Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE111918\
Data File : BE098252.D
Acq On : 19 Nov 2018 17:52
Operator : SJ/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId :

Quant Time: Nov 19 18:24:17 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	7.87	152	1446	0.40	ng		0.00
7) Naphthalene-d8	10.68	136	6737	0.40	ng		0.01
13) Acenaphthene-d10	14.54	164	4204	0.40	ng		0.01
19) Phenanthrene-d10	17.28	188	9771	0.40	ng		0.00
27) Chrysene-d12	21.46	240	10839	0.40	ng		0.00
34) Perylene-d12	24.02	264	10275	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.46	112	1575	0.41	ng		0.00
5) Phenol-d6	7.04	99	2528	0.41	ng		0.00
8) Nitrobenzene-d5	9.03	82	2674	0.42	ng		0.01
11) 2-Methylnaphthalene-d10	12.27	152	4526	0.38	ng		0.00
14) 2,4,6-Tribromophenol	16.03	330	666	0.49	ng		0.00
15) 2-Fluorobiphenyl	13.16	172	6872	0.38	ng		0.01
25) Fluoranthene-d10	19.31	212	46596	0.39	ng		0.00
29) Terphenyl-d14	19.91	244	9258	0.37	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.37	88	871	0.384	ng		91
3) n-Nitrosodimethylamine	3.69	42	955	0.374	ng	#	84
6) bis(2-Chloroethyl)ether	7.30	93	1996	0.383	ng		93
9) Naphthalene	10.72	128	27172	0.396	ng		99
10) Hexachlorobutadiene	11.00	225	1560	0.388	ng		98
12) 2-Methylnaphthalene	12.35	142	4730	0.391	ng		92
16) Acenaphthylene	14.25	152	7954	0.397	ng		99
17) Acenaphthene	14.60	154	4793	0.401	ng		99
18) Fluorene	15.58	166	6127	0.402	ng		99
20) 4-Bromophenyl-phenylether	16.48	248	2328	0.385	ng	#	79
21) Hexachlorobenzene	16.59	284	2380	0.381	ng		97
22) Pentachlorophenol	16.94	266	469	0.485	ng		98
23) Phenanthrene	17.33	178	9717	0.387	ng		100
24) Anthracene	17.42	178	9001	0.394	ng		100
26) Fluoranthene	19.34	202	11820	0.392	ng		99
28) Pyrene	19.70	202	12104	0.382	ng		99
30) Benzo(a)anthracene	21.45	228	12203	0.389	ng		98
31) Chrysene	21.50	228	12834	0.398	ng		99
32) Bis(2-ethylhexyl)phthalate	21.37	149	25305	0.518	ng		99
33) Indeno(1,2,3-cd)pyrene	26.71	276	11230	0.407	ng	#	87
35) Benzo(b)fluoranthene	23.23	252	11527	0.397	ng		99
36) Benzo(k)fluoranthene	23.28	252	12525	0.382	ng		99
37) Benzo(a)pyrene	23.90	252	11083	0.389	ng	#	96
38) Dibenzo(a,h)anthracene	26.73	278	9373	0.410	ng		97
39) Benzo(g,h,i)perylene	27.54	276	10173	0.414	ng	#	97

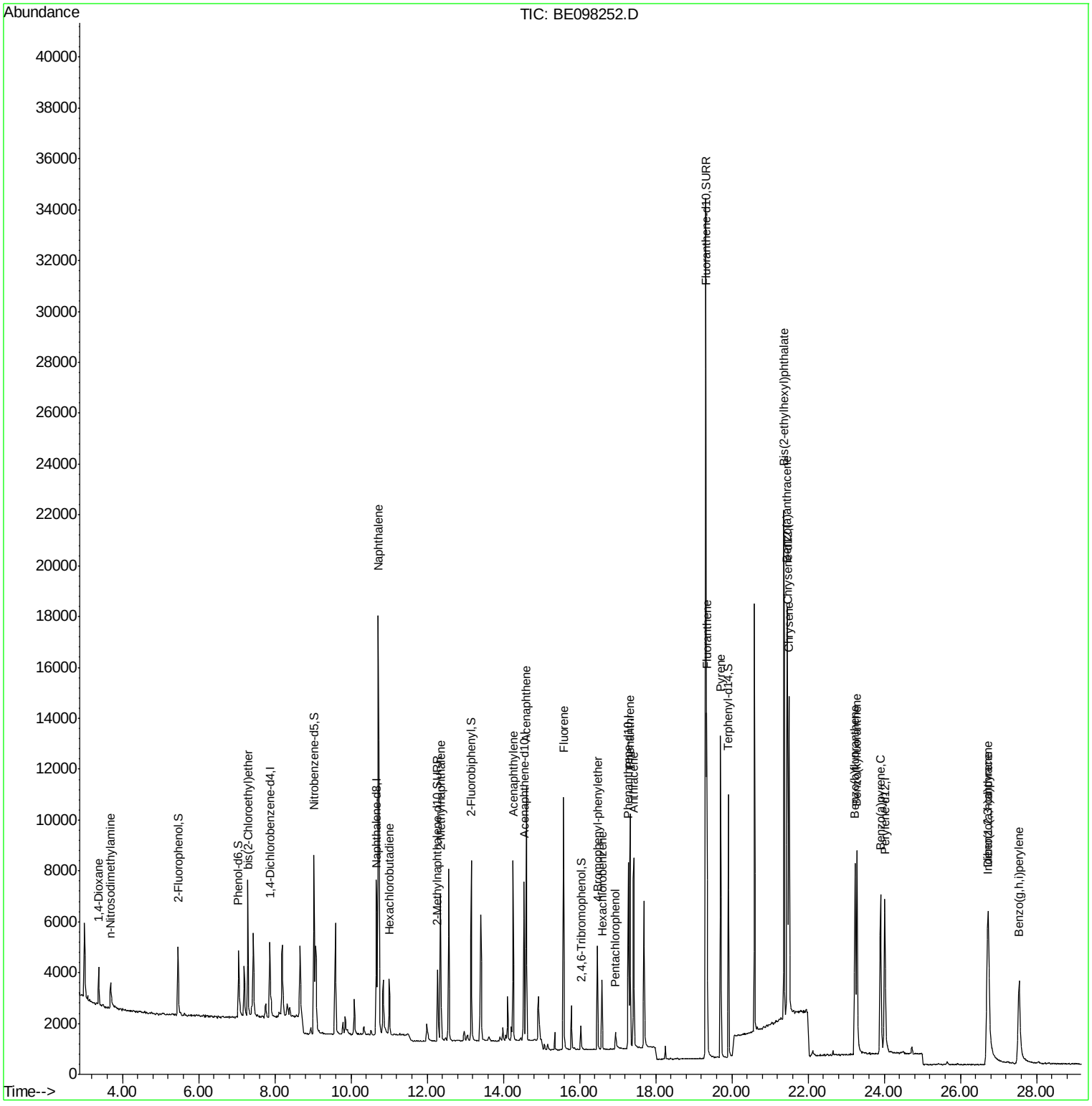
(#) = qualifier out of range (m) = manual integration (+) = signals summed

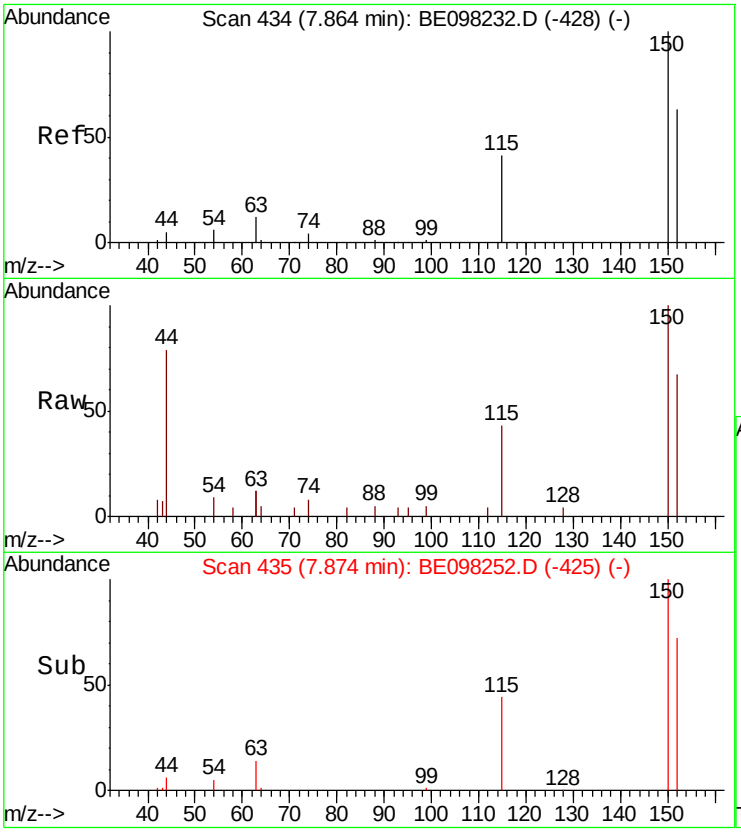
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE111918\
Data File : BE098252.D
Acq On : 19 Nov 2018 17:52
Operator : SJ/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :

Quant Time: Nov 19 18:24:17 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



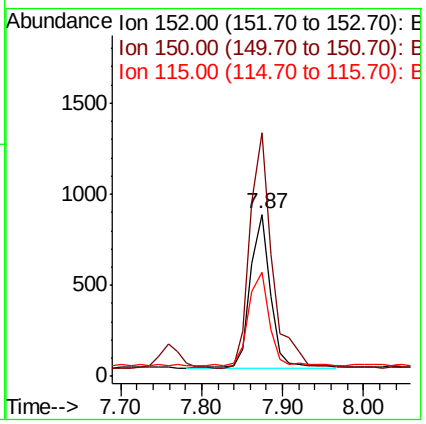


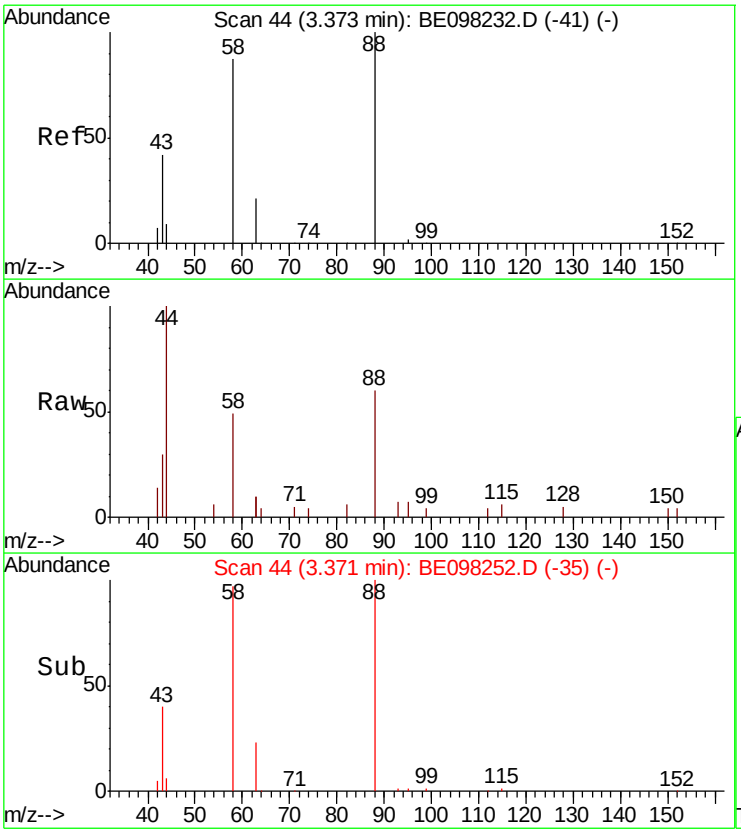
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.87 min Scan# 435
Delta R.T. 0.01 min
Lab File: BE098252.D
Acq: 19 Nov 2018 17:52

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 1446

Ion	Ratio	Lower	Upper
152	100		
150	150.2	127.5	191.3
115	64.4	60.3	90.5

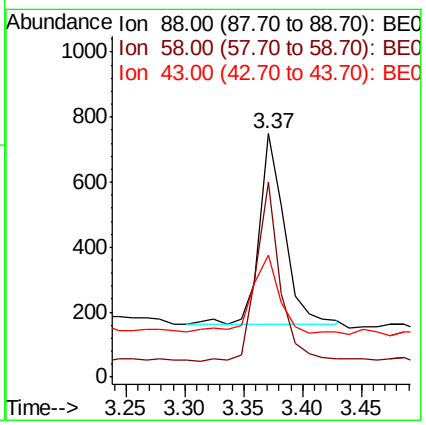


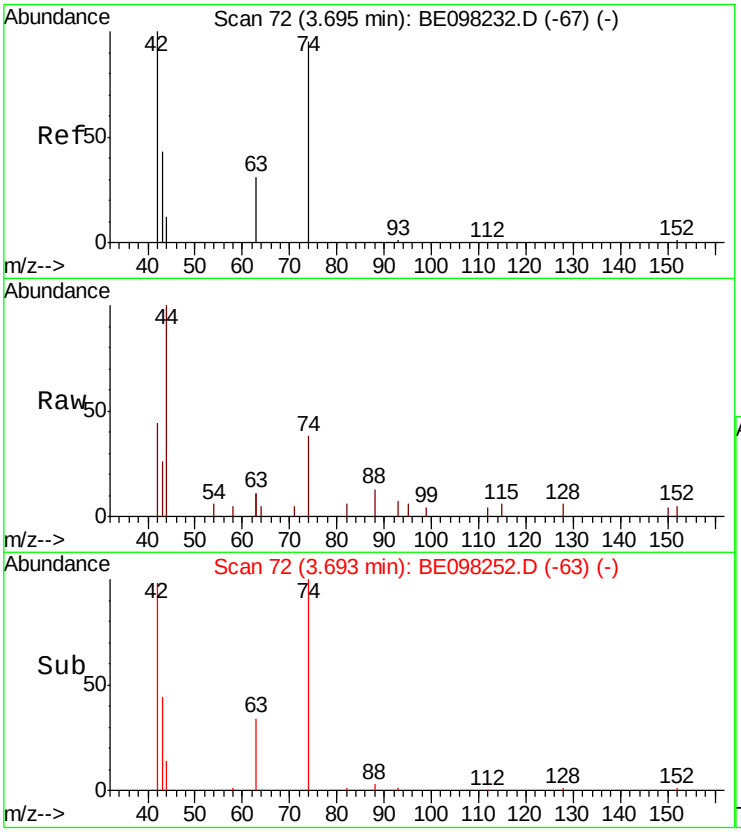


#2
1,4-Dioxane
Concen: 0.384 ng
RT: 3.37 min Scan# 44
Delta R.T. -0.00 min
Lab File: BE098252.D
Acq: 19 Nov 2018 17:52

