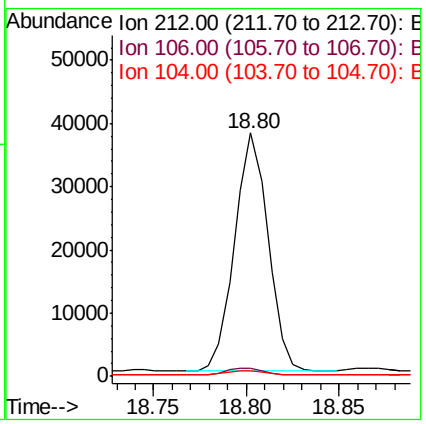


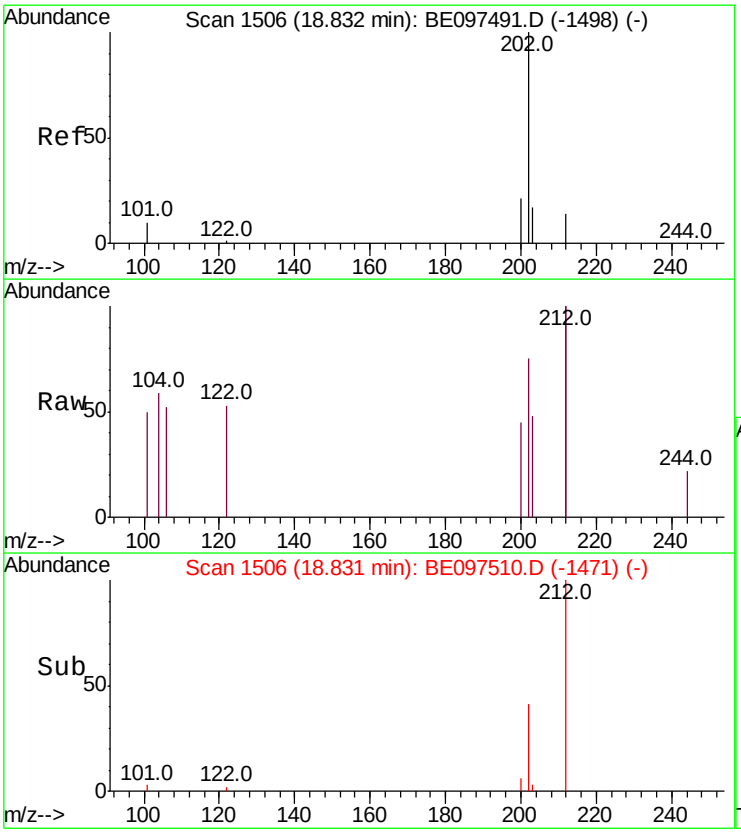
#25
Fluoranthene-d10
Concen: 0.420 ng
RT: 18.80 min Scan# 1501
Delta R.T. -0.00 min
Lab File: BE097510.D
Acq: 17 Sep 2018 00:00

Instrument :
BNA_E
ClientSampleId :
PR-MW-01-091218

Tgt Ion:212 Resp: 47449

Ion	Ratio	Lower	Upper
212	100		
106	3.2	2.8	4.2
104	1.7	1.6	2.4

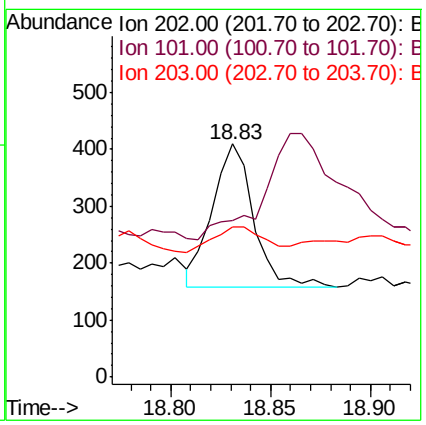


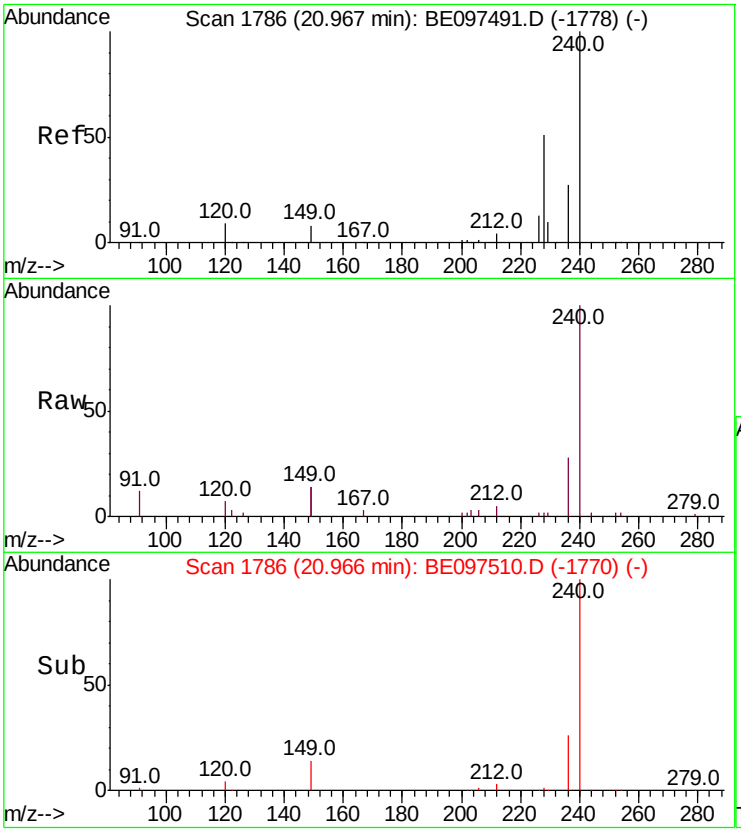


#26
Fluoranthene
Concen: 0.012 ng
RT: 18.83 min Scan# 1506
Delta R.T. -0.00 min
Lab File: BE097510.D
Acq: 17 Sep 2018 00:00

