Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE102418\
Data File : BE098040.D
Acq On : 24 Oct 2018 16:06
Operator : SJ/JU
Sample : PB114054BL
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : PB114054BL

Quant Time: Oct 25 04:02:33 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE102418.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 24 13:49:35 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.88	152	1025	0.40	ng	0.00
7) Naphthalene-d8	10.68	136	4624	0.40	ng	0.00
13) Acenaphthene-d10	14.54	164	2975	0.40	ng	0.00
19) Phenanthrene-d10	17.29	188	8883	0.40	ng	0.00
27) Chrysene-d12	21.47	240	11496	0.40	ng	0.00
34) Perylene-d12	24.03	264	11469	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.47	112	898	0.29	ng	0.00
5) Phenol-d6	7.06	99	1254	0.24	ng	0.00
8) Nitrobenzene-d5	9.03	82	1281	0.26	ng	0.00
11) 2-Methylnaphthalene-d10	12.28	152	2031	0.25	ng	0.00
14) 2,4,6-Tribromophenol	16.05	330	380	0.25	ng	0.01
15) 2-Fluorobiphenyl	13.16	172	2858	0.24	ng	0.00
25) Fluoranthene-d10	19.32	212	31753	0.28	ng	0.00
29) Terphenyl-d14	19.92	244	9308	0.34	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.43	88	24	0.015	ng	# 13
3) n-Nitrosodimethylamine	3.68	42	51	0.024	ng	# 1
6) bis(2-Chloroethyl)ether	7.31	93	16	0.004	ng	# 1
9) Naphthalene	10.73	128	35	0.001	ng	# 45
10) Hexachlorobutadiene	11.00	225	12	0.004	ng	# 17
16) Acenaphthylene	14.25	152	24	0.002	ng	# 1
17) Acenaphthene	14.63	154	7	0.001	ng	# 1
18) Fluorene	15.58	166	3	0.000	ng	# 9
20) 4-Bromophenyl-phenylether	16.45	248	8	0.001	ng	# 63
21) Hexachlorobenzene	16.60	284	8	0.001	ng	# 34
22) Pentachlorophenol	16.97	266	13	0.028	ng	# 57
23) Phenanthrene	17.36	178	42	0.002	ng	# 1
24) Anthracene	17.42	178	12	0.001	ng	# 61
26) Fluoranthene	19.36	202	20	0.001	ng	# 24
28) Pyrene	19.70	202	34	0.001	ng	# 57
30) Benzo(a)anthracene	21.47	228	102	0.003	ng	# 1
31) Chrysene	21.47	228	59	0.002	ng	# 5
32) Bis(2-ethylhexyl)phthalate	21.38	149	1190	0.015	ng	# 97
33) Indeno(1,2,3-cd)pyrene	26.71	276	8	0.000	ng	# 1
35) Benzo(b)fluoranthene	23.25	252	16	0.001	ng	# 1
36) Benzo(k)fluoranthene	23.30	252	7	0.000	ng	# 1
37) Benzo(a)pyrene	23.92	252	9	0.000	ng	# 1
38) Dibenzo(a,h)anthracene	26.74	278	7	0.000	ng	# 1
39) Benzo(g,h,i)perylene	27.54	276	7	0.000	ng	# 1

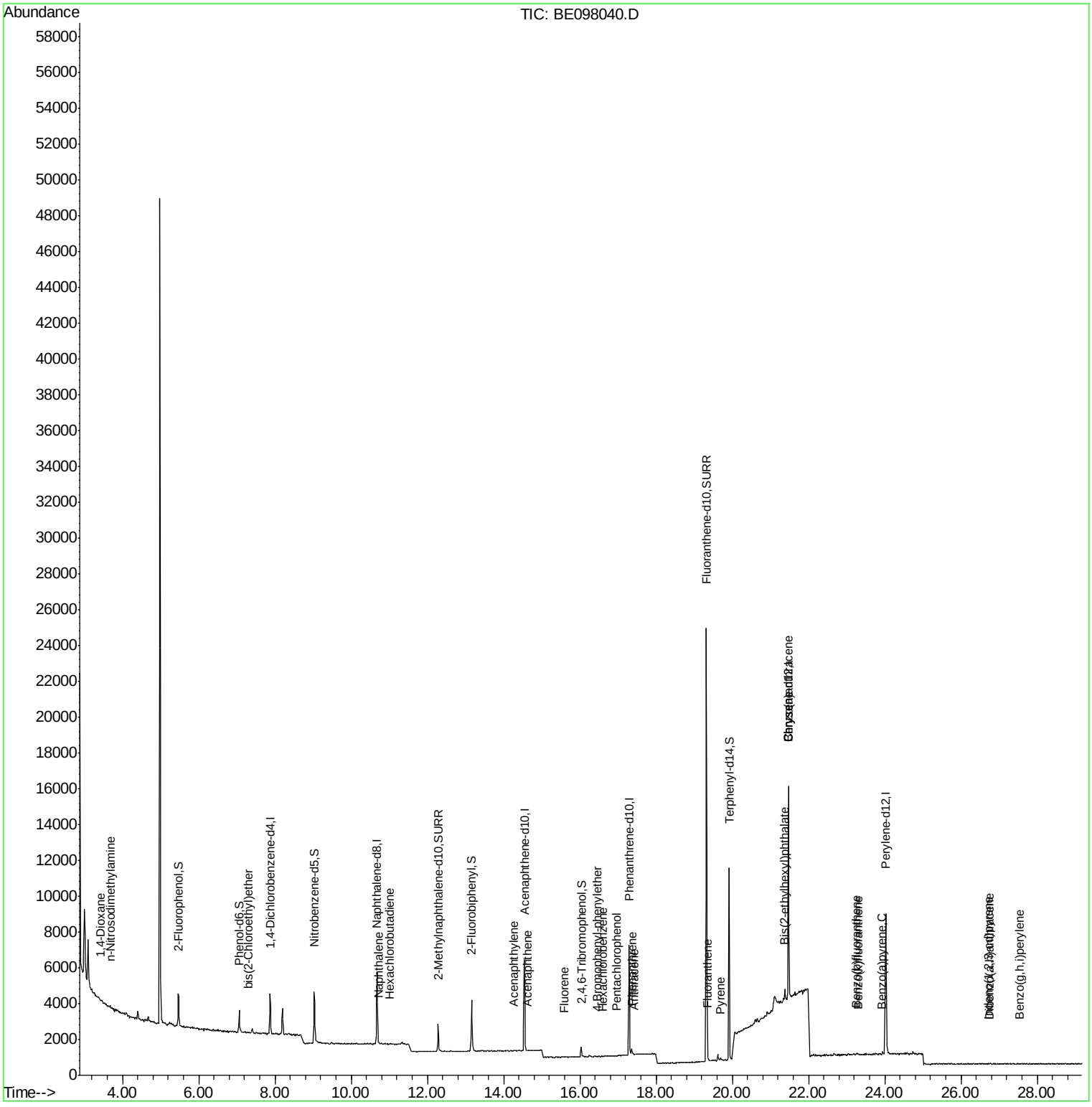
(#) = qualifier out of range (m) = manual integration (+) = signals summed

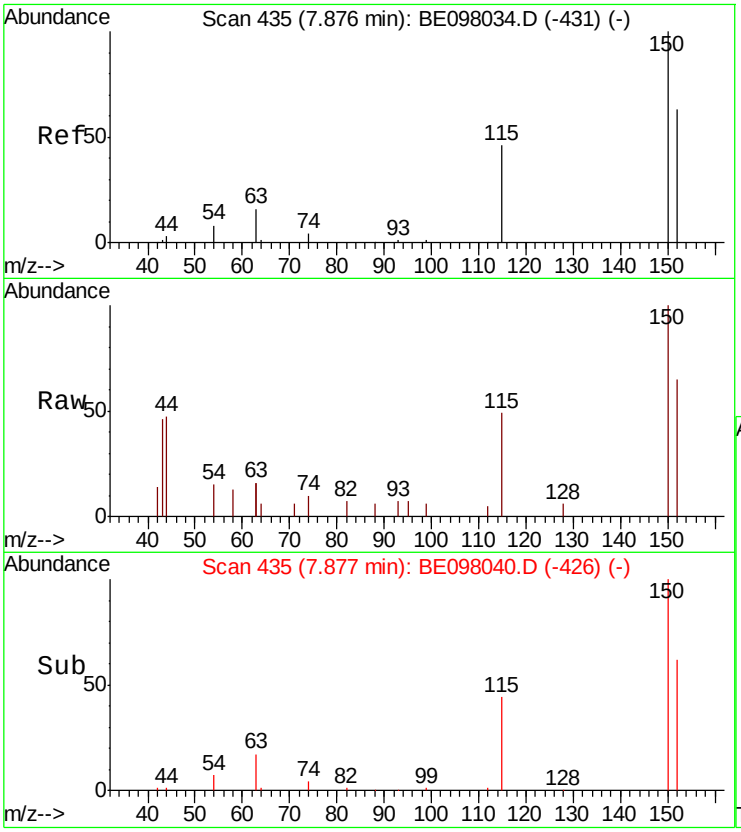
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE102418\
Data File : BE098040.D
Acq On : 24 Oct 2018 16:06
Operator : SJ/JU
Sample : PB114054BL
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
PB114054BL

Quant Time: Oct 25 04:02:33 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE102418.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 24 13:49:35 2018
Response via : Initial Calibration



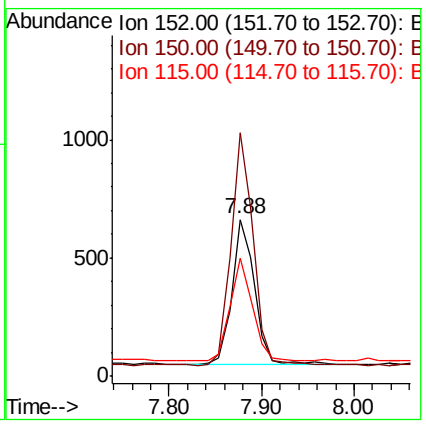


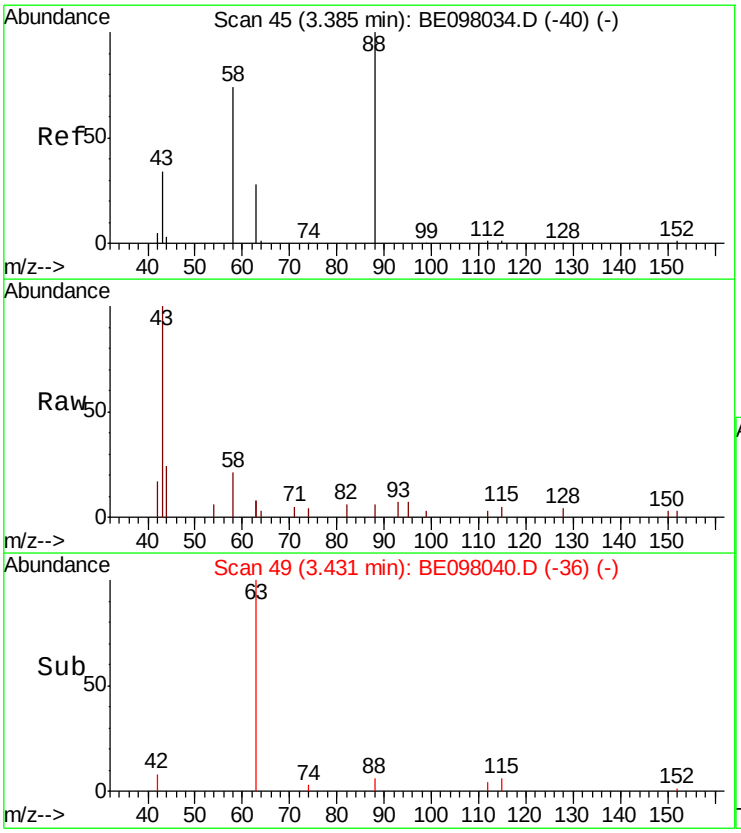
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.88 min Scan# 435
Delta R.T. 0.00 min
Lab File: BE098040.D
Acq: 24 Oct 2018 16:06

Instrument :
BNA_E
ClientSampleId :
PB114054BL

Tgt Ion:152 Resp: 1025

Ion	Ratio	Lower	Upper
152	100		
150	155.0	118.2	177.4
115	75.5	50.9	76.3

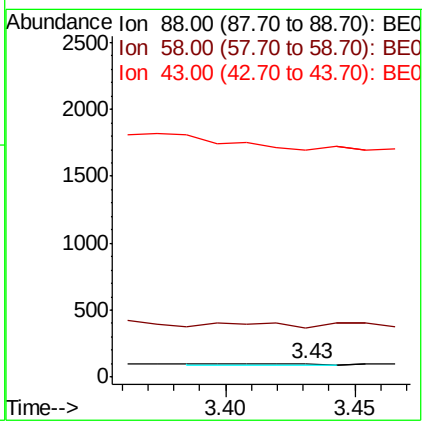


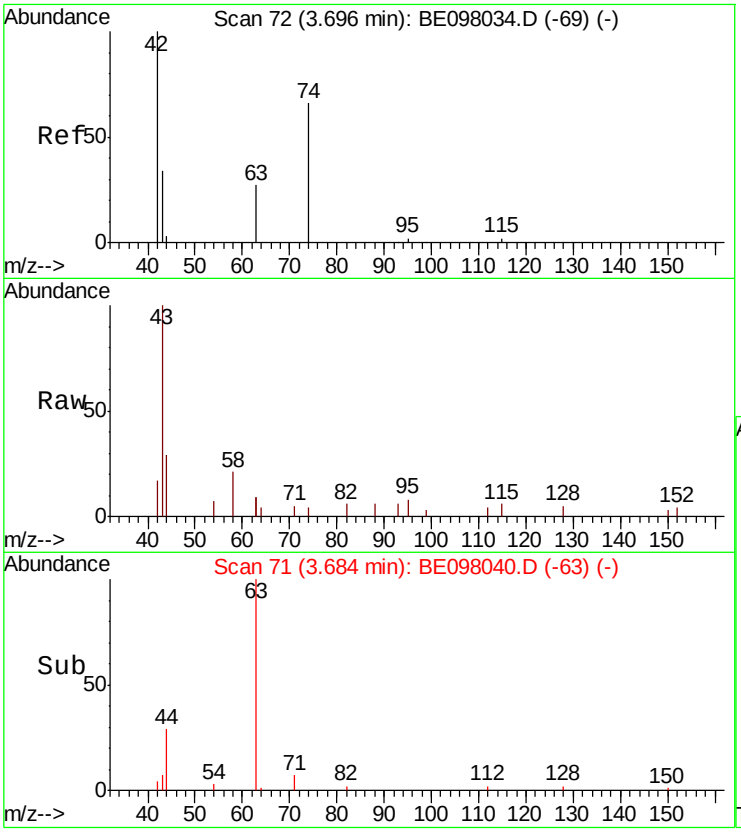


#2
1,4-Dioxane
Concen: 0.015 ng
RT: 3.43 min Scan# 49
Delta R.T. 0.05 min
Lab File: BE098040.D
Acq: 24 Oct 2018 16:06

