Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE111918\
Data File : BE098245.D
Acq On : 19 Nov 2018 9:51
Operator : SJ/JU
Sample : PB114879BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId :

Quant Time: Nov 19 10:25:36 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	1249	0.40	ng		0.00
7) Naphthalene-d8	10.67	136	4690	0.40	ng		0.00
13) Acenaphthene-d10	14.53	164	2528	0.40	ng		0.00
19) Phenanthrene-d10	17.28	188	6884	0.40	ng		0.00
27) Chrysene-d12	21.46	240	8975	0.40	ng		0.00
34) Perylene-d12	24.02	264	8426	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.45	112	1017	0.30	ng		0.00
5) Phenol-d6	7.04	99	1328	0.25	ng		0.00
8) Nitrobenzene-d5	9.03	82	1446	0.33	ng		0.01
11) 2-Methylnaphthalene-d10	12.27	152	2321	0.28	ng		0.00
14) 2,4,6-Tribromophenol	16.03	330	249	0.31	ng		0.00
15) 2-Fluorobiphenyl	13.15	172	3222	0.29	ng		0.00
25) Fluoranthene-d10	19.31	212	31090	0.37	ng		0.00
29) Terphenyl-d14	19.91	244	5738	0.28	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.38	88	509	0.260	ng	#	49
3) n-Nitrosodimethylamine	3.69	42	784	0.356	ng	#	85
6) bis(2-Chloroethyl)ether	7.29	93	1298	0.288	ng		95
9) Naphthalene	10.72	128	15917	0.333	ng		100
10) Hexachlorobutadiene	11.00	225	900	0.321	ng		99
12) 2-Methylnaphthalene	12.34	142	2637	0.313	ng		97
16) Acenaphthylene	14.25	152	4024	0.334	ng		98
17) Acenaphthene	14.60	154	2303	0.320	ng		99
18) Fluorene	15.58	166	3182	0.347	ng		100
20) 4-Bromophenyl-phenylether	16.46	248	1194	0.280	ng		93
21) Hexachlorobenzene	16.59	284	1187	0.270	ng		97
22) Pentachlorophenol	16.94	266	391	0.556	ng		98
23) Phenanthrene	17.31	178	6042	0.341	ng		100
24) Anthracene	17.41	178	5519	0.343	ng		99
26) Fluoranthene	19.34	202	8311	0.391	ng		99
28) Pyrene	19.70	202	8451	0.322	ng		100
30) Benzo(a)anthracene	21.45	228	8957	0.345	ng		97
31) Chrysene	21.50	228	9126	0.342	ng		100
32) Bis(2-ethylhexyl)phthalate	21.37	149	15261	0.377	ng		100
33) Indeno(1,2,3-cd)pyrene	26.71	276	8173	0.357	ng	#	90
35) Benzo(b)fluoranthene	23.23	252	8498	0.357	ng		99
36) Benzo(k)fluoranthene	23.28	252	8929	0.332	ng		98
37) Benzo(a)pyrene	23.90	252	8269	0.354	ng	#	96
38) Dibenzo(a,h)anthracene	26.73	278	6303	0.337	ng		95
39) Benzo(g,h,i)perylene	27.54	276	7079	0.351	ng	#	94

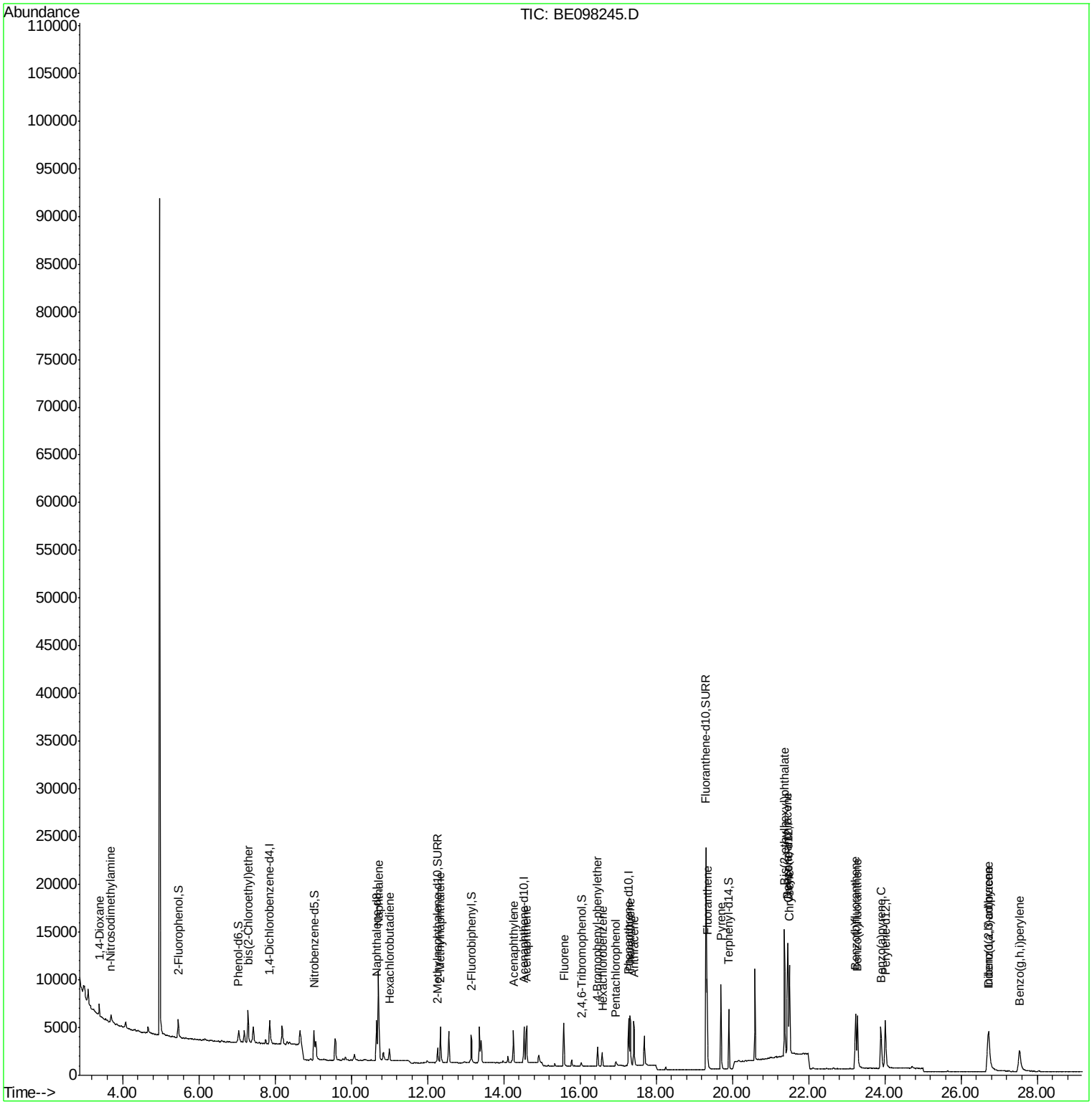
(#) = qualifier out of range (m) = manual integration (+) = signals summed

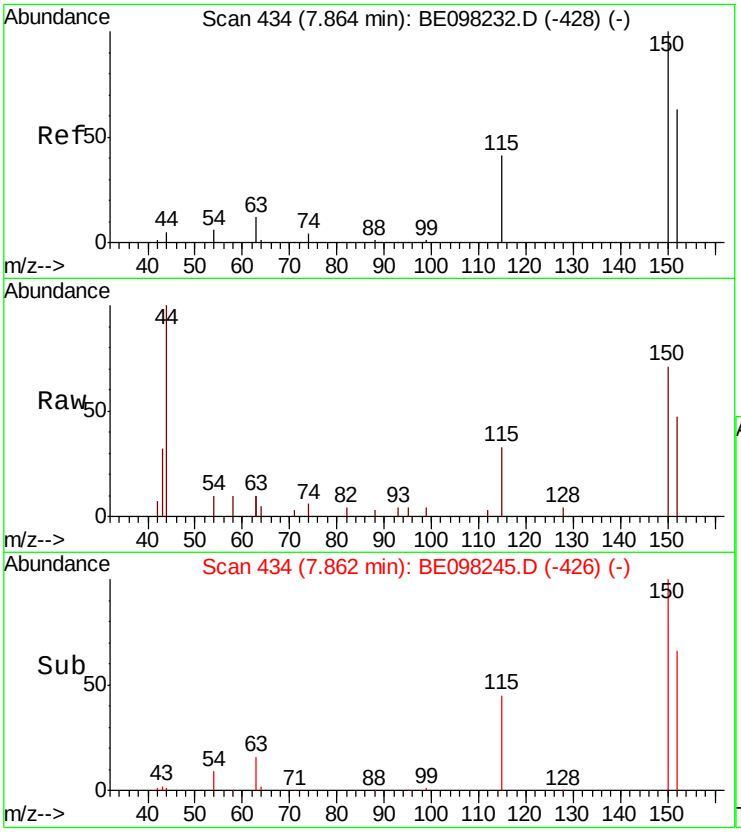
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE111918\
Data File : BE098245.D
Acq On : 19 Nov 2018 9:51
Operator : SJ/JU
Sample : PB114879BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :

Quant Time: Nov 19 10:25:36 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



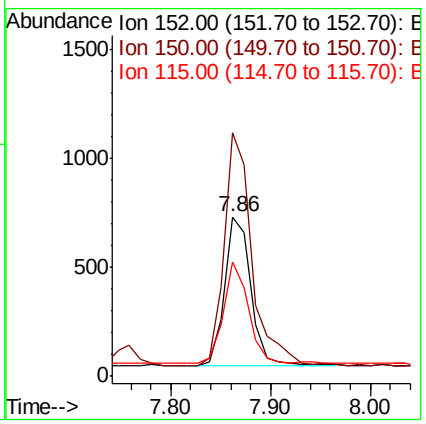


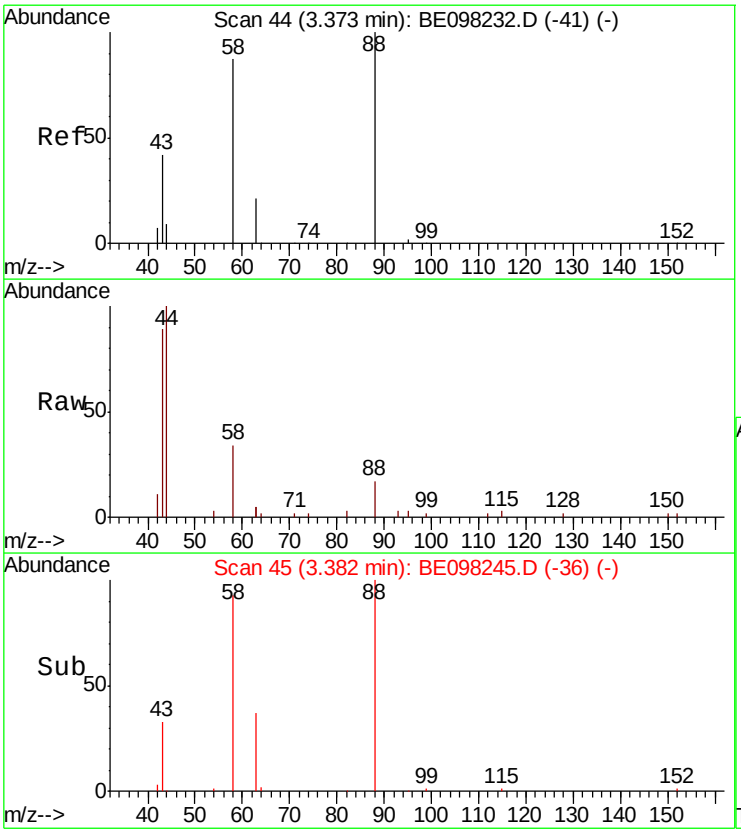
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.86 min Scan# 434
Delta R.T. -0.00 min
Lab File: BE098245.D
Acq: 19 Nov 2018 9:51

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 1249

Ion	Ratio	Lower	Upper
152	100		
150	152.9	127.5	191.3
115	71.6	60.3	90.5

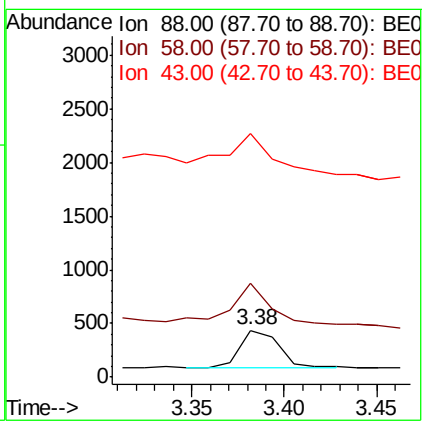


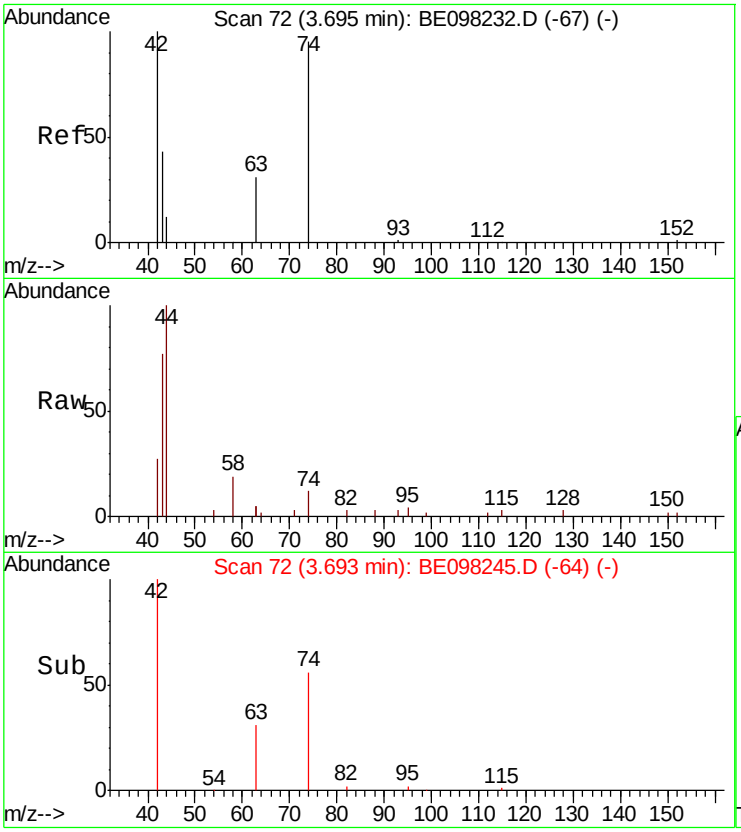


#2
1,4-Dioxane
Concen: 0.260 ng
RT: 3.38 min Scan# 45
Delta R.T. 0.01 min
Lab File: BE098245.D
Acq: 19 Nov 2018 9:51