Tgt Ion: 88 Resp: 871

Ion	Ratio	Lower	Upper
88	100		
58	89.0	79.0	118.4
43	42.8	38.1	57.1



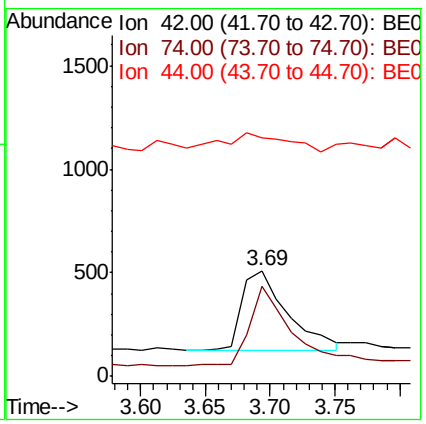


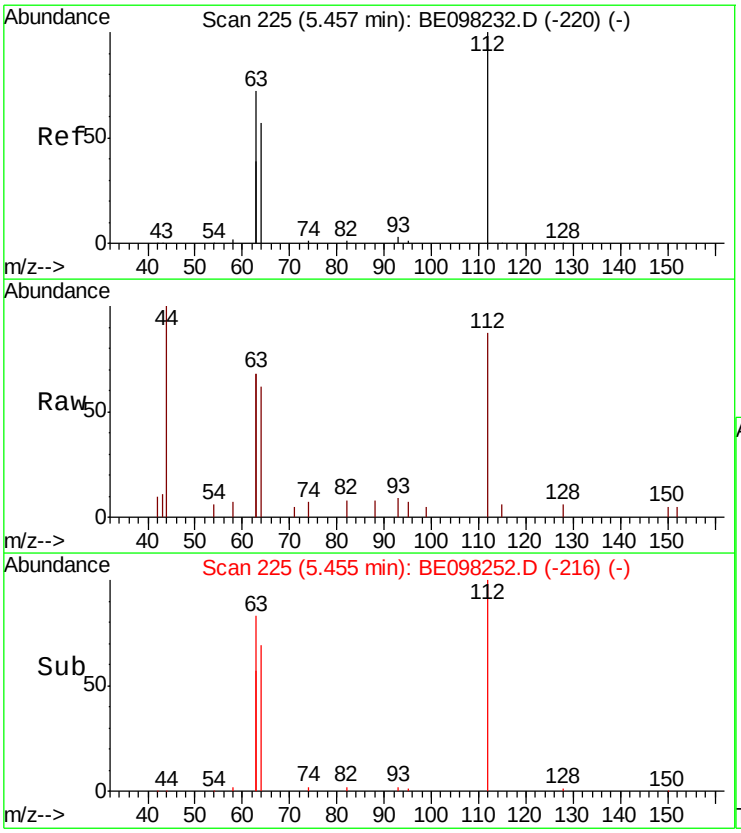
#3
n-Nitrosodimethylamine
Concen: 0.374 ng
RT: 3.69 min Scan# 72
Delta R.T. -0.00 min
Lab File: BE098252.D
Acq: 19 Nov 2018 17:52

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 42 Resp: 955

Ion	Ratio	Lower	Upper
42	100		
74	87.2	61.7	92.5
44	32.0	14.0	21.0#

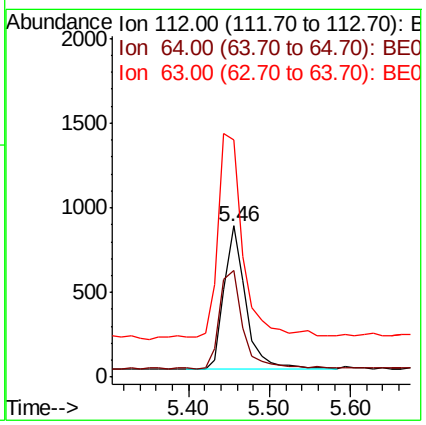


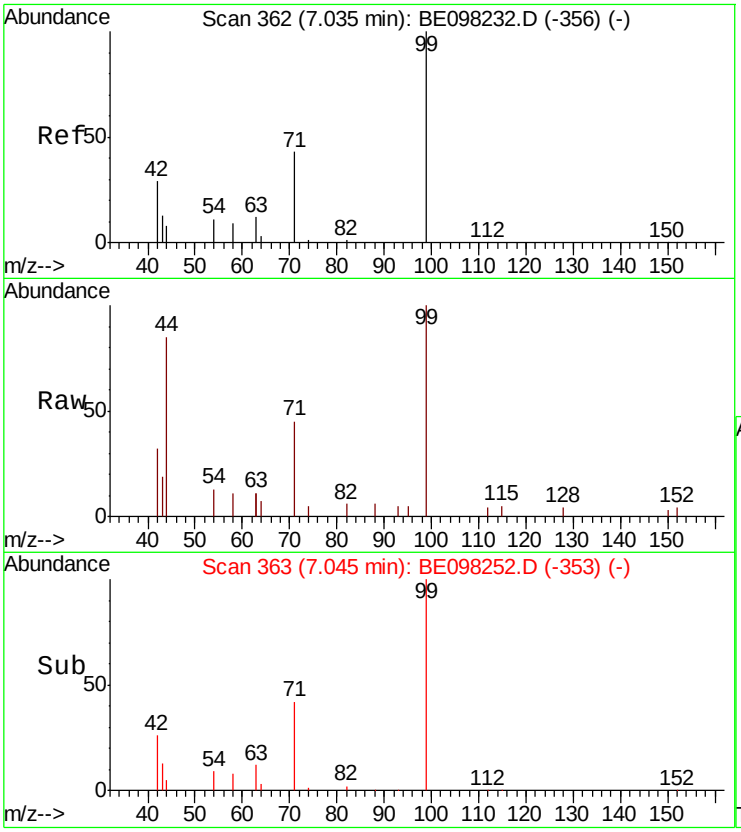


#4
2-Fluorophenol
Concen: 0.406 ng
RT: 5.46 min Scan# 225
Delta R.T. -0.00 min
Lab File: BE098252.D
Acq: 19 Nov 2018 17:52

Tgt Ion:112 Resp: 1575

Ion	Ratio	Lower	Upper
112	100		
64	72.8	61.7	92.5
63	161.0	136.2	204.2



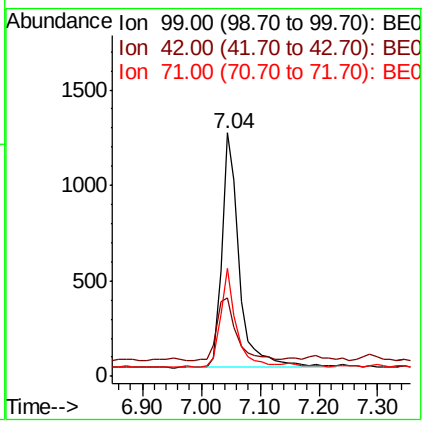


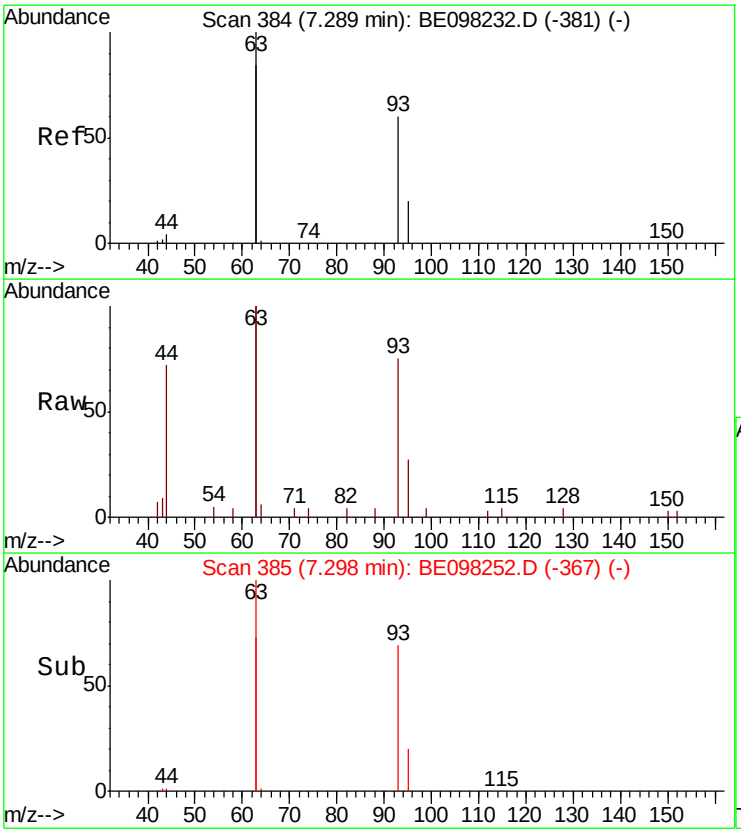
#5
Phenol-d6
Concen: 0.415 ng
RT: 7.04 min Scan# 363
Delta R.T. 0.01 min
Lab File: BE098252.D
Acq: 19 Nov 2018 17:52

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 99 Resp: 2528

Ion	Ratio	Lower	Upper
99	100		
42	28.8	27.1	40.7
71	36.8	37.0	55.6#

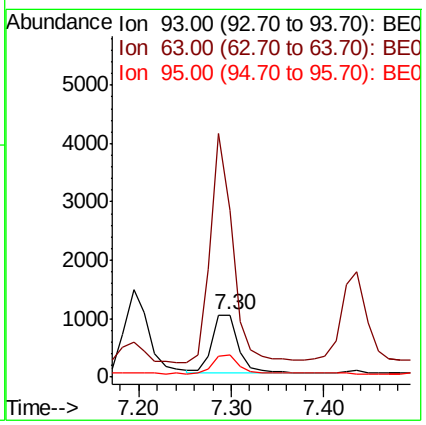


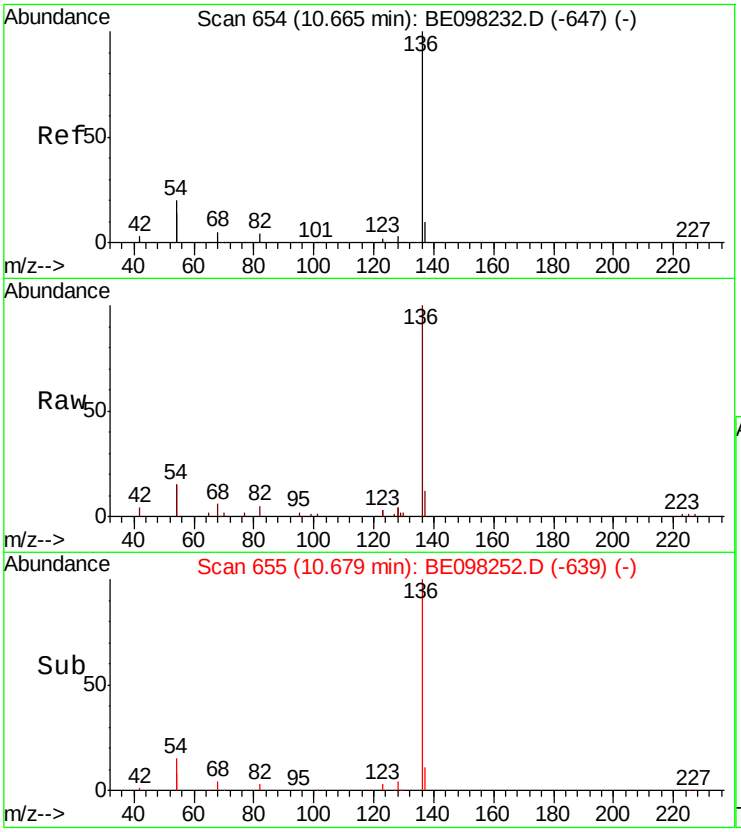


#6
bis(2-Chloroethyl)ether
Concen: 0.383 ng
RT: 7.30 min Scan# 385
Delta R.T. 0.01 min
Lab File: BE098252.D
Acq: 19 Nov 2018 17:52

Tgt Ion: 93 Resp: 1996

Ion	Ratio	Lower	Upper
93	100		
63	326.3	272.6	409.0
95	31.2	27.1	40.7



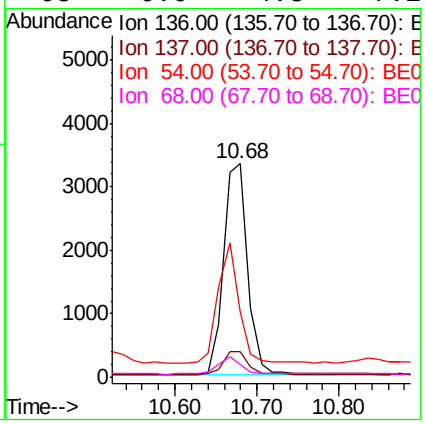


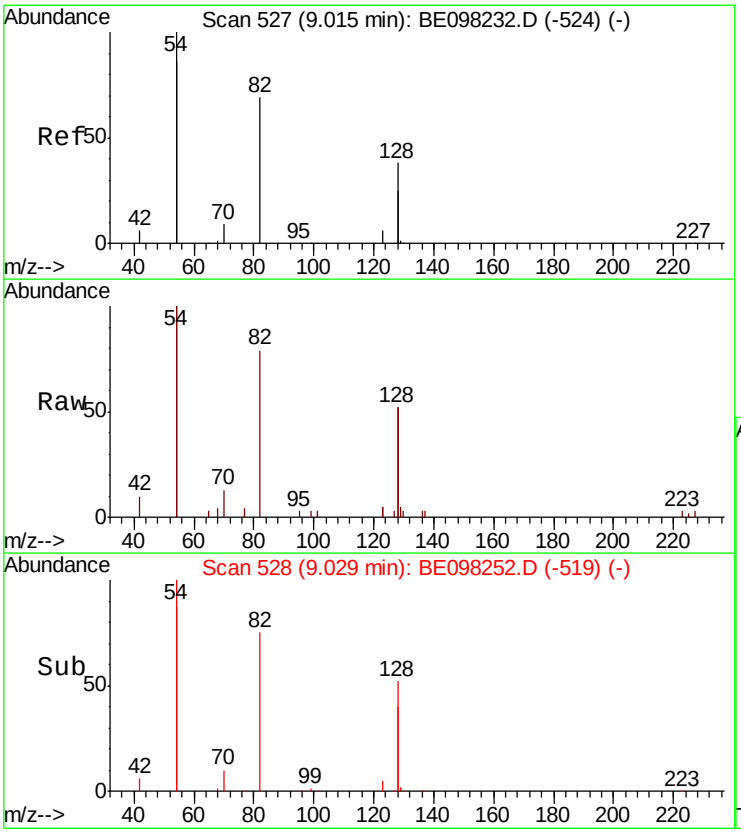
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.68 min Scan# 655
Delta R.T. 0.01 min
Lab File: BE098252.D
Acq: 19 Nov 2018 17:52

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:136 Resp: 6737

Ion	Ratio	Lower	Upper
136	100		
137	12.1	9.5	14.3
54	30.5	31.3	46.9#
68	6.0	4.8	7.2