Tgt Ion:202 Resp: 356

Ion	Ratio	Lower	Upper
202	100		
101	0.0	9.8	14.8#
203	23.0	13.7	20.5#



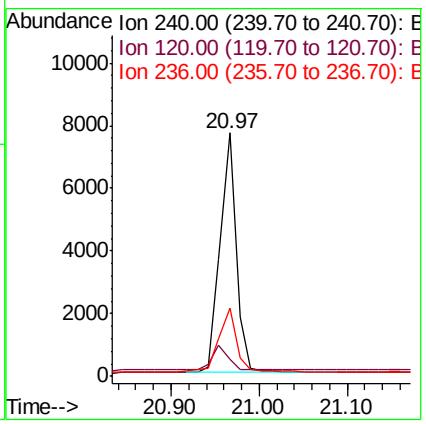


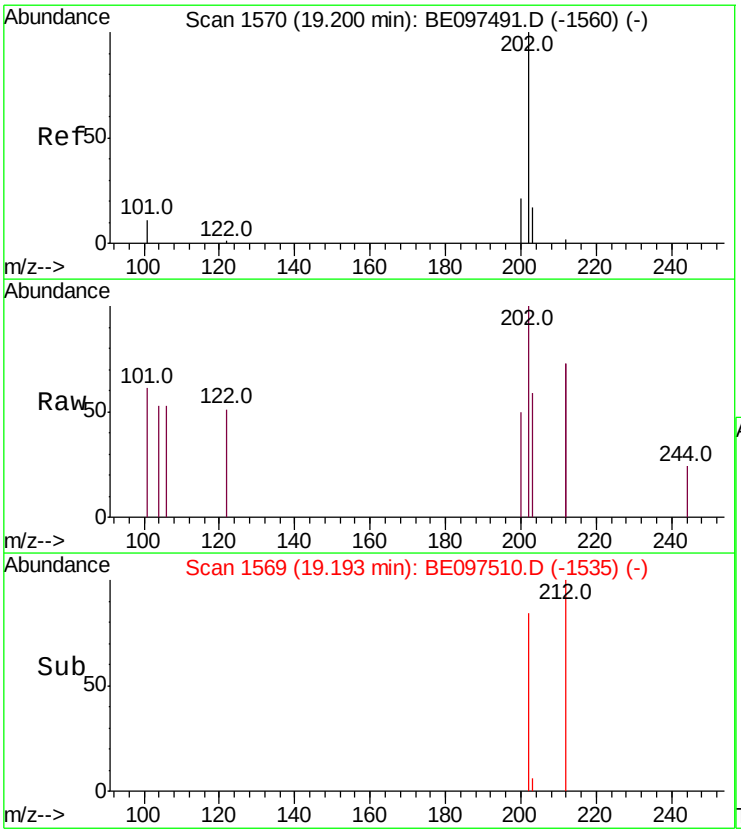
#27
Chrysene-d12
Concen: 0.400 ng
RT: 20.97 min Scan# 1786
Delta R.T. -0.00 min
Lab File: BE097510.D
Acq: 17 Sep 2018 00:00

