Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE112118\
Data File : BE098254.D
Acq On : 21 Nov 2018 9:38
Operator : SJ/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId :

Quant Time: Nov 21 10:48:38 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	1461	0.40	ng		0.00
7) Naphthalene-d8	10.67	136	7045	0.40	ng		0.00
13) Acenaphthene-d10	14.53	164	4569	0.40	ng		0.00
19) Phenanthrene-d10	17.28	188	10557	0.40	ng		0.00
27) Chrysene-d12	21.46	240	11386	0.40	ng		0.00
34) Perylene-d12	24.01	264	10779	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.46	112	1522	0.39	ng		0.00
5) Phenol-d6	7.05	99	2564	0.42	ng		0.01
8) Nitrobenzene-d5	9.02	82	2763	0.42	ng		0.00
11) 2-Methylnaphthalene-d10	12.27	152	4738	0.38	ng		0.00
14) 2,4,6-Tribromophenol	16.03	330	534	0.36	ng		0.00
15) 2-Fluorobiphenyl	13.15	172	7447	0.37	ng		0.00
25) Fluoranthene-d10	19.31	212	49511	0.39	ng		0.00
29) Terphenyl-d14	19.91	244	9908	0.38	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.37	88	939	0.409	ng		85
3) n-Nitrosodimethylamine	3.70	42	1035	0.402	ng	#	90
6) bis(2-Chloroethyl)ether	7.29	93	2015	0.382	ng		100
9) Naphthalene	10.72	128	28689	0.400	ng		100
10) Hexachlorobutadiene	11.00	225	1565	0.372	ng		97
12) 2-Methylnaphthalene	12.34	142	4935	0.391	ng		97
16) Acenaphthylene	14.25	152	8527	0.392	ng		99
17) Acenaphthene	14.60	154	5162	0.397	ng		98
18) Fluorene	15.58	166	6596	0.398	ng		96
20) 4-Bromophenyl-phenylether	16.46	248	2511	0.384	ng		92
21) Hexachlorobenzene	16.58	284	2556	0.379	ng		98
22) Pentachlorophenol	16.94	266	429	0.426	ng		96
23) Phenanthrene	17.31	178	10623	0.391	ng		99
24) Anthracene	17.41	178	9590	0.389	ng		98
26) Fluoranthene	19.34	202	12612	0.387	ng		99
28) Pyrene	19.70	202	12858	0.386	ng		99
30) Benzo(a)anthracene	21.45	228	12468	0.379	ng		99
31) Chrysene	21.50	228	13517	0.399	ng		99
32) Bis(2-ethylhexyl)phthalate	21.37	149	19572	0.381	ng		100
33) Indeno(1,2,3-cd)pyrene	26.71	276	12346	0.426	ng	#	91
35) Benzo(b)fluoranthene	23.23	252	11741	0.386	ng		99
36) Benzo(k)fluoranthene	23.28	252	12917	0.376	ng		98
37) Benzo(a)pyrene	23.90	252	11646	0.390	ng		97
38) Dibenzo(a,h)anthracene	26.73	278	9623	0.402	ng		98
39) Benzo(g,h,i)perylene	27.54	276	10340	0.401	ng		97

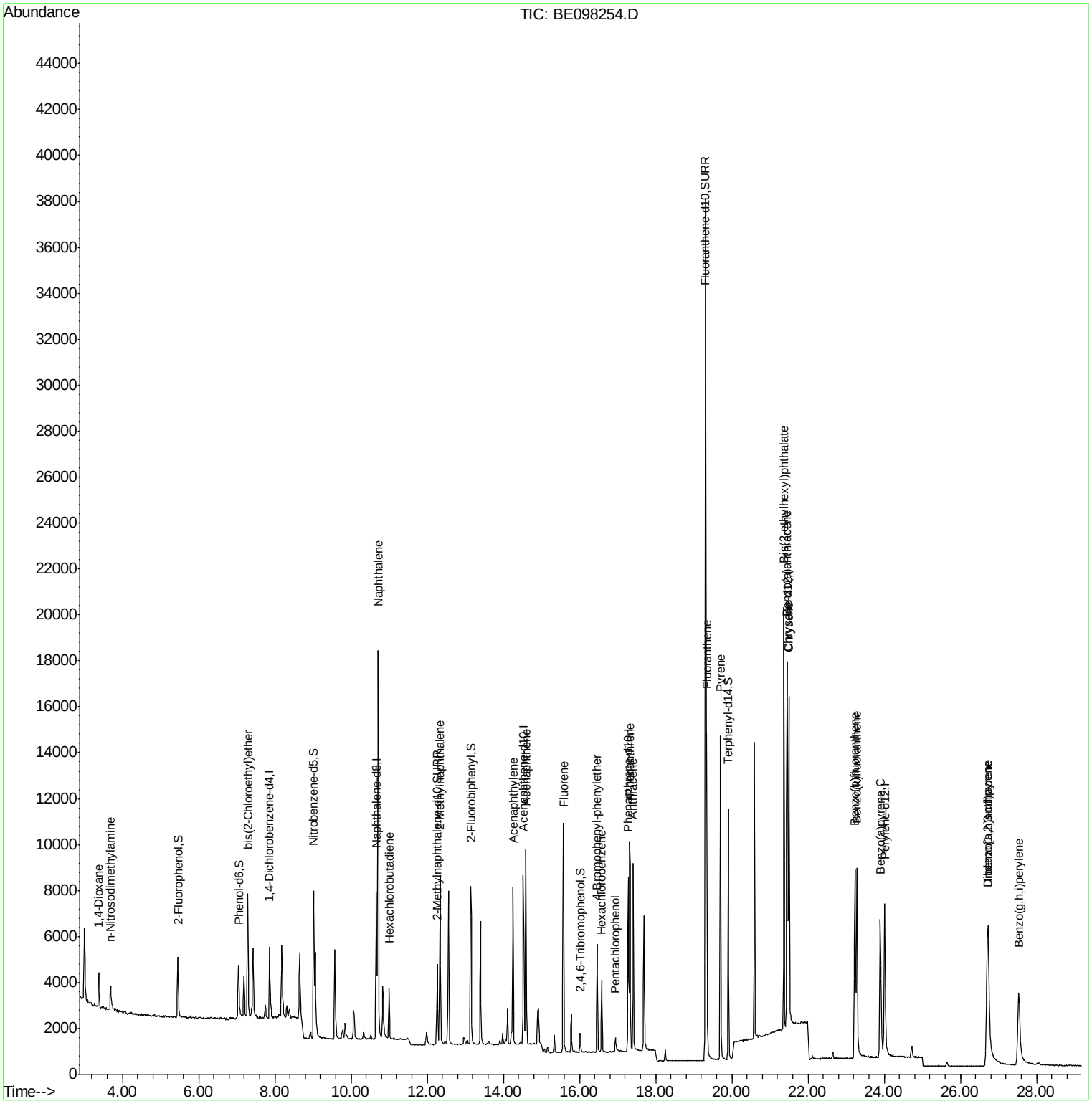
(#) = qualifier out of range (m) = manual integration (+) = signals summed

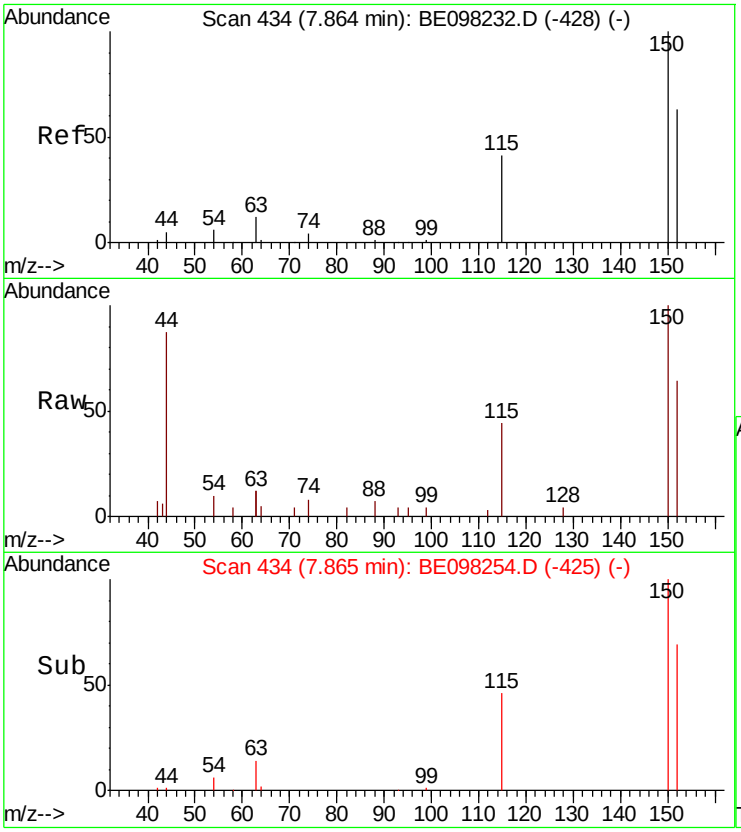
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE112118\
Data File : BE098254.D
Acq On : 21 Nov 2018 9:38
Operator : SJ/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :

Quant Time: Nov 21 10:48:38 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



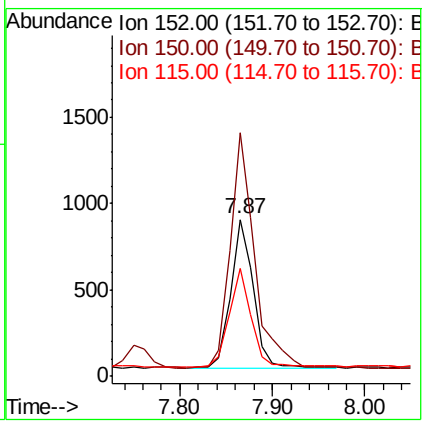


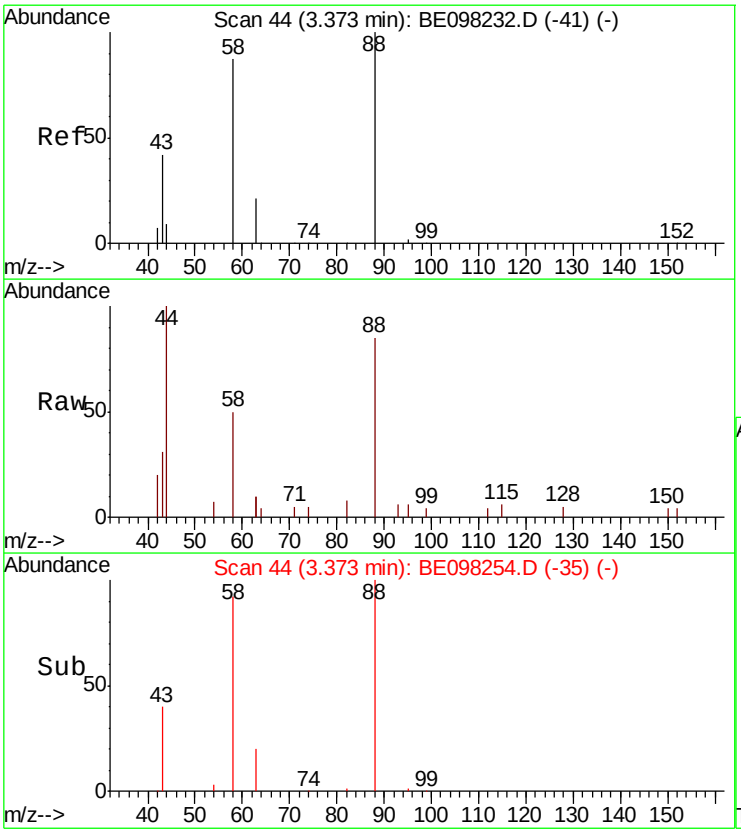
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.87 min Scan# 434
Delta R.T. 0.00 min
Lab File: BE098254.D
Acq: 21 Nov 2018 9:38

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 1461

Ion	Ratio	Lower	Upper
152	100		
150	155.3	127.5	191.3
115	68.9	60.3	90.5

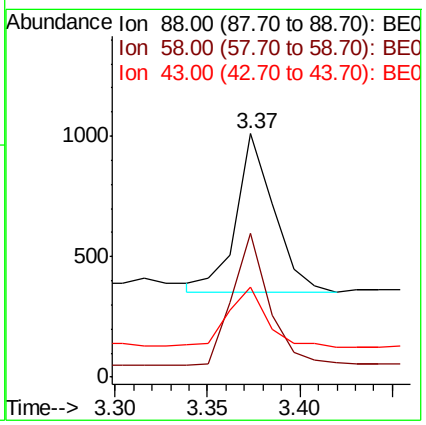


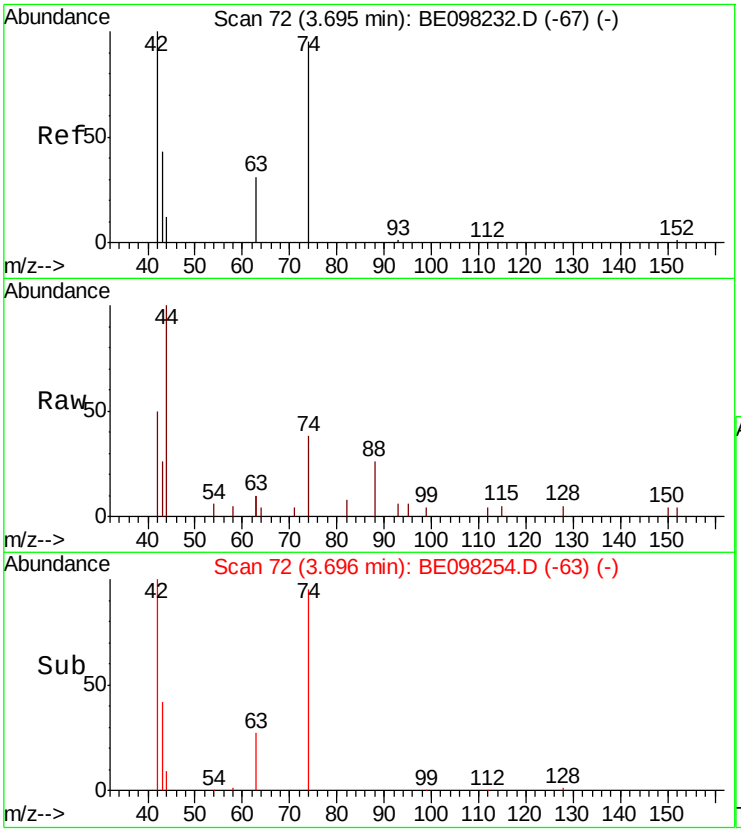


#2
1,4-Dioxane
Concen: 0.409 ng
RT: 3.37 min Scan# 44
Delta R.T. 0.00 min
Lab File: BE098254.D
Acq: 21 Nov 2018 9:38