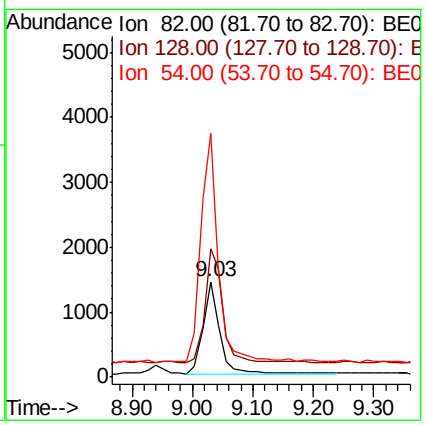


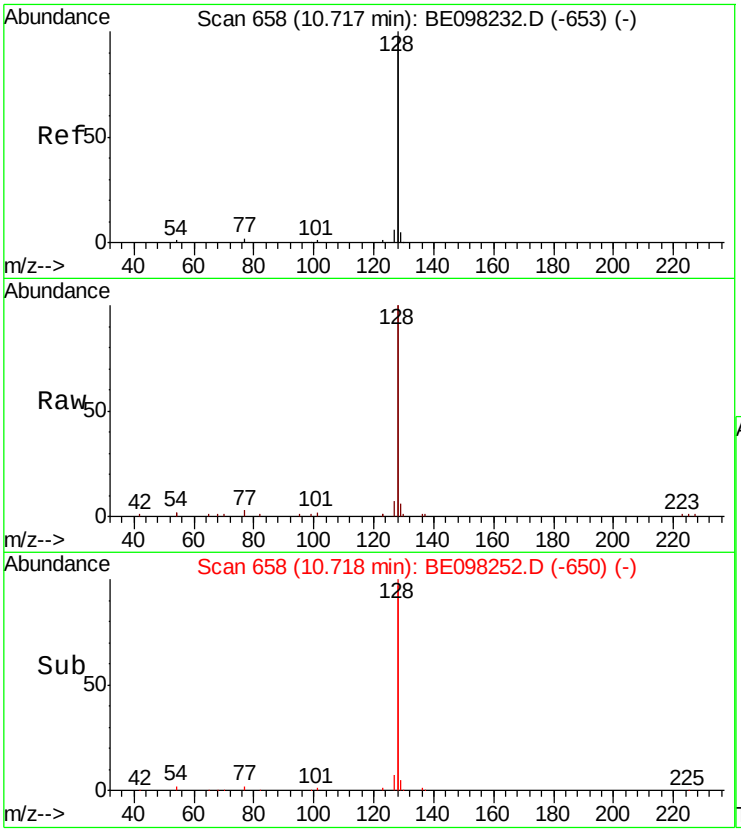


#8
Nitrobenzene-d5
Concen: 0.421 ng
RT: 9.03 min Scan# 528
Delta R.T. 0.01 min
Lab File: BE098252.D
Acq: 19 Nov 2018 17:52

Tgt Ion: 82 Resp: 2674

Ion	Ratio	Lower	Upper
82	100		
128	133.5	96.1	144.1
54	254.4	232.0	348.0



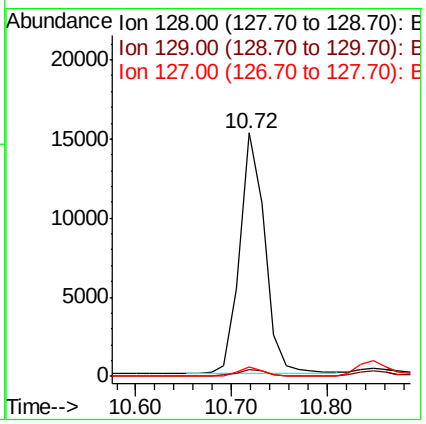


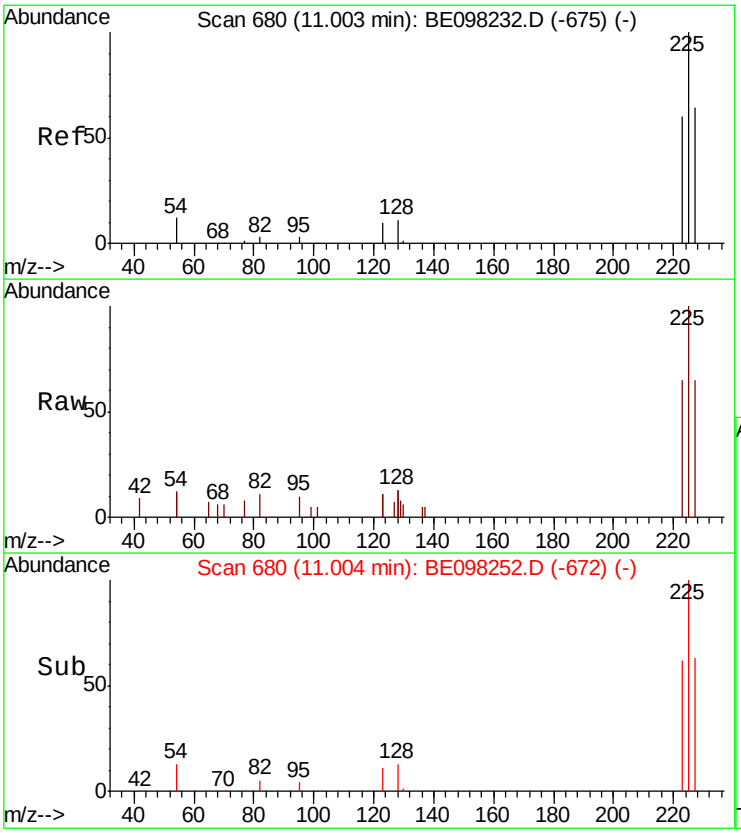
#9
Naphthalene
Concen: 0.396 ng
RT: 10.72 min Scan# 658
Delta R.T. 0.00 min
Lab File: BE098252.D
Acq: 19 Nov 2018 17:52

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:128 Resp: 27172

Ion	Ratio	Lower	Upper
128	100		
129	3.0	2.6	4.0
127	3.6	2.8	4.2

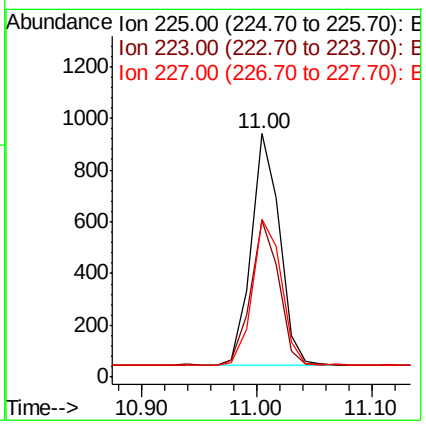


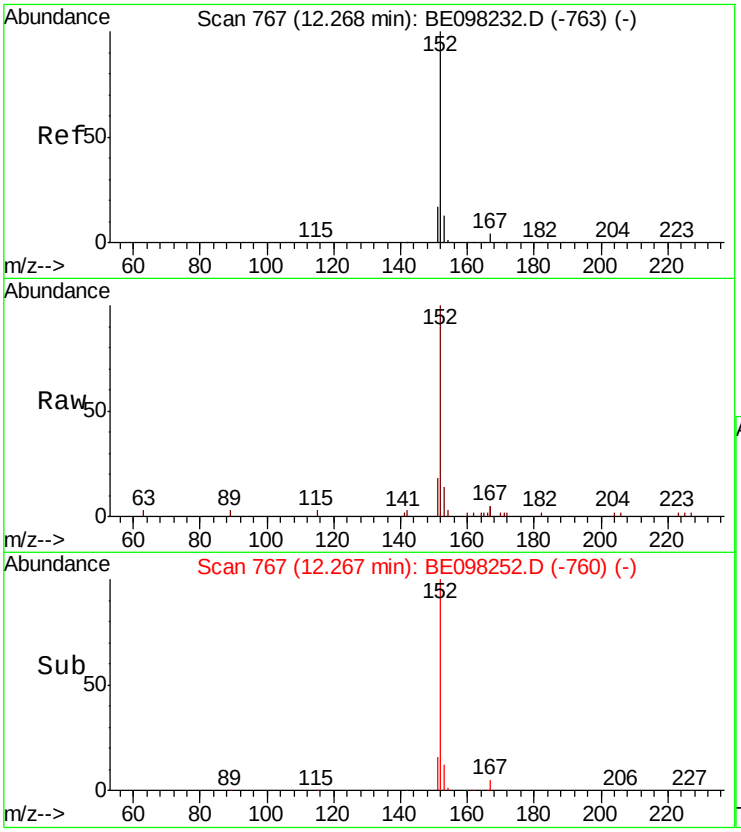


#10
Hexachlorobutadiene
Concen: 0.388 ng
RT: 11.00 min Scan# 680
Delta R.T. 0.00 min
Lab File: BE098252.D
Acq: 19 Nov 2018 17:52

Tgt Ion:225 Resp: 1560

Ion	Ratio	Lower	Upper
225	100		
223	61.5	50.5	75.7
227	64.5	50.3	75.5



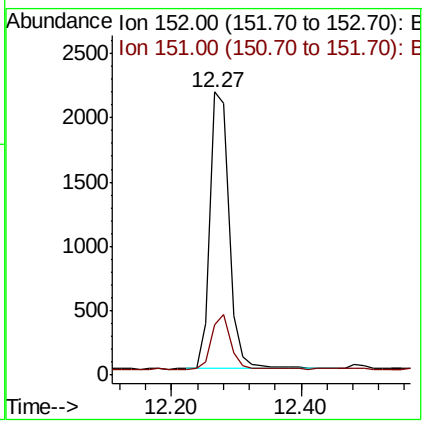


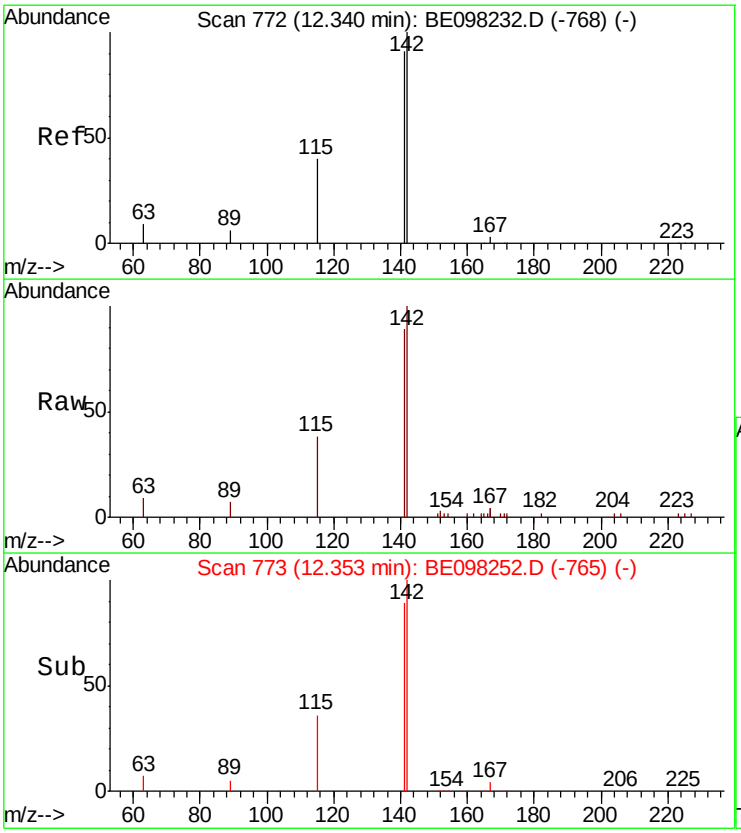
#11
2-Methylnaphthalene-d10
Concen: 0.383 ng
RT: 12.27 min Scan# 767
Delta R.T. -0.00 min
Lab File: BE098252.D
Acq: 19 Nov 2018 17:52

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 4526

Ion	Ratio	Lower	Upper
152	100		
151	19.6	15.4	23.2

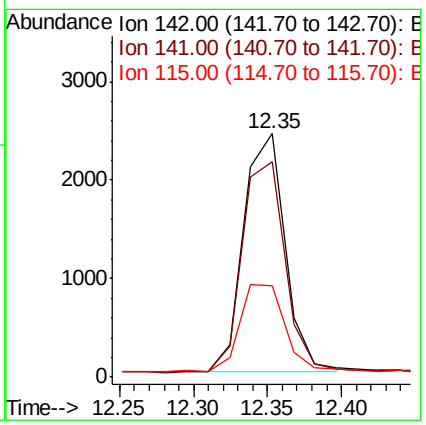


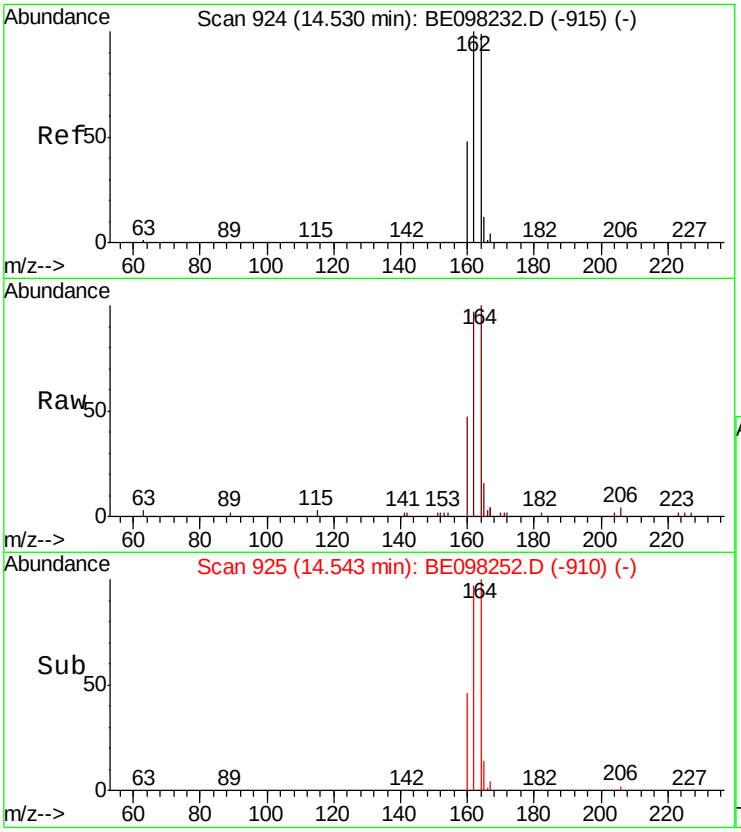


#12
2-Methylnaphthalene
Concen: 0.391 ng
RT: 12.35 min Scan# 773
Delta R.T. 0.01 min
Lab File: BE098252.D
Acq: 19 Nov 2018 17:52