Instrument :
BNA_E
ClientSampleId :
PR-MW-01-091218

Tgt Ion:240 Resp: 9884

Ion	Ratio	Lower	Upper
240	100		
120	6.9	5.5	8.3
236	27.8	20.7	31.1

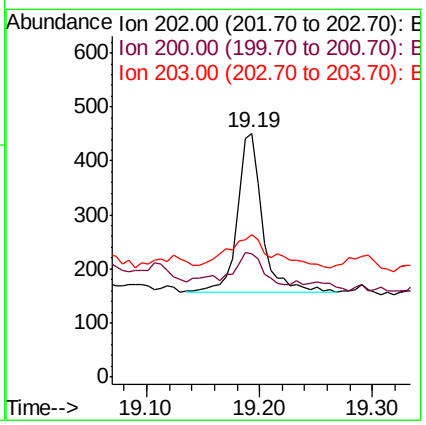


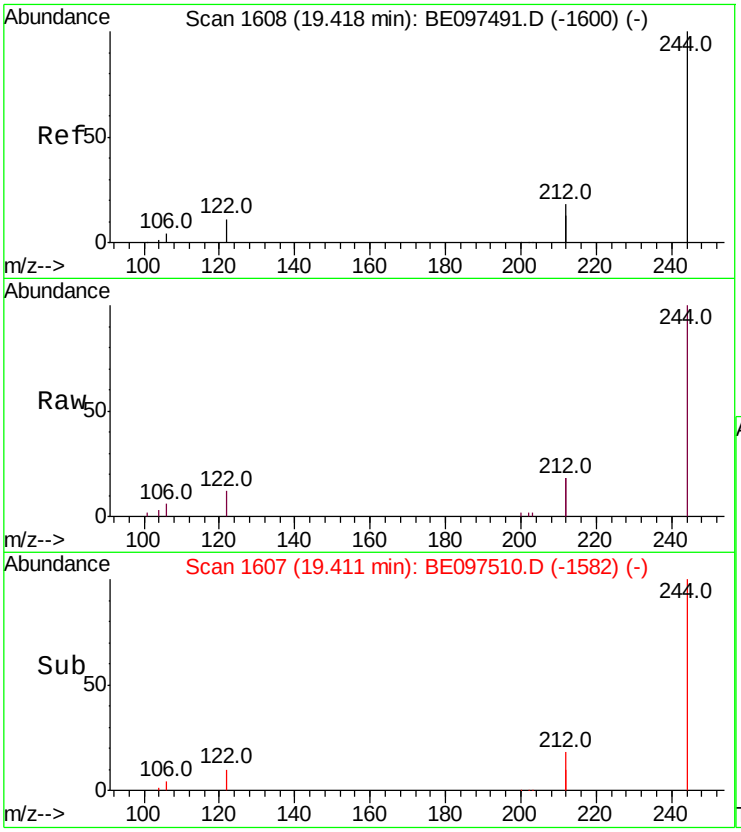


#28
Pyrene
Concen: 0.018 ng
RT: 19.19 min Scan# 1569
Delta R.T. -0.01 min
Lab File: BE097510.D
Acq: 17 Sep 2018 00:00

Tgt Ion:202 Resp: 455

Ion	Ratio	Lower	Upper
202	100		
200	21.5	16.6	25.0
203	35.2	13.8	20.8#



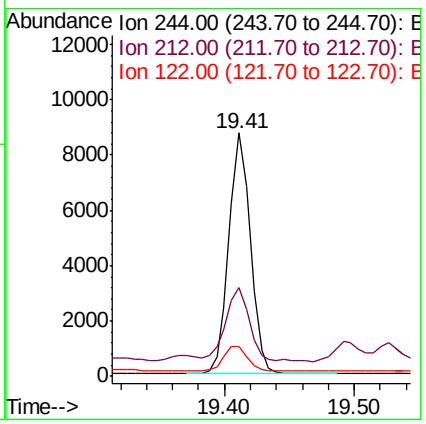


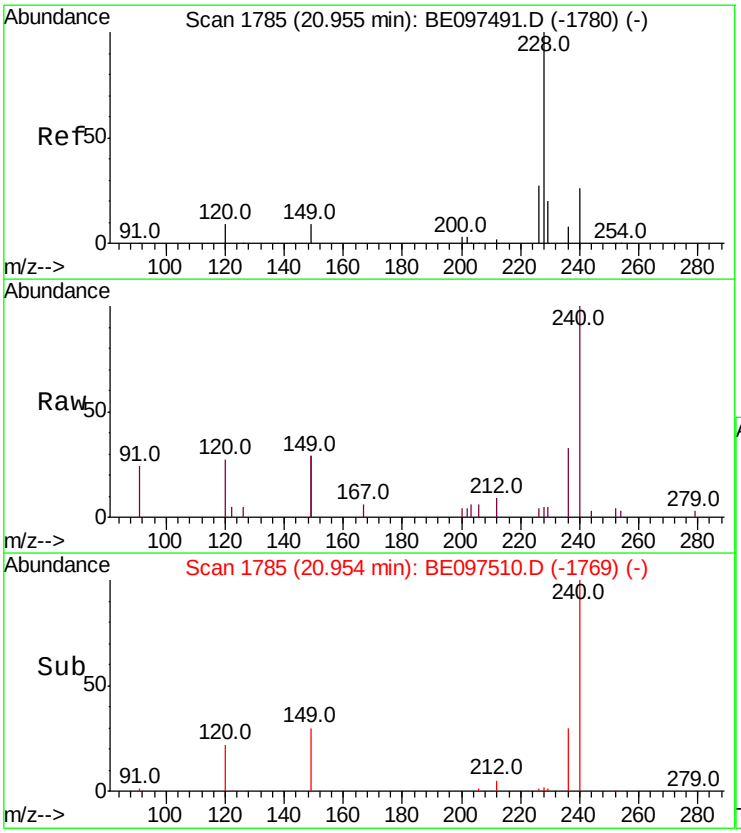
#29
Terphenyl-d14
Concen: 0.527 ng
RT: 19.41 min Scan# 1607
Delta R.T. -0.01 min
Lab File: BE097510.D
Acq: 17 Sep 2018 00:00

