Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE111618\
Data File : BE098240.D
Acq On : 16 Nov 2018 21:36
Operator : SJ/JU
Sample : J5931-03
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : KY038PS035-181112

Quant Time: Nov 16 22:53:48 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE111618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 16 19:05:33 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.86	152	1260	0.40	ng	0.00
7) Naphthalene-d8	10.67	136	6261	0.40	ng	0.00
13) Acenaphthene-d10	14.53	164	4288	0.40	ng	0.00
19) Phenanthrene-d10	17.28	188	9756	0.40	ng	0.00
27) Chrysene-d12	21.46	240	10824	0.40	ng	0.00
34) Perylene-d12	24.01	264	10461	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.46	112	681	0.20	ng	0.00
5) Phenol-d6	7.04	99	565	0.11	ng	0.00
8) Nitrobenzene-d5	9.02	82	2507	0.42	ng	0.00
11) 2-Methylnaphthalene-d10	12.27	152	4407	0.40	ng	0.00
14) 2,4,6-Tribromophenol	16.02	330	868	0.63	ng	-0.01
15) 2-Fluorobiphenyl	13.15	172	10581	0.57	ng	0.00
25) Fluoranthene-d10	19.31	212	53135	0.45	ng	0.00
29) Terphenyl-d14	19.91	244	12035	0.48	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.37	88	221	0.112	ng	# 66
6) bis(2-Chloroethyl)ether	7.30	93	33	0.007	ng	# 1
9) Naphthalene	10.72	128	361	0.006	ng	# 63
10) Hexachlorobutadiene	10.99	225	11	0.003	ng	# 5
12) 2-Methylnaphthalene	12.34	142	56	0.005	ng	# 60
16) Acenaphthylene	14.25	152	99	0.005	ng	# 37
17) Acenaphthene	14.60	154	37	0.003	ng	# 21
18) Fluorene	15.57	166	67	0.004	ng	# 81
20) 4-Bromophenyl-phenylether	16.46	248	13	0.002	ng	# 42
21) Hexachlorobenzene	16.58	284	43	0.007	ng	# 50
22) Pentachlorophenol	16.94	266	27	0.122	ng	# 69
23) Phenanthrene	17.41	178	652	0.026	ng	99
24) Anthracene	17.41	178	630	0.028	ng	97
26) Fluoranthene	19.34	202	248	0.008	ng	# 70
28) Pyrene	19.70	202	309	0.010	ng	# 85
30) Benzo(a)anthracene	21.45	228	289	0.009	ng	# 34
31) Chrysene	21.50	228	195	0.006	ng	# 18
32) Bis(2-ethylhexyl)phthalate	21.37	149	3896	0.080	ng	# 96
33) Indeno(1,2,3-cd)pyrene	26.70	276	154	0.006	ng	# 88
35) Benzo(b)fluoranthene	23.24	252	329	0.011	ng	# 1
36) Benzo(k)fluoranthene	23.28	252	152	0.005	ng	# 1
37) Benzo(a)pyrene	23.91	252	183	0.006	ng	# 1
38) Dibenzo(a,h)anthracene	26.73	278	103	0.004	ng	# 1
39) Benzo(g,h,i)perylene	27.53	276	63	0.003	ng	# 1

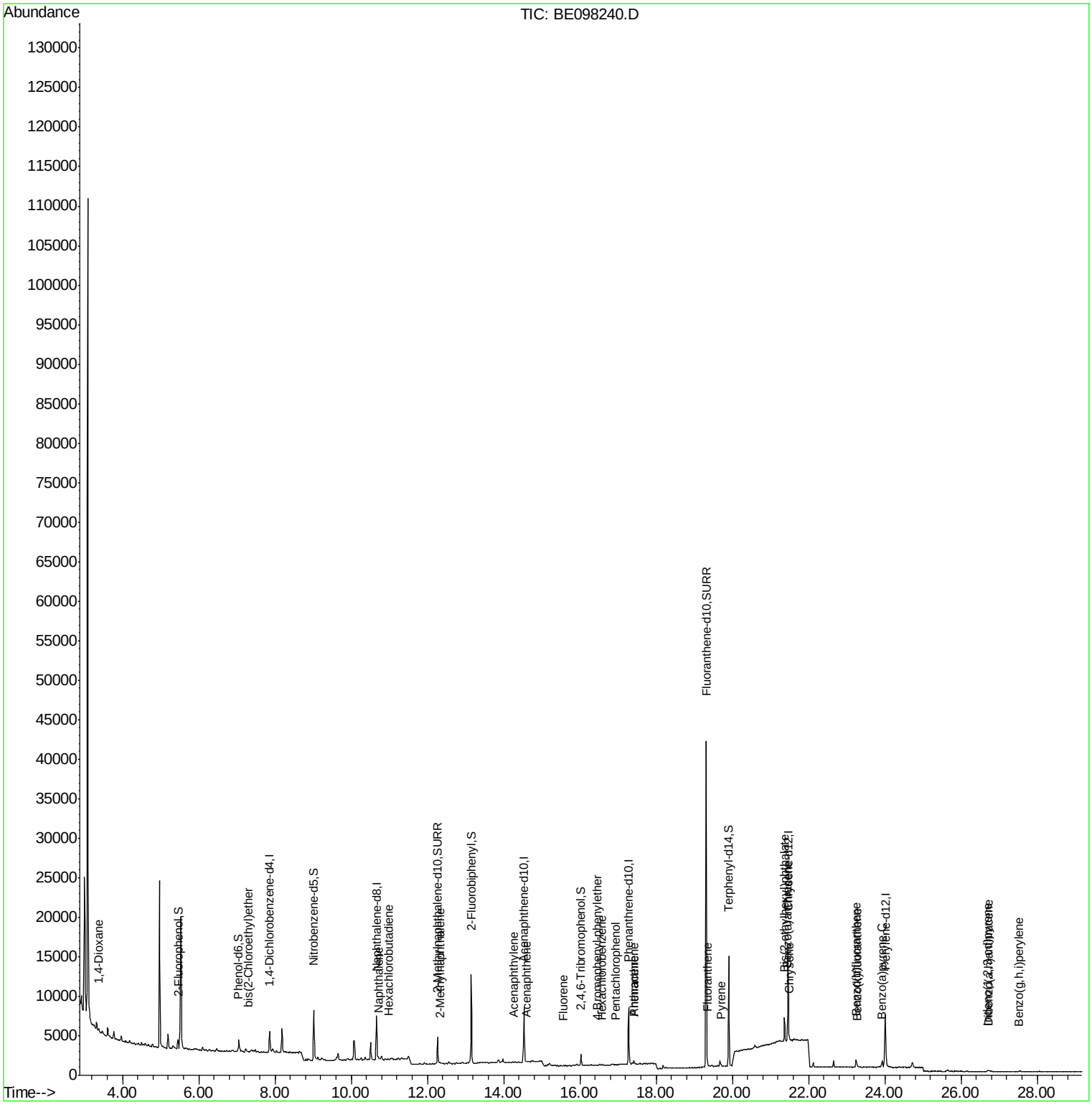
(#) = qualifier out of range (m) = manual integration (+) = signals summed

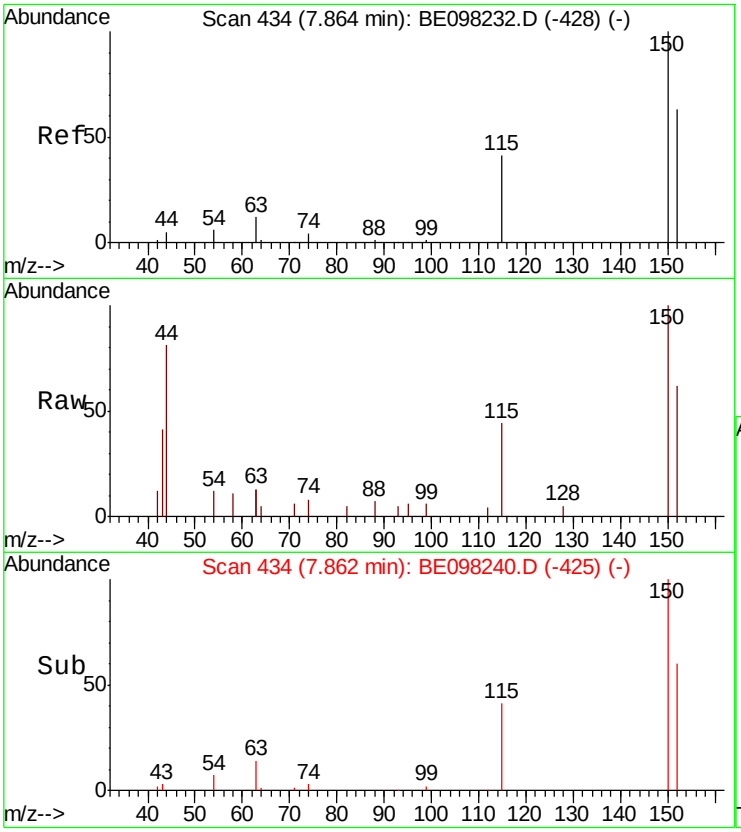
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE111618\
Data File : BE098240.D
Acq On : 16 Nov 2018 21:36
Operator : SJ/JU
Sample : J5931-03
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
KY038PS035-181112

Quant Time: Nov 16 22:53:48 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE111618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 16 19:05:33 2018
Response via : Initial Calibration



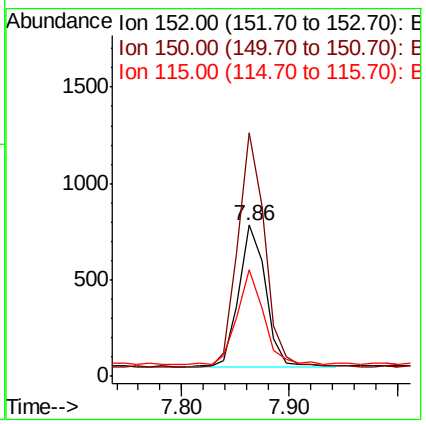


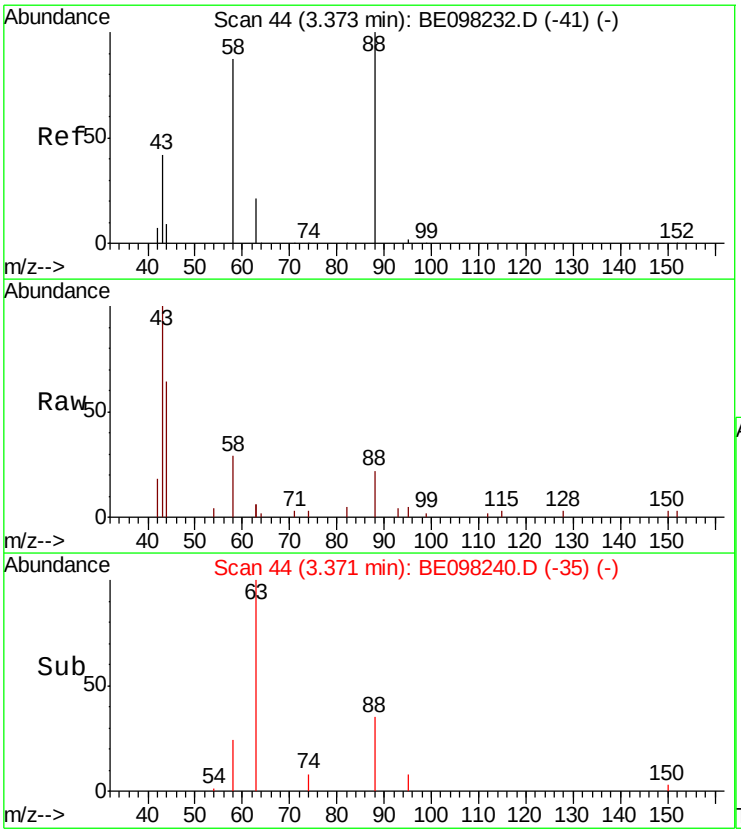
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.86 min Scan# 434
Delta R.T. -0.00 min
Lab File: BE098240.D
Acq: 16 Nov 2018 21:36

Instrument :
BNA_E
ClientSampleId :
KY038PS035-181112

Tgt Ion:152 Resp: 1260

Ion	Ratio	Lower	Upper
152	100		
150	161.3	127.5	191.3
115	70.8	60.3	90.5

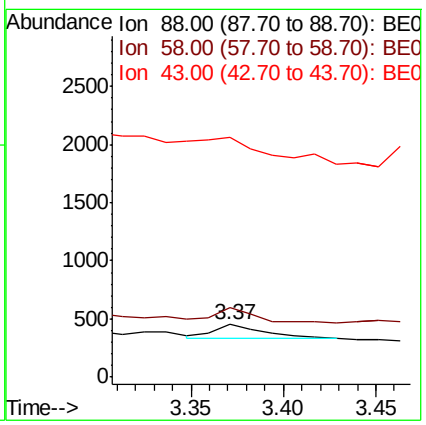


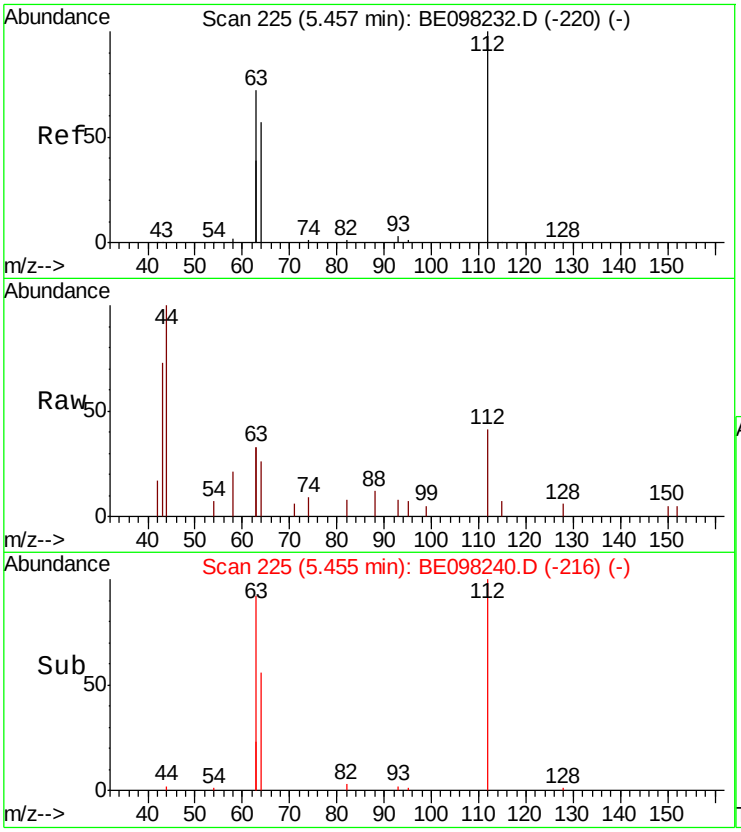


#2
1,4-Dioxane
Concen: 0.112 ng
RT: 3.37 min Scan# 44
Delta R.T. -0.00 min
Lab File: BE098240.D
Acq: 16 Nov 2018 21:36