Tgt Ion: 88 Resp: 939

Ion	Ratio	Lower	Upper
88	100		
58	82.4	79.0	118.4
43	39.0	38.1	57.1



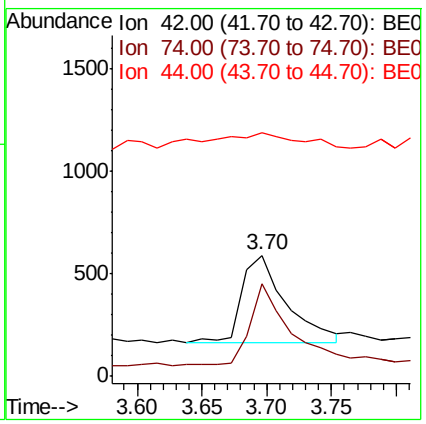


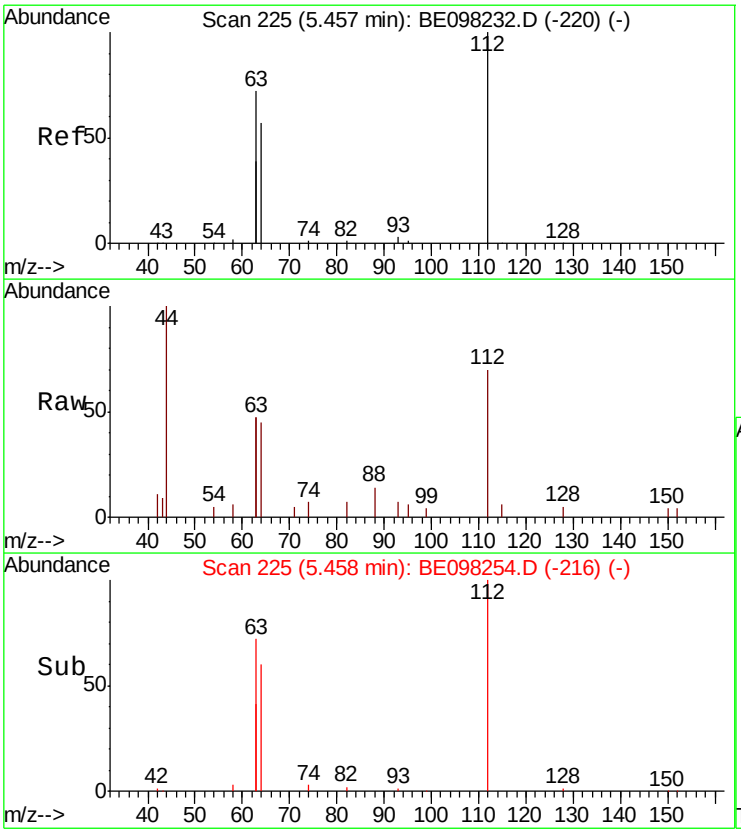
#3
n-Nitrosodimethylamine
Concen: 0.402 ng
RT: 3.70 min Scan# 72
Delta R.T. 0.00 min
Lab File: BE098254.D
Acq: 21 Nov 2018 9:38

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 42 Resp: 1035

Ion	Ratio	Lower	Upper
42	100		
74	81.1	61.7	92.5
44	32.3	14.0	21.0#

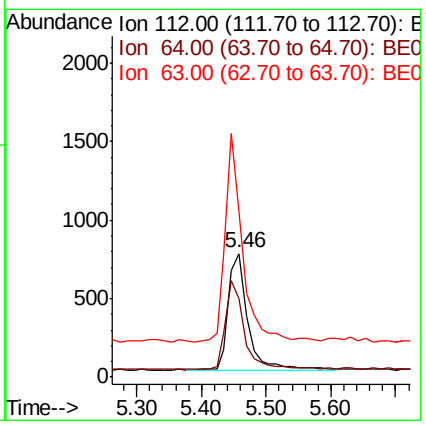


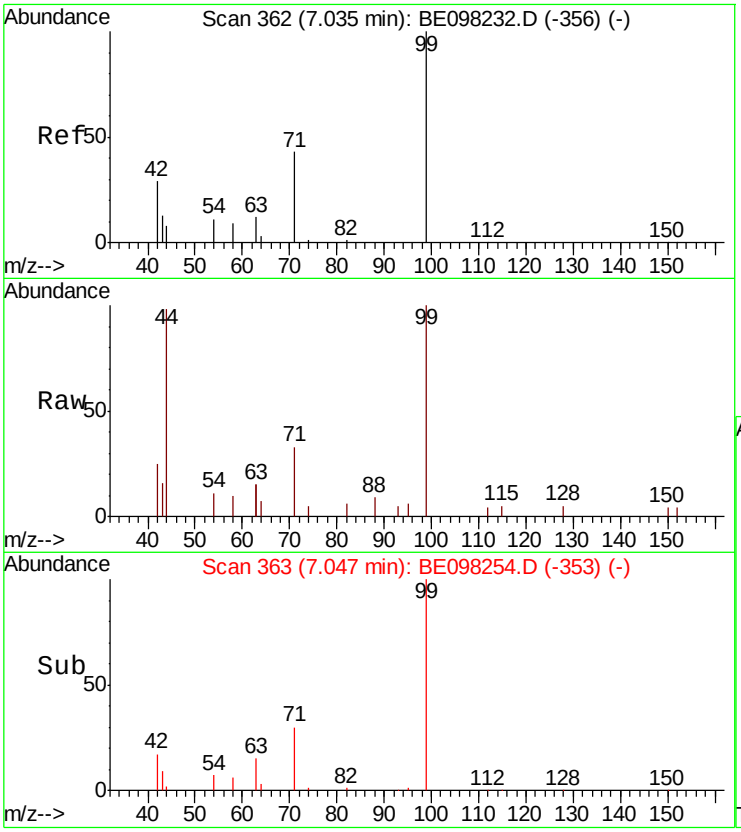


#4
2-Fluorophenol
Concen: 0.388 ng
RT: 5.46 min Scan# 225
Delta R.T. 0.00 min
Lab File: BE098254.D
Acq: 21 Nov 2018 9:38

Tgt Ion:112 Resp: 1522

Ion	Ratio	Lower	Upper
112	100		
64	74.6	61.7	92.5
63	165.5	136.2	204.2



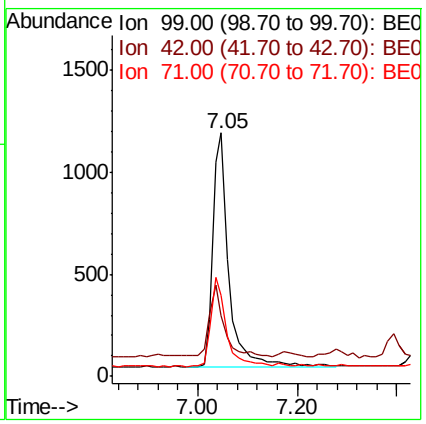


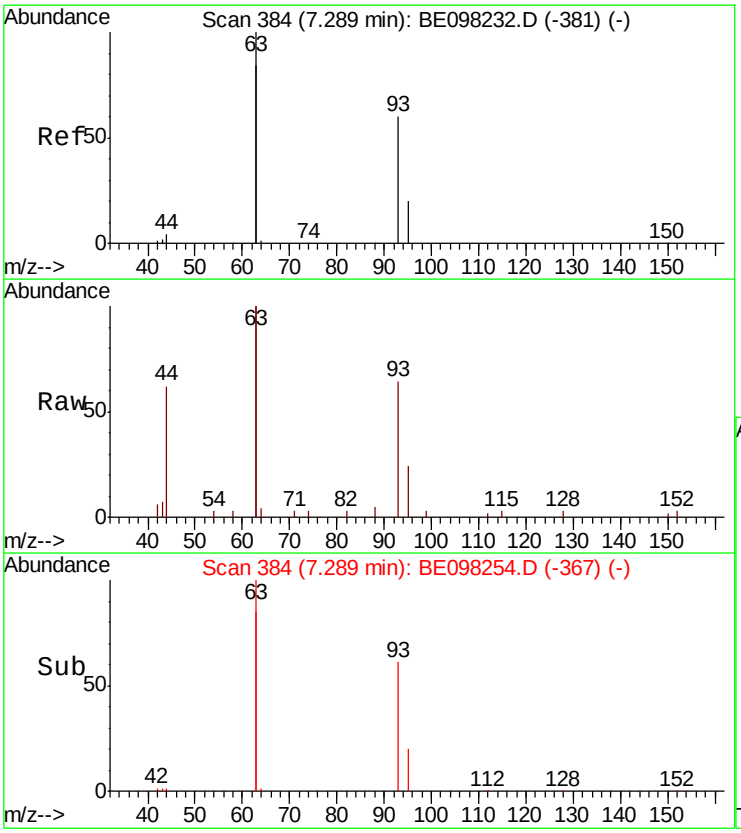
#5
Phenol-d6
Concen: 0.417 ng
RT: 7.05 min Scan# 363
Delta R.T. 0.01 min
Lab File: BE098254.D
Acq: 21 Nov 2018 9:38

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 99 Resp: 2564

Ion	Ratio	Lower	Upper
99	100		
42	27.4	27.1	40.7
71	36.8	37.0	55.6#

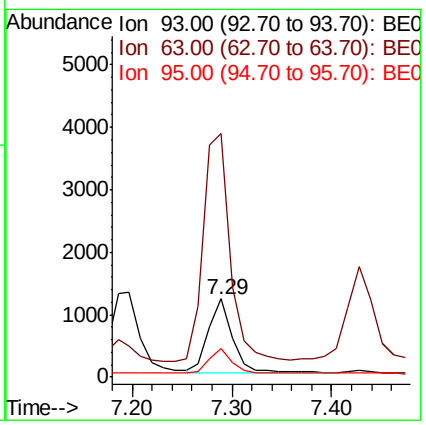


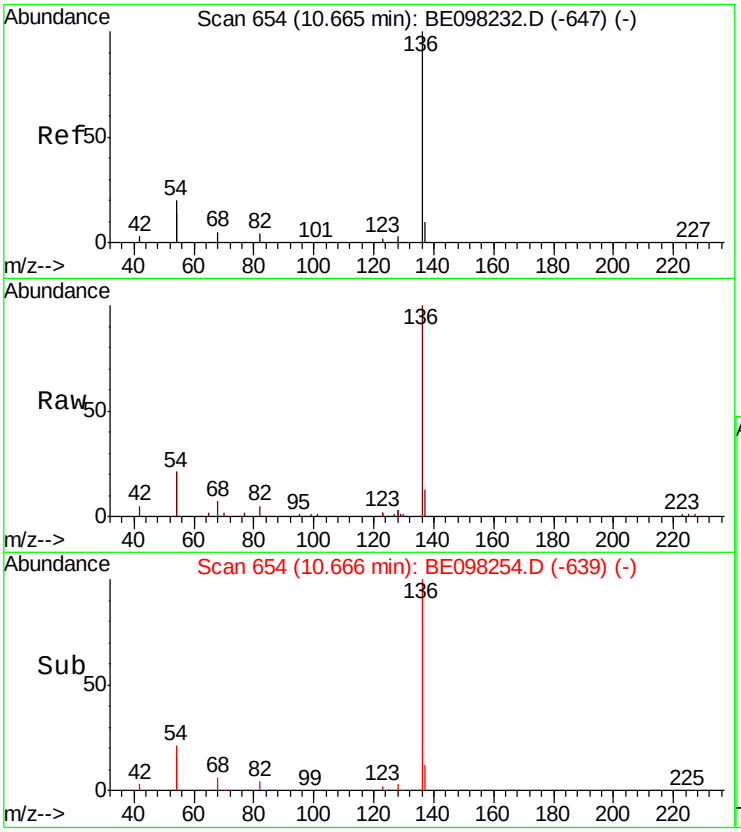


#6
bis(2-Chloroethyl)ether
Concen: 0.382 ng
RT: 7.29 min Scan# 384
Delta R.T. 0.00 min
Lab File: BE098254.D
Acq: 21 Nov 2018 9:38

Tgt Ion: 93 Resp: 2015

Ion	Ratio	Lower	Upper
93	100		
63	340.4	272.6	409.0
95	32.7	27.1	40.7



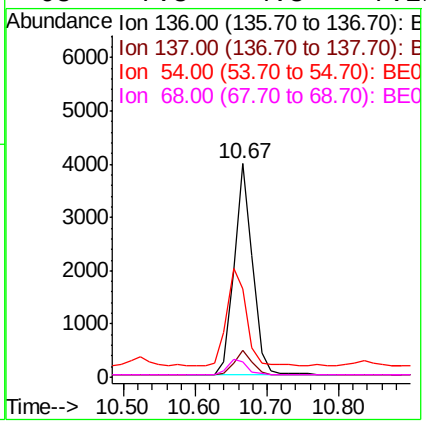


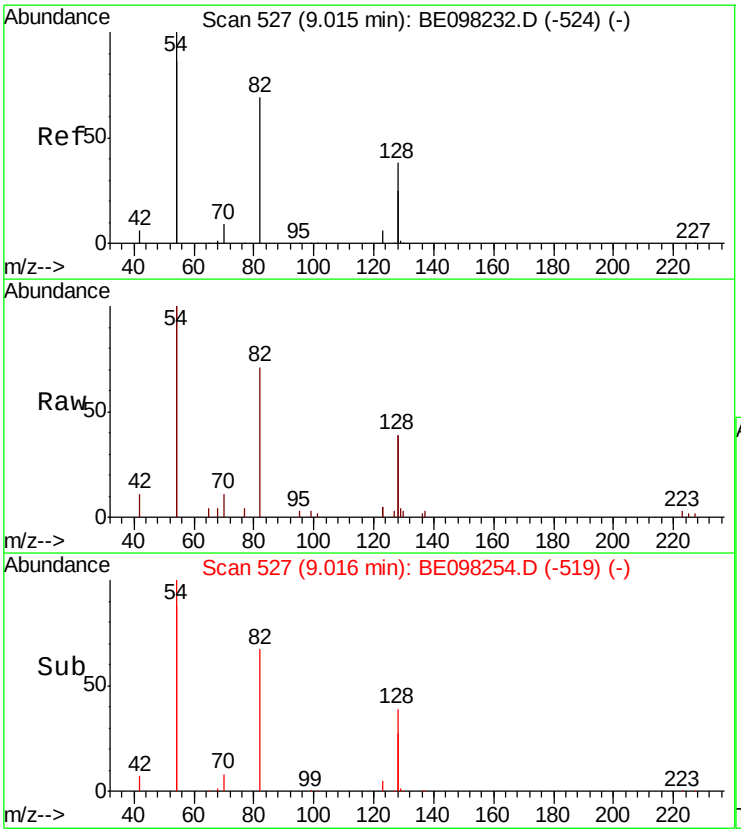
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.67 min Scan# 654
Delta R.T. 0.00 min
Lab File: BE098254.D
Acq: 21 Nov 2018 9:38

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:136 Resp: 7045

Ion	Ratio	Lower	Upper
136	100		
137	12.5	9.5	14.3
54	41.1	31.3	46.9
68	7.3	4.8	7.2#

