Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE111218\
Data File : BE098201.D
Acq On : 12 Nov 2018 22:32
Operator : SJ/JU
Sample : PB114718BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : PB114718BS

Quant Time: Nov 13 03:50:58 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE111218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 12 13:32:15 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.86	152	997	0.40	ng		0.00
7) Naphthalene-d8	10.67	136	3940	0.40	ng		0.00
13) Acenaphthene-d10	14.53	164	2434	0.40	ng		0.00
19) Phenanthrene-d10	17.28	188	6909	0.40	ng		0.00
27) Chrysene-d12	21.46	240	8891	0.40	ng		0.00
34) Perylene-d12	24.01	264	8382	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.46	112	294	0.10	ng		0.00
5) Phenol-d6	7.05	99	623	0.14	ng		0.00
8) Nitrobenzene-d5	9.02	82	297	0.08	ng		0.00
11) 2-Methylnaphthalene-d10	12.22	152	370	0.05	ng		-0.04
14) 2,4,6-Tribromophenol	16.02	330	218	0.21	ng		0.00
15) 2-Fluorobiphenyl	13.15	172	1150	0.11	ng		0.00
25) Fluoranthene-d10	19.31	212	65	0.00	ng		0.00
29) Terphenyl-d14	19.91	244	2247	0.11	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.38	88	712	0.475	ng	#	49
3) n-Nitrosodimethylamine	3.68	42	1187	0.607	ng	#	86
6) bis(2-Chloroethyl)ether	7.29	93	1914	0.525	ng		99
9) Naphthalene	10.72	128	24765	0.618	ng		99
10) Hexachlorobutadiene	11.00	225	1408	0.565	ng		97
12) 2-Methylnaphthalene	12.34	142	4282	0.616	ng		94
16) Acenaphthylene	14.25	152	6975	0.625	ng		99
17) Acenaphthene	14.60	154	3963	0.582	ng		98
18) Fluorene	15.57	166	5861	0.672	ng		97
20) 4-Bromophenyl-phenylether	16.46	248	2199	0.522	ng		94
21) Hexachlorobenzene	16.58	284	2330	0.532	ng		99
22) Pentachlorophenol	16.94	266	699	0.796	ng		98
23) Phenanthrene	17.32	178	10918	0.634	ng		99
24) Anthracene	17.41	178	10438	0.651	ng		99
26) Fluoranthene	19.34	202	14580	0.684	ng		99
28) Pyrene	19.70	202	14920	0.610	ng		100
30) Benzo(a)anthracene	21.45	228	16437	0.651	ng		99
31) Chrysene	21.50	228	16164	0.630	ng		100
32) Bis(2-ethylhexyl)phthalate	21.37	149	30800	0.587	ng		99
33) Indeno(1,2,3-cd)pyrene	26.70	276	15781	0.671	ng	#	91
35) Benzo(b)fluoranthene	23.23	252	15329	0.645	ng		96
36) Benzo(k)fluoranthene	23.28	252	15743	0.627	ng		99
37) Benzo(a)pyrene	23.90	252	14772	0.648	ng		99
38) Dibenzo(a,h)anthracene	26.73	278	12889	0.663	ng	#	92
39) Benzo(g,h,i)perylene	27.52	276	13322	0.657	ng		98

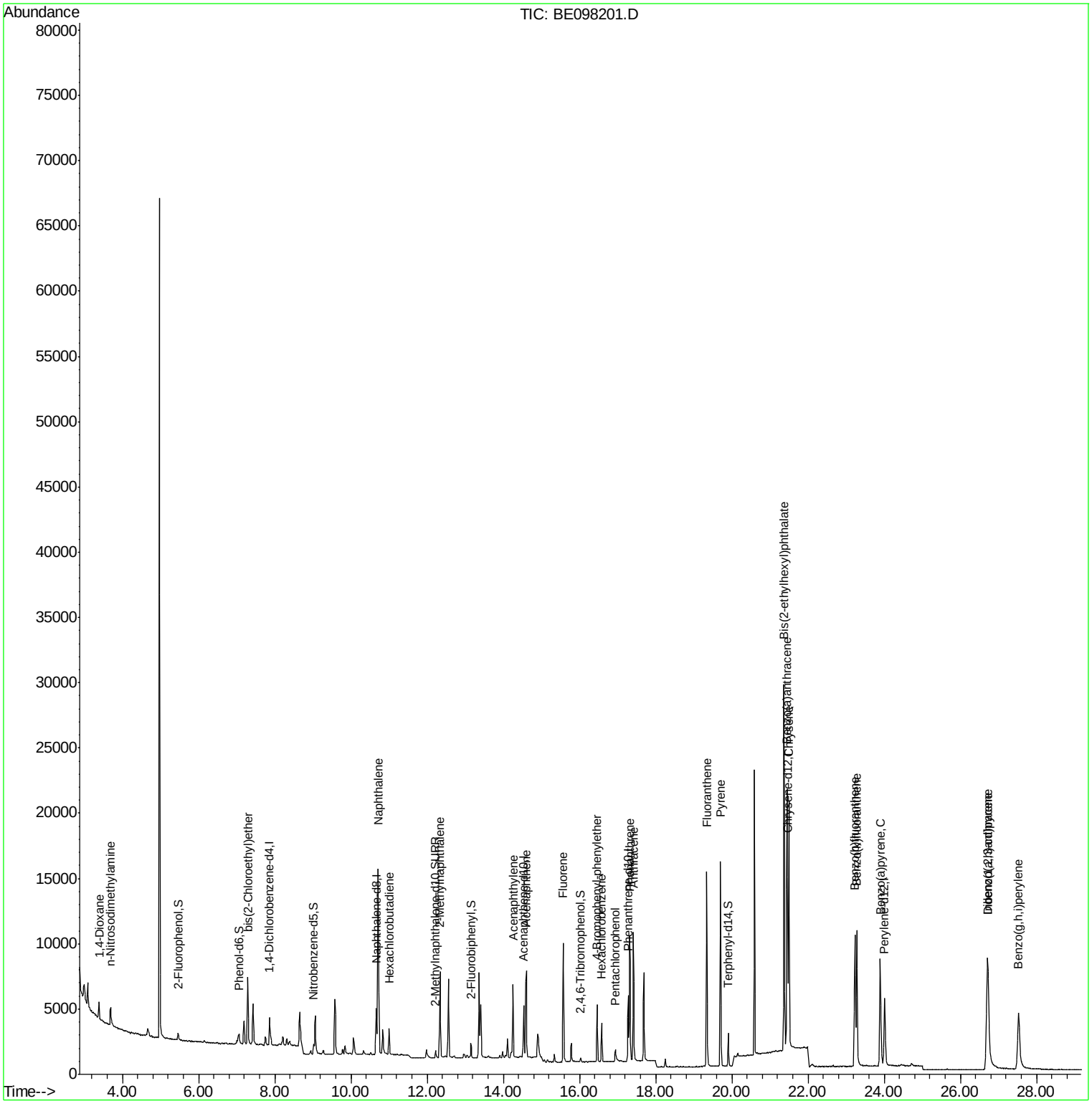
(#) = qualifier out of range (m) = manual integration (+) = signals summed

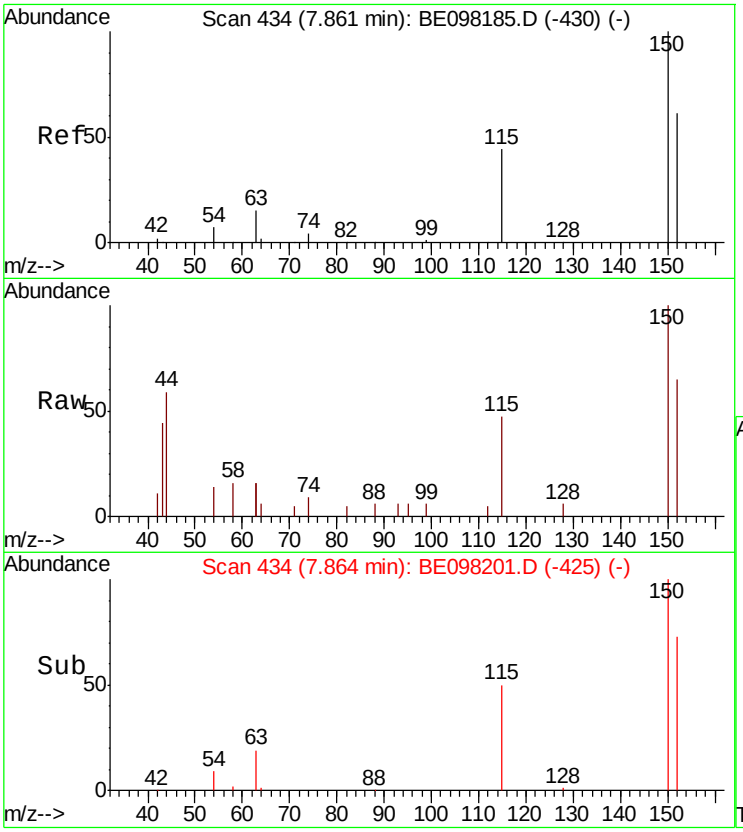
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE111218\
Data File : BE098201.D
Acq On : 12 Nov 2018 22:32
Operator : SJ/JU
Sample : PB114718BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
PB114718BS

Quant Time: Nov 13 03:50:58 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE111218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 12 13:32:15 2018
Response via : Initial Calibration