Tgt Ion: 88 Resp: 221

Ion	Ratio	Lower	Upper
88	100		
58	83.3	79.0	118.4
43	0.0	38.1	57.1#



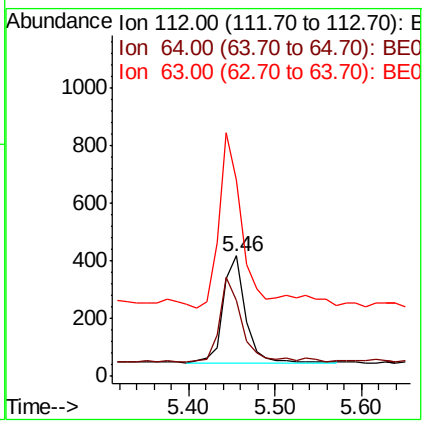


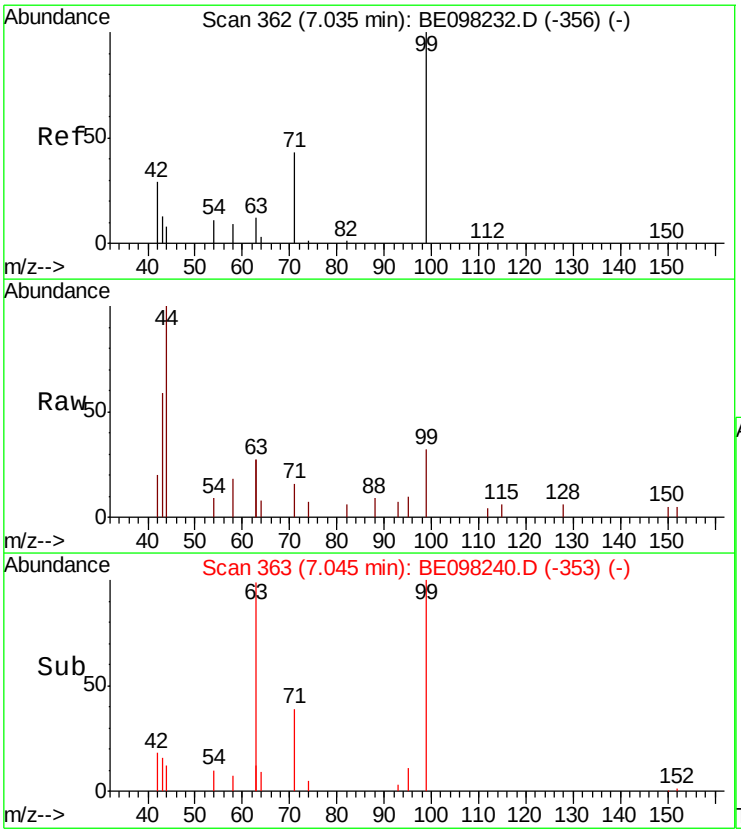
#4
2-Fluorophenol
Concen: 0.202 ng
RT: 5.46 min Scan# 225
Delta R.T. -0.00 min
Lab File: BE098240.D
Acq: 16 Nov 2018 21:36

Instrument :
BNA_E
ClientSampleId :
KY038PS035-181112

Tgt Ion:112 Resp: 681

Ion	Ratio	Lower	Upper
112	100		
64	78.0	61.7	92.5
63	160.5	136.2	204.2

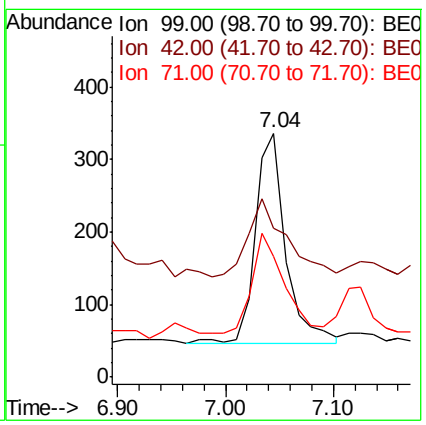


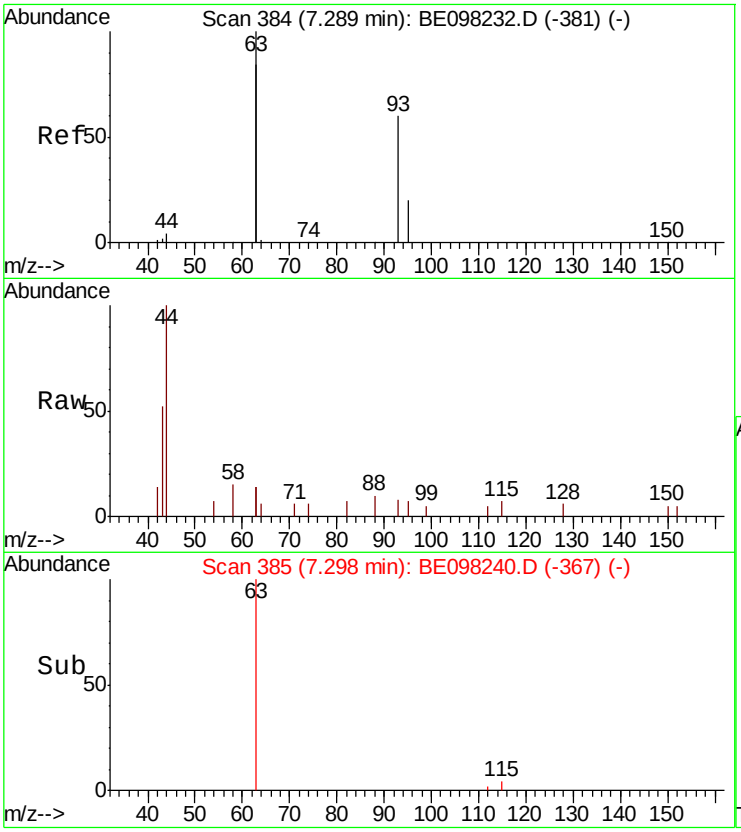


#5
Phenol-d6
Concen: 0.106 ng
RT: 7.04 min Scan# 363
Delta R.T. 0.01 min
Lab File: BE098240.D
Acq: 16 Nov 2018 21:36

Tgt Ion: 99 Resp: 565

Ion	Ratio	Lower	Upper
99	100		
42	47.4	27.1	40.7#
71	51.7	37.0	55.6



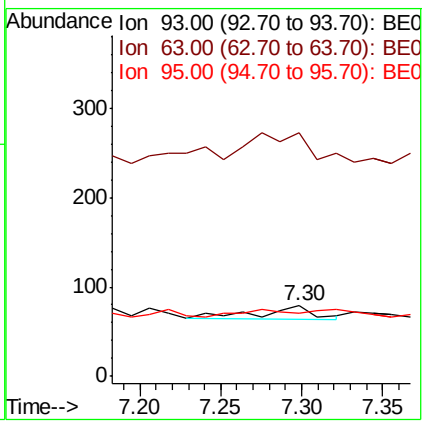


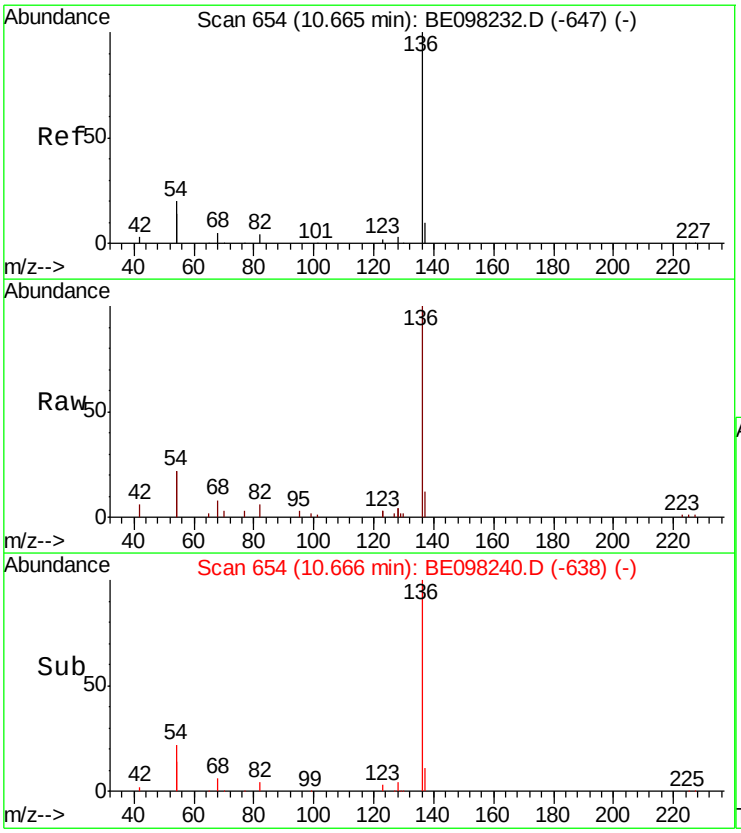
#6
bis(2-Chloroethyl)ether
Concen: 0.007 ng
RT: 7.30 min Scan# 385
Delta R.T. 0.01 min
Lab File: BE098240.D
Acq: 16 Nov 2018 21:36

Instrument :
BNA_E
ClientSampleId :
KY038PS035-181112

Tgt Ion: 93 Resp: 33

Ion	Ratio	Lower	Upper
93	100		
63	0.0	272.6	409.0#
95	0.0	27.1	40.7#

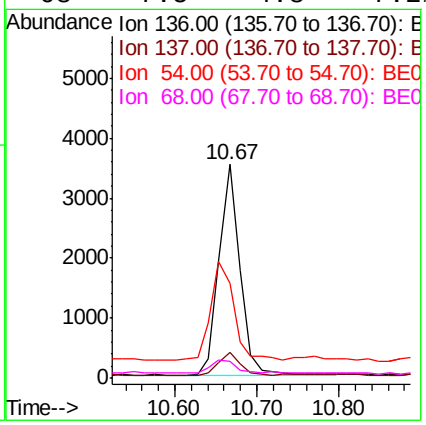


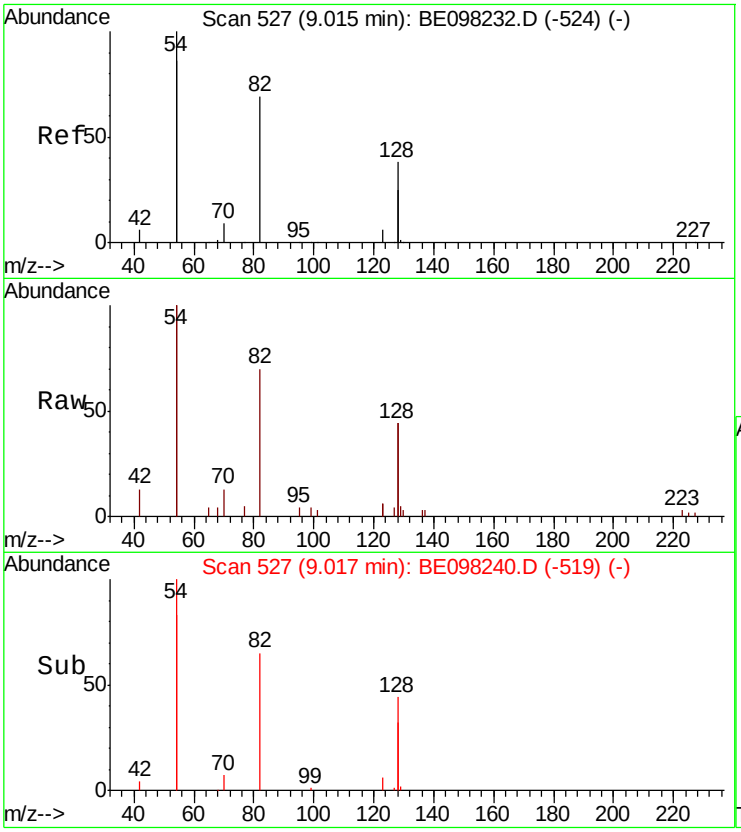


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.67 min Scan# 654
Delta R.T. 0.00 min
Lab File: BE098240.D
Acq: 16 Nov 2018 21:36

Tgt Ion:136 Resp: 6261

Ion	Ratio	Lower	Upper
136	100		
137	11.8	9.5	14.3
54	44.2	31.3	46.9
68	7.5	4.8	7.2#



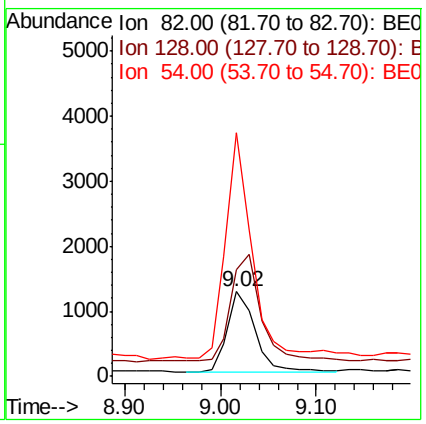


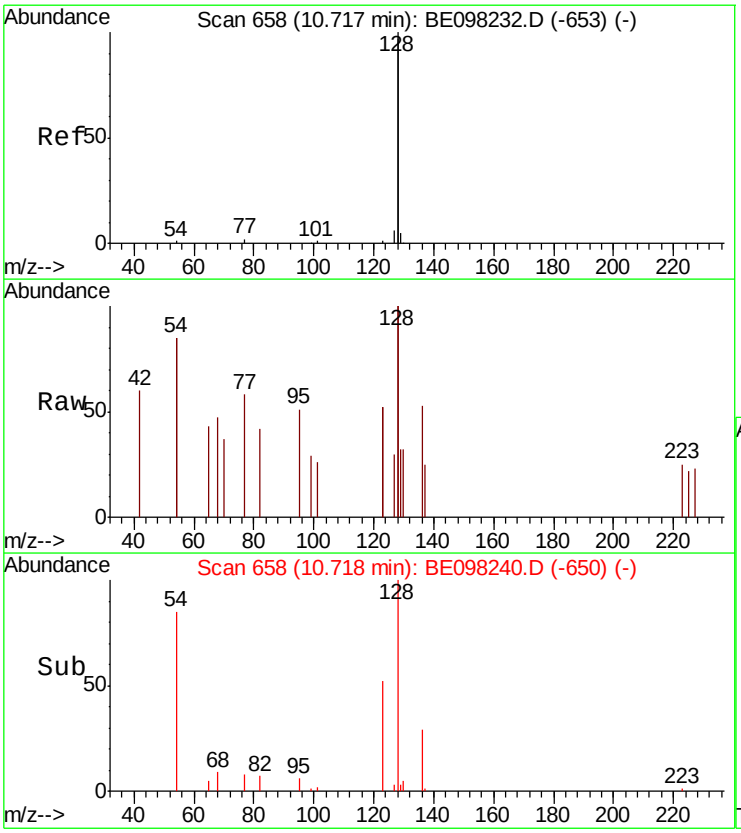
#8
Nitrobenzene-d5
Concen: 0.424 ng
RT: 9.02 min Scan# 527
Delta R.T. 0.00 min
Lab File: BE098240.D
Acq: 16 Nov 2018 21:36