Tgt Ion: 88 Resp: 24

Ion	Ratio	Lower	Upper
88	100		
58	0.0	73.2	109.8#
43	0.0	36.9	55.3#



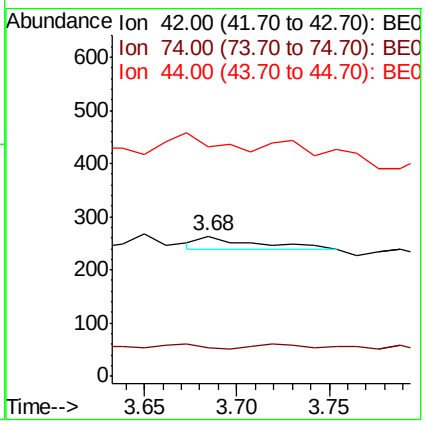


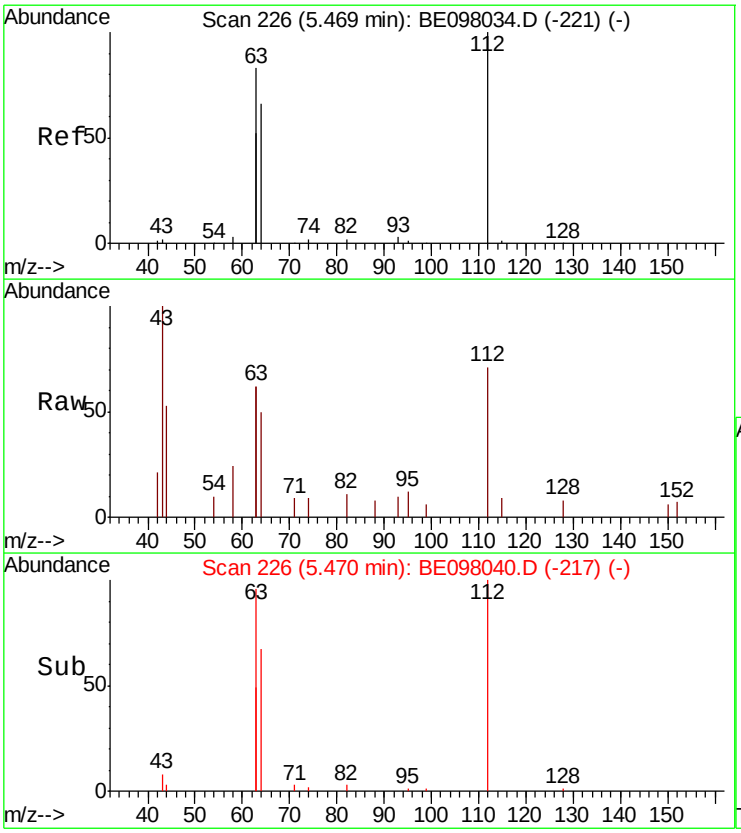
#3
n-Nitrosodimethylamine
Concen: 0.024 ng
RT: 3.68 min Scan# 71
Delta R.T. -0.01 min
Lab File: BE098040.D
Acq: 24 Oct 2018 16:06

Instrument :
BNA_E
ClientSampleId :
PB114054BL

Tgt Ion: 42 Resp: 51

Ion	Ratio	Lower	Upper
42	100		
74	23.5	77.6	116.4#
44	143.1	7.6	11.4#

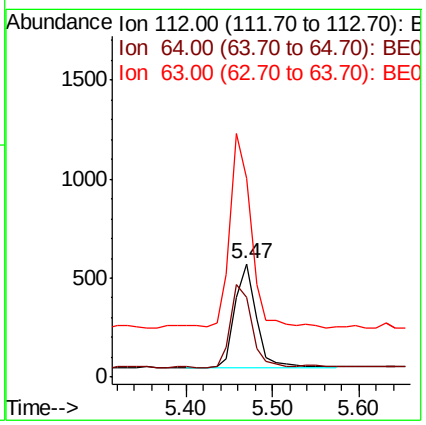


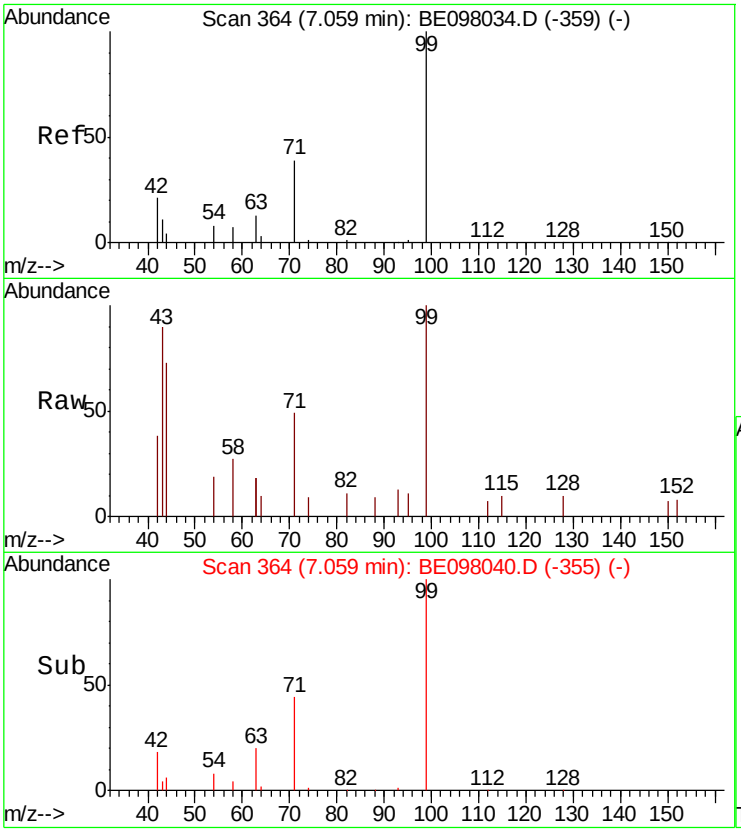


#4
2-Fluorophenol
Concen: 0.289 ng
RT: 5.47 min Scan# 226
Delta R.T. 0.00 min
Lab File: BE098040.D
Acq: 24 Oct 2018 16:06

Tgt Ion:112 Resp: 898

Ion	Ratio	Lower	Upper
112	100		
64	79.2	58.9	88.3
63	182.5	120.3	180.5#



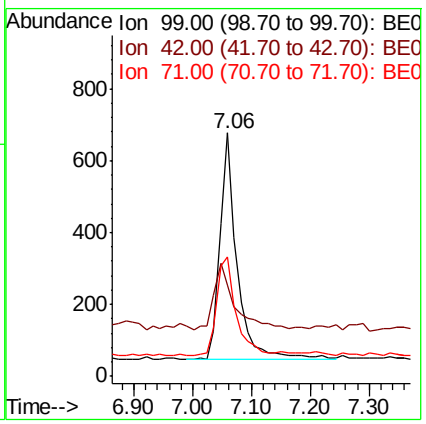


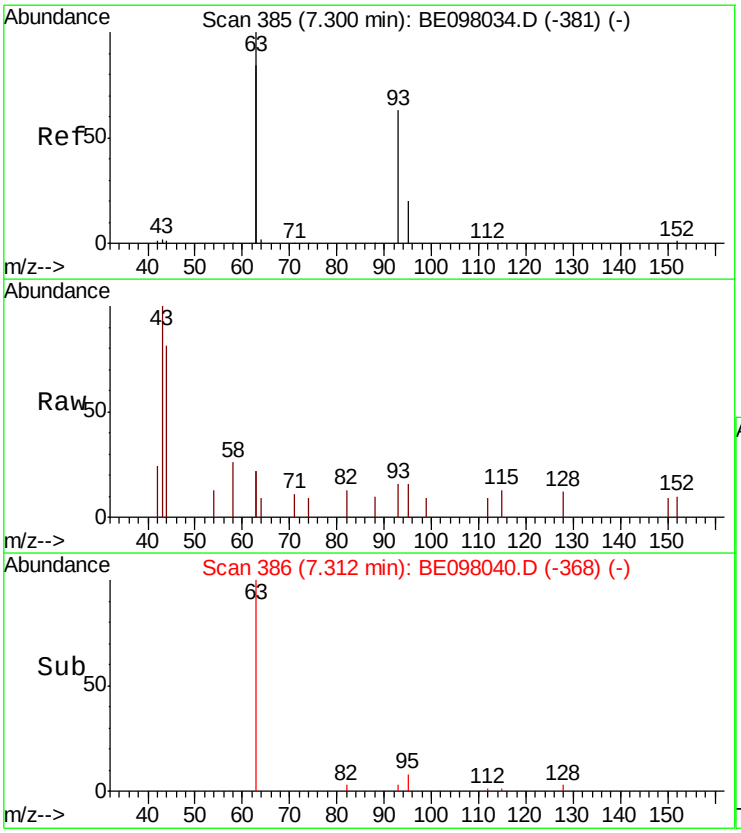
#5
Phenol-d6
Concen: 0.243 ng
RT: 7.06 min Scan# 364
Delta R.T. 0.00 min
Lab File: BE098040.D
Acq: 24 Oct 2018 16:06

Instrument :
BNA_E
ClientSampleId :
PB114054BL

Tgt Ion: 99 Resp: 1254

Ion	Ratio	Lower	Upper
99	100		
42	37.8	19.9	29.9#
71	49.8	27.8	41.8#

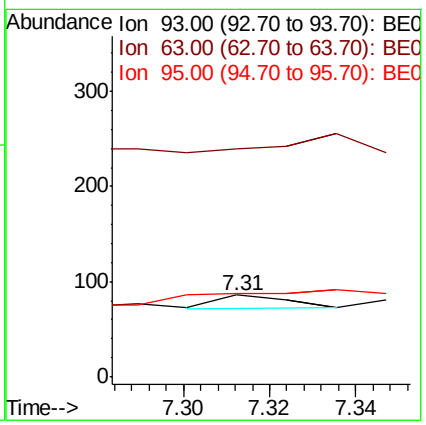


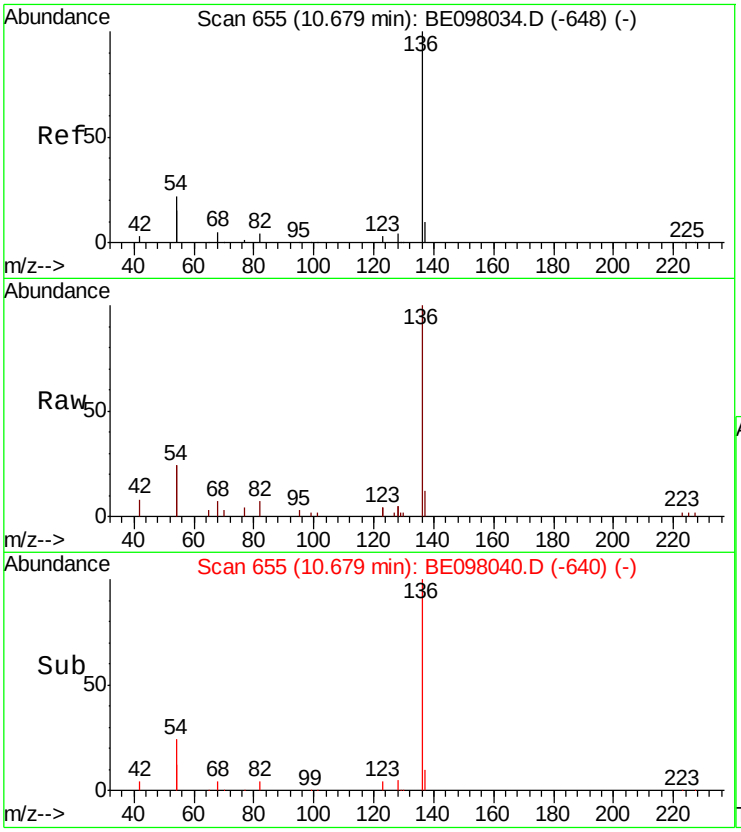


#6
bis(2-Chloroethyl)ether
Concen: 0.004 ng
RT: 7.31 min Scan# 386
Delta R.T. 0.01 min
Lab File: BE098040.D
Acq: 24 Oct 2018 16:06

Tgt Ion: 93 Resp: 16

Ion	Ratio	Lower	Upper
93	100		
63	0.0	259.0	388.4#
95	0.0	27.8	41.8#



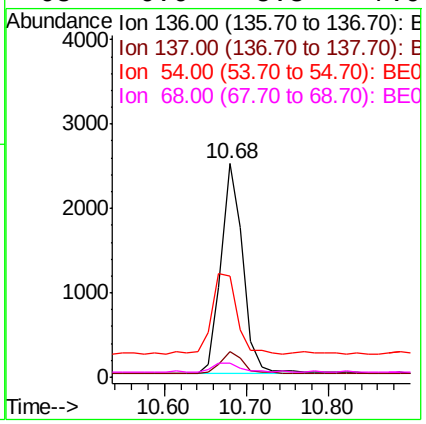


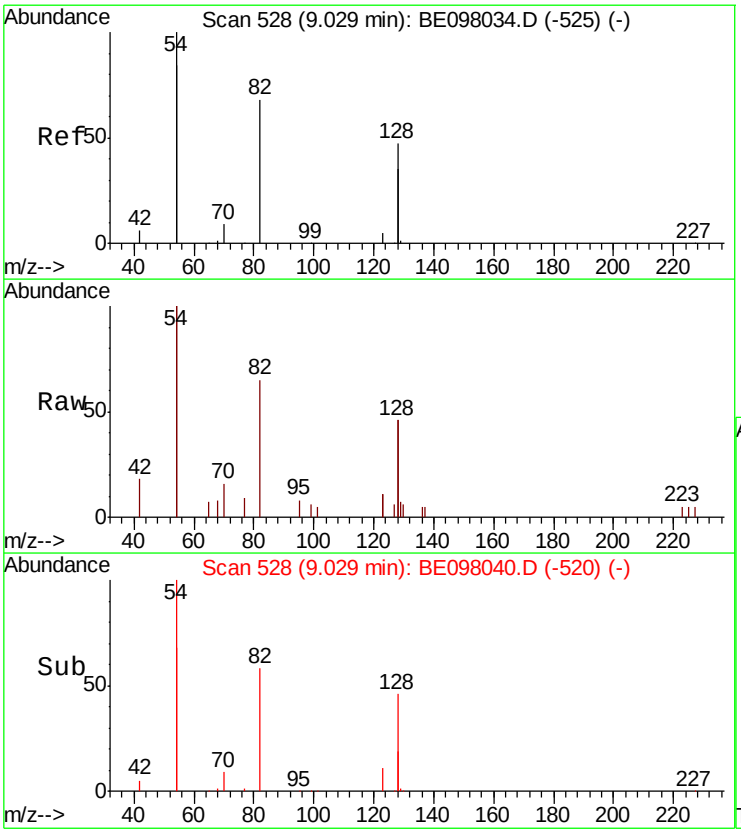
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.68 min Scan# 655
Delta R.T. 0.00 min
Lab File: BE098040.D
Acq: 24 Oct 2018 16:06

Instrument :
BNA_E
ClientSampleId :
PB114054BL

Tgt Ion:136 Resp: 4624

Ion	Ratio	Lower	Upper
136	100		
137	12.2	9.6	14.4
54	47.2	27.7	41.5#
68	6.6	5.3	7.9