Instrument :
BNA_E
ClientSampleId :
PR-MW-01-091218

Tgt Ion:244 Resp: 9959

Ion	Ratio	Lower	Upper
244	100		
212	36.2	25.4	38.0
122	12.2	8.1	12.1#

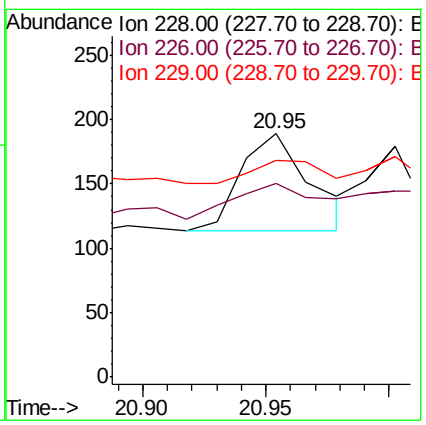


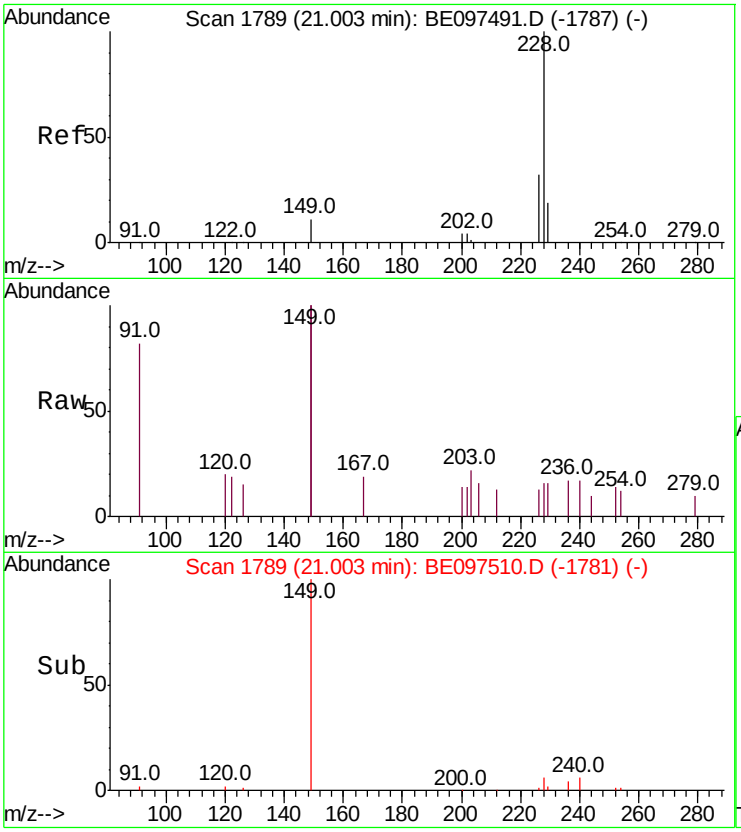


#30
Benzo(a)anthracene
Concen: 0.006 ng
RT: 20.95 min Scan# 1785
Delta R.T. -0.00 min
Lab File: BE097510.D
Acq: 17 Sep 2018 00:00

Tgt Ion:228 Resp: 146

Ion	Ratio	Lower	Upper
228	100		
226	79.4	24.0	36.0#
229	88.9	16.0	24.0#



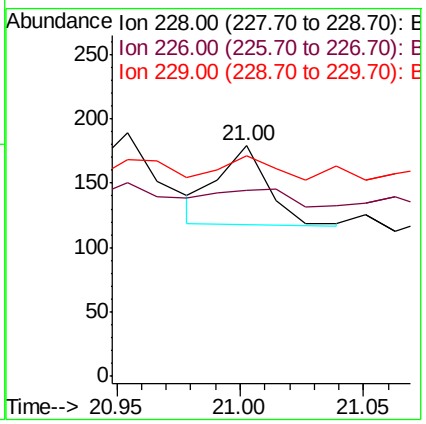


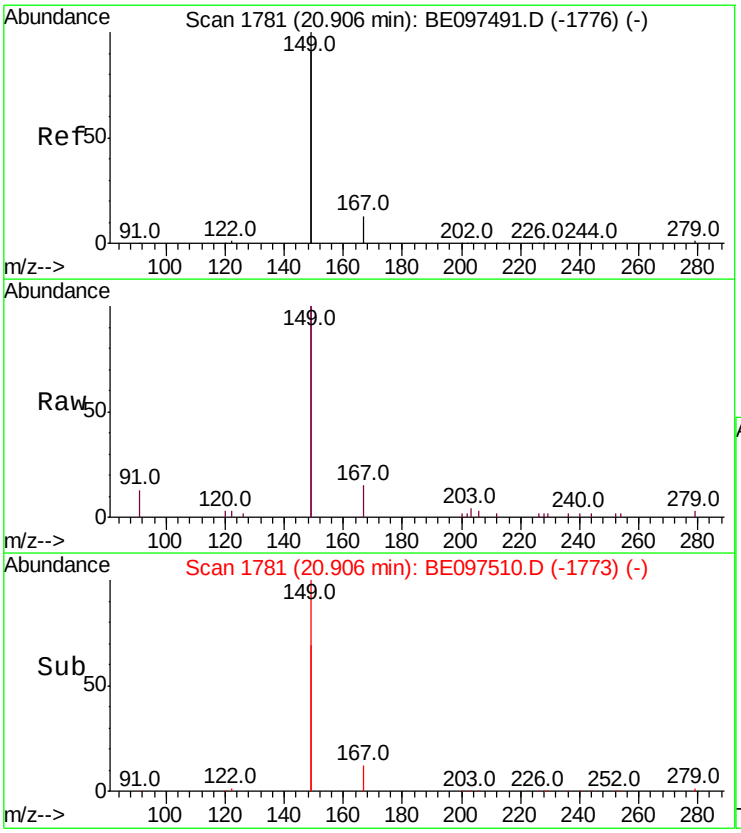
#31
Chrysene
Concen: 0.003 ng
RT: 21.00 min Scan# 1789
Delta R.T. -0.00 min
Lab File: BE097510.D
Acq: 17 Sep 2018 00:00