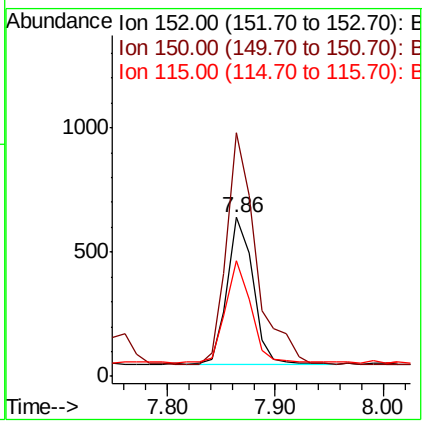


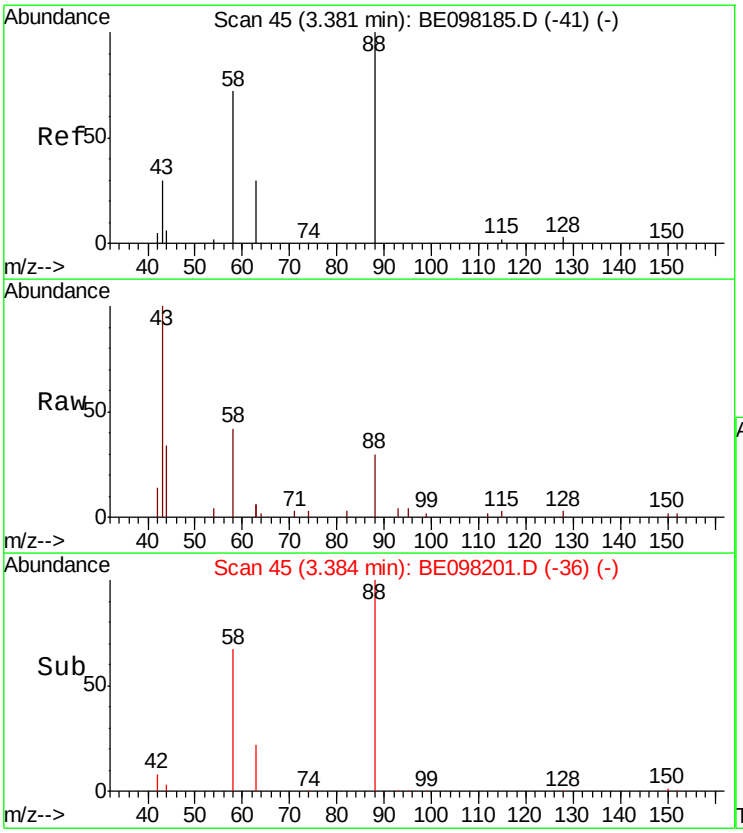
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.86 min Scan# 434
Delta R.T. 0.00 min
Lab File: BE098201.D
Acq: 12 Nov 2018 22:32

Instrument :
BNA_E
ClientSampleId :
PB114718BS

Tgt Ion:152 Resp: 997

Ion	Ratio	Lower	Upper
152	100		
150	153.2	127.5	191.3
115	72.6	60.3	90.5

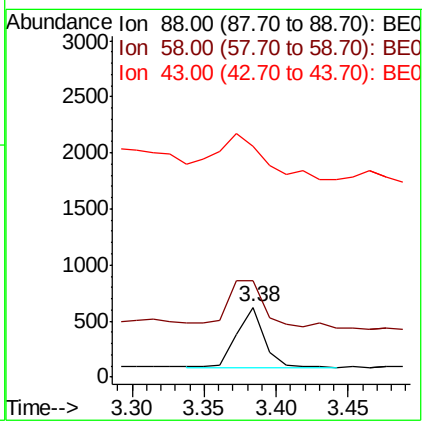


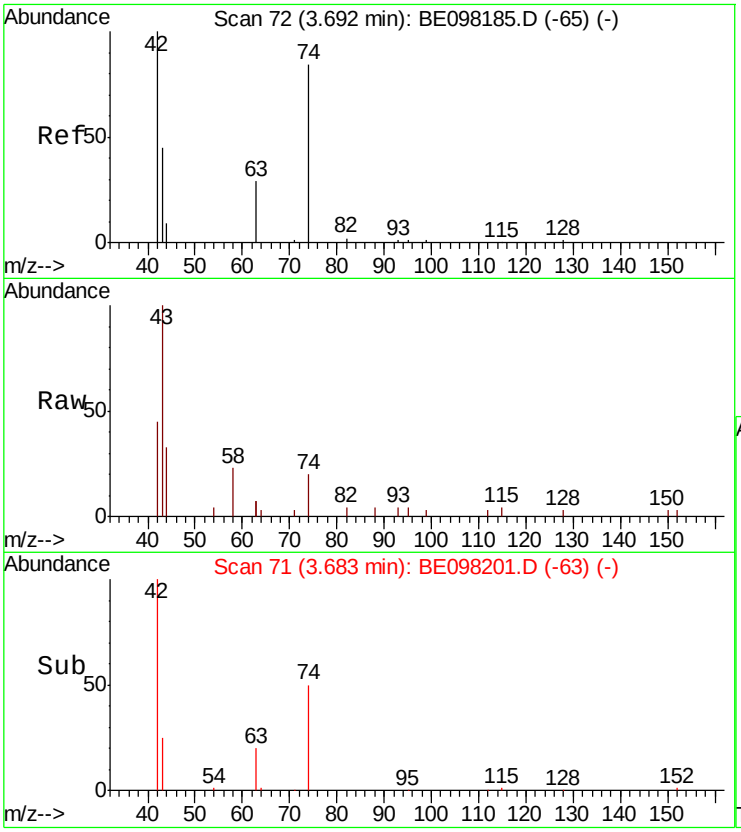


#2
1,4-Dioxane
Concen: 0.475 ng
RT: 3.38 min Scan# 45
Delta R.T. 0.00 min
Lab File: BE098201.D
Acq: 12 Nov 2018 22:32

Tgt Ion: 88 Resp: 712

Ion	Ratio	Lower	Upper
88	100		
58	109.1	79.0	118.4
43	137.9	38.1	57.1#



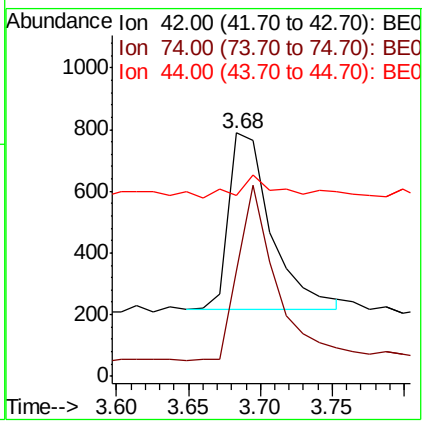


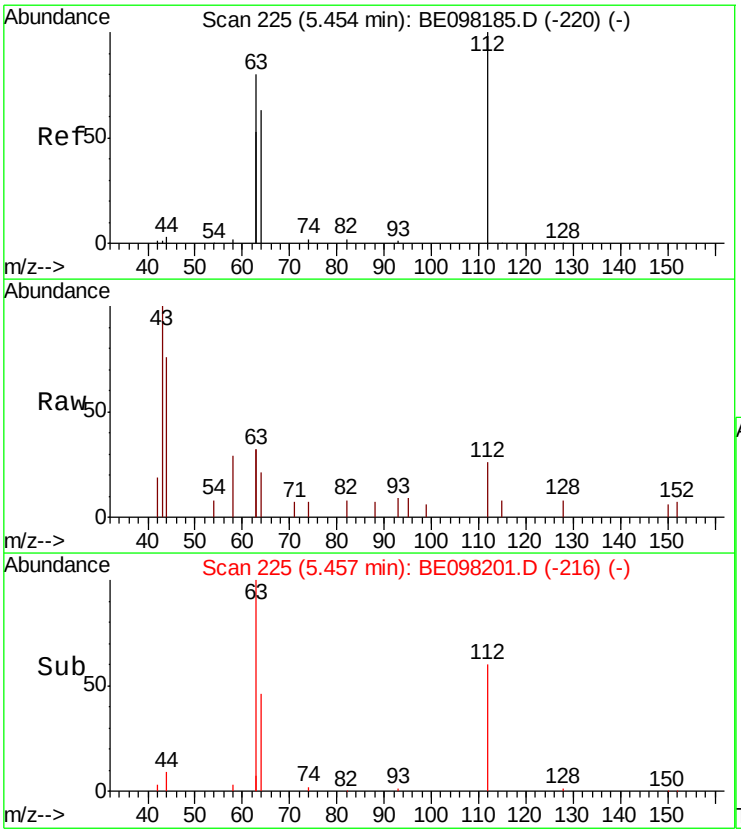
#3
n-Nitrosodimethylamine
Concen: 0.607 ng
RT: 3.68 min Scan# 71
Delta R.T. -0.01 min
Lab File: BE098201.D
Acq: 12 Nov 2018 22:32

Instrument :
BNA_E
ClientSampleId :
PB114718BS

Tgt Ion: 42 Resp: 1187

Ion	Ratio	Lower	Upper
42	100		
74	88.5	61.7	92.5
44	9.6	14.0	21.0#

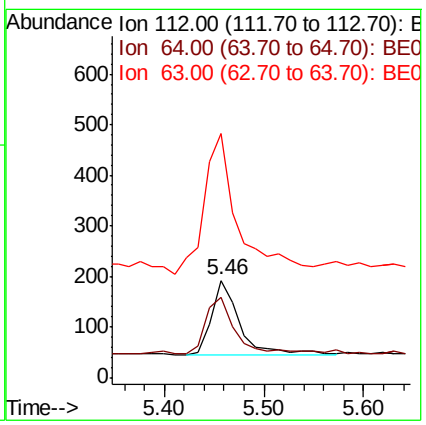


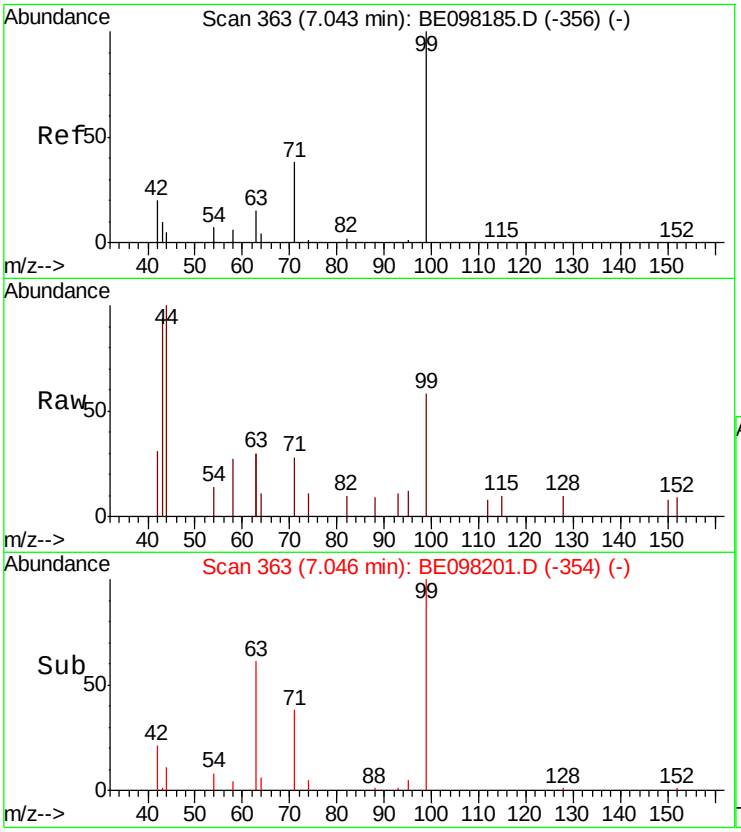


#4
2-Fluorophenol
Concen: 0.104 ng
RT: 5.46 min Scan# 225
Delta R.T. 0.00 min
Lab File: BE098201.D
Acq: 12 Nov 2018 22:32