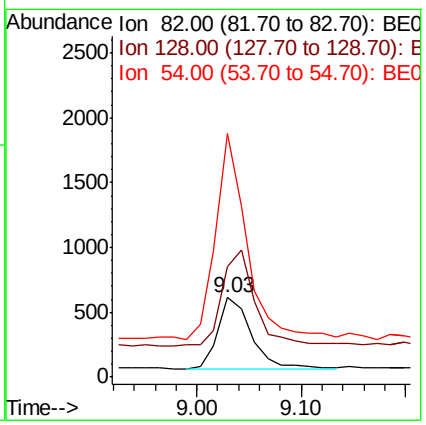


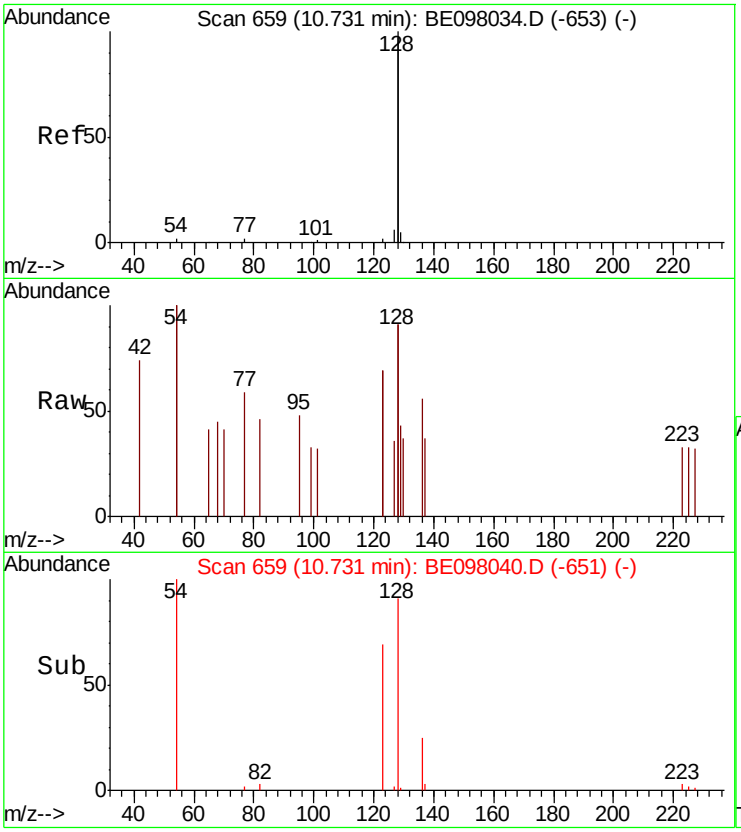


#8
Nitrobenzene-d5
Concen: 0.261 ng
RT: 9.03 min Scan# 528
Delta R.T. 0.00 min
Lab File: BE098040.D
Acq: 24 Oct 2018 16:06

Tgt Ion: 82 Resp: 1281

Ion	Ratio	Lower	Upper
82	100		
128	139.9	129.9	194.9
54	306.9	174.0	261.0#



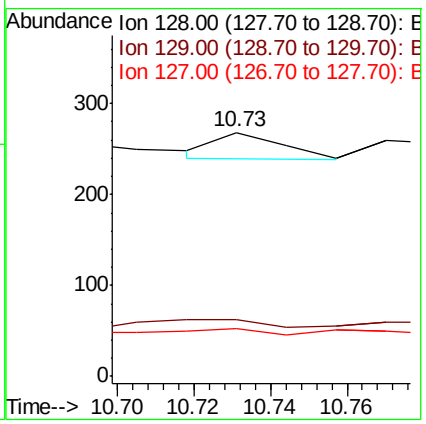


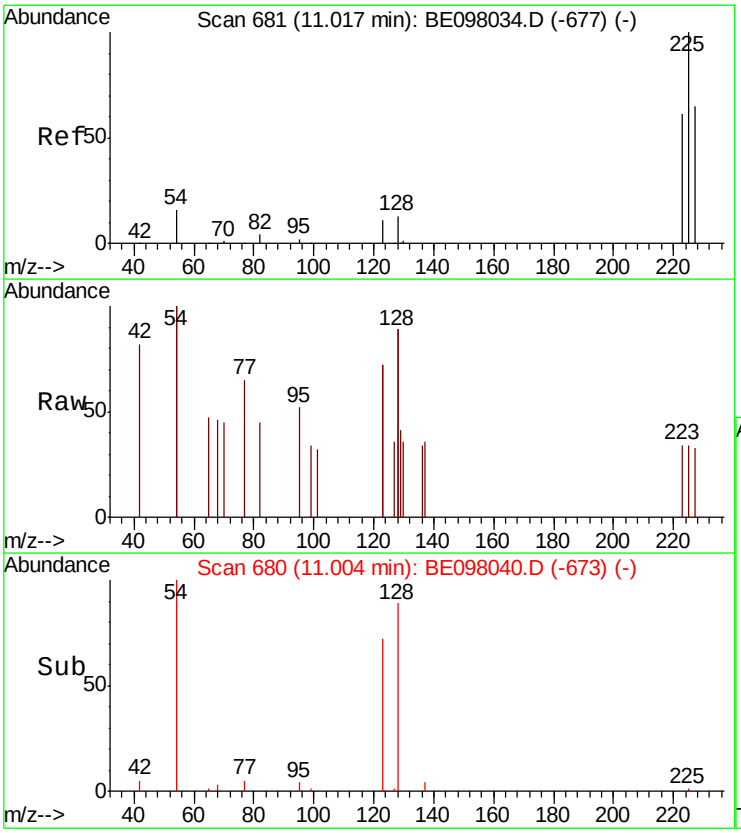
#9
Naphthalene
Concen: 0.001 ng
RT: 10.73 min Scan# 659
Delta R.T. 0.00 min
Lab File: BE098040.D
Acq: 24 Oct 2018 16:06

Instrument :
BNA_E
ClientSampleId :
PB114054BL

Tgt Ion:128 Resp: 35

Ion	Ratio	Lower	Upper
128	100		
129	23.5	2.5	3.7#
127	19.8	2.8	4.2#

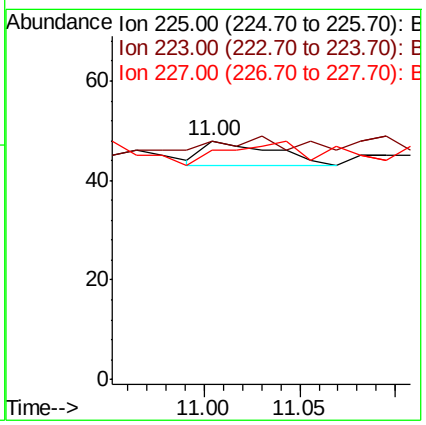


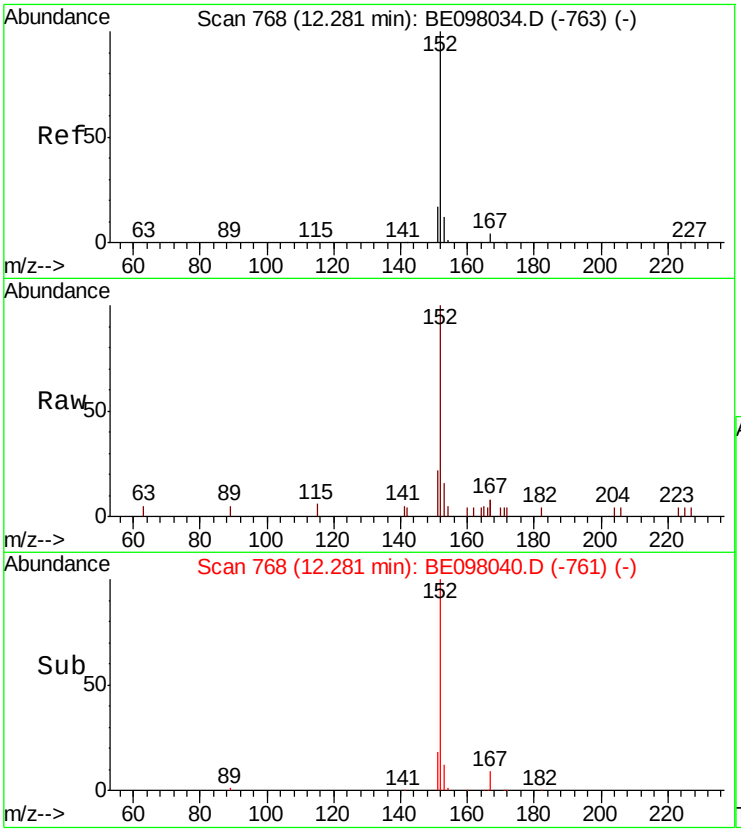


#10
Hexachlorobutadiene
Concen: 0.004 ng
RT: 11.00 min Scan# 680
Delta R.T. -0.01 min
Lab File: BE098040.D
Acq: 24 Oct 2018 16:06

Tgt Ion:225 Resp: 12

Ion	Ratio	Lower	Upper
225	100		
223	0.0	51.8	77.8#
227	0.0	53.0	79.6#



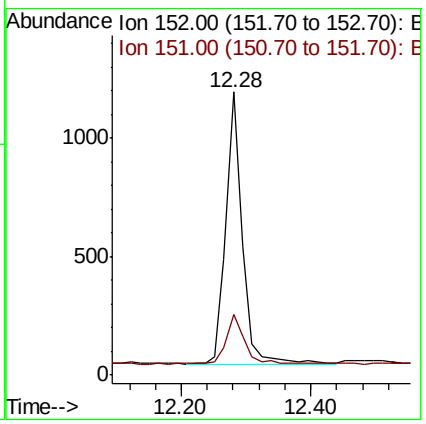


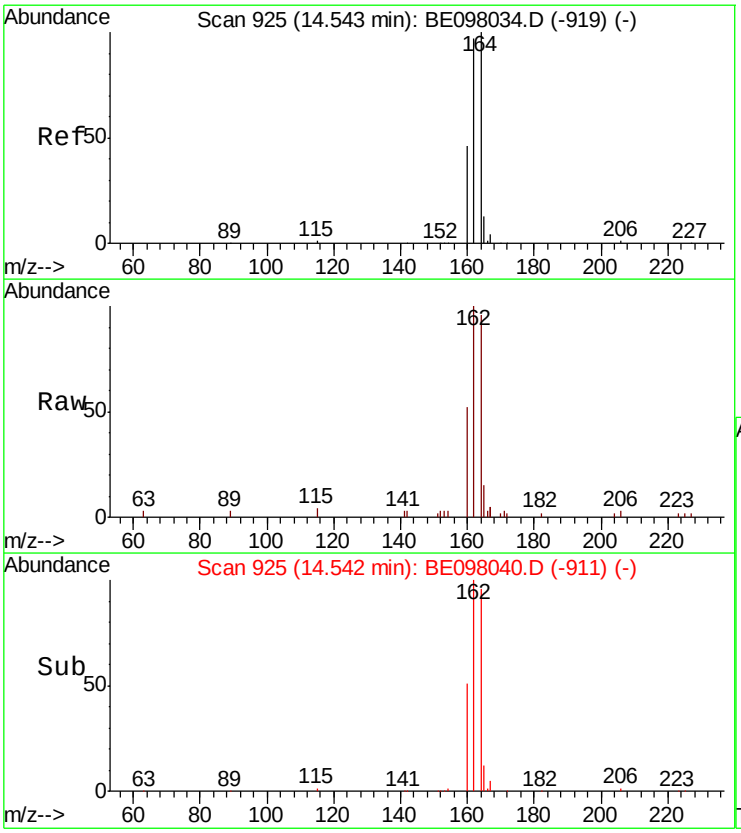
#11
2-Methylnaphthalene-d10
Concen: 0.248 ng
RT: 12.28 min Scan# 768
Delta R.T. -0.00 min
Lab File: BE098040.D
Acq: 24 Oct 2018 16:06

Instrument :
BNA_E
ClientSampleId :
PB114054BL

Tgt Ion:152 Resp: 2031

Ion	Ratio	Lower	Upper
152	100		
151	20.4	16.2	24.4

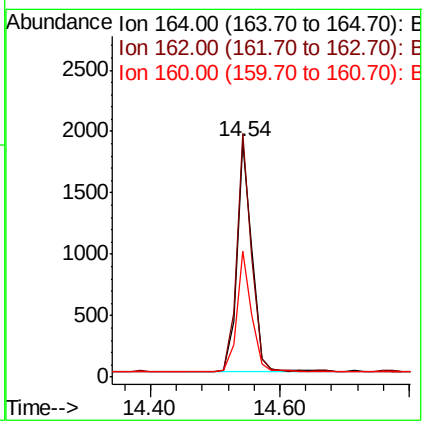


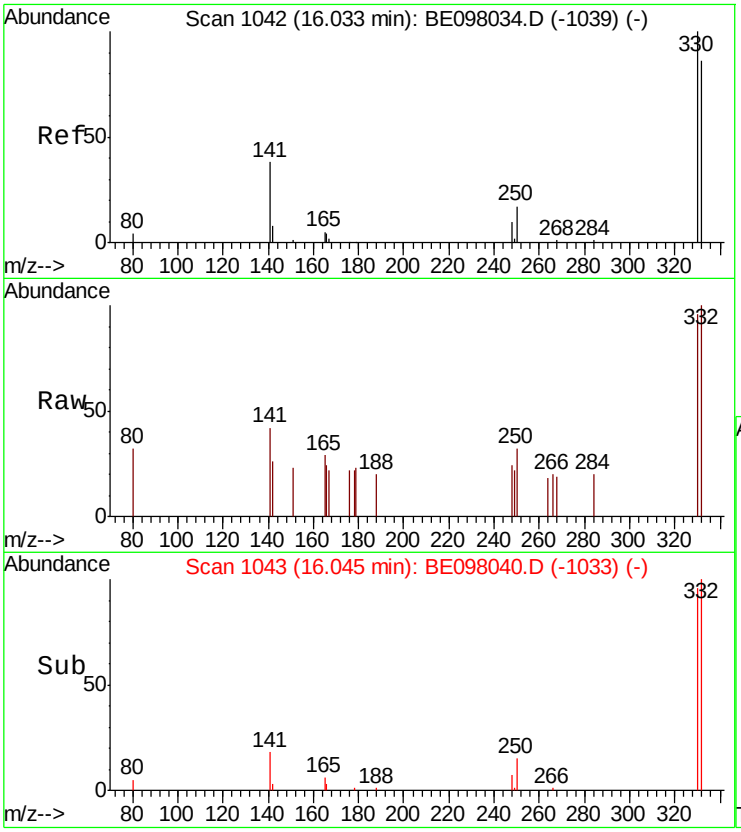


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.54 min Scan# 925
Delta R.T. -0.00 min
Lab File: BE098040.D
Acq: 24 Oct 2018 16:06