Instrument :
BNA_E
ClientSampleId :
PR-MW-01-091218

Tgt Ion:228 Resp: 84

Ion	Ratio	Lower	Upper
228	100		
226	80.4	24.0	36.0#
229	95.5	16.0	24.0#

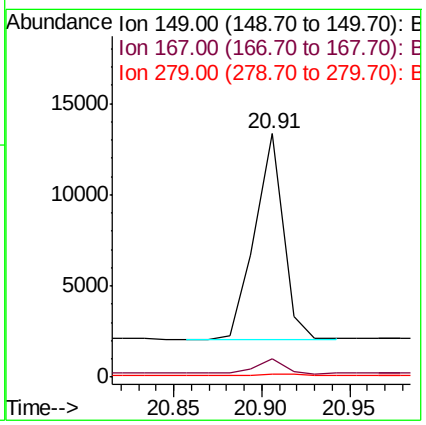


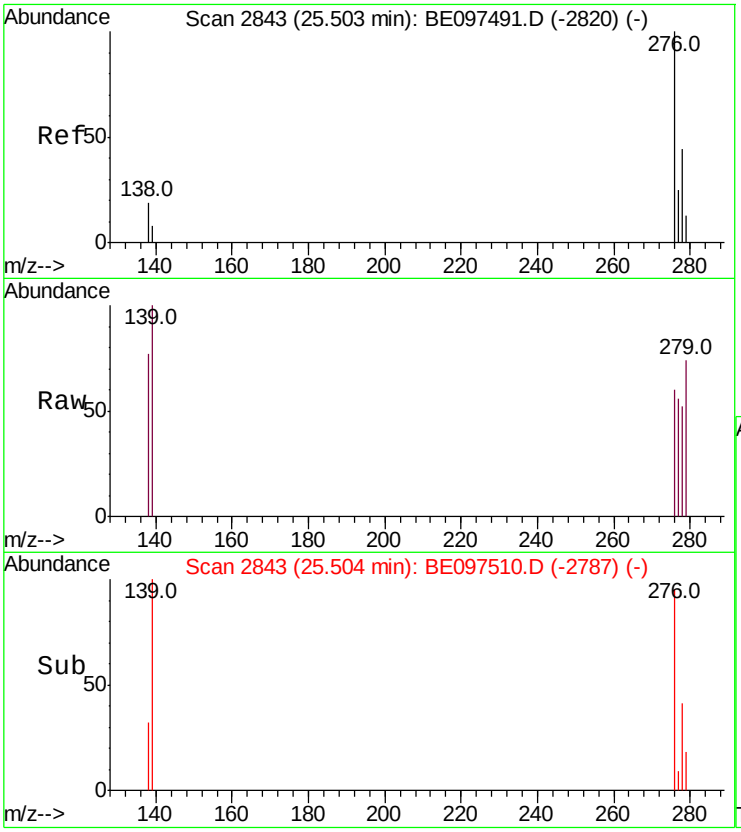


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.232 ng
RT: 20.91 min Scan# 1781
Delta R.T. -0.00 min
Lab File: BE097510.D
Acq: 17 Sep 2018 00:00

Tgt Ion:149 Resp: 12832

Ion	Ratio	Lower	Upper
149	100		
167	6.5	5.4	8.0
279	1.2	0.7	1.1#



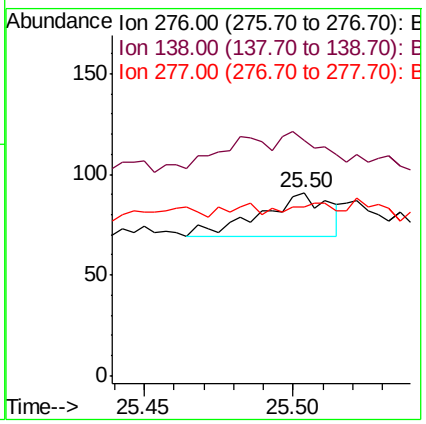


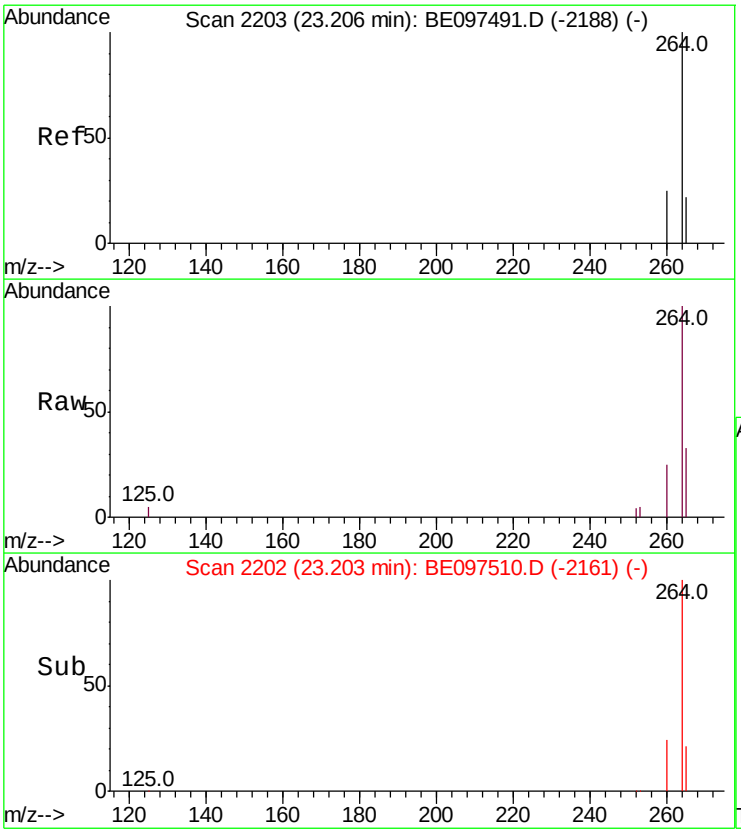
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.001 ng
RT: 25.50 min Scan# 2843
Delta R.T. 0.00 min
Lab File: BE097510.D
Acq: 17 Sep 2018 00:00