Tgt Ion:142 Resp: 4730

Ion	Ratio	Lower	Upper
142	100		
141	88.7	76.3	114.5
115	37.6	35.8	53.8



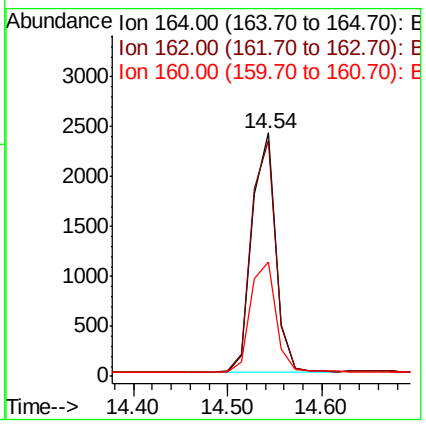


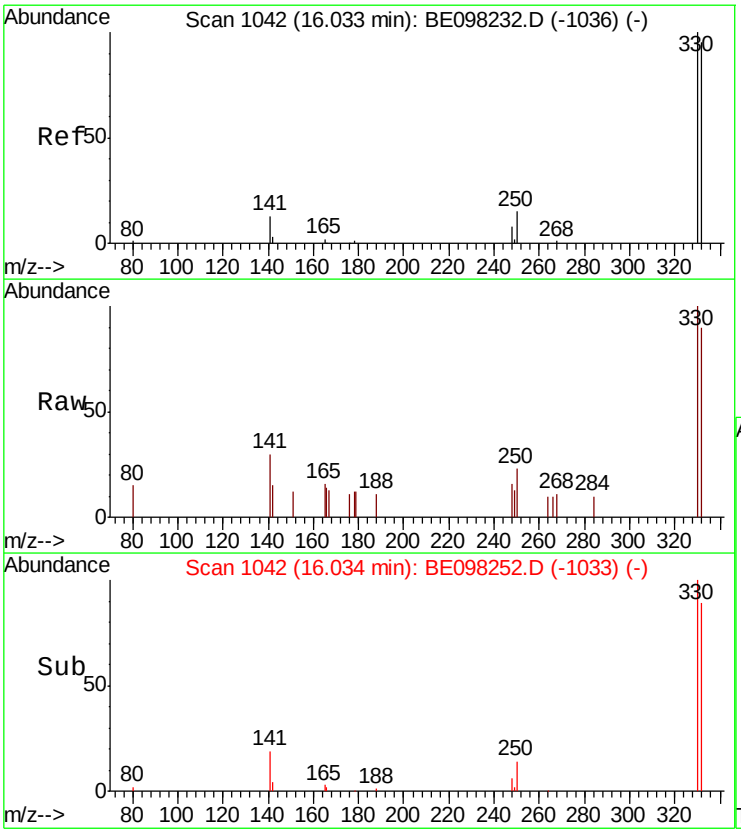
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.54 min Scan# 925
Delta R.T. 0.01 min
Lab File: BE098252.D
Acq: 19 Nov 2018 17:52

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:164 Resp: 4204

Ion	Ratio	Lower	Upper
164	100		
162	97.0	81.8	122.6
160	46.9	39.4	59.0

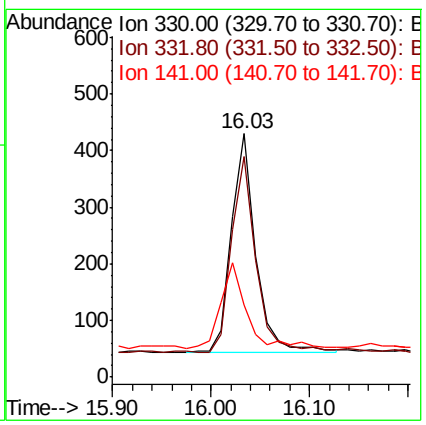


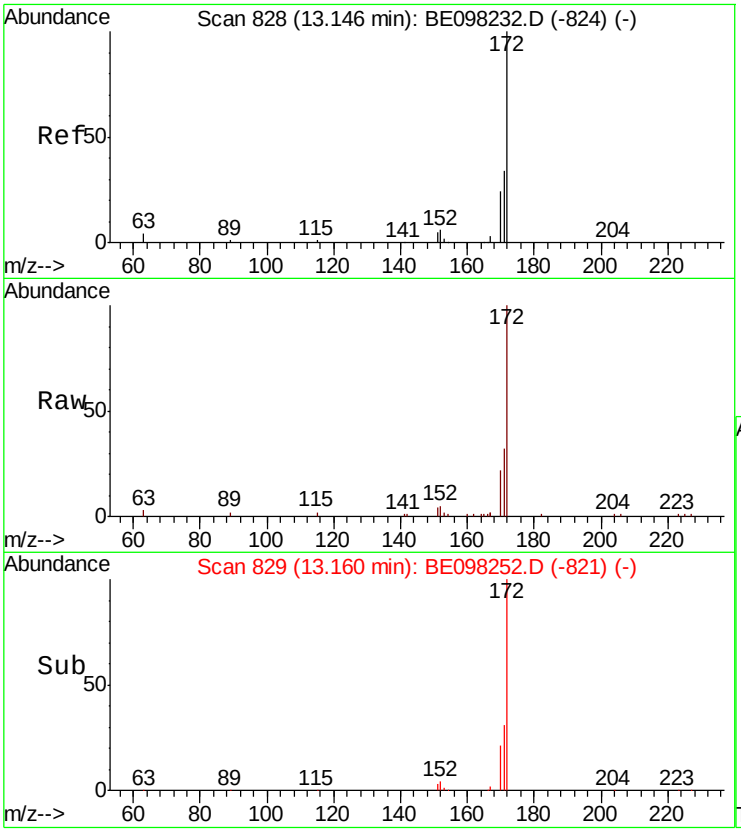


#14
2,4,6-Tribromophenol
Concen: 0.492 ng
RT: 16.03 min Scan# 1042
Delta R.T. 0.00 min
Lab File: BE098252.D
Acq: 19 Nov 2018 17:52

Tgt Ion:330 Resp: 666

Ion	Ratio	Lower	Upper
330	100		
332	91.7	77.7	116.5
141	41.4	33.6	50.4



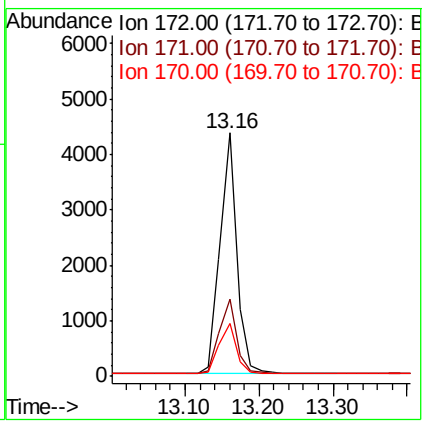


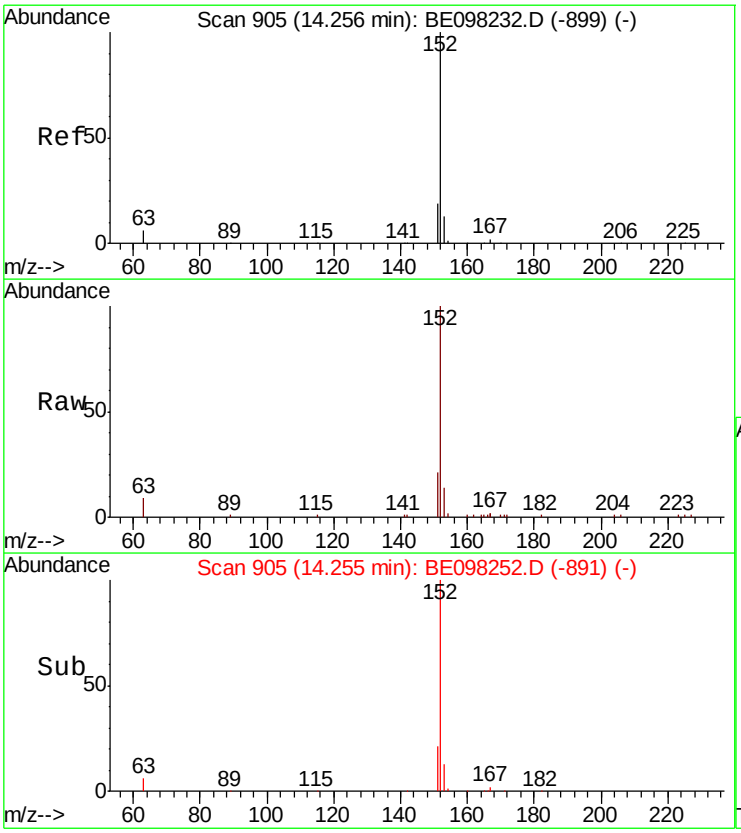
#15
2-Fluorobiphenyl
Concen: 0.376 ng
RT: 13.16 min Scan# 829
Delta R.T. 0.01 min
Lab File: BE098252.D
Acq: 19 Nov 2018 17:52

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:172 Resp: 6872

Ion	Ratio	Lower	Upper
172	100		
171	31.9	27.3	40.9
170	22.0	19.4	29.0

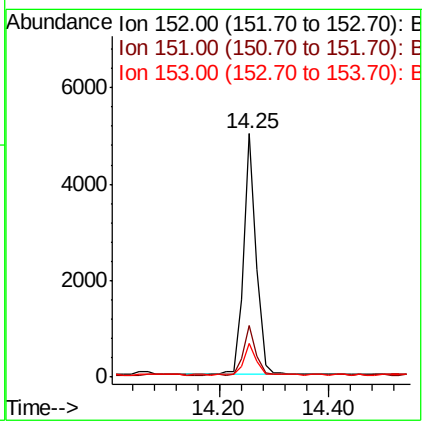


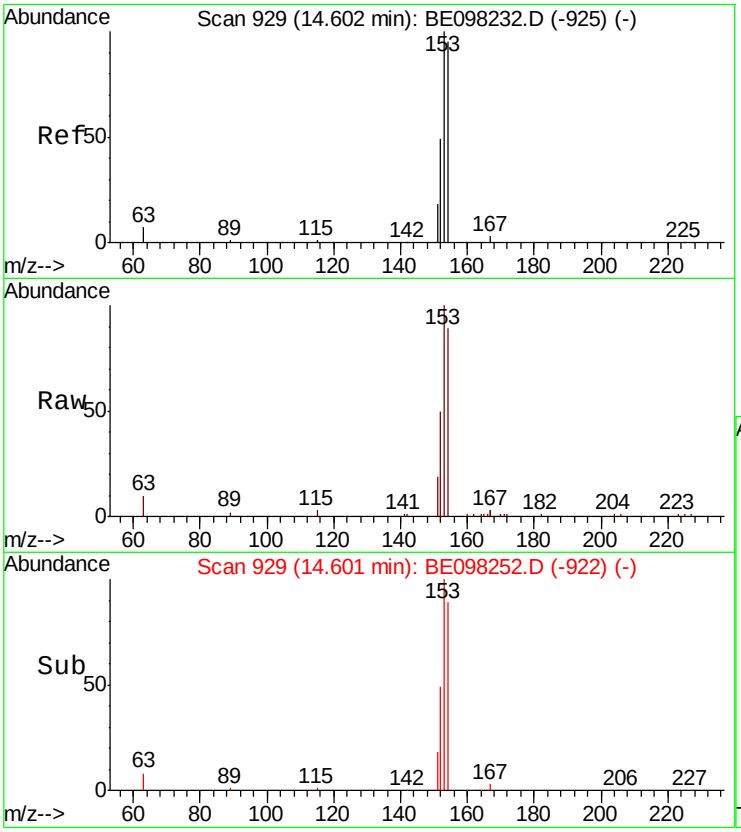


#16
Acenaphthylene
Concen: 0.397 ng
RT: 14.25 min Scan# 905
Delta R.T. -0.00 min
Lab File: BE098252.D
Acq: 19 Nov 2018 17:52

Tgt Ion:152 Resp: 7954

Ion	Ratio	Lower	Upper
152	100		
151	20.0	16.4	24.6
153	12.6	10.6	15.8



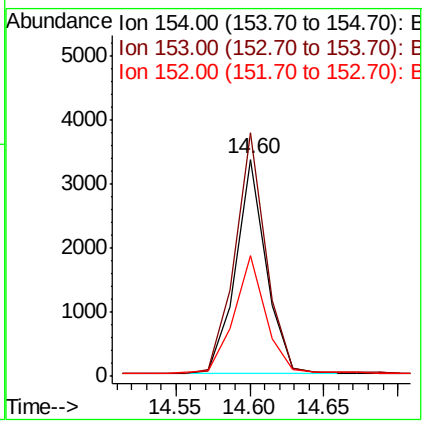


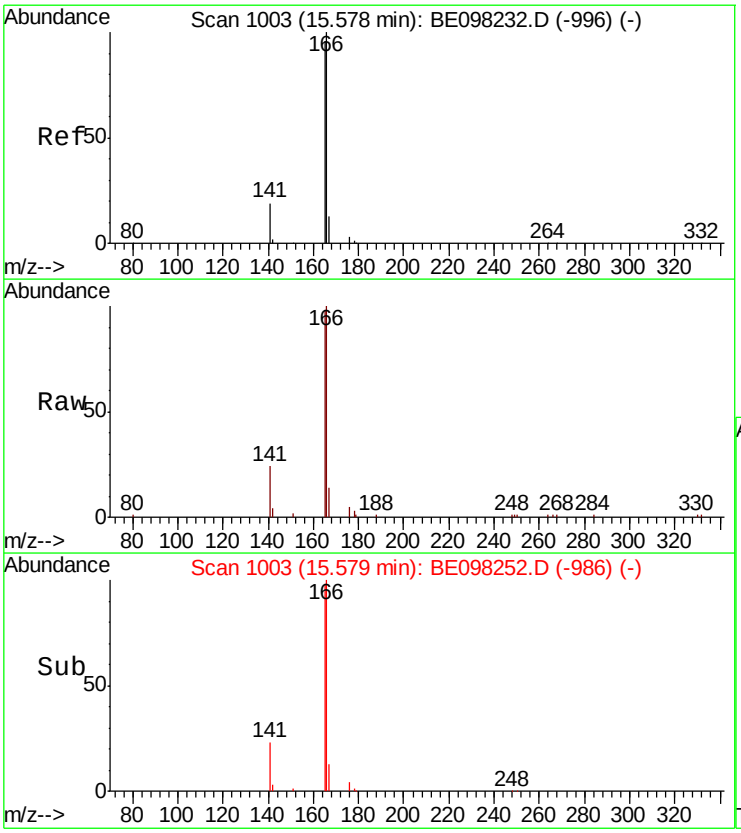
#17
Acenaphthene
Concen: 0.401 ng
RT: 14.60 min Scan# 929
Delta R.T. -0.00 min
Lab File: BE098252.D
Acq: 19 Nov 2018 17:52

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:154 Resp: 4793

Ion	Ratio	Lower	Upper
154	100		
153	114.3	92.1	138.1
152	56.5	46.2	69.2

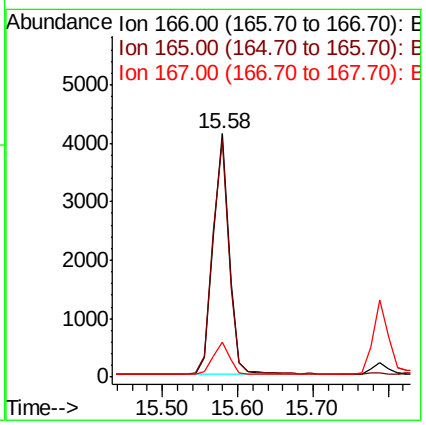


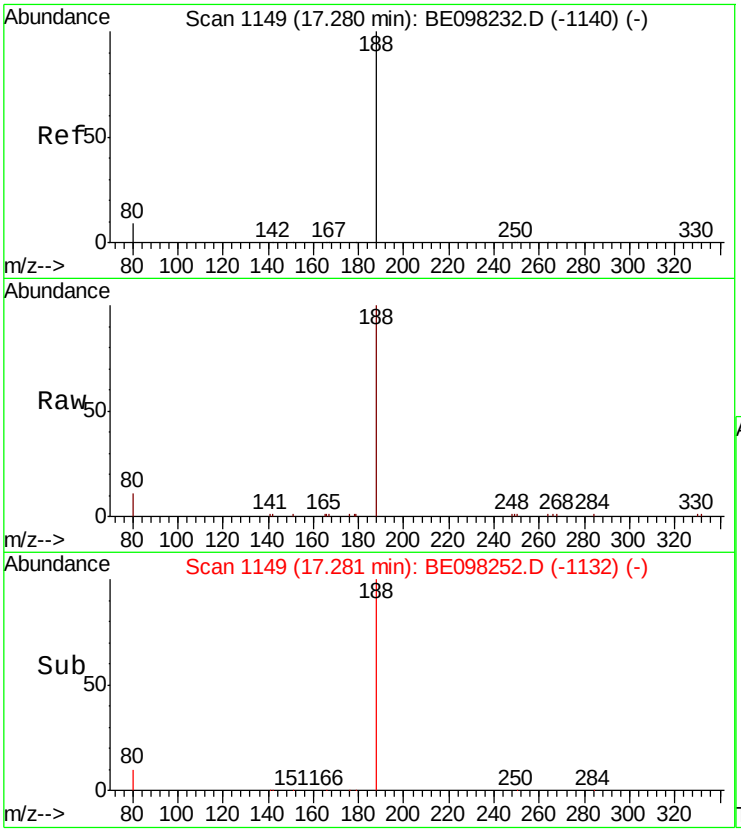


#18
Fluorene
Concen: 0.402 ng
RT: 15.58 min Scan# 1003
Delta R.T. 0.00 min
Lab File: BE098252.D
Acq: 19 Nov 2018 17:52