Tgt Ion:112 Resp: 294

Ion	Ratio	Lower	Upper
112	100		
64	72.8	61.7	92.5
63	225.2	136.2	204.2#



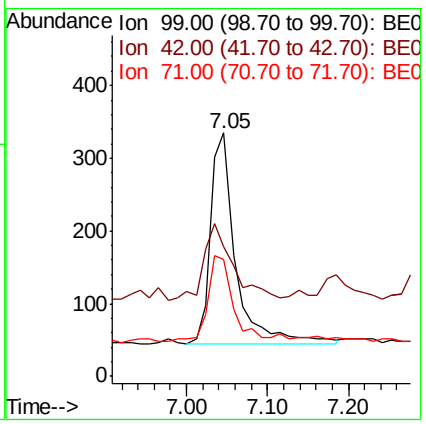


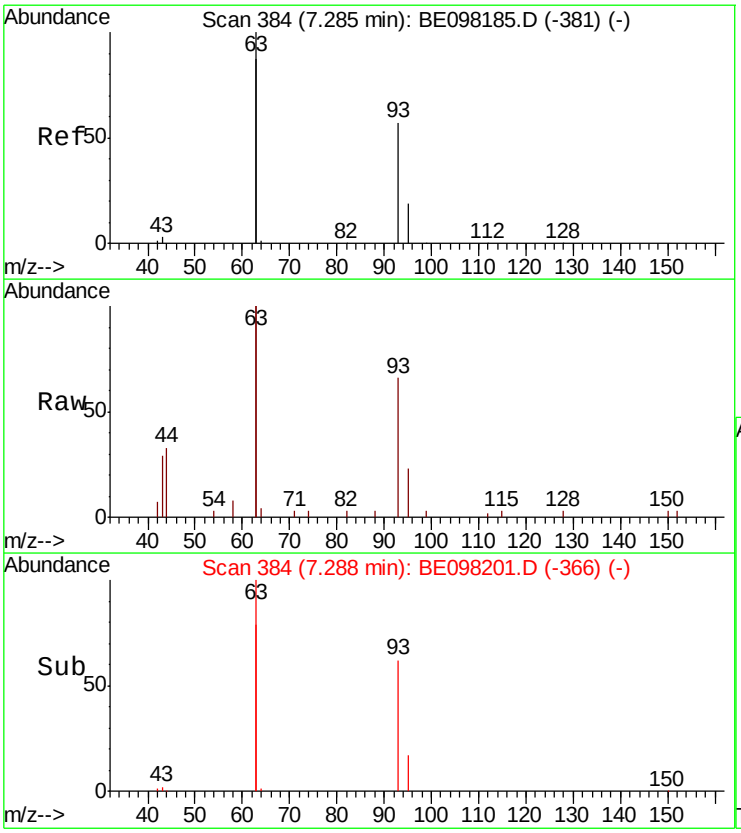
#5
Phenol-d6
Concen: 0.138 ng
RT: 7.05 min Scan# 363
Delta R.T. 0.00 min
Lab File: BE098201.D
Acq: 12 Nov 2018 22:32

Instrument :
BNA_E
ClientSampleId :
PB114718BS

Tgt Ion: 99 Resp: 623

Ion	Ratio	Lower	Upper
99	100		
42	38.5	27.1	40.7
71	41.1	37.0	55.6

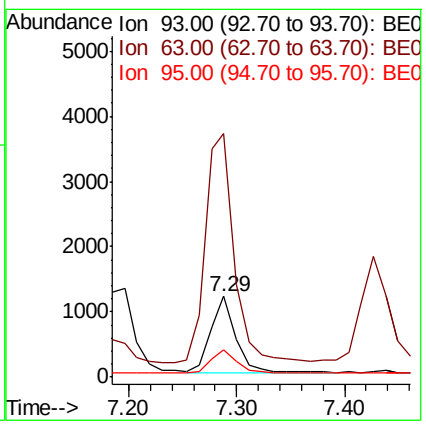


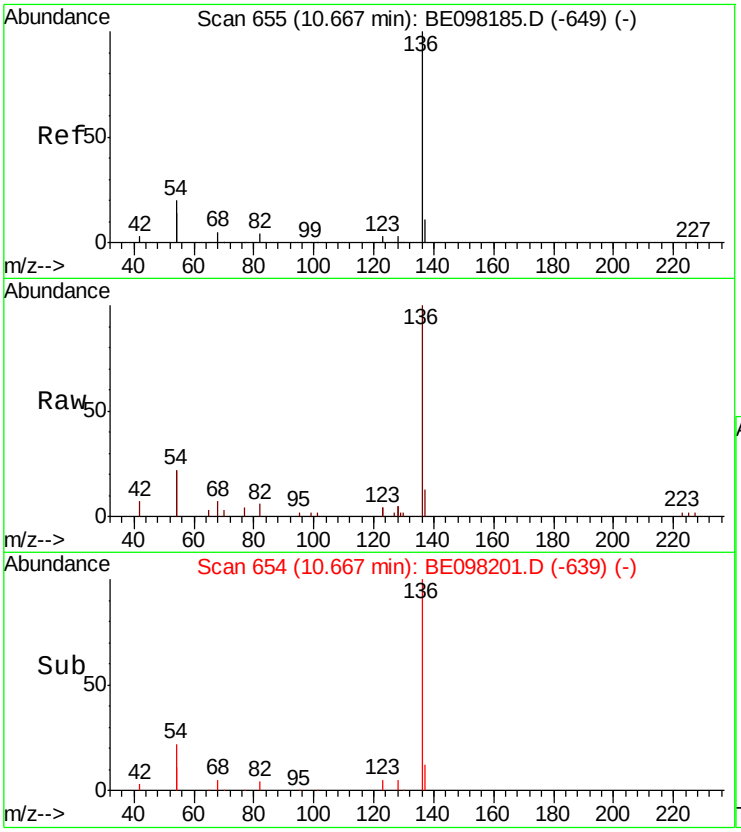


#6
bis(2-Chloroethyl)ether
Concen: 0.525 ng
RT: 7.29 min Scan# 384
Delta R.T. 0.00 min
Lab File: BE098201.D
Acq: 12 Nov 2018 22:32

Tgt Ion: 93 Resp: 1914

Ion	Ratio	Lower	Upper
93	100		
63	339.0	272.6	409.0
95	31.6	27.1	40.7



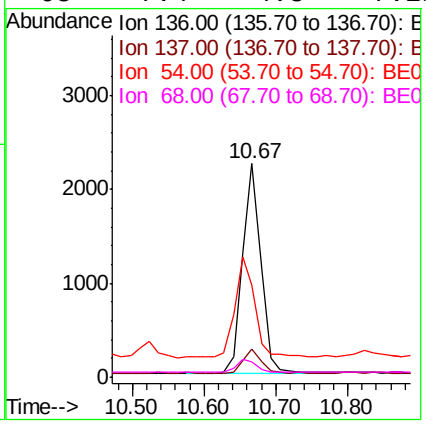


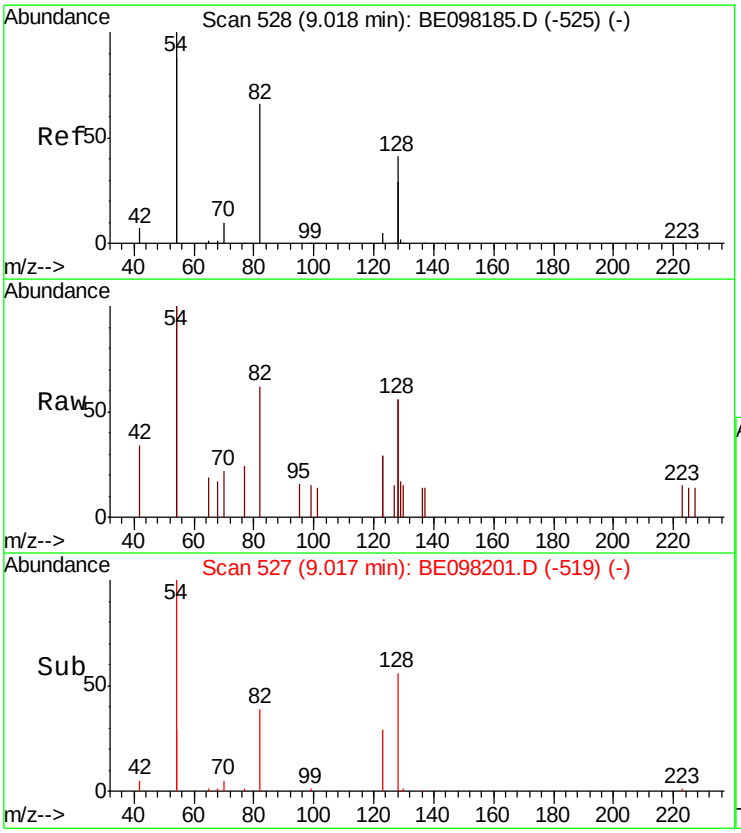
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.67 min Scan# 654
Delta R.T. -0.00 min
Lab File: BE098201.D
Acq: 12 Nov 2018 22:32

Instrument :
BNA_E
ClientSampleId :
PB114718BS

Tgt Ion:136 Resp: 3940

Ion	Ratio	Lower	Upper
136	100		
137	13.4	9.5	14.3
54	43.1	31.3	46.9
68	7.4	4.8	7.2#