Instrument :
BNA_E
ClientSampleId :
PR-MW-01-091218

Tgt Ion:276 Resp: 35

Ion	Ratio	Lower	Upper
276	100		
138	40.0	22.5	33.7#
277	22.9	19.9	29.9

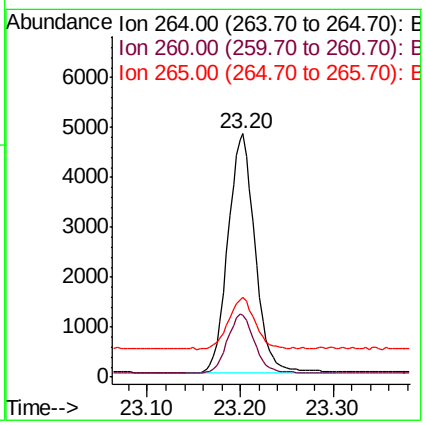


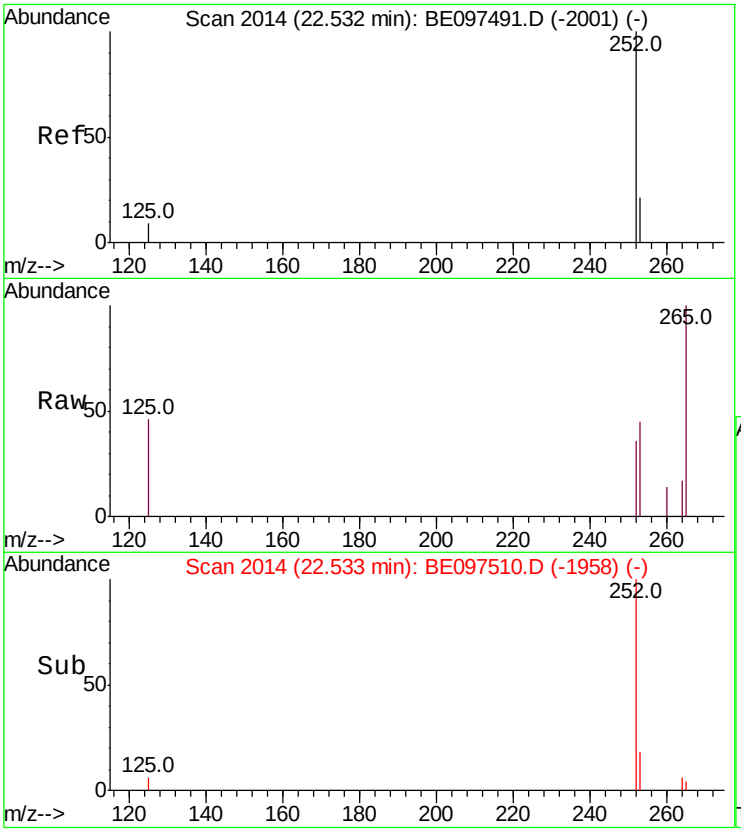


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.20 min Scan# 2202
Delta R.T. -0.00 min
Lab File: BE097510.D
Acq: 17 Sep 2018 00:00

Tgt Ion:264 Resp: 9659

Ion	Ratio	Lower	Upper
264	100		
260	25.4	20.5	30.7
265	32.5	22.8	34.2



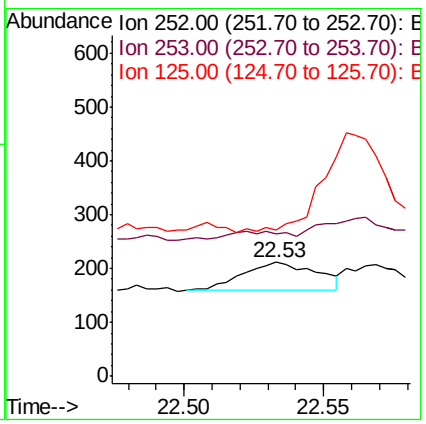


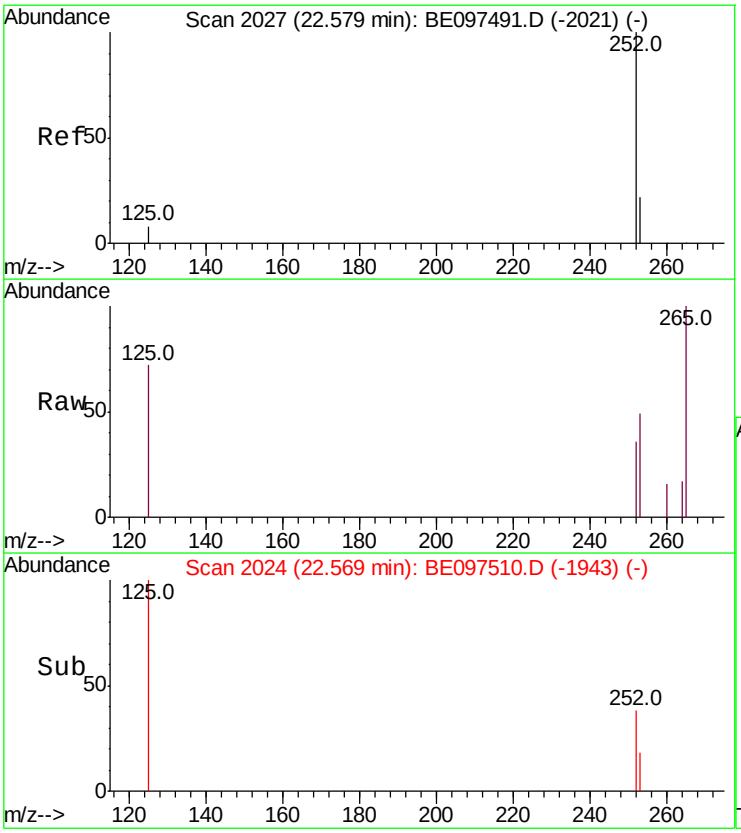
#35
Benzo(b)fluoranthene
Concen: 0.004 ng
RT: 22.53 min Scan# 2014
Delta R.T. 0.00 min
Lab File: BE097510.D
Acq: 17 Sep 2018 00:00