Instrument :
BNA_E
ClientSampleId :
KY038PS035-181112

Tgt Ion: 82 Resp: 2507

Ion	Ratio	Lower	Upper
82	100		
128	126.6	96.1	144.1
54	287.4	232.0	348.0

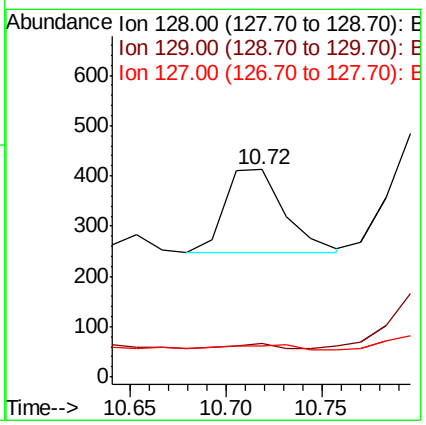


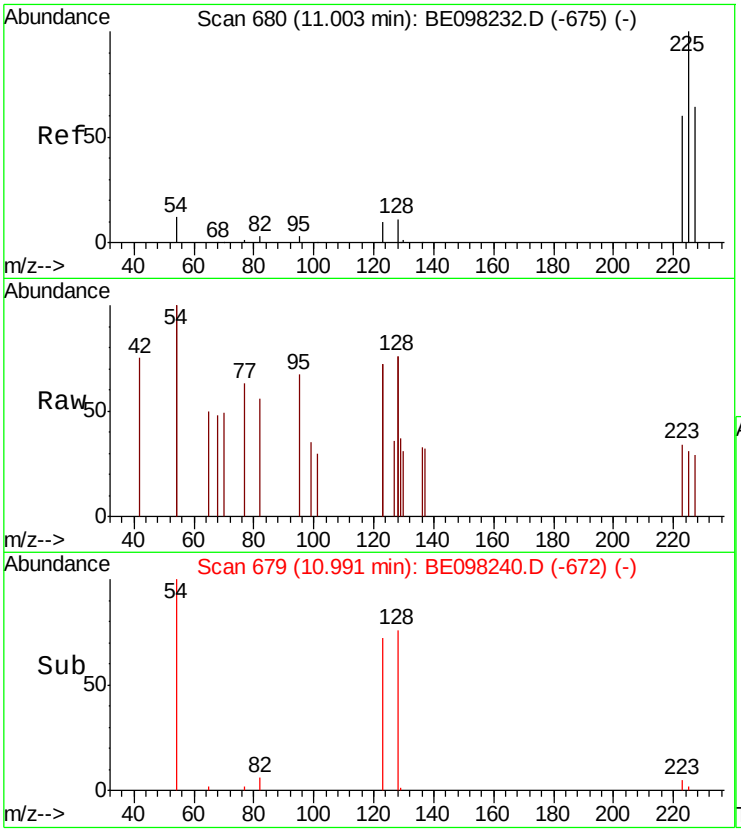


#9
Naphthalene
Concen: 0.006 ng
RT: 10.72 min Scan# 658
Delta R.T. 0.00 min
Lab File: BE098240.D
Acq: 16 Nov 2018 21:36

Tgt Ion:128 Resp: 361

Ion	Ratio	Lower	Upper
128	100		
129	16.0	2.6	4.0#
127	15.0	2.8	4.2#



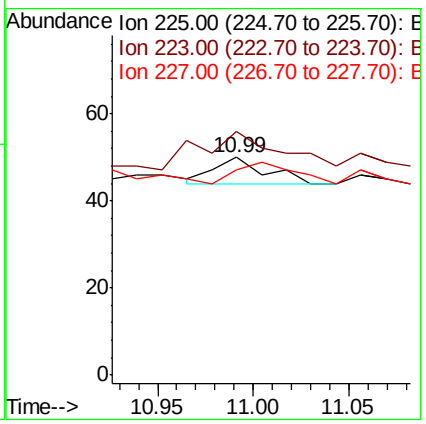


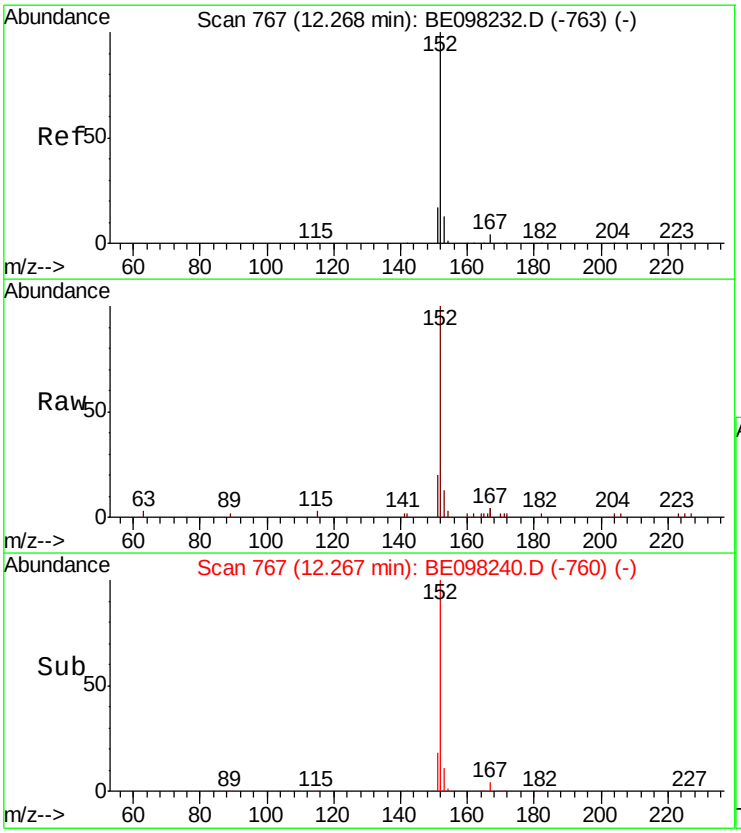
#10
Hexachlorobutadiene
Concen: 0.003 ng
RT: 10.99 min Scan# 679
Delta R.T. -0.01 min
Lab File: BE098240.D
Acq: 16 Nov 2018 21:36

Instrument :
BNA_E
ClientSampleId :
KY038PS035-181112

Tgt Ion:225 Resp: 11

Ion	Ratio	Lower	Upper
225	100		
223	181.8	50.5	75.7#
227	90.9	50.3	75.5#

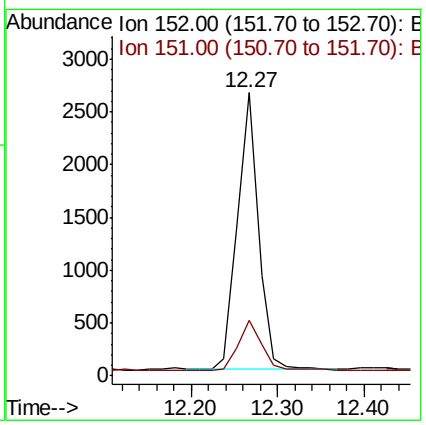


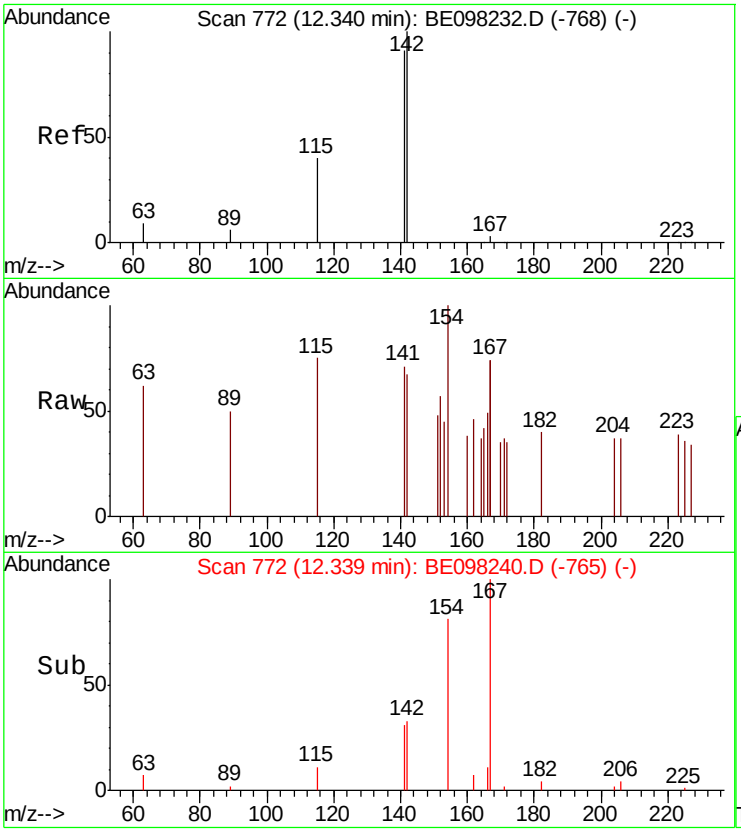


#11
2-Methylnaphthalene-d10
Concen: 0.401 ng
RT: 12.27 min Scan# 767
Delta R.T. -0.00 min
Lab File: BE098240.D
Acq: 16 Nov 2018 21:36

Tgt Ion:152 Resp: 4407

Ion	Ratio	Lower	Upper
152	100		
151	20.1	15.4	23.2



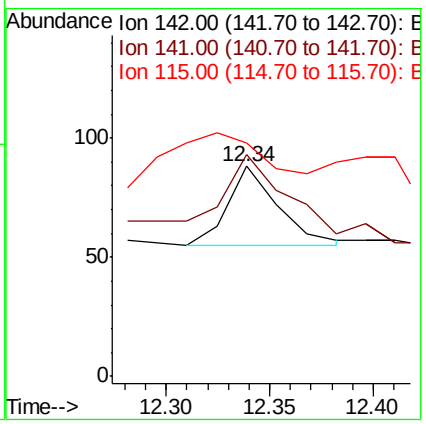


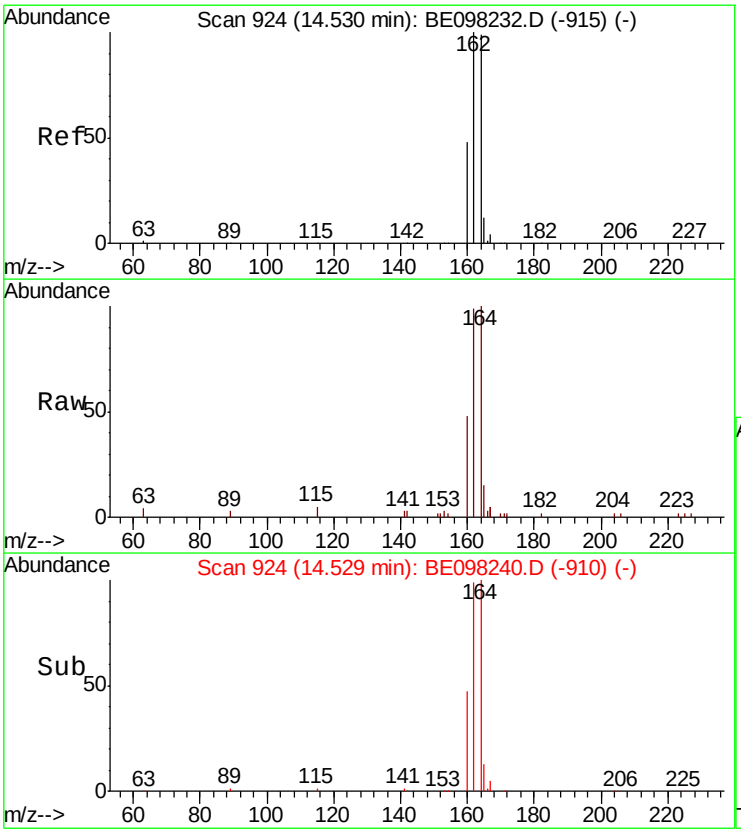
#12
2-Methylnaphthalene
Concen: 0.005 ng
RT: 12.34 min Scan# 772
Delta R.T. -0.00 min
Lab File: BE098240.D
Acq: 16 Nov 2018 21:36

Instrument :
BNA_E
ClientSampleId :
KY038PS035-181112

Tgt Ion:142 Resp: 56

Ion	Ratio	Lower	Upper
142	100		
141	105.7	76.3	114.5
115	111.4	35.8	53.8#

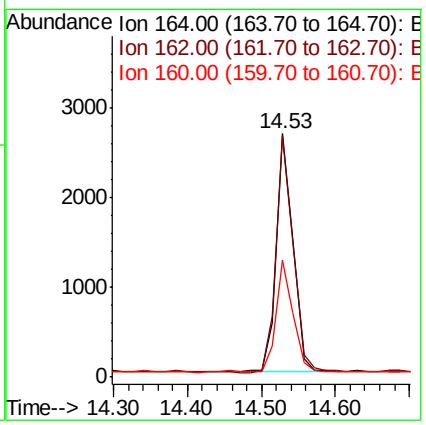


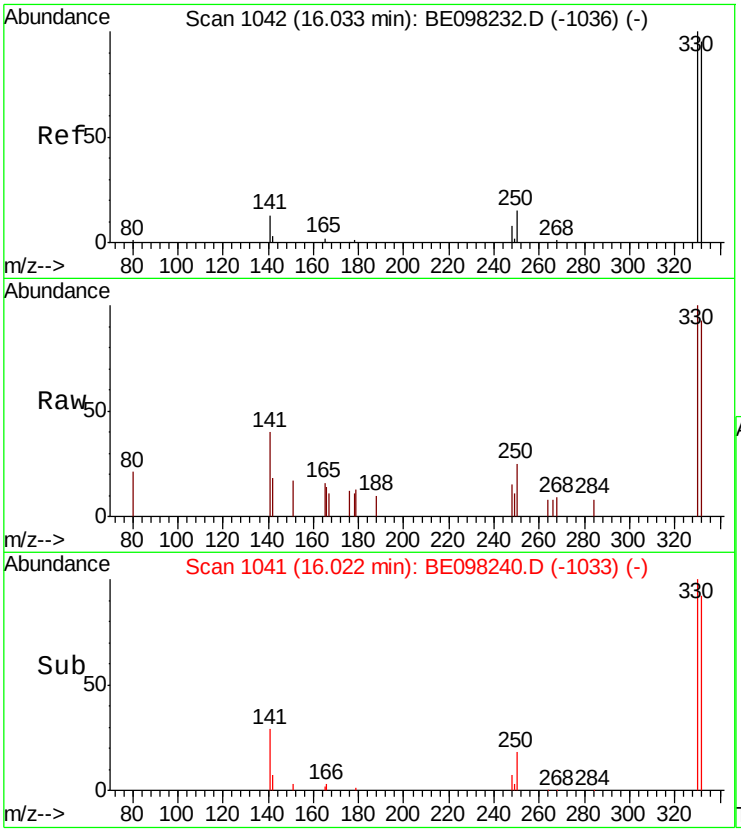


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.53 min Scan# 924
Delta R.T. -0.00 min
Lab File: BE098240.D
Acq: 16 Nov 2018 21:36