Tgt Ion:166 Resp: 6127

Ion	Ratio	Lower	Upper
166	100		
165	99.0	80.1	120.1
167	13.7	10.8	16.2



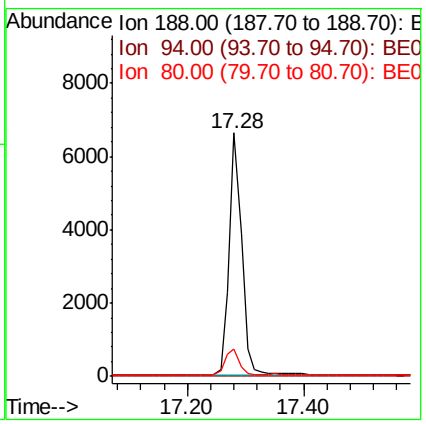


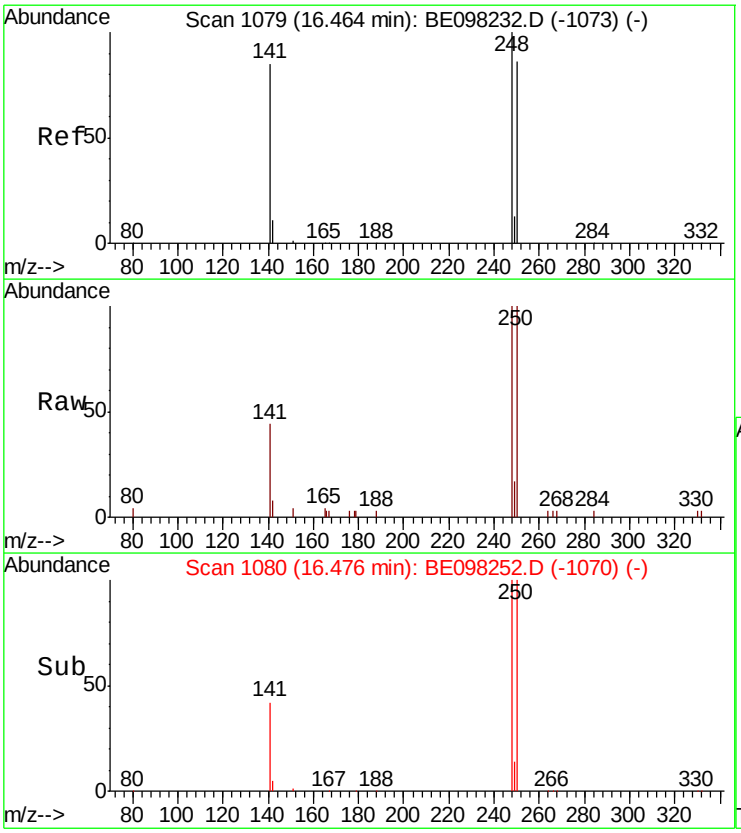
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.28 min Scan# 1149
Delta R.T. 0.00 min
Lab File: BE098252.D
Acq: 19 Nov 2018 17:52

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:188 Resp: 9771

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	11.1	6.7	10.1#

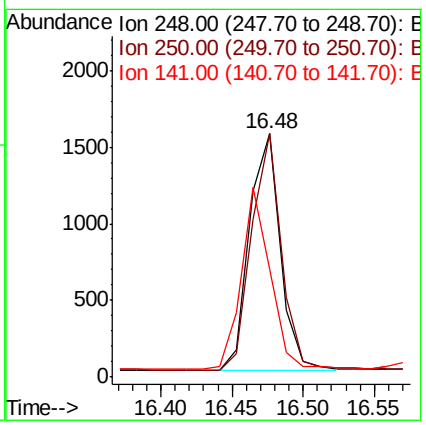


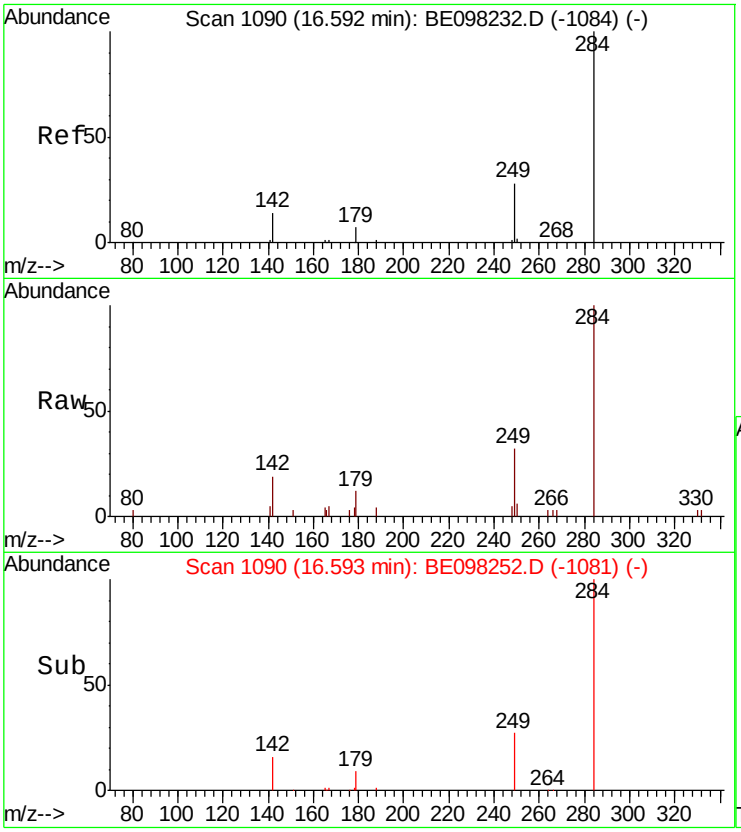


#20
4-Bromophenyl-phenylether
Concen: 0.385 ng
RT: 16.48 min Scan# 1080
Delta R.T. 0.01 min
Lab File: BE098252.D
Acq: 19 Nov 2018 17:52

Tgt Ion:248 Resp: 2328

Ion	Ratio	Lower	Upper
248	100		
250	100.0	77.6	116.4
141	44.4	65.8	98.8#



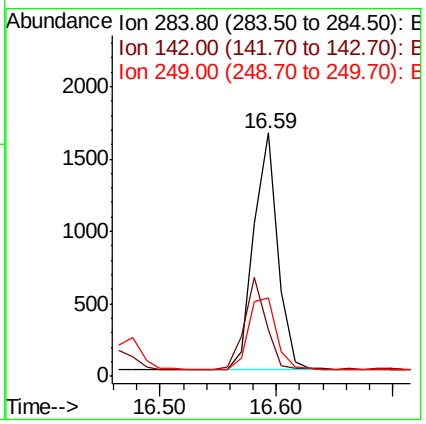


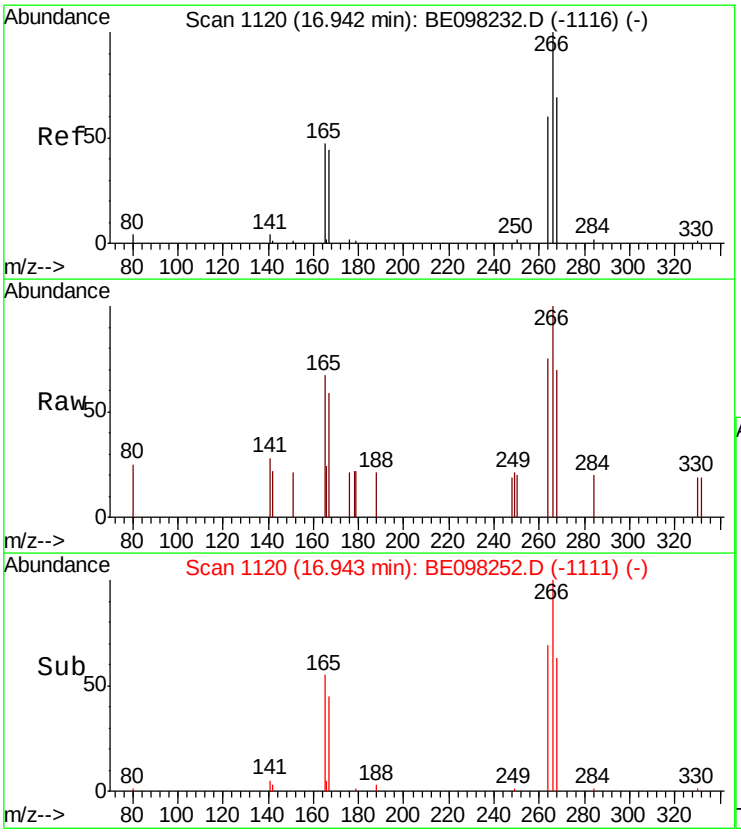
#21
Hexachlorobenzene
Concen: 0.381 ng
RT: 16.59 min Scan# 1090
Delta R.T. 0.00 min
Lab File: BE098252.D
Acq: 19 Nov 2018 17:52

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:284 Resp: 2380

Ion	Ratio	Lower	Upper
284	100		
142	35.7	26.5	39.7
249	34.7	28.4	42.6

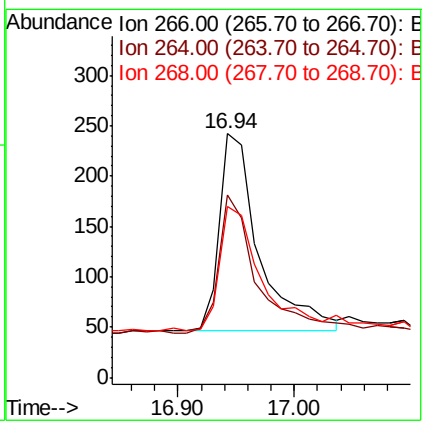


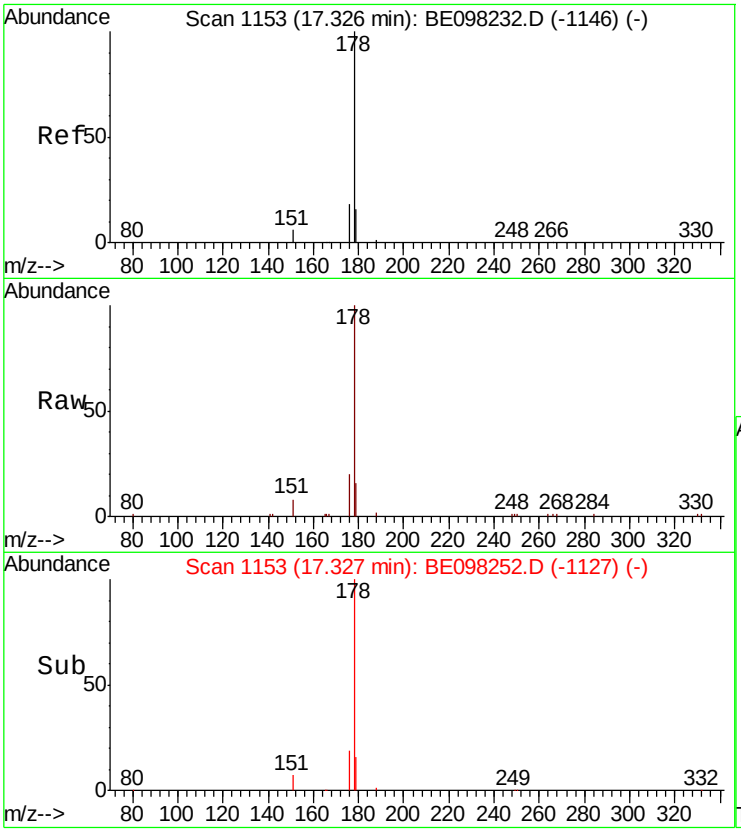


#22
Pentachlorophenol
Concen: 0.485 ng
RT: 16.94 min Scan# 1120
Delta R.T. 0.00 min
Lab File: BE098252.D
Acq: 19 Nov 2018 17:52

Tgt Ion:266 Resp: 469

Ion	Ratio	Lower	Upper
266	100		
264	74.8	57.6	86.4
268	70.2	56.8	85.2



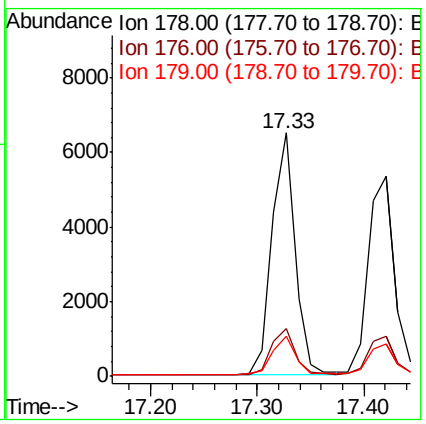


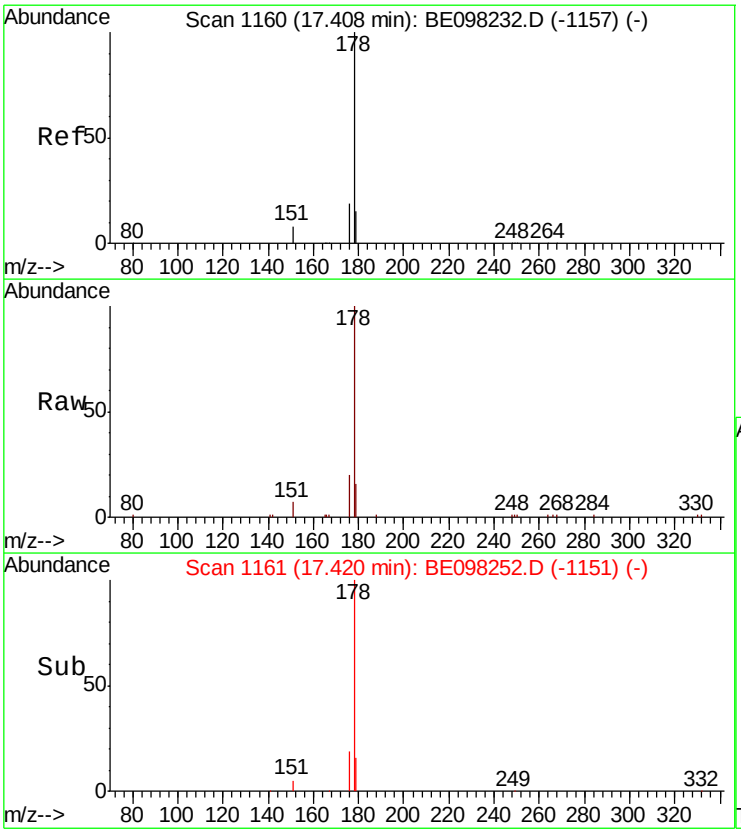
#23
Phenanthrene
Concen: 0.387 ng
RT: 17.33 min Scan# 1153
Delta R.T. 0.00 min
Lab File: BE098252.D
Acq: 19 Nov 2018 17:52