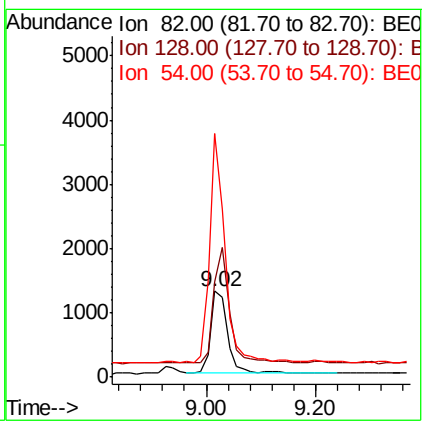


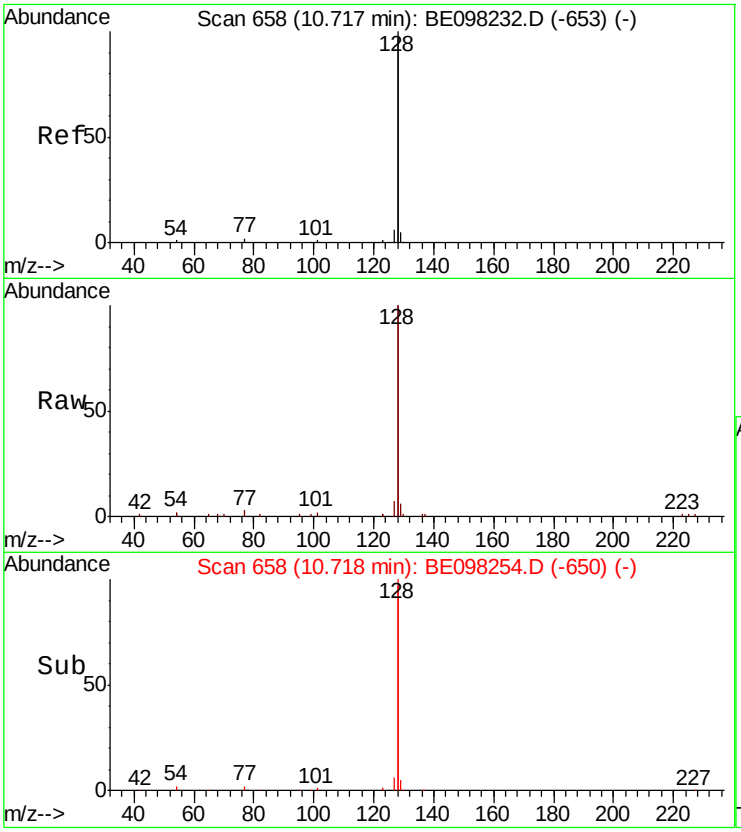


#8
Nitrobenzene-d5
Concen: 0.416 ng
RT: 9.02 min Scan# 527
Delta R.T. 0.00 min
Lab File: BE098254.D
Acq: 21 Nov 2018 9:38

Tgt Ion: 82 Resp: 2763

Ion	Ratio	Lower	Upper
82	100		
128	110.4	96.1	144.1
54	282.8	232.0	348.0



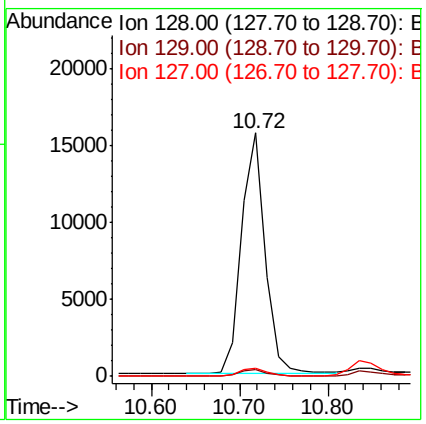


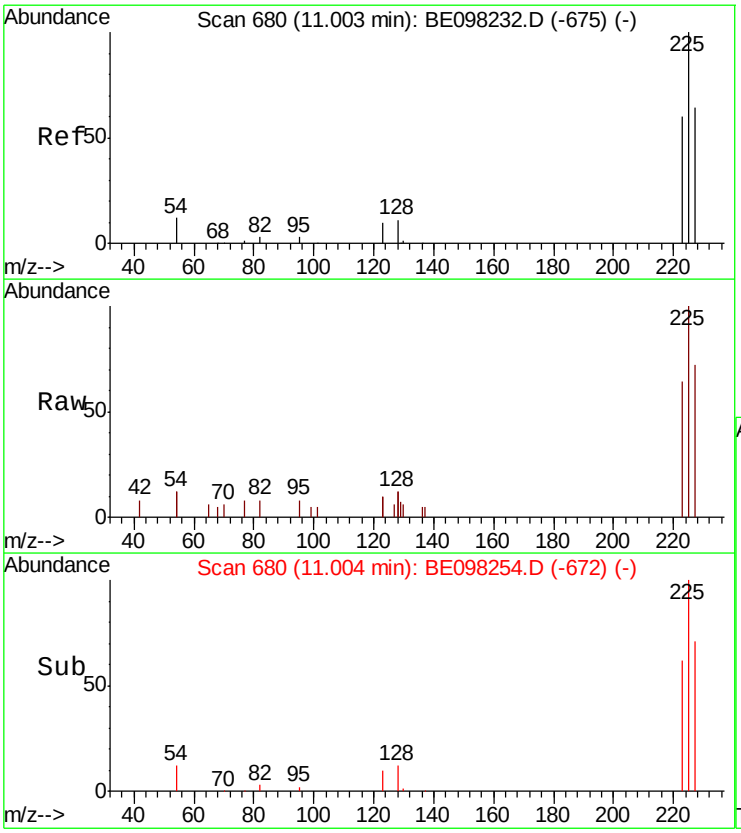
#9
Naphthalene
Concen: 0.400 ng
RT: 10.72 min Scan# 658
Delta R.T. 0.00 min
Lab File: BE098254.D
Acq: 21 Nov 2018 9:38

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:128 Resp: 28689

Ion	Ratio	Lower	Upper
128	100		
129	3.0	2.6	4.0
127	3.4	2.8	4.2

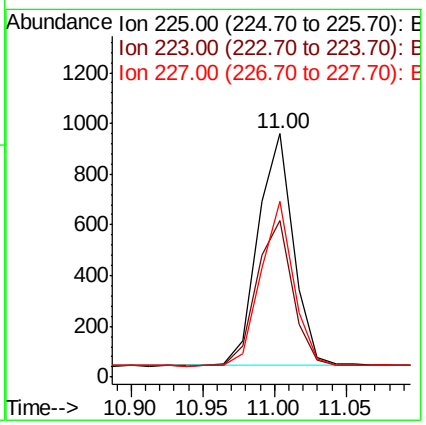


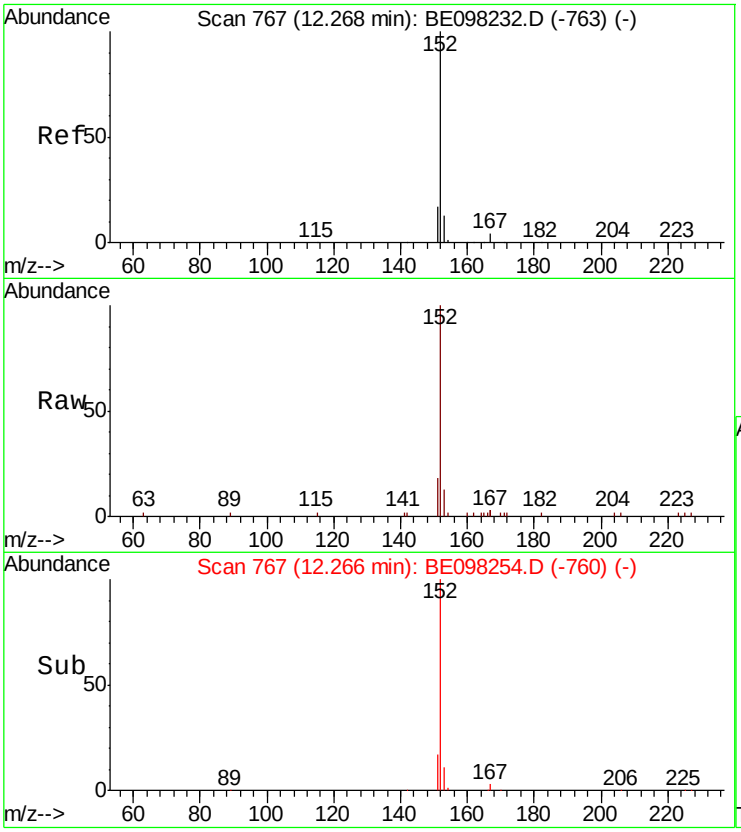


#10
Hexachlorobutadiene
Concen: 0.372 ng
RT: 11.00 min Scan# 680
Delta R.T. 0.00 min
Lab File: BE098254.D
Acq: 21 Nov 2018 9:38

Tgt Ion:225 Resp: 1565

Ion	Ratio	Lower	Upper
225	100		
223	63.8	50.5	75.7
227	66.3	50.3	75.5



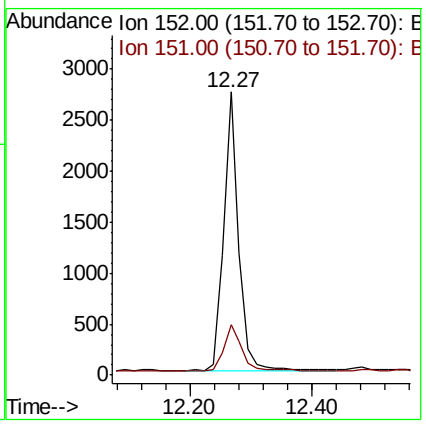


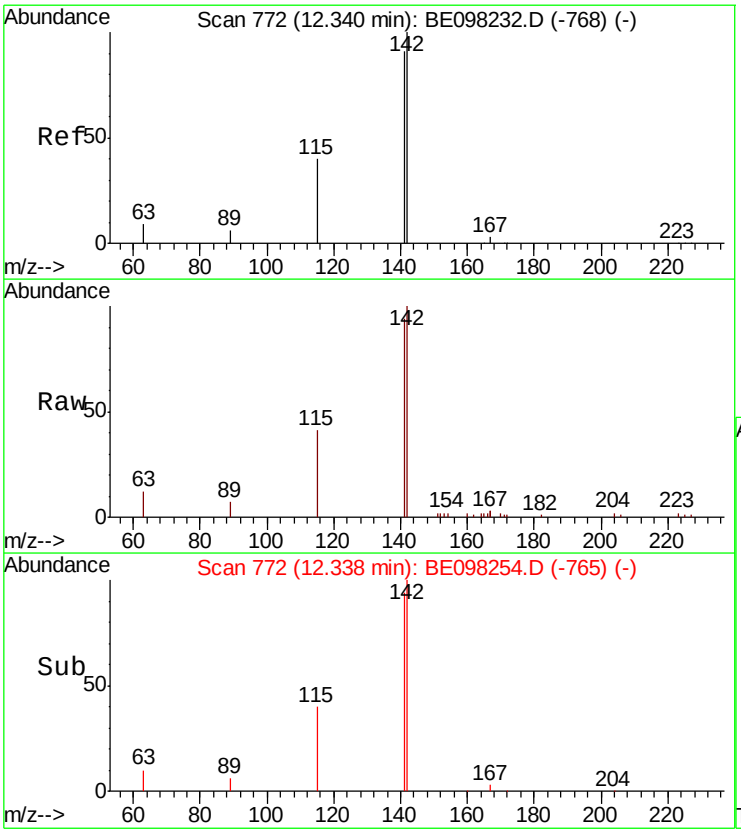
#11
2-Methylnaphthalene-d10
Concen: 0.383 ng
RT: 12.27 min Scan# 767
Delta R.T. -0.00 min
Lab File: BE098254.D
Acq: 21 Nov 2018 9:38

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 4738

Ion	Ratio	Lower	Upper
152	100		
151	19.0	15.4	23.2

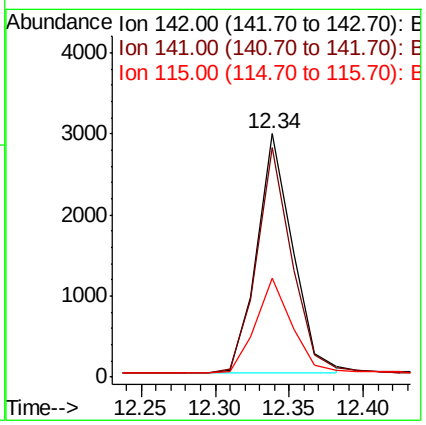


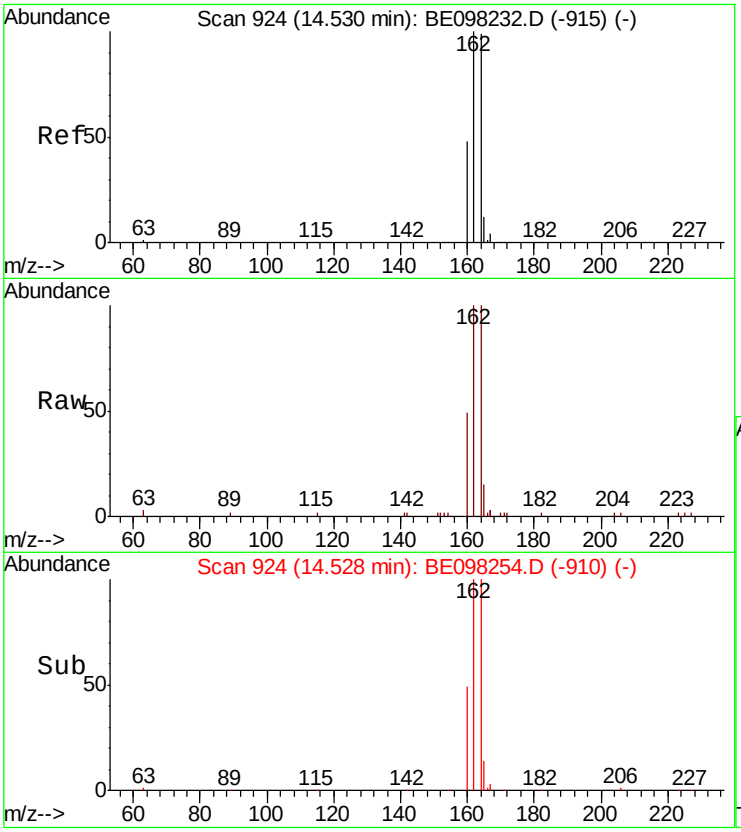


#12
2-Methylnaphthalene
Concen: 0.391 ng
RT: 12.34 min Scan# 772
Delta R.T. -0.00 min
Lab File: BE098254.D
Acq: 21 Nov 2018 9:38