Tgt Ion:164 Resp: 4288

Ion	Ratio	Lower	Upper
164	100		
162	99.0	81.8	122.6
160	48.0	39.4	59.0



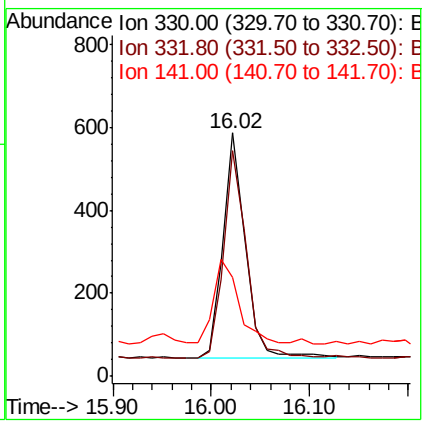


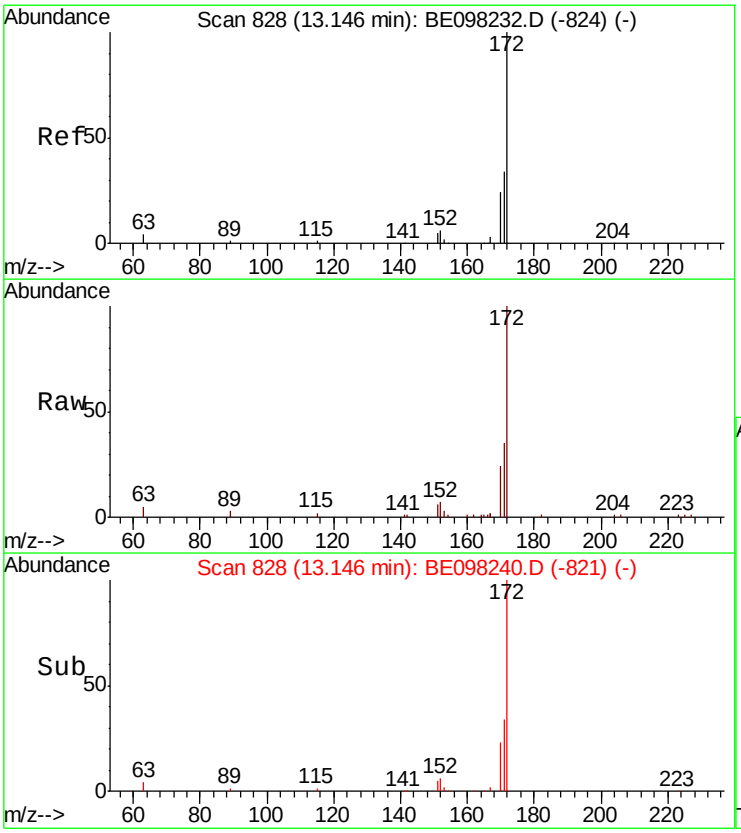
#14
2,4,6-Tribromophenol
Concen: 0.628 ng
RT: 16.02 min Scan# 1041
Delta R.T. -0.01 min
Lab File: BE098240.D
Acq: 16 Nov 2018 21:36

Instrument :
BNA_E
ClientSampleId :
KY038PS035-181112

Tgt Ion:330 Resp: 868

Ion	Ratio	Lower	Upper
330	100		
332	91.2	77.7	116.5
141	39.9	33.6	50.4

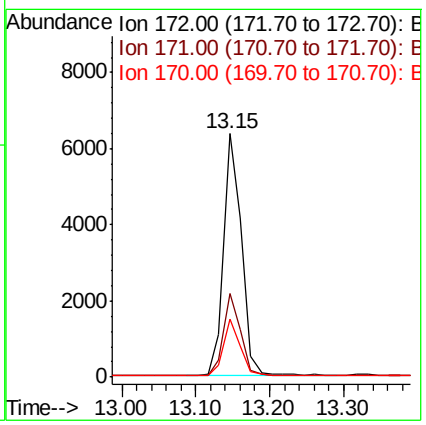


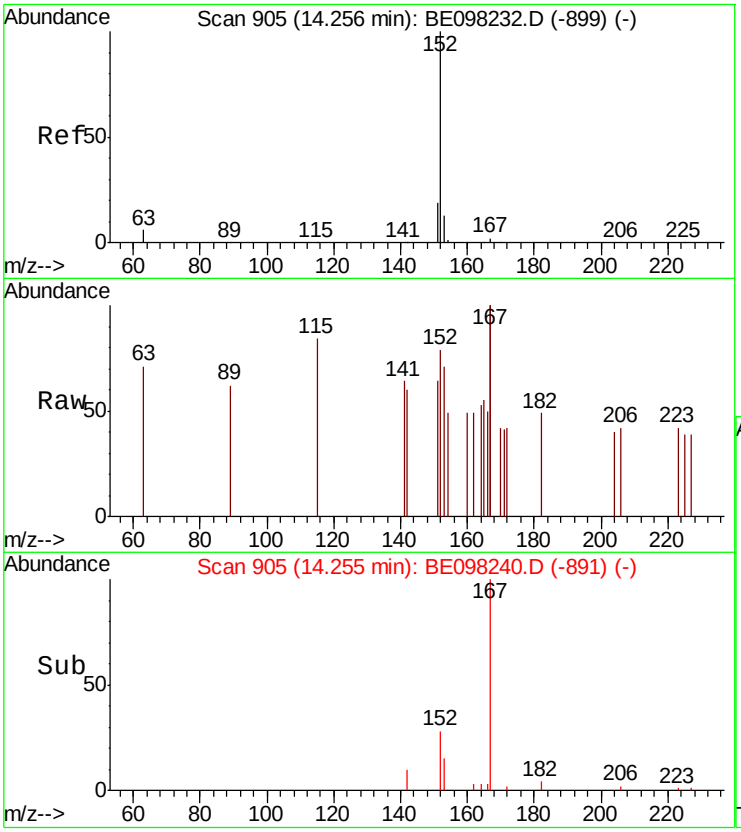


#15
2-Fluorobiphenyl
Concen: 0.568 ng
RT: 13.15 min Scan# 828
Delta R.T. -0.00 min
Lab File: BE098240.D
Acq: 16 Nov 2018 21:36

Tgt Ion:172 Resp: 10581

Ion	Ratio	Lower	Upper
172	100		
171	34.5	27.3	40.9
170	23.8	19.4	29.0



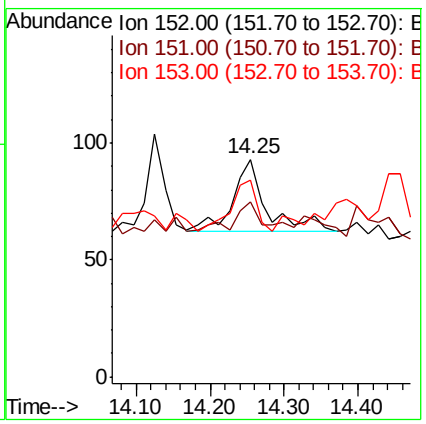


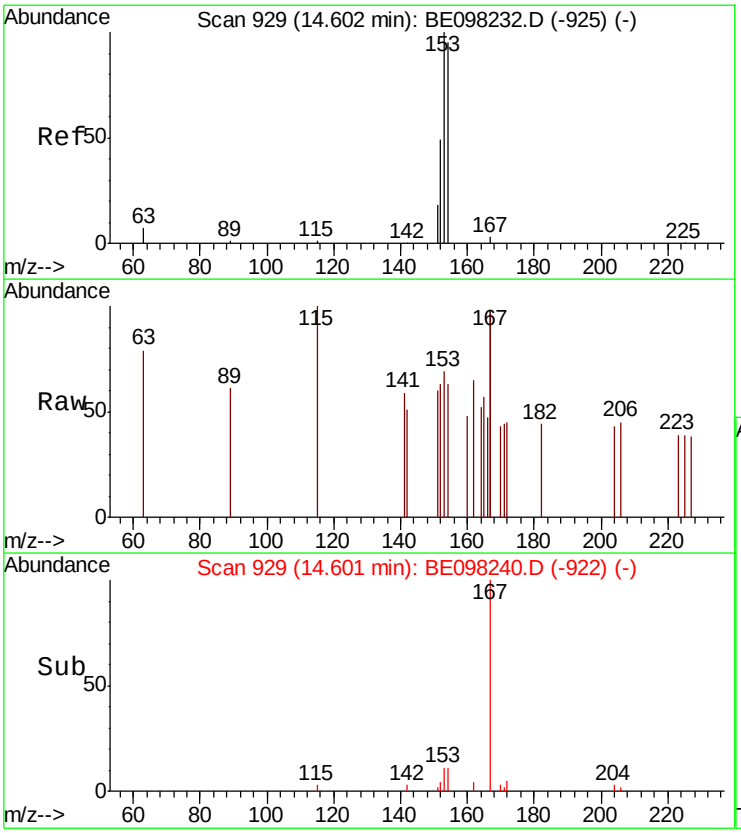
#16
Acenaphthylene
Concen: 0.005 ng
RT: 14.25 min Scan# 905
Delta R.T. -0.00 min
Lab File: BE098240.D
Acq: 16 Nov 2018 21:36

Instrument :
BNA_E
ClientSampleId :
KY038PS035-181112

Tgt Ion:152 Resp: 99

Ion	Ratio	Lower	Upper
152	100		
151	37.4	16.4	24.6#
153	54.5	10.6	15.8#

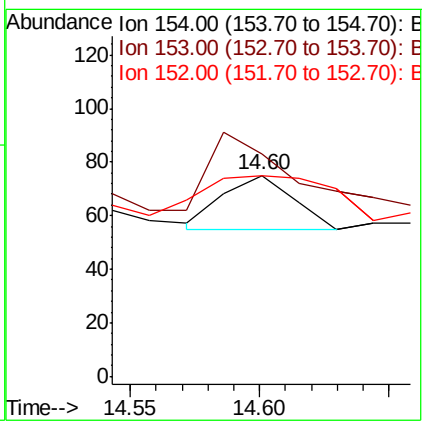


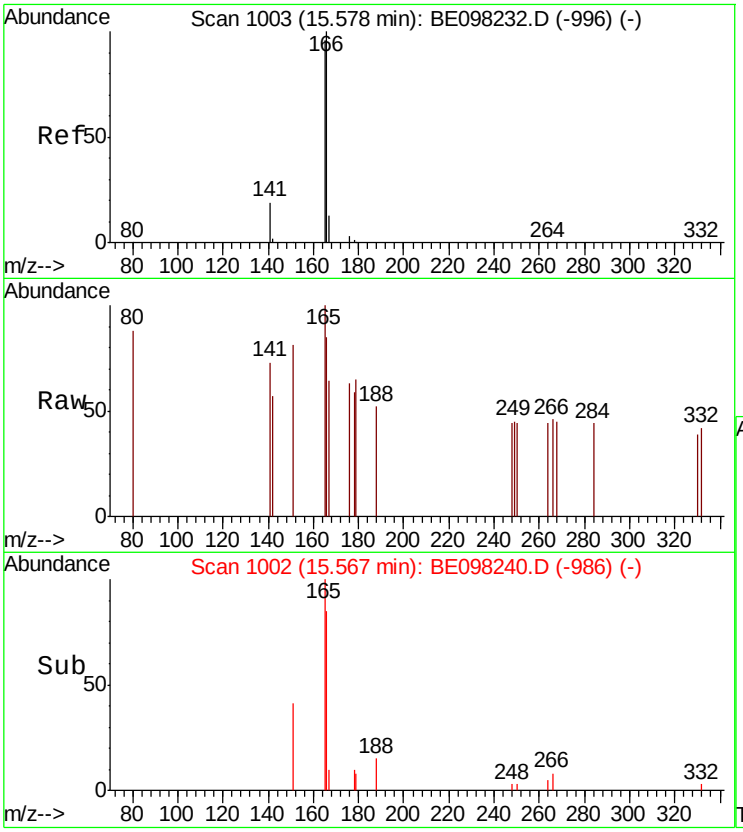


#17
Acenaphthene
Concen: 0.003 ng
RT: 14.60 min Scan# 929
Delta R.T. -0.00 min
Lab File: BE098240.D
Acq: 16 Nov 2018 21:36

Tgt Ion:154 Resp: 37

Ion	Ratio	Lower	Upper
154	100		
153	167.6	92.1	138.1#
152	162.2	46.2	69.2#



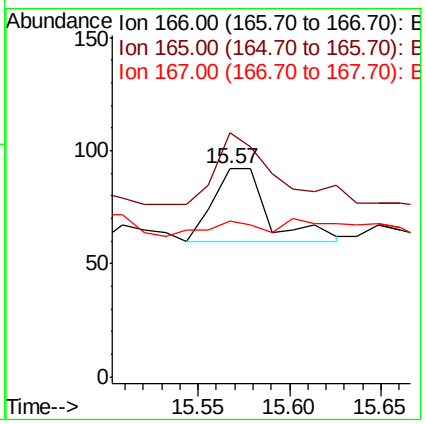


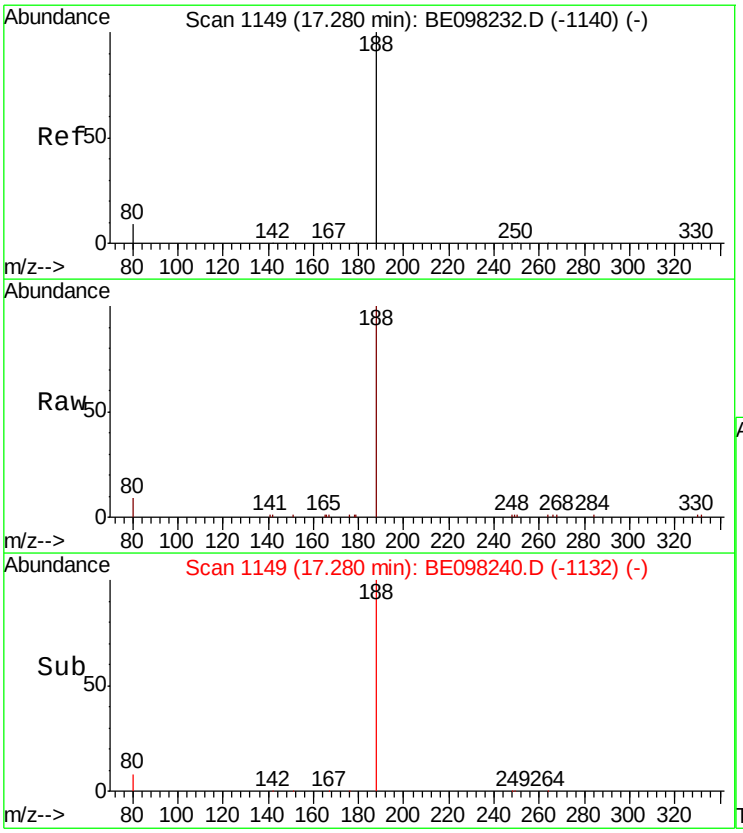
#18
Fluorene
Concen: 0.004 ng
RT: 15.57 min Scan# 1002
Delta R.T. -0.01 min
Lab File: BE098240.D
Acq: 16 Nov 2018 21:36