Tgt Ion:164 Resp: 2975

Ion	Ratio	Lower	Upper
164	100		
162	103.7	77.4	116.2
160	53.6	36.5	54.7



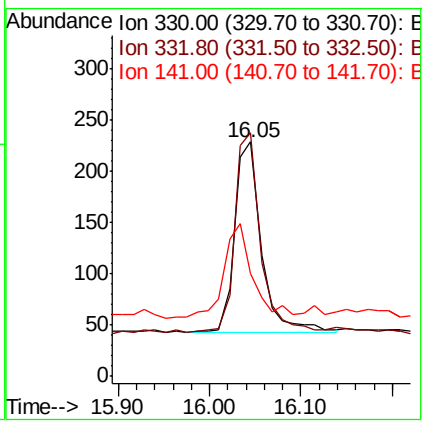


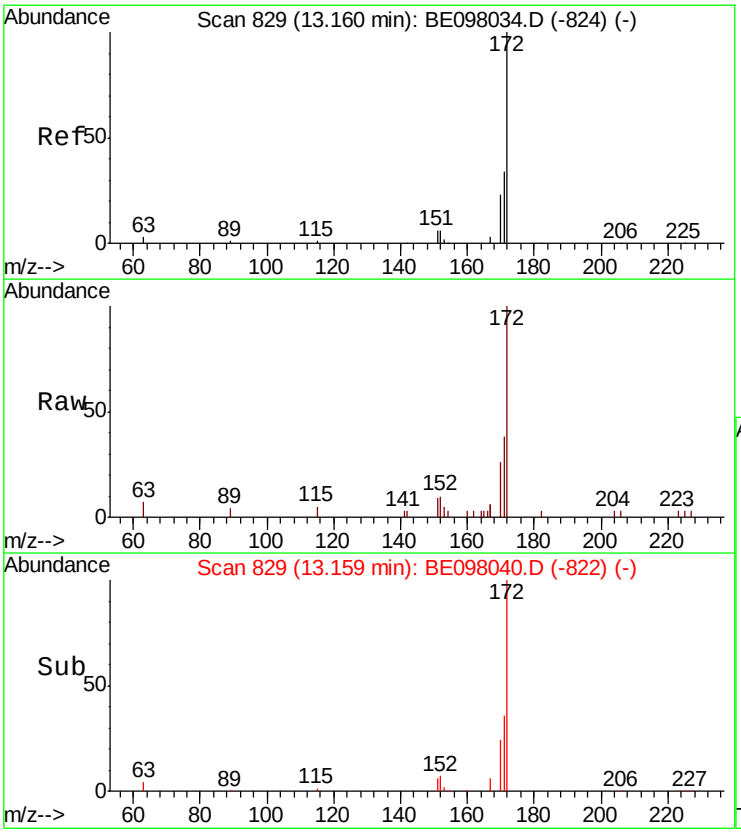
#14
2,4,6-Tribromophenol
Concen: 0.254 ng
RT: 16.05 min Scan# 1043
Delta R.T. 0.01 min
Lab File: BE098040.D
Acq: 24 Oct 2018 16:06

Instrument :
BNA_E
ClientSampleId :
PB114054BL

Tgt Ion:330 Resp: 380

Ion	Ratio	Lower	Upper
330	100		
332	99.7	76.5	114.7
141	52.9	31.8	47.6#

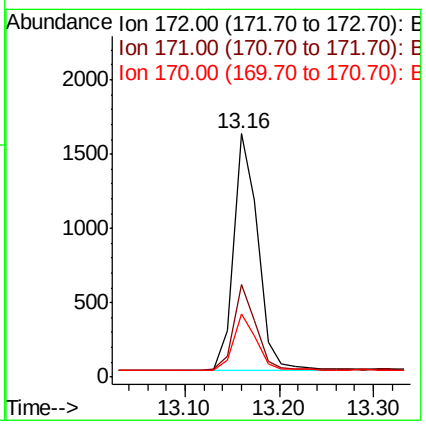


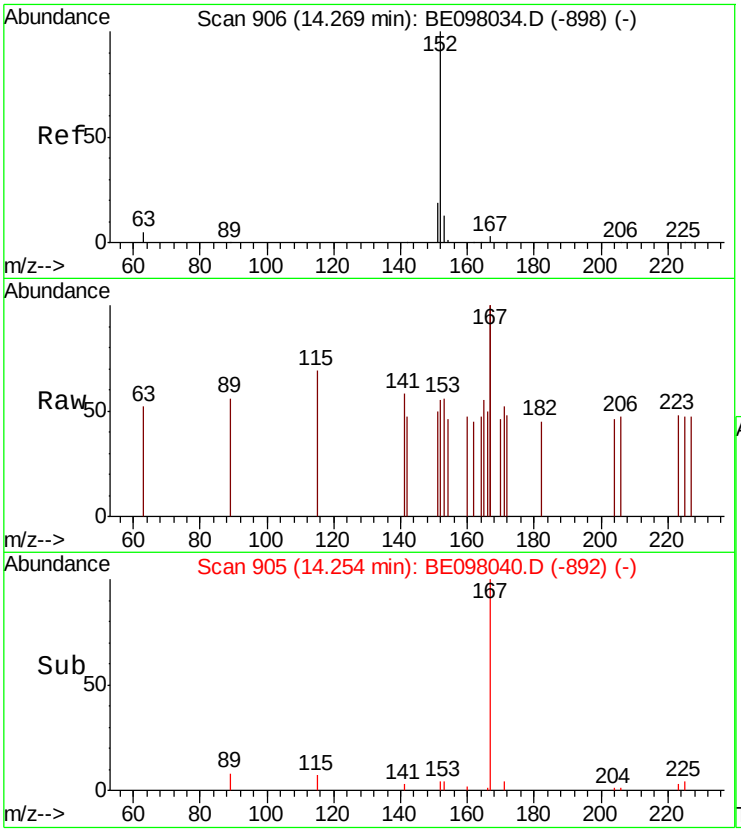


#15
2-Fluorobiphenyl
Concen: 0.237 ng
RT: 13.16 min Scan# 829
Delta R.T. -0.00 min
Lab File: BE098040.D
Acq: 24 Oct 2018 16:06

Tgt Ion:172 Resp: 2858

Ion	Ratio	Lower	Upper
172	100		
171	38.2	26.0	39.0
170	26.2	18.0	27.0



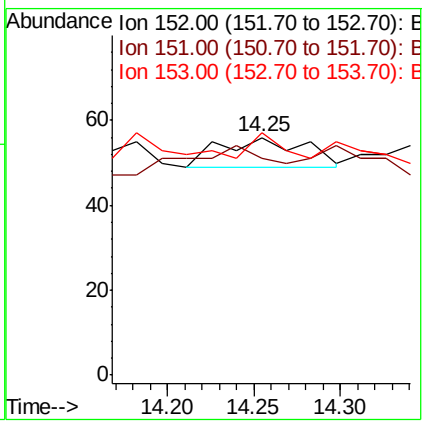


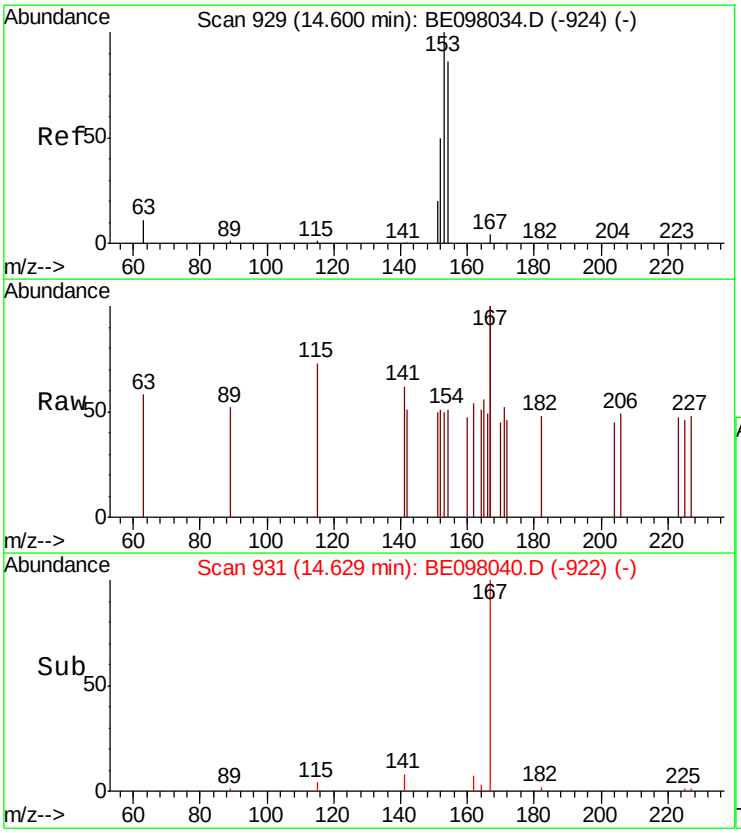
#16
Acenaphthylene
Concen: 0.002 ng
RT: 14.25 min Scan# 905
Delta R.T. -0.01 min
Lab File: BE098040.D
Acq: 24 Oct 2018 16:06

Instrument :
BNA_E
ClientSampleId :
PB114054BL

Tgt Ion:152 Resp: 24

Ion	Ratio	Lower	Upper
152	100		
151	91.7	16.1	24.1#
153	41.7	10.9	16.3#

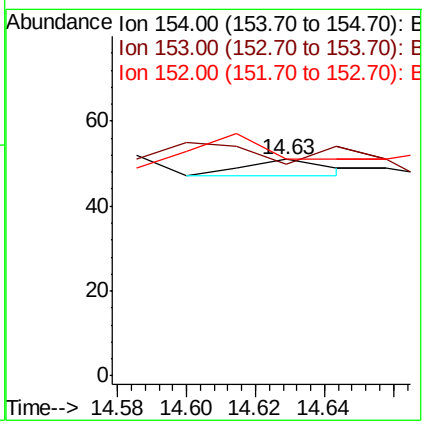


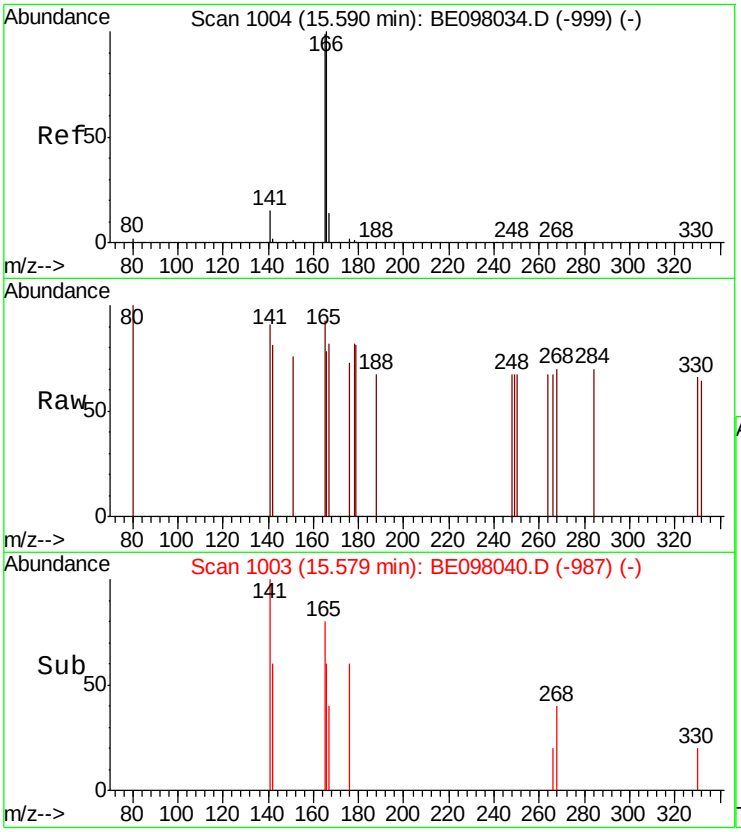


#17
Acenaphthene
Concen: 0.001 ng
RT: 14.63 min Scan# 931
Delta R.T. 0.03 min
Lab File: BE098040.D
Acq: 24 Oct 2018 16:06

Tgt Ion:154 Resp: 7

Ion	Ratio	Lower	Upper
154	100		
153	0.0	92.6	139.0#
152	171.4	45.5	68.3#



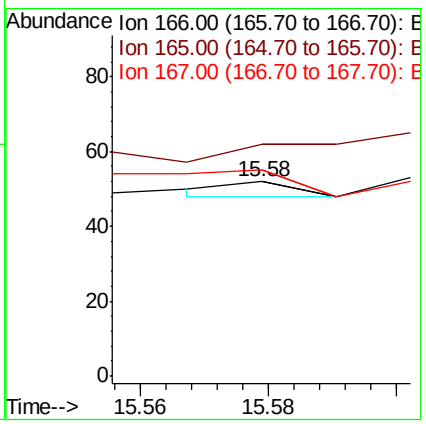


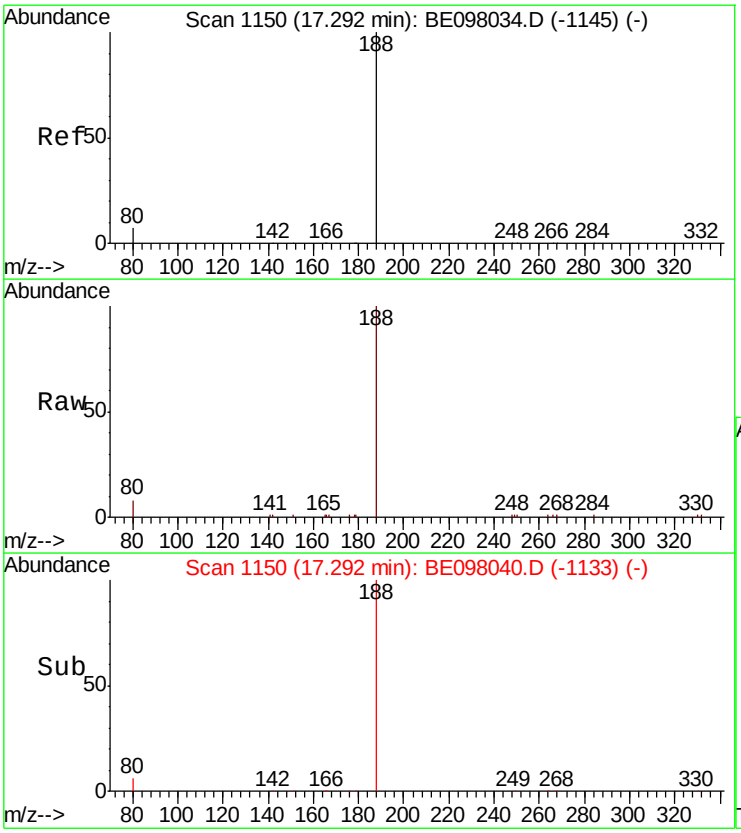
#18
Fluorene
Concen: 0.000 ng
RT: 15.58 min Scan# 1003
Delta R.T. -0.01 min
Lab File: BE098040.D
Acq: 24 Oct 2018 16:06