Instrument :
BNA_E
ClientSampleId :
PR-MW-01-091218

Tgt Ion:252 Resp: 95

Ion	Ratio	Lower	Upper
252	100		
253	125.1	20.0	30.0#
125	128.9	16.0	24.0#

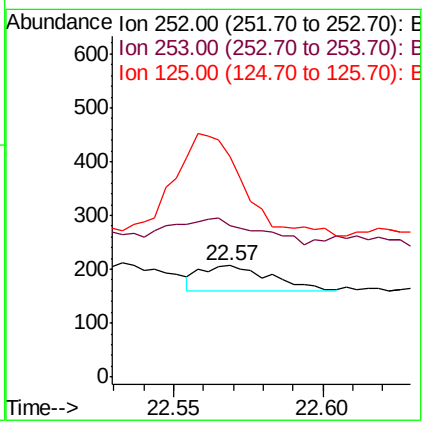


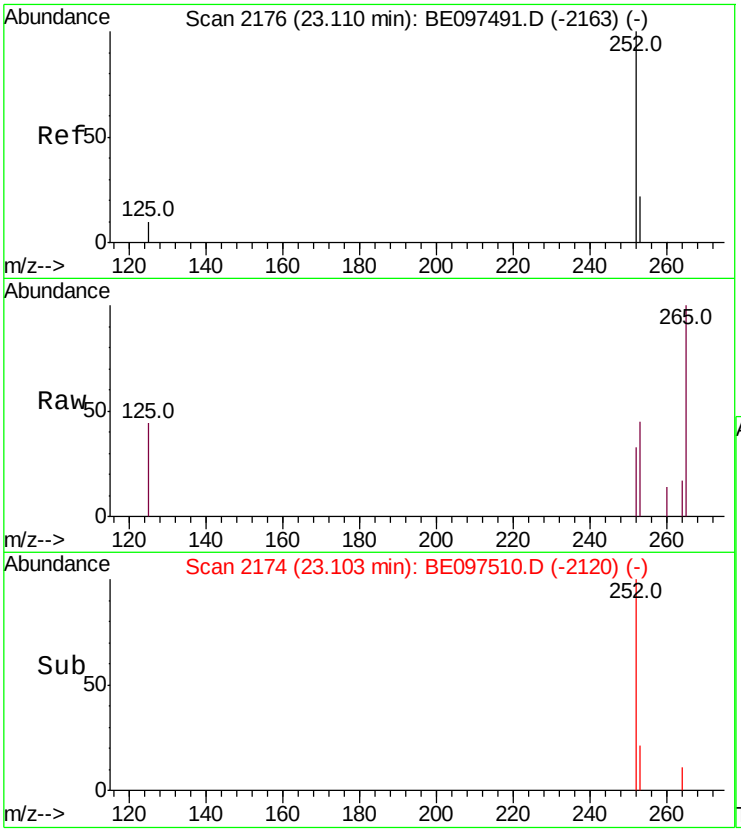


#36
Benzo(k)fluoranthene
Concen: 0.003 ng
RT: 22.57 min Scan# 2024
Delta R.T. -0.01 min
Lab File: BE097510.D
Acq: 17 Sep 2018 00:00