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:178 Resp: 9717

Ion	Ratio	Lower	Upper
178	100		
176	19.7	15.8	23.8
179	15.4	12.3	18.5

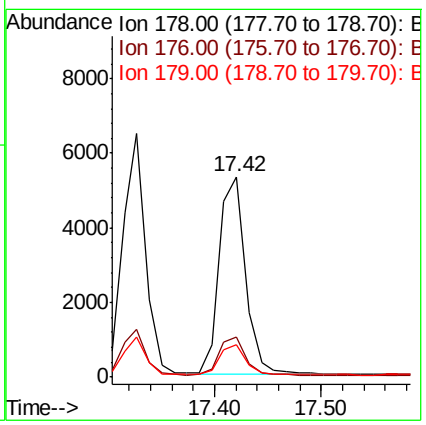


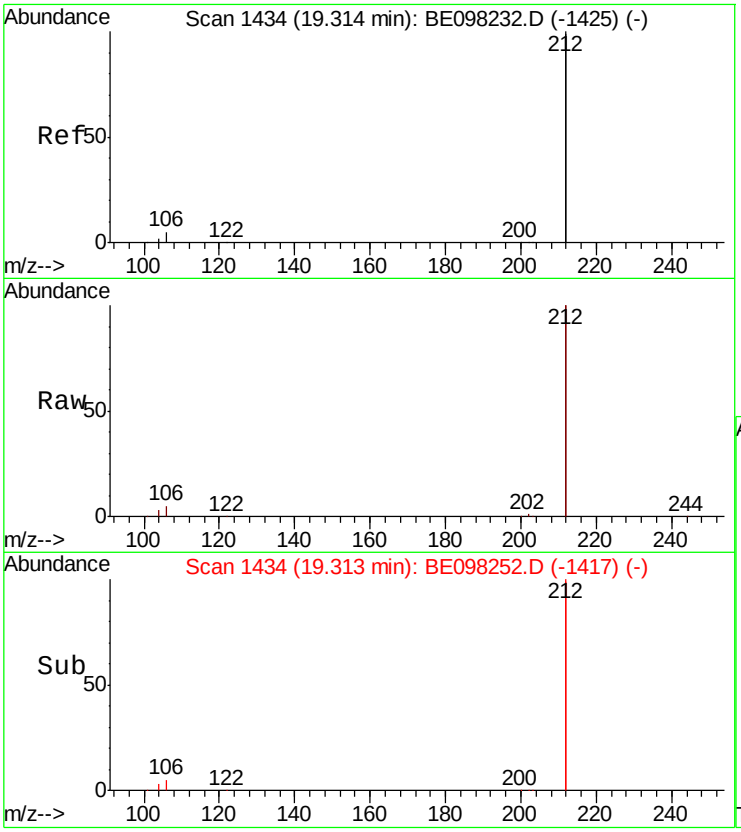


#24
Anthracene
Concen: 0.394 ng
RT: 17.42 min Scan# 1161
Delta R.T. 0.01 min
Lab File: BE098252.D
Acq: 19 Nov 2018 17:52

Tgt Ion:178 Resp: 9001

Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.7	23.5
179	15.2	12.1	18.1



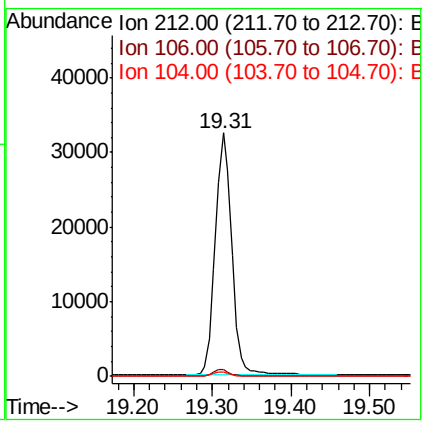


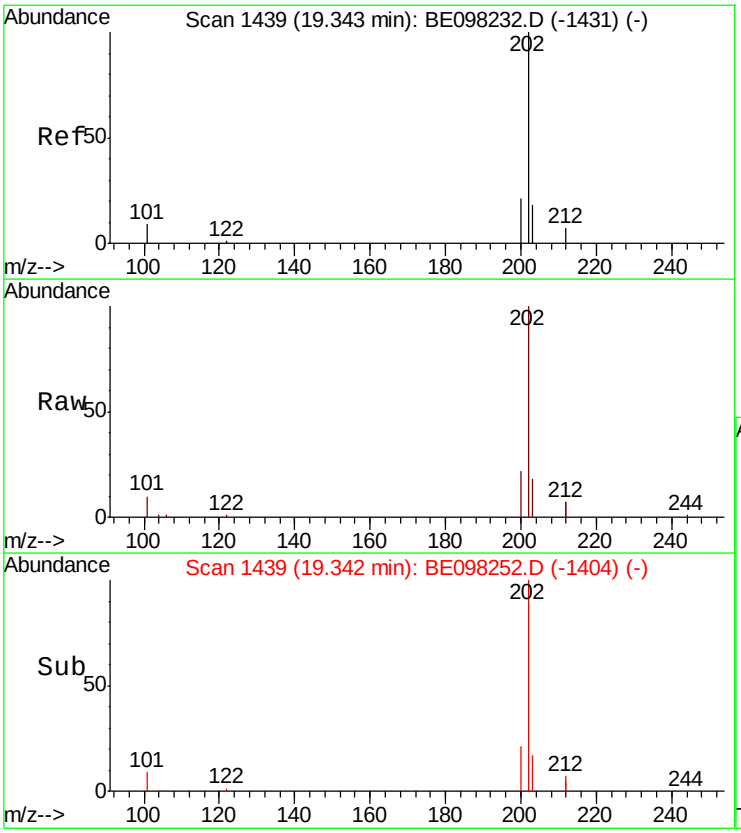
#25
Fluoranthene-d10
Concen: 0.392 ng
RT: 19.31 min Scan# 1434
Delta R.T. -0.00 min
Lab File: BE098252.D
Acq: 19 Nov 2018 17:52

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:212 Resp: 46596

Ion	Ratio	Lower	Upper
212	100		
106	2.7	1.8	2.8
104	1.6	1.1	1.7

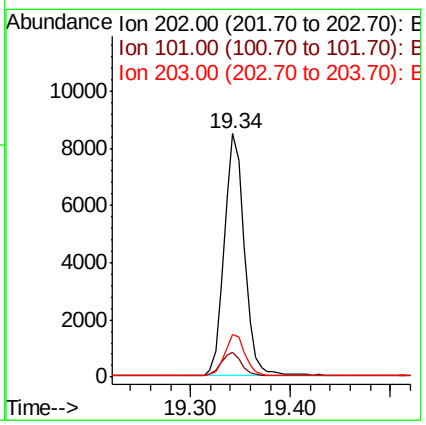


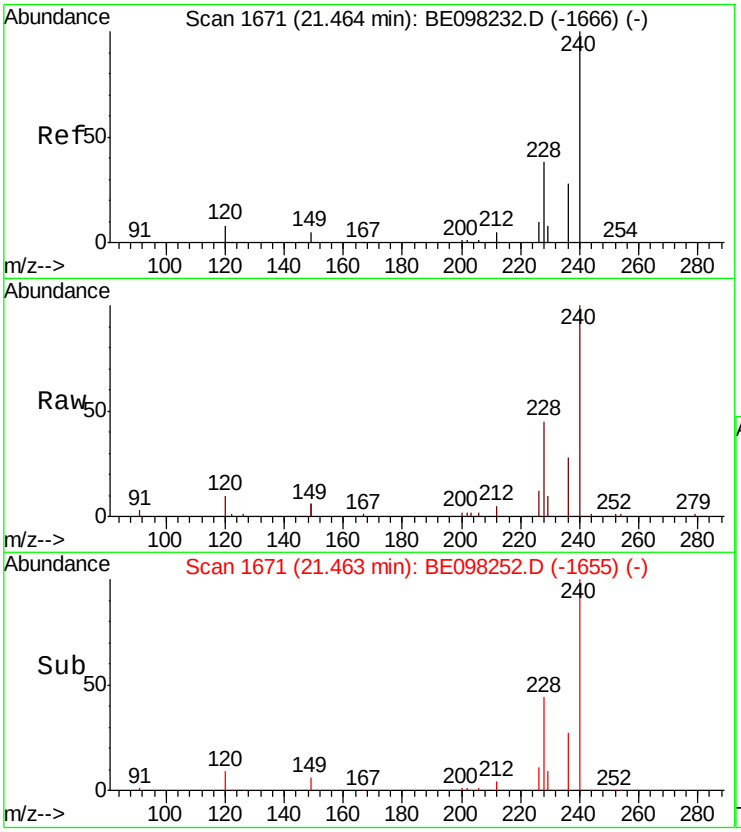


#26
Fluoranthene
Concen: 0.392 ng
RT: 19.34 min Scan# 1439
Delta R.T. -0.00 min
Lab File: BE098252.D
Acq: 19 Nov 2018 17:52

Tgt Ion:202 Resp: 11820

Ion	Ratio	Lower	Upper
202	100		
101	9.8	7.0	10.6
203	17.1	13.7	20.5



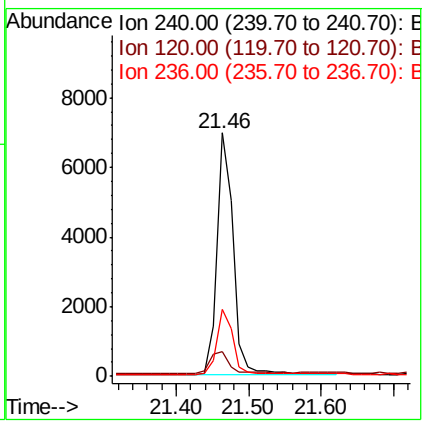


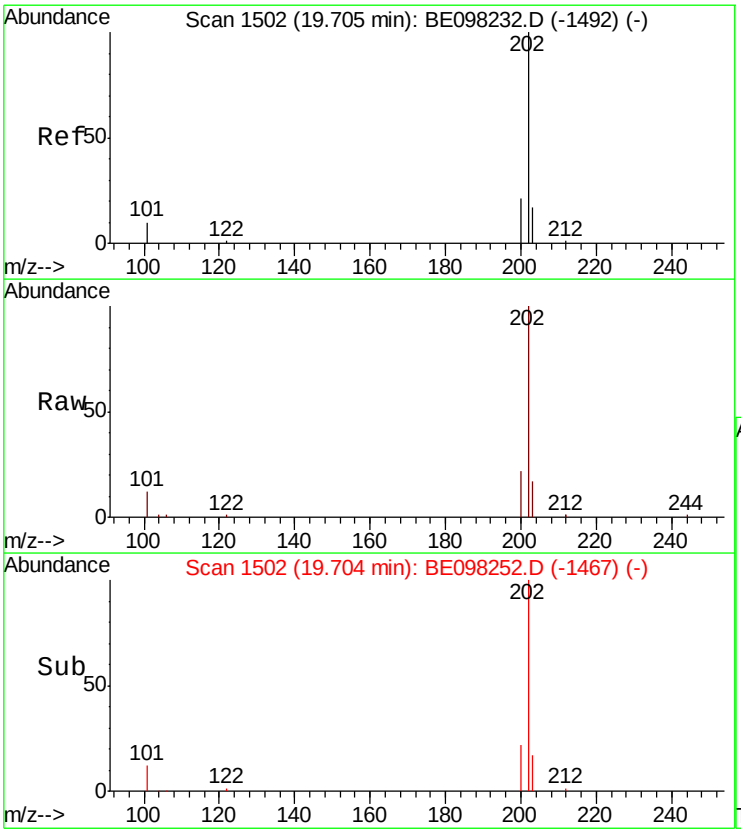
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.46 min Scan# 1671
Delta R.T. -0.00 min
Lab File: BE098252.D
Acq: 19 Nov 2018 17:52

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:240 Resp: 10839

Ion	Ratio	Lower	Upper
240	100		
120	10.3	4.8	7.2#
236	27.6	21.4	32.0

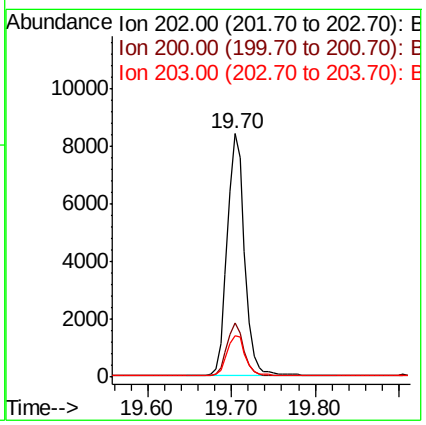


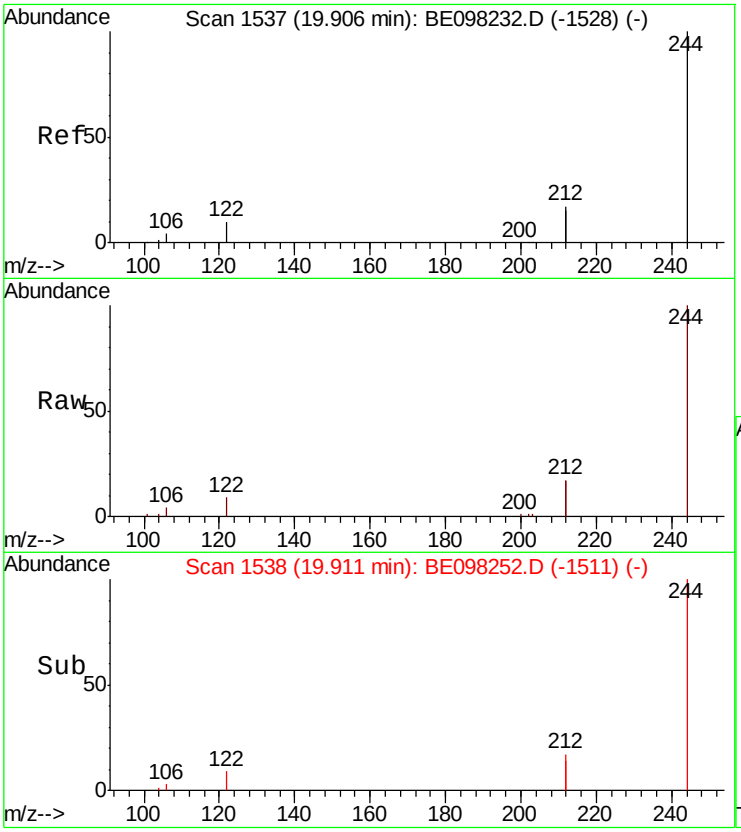


#28
Pyrene
Concen: 0.382 ng
RT: 19.70 min Scan# 1502
Delta R.T. -0.00 min
Lab File: BE098252.D
Acq: 19 Nov 2018 17:52