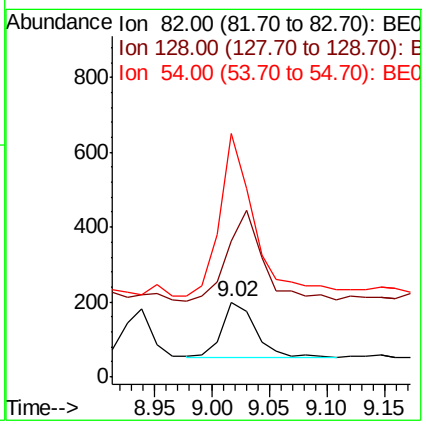


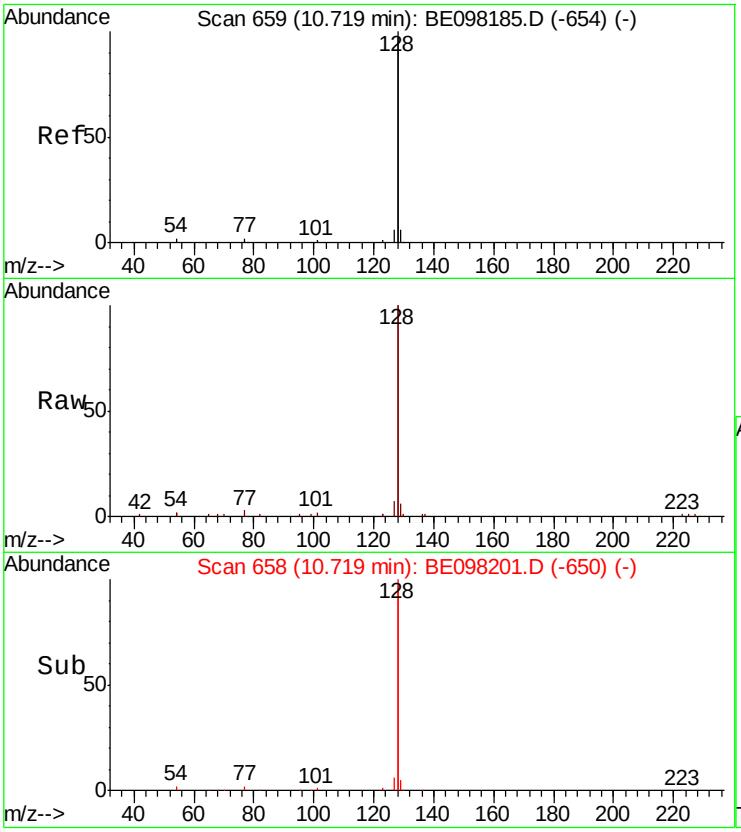


#8
Nitrobenzene-d5
Concen: 0.076 ng
RT: 9.02 min Scan# 527
Delta R.T. -0.00 min
Lab File: BE098201.D
Acq: 12 Nov 2018 22:32

Tgt Ion: 82 Resp: 297

Ion	Ratio	Lower	Upper
82	100		
128	181.0	96.1	144.1#
54	325.0	232.0	348.0



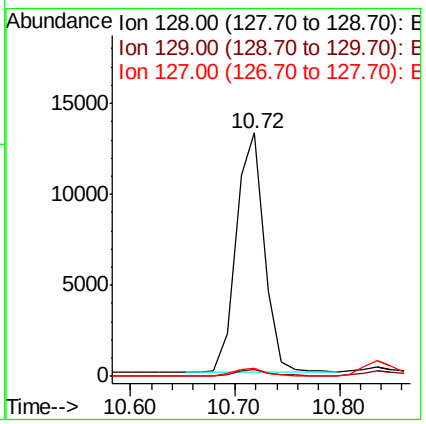


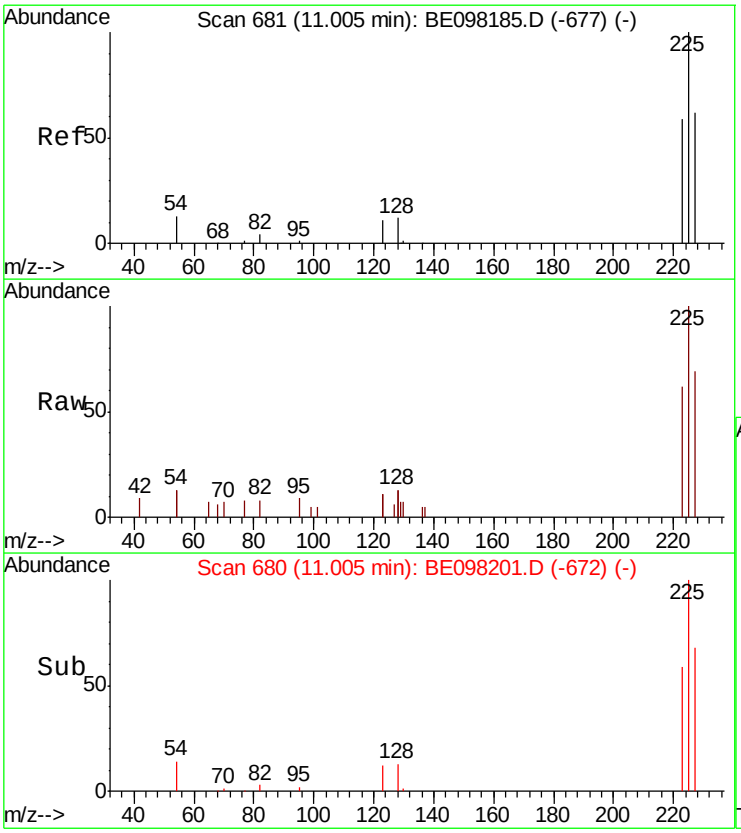
#9
Naphthalene
Concen: 0.618 ng
RT: 10.72 min Scan# 658
Delta R.T. -0.00 min
Lab File: BE098201.D
Acq: 12 Nov 2018 22:32

Instrument :
BNA_E
ClientSampleId :
PB114718BS

Tgt Ion:128 Resp: 24765

Ion	Ratio	Lower	Upper
128	100		
129	2.9	2.6	4.0
127	3.6	2.8	4.2

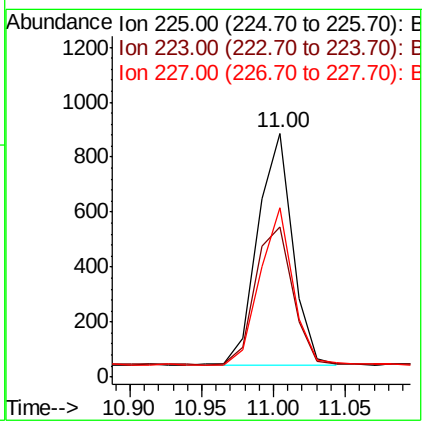


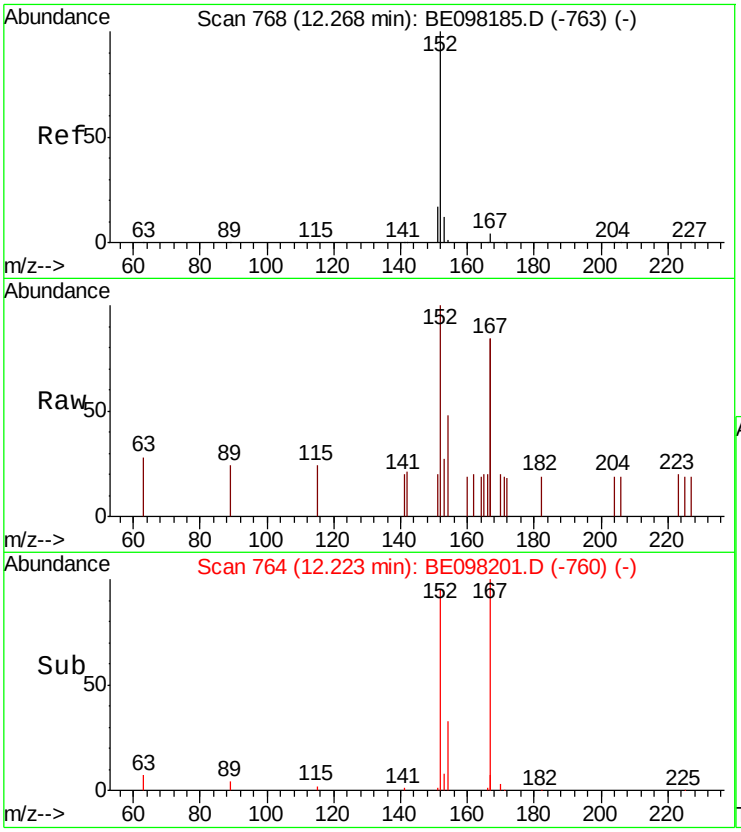


#10
Hexachlorobutadiene
Concen: 0.565 ng
RT: 11.00 min Scan# 680
Delta R.T. -0.00 min
Lab File: BE098201.D
Acq: 12 Nov 2018 22:32