Instrument :
BNA_E
ClientSampleId :
KY038PS035-181112

Tgt Ion:166 Resp: 67

Ion	Ratio	Lower	Upper
166	100		
165	119.4	80.1	120.1
167	20.9	10.8	16.2#

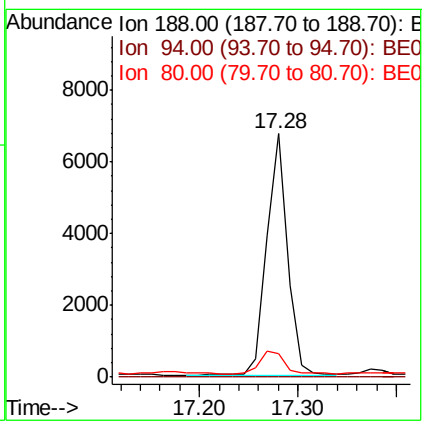


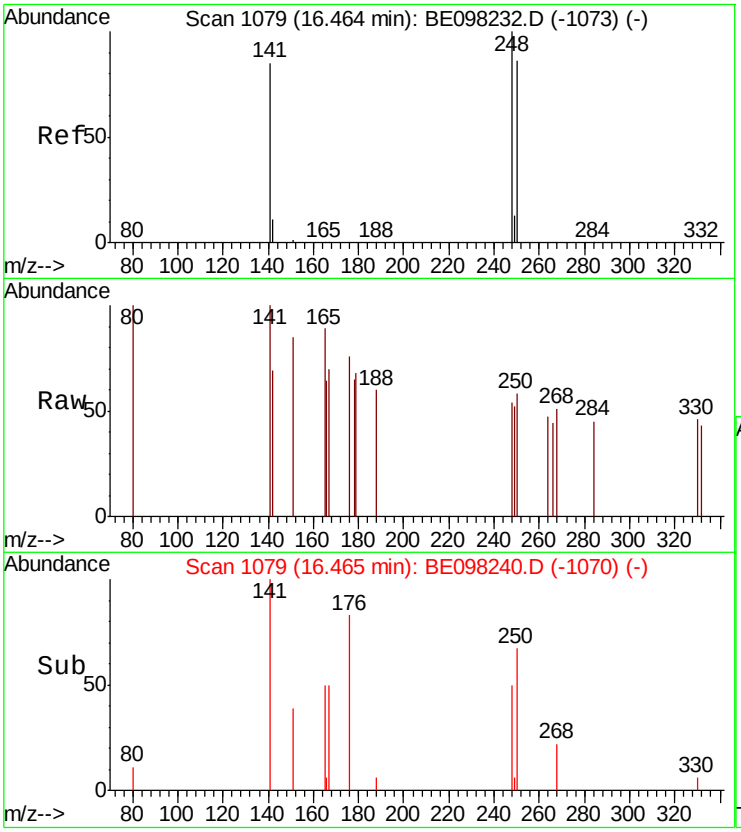


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.28 min Scan# 1149
Delta R.T. 0.00 min
Lab File: BE098240.D
Acq: 16 Nov 2018 21:36

Tgt Ion:188 Resp: 9756

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	9.5	6.7	10.1



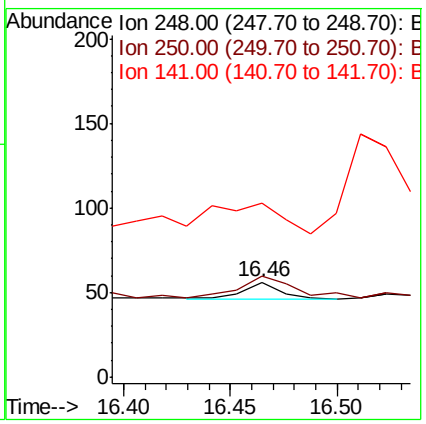


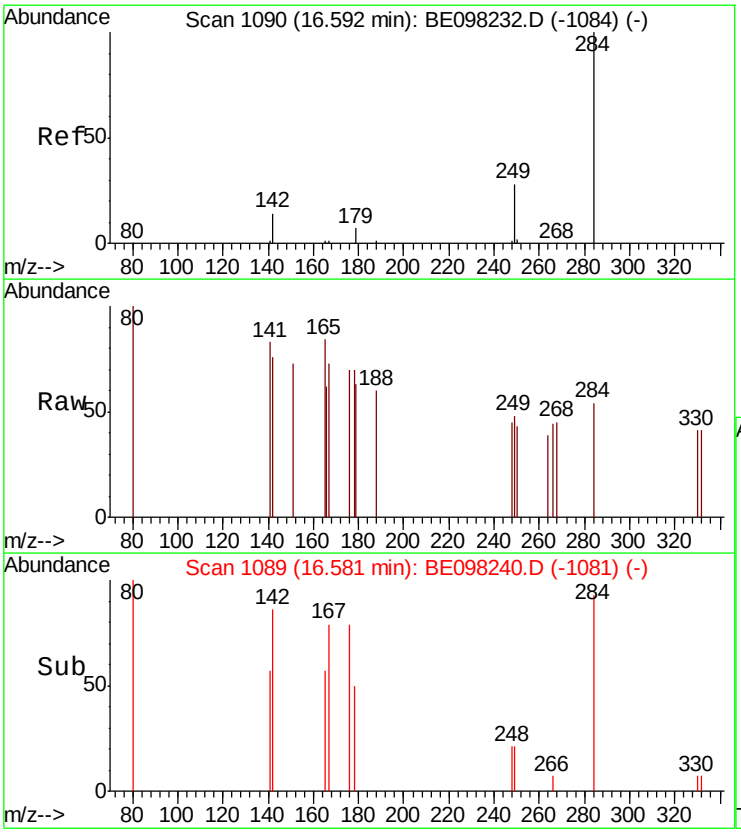
#20
4-Bromophenyl-phenylether
Concen: 0.002 ng
RT: 16.46 min Scan# 1079
Delta R.T. 0.00 min
Lab File: BE098240.D
Acq: 16 Nov 2018 21:36

Instrument :
BNA_E
ClientSampleId :
KY038PS035-181112

Tgt Ion:248 Resp: 13

Ion	Ratio	Lower	Upper
248	100		
250	107.1	77.6	116.4
141	183.9	65.8	98.8#

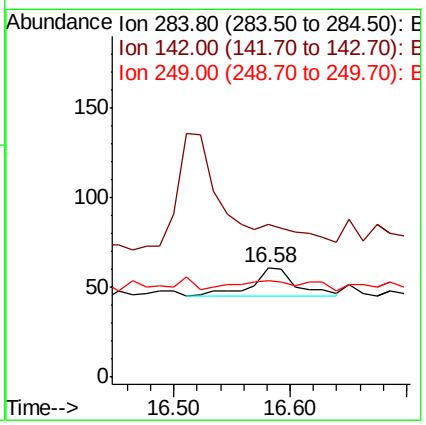


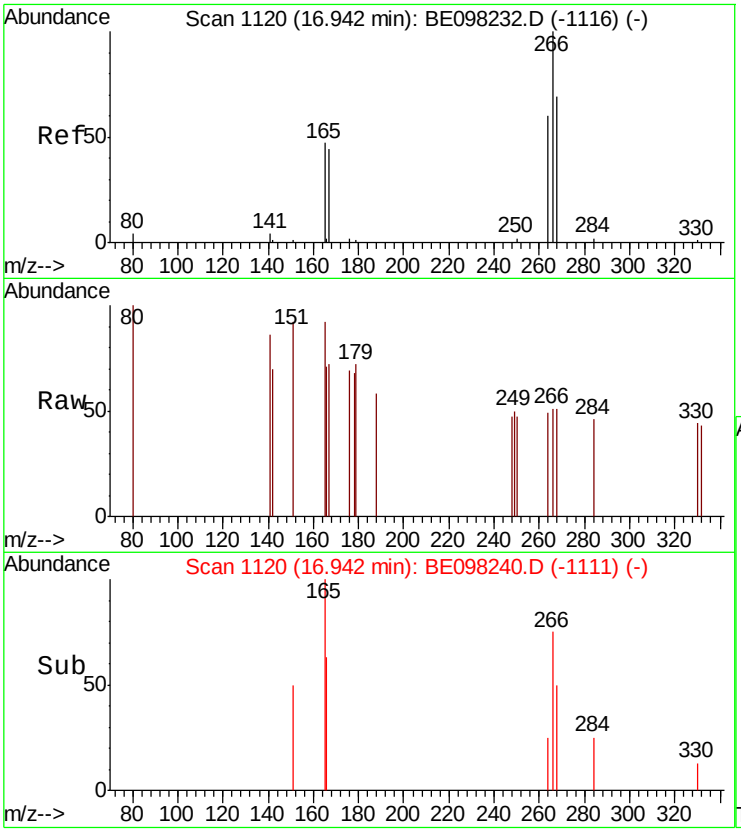


#21
Hexachlorobenzene
Concen: 0.007 ng
RT: 16.58 min Scan# 1089
Delta R.T. -0.01 min
Lab File: BE098240.D
Acq: 16 Nov 2018 21:36

Tgt Ion:284 Resp: 43

Ion	Ratio	Lower	Upper
284	100		
142	0.0	26.5	39.7#
249	60.5	28.4	42.6#



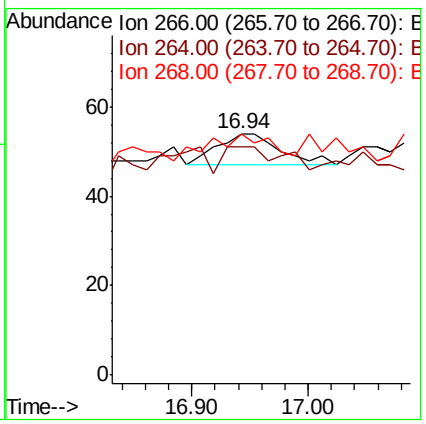


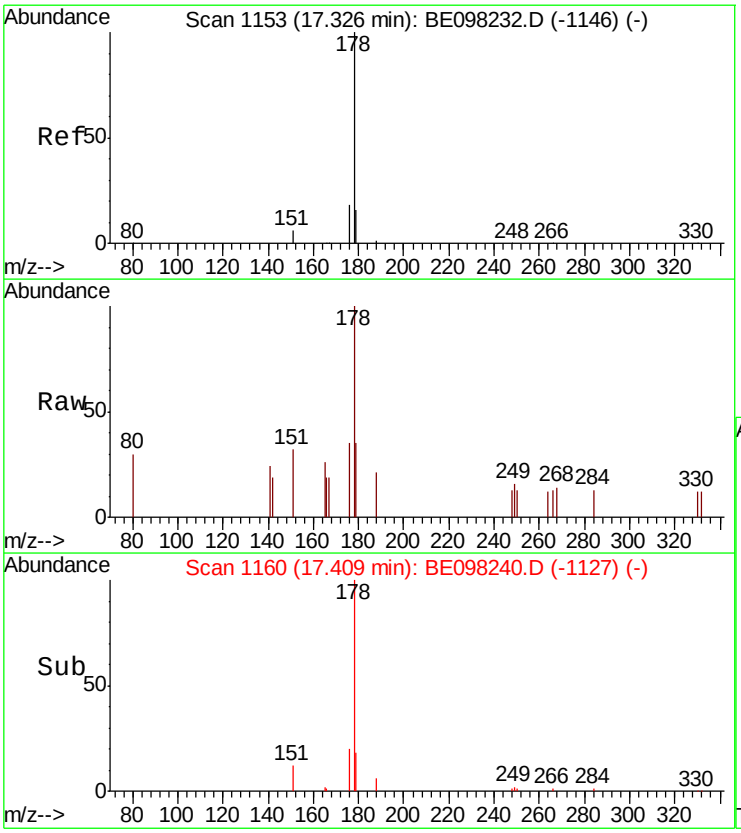
#22
Pentachlorophenol
Concen: 0.122 ng
RT: 16.94 min Scan# 1120
Delta R.T. 0.00 min
Lab File: BE098240.D
Acq: 16 Nov 2018 21:36

Instrument :
BNA_E
ClientSampleId :
KY038PS035-181112

Tgt Ion:266 Resp: 27

Ion	Ratio	Lower	Upper
266	100		
264	94.4	57.6	86.4#
268	100.0	56.8	85.2#

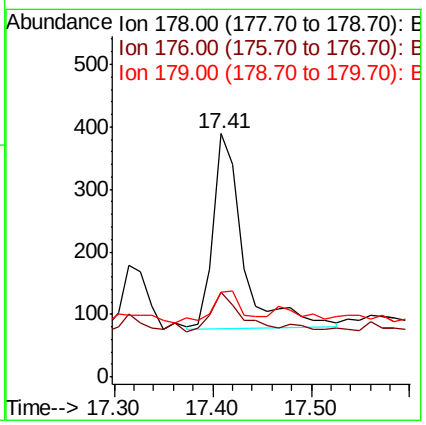


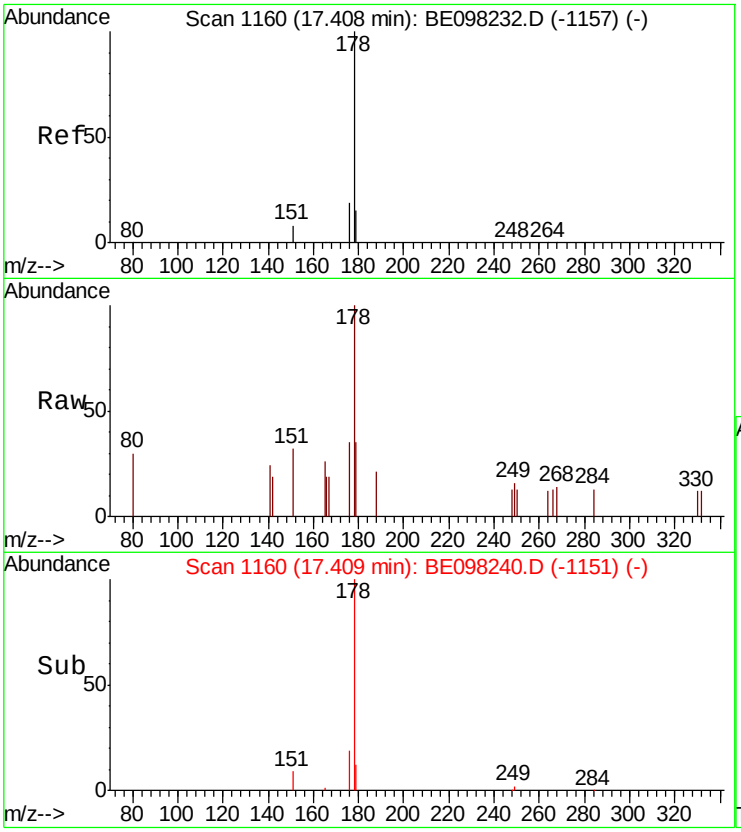


#23
Phenanthrene
Concen: 0.026 ng
RT: 17.41 min Scan# 1160
Delta R.T. 0.08 min
Lab File: BE098240.D
Acq: 16 Nov 2018 21:36