Tgt Ion: 88 Resp: 509

Ion	Ratio	Lower	Upper
88	100		
58	113.0	79.0	118.4
43	132.8	38.1	57.1#



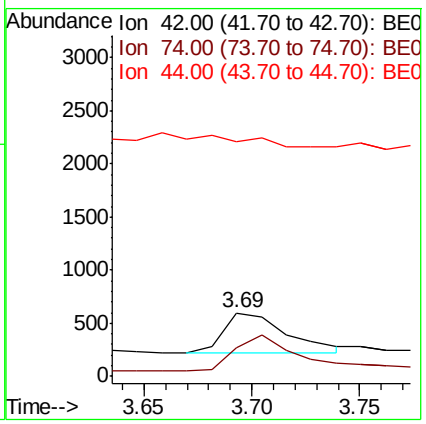


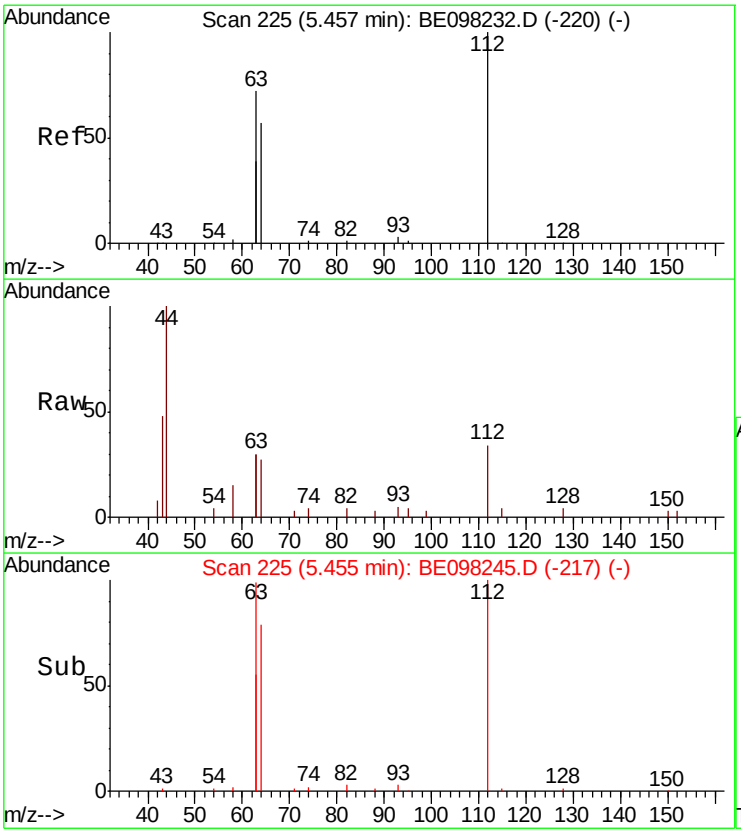
#3
n-Nitrosodimethylamine
Concen: 0.356 ng
RT: 3.69 min Scan# 72
Delta R.T. -0.00 min
Lab File: BE098245.D
Acq: 19 Nov 2018 9:51

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 42 Resp: 784

Ion	Ratio	Lower	Upper
42	100		
74	85.6	61.7	92.5
44	0.0	14.0	21.0#

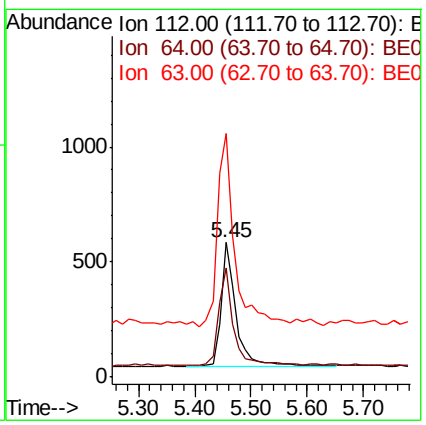


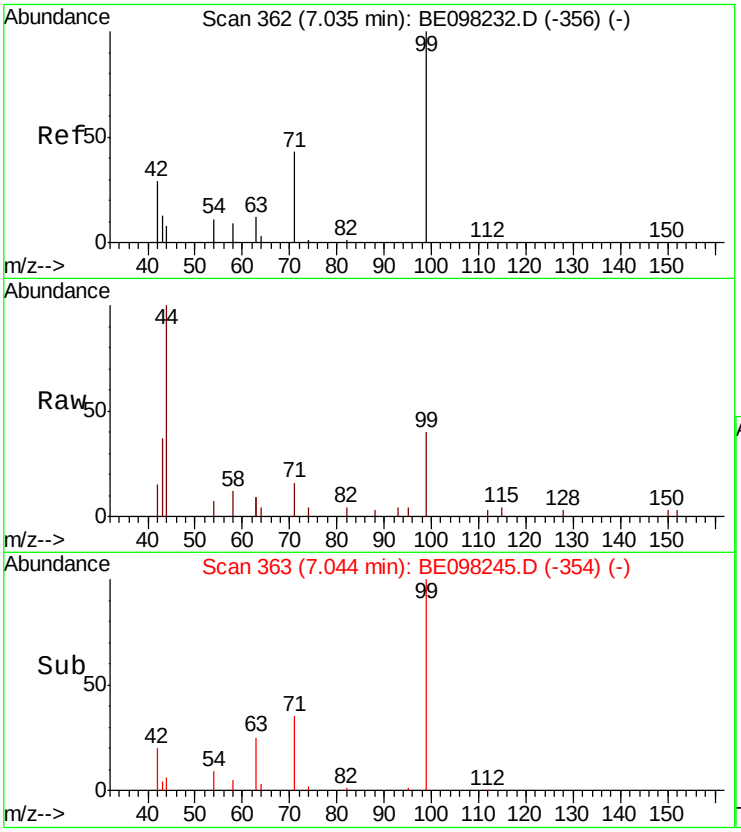


#4
2-Fluorophenol
Concen: 0.304 ng
RT: 5.45 min Scan# 225
Delta R.T. -0.00 min
Lab File: BE098245.D
Acq: 19 Nov 2018 9:51

Tgt Ion:112 Resp: 1017

Ion	Ratio	Lower	Upper
112	100		
64	77.2	61.7	92.5
63	179.3	136.2	204.2



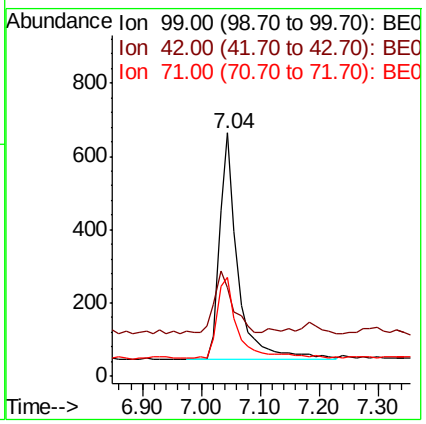


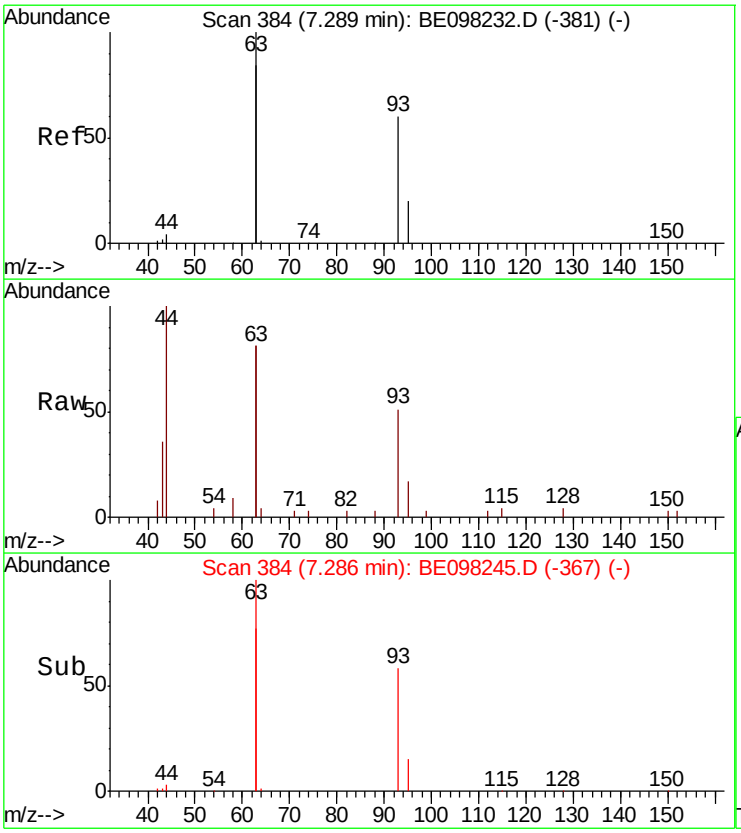
#5
Phenol-d6
Concen: 0.252 ng
RT: 7.04 min Scan# 363
Delta R.T. 0.01 min
Lab File: BE098245.D
Acq: 19 Nov 2018 9:51

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 99 Resp: 1328

Ion	Ratio	Lower	Upper
99	100		
42	29.5	27.1	40.7
71	40.7	37.0	55.6

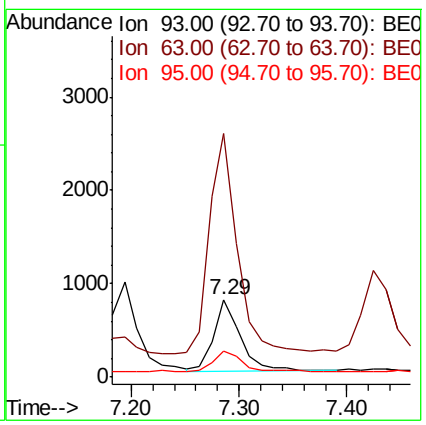


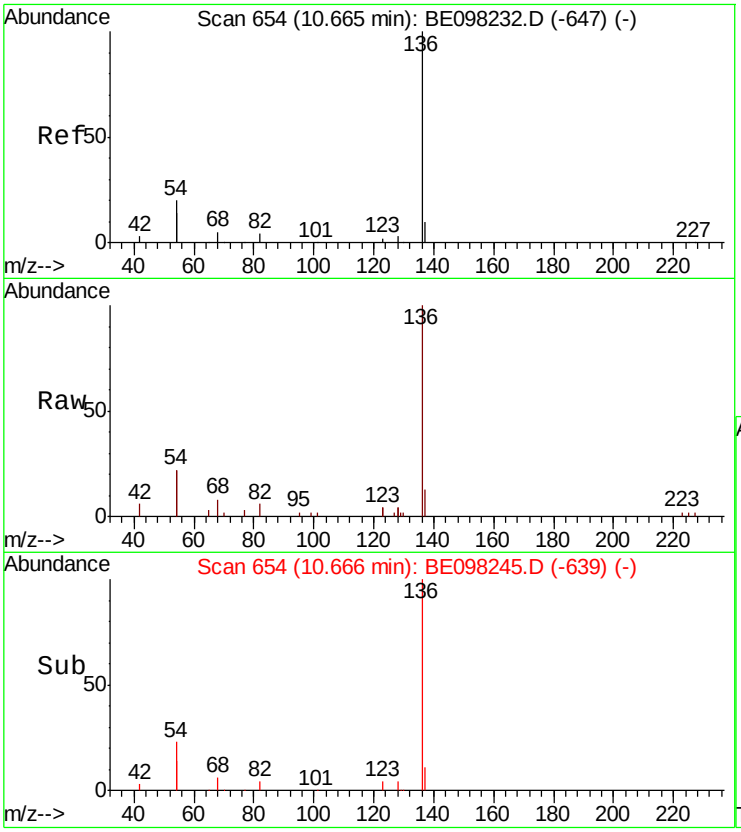


#6
bis(2-Chloroethyl)ether
Concen: 0.288 ng
RT: 7.29 min Scan# 384
Delta R.T. -0.00 min
Lab File: BE098245.D
Acq: 19 Nov 2018 9:51

Tgt Ion: 93 Resp: 1298

Ion	Ratio	Lower	Upper
93	100		
63	329.1	272.6	409.0
95	34.2	27.1	40.7



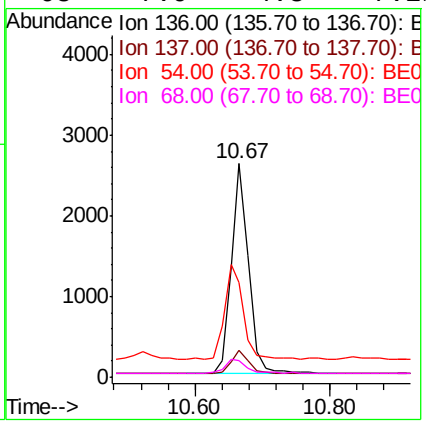


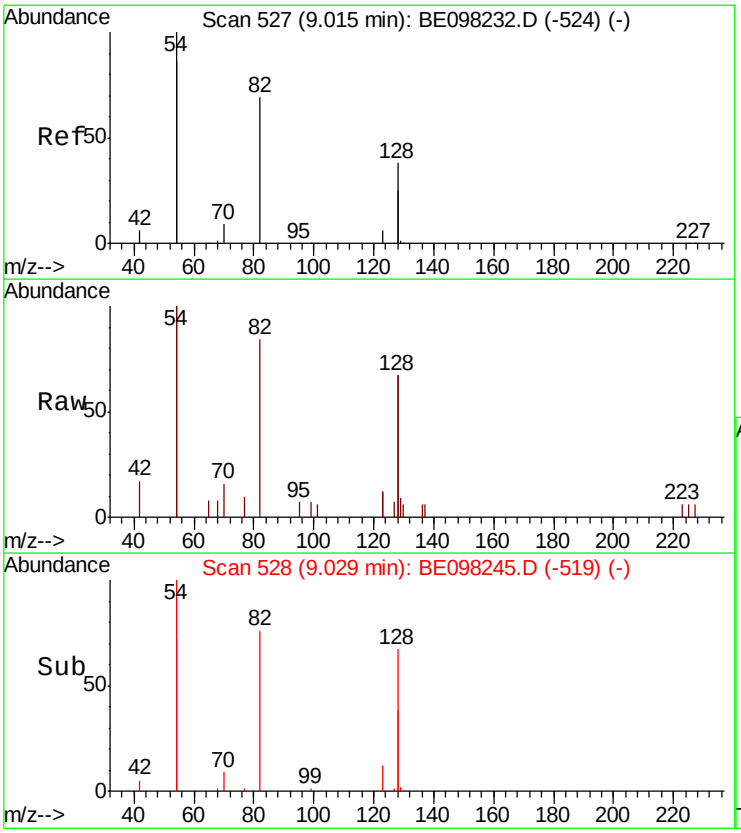
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.67 min Scan# 654
Delta R.T. 0.00 min
Lab File: BE098245.D
Acq: 19 Nov 2018 9:51

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:136 Resp: 4690

Ion	Ratio	Lower	Upper
136	100		
137	12.6	9.5	14.3
54	44.4	31.3	46.9
68	7.9	4.8	7.2#