Tgt Ion:225 Resp: 1408

Ion	Ratio	Lower	Upper
225	100		
223	65.3	50.5	75.7
227	64.9	50.3	75.5



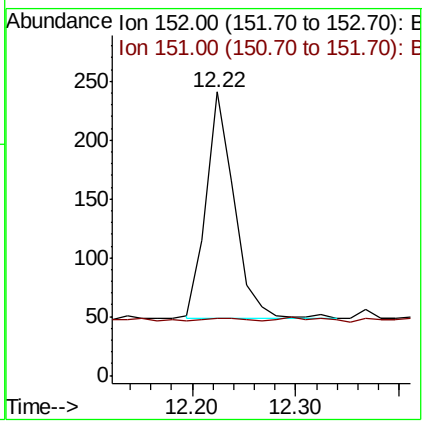


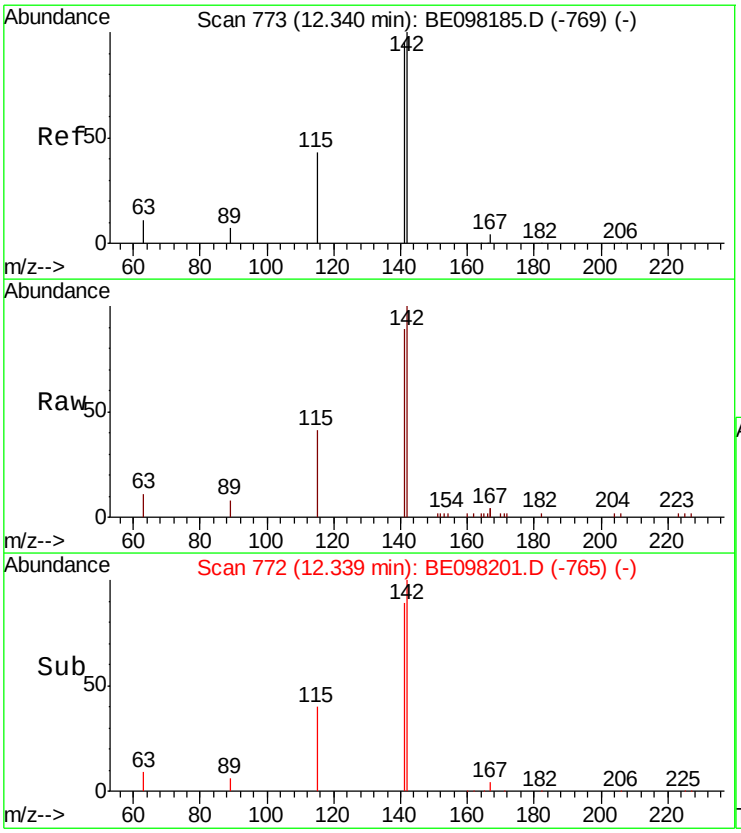
#11
2-Methylnaphthalene-d10
Concen: 0.054 ng
RT: 12.22 min Scan# 764
Delta R.T. -0.04 min
Lab File: BE098201.D
Acq: 12 Nov 2018 22:32

Instrument :
BNA_E
ClientSampleId :
PB114718BS

Tgt Ion:152 Resp: 370

Ion	Ratio	Lower	Upper
152	100		
151	1.4	15.4	23.2#

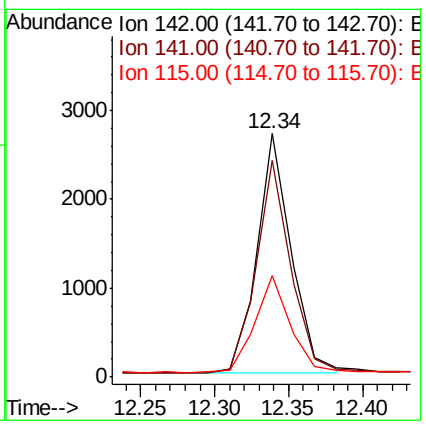


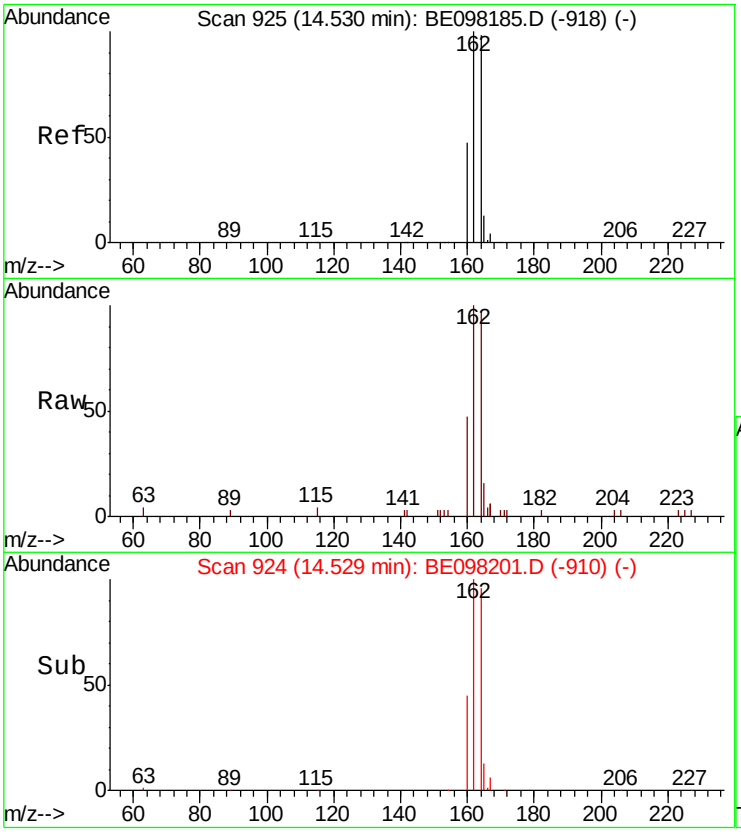


#12
2-Methylnaphthalene
Concen: 0.616 ng
RT: 12.34 min Scan# 772
Delta R.T. -0.00 min
Lab File: BE098201.D
Acq: 12 Nov 2018 22:32

Tgt Ion:142 Resp: 4282

Ion	Ratio	Lower	Upper
142	100		
141	89.0	76.3	114.5
115	41.5	35.8	53.8



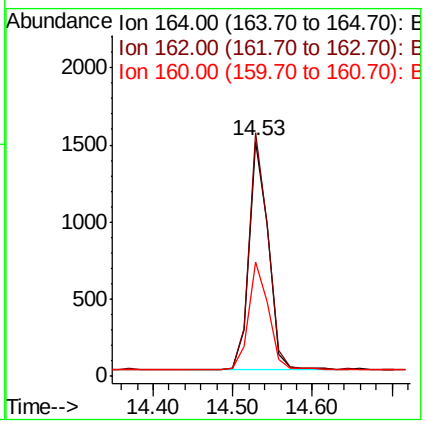


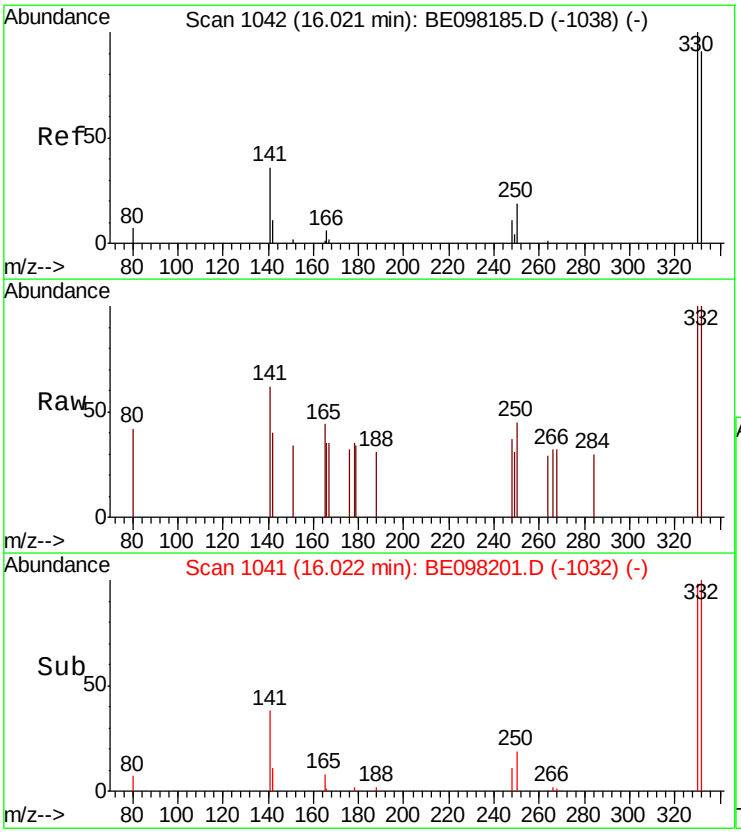
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.53 min Scan# 924
Delta R.T. -0.00 min
Lab File: BE098201.D
Acq: 12 Nov 2018 22:32

Instrument :
BNA_E
ClientSampleId :
PB114718BS

Tgt Ion:164 Resp: 2434

Ion	Ratio	Lower	Upper
164	100		
162	103.5	81.8	122.6
160	48.8	39.4	59.0

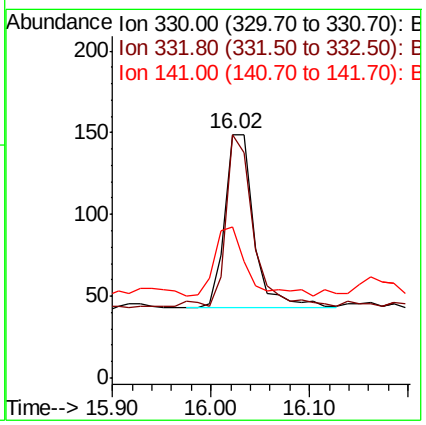


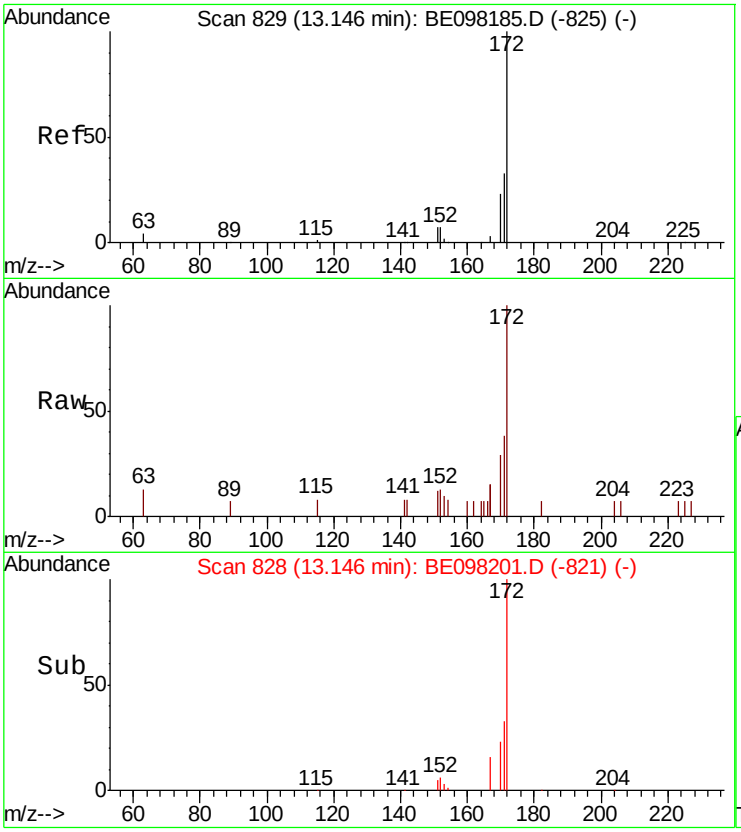


#14
2,4,6-Tribromophenol
Concen: 0.205 ng
RT: 16.02 min Scan# 1041
Delta R.T. 0.00 min
Lab File: BE098201.D
Acq: 12 Nov 2018 22:32