Tgt Ion:202 Resp: 12104

Ion	Ratio	Lower	Upper
202	100		
200	21.3	17.2	25.8
203	17.2	14.2	21.4



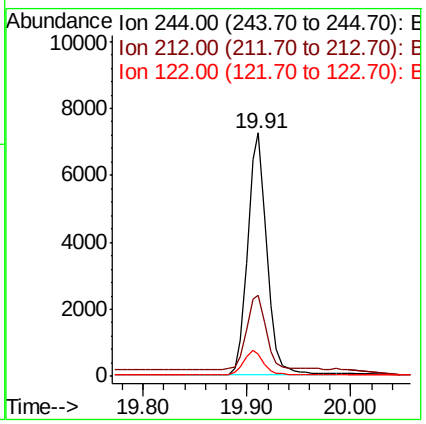


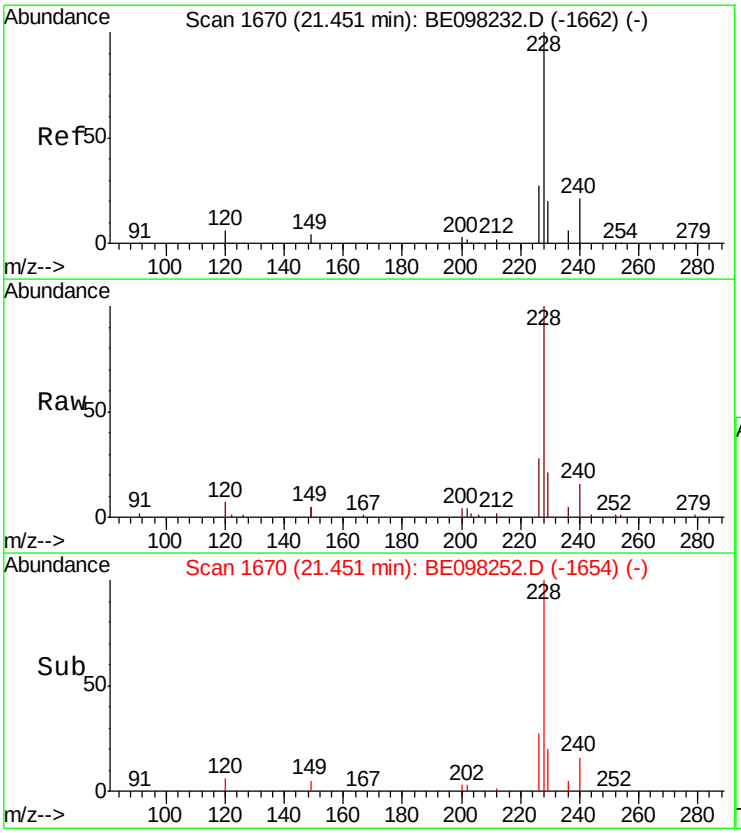
#29
Terphenyl-d14
Concen: 0.372 ng
RT: 19.91 min Scan# 1538
Delta R.T. 0.01 min
Lab File: BE098252.D
Acq: 19 Nov 2018 17:52

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:244 Resp: 9258

Ion	Ratio	Lower	Upper
244	100		
212	33.3	26.8	40.2
122	9.3	7.0	10.6

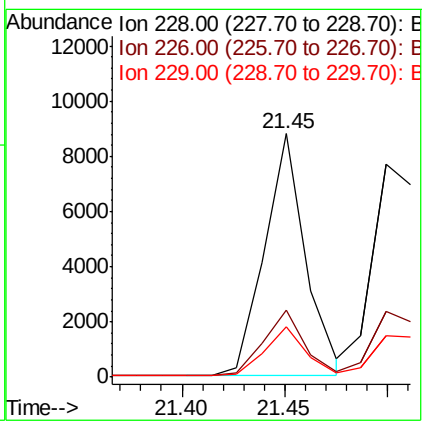


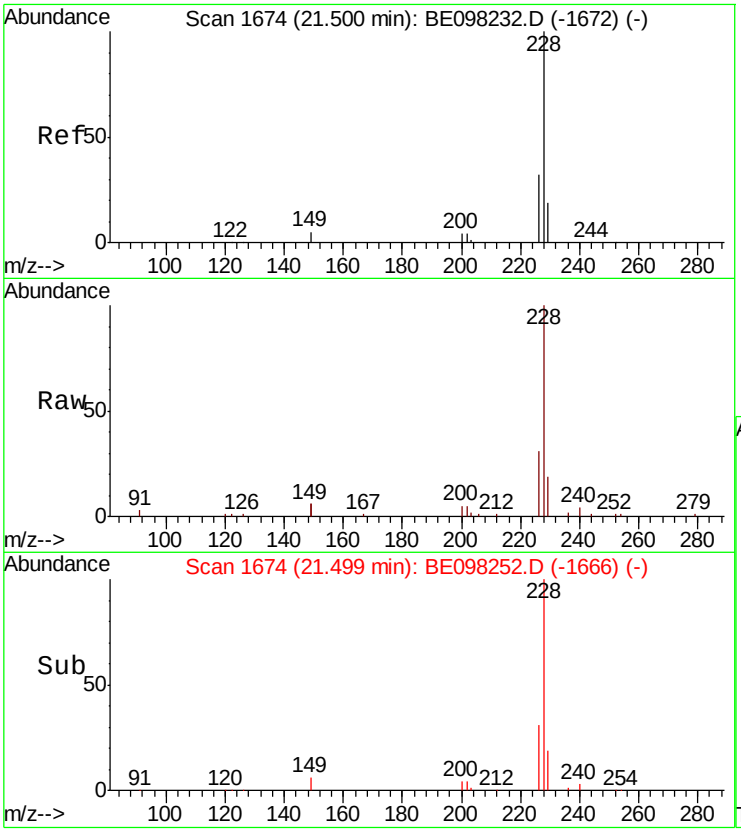


#30
Benzo(a)anthracene
Concen: 0.389 ng
RT: 21.45 min Scan# 1670
Delta R.T. -0.00 min
Lab File: BE098252.D
Acq: 19 Nov 2018 17:52

Tgt Ion:228 Resp: 12203

Ion	Ratio	Lower	Upper
228	100		
226	27.5	20.7	31.1
229	20.6	16.2	24.4



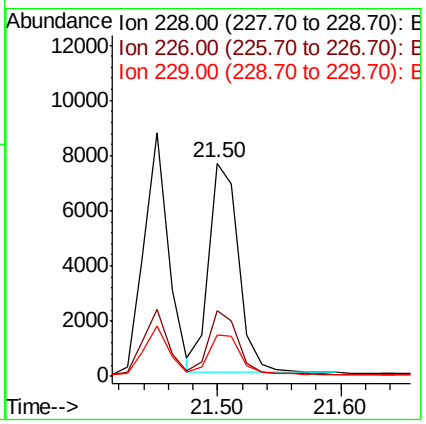


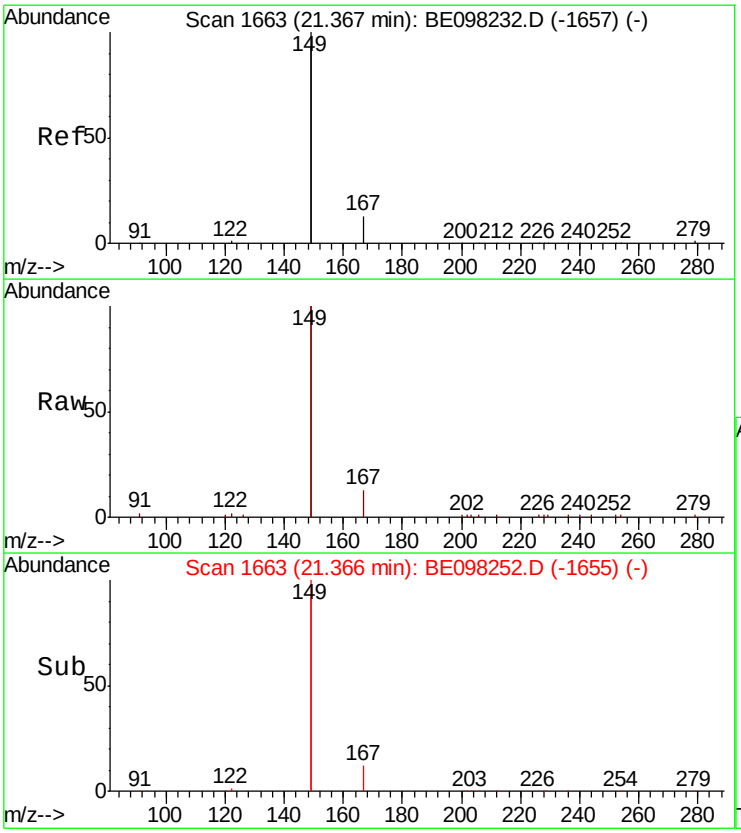
#31
Chrysene
Concen: 0.398 ng
RT: 21.50 min Scan# 1674
Delta R.T. -0.00 min
Lab File: BE098252.D
Acq: 19 Nov 2018 17:52

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:228 Resp: 12834

Ion	Ratio	Lower	Upper
228	100		
226	31.0	24.6	36.8
229	19.2	16.0	24.0

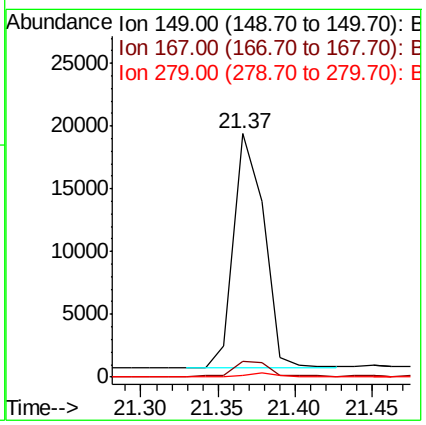


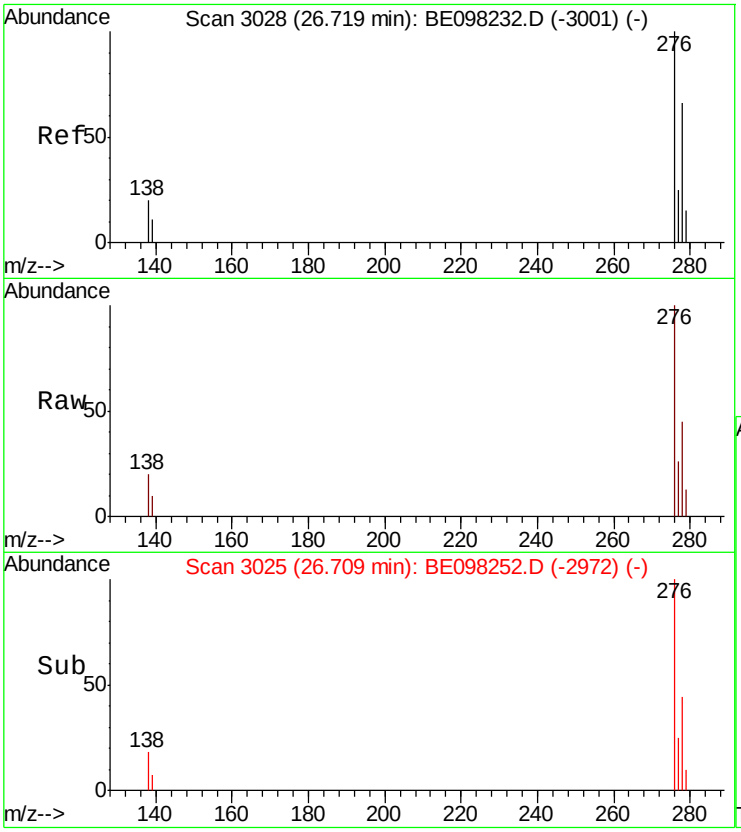


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.518 ng
RT: 21.37 min Scan# 1663
Delta R.T. -0.00 min
Lab File: BE098252.D
Acq: 19 Nov 2018 17:52

Tgt Ion:149 Resp: 25305

Ion	Ratio	Lower	Upper
149	100		
167	7.2	5.6	8.4
279	1.1	0.9	1.3



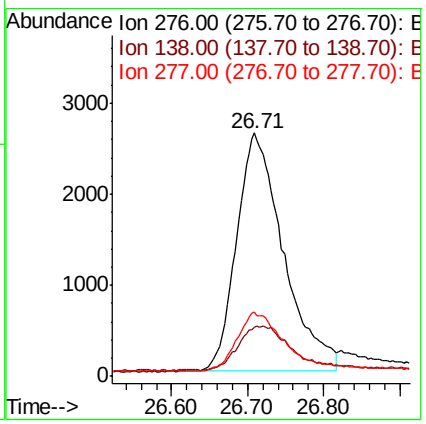


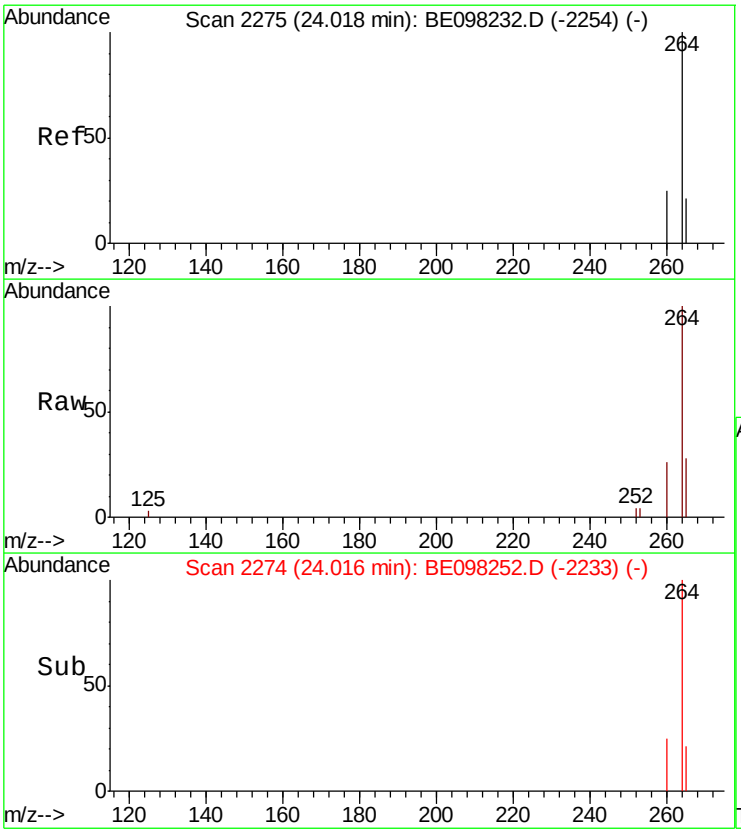
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.407 ng
RT: 26.71 min Scan# 3025
Delta R.T. -0.01 min
Lab File: BE098252.D
Acq: 19 Nov 2018 17:52