Tgt Ion:142 Resp: 4935

Ion	Ratio	Lower	Upper
142	100		
141	94.1	76.3	114.5
115	40.8	35.8	53.8



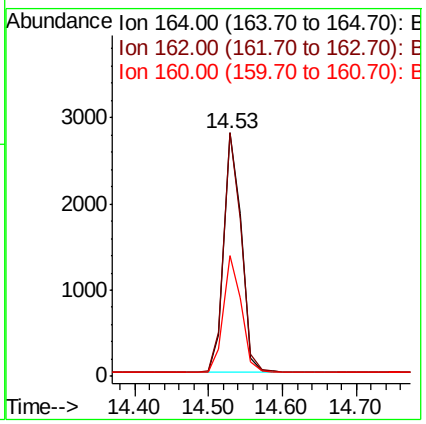


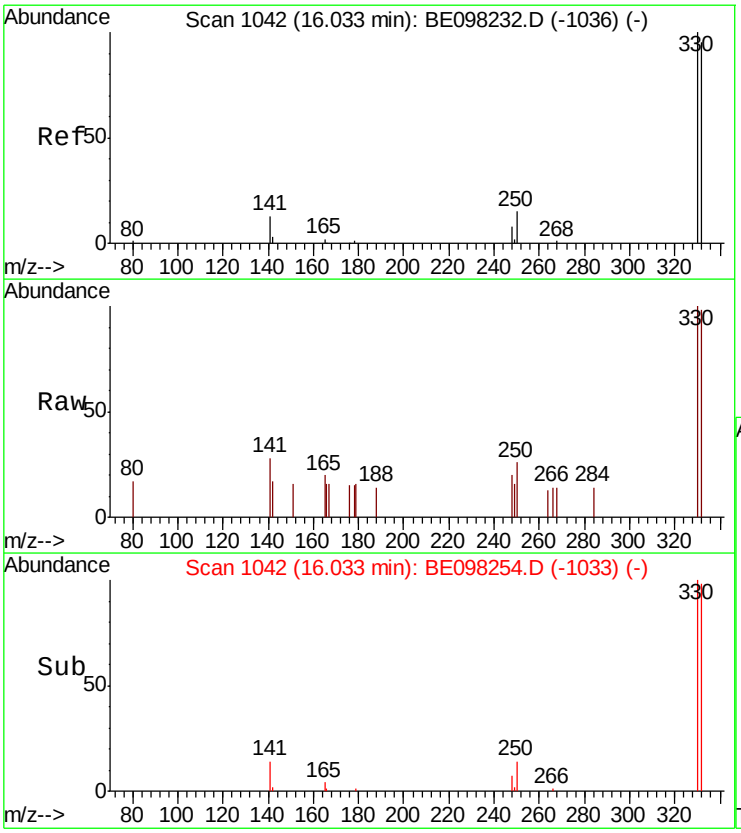
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.53 min Scan# 924
Delta R.T. -0.00 min
Lab File: BE098254.D
Acq: 21 Nov 2018 9:38

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:164 Resp: 4569

Ion	Ratio	Lower	Upper
164	100		
162	100.0	81.8	122.6
160	49.5	39.4	59.0

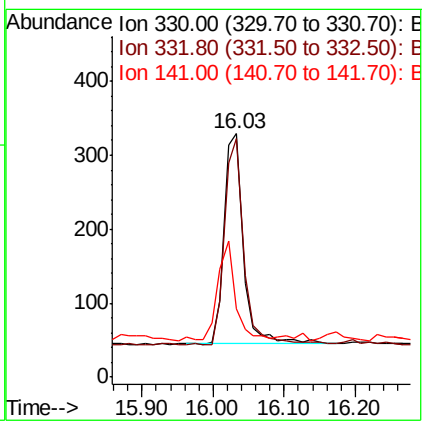


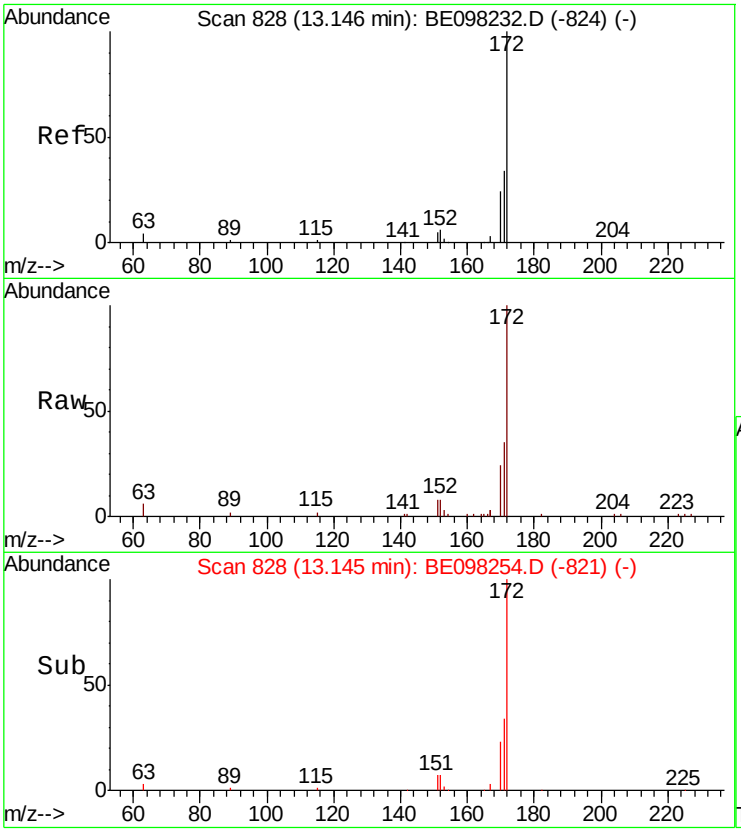


#14
2,4,6-Tribromophenol
Concen: 0.363 ng
RT: 16.03 min Scan# 1042
Delta R.T. 0.00 min
Lab File: BE098254.D
Acq: 21 Nov 2018 9:38

Tgt Ion:330 Resp: 534

Ion	Ratio	Lower	Upper
330	100		
332	98.3	77.7	116.5
141	44.6	33.6	50.4



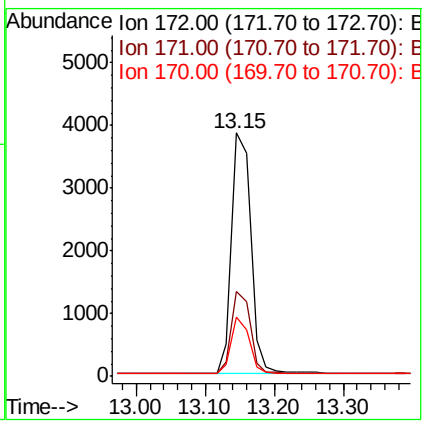


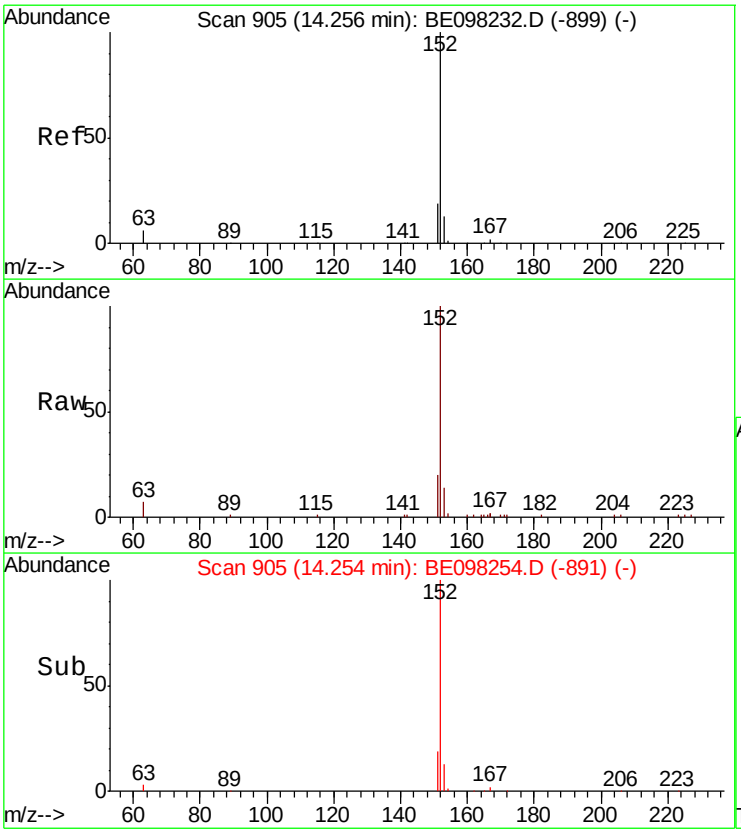
#15
2-Fluorobiphenyl
Concen: 0.375 ng
RT: 13.15 min Scan# 828
Delta R.T. -0.00 min
Lab File: BE098254.D
Acq: 21 Nov 2018 9:38

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:172 Resp: 7447

Ion	Ratio	Lower	Upper
172	100		
171	34.8	27.3	40.9
170	24.4	19.4	29.0

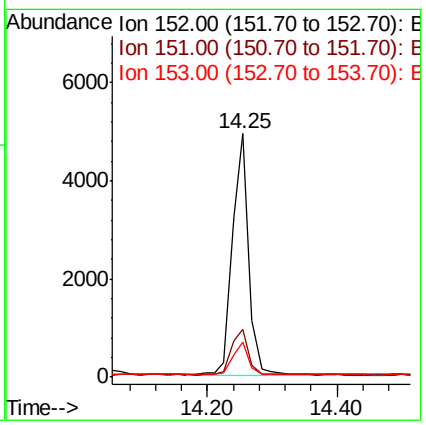


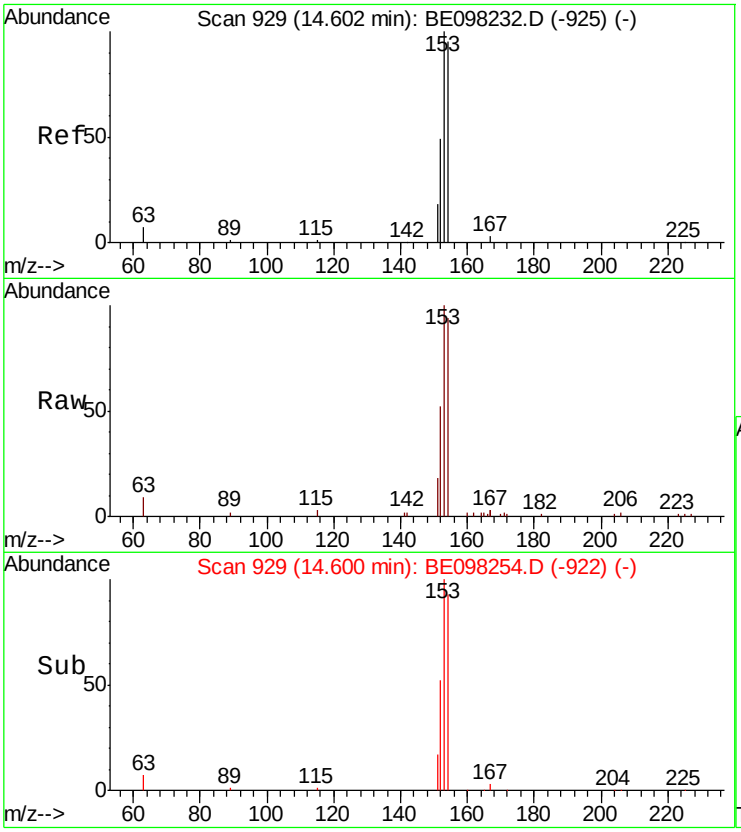


#16
Acenaphthylene
Concen: 0.392 ng
RT: 14.25 min Scan# 905
Delta R.T. -0.00 min
Lab File: BE098254.D
Acq: 21 Nov 2018 9:38

Tgt Ion:152 Resp: 8527

Ion	Ratio	Lower	Upper
152	100		
151	19.8	16.4	24.6
153	12.8	10.6	15.8



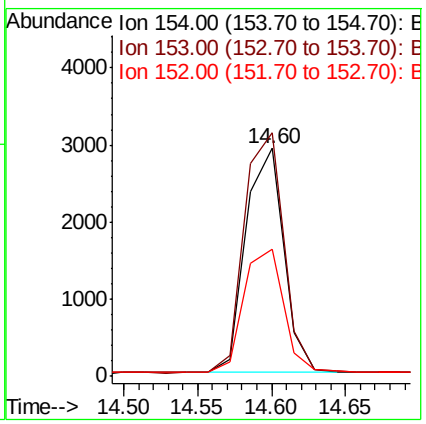


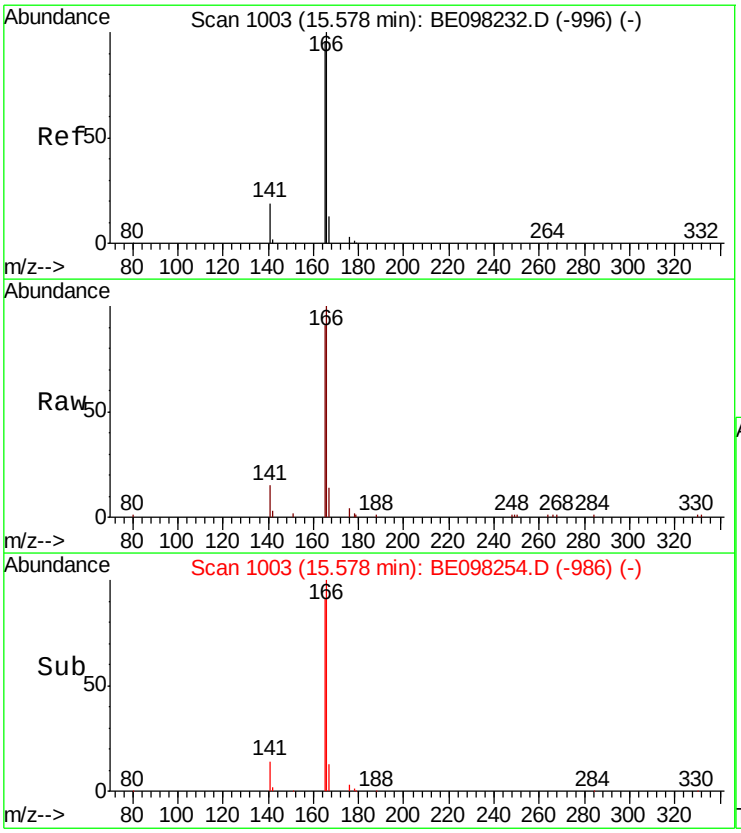
#17
Acenaphthene
Concen: 0.397 ng
RT: 14.60 min Scan# 929
Delta R.T. -0.00 min
Lab File: BE098254.D
Acq: 21 Nov 2018 9:38

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:154 Resp: 5162

Ion	Ratio	Lower	Upper
154	100		
153	111.4	92.1	138.1
152	58.0	46.2	69.2

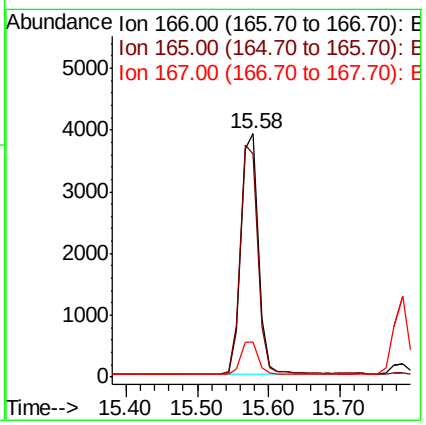


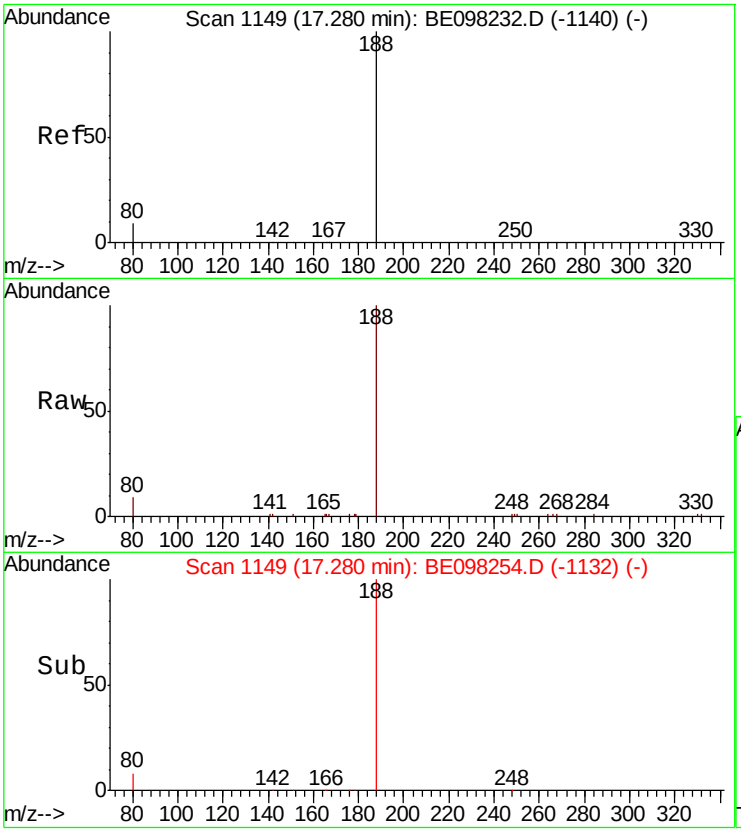


#18
Fluorene
Concen: 0.398 ng
RT: 15.58 min Scan# 1003
Delta R.T. 0.00 min
Lab File: BE098254.D
Acq: 21 Nov 2018 9:38