Tgt Ion:330 Resp: 218

Ion	Ratio	Lower	Upper
330	100		
332	94.0	77.7	116.5
141	43.1	33.6	50.4



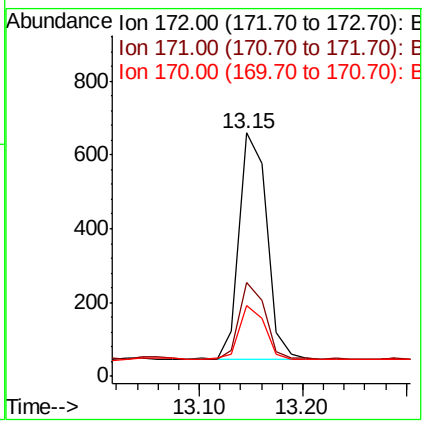


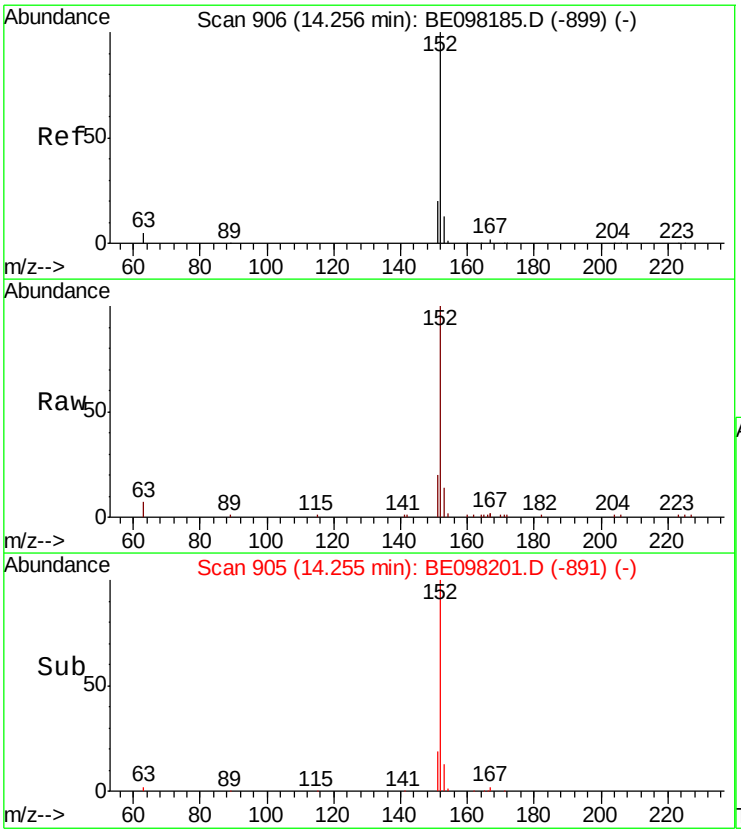
#15
2-Fluorobiphenyl
Concen: 0.113 ng
RT: 13.15 min Scan# 828
Delta R.T. -0.00 min
Lab File: BE098201.D
Acq: 12 Nov 2018 22:32

Instrument :
BNA_E
ClientSampleId :
PB114718BS

Tgt Ion:172 Resp: 1150

Ion	Ratio	Lower	Upper
172	100		
171	38.5	27.3	40.9
170	29.1	19.4	29.0#

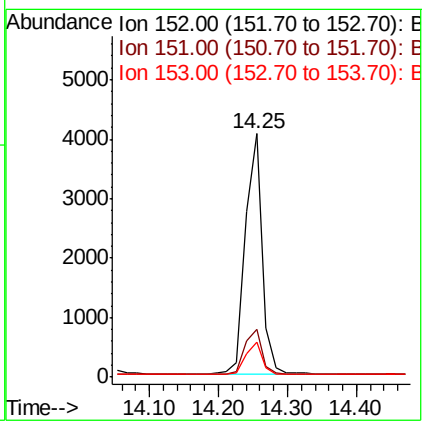


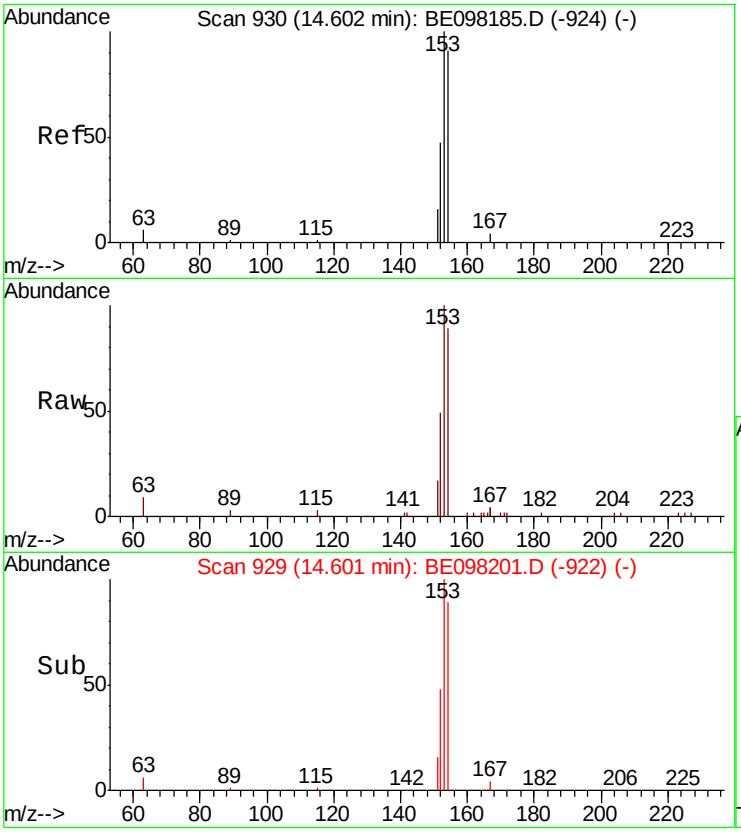


#16
Acenaphthylene
Concen: 0.625 ng
RT: 14.25 min Scan# 905
Delta R.T. -0.00 min
Lab File: BE098201.D
Acq: 12 Nov 2018 22:32

Tgt Ion:152 Resp: 6975

Ion	Ratio	Lower	Upper
152	100		
151	19.5	16.4	24.6
153	13.1	10.6	15.8



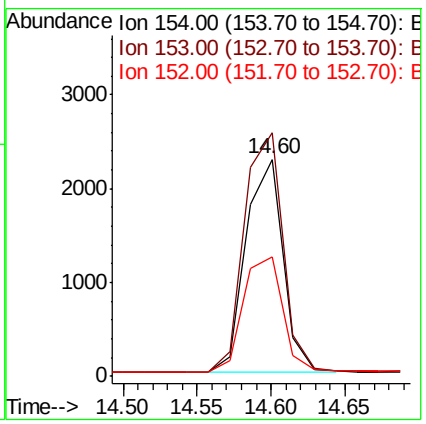


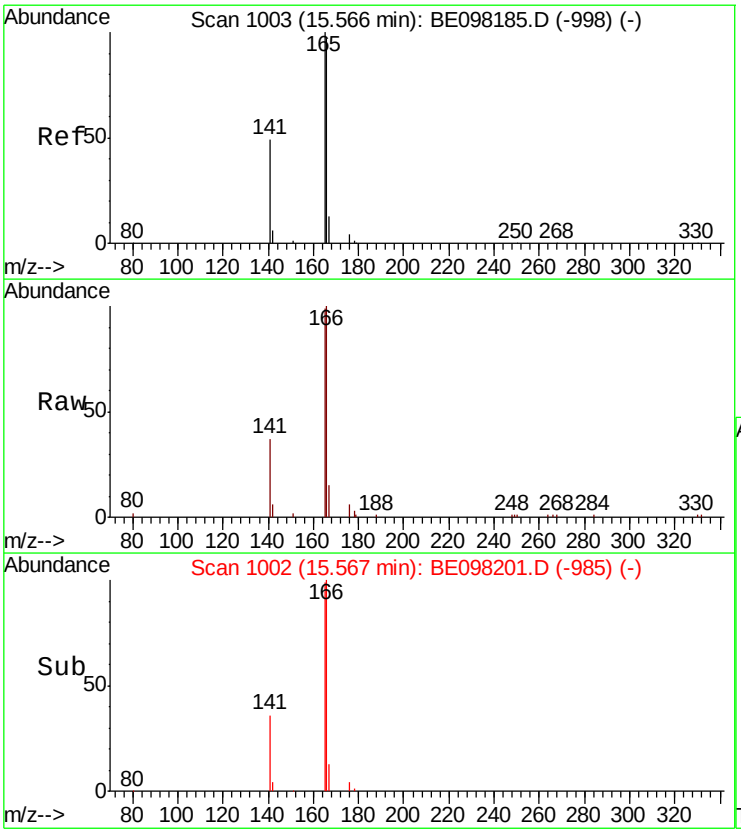
#17
Acenaphthene
Concen: 0.582 ng
RT: 14.60 min Scan# 929
Delta R.T. -0.00 min
Lab File: BE098201.D
Acq: 12 Nov 2018 22:32