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 11230

Ion	Ratio	Lower	Upper
276	100		
138	20.7	6.4	9.6#
277	25.9	18.9	28.3

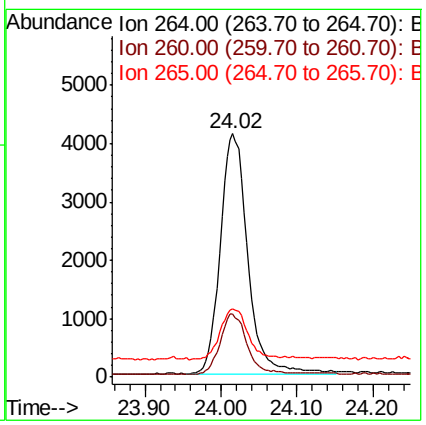


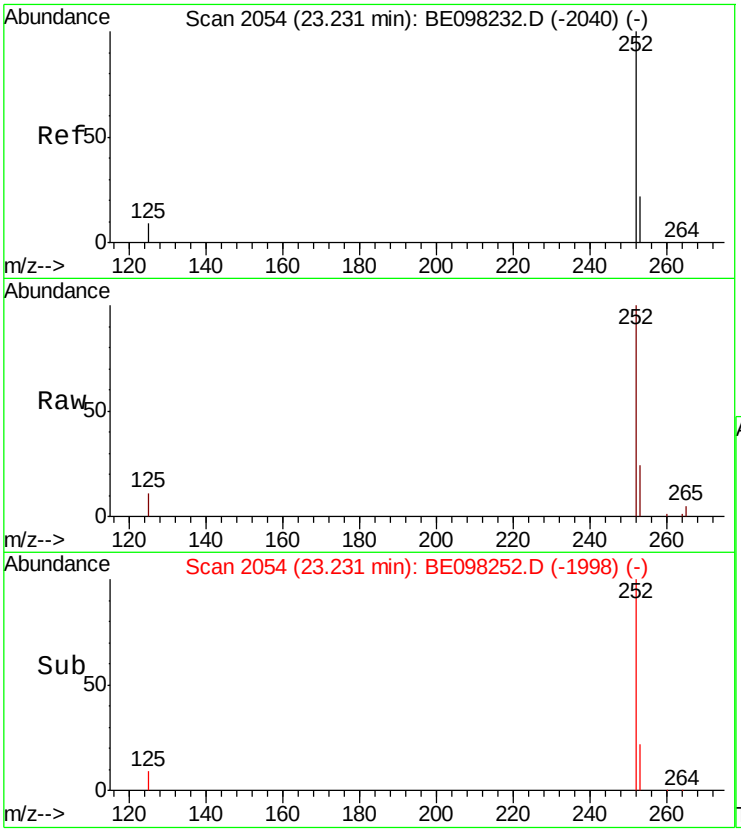


#34
Perylene-d12
Concen: 0.400 ng
RT: 24.02 min Scan# 2274
Delta R.T. -0.00 min
Lab File: BE098252.D
Acq: 19 Nov 2018 17:52

Tgt Ion:264 Resp: 10275

Ion	Ratio	Lower	Upper
264	100		
260	25.8	19.9	29.9
265	27.9	21.3	31.9



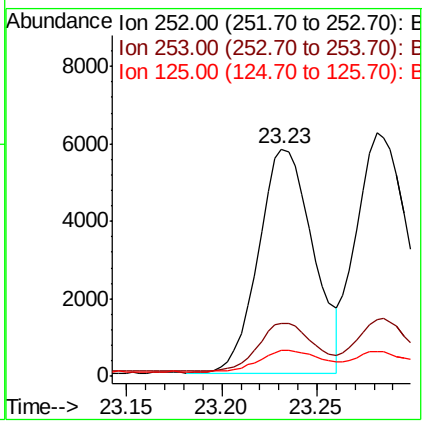


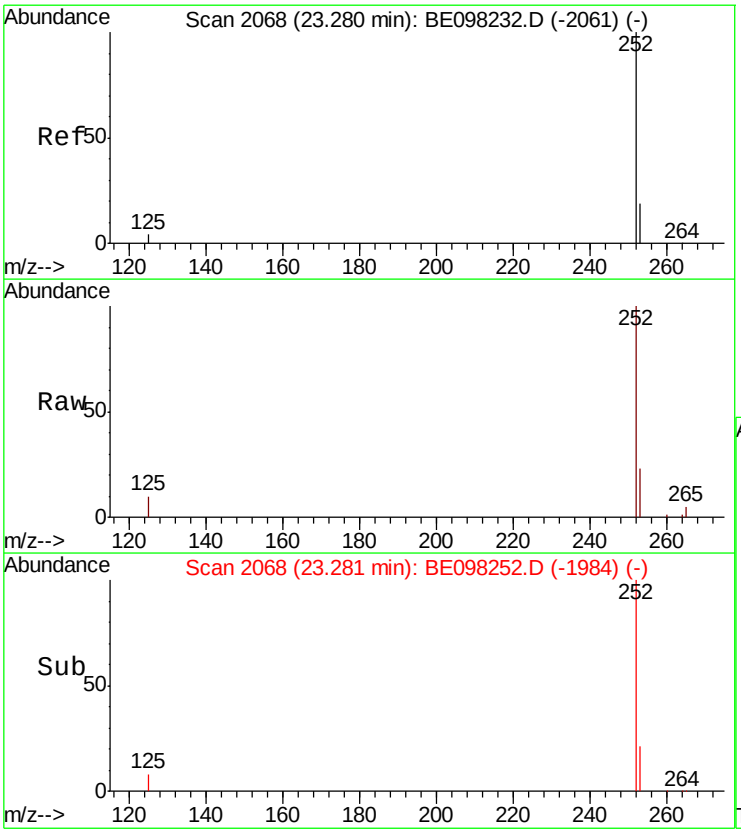
#35
Benzo(b)fluoranthene
Concen: 0.397 ng
RT: 23.23 min Scan# 2054
Delta R.T. 0.00 min
Lab File: BE098252.D
Acq: 19 Nov 2018 17:52

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 11527

Ion	Ratio	Lower	Upper
252	100		
253	23.5	19.4	29.0
125	11.3	8.6	12.8

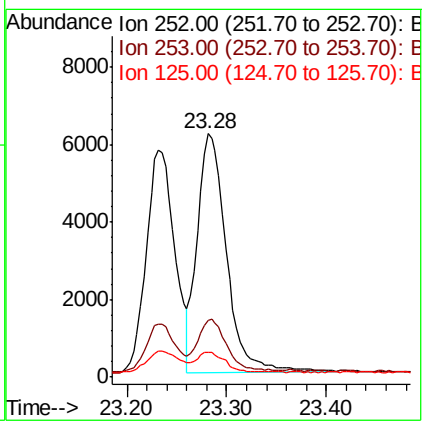


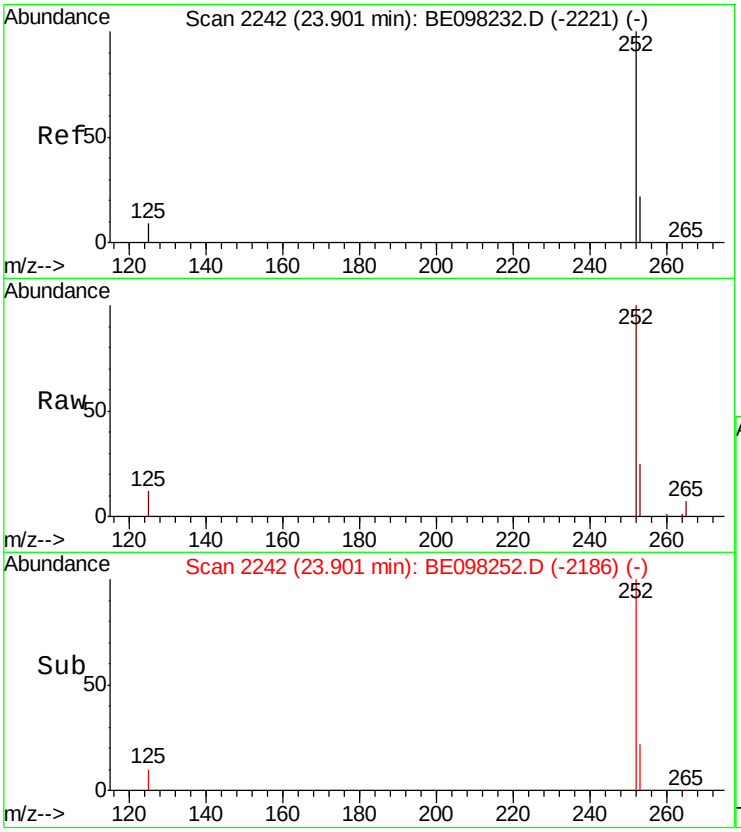


#36
Benzo(k)fluoranthene
Concen: 0.382 ng
RT: 23.28 min Scan# 2068
Delta R.T. 0.00 min
Lab File: BE098252.D
Acq: 19 Nov 2018 17:52

Tgt Ion:252 Resp: 12525

Ion	Ratio	Lower	Upper
252	100		
253	23.2	18.6	28.0
125	10.1	7.4	11.0



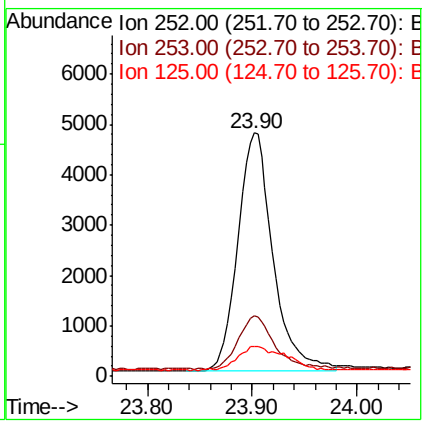


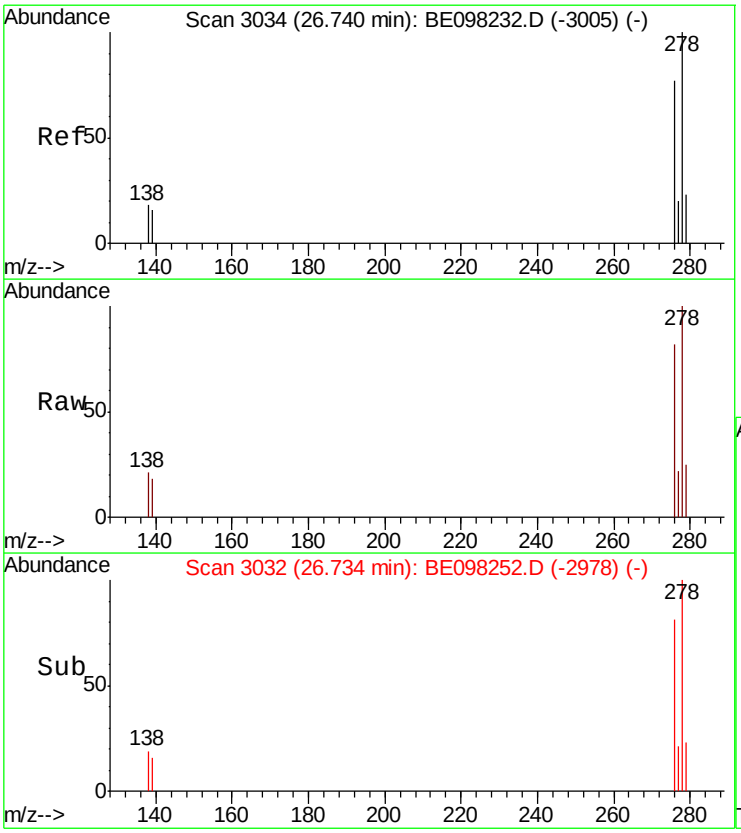
#37
Benzo(a)pyrene
Concen: 0.389 ng
RT: 23.90 min Scan# 2242
Delta R.T. 0.00 min
Lab File: BE098252.D
Acq: 19 Nov 2018 17:52

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 11083

Ion	Ratio	Lower	Upper
252	100		
253	24.9	18.6	27.8
125	12.2	8.0	12.0#

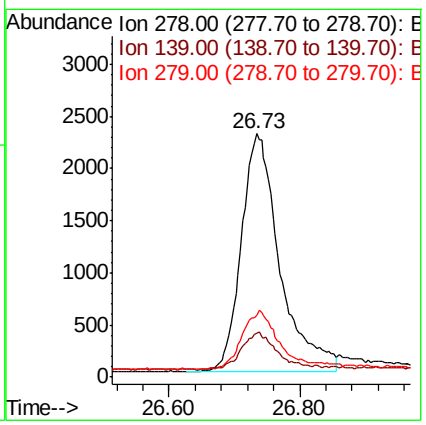


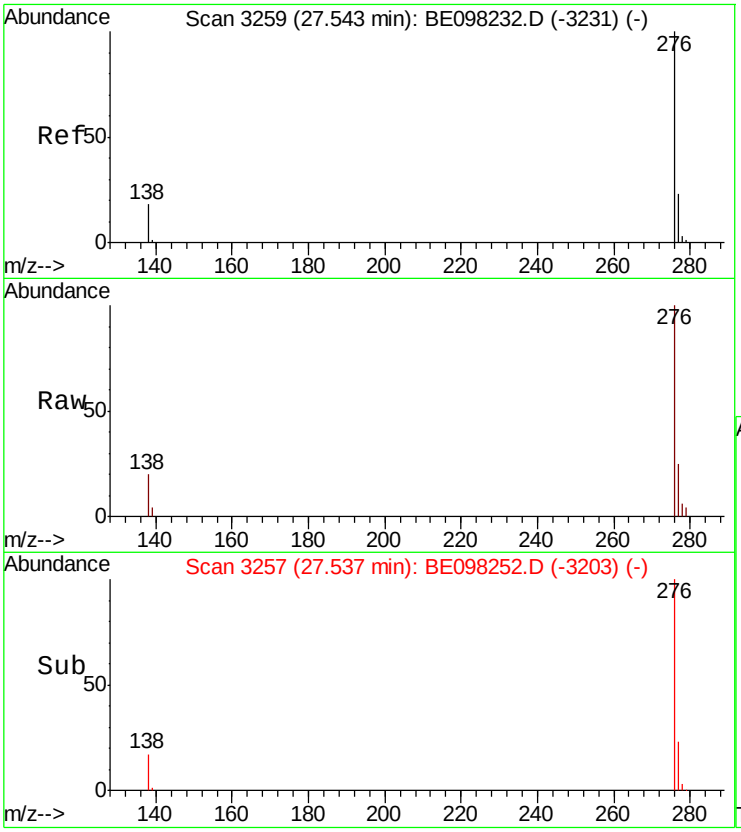


#38
Dibenzo(a,h)anthracene
Concen: 0.410 ng
RT: 26.73 min Scan# 3032
Delta R.T. -0.01 min
Lab File: BE098252.D
Acq: 19 Nov 2018 17:52

Tgt Ion:278 Resp: 9373

Ion	Ratio	Lower	Upper
278	100		
139	18.1	16.4	24.6
279	25.5	21.3	31.9





#39
Benzo(g,h,i)perylene
Concen: 0.414 ng
RT: 27.54 min Scan# 3257
Delta R.T. -0.01 min
Lab File: BE098252.D
Acq: 19 Nov 2018 17:52

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 10173

Ion	Ratio	Lower	Upper
276	100		
277	25.5	20.4	30.6
138	19.9	13.2	19.8#