Tgt Ion:166 Resp: 6596

Ion	Ratio	Lower	Upper
166	100		
165	96.1	80.1	120.1
167	13.8	10.8	16.2



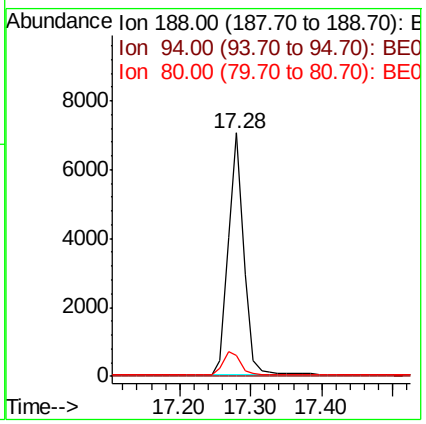


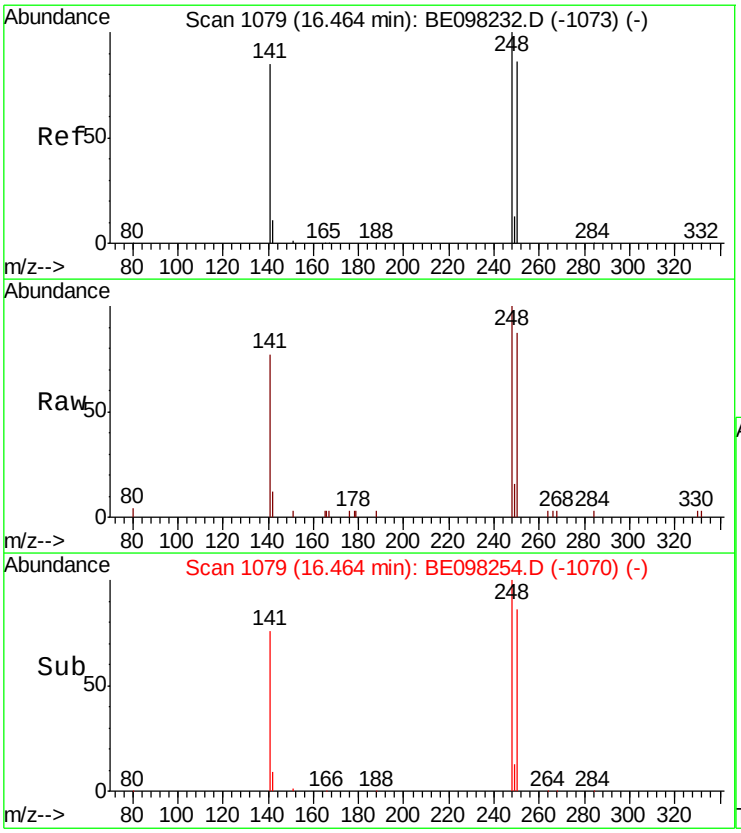
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.28 min Scan# 1149
Delta R.T. 0.00 min
Lab File: BE098254.D
Acq: 21 Nov 2018 9:38

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:188 Resp: 10557

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	8.7	6.7	10.1

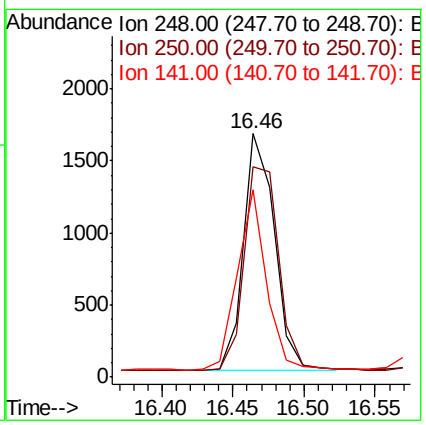


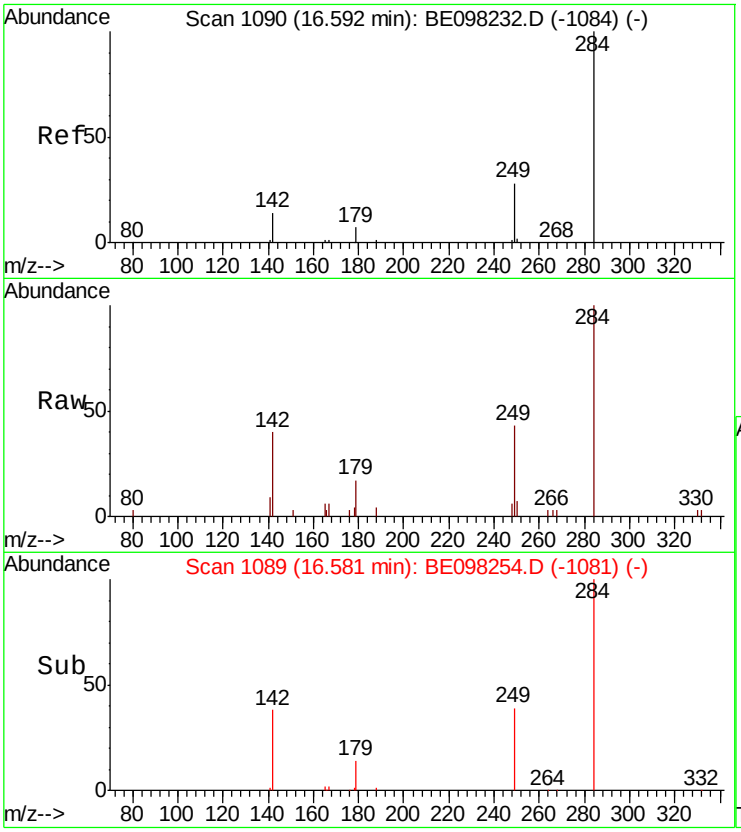


#20
4-Bromophenyl-phenylether
Concen: 0.384 ng
RT: 16.46 min Scan# 1079
Delta R.T. 0.00 min
Lab File: BE098254.D
Acq: 21 Nov 2018 9:38

Tgt Ion:248 Resp: 2511

Ion	Ratio	Lower	Upper
248	100		
250	86.6	77.6	116.4
141	77.0	65.8	98.8



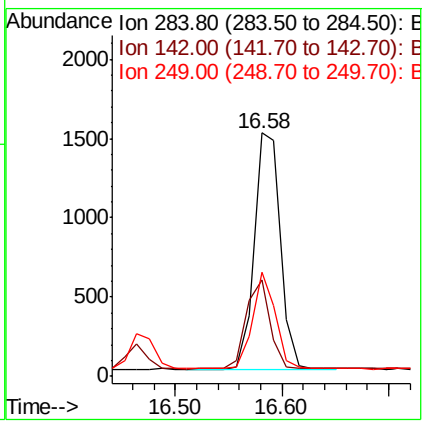


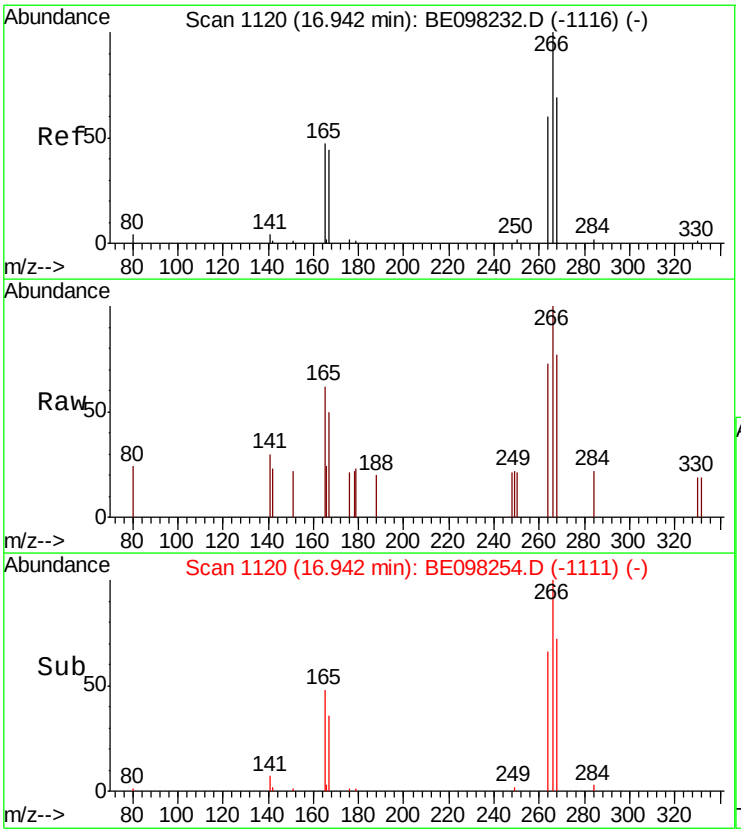
#21
Hexachlorobenzene
Concen: 0.379 ng
RT: 16.58 min Scan# 1089
Delta R.T. -0.01 min
Lab File: BE098254.D
Acq: 21 Nov 2018 9:38

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:284 Resp: 2556

Ion	Ratio	Lower	Upper
284	100		
142	34.9	26.5	39.7
249	35.3	28.4	42.6

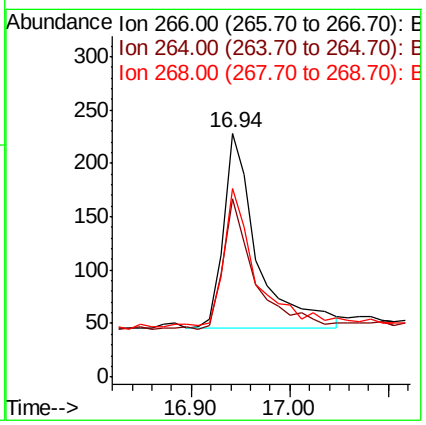


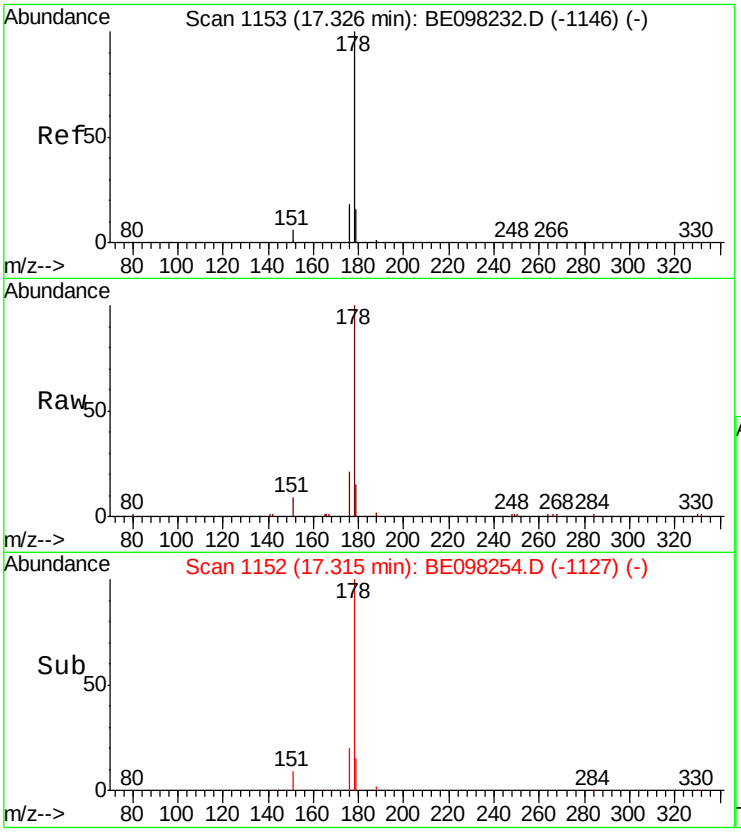


#22
Pentachlorophenol
Concen: 0.426 ng
RT: 16.94 min Scan# 1120
Delta R.T. 0.00 min
Lab File: BE098254.D
Acq: 21 Nov 2018 9:38

Tgt Ion:266 Resp: 429

Ion	Ratio	Lower	Upper
266	100		
264	73.2	57.6	86.4
268	77.2	56.8	85.2



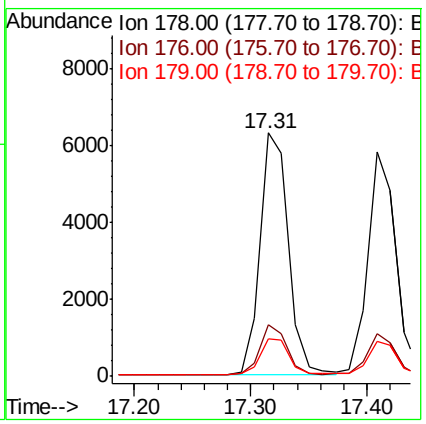


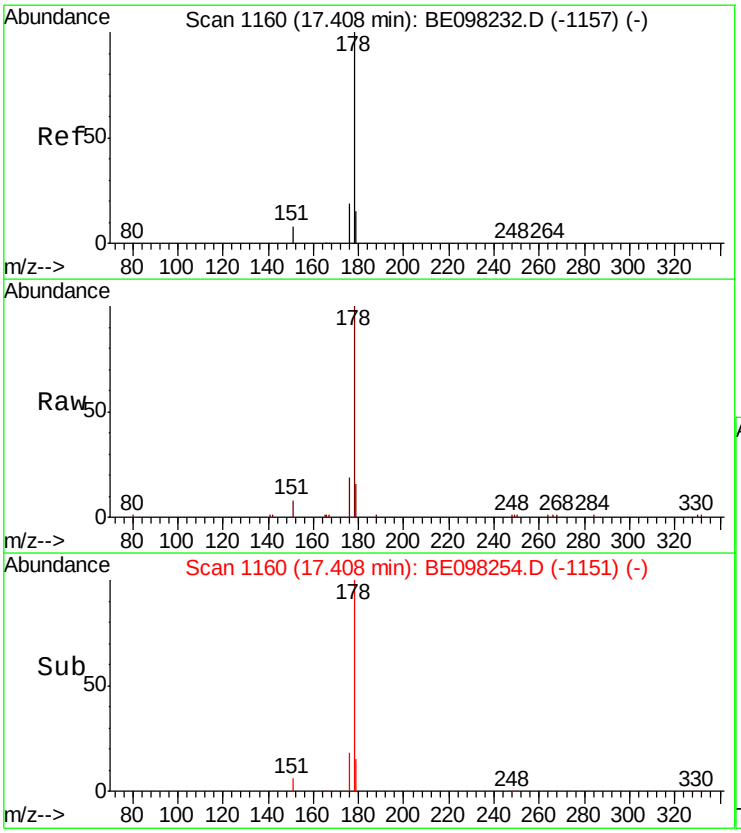
#23
Phenanthrene
Concen: 0.391 ng
RT: 17.31 min Scan# 1152
Delta R.T. -0.01 min
Lab File: BE098254.D
Acq: 21 Nov 2018 9:38