Instrument :
BNA_E
ClientSampleId :
PB114054BL

Tgt Ion:166 Resp: 3

Ion	Ratio	Lower	Upper
166	100		
165	0.0	78.2	117.4#
167	0.0	11.0	16.6#

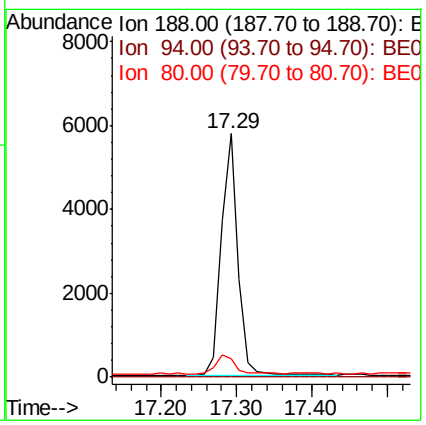


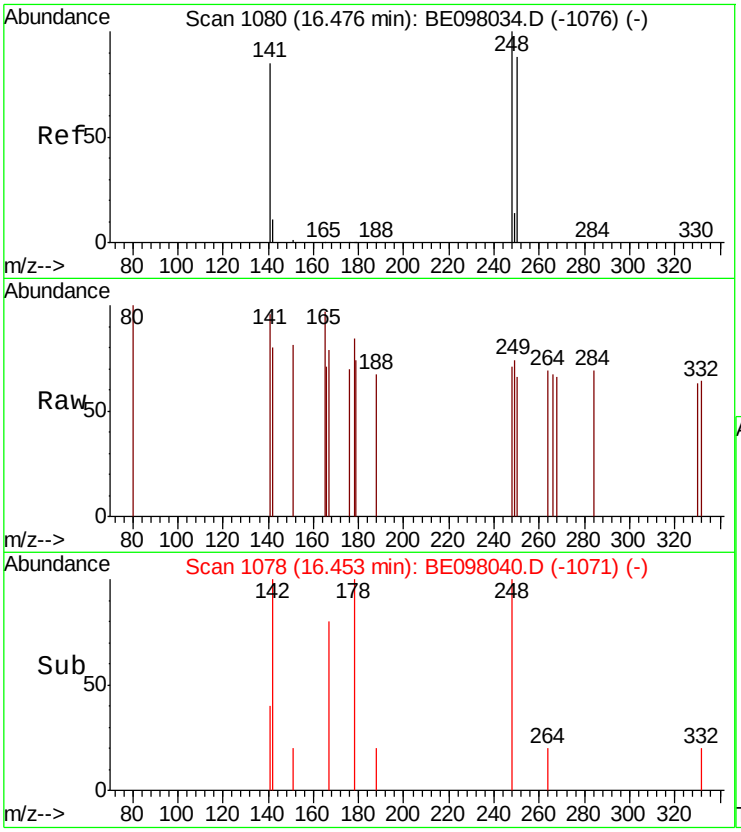


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.29 min Scan# 1150
Delta R.T. 0.00 min
Lab File: BE098040.D
Acq: 24 Oct 2018 16:06

Tgt Ion:188 Resp: 8883

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	7.7	6.3	9.5



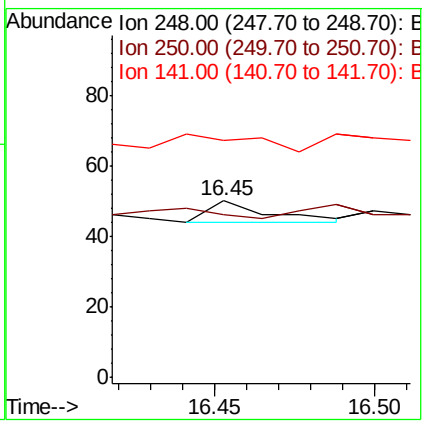


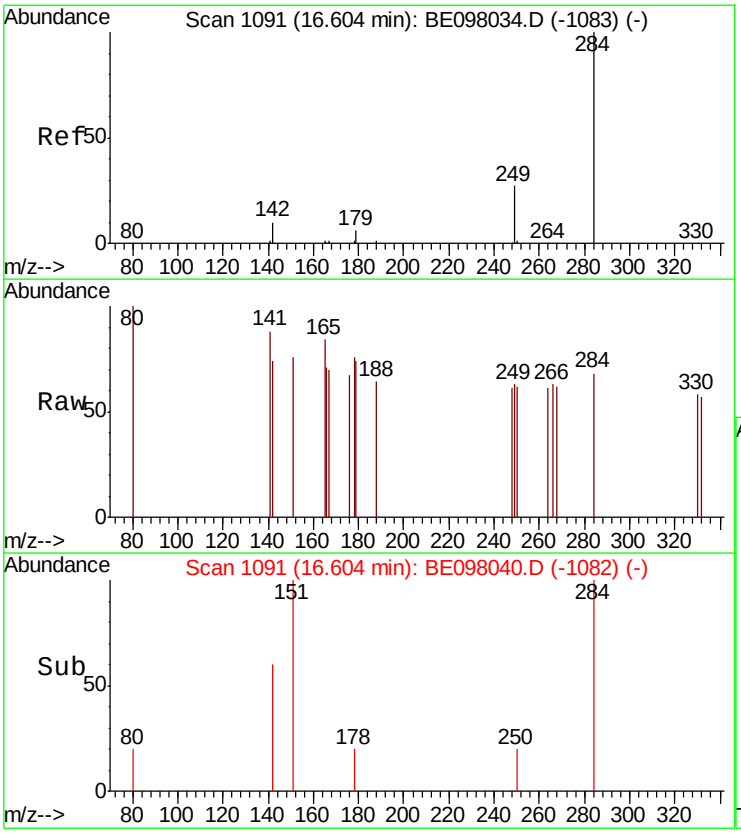
#20
4-Bromophenyl-phenylether
Concen: 0.001 ng
RT: 16.45 min Scan# 1078
Delta R.T. -0.02 min
Lab File: BE098040.D
Acq: 24 Oct 2018 16:06

Instrument :
BNA_E
ClientSampleId :
PB114054BL

Tgt Ion:248 Resp: 8

Ion	Ratio	Lower	Upper
248	100		
250	92.0	75.1	112.7
141	134.0	51.8	77.8#

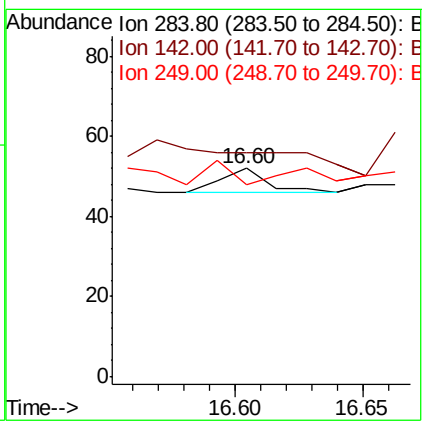


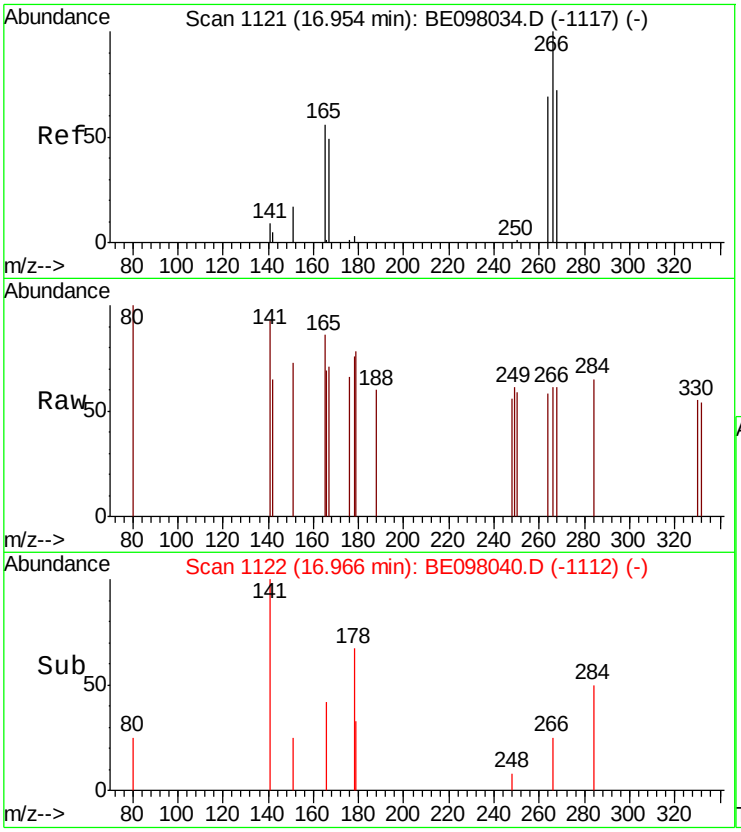


#21
Hexachlorobenzene
Concen: 0.001 ng
RT: 16.60 min Scan# 1091
Delta R.T. 0.00 min
Lab File: BE098040.D
Acq: 24 Oct 2018 16:06

Tgt Ion:284 Resp: 8

Ion	Ratio	Lower	Upper
284	100		
142	0.0	25.9	38.9#
249	75.0	26.6	40.0#



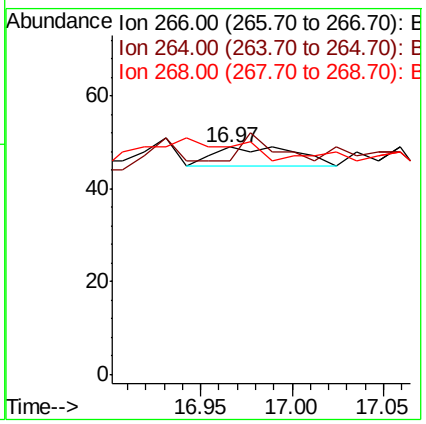


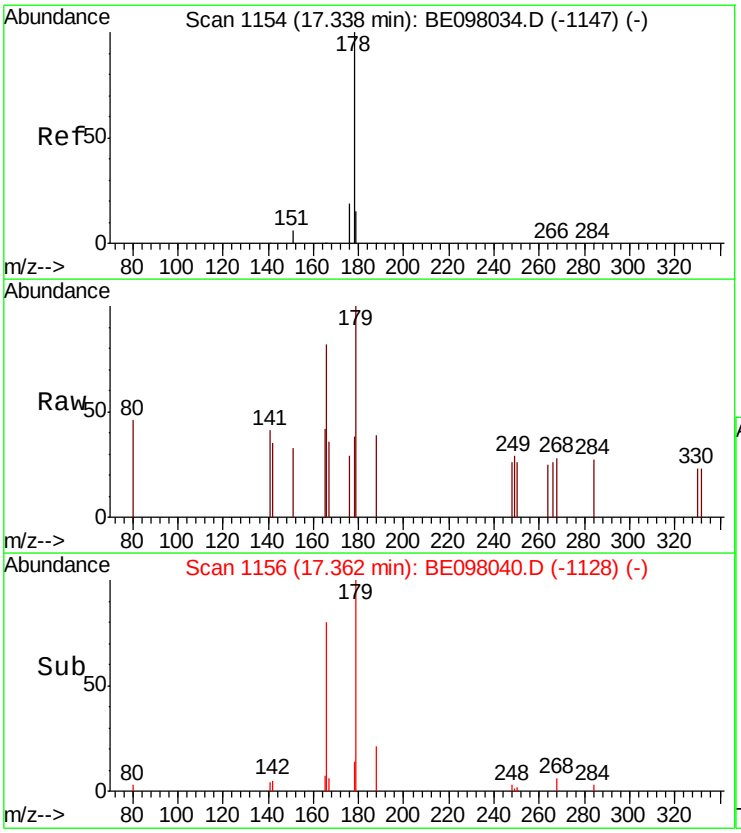
#22
Pentachlorophenol
Concen: 0.028 ng
RT: 16.97 min Scan# 1122
Delta R.T. 0.01 min
Lab File: BE098040.D
Acq: 24 Oct 2018 16:06

Instrument :
BNA_E
ClientSampleId :
PB114054BL

Tgt Ion:266 Resp: 13

Ion	Ratio	Lower	Upper
266	100		
264	93.9	51.3	76.9#
268	100.0	50.1	75.1#

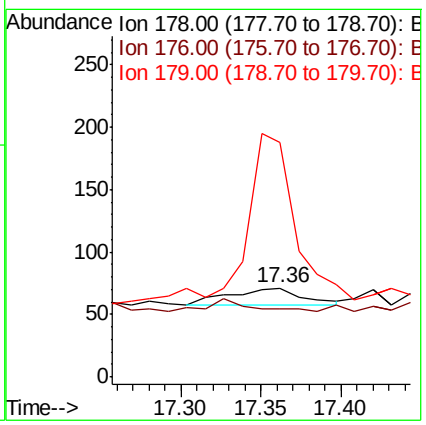


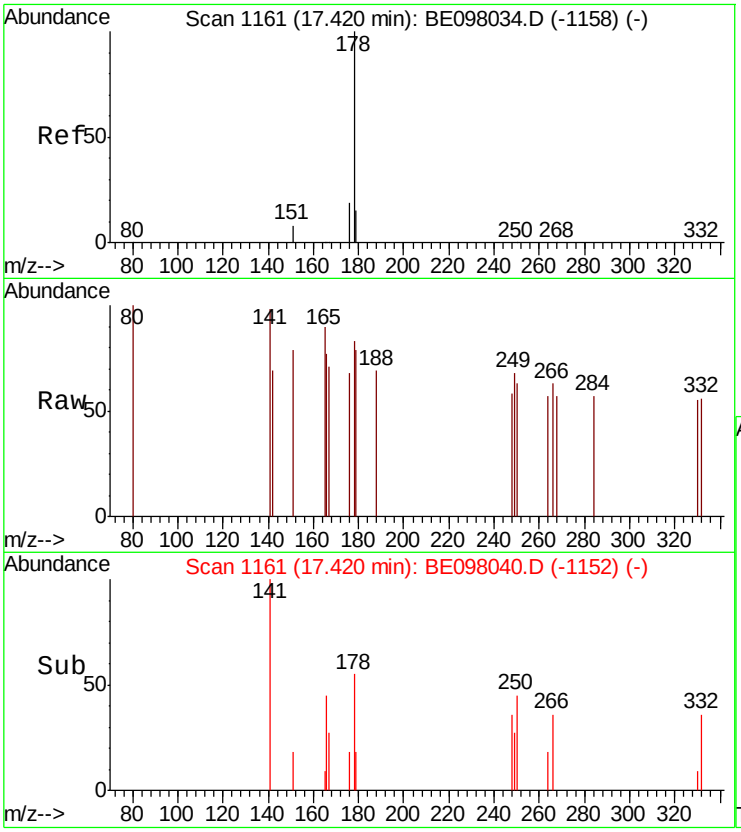


#23
Phenanthrene
Concen: 0.002 ng
RT: 17.36 min Scan# 1156
Delta R.T. 0.02 min
Lab File: BE098040.D
Acq: 24 Oct 2018 16:06