Instrument :
BNA_E
ClientSampleId :
PB114718BS

Tgt Ion:154 Resp: 3963

Ion	Ratio	Lower	Upper
154	100		
153	117.5	92.1	138.1
152	57.4	46.2	69.2

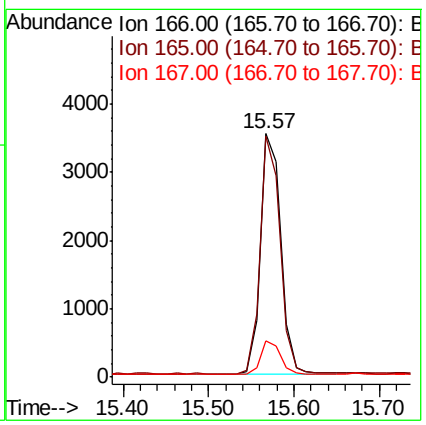


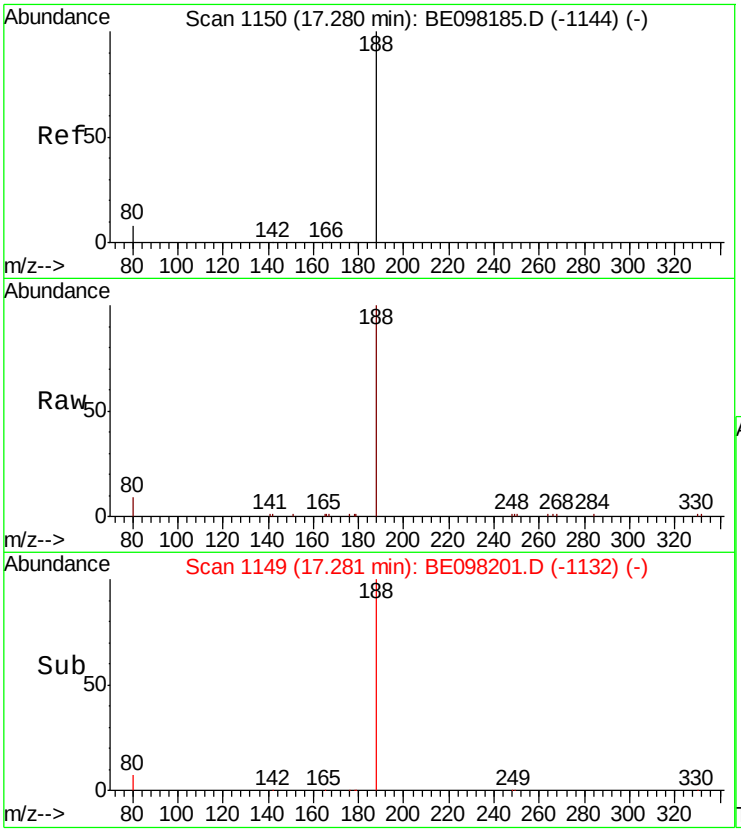


#18
Fluorene
Concen: 0.672 ng
RT: 15.57 min Scan# 1002
Delta R.T. 0.00 min
Lab File: BE098201.D
Acq: 12 Nov 2018 22:32

Tgt Ion:166 Resp: 5861

Ion	Ratio	Lower	Upper
166	100		
165	97.0	80.1	120.1
167	13.4	10.8	16.2



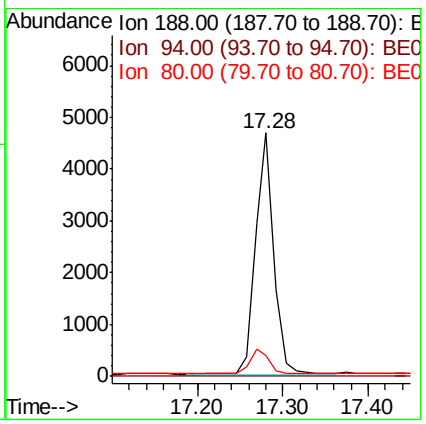


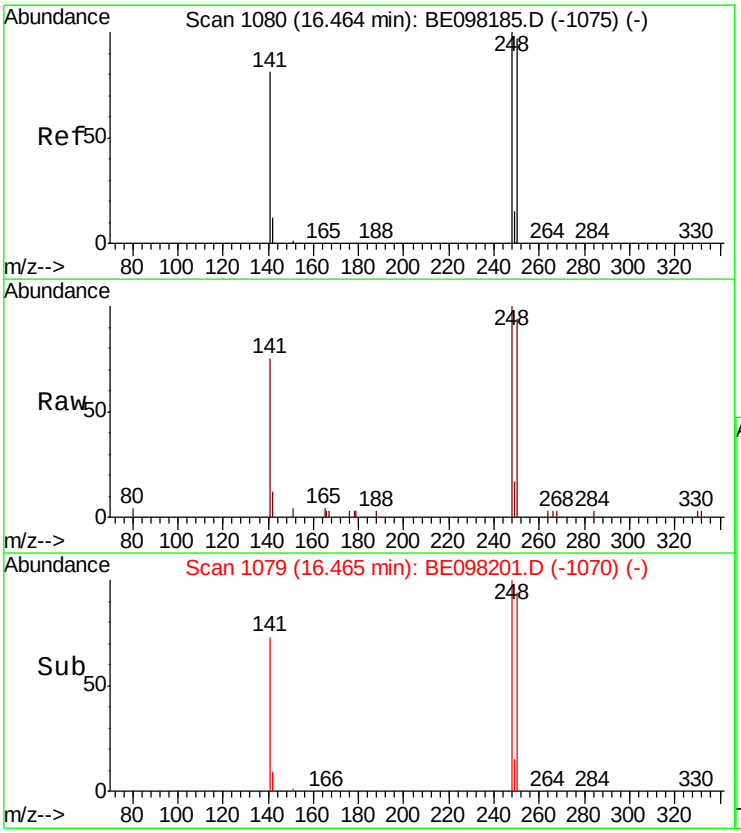
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.28 min Scan# 1149
Delta R.T. 0.00 min
Lab File: BE098201.D
Acq: 12 Nov 2018 22:32

Instrument :
BNA_E
ClientSampleId :
PB114718BS

Tgt Ion:188 Resp: 6909

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	8.5	6.7	10.1

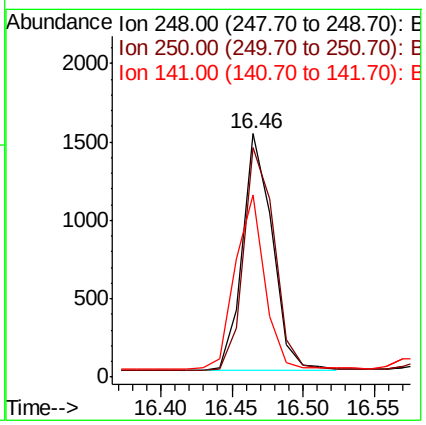


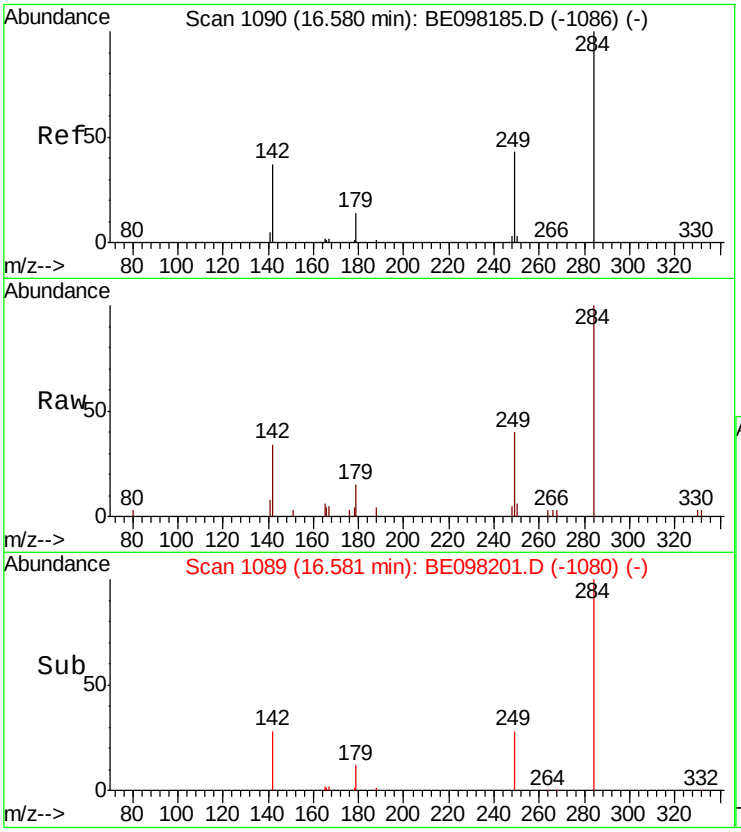


#20
4-Bromophenyl-phenylether
Concen: 0.522 ng
RT: 16.46 min Scan# 1079
Delta R.T. 0.00 min
Lab File: BE098201.D
Acq: 12 Nov 2018 22:32

Tgt Ion:248 Resp: 2199

Ion	Ratio	Lower	Upper
248	100		
250	94.1	77.6	116.4
141	74.6	65.8	98.8



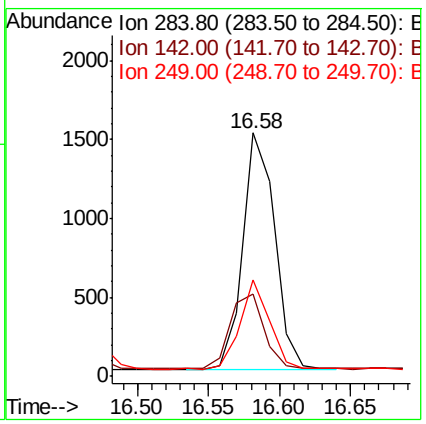


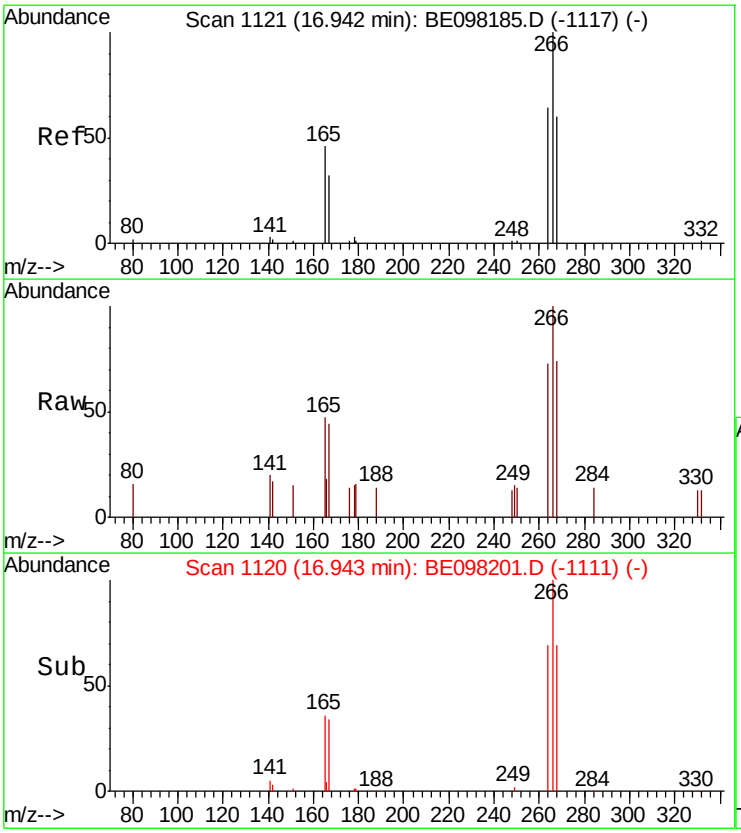
#21
Hexachlorobenzene
Concen: 0.532 ng
RT: 16.58 min Scan# 1089
Delta R.T. 0.00 min
Lab File: BE098201.D
Acq: 12 Nov 2018 22:32