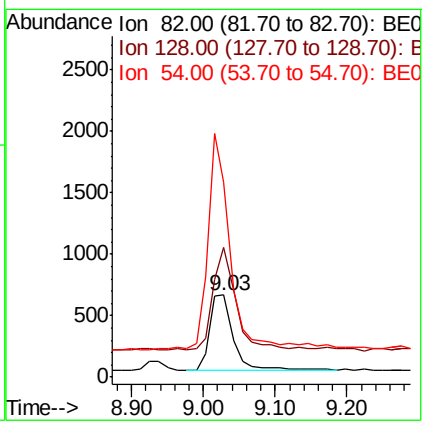


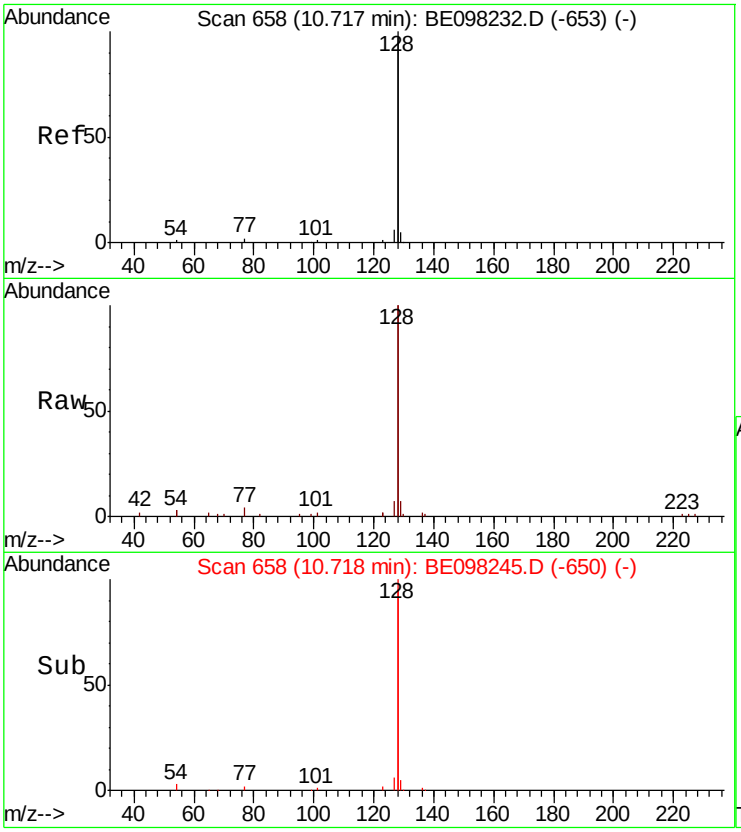


#8
Nitrobenzene-d5
Concen: 0.327 ng
RT: 9.03 min Scan# 528
Delta R.T. 0.01 min
Lab File: BE098245.D
Acq: 19 Nov 2018 9:51

Tgt Ion: 82 Resp: 1446

Ion	Ratio	Lower	Upper
82	100		
128	158.9	96.1	144.1#
54	238.7	232.0	348.0



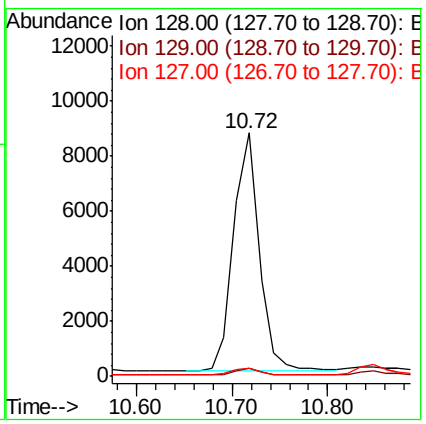


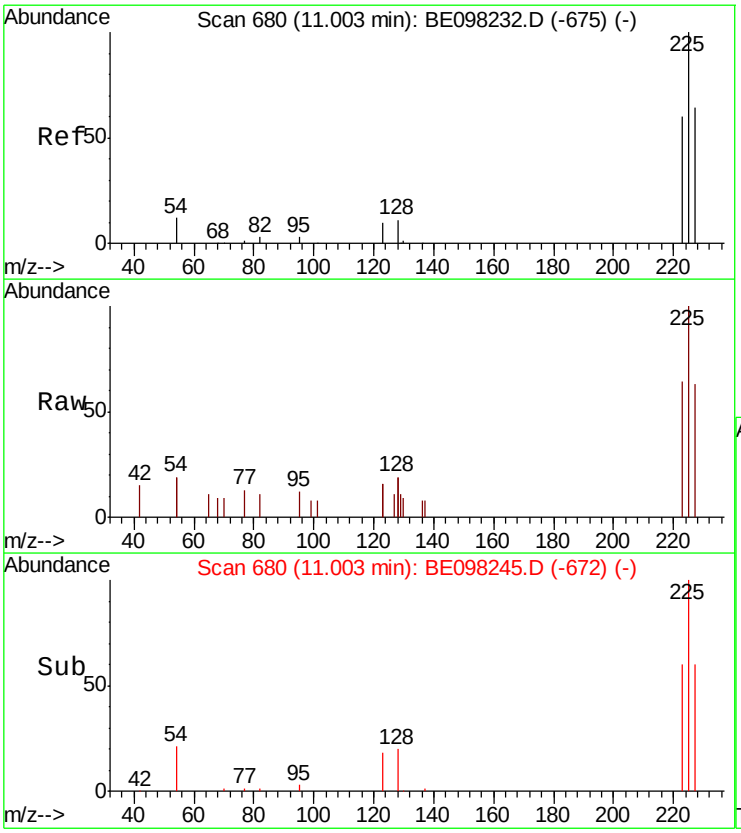
#9
Naphthalene
Concen: 0.333 ng
RT: 10.72 min Scan# 658
Delta R.T. 0.00 min
Lab File: BE098245.D
Acq: 19 Nov 2018 9:51

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:128 Resp: 15917

Ion	Ratio	Lower	Upper
128	100		
129	3.3	2.6	4.0
127	3.5	2.8	4.2

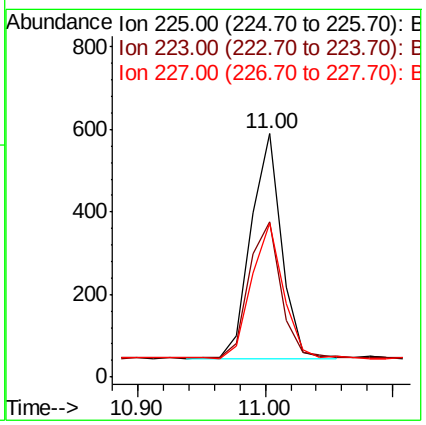


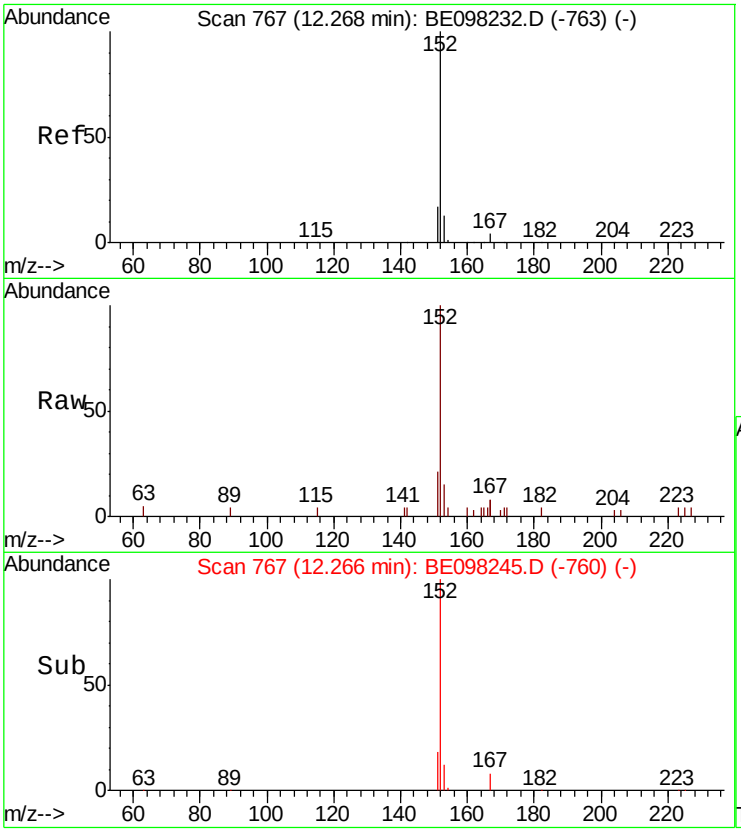


#10
Hexachlorobutadiene
Concen: 0.321 ng
RT: 11.00 min Scan# 680
Delta R.T. 0.00 min
Lab File: BE098245.D
Acq: 19 Nov 2018 9:51

Tgt Ion:225 Resp: 900

Ion	Ratio	Lower	Upper
225	100		
223	63.0	50.5	75.7
227	61.9	50.3	75.5



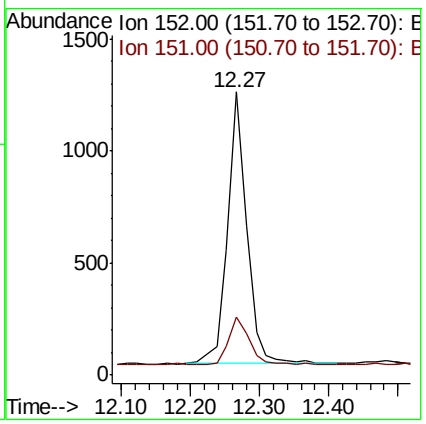


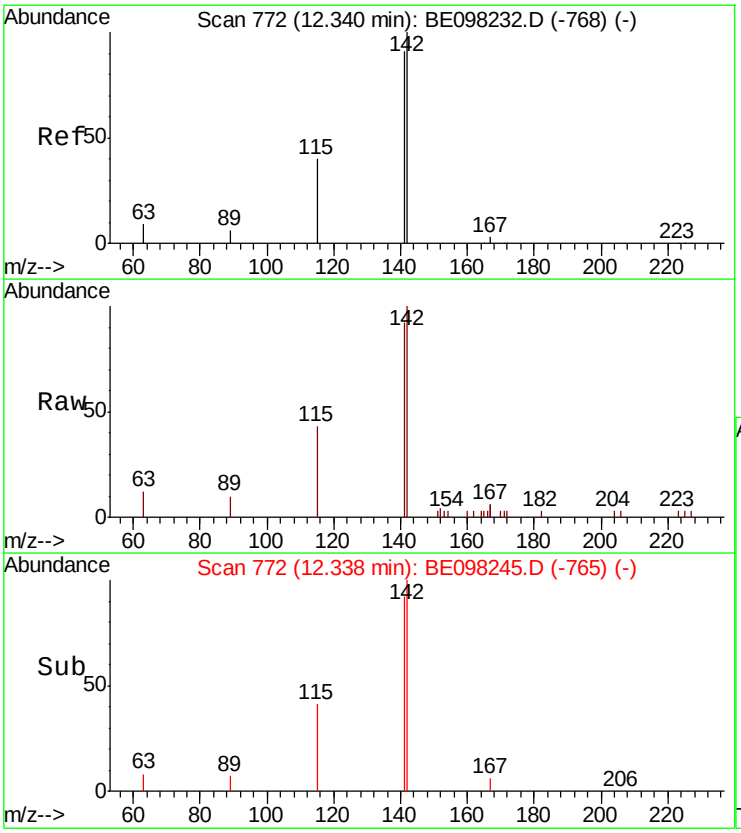
#11
2-Methylnaphthalene-d10
Concen: 0.282 ng
RT: 12.27 min Scan# 767
Delta R.T. -0.00 min
Lab File: BE098245.D
Acq: 19 Nov 2018 9:51

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 2321

Ion	Ratio	Lower	Upper
152	100		
151	19.8	15.4	23.2

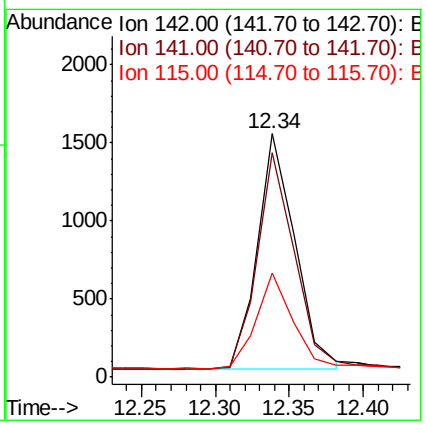


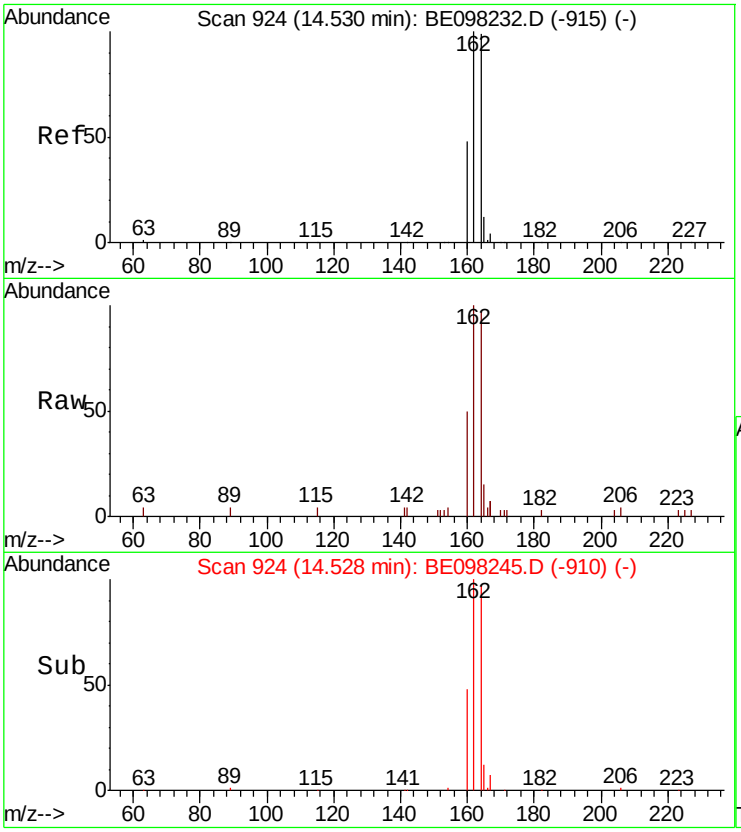


#12
2-Methylnaphthalene
Concen: 0.313 ng
RT: 12.34 min Scan# 772
Delta R.T. -0.00 min
Lab File: BE098245.D
Acq: 19 Nov 2018 9:51