Tgt Ion:178 Resp: 42

Ion	Ratio	Lower	Upper
178	100		
176	0.0	15.5	23.3#
179	704.8	12.2	18.4#



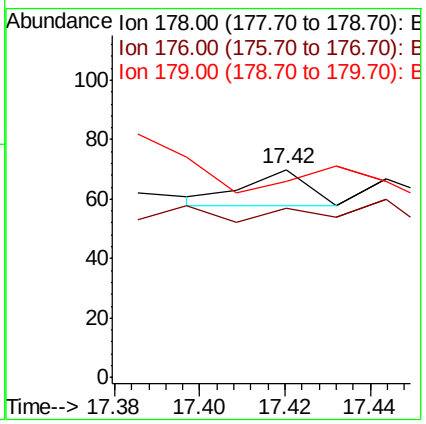


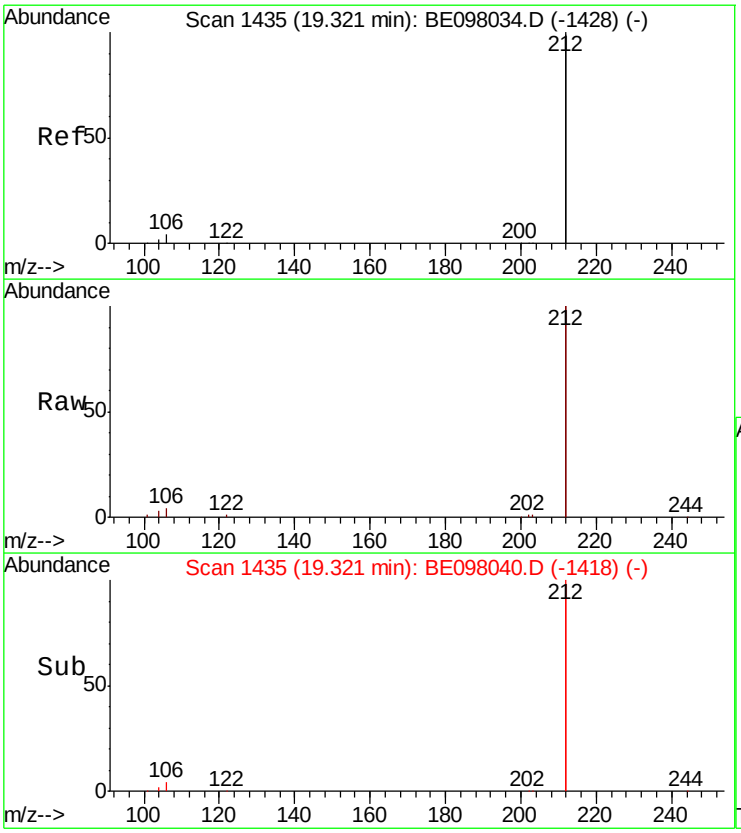
#24
Anthracene
Concen: 0.001 ng
RT: 17.42 min Scan# 1161
Delta R.T. 0.00 min
Lab File: BE098040.D
Acq: 24 Oct 2018 16:06

Instrument :
BNA_E
ClientSampleId :
PB114054BL

Tgt Ion:178 Resp: 12

Ion	Ratio	Lower	Upper
178	100		
176	0.0	14.9	22.3#
179	0.0	11.9	17.9#

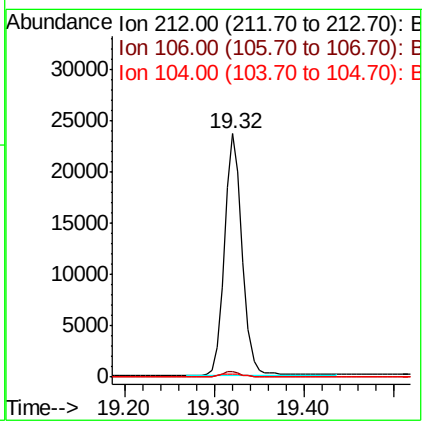


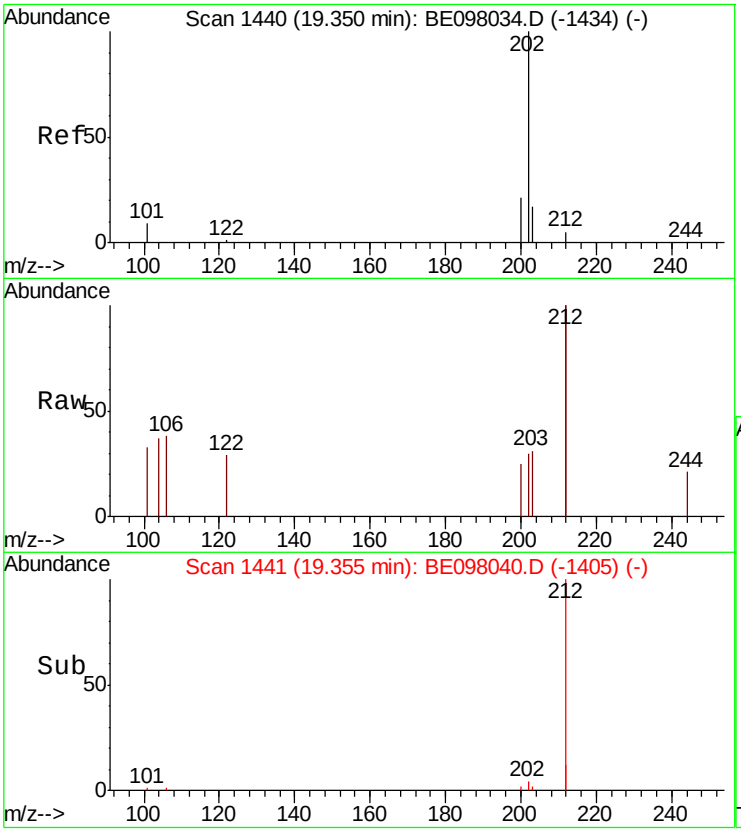


#25
Fluoranthene-d10
Concen: 0.279 ng
RT: 19.32 min Scan# 1435
Delta R.T. -0.00 min
Lab File: BE098040.D
Acq: 24 Oct 2018 16:06

Tgt Ion:212 Resp: 31753

Ion	Ratio	Lower	Upper
212	100		
106	2.1	2.3	3.5#
104	1.2	1.3	1.9#



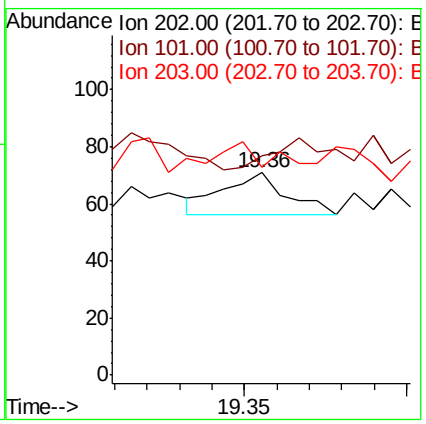


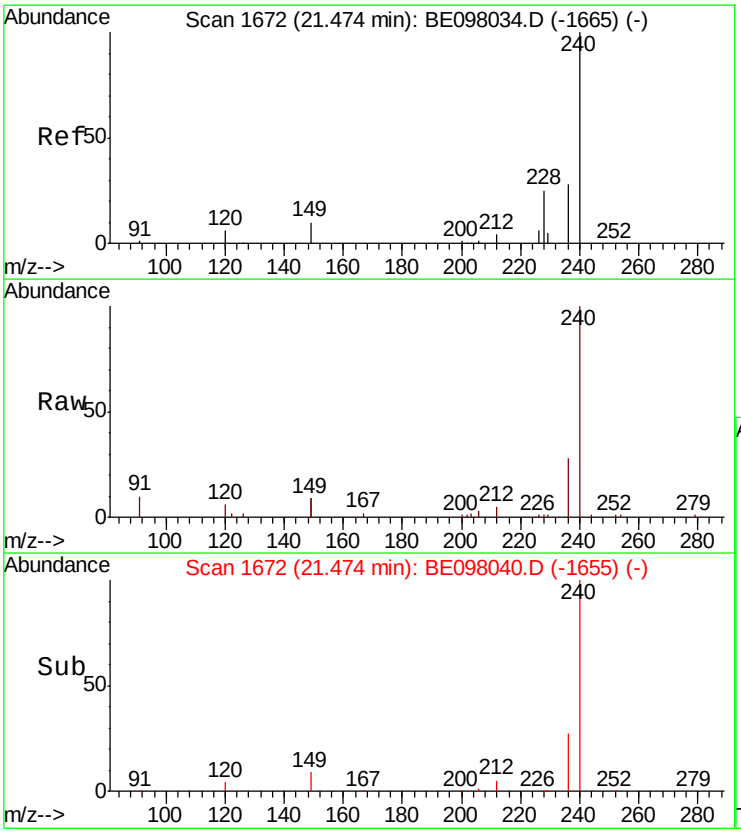
#26
Fluoranthene
Concen: 0.001 ng
RT: 19.36 min Scan# 1441
Delta R.T. 0.01 min
Lab File: BE098040.D
Acq: 24 Oct 2018 16:06

Instrument :
BNA_E
ClientSampleId :
PB114054BL

Tgt Ion:202 Resp: 20

Ion	Ratio	Lower	Upper
202	100		
101	0.0	8.2	12.2#
203	65.0	15.0	22.4#

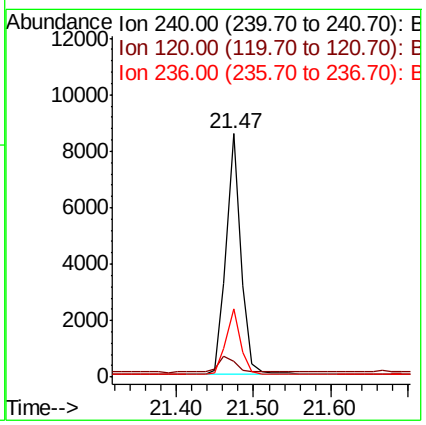


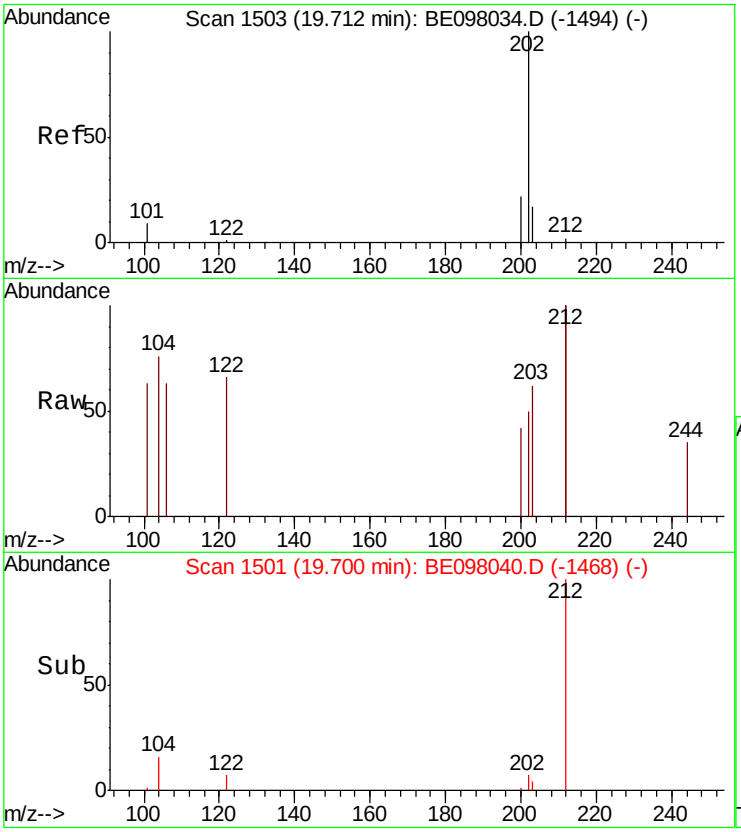


#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.47 min Scan# 1672
Delta R.T. -0.00 min
Lab File: BE098040.D
Acq: 24 Oct 2018 16:06

Tgt Ion:240 Resp: 11496

Ion	Ratio	Lower	Upper
240	100		
120	6.5	7.1	10.7#
236	28.0	21.3	31.9



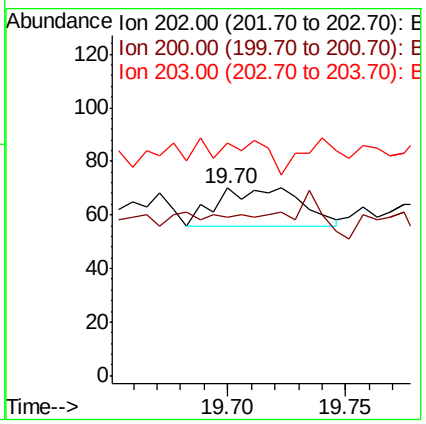


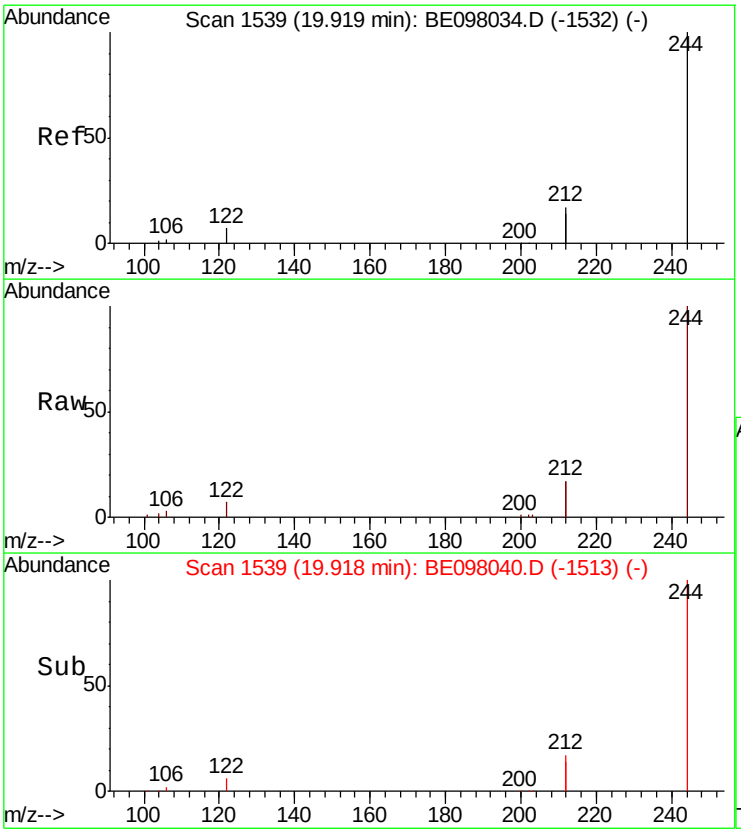
#28
Pyrene
Concen: 0.001 ng
RT: 19.70 min Scan# 1501
Delta R.T. -0.01 min
Lab File: BE098040.D
Acq: 24 Oct 2018 16:06