Tgt Ion:178 Resp: 652

Ion	Ratio	Lower	Upper
178	100		
176	19.8	15.8	23.8
179	16.7	12.3	18.5



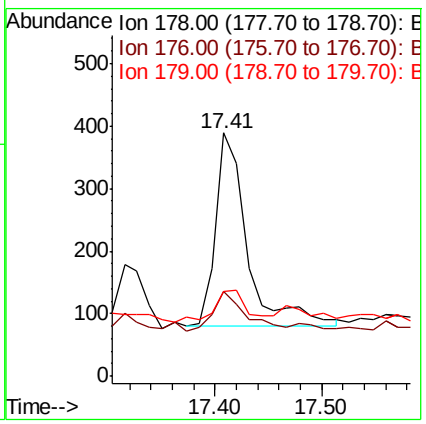


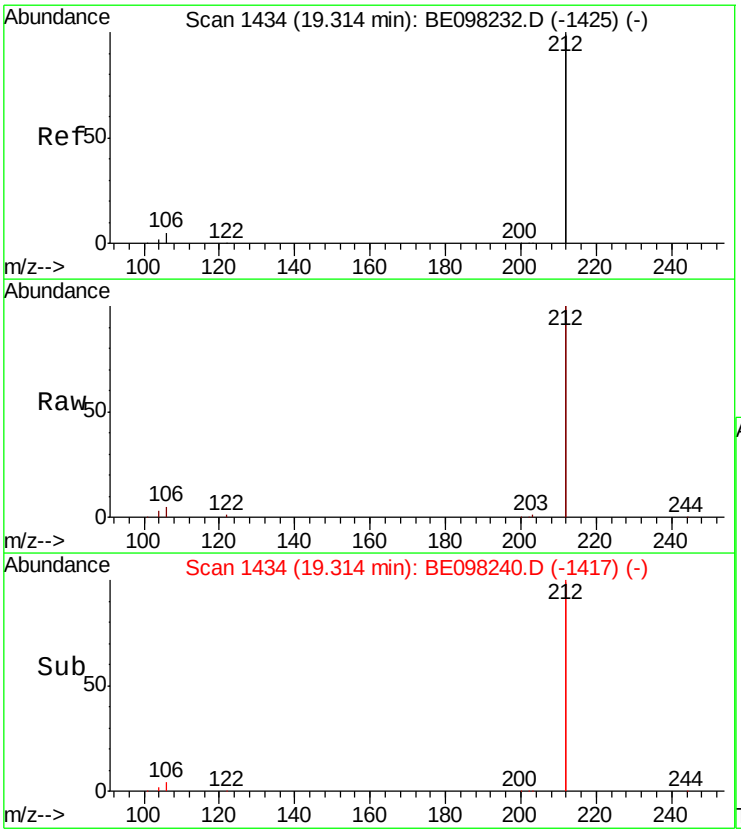
#24
Anthracene
Concen: 0.028 ng
RT: 17.41 min Scan# 1160
Delta R.T. 0.00 min
Lab File: BE098240.D
Acq: 16 Nov 2018 21:36

Instrument :
BNA_E
ClientSampleId :
KY038PS035-181112

Tgt Ion:178 Resp: 630

Ion	Ratio	Lower	Upper
178	100		
176	20.5	15.7	23.5
179	17.3	12.1	18.1

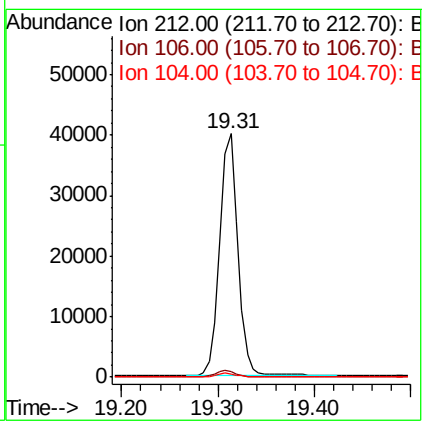


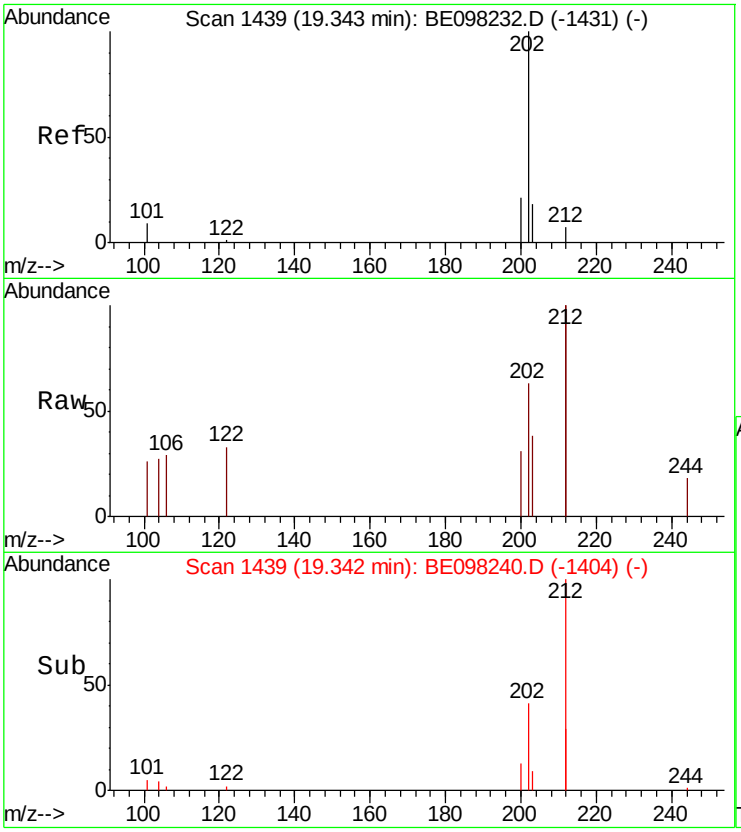


#25
Fluoranthene-d10
Concen: 0.448 ng
RT: 19.31 min Scan# 1434
Delta R.T. -0.00 min
Lab File: BE098240.D
Acq: 16 Nov 2018 21:36

Tgt Ion:212 Resp: 53135

Ion	Ratio	Lower	Upper
212	100		
106	2.7	1.8	2.8
104	1.5	1.1	1.7



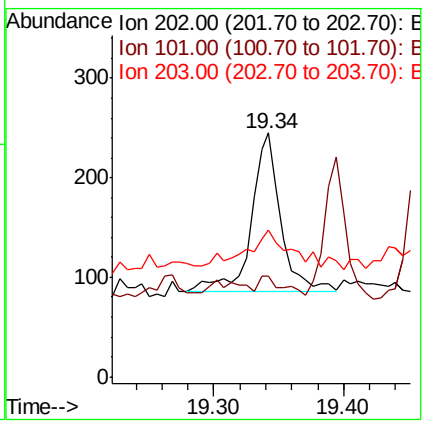


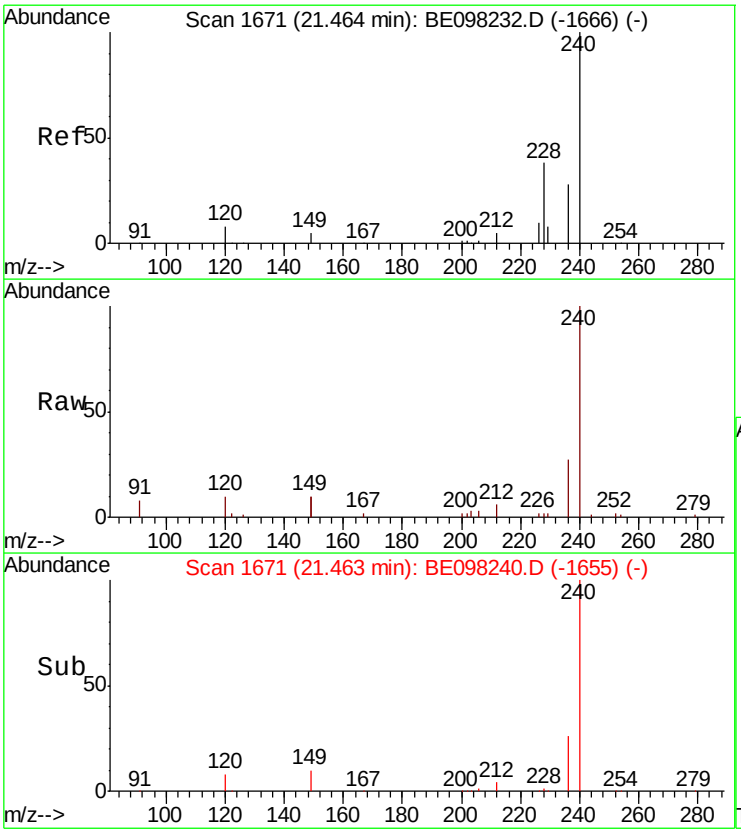
#26
Fluoranthene
Concen: 0.008 ng
RT: 19.34 min Scan# 1439
Delta R.T. -0.00 min
Lab File: BE098240.D
Acq: 16 Nov 2018 21:36

Instrument :
BNA_E
ClientSampleId :
KY038PS035-181112

Tgt Ion:202 Resp: 248

Ion	Ratio	Lower	Upper
202	100		
101	9.3	7.0	10.6
203	36.7	13.7	20.5#

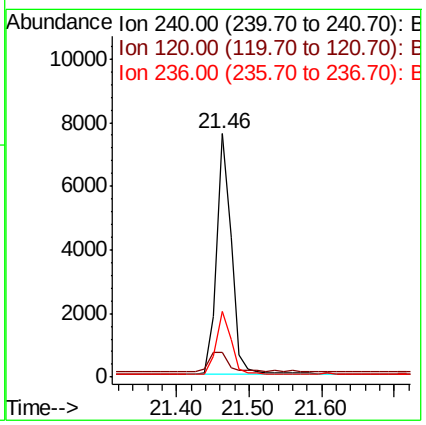


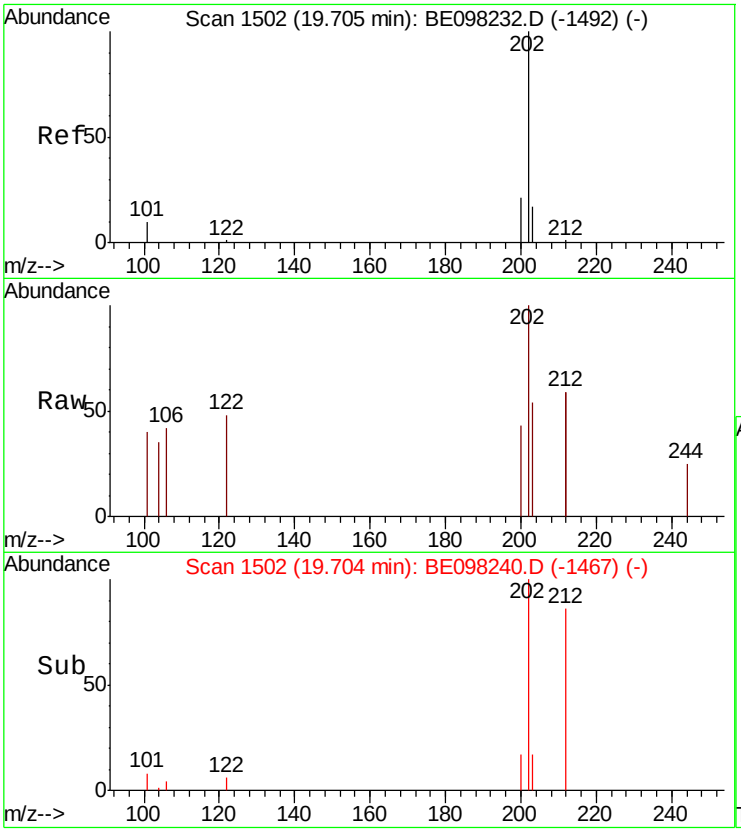


#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.46 min Scan# 1671
Delta R.T. -0.00 min
Lab File: BE098240.D
Acq: 16 Nov 2018 21:36

Tgt Ion:240 Resp: 10824

Ion	Ratio	Lower	Upper
240	100		
120	10.2	4.8	7.2#
236	27.2	21.4	32.0



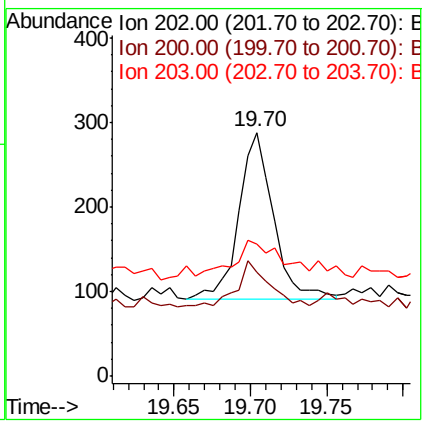


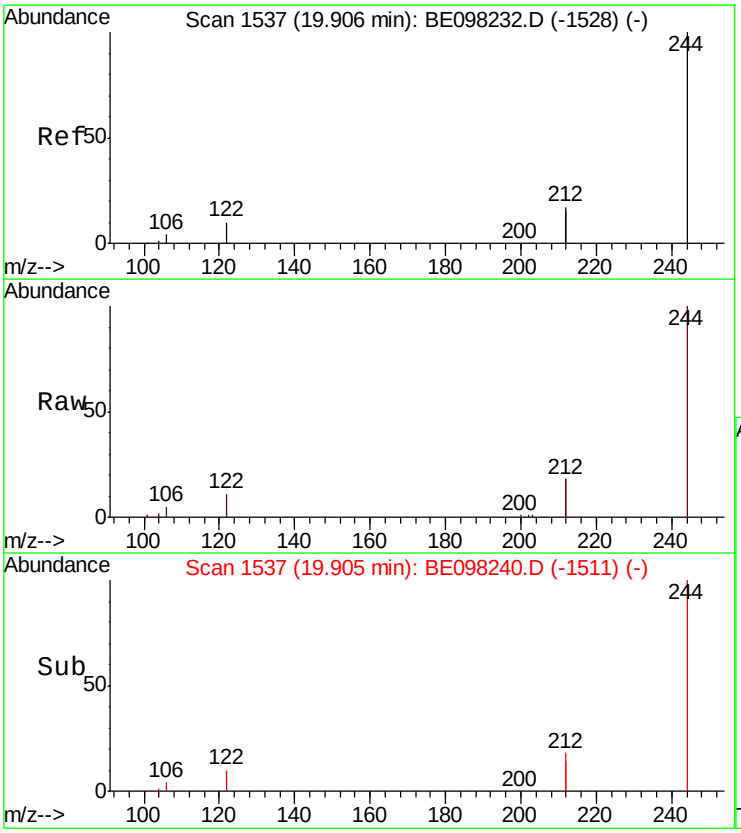
#28
Pyrene
Concen: 0.010 ng
RT: 19.70 min Scan# 1502
Delta R.T. -0.00 min
Lab File: BE098240.D
Acq: 16 Nov 2018 21:36