Tgt Ion:142 Resp: 2637

Ion	Ratio	Lower	Upper
142	100		
141	92.4	76.3	114.5
115	43.0	35.8	53.8



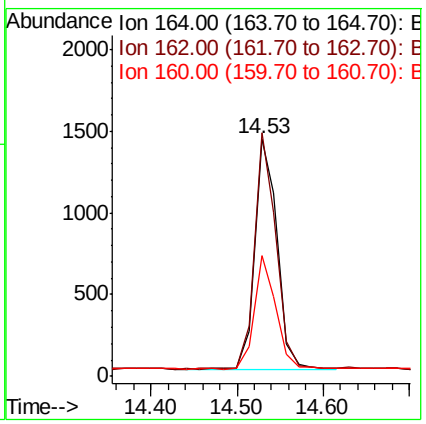


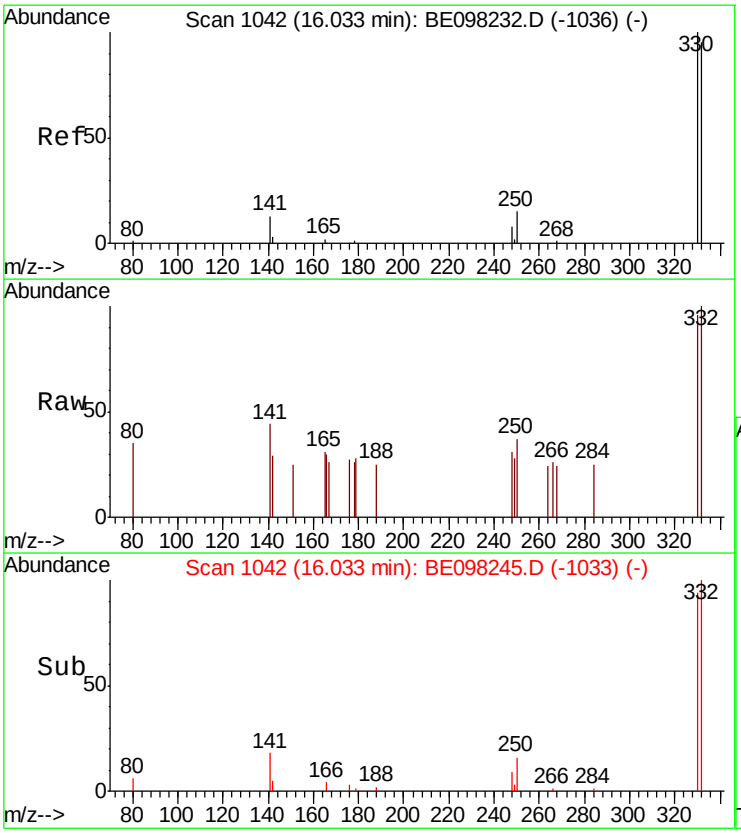
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.53 min Scan# 924
Delta R.T. -0.00 min
Lab File: BE098245.D
Acq: 19 Nov 2018 9:51

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:164 Resp: 2528

Ion	Ratio	Lower	Upper
164	100		
162	102.6	81.8	122.6
160	50.9	39.4	59.0

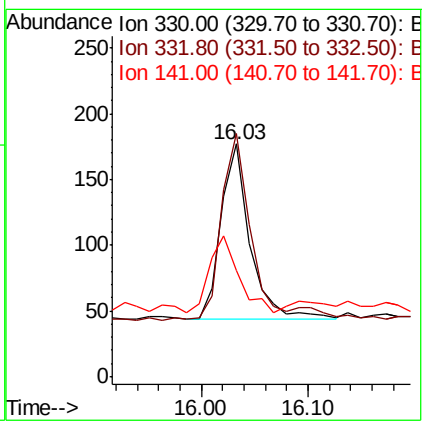


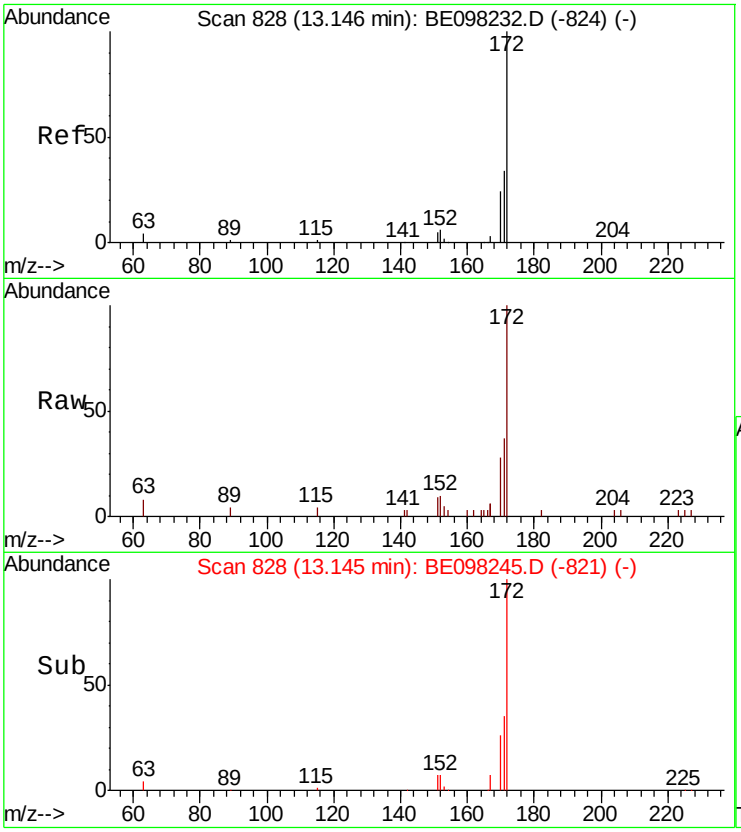


#14
2,4,6-Tribromophenol
Concen: 0.306 ng
RT: 16.03 min Scan# 1042
Delta R.T. 0.00 min
Lab File: BE098245.D
Acq: 19 Nov 2018 9:51

Tgt Ion:330 Resp: 249

Ion	Ratio	Lower	Upper
330	100		
332	106.0	77.7	116.5
141	43.8	33.6	50.4



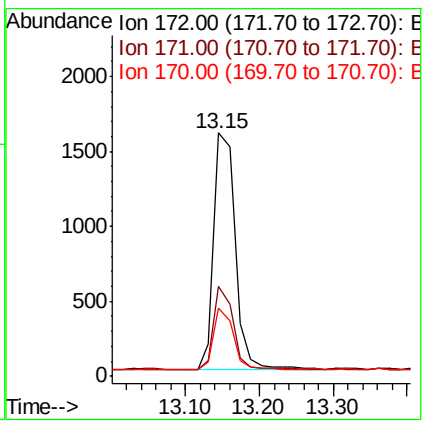


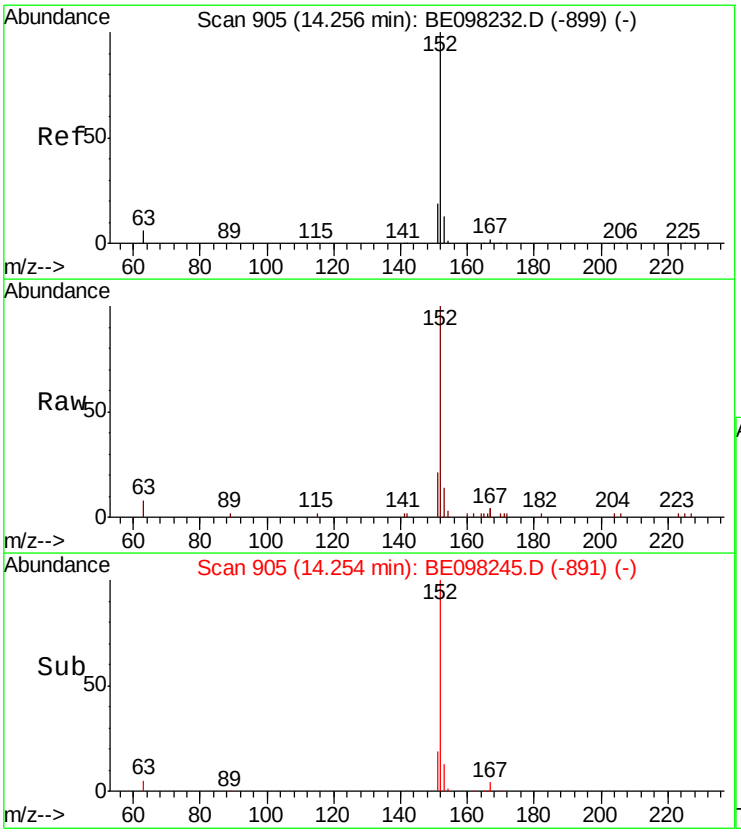
#15
2-Fluorobiphenyl
Concen: 0.293 ng
RT: 13.15 min Scan# 828
Delta R.T. -0.00 min
Lab File: BE098245.D
Acq: 19 Nov 2018 9:51

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:172 Resp: 3222

Ion	Ratio	Lower	Upper
172	100		
171	37.0	27.3	40.9
170	27.8	19.4	29.0

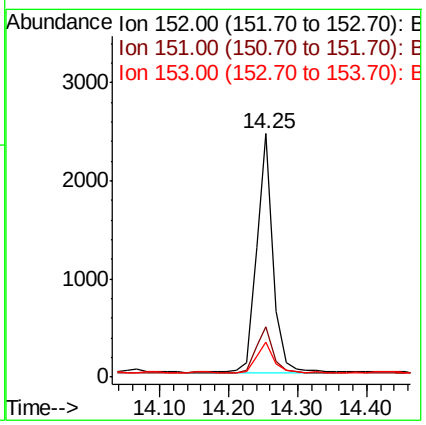


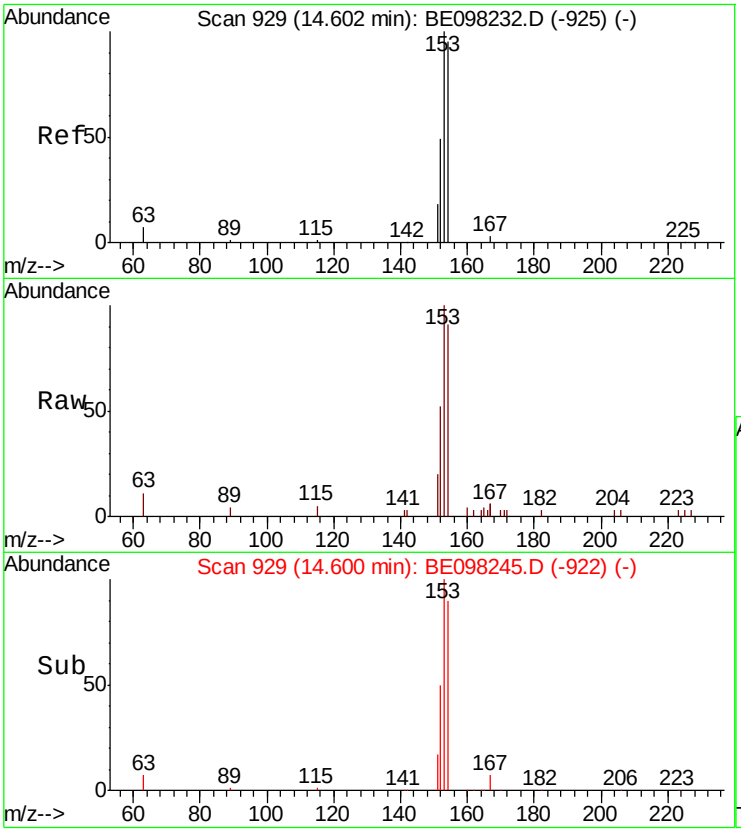


#16
Acenaphthylene
Concen: 0.334 ng
RT: 14.25 min Scan# 905
Delta R.T. -0.00 min
Lab File: BE098245.D
Acq: 19 Nov 2018 9:51

Tgt Ion:152 Resp: 4024

Ion	Ratio	Lower	Upper
152	100		
151	19.6	16.4	24.6
153	13.5	10.6	15.8



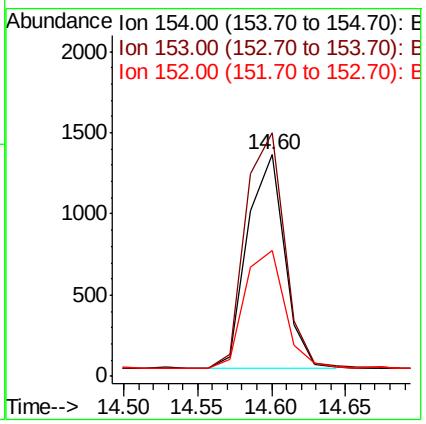


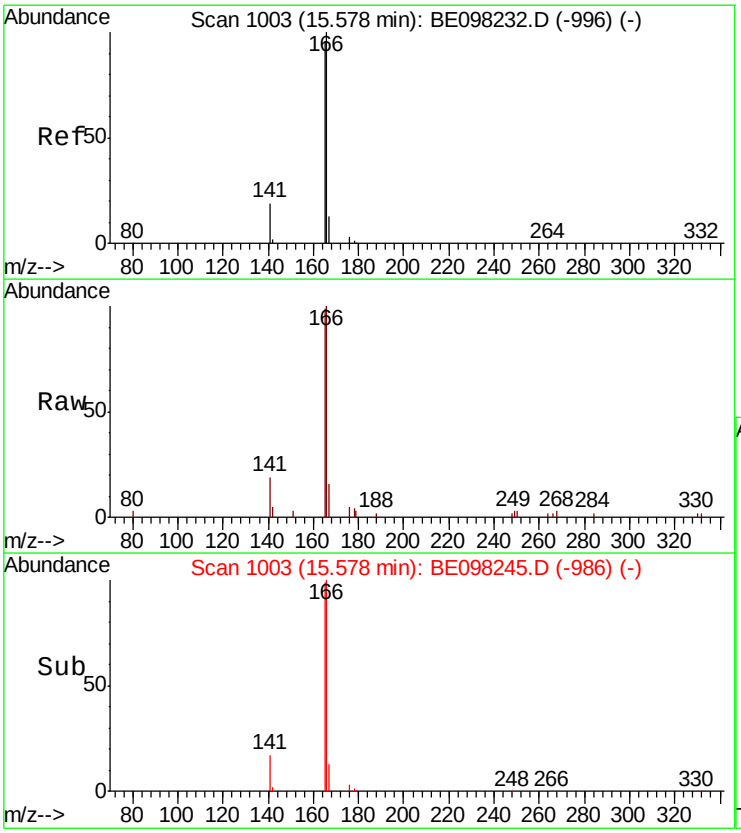
#17
Acenaphthene
Concen: 0.320 ng
RT: 14.60 min Scan# 929
Delta R.T. -0.00 min
Lab File: BE098245.D
Acq: 19 Nov 2018 9:51

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:154 Resp: 2303

Ion	Ratio	Lower	Upper
154	100		
153	115.6	92.1	138.1
152	59.6	46.2	69.2

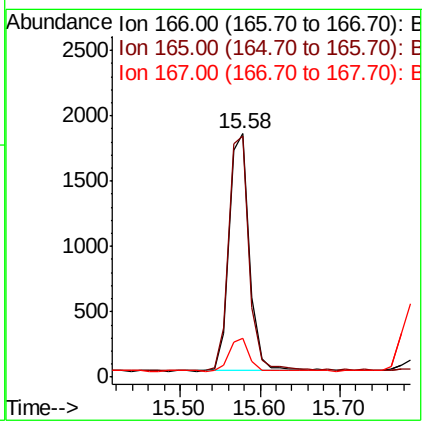


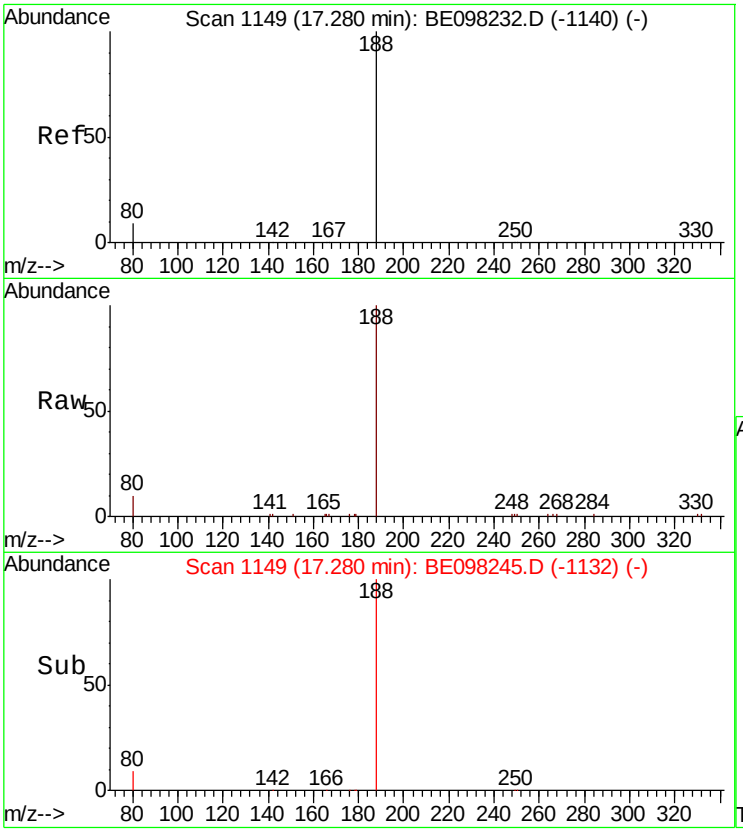


#18
Fluorene
Concen: 0.347 ng
RT: 15.58 min Scan# 1003
Delta R.T. 0.00 min
Lab File: BE098245.D
Acq: 19 Nov 2018 9:51