Instrument :
BNA_E
ClientSampleId :
PB114054BL

Tgt Ion:202 Resp: 34

Ion	Ratio	Lower	Upper
202	100		
200	0.0	17.0	25.4#
203	0.0	14.2	21.4#

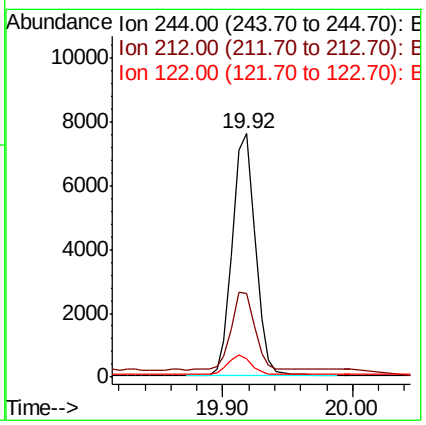


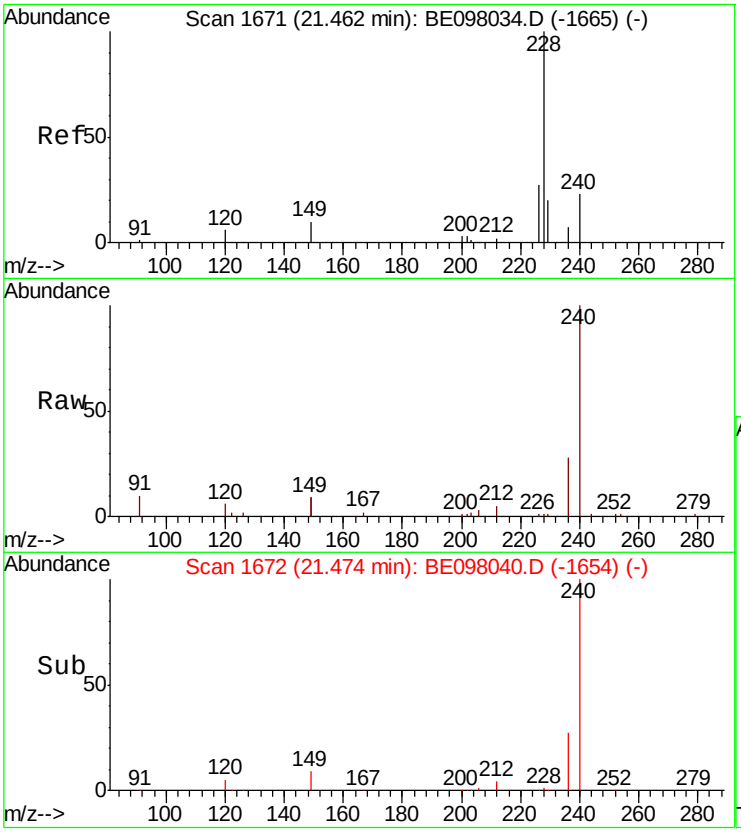


#29
Terphenyl-d14
Concen: 0.344 ng
RT: 19.92 min Scan# 1539
Delta R.T. -0.00 min
Lab File: BE098040.D
Acq: 24 Oct 2018 16:06

Tgt Ion:244 Resp: 9308

Ion	Ratio	Lower	Upper
244	100		
212	34.5	26.2	39.2
122	7.4	7.7	11.5#



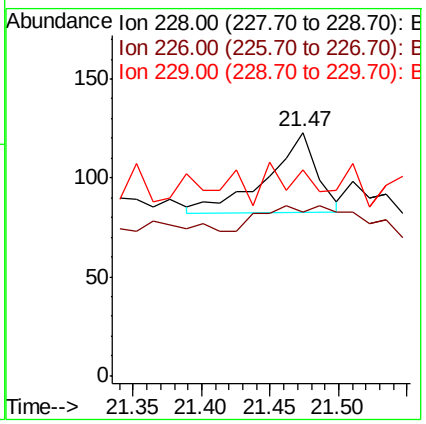


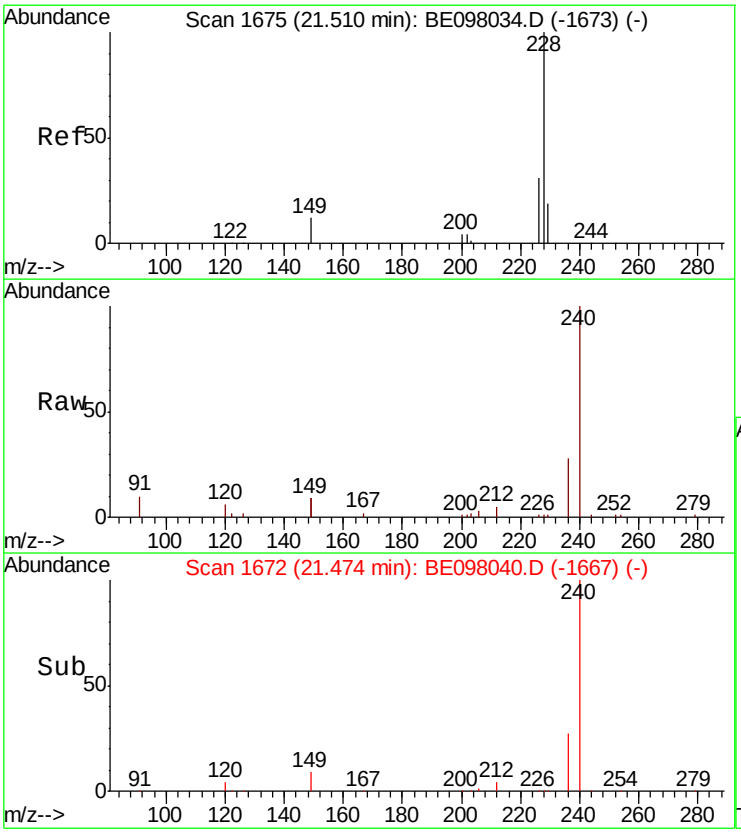
#30
Benzo(a)anthracene
Concen: 0.003 ng
RT: 21.47 min Scan# 1672
Delta R.T. 0.01 min
Lab File: BE098040.D
Acq: 24 Oct 2018 16:06

Instrument :
BNA_E
ClientSampleId :
PB114054BL

Tgt Ion:228 Resp: 102

Ion	Ratio	Lower	Upper
228	100		
226	67.5	22.6	33.8#
229	84.6	16.9	25.3#

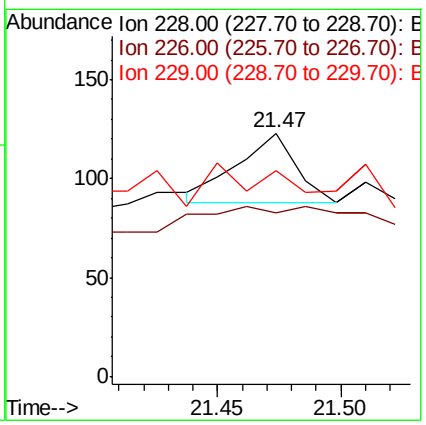


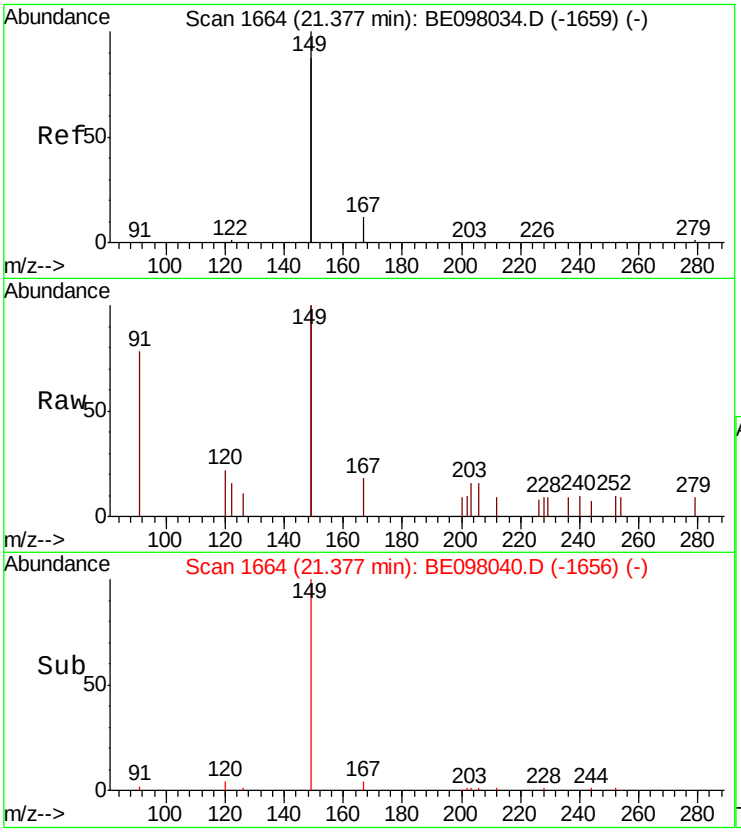


#31
Chrysene
Concen: 0.002 ng
RT: 21.47 min Scan# 1672
Delta R.T. -0.04 min
Lab File: BE098040.D
Acq: 24 Oct 2018 16:06

Tgt Ion:228 Resp: 59

Ion	Ratio	Lower	Upper
228	100		
226	67.5	24.3	36.5#
229	84.6	17.3	25.9#



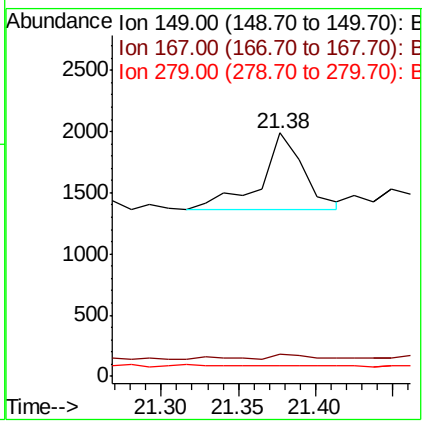


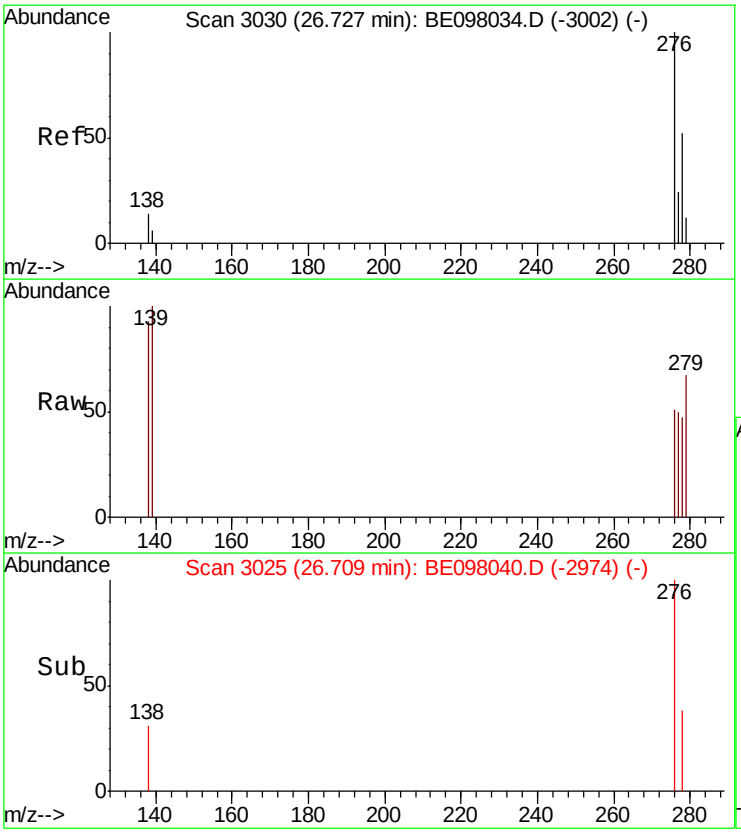
#32
Bis(2-ethylhexyl)phthalate
Concen: 0.015 ng
RT: 21.38 min Scan# 1664
Delta R.T. -0.00 min
Lab File: BE098040.D
Acq: 24 Oct 2018 16:06

Instrument :
BNA_E
ClientSampleId :
PB114054BL

Tgt Ion:149 Resp: 1190

Ion	Ratio	Lower	Upper
149	100		
167	8.2	5.6	8.4
279	0.0	0.9	1.3#

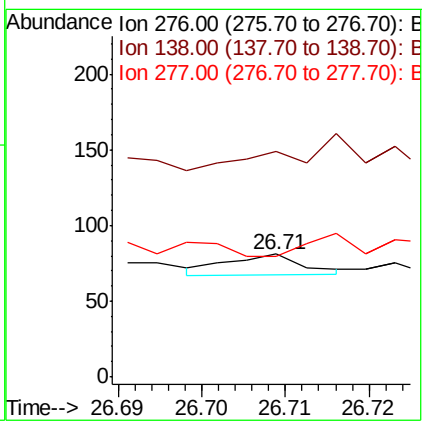


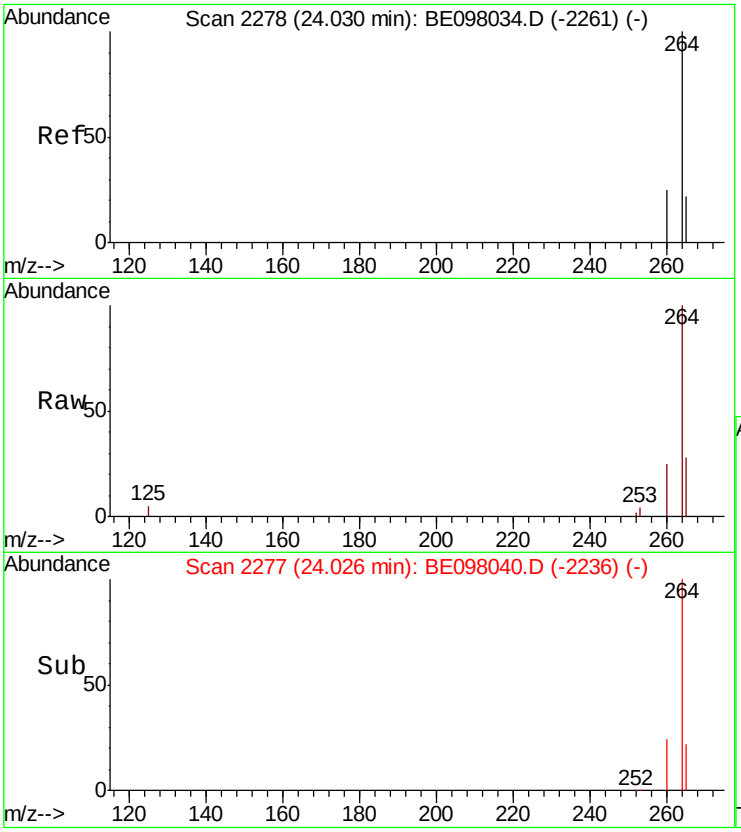


#33
Indeno(1,2,3-cd)pyrene
Concen: 0.000 ng
RT: 26.71 min Scan# 3025
Delta R.T. -0.02 min
Lab File: BE098040.D
Acq: 24 Oct 2018 16:06