Instrument :
BNA_E
ClientSampleId :
KY038PS035-181112

Tgt Ion:202 Resp: 309

Ion	Ratio	Lower	Upper
202	100		
200	25.9	17.2	25.8#
203	27.8	14.2	21.4#

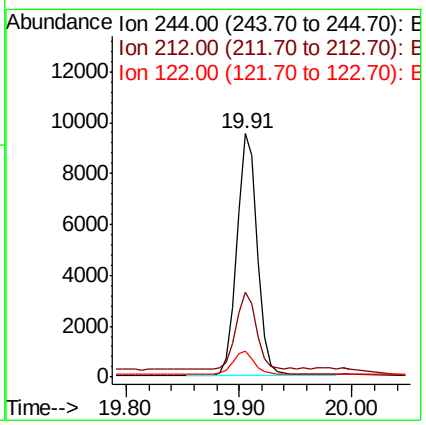


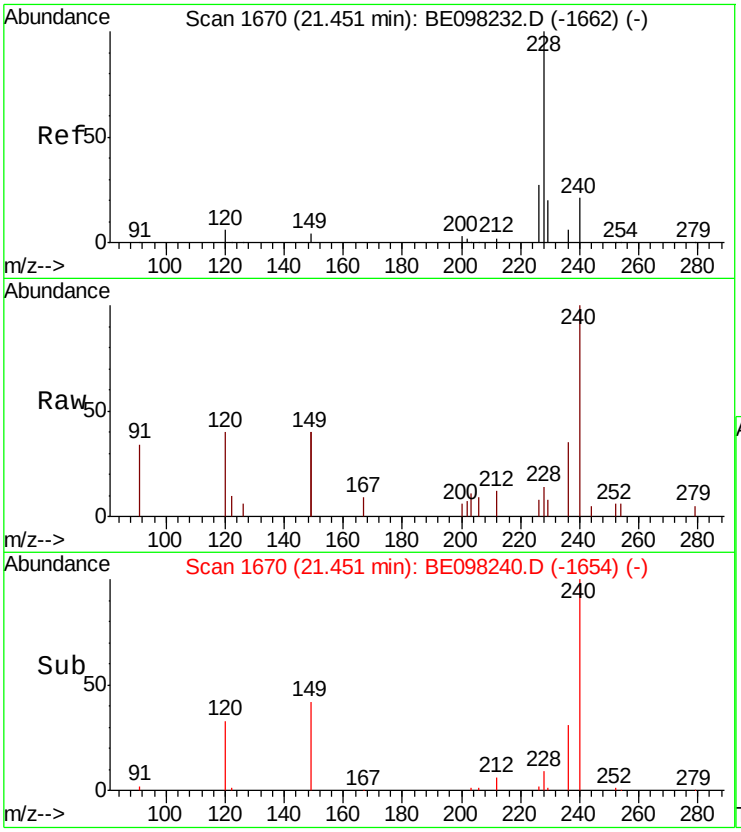


#29
Terphenyl-d14
Concen: 0.484 ng
RT: 19.91 min Scan# 1537
Delta R.T. -0.00 min
Lab File: BE098240.D
Acq: 16 Nov 2018 21:36

Tgt Ion:244 Resp: 12035

Ion	Ratio	Lower	Upper
244	100		
212	35.1	26.8	40.2
122	10.8	7.0	10.6#



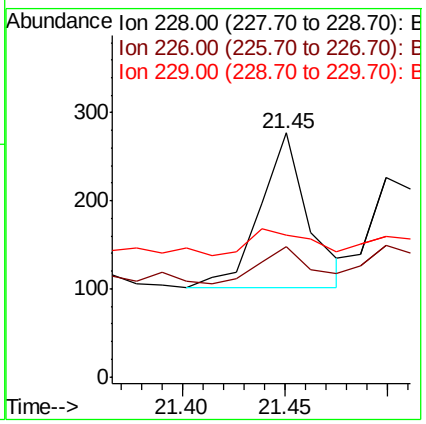


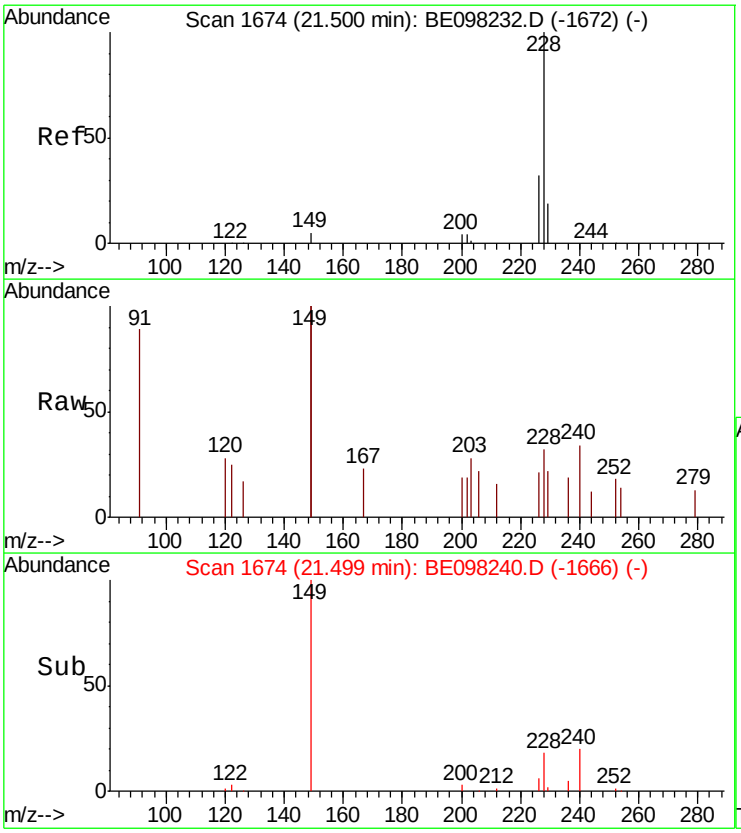
#30
Benzo(a)anthracene
Concen: 0.009 ng
RT: 21.45 min Scan# 1670
Delta R.T. -0.00 min
Lab File: BE098240.D
Acq: 16 Nov 2018 21:36

Instrument :
BNA_E
ClientSampleId :
KY038PS035-181112

Tgt Ion:228 Resp: 289

Ion	Ratio	Lower	Upper
228	100		
226	53.4	20.7	31.1#
229	58.1	16.2	24.4#

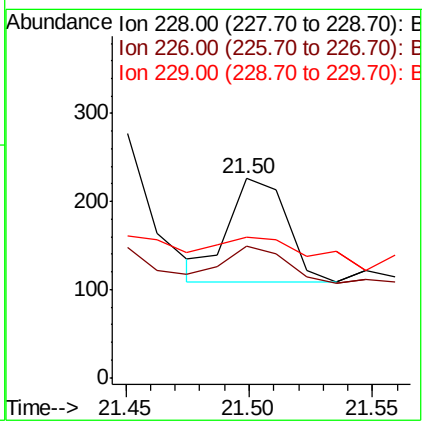


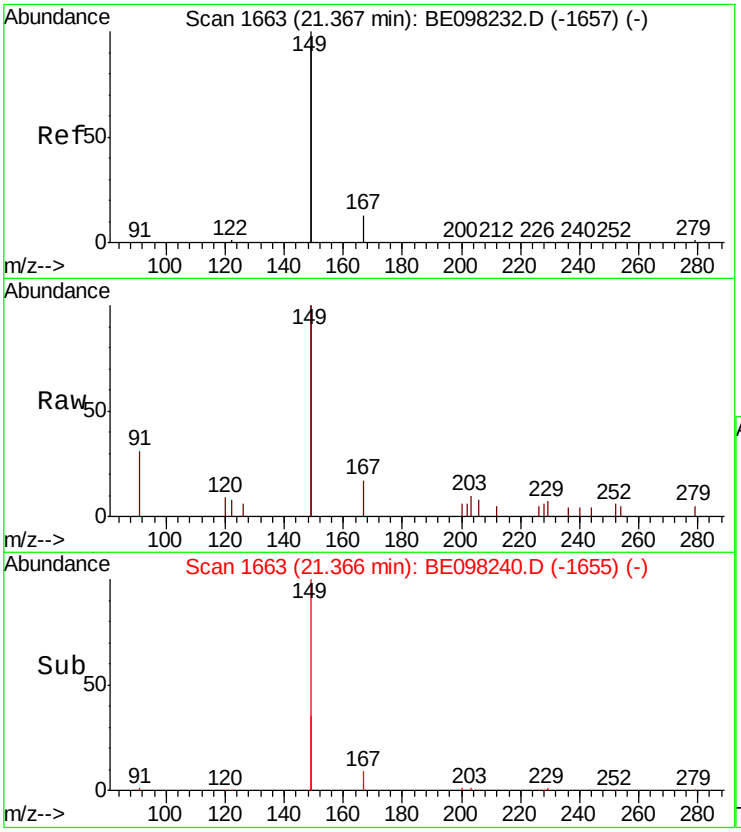


#31
Chrysene
Concen: 0.006 ng
RT: 21.50 min Scan# 1674
Delta R.T. -0.00 min
Lab File: BE098240.D
Acq: 16 Nov 2018 21:36

Tgt Ion:228 Resp: 195

Ion	Ratio	Lower	Upper
228	100		
226	65.9	24.6	36.8#
229	70.4	16.0	24.0#



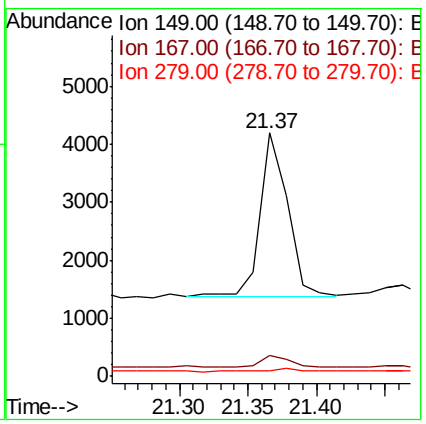


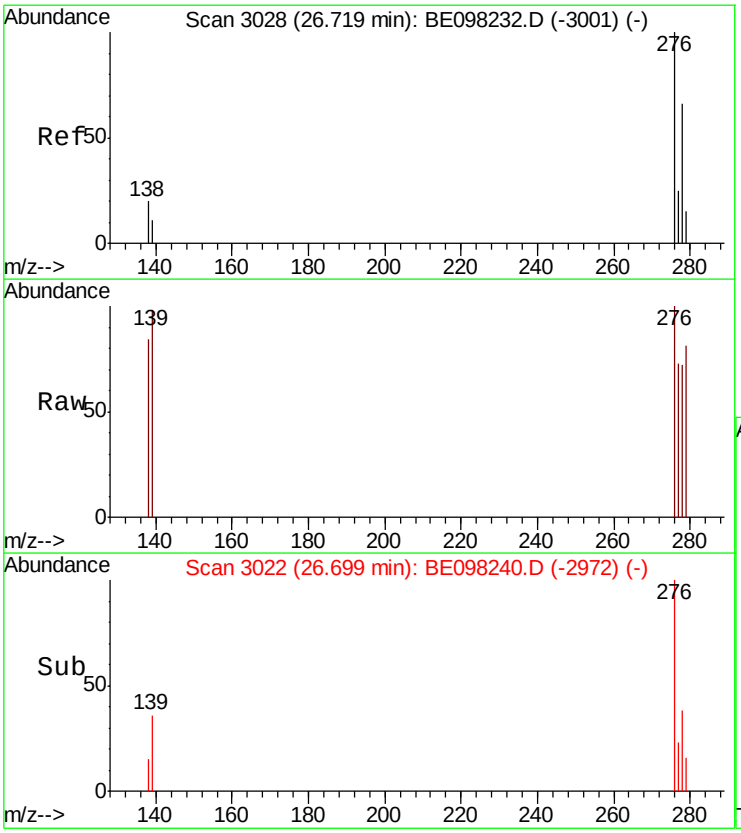
#32
Bis(2-ethylhexyl)phthalate
Concen: 0.080 ng
RT: 21.37 min Scan# 1663
Delta R.T. -0.00 min
Lab File: BE098240.D
Acq: 16 Nov 2018 21:36

Instrument :
BNA_E
ClientSampleId :
KY038PS035-181112

Tgt Ion:149 Resp: 3896

Ion	Ratio	Lower	Upper
149	100		
167	8.2	5.6	8.4
279	2.8	0.9	1.3#

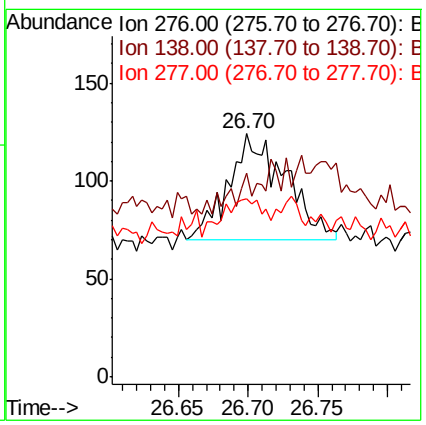


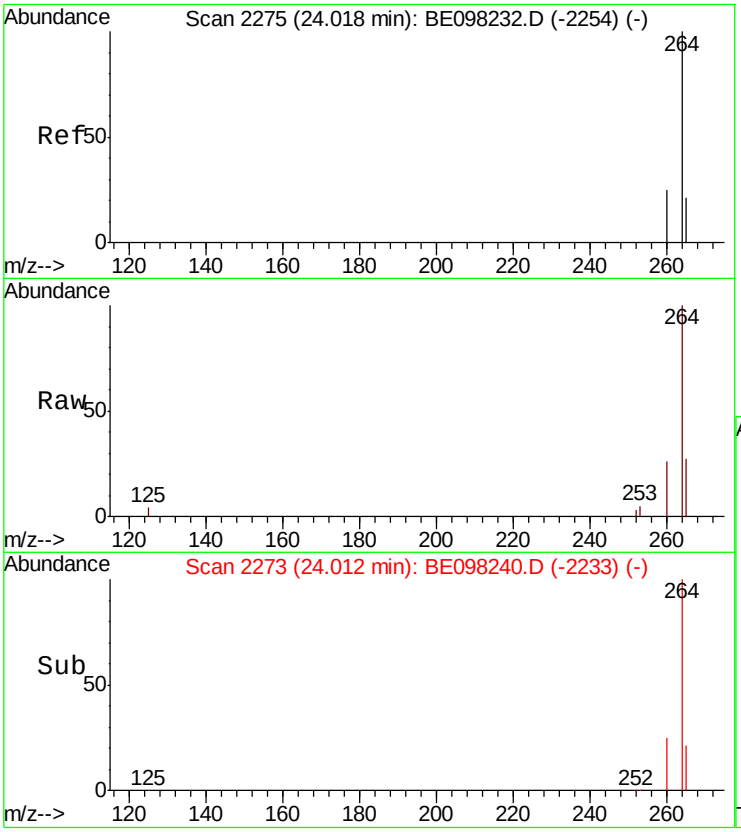


#33
Indeno(1,2,3-cd)pyrene
Concen: 0.006 ng
RT: 26.70 min Scan# 3022
Delta R.T. -0.02 min
Lab File: BE098240.D
Acq: 16 Nov 2018 21:36