Tgt Ion:166 Resp: 3182

Ion	Ratio	Lower	Upper
166	100		
165	99.8	80.1	120.1
167	13.9	10.8	16.2



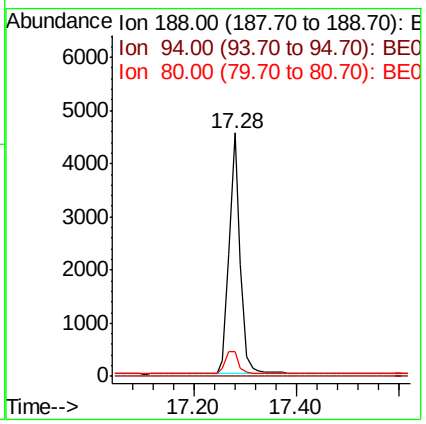


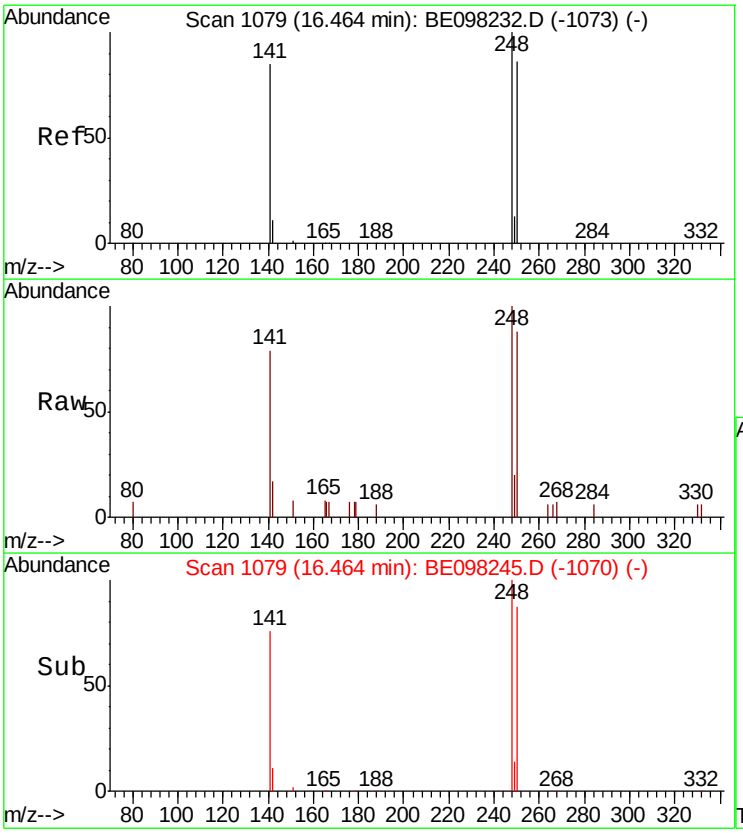
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.28 min Scan# 1149
Delta R.T. 0.00 min
Lab File: BE098245.D
Acq: 19 Nov 2018 9:51

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:188 Resp: 6884

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	10.0	6.7	10.1

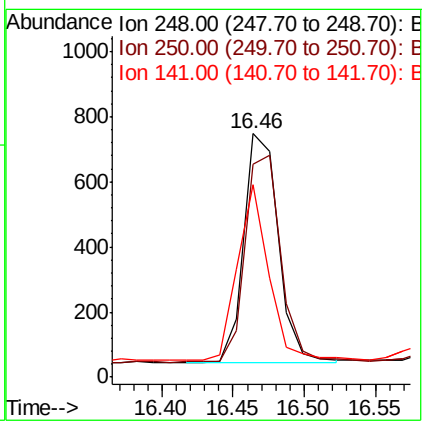


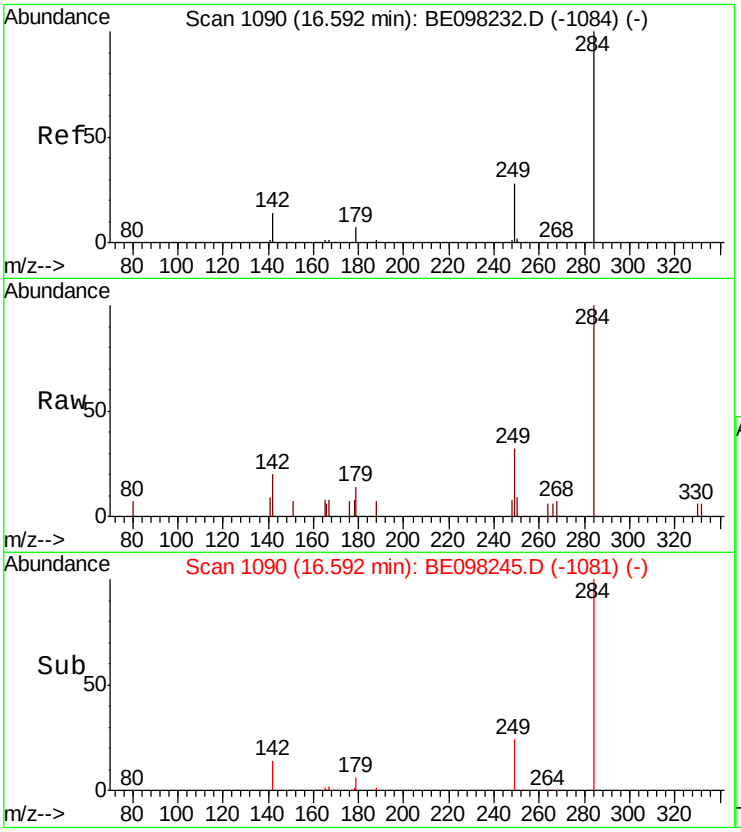


#20
4-Bromophenyl-phenylether
Concen: 0.280 ng
RT: 16.46 min Scan# 1079
Delta R.T. 0.00 min
Lab File: BE098245.D
Acq: 19 Nov 2018 9:51

Tgt Ion:248 Resp: 1194

Ion	Ratio	Lower	Upper
248	100		
250	87.6	77.6	116.4
141	79.0	65.8	98.8



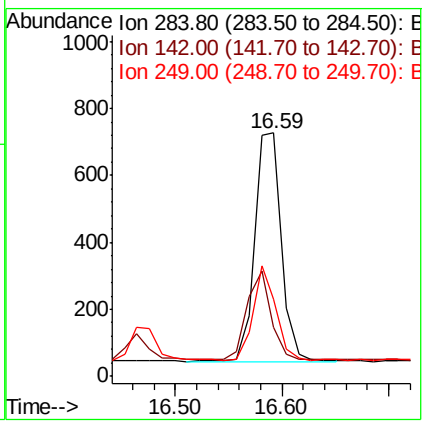


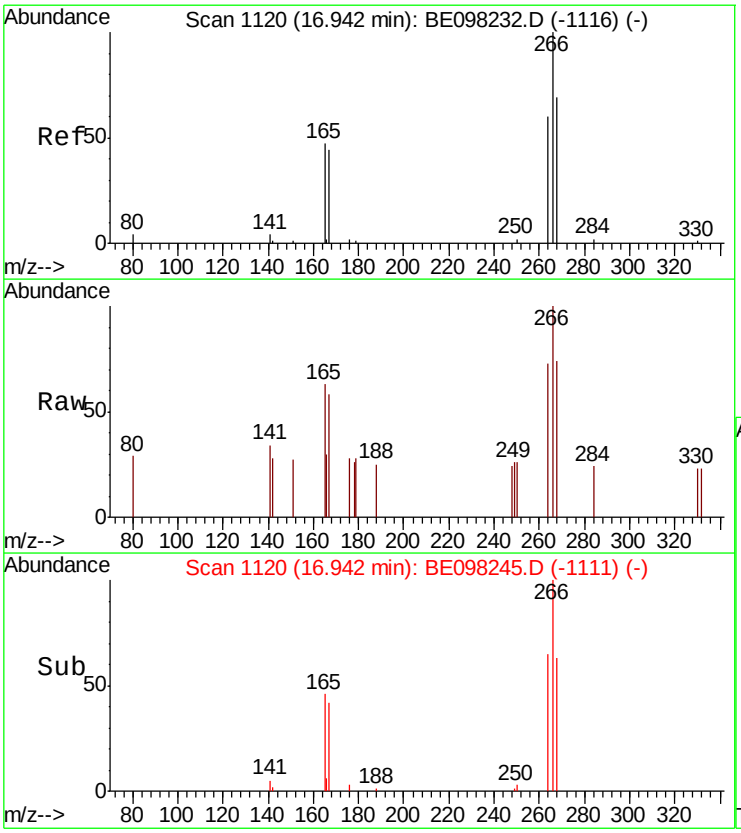
#21
Hexachlorobenzene
Concen: 0.270 ng
RT: 16.59 min Scan# 1090
Delta R.T. 0.00 min
Lab File: BE098245.D
Acq: 19 Nov 2018 9:51

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:284 Resp: 1187

Ion	Ratio	Lower	Upper
284	100		
142	35.3	26.5	39.7
249	34.8	28.4	42.6

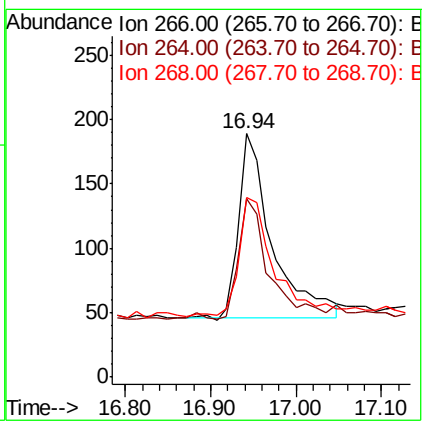


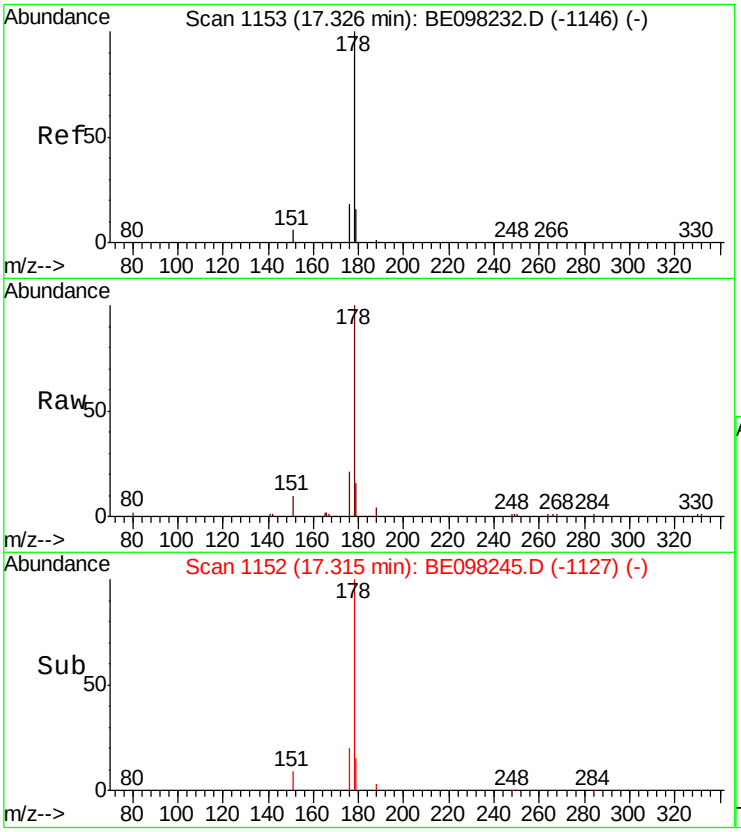


#22
Pentachlorophenol
Concen: 0.556 ng
RT: 16.94 min Scan# 1120
Delta R.T. 0.00 min
Lab File: BE098245.D
Acq: 19 Nov 2018 9:51

Tgt Ion:266 Resp: 391

Ion	Ratio	Lower	Upper
266	100		
264	73.0	57.6	86.4
268	73.5	56.8	85.2



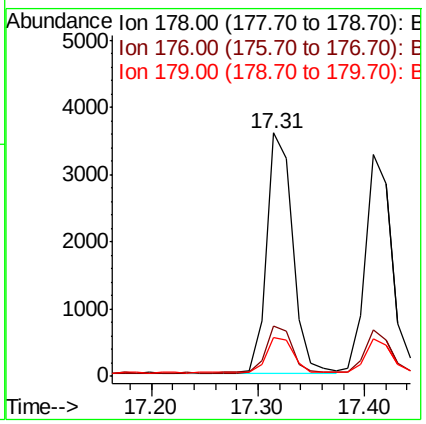


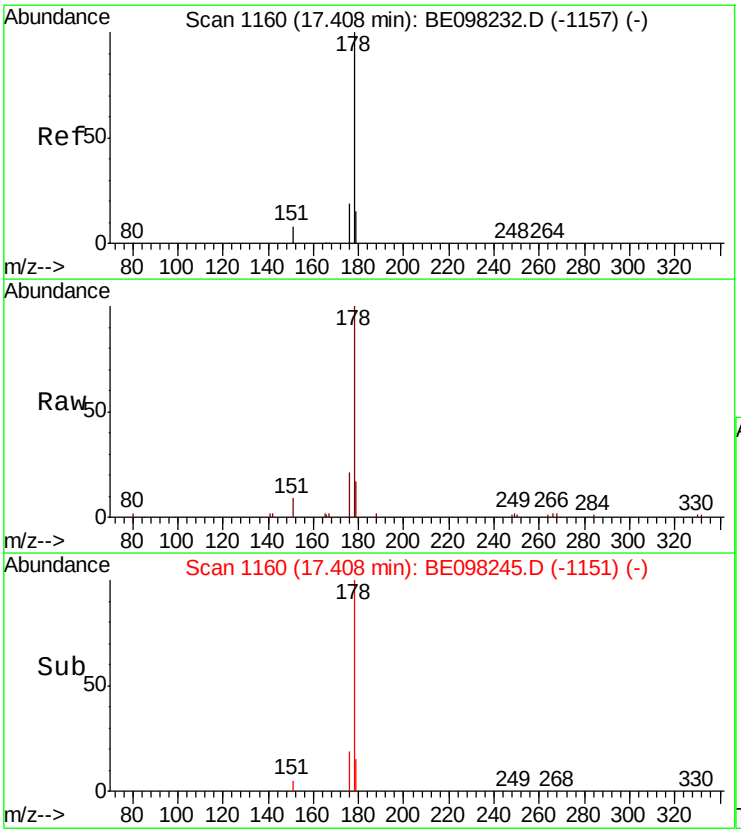
#23
Phenanthrene
Concen: 0.341 ng
RT: 17.31 min Scan# 1152
Delta R.T. -0.01 min
Lab File: BE098245.D
Acq: 19 Nov 2018 9:51