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:178 Resp: 10623

Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.8	23.8
179	14.9	12.3	18.5

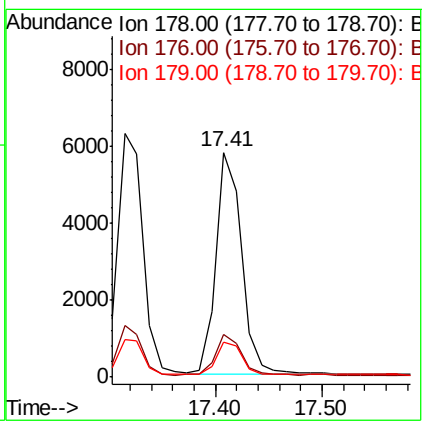


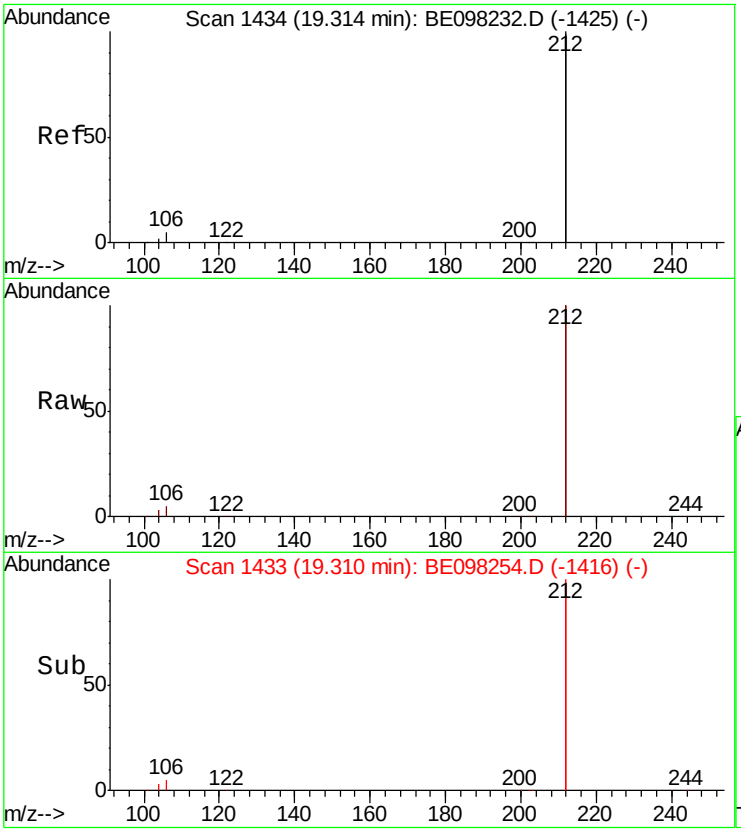


#24
Anthracene
Concen: 0.389 ng
RT: 17.41 min Scan# 1160
Delta R.T. 0.00 min
Lab File: BE098254.D
Acq: 21 Nov 2018 9:38

Tgt Ion:178 Resp: 9590

Ion	Ratio	Lower	Upper
178	100		
176	18.0	15.7	23.5
179	14.9	12.1	18.1



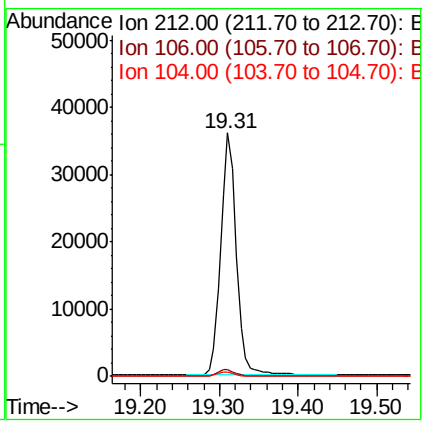


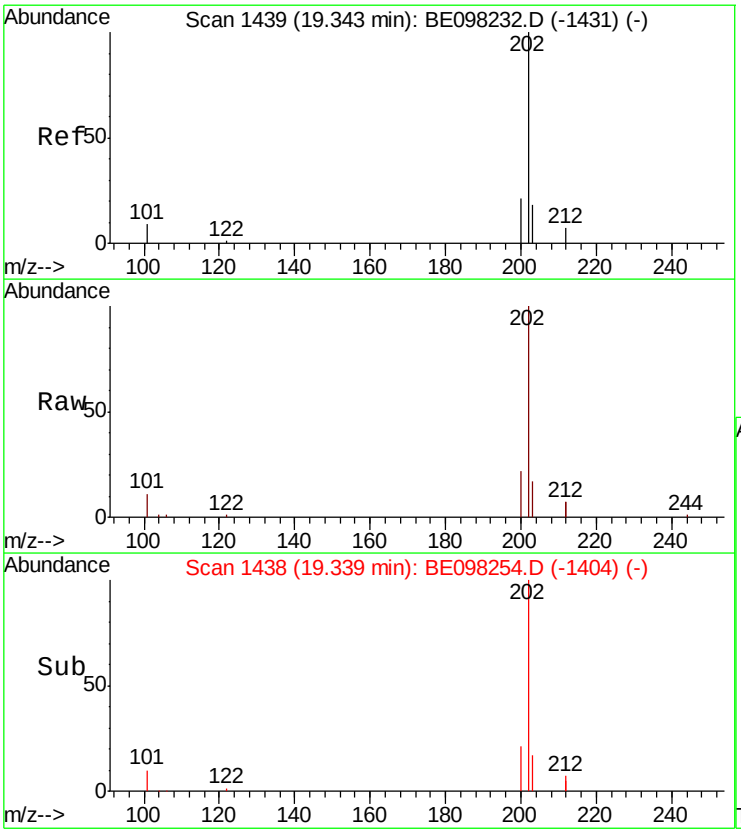
#25
Fluoranthene-d10
Concen: 0.386 ng
RT: 19.31 min Scan# 1433
Delta R.T. -0.00 min
Lab File: BE098254.D
Acq: 21 Nov 2018 9:38

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:212 Resp: 49511

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

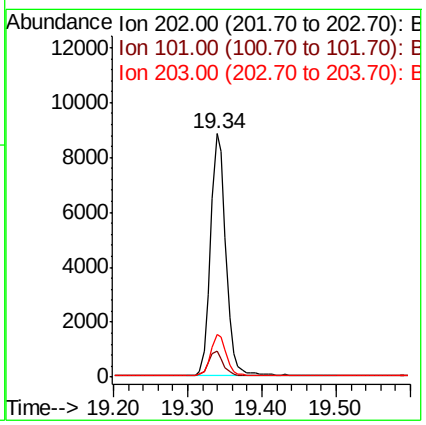


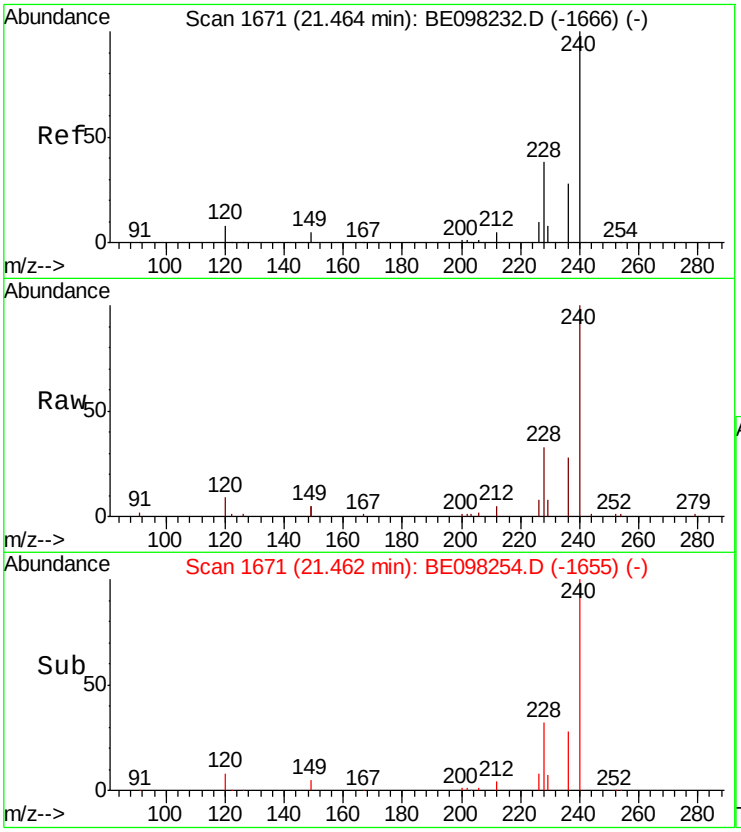


#26
Fluoranthene
Concen: 0.387 ng
RT: 19.34 min Scan# 1438
Delta R.T. -0.00 min
Lab File: BE098254.D
Acq: 21 Nov 2018 9:38

Tgt Ion:202 Resp: 12612

Ion	Ratio	Lower	Upper
202	100		
101	9.7	7.0	10.6
203	16.8	13.7	20.5



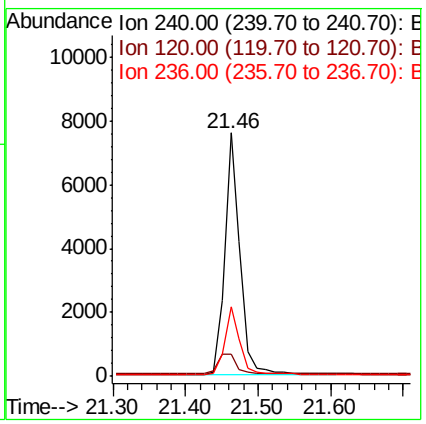


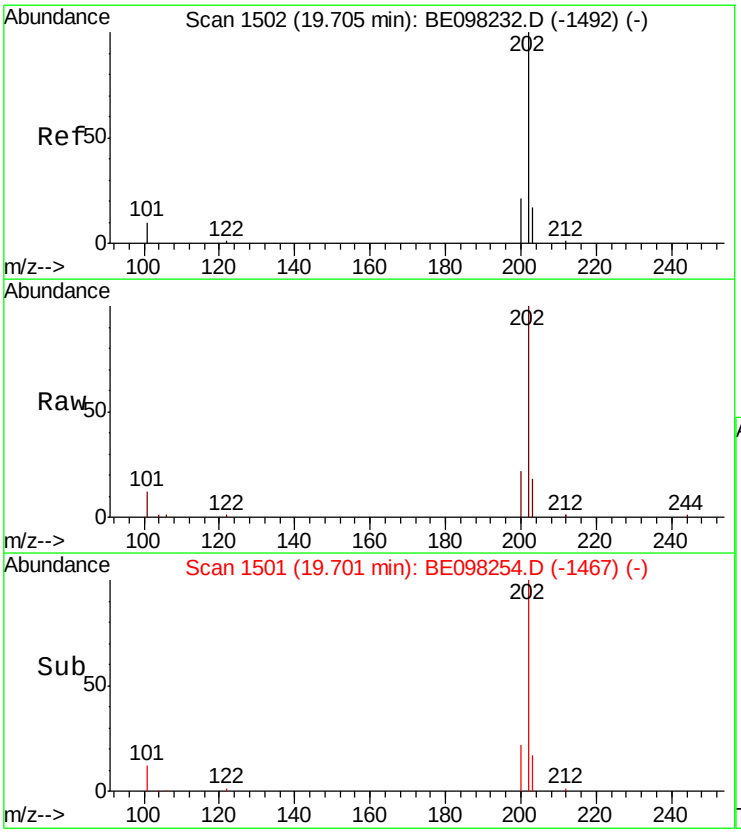
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.46 min Scan# 1671
Delta R.T. -0.00 min
Lab File: BE098254.D
Acq: 21 Nov 2018 9:38

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:240 Resp: 11386

Ion	Ratio	Lower	Upper
240	100		
120	8.9	4.8	7.2#
236	28.4	21.4	32.0

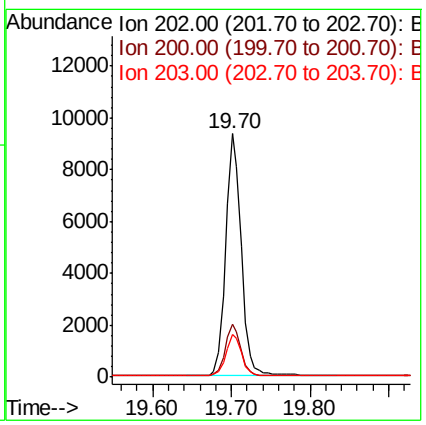


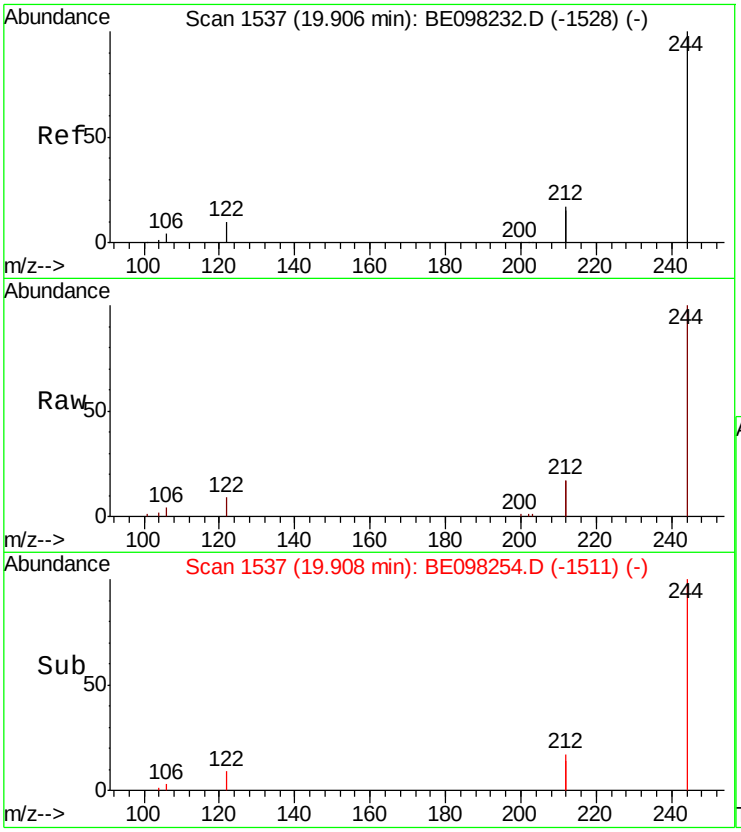


#28
Pyrene
Concen: 0.386 ng
RT: 19.70 min Scan# 1501
Delta R.T. -0.00 min
Lab File: BE098254.D
Acq: 21 Nov 2018 9:38