Tgt Ion:276 Resp: 154

Ion	Ratio	Lower	Upper
276	100		
138	12.3	6.4	9.6#
277	17.5	18.9	28.3#



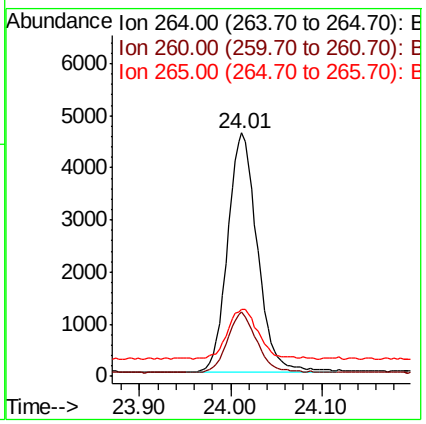


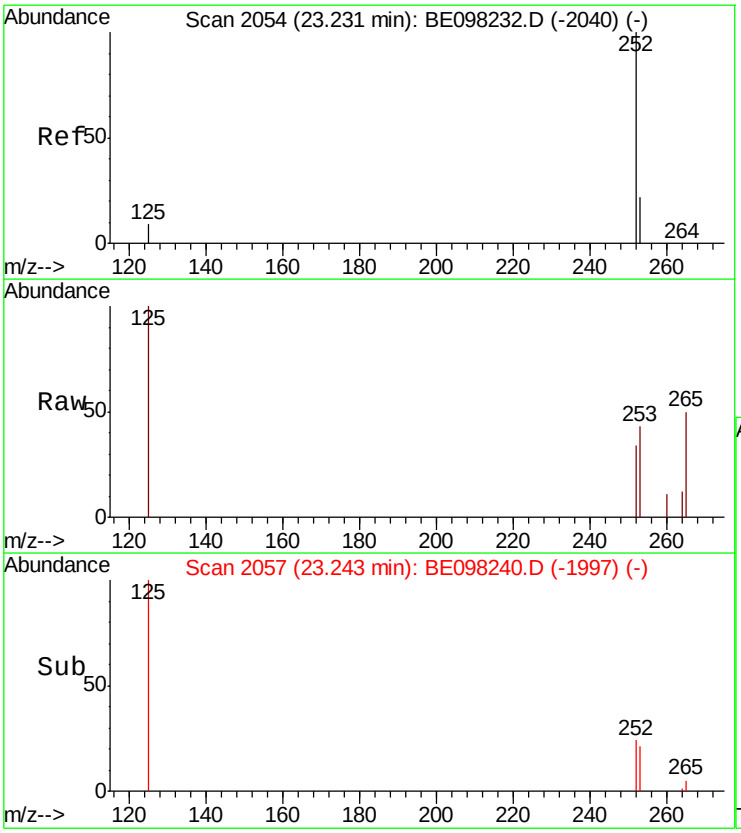
#34
Perylene-d12
Concen: 0.400 ng
RT: 24.01 min Scan# 2273
Delta R.T. -0.01 min
Lab File: BE098240.D
Acq: 16 Nov 2018 21:36

Instrument :
BNA_E
ClientSampleId :
KY038PS035-181112

Tgt Ion:264 Resp: 10461

Ion	Ratio	Lower	Upper
264	100		
260	26.3	19.9	29.9
265	27.5	21.3	31.9

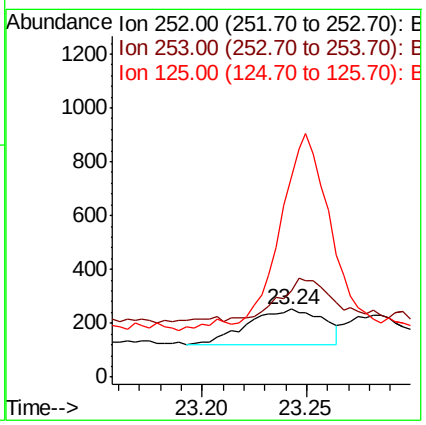


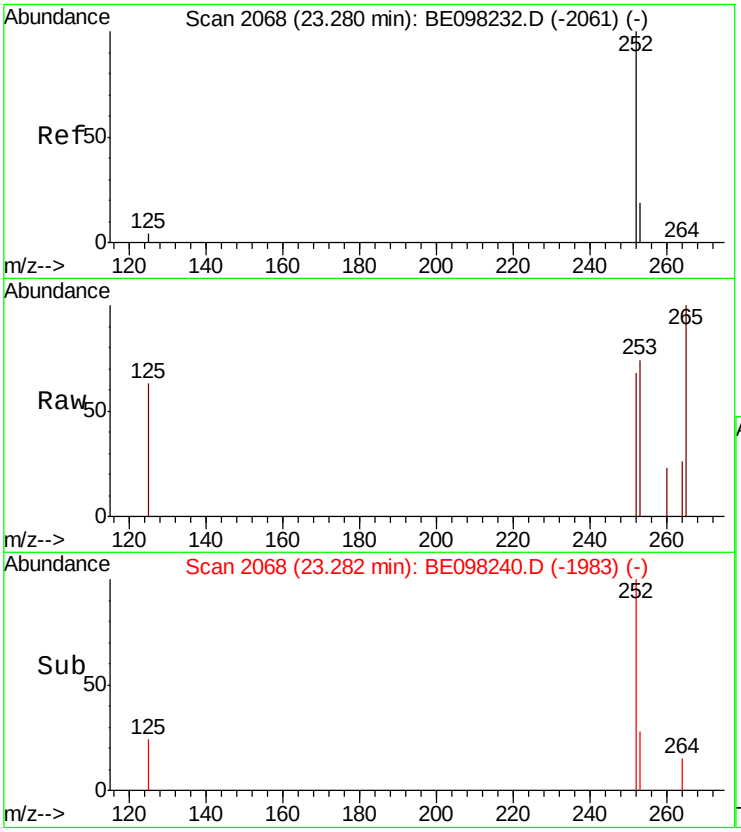


#35
Benzo(b)fluoranthene
Concen: 0.011 ng
RT: 23.24 min Scan# 2057
Delta R.T. 0.01 min
Lab File: BE098240.D
Acq: 16 Nov 2018 21:36

Tgt Ion:252 Resp: 329

Ion	Ratio	Lower	Upper
252	100		
253	127.0	19.4	29.0#
125	294.0	8.6	12.8#



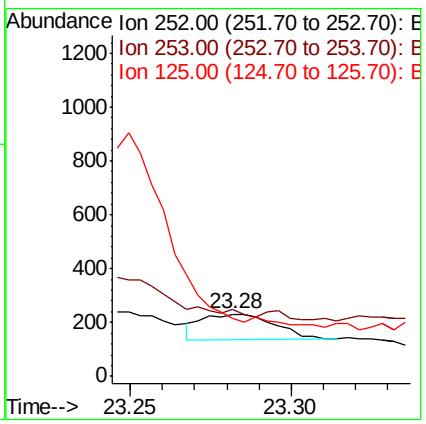


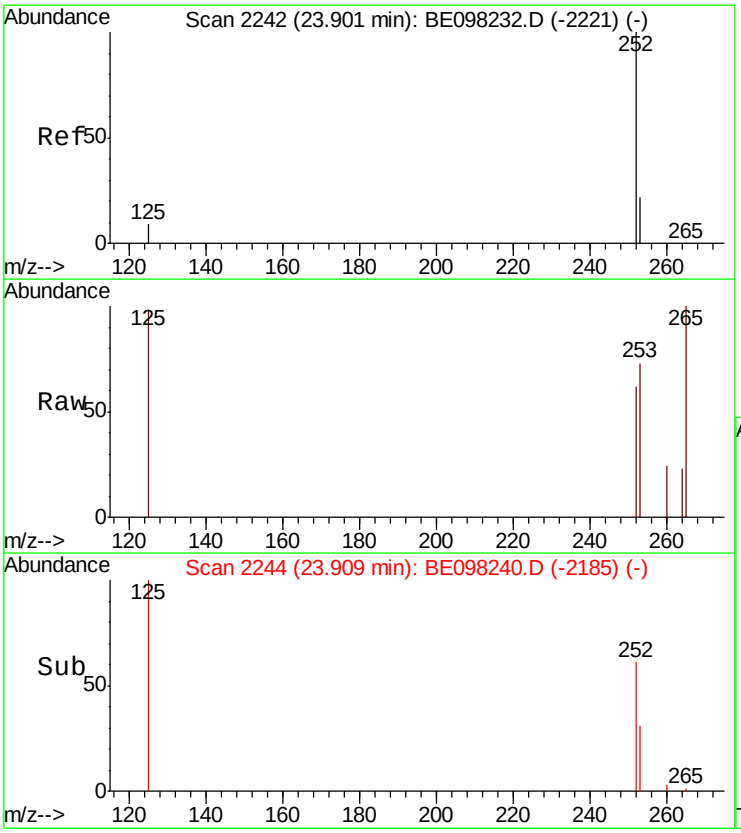
#36
Benzo(k)fluoranthene
Concen: 0.005 ng
RT: 23.28 min Scan# 2068
Delta R.T. 0.00 min
Lab File: BE098240.D
Acq: 16 Nov 2018 21:36

Instrument :
BNA_E
ClientSampleId :
KY038PS035-181112

Tgt Ion:252 Resp: 152

Ion	Ratio	Lower	Upper
252	100		
253	108.7	18.6	28.0#
125	92.6	7.4	11.0#

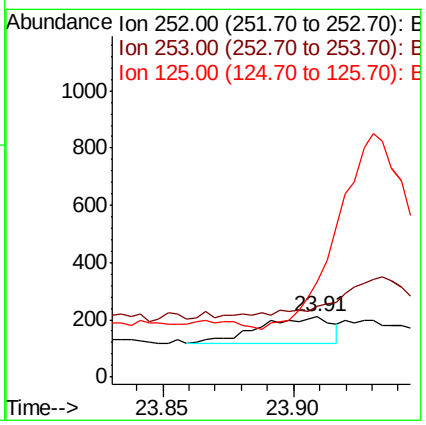


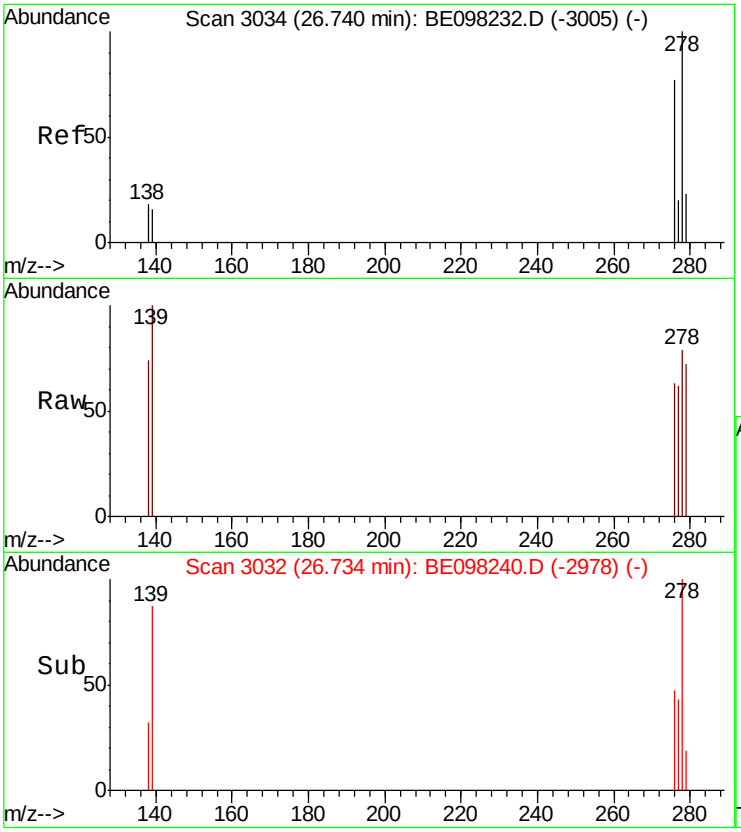


#37
Benzo(a)pyrene
Concen: 0.006 ng
RT: 23.91 min Scan# 2244
Delta R.T. 0.01 min
Lab File: BE098240.D
Acq: 16 Nov 2018 21:36

Tgt Ion:252 Resp: 183

Ion	Ratio	Lower	Upper
252	100		
253	118.0	18.6	27.8#
125	157.3	8.0	12.0#



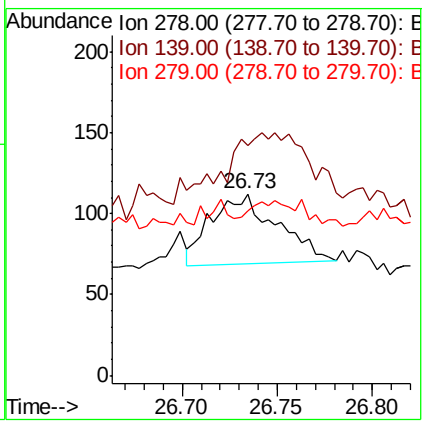


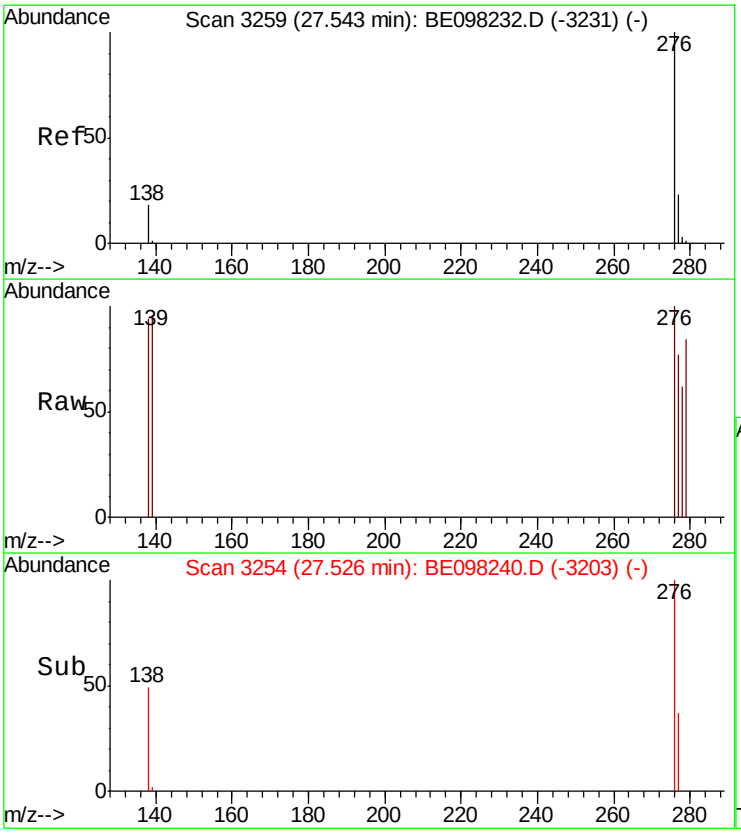
#38
Dibenzo(a,h)anthracene
Concen: 0.004 ng
RT: 26.73 min Scan# 3032
Delta R.T. -0.01 min
Lab File: BE098240.D
Acq: 16 Nov 2018 21:36

Instrument :
BNA_E
ClientSampleId :
KY038PS035-181112

Tgt Ion:278 Resp: 103

Ion	Ratio	Lower	Upper
278	100		
139	126.8	16.4	24.6#
279	91.1	21.3	31.9#





#39
Benzo(g,h,i)perylene
Concen: 0.003 ng
RT: 27.53 min Scan# 3254
Delta R.T. -0.02 min
Lab File: BE098240.D
Acq: 16 Nov 2018 21:36

Tgt Ion:276 Resp: 63

Ion	Ratio	Lower	Upper
276	100		
277	76.6	20.4	30.6#
138	94.4	13.2	19.8#