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:178 Resp: 6042

Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.8	23.8
179	15.6	12.3	18.5

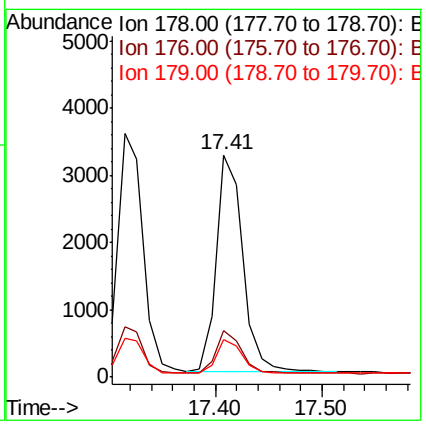


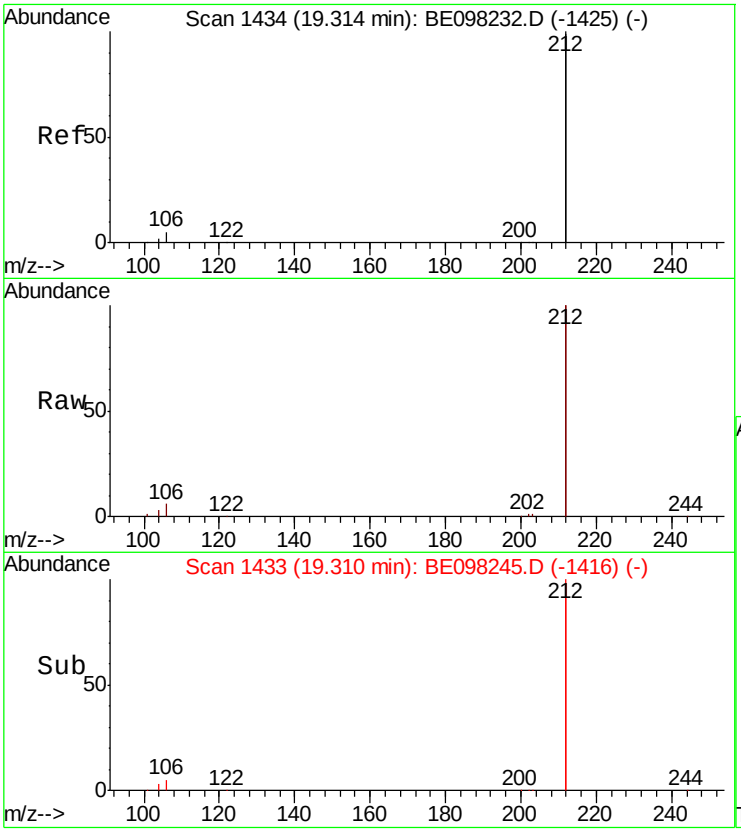


#24
Anthracene
Concen: 0.343 ng
RT: 17.41 min Scan# 1160
Delta R.T. 0.00 min
Lab File: BE098245.D
Acq: 19 Nov 2018 9:51

Tgt Ion:178 Resp: 5519

Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.7	23.5
179	15.7	12.1	18.1



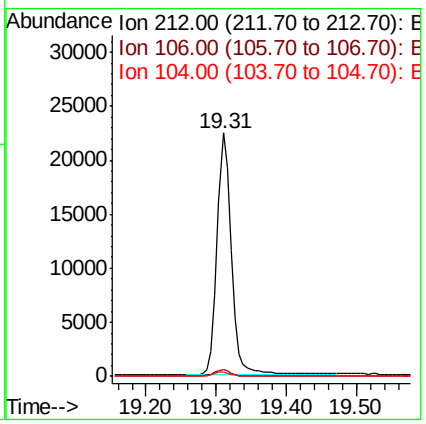


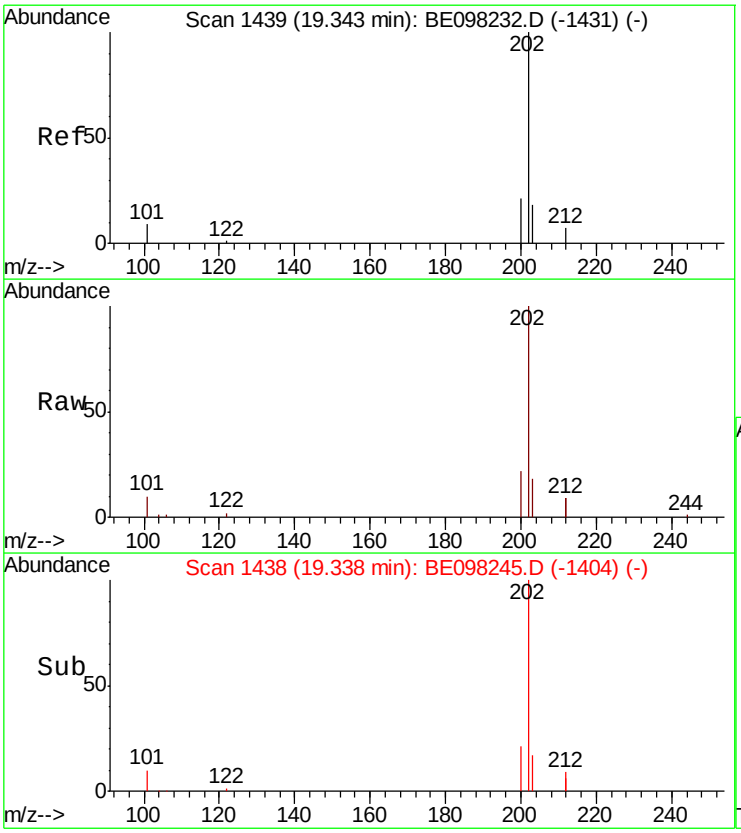
#25
Fluoranthene-d10
Concen: 0.371 ng
RT: 19.31 min Scan# 1433
Delta R.T. -0.00 min
Lab File: BE098245.D
Acq: 19 Nov 2018 9:51

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:212 Resp: 31090

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

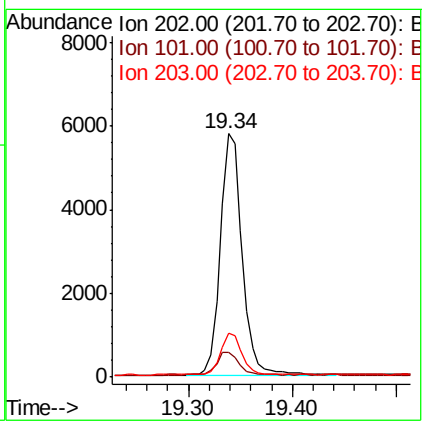


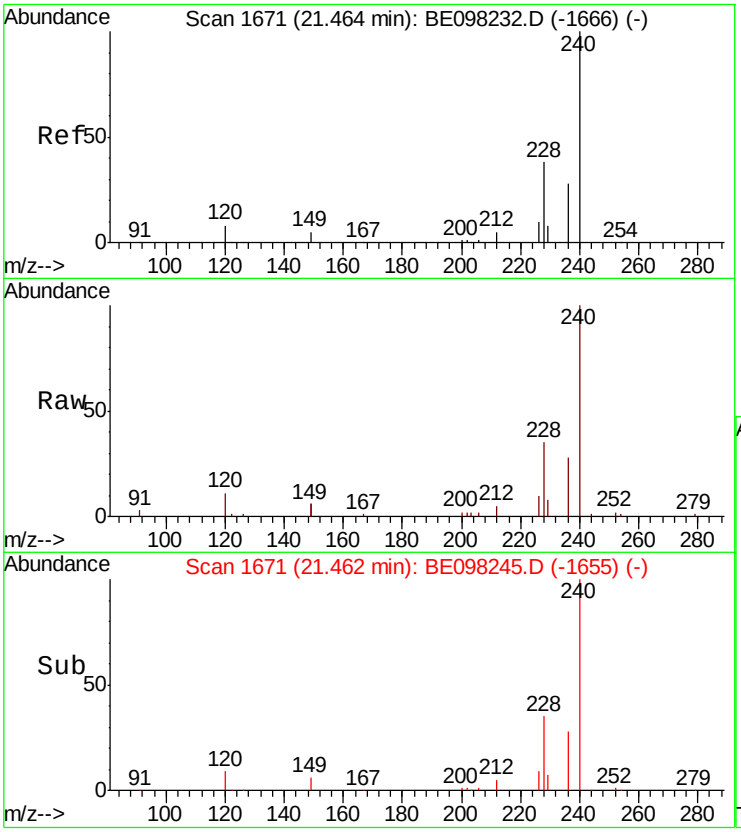


#26
Fluoranthene
Concen: 0.391 ng
RT: 19.34 min Scan# 1438
Delta R.T. -0.00 min
Lab File: BE098245.D
Acq: 19 Nov 2018 9:51

Tgt Ion:202 Resp: 8311

Ion	Ratio	Lower	Upper
202	100		
101	9.6	7.0	10.6
203	17.1	13.7	20.5



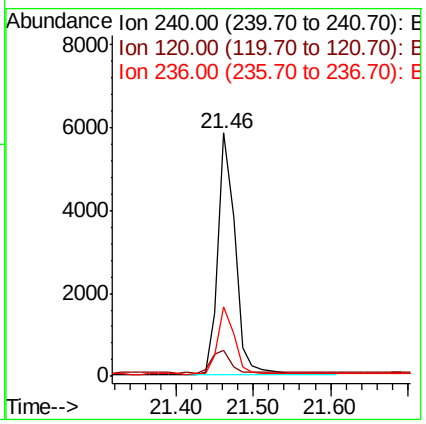


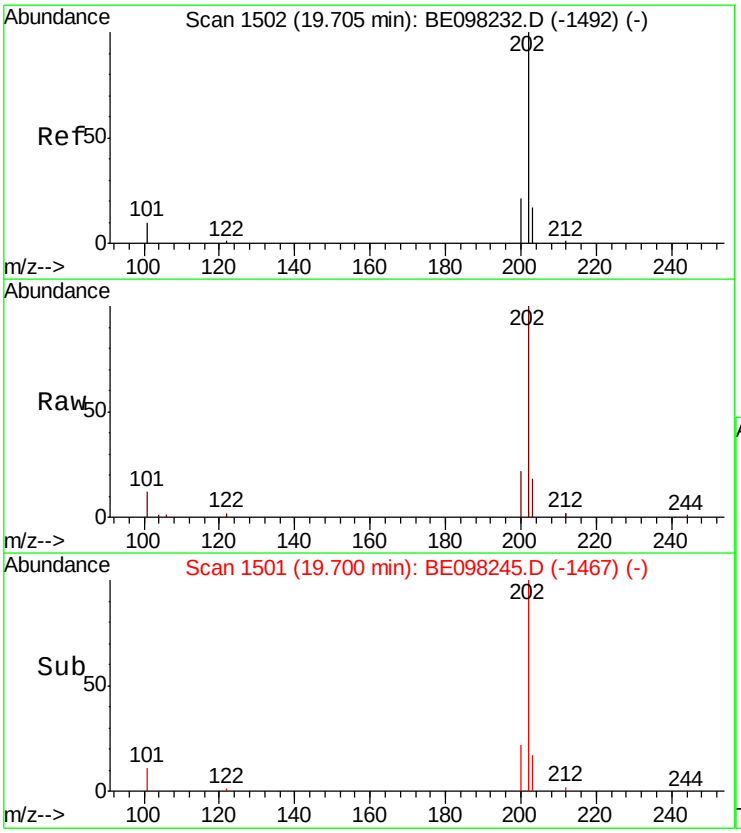
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.46 min Scan# 1671
Delta R.T. -0.00 min
Lab File: BE098245.D
Acq: 19 Nov 2018 9:51

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:240 Resp: 8975

Ion	Ratio	Lower	Upper
240	100		
120	10.7	4.8	7.2#
236	28.5	21.4	32.0

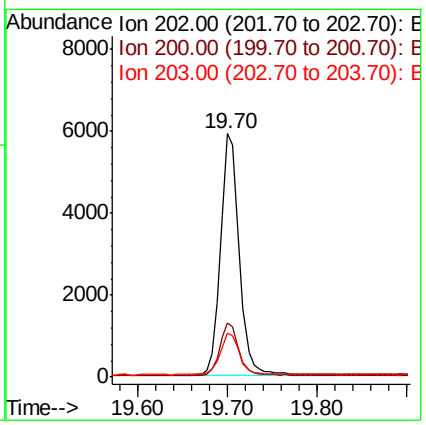


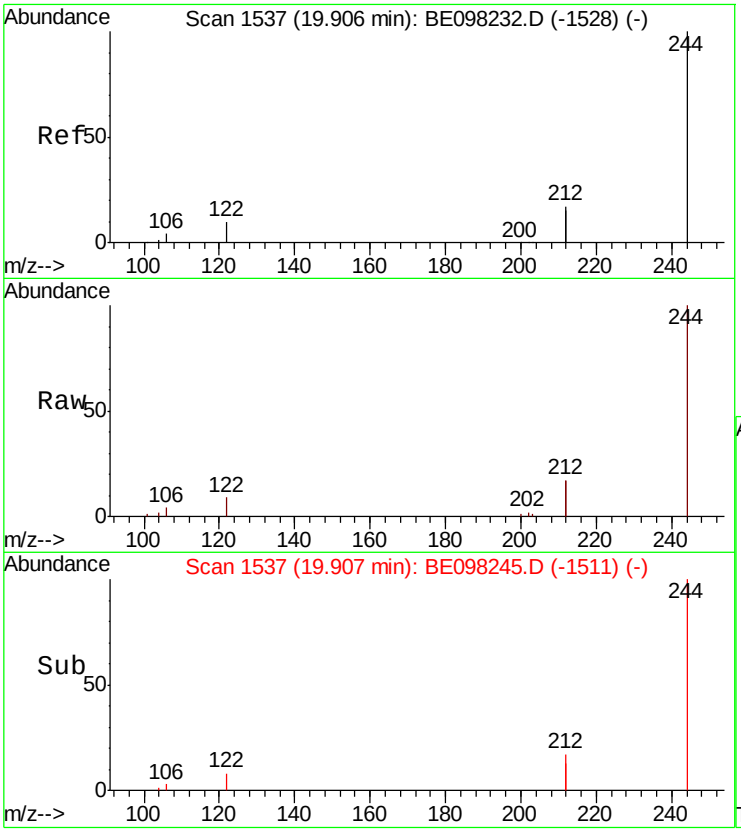


#28
Pyrene
Concen: 0.322 ng
RT: 19.70 min Scan# 1501
Delta R.T. -0.00 min
Lab File: BE098245.D
Acq: 19 Nov 2018 9:51