Tgt Ion:276 Resp: 8

Ion	Ratio	Lower	Upper
276	100		
138	212.5	17.0	25.6#
277	87.5	20.5	30.7#



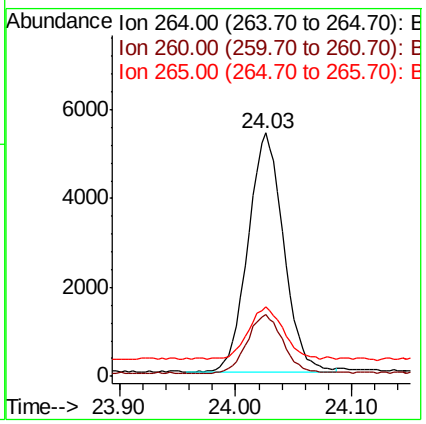


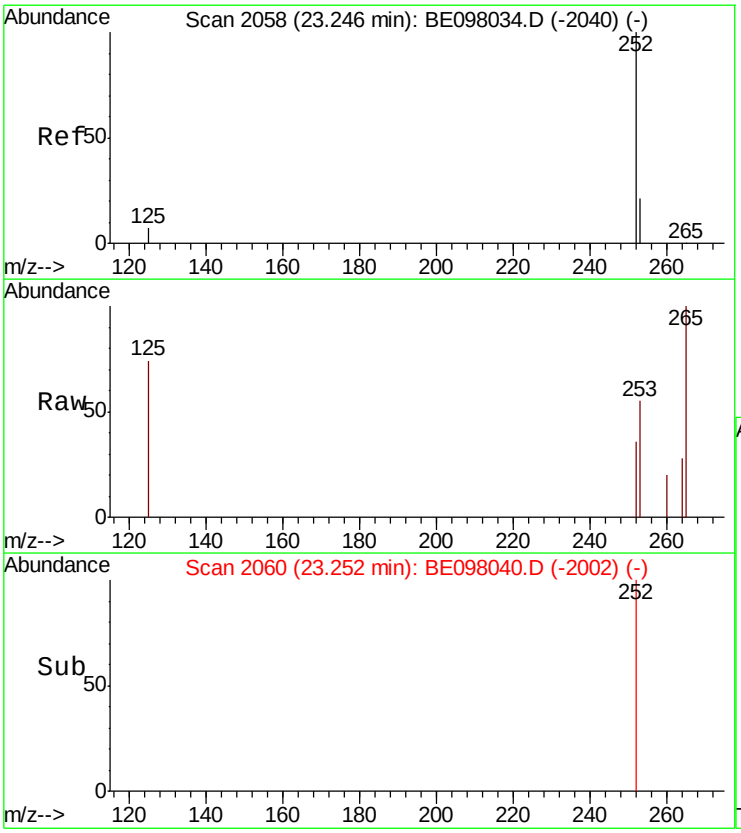
#34
Perylene-d12
Concen: 0.400 ng
RT: 24.03 min Scan# 2277
Delta R.T. -0.00 min
Lab File: BE098040.D
Acq: 24 Oct 2018 16:06

Instrument :
BNA_E
ClientSampleId :
PB114054BL

Tgt Ion:264 Resp: 11469

Ion	Ratio	Lower	Upper
264	100		
260	25.2	21.1	31.7
265	28.5	29.2	43.8#

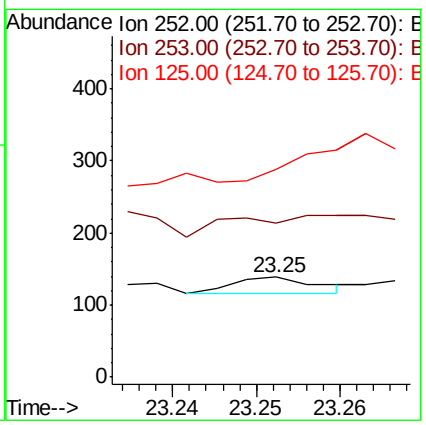


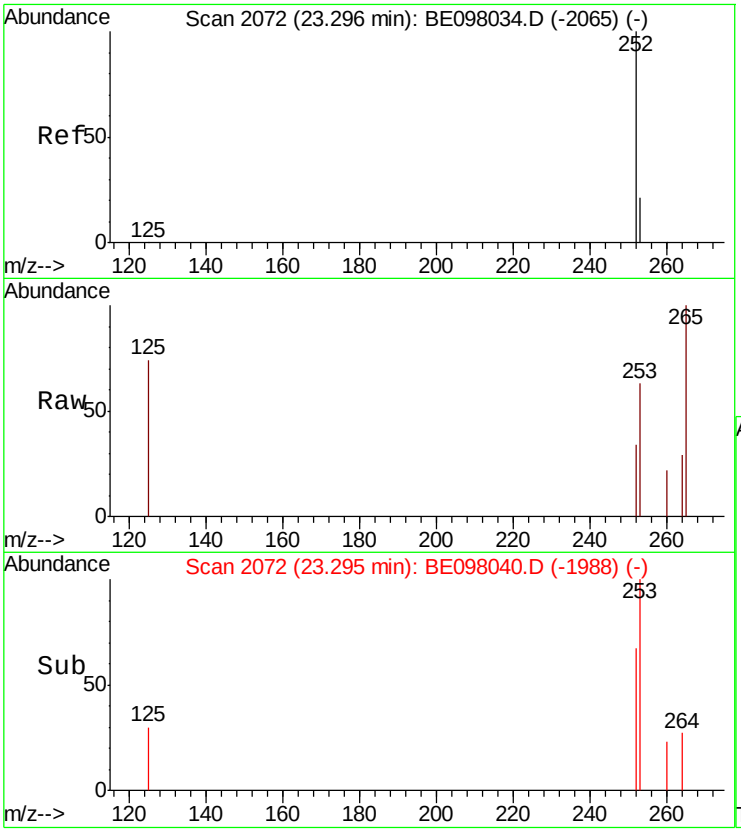


#35
Benzo(b)fluoranthene
Concen: 0.001 ng
RT: 23.25 min Scan# 2060
Delta R.T. 0.01 min
Lab File: BE098040.D
Acq: 24 Oct 2018 16:06

Tgt Ion:252 Resp: 16

Ion	Ratio	Lower	Upper
252	100		
253	153.2	20.6	31.0#
125	207.2	14.3	21.5#



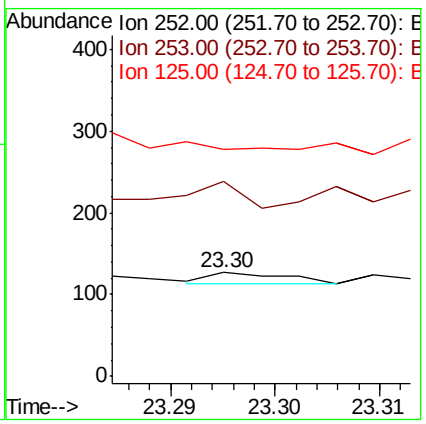


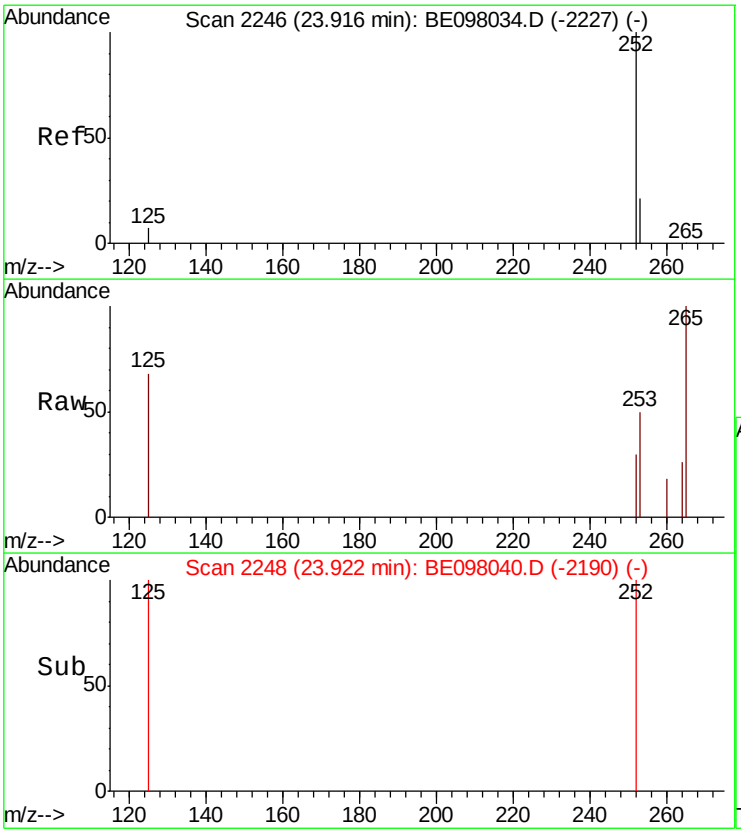
#36
Benzo(k)fluoranthene
Concen: 0.000 ng
RT: 23.30 min Scan# 2072
Delta R.T. -0.00 min
Lab File: BE098040.D
Acq: 24 Oct 2018 16:06

Instrument :
BNA_E
ClientSampleId :
PB114054BL

Tgt Ion:252 Resp: 7

Ion	Ratio	Lower	Upper
252	100		
253	188.2	20.4	30.6#
125	218.9	14.6	21.8#

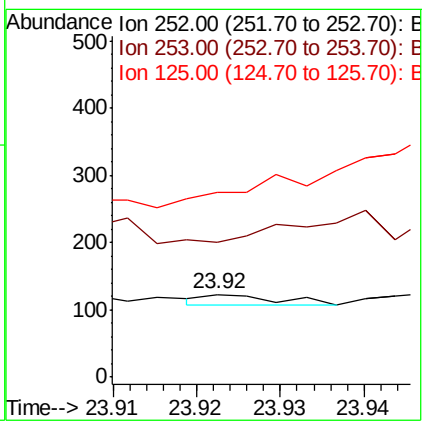


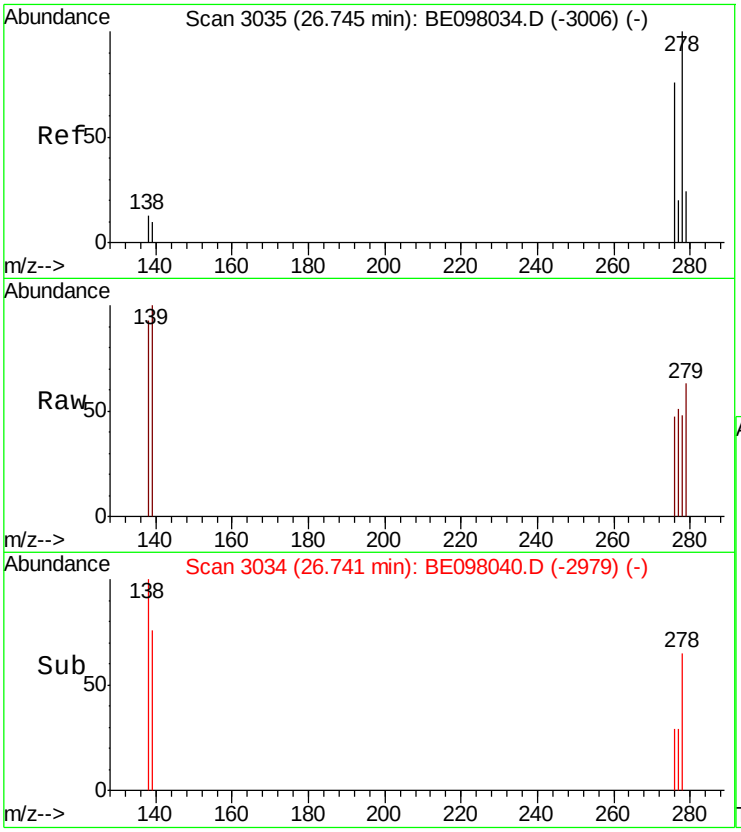


#37
Benzo(a)pyrene
Concen: 0.000 ng
RT: 23.92 min Scan# 2248
Delta R.T. 0.01 min
Lab File: BE098040.D
Acq: 24 Oct 2018 16:06

Tgt Ion:252 Resp: 9

Ion	Ratio	Lower	Upper
252	100		
253	163.4	20.6	31.0#
125	222.8	15.6	23.4#



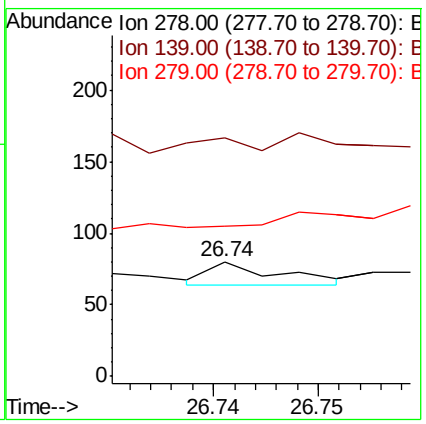


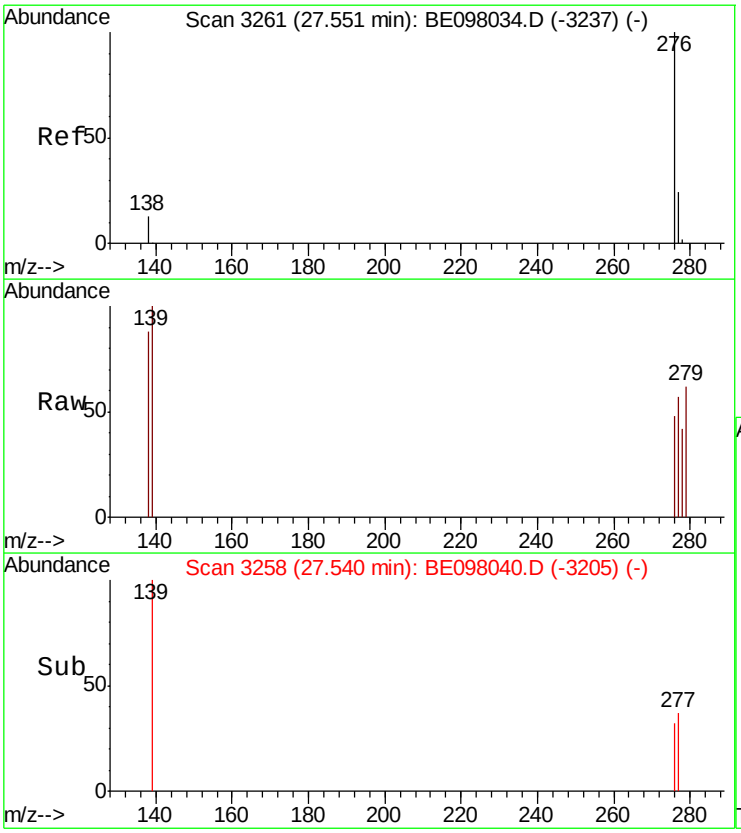
#38
Dibenzo(a,h)anthracene
Concen: 0.000 ng
RT: 26.74 min Scan# 3034
Delta R.T. -0.00 min
Lab File: BE098040.D
Acq: 24 Oct 2018 16:06

Instrument :
BNA_E
ClientSampleId :
PB114054BL

Tgt Ion:278 Resp: 7

Ion	Ratio	Lower	Upper
278	100		
139	208.8	16.3	24.5#
279	131.3	21.4	32.2#





#39
Benzo(g,h,i)perylene
Concen: 0.000 ng
RT: 27.54 min Scan# 3258
Delta R.T. -0.01 min
Lab File: BE098040.D
Acq: 24 Oct 2018 16:06

Tgt Ion:276 Resp: 7

Ion	Ratio	Lower	Upper
276	100		
277	118.8	22.1	33.1#
138	183.8	19.3	28.9#