Tgt Ion:202 Resp: 12858

Ion	Ratio	Lower	Upper
202	100		
200	21.3	17.2	25.8
203	17.1	14.2	21.4



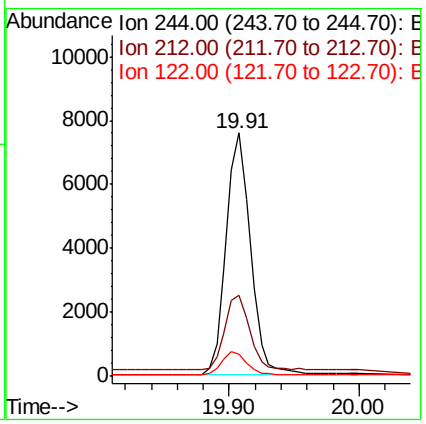


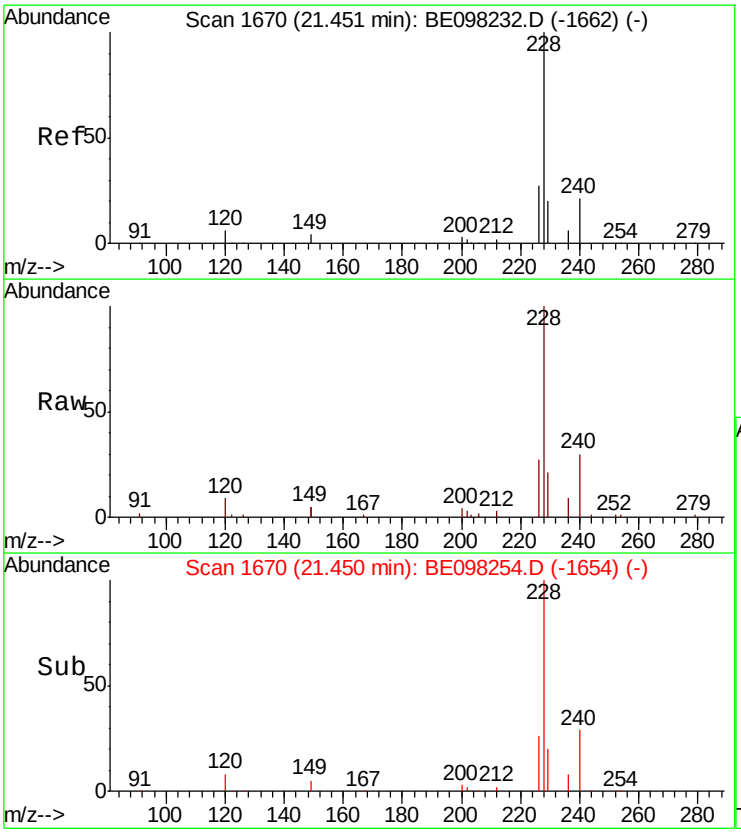
#29
Terphenyl-d14
Concen: 0.379 ng
RT: 19.91 min Scan# 1537
Delta R.T. 0.00 min
Lab File: BE098254.D
Acq: 21 Nov 2018 9:38

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:244 Resp: 9908

Ion	Ratio	Lower	Upper
244	100		
212	33.4	26.8	40.2
122	9.3	7.0	10.6

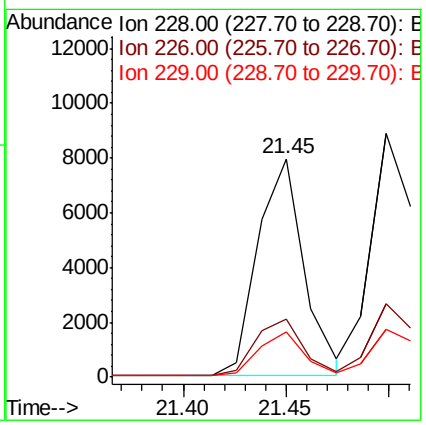


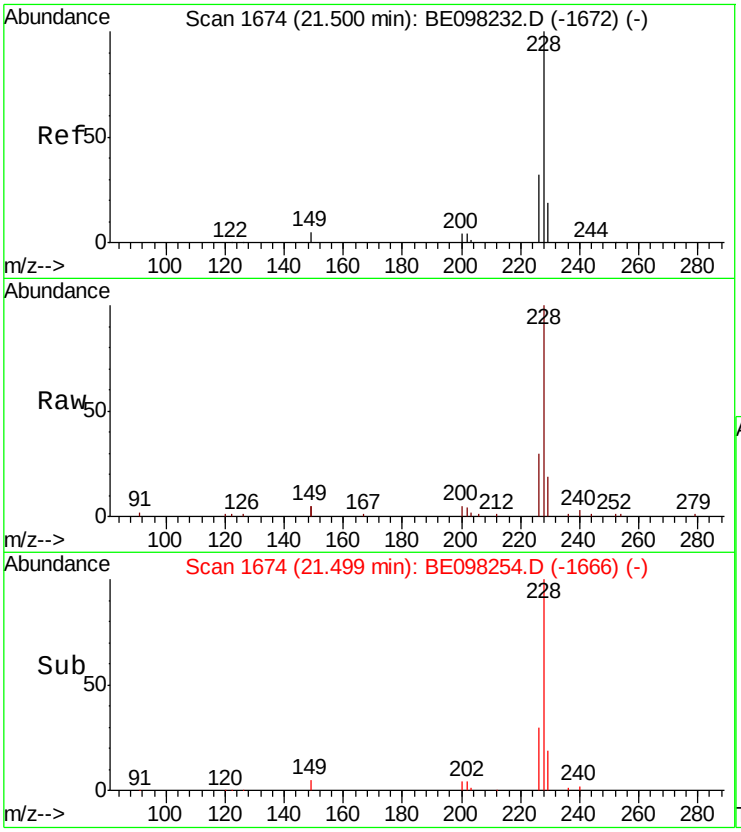


#30
Benzo(a)anthracene
Concen: 0.379 ng
RT: 21.45 min Scan# 1670
Delta R.T. -0.00 min
Lab File: BE098254.D
Acq: 21 Nov 2018 9:38

Tgt Ion:228 Resp: 12468

Ion	Ratio	Lower	Upper
228	100		
226	26.8	20.7	31.1
229	20.5	16.2	24.4



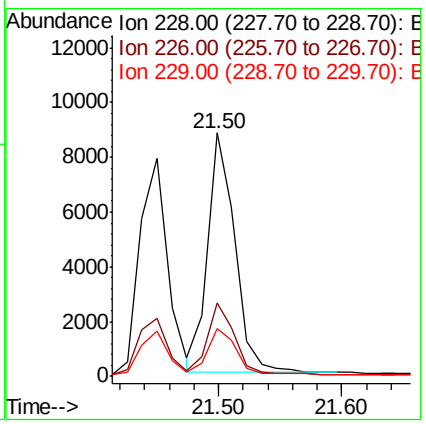


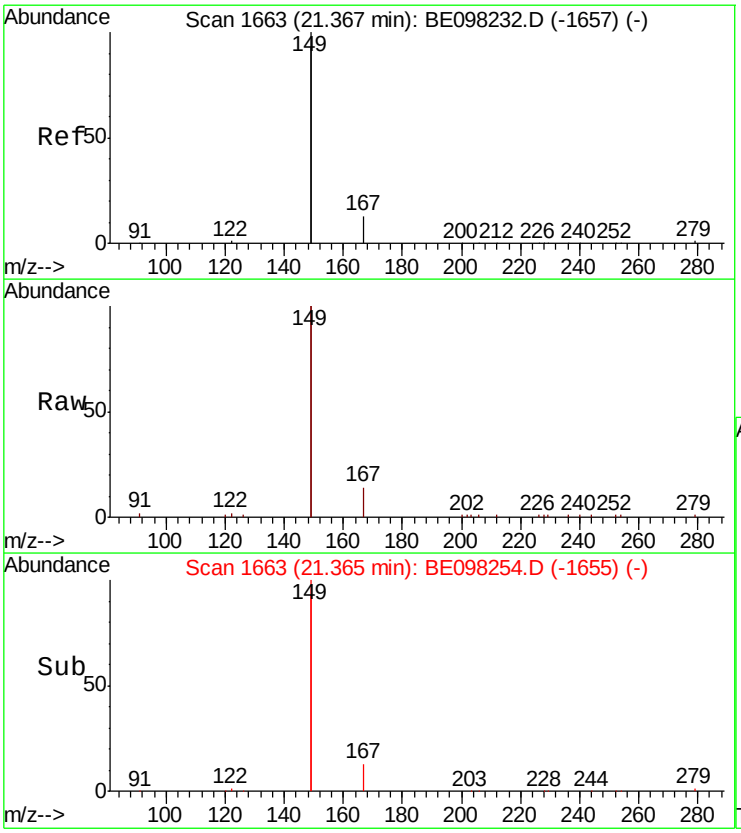
#31
Chrysene
Concen: 0.399 ng
RT: 21.50 min Scan# 1674
Delta R.T. -0.00 min
Lab File: BE098254.D
Acq: 21 Nov 2018 9:38

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:228 Resp: 13517

Ion	Ratio	Lower	Upper
228	100		
226	30.1	24.6	36.8
229	19.4	16.0	24.0

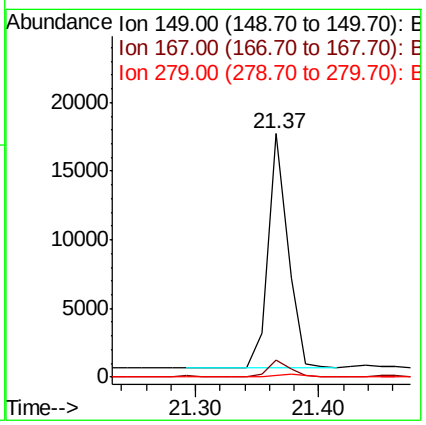


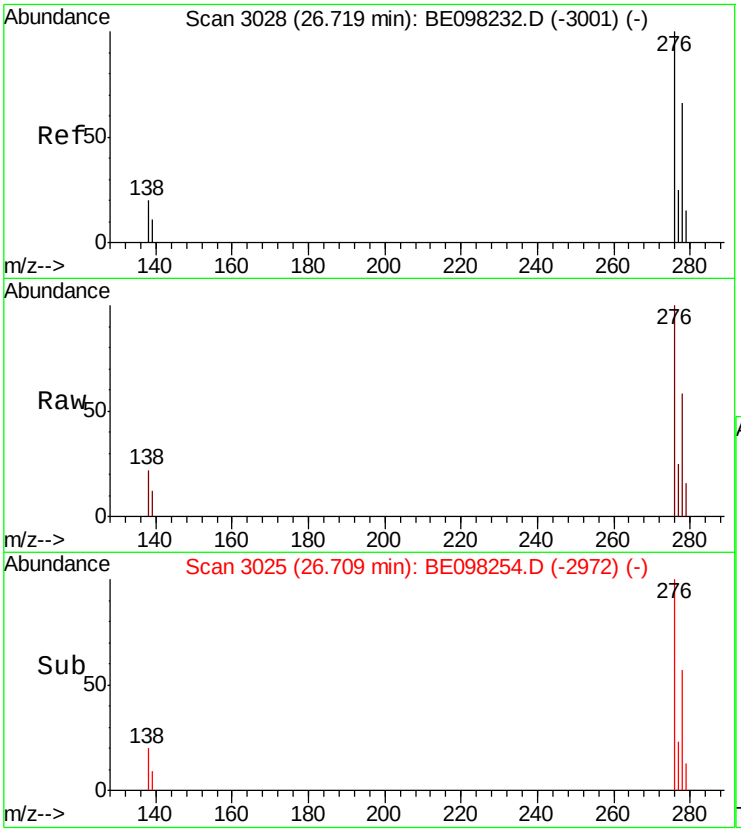


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.381 ng
RT: 21.37 min Scan# 1663
Delta R.T. -0.00 min
Lab File: BE098254.D
Acq: 21 Nov 2018 9:38

Tgt Ion:149 Resp: 19572

Ion	Ratio	Lower	Upper
149	100		
167	6.9	5.6	8.4
279	1.0	0.9	1.3



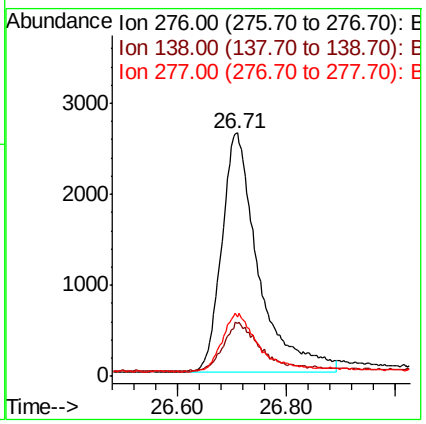


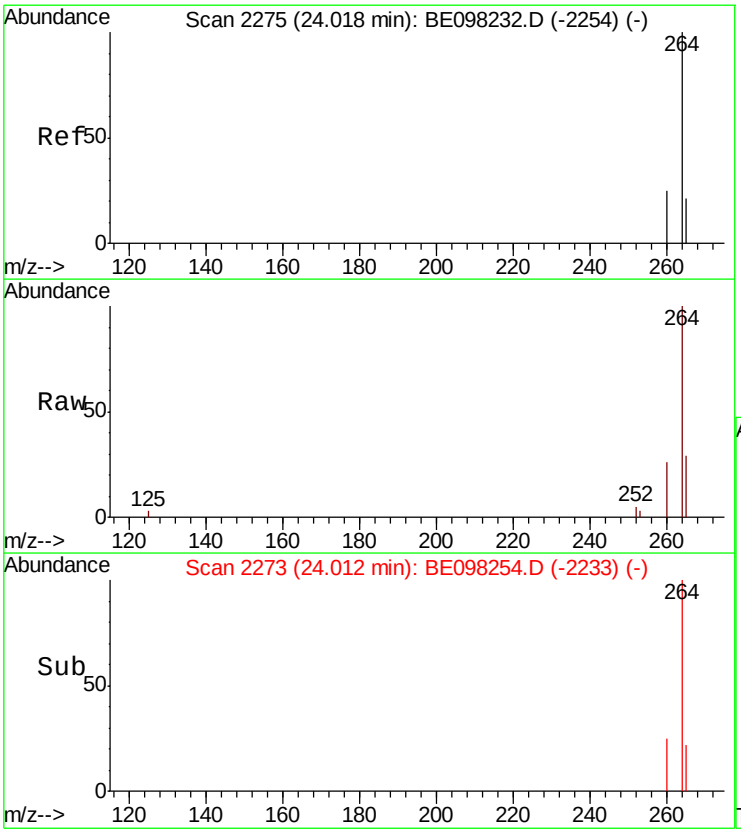
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.426 ng
RT: 26.71 min Scan# 3025
Delta R.T. -0.01 min
Lab File: BE098254.D
Acq: 21 Nov 2018 9:38