Tgt Ion:202 Resp: 8451

Ion	Ratio	Lower	Upper
202	100		
200	21.6	17.2	25.8
203	17.8	14.2	21.4



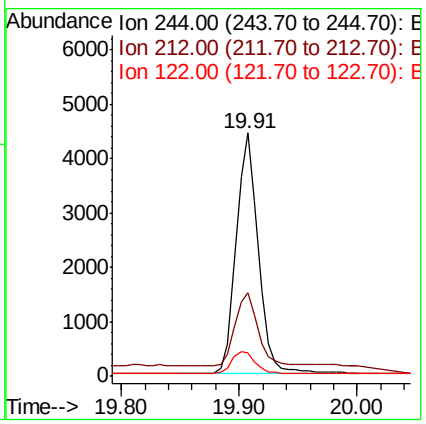


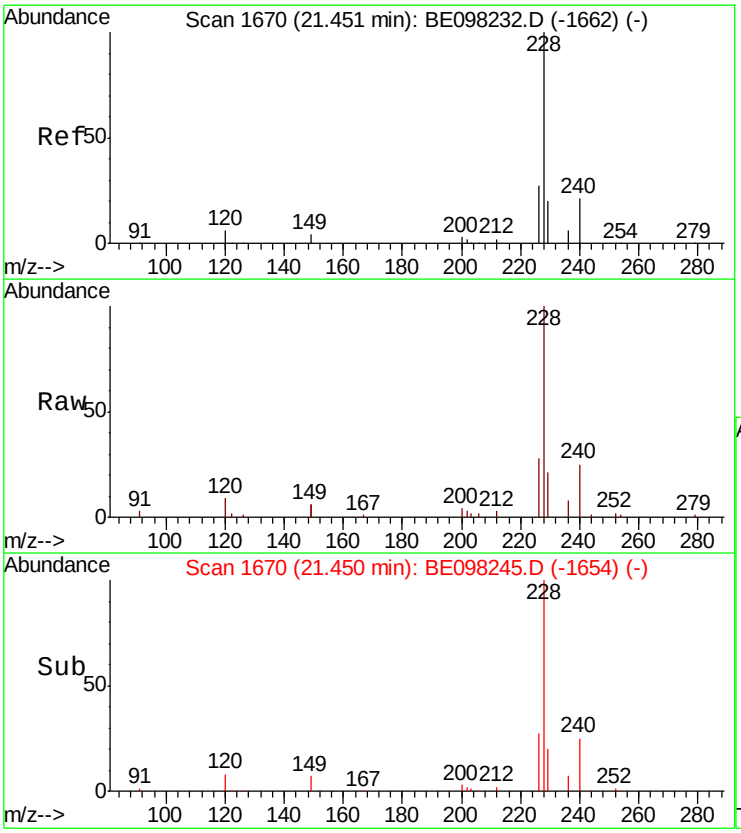
#29
Terphenyl-d14
Concen: 0.278 ng
RT: 19.91 min Scan# 1537
Delta R.T. 0.00 min
Lab File: BE098245.D
Acq: 19 Nov 2018 9:51

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:244 Resp: 5738

Ion	Ratio	Lower	Upper
244	100		
212	34.3	26.8	40.2
122	9.4	7.0	10.6

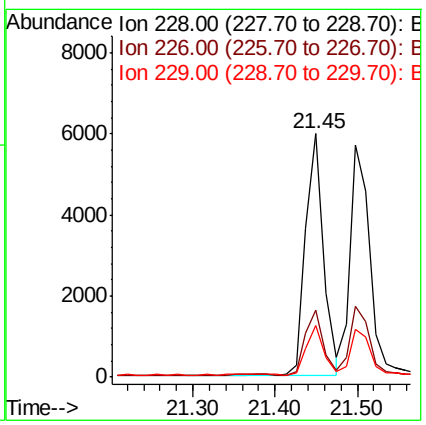


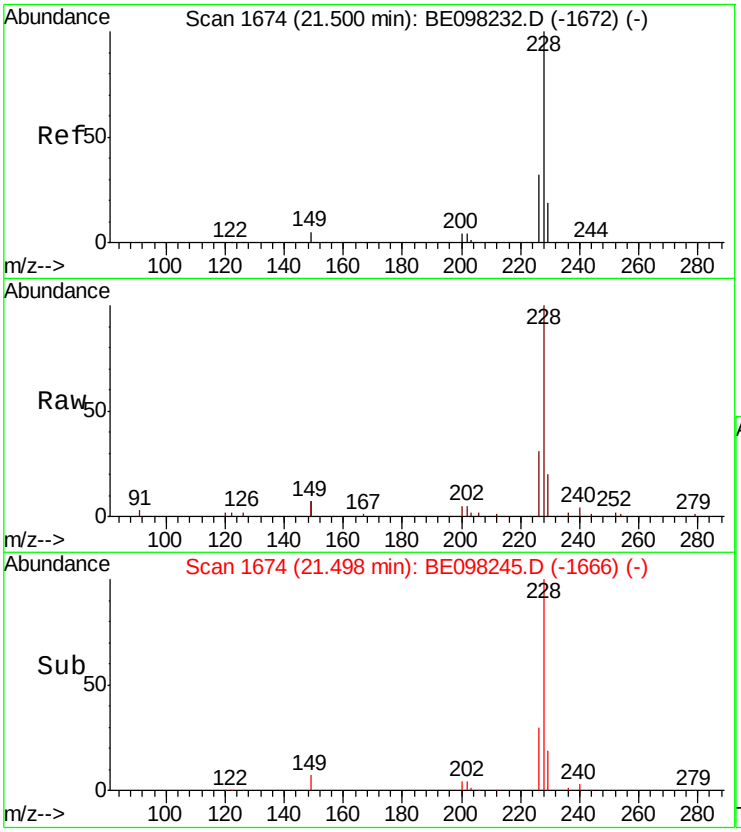


#30
Benzo(a)anthracene
Concen: 0.345 ng
RT: 21.45 min Scan# 1670
Delta R.T. -0.00 min
Lab File: BE098245.D
Acq: 19 Nov 2018 9:51

Tgt Ion:228 Resp: 8957

Ion	Ratio	Lower	Upper
228	100		
226	27.5	20.7	31.1
229	21.3	16.2	24.4



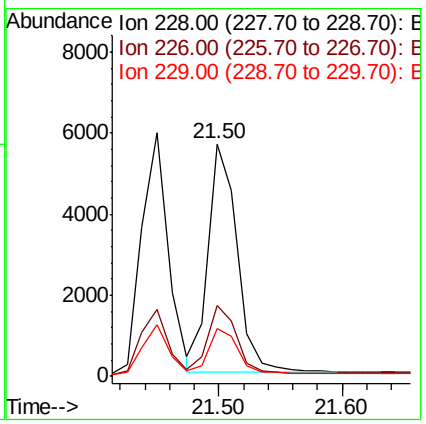


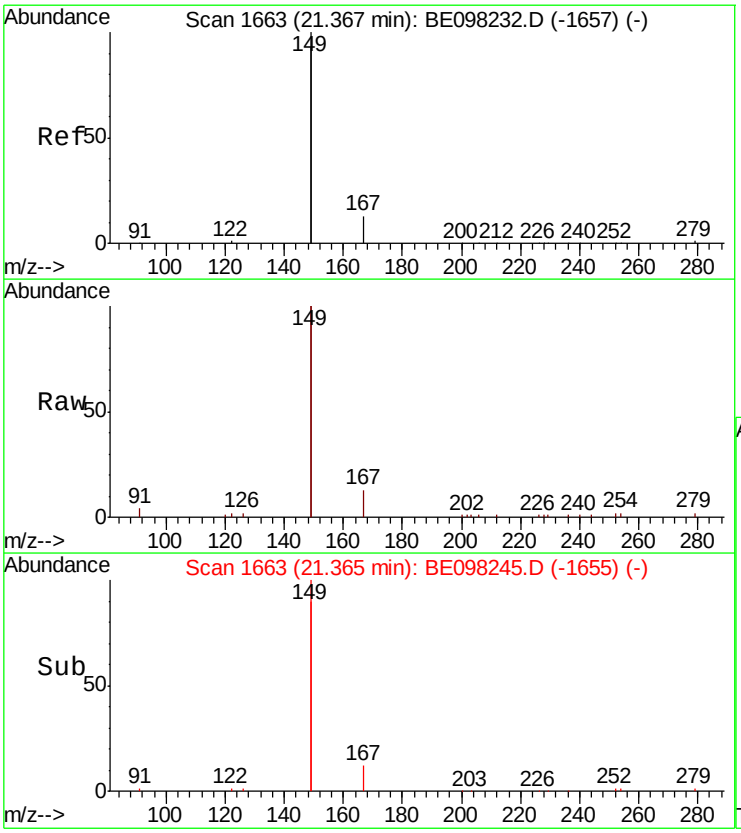
#31
Chrysene
Concen: 0.342 ng
RT: 21.50 min Scan# 1674
Delta R.T. -0.00 min
Lab File: BE098245.D
Acq: 19 Nov 2018 9:51

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:228 Resp: 9126

Ion	Ratio	Lower	Upper
228	100		
226	30.7	24.6	36.8
229	20.3	16.0	24.0

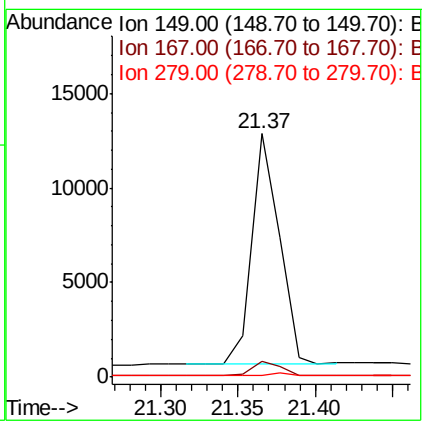


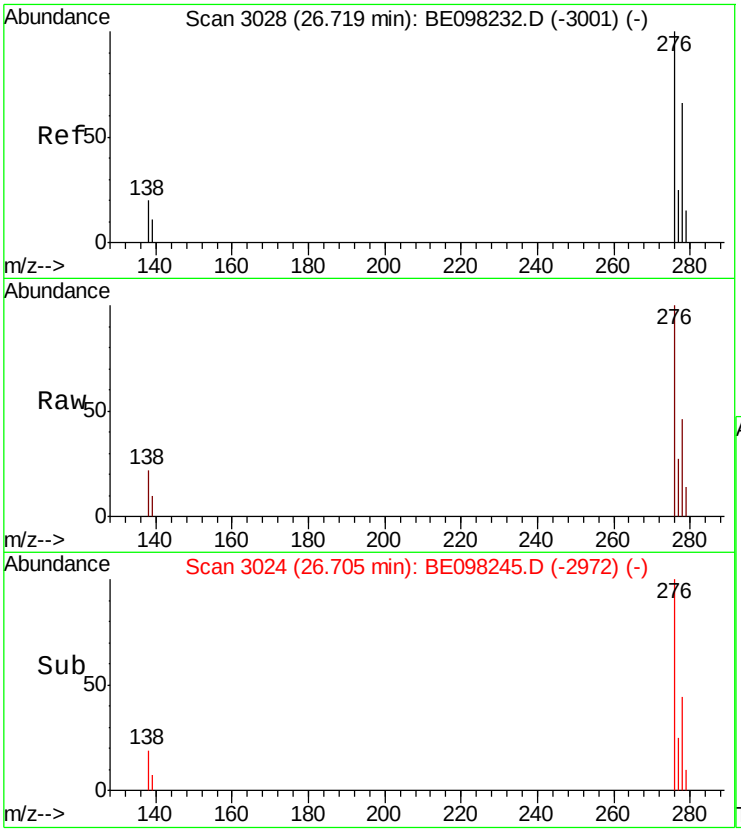


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.377 ng
RT: 21.37 min Scan# 1663
Delta R.T. -0.00 min
Lab File: BE098245.D
Acq: 19 Nov 2018 9:51

Tgt Ion:149 Resp: 15261

Ion	Ratio	Lower	Upper
149	100		
167	7.0	5.6	8.4
279	1.2	0.9	1.3



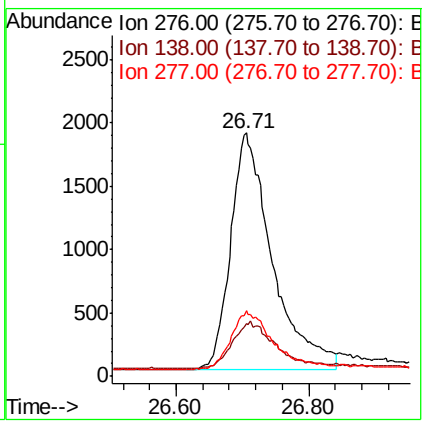


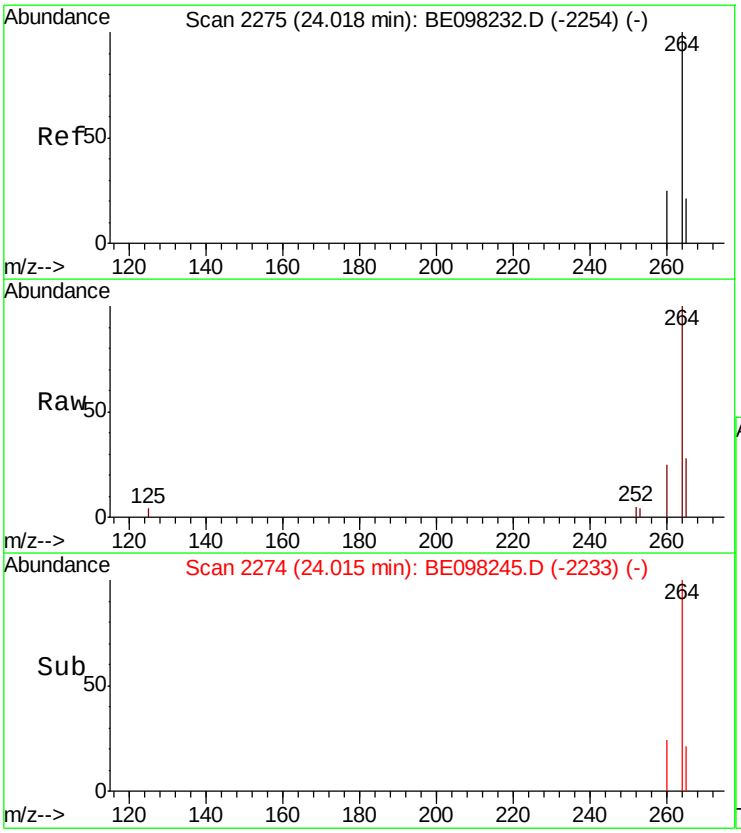
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.357 ng
RT: 26.71 min Scan# 3024
Delta R.T. -0.01 min
Lab File: BE098245.D
Acq: 19 Nov 2018 9:51