Tgt Ion:252 Resp: 77

Ion	Ratio	Lower	Upper
252	100		
253	135.7	16.0	24.0#
125	197.6	8.0	12.0#



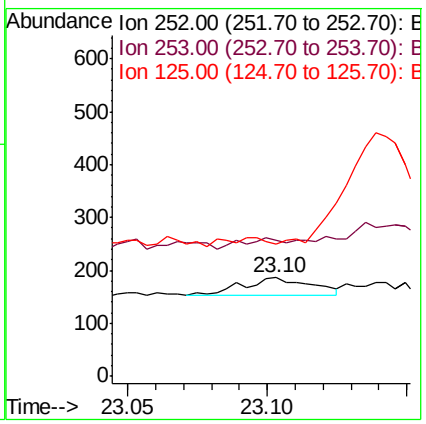


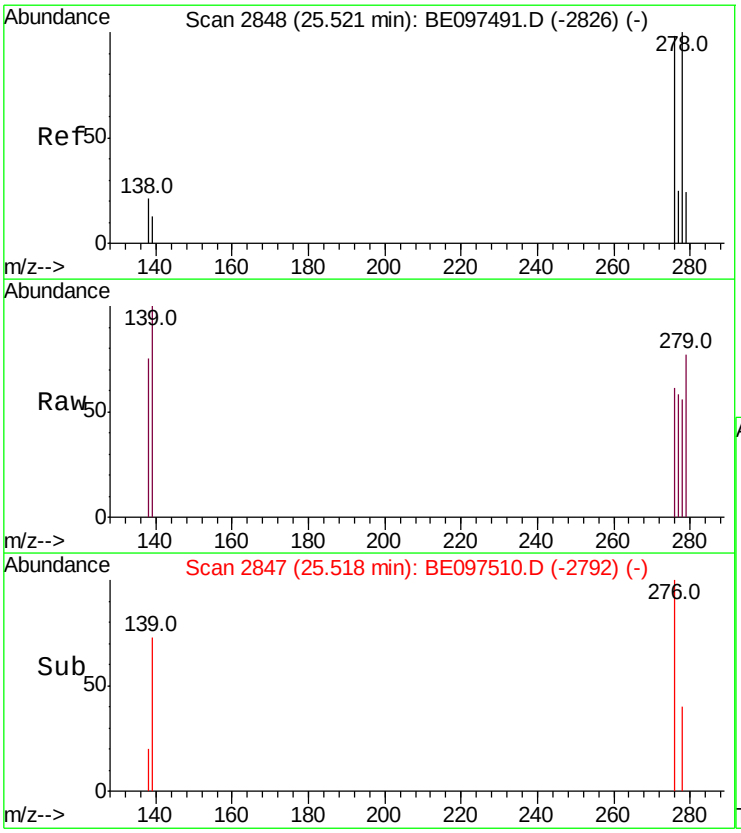
#37
Benzo(a)pyrene
Concen: 0.002 ng
RT: 23.10 min Scan# 2174
Delta R.T. -0.01 min
Lab File: BE097510.D
Acq: 17 Sep 2018 00:00

Instrument :
BNA_E
ClientSampleId :
PR-MW-01-091218

Tgt Ion:252 Resp: 54

Ion	Ratio	Lower	Upper
252	100		
253	138.7	16.0	24.0#
125	134.4	12.0	18.0#

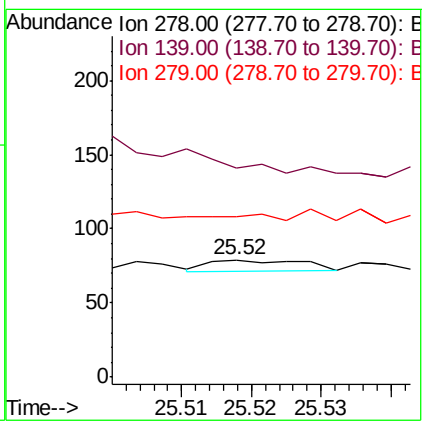


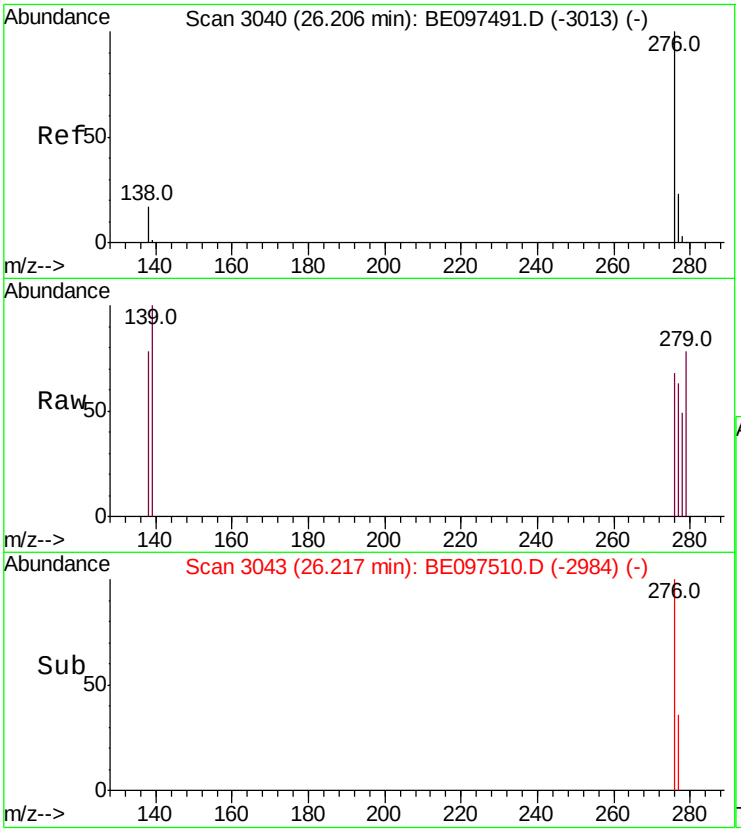


#38
Dibenzo(a,h)anthracene
Concen: 0.000 ng
RT: 25.52 min Scan# 2847
Delta R.T. -0.00 min
Lab File: BE097510.D
Acq: 17 Sep 2018 00:00

Tgt Ion:278 Resp: 7

Ion	Ratio	Lower	Upper
278	100		
139	178.5	16.0	24.0#
279	136.7	20.0	30.0#





#39
Benzo(g,h,i)perylene
Concen: 0.003 ng
RT: 26.22 min Scan# 3043
Delta R.T. 0.01 min
Lab File: BE097510.D
Acq: 17 Sep 2018 00:00

Instrument :
BNA_E
ClientSampleId :
PR-MW-01-091218

Tgt Ion:276 Resp: 74

Ion	Ratio	Lower	Upper
276	100		
277	92.6	16.0	24.0#
138	113.8	20.0	30.0#