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 12346

Ion	Ratio	Lower	Upper
276	100		
138	19.4	6.4	9.6#
277	24.4	18.9	28.3

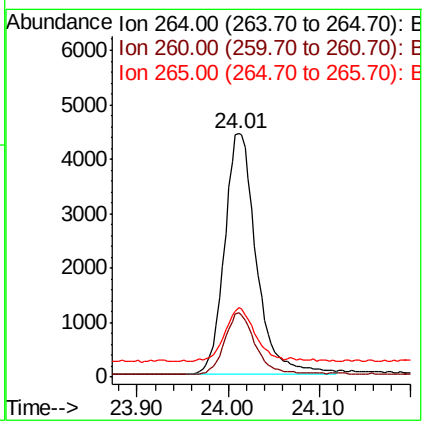


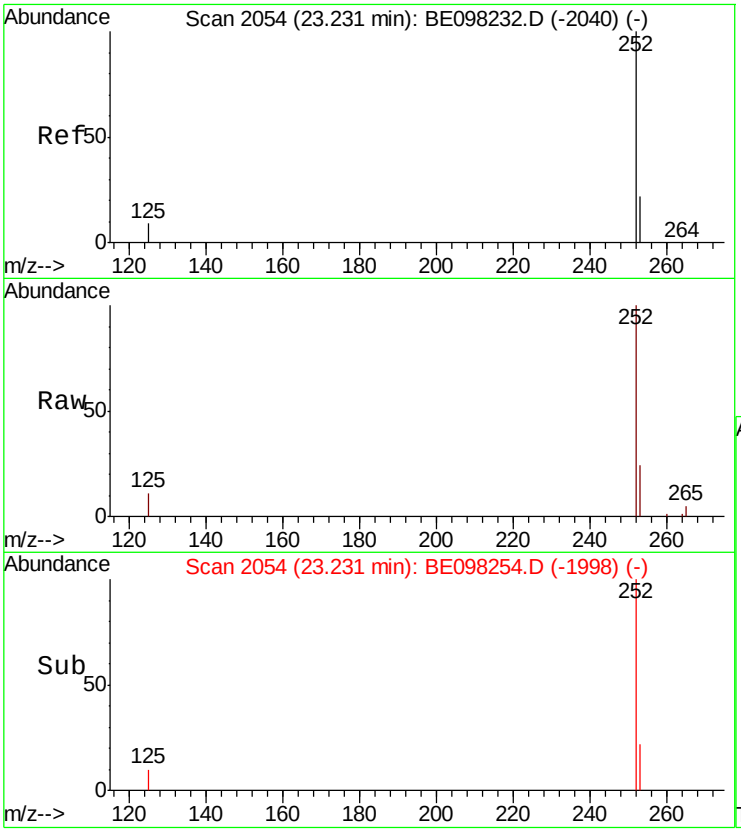


#34
Perylene-d12
Concen: 0.400 ng
RT: 24.01 min Scan# 2273
Delta R.T. -0.01 min
Lab File: BE098254.D
Acq: 21 Nov 2018 9:38

Tgt Ion:264 Resp: 10779

Ion	Ratio	Lower	Upper
264	100		
260	26.2	19.9	29.9
265	28.7	21.3	31.9



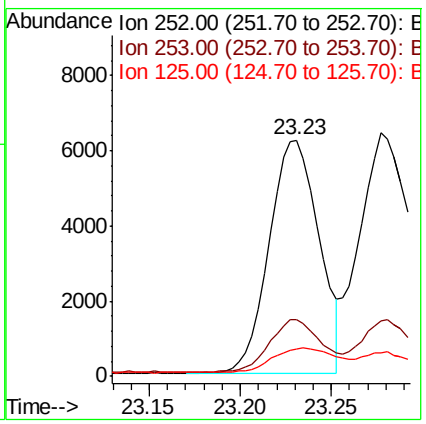


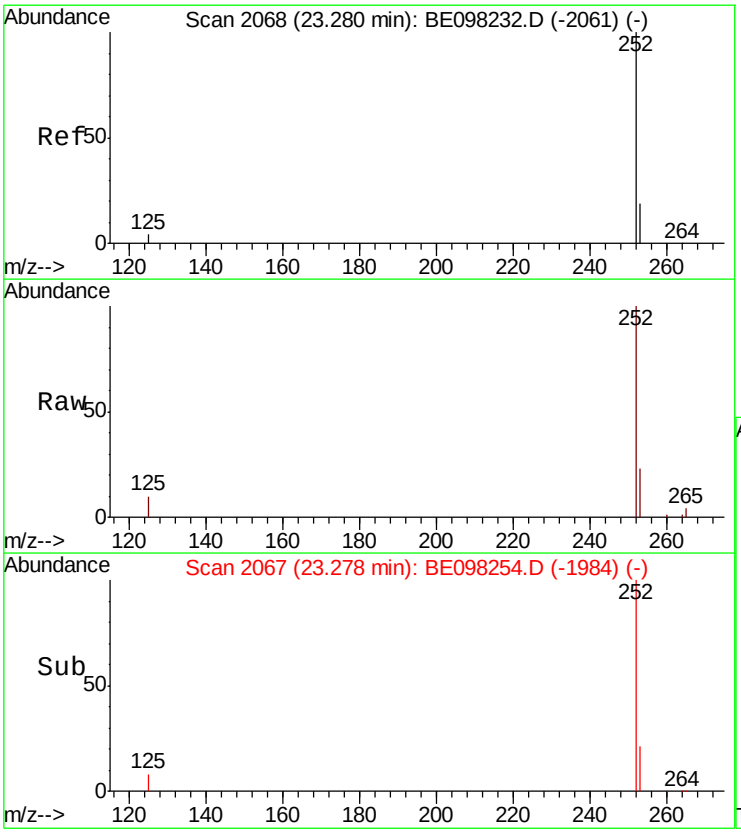
#35
Benzo(b)fluoranthene
Concen: 0.386 ng
RT: 23.23 min Scan# 2054
Delta R.T. 0.00 min
Lab File: BE098254.D
Acq: 21 Nov 2018 9:38

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 11741

Ion	Ratio	Lower	Upper
252	100		
253	24.2	19.4	29.0
125	11.5	8.6	12.8

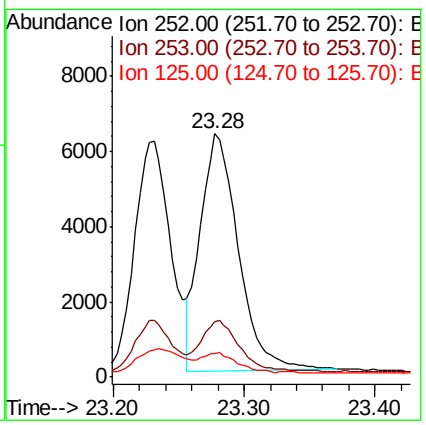


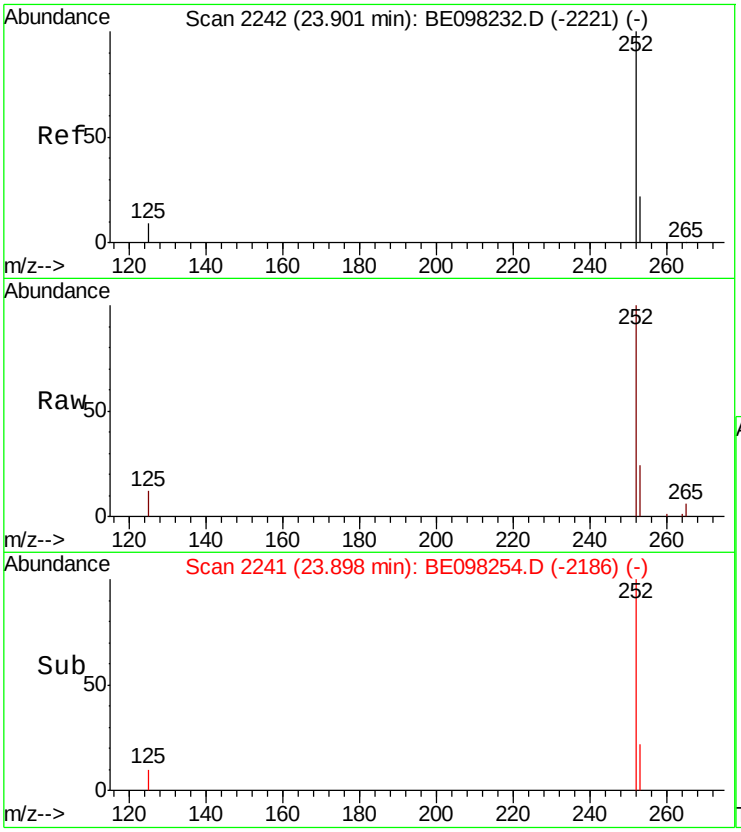


#36
Benzo(k)fluoranthene
Concen: 0.376 ng
RT: 23.28 min Scan# 2067
Delta R.T. -0.00 min
Lab File: BE098254.D
Acq: 21 Nov 2018 9:38

Tgt Ion:252 Resp: 12917

Ion	Ratio	Lower	Upper
252	100		
253	22.6	18.6	28.0
125	9.9	7.4	11.0



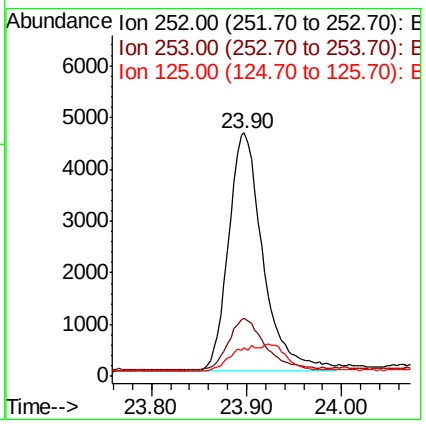


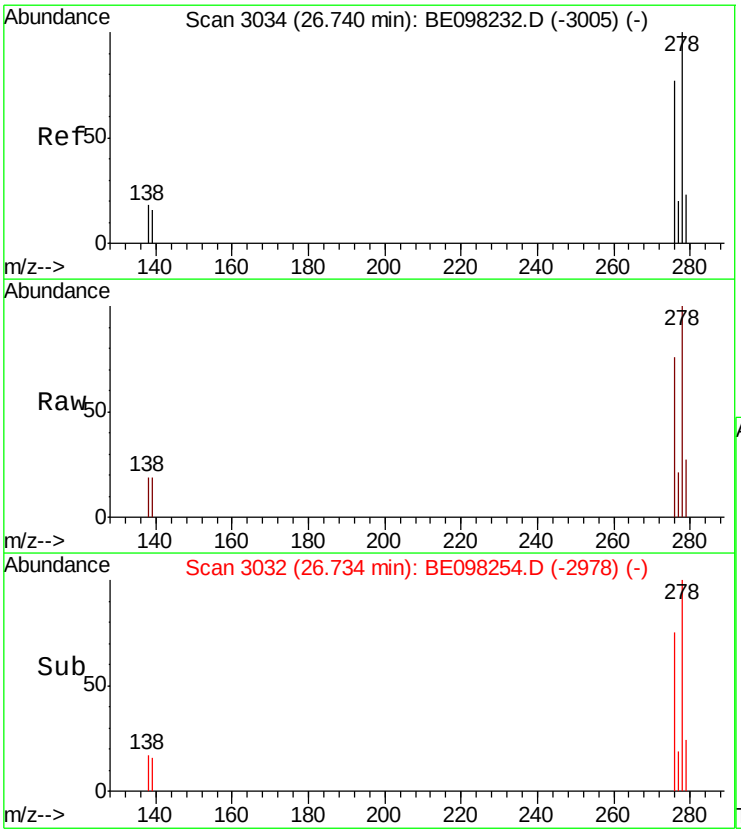
#37
Benzo(a)pyrene
Concen: 0.390 ng
RT: 23.90 min Scan# 2241
Delta R.T. -0.00 min
Lab File: BE098254.D
Acq: 21 Nov 2018 9:38

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 11646

Ion	Ratio	Lower	Upper
252	100		
253	24.0	18.6	27.8
125	11.8	8.0	12.0

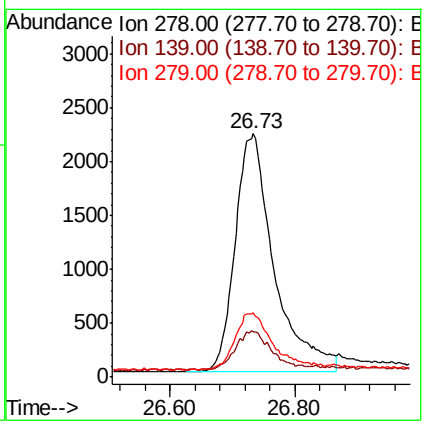


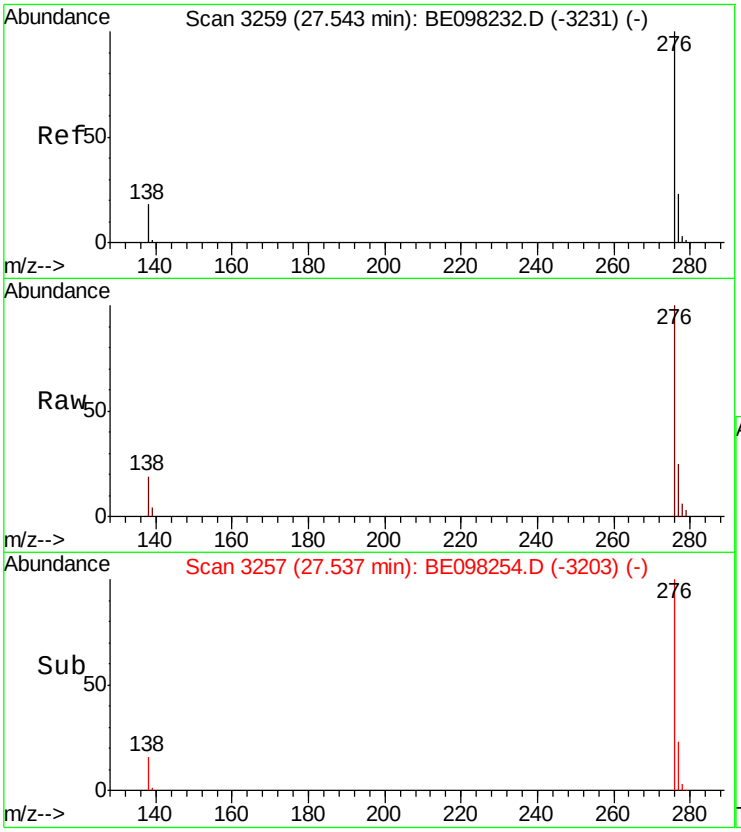


#38
Dibenzo(a,h)anthracene
Concen: 0.402 ng
RT: 26.73 min Scan# 3032
Delta R.T. -0.01 min
Lab File: BE098254.D
Acq: 21 Nov 2018 9:38

Tgt Ion:278 Resp: 9623

Ion	Ratio	Lower	Upper
278	100		
139	18.6	16.4	24.6
279	26.6	21.3	31.9





#39
Benzo(g,h,i)perylene
Concen: 0.401 ng
RT: 27.54 min Scan# 3257
Delta R.T. -0.01 min
Lab File: BE098254.D
Acq: 21 Nov 2018 9:38

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 10340

Ion	Ratio	Lower	Upper
276	100		
277	25.0	20.4	30.6
138	18.8	13.2	19.8