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 8173

Ion	Ratio	Lower	Upper
276	100		
138	19.8	6.4	9.6#
277	24.9	18.9	28.3

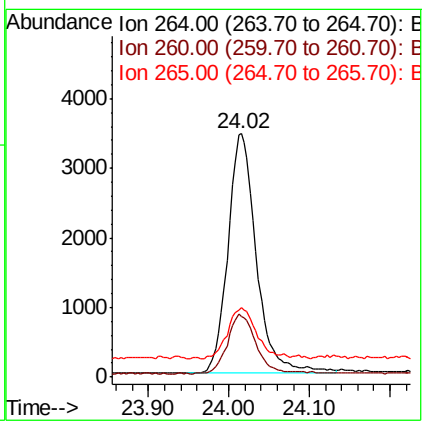


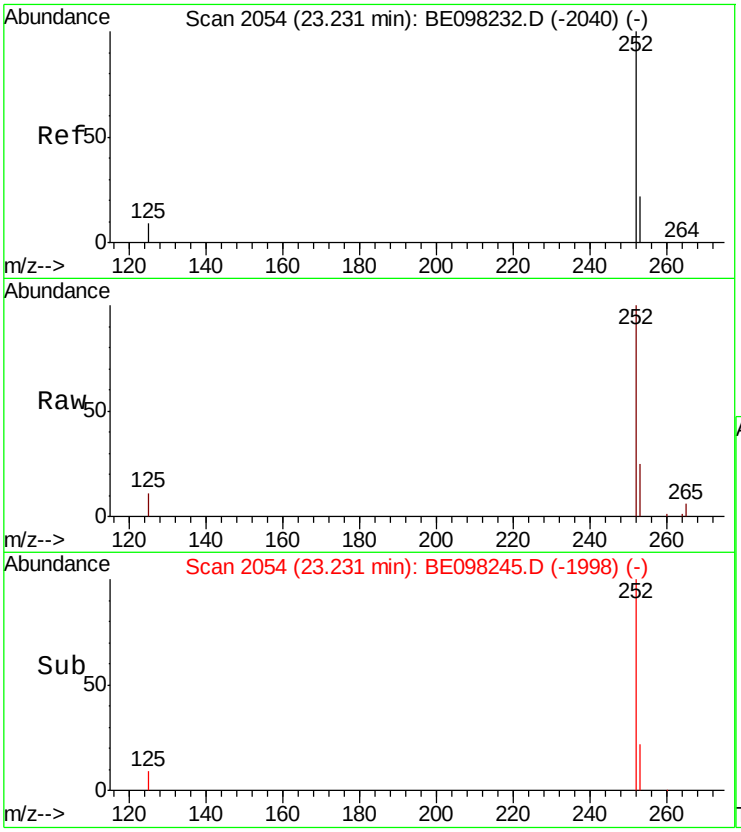


#34
Perylene-d12
Concen: 0.400 ng
RT: 24.02 min Scan# 2274
Delta R.T. -0.00 min
Lab File: BE098245.D
Acq: 19 Nov 2018 9:51

Tgt Ion:264 Resp: 8426

Ion	Ratio	Lower	Upper
264	100		
260	25.0	19.9	29.9
265	28.3	21.3	31.9



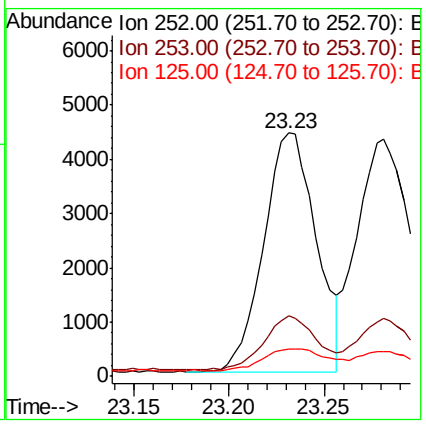


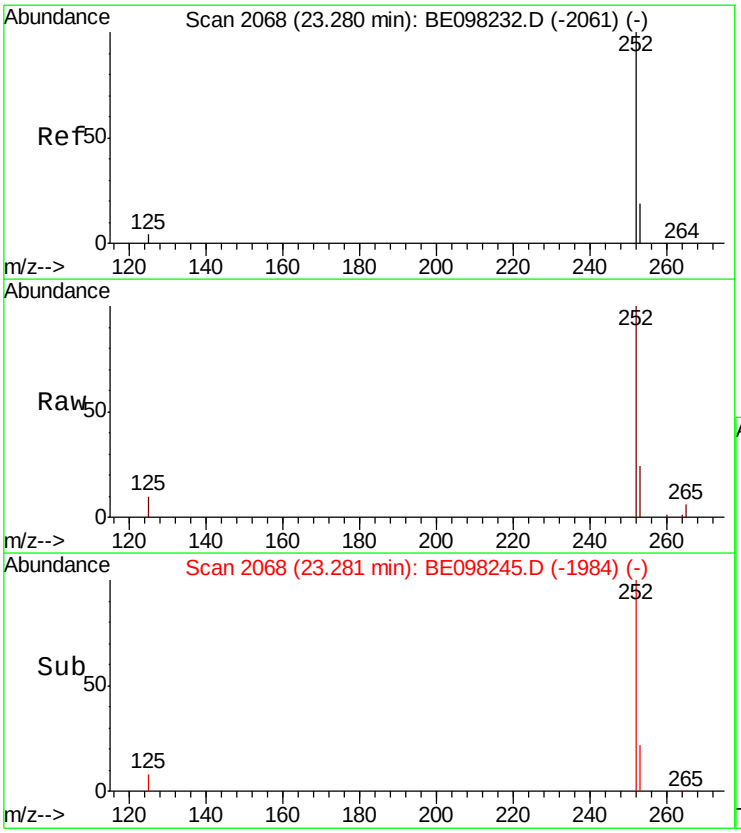
#35
Benzo(b)fluoranthene
Concen: 0.357 ng
RT: 23.23 min Scan# 2054
Delta R.T. 0.00 min
Lab File: BE098245.D
Acq: 19 Nov 2018 9:51

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 8498

Ion	Ratio	Lower	Upper
252	100		
253	24.7	19.4	29.0
125	11.3	8.6	12.8

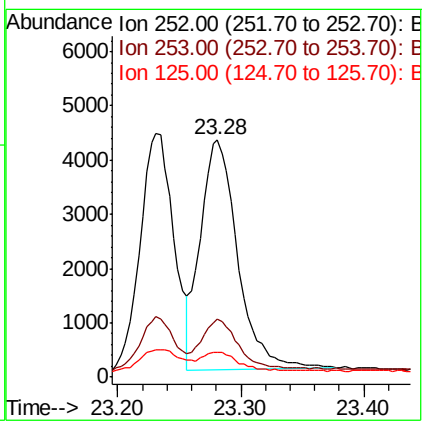


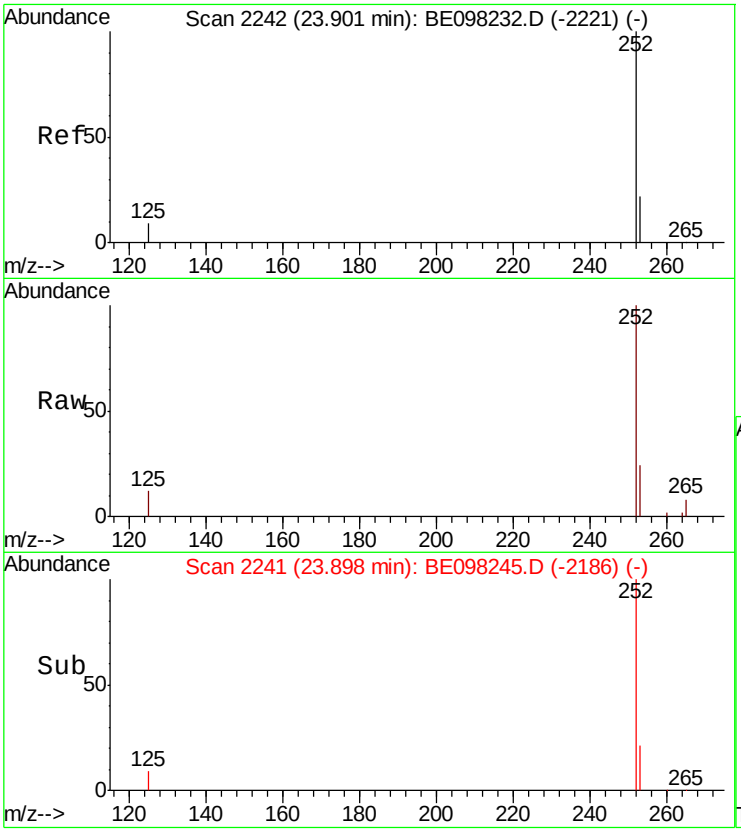


#36
Benzo(k)fluoranthene
Concen: 0.332 ng
RT: 23.28 min Scan# 2068
Delta R.T. 0.00 min
Lab File: BE098245.D
Acq: 19 Nov 2018 9:51

Tgt Ion:252 Resp: 8929

Ion	Ratio	Lower	Upper
252	100		
253	24.3	18.6	28.0
125	10.4	7.4	11.0



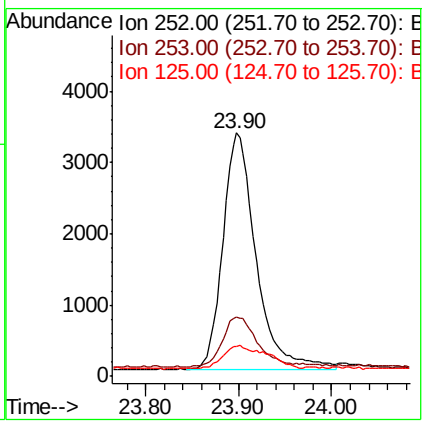


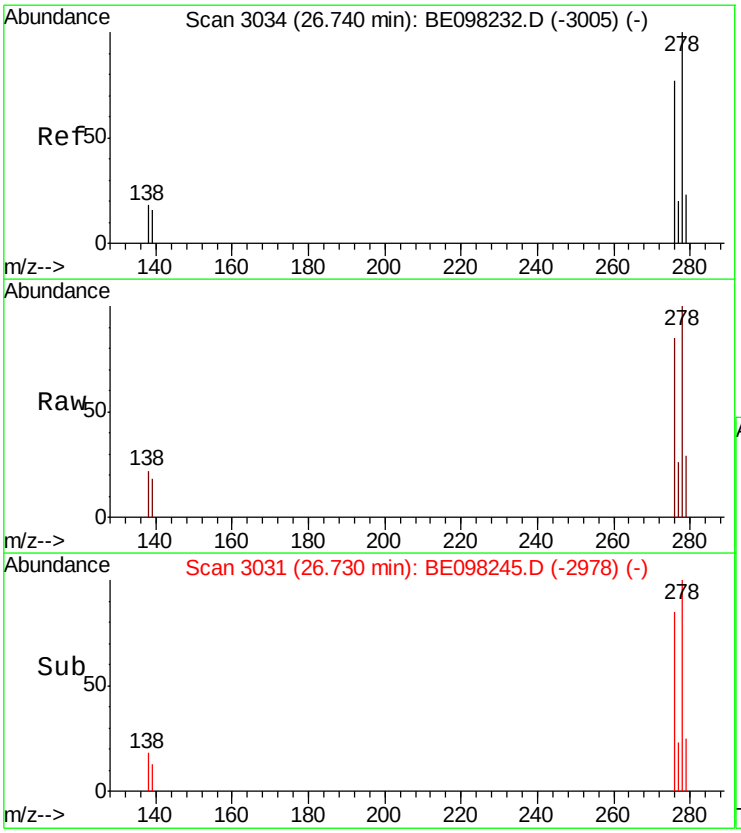
#37
Benzo(a)pyrene
Concen: 0.354 ng
RT: 23.90 min Scan# 2241
Delta R.T. -0.00 min
Lab File: BE098245.D
Acq: 19 Nov 2018 9:51

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 8269

Ion	Ratio	Lower	Upper
252	100		
253	24.5	18.6	27.8
125	12.4	8.0	12.0#

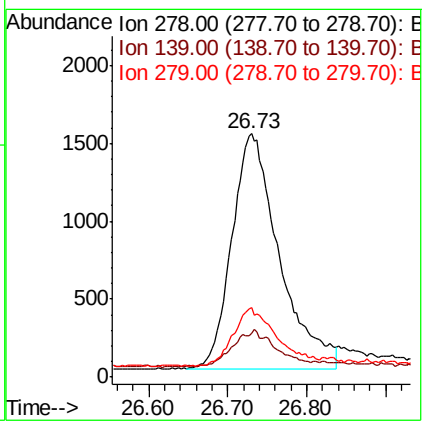


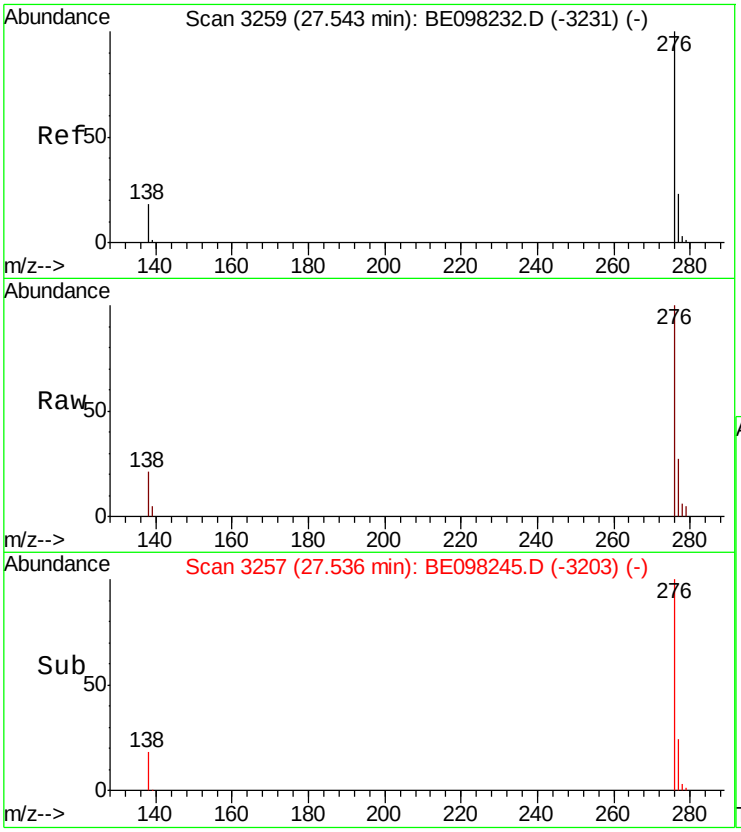


#38
Dibenzo(a,h)anthracene
Concen: 0.337 ng
RT: 26.73 min Scan# 3031
Delta R.T. -0.01 min
Lab File: BE098245.D
Acq: 19 Nov 2018 9:51

Tgt Ion:278 Resp: 6303

Ion	Ratio	Lower	Upper
278	100		
139	17.8	16.4	24.6
279	28.6	21.3	31.9





#39
Benzo(g,h,i)perylene
Concen: 0.351 ng
RT: 27.54 min Scan# 3257
Delta R.T. -0.01 min
Lab File: BE098245.D
Acq: 19 Nov 2018 9:51

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 7079

Ion	Ratio	Lower	Upper
276	100		
277	27.0	20.4	30.6
138	21.2	13.2	19.8#