Instrument :
BNA_E
ClientSampleId :
PB114718BS

Tgt Ion:284 Resp: 2330

Ion	Ratio	Lower	Upper
284	100		
142	33.7	26.5	39.7
249	34.9	28.4	42.6

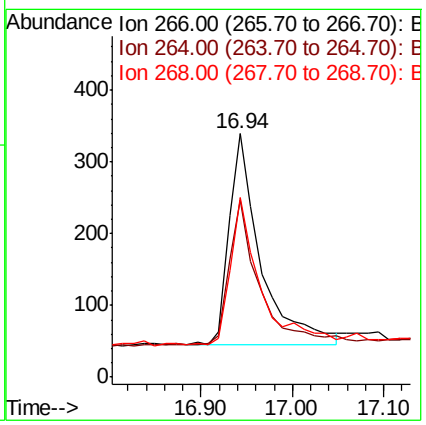


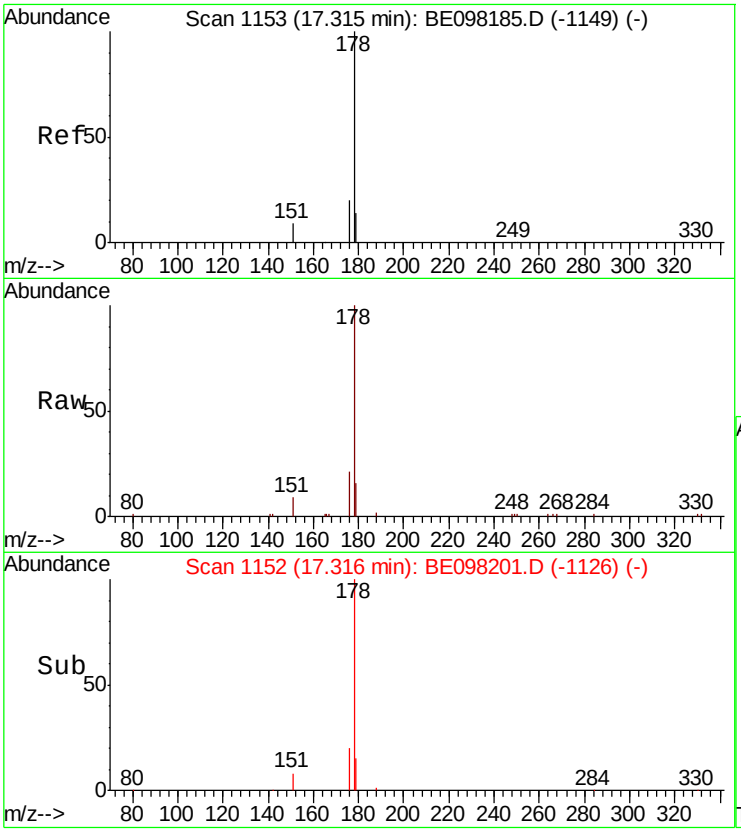


#22
Pentachlorophenol
Concen: 0.796 ng
RT: 16.94 min Scan# 1120
Delta R.T. 0.00 min
Lab File: BE098201.D
Acq: 12 Nov 2018 22:32

Tgt Ion:266 Resp: 699

Ion	Ratio	Lower	Upper
266	100		
264	72.6	57.6	86.4
268	74.0	56.8	85.2



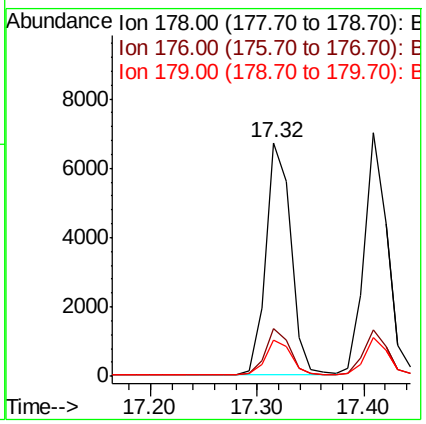


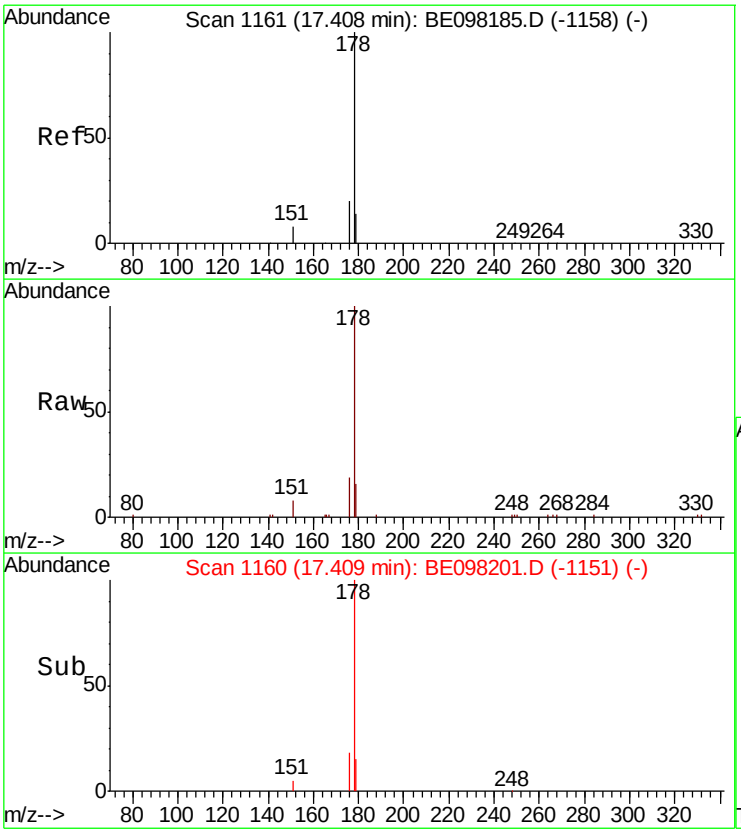
#23
Phenanthrene
Concen: 0.634 ng
RT: 17.32 min Scan# 1152
Delta R.T. 0.00 min
Lab File: BE098201.D
Acq: 12 Nov 2018 22:32

Instrument :
BNA_E
ClientSampleId :
PB114718BS

Tgt Ion:178 Resp: 10918

Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.8	23.8
179	15.0	12.3	18.5

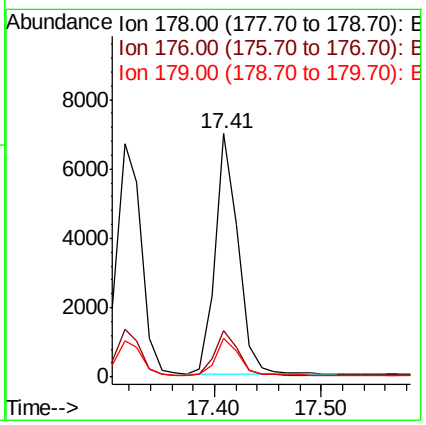


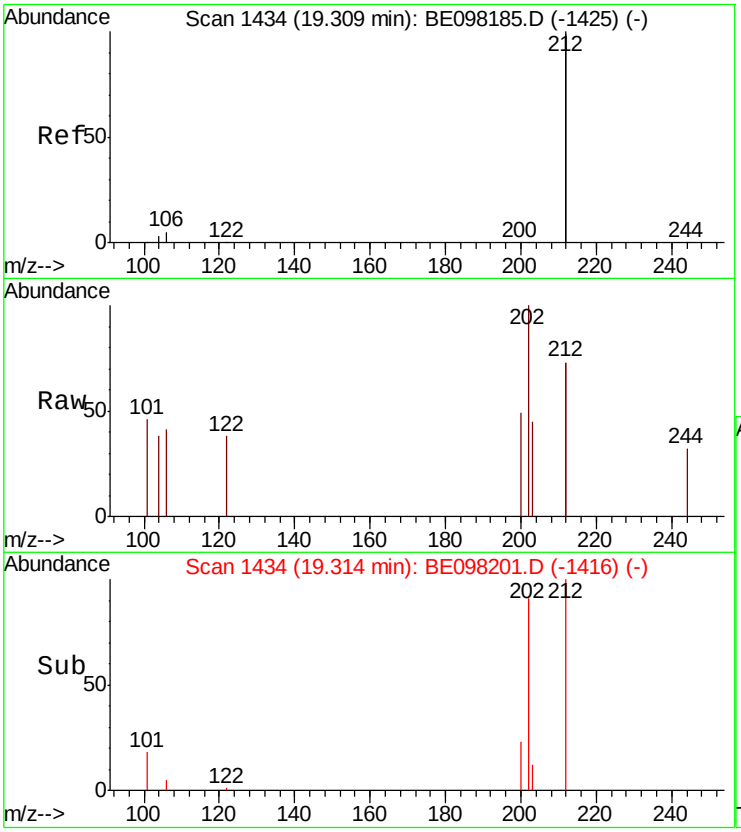


#24
Anthracene
Concen: 0.651 ng
RT: 17.41 min Scan# 1160
Delta R.T. 0.00 min
Lab File: BE098201.D
Acq: 12 Nov 2018 22:32

Tgt Ion:178 Resp: 10438

Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.7	23.5
179	15.1	12.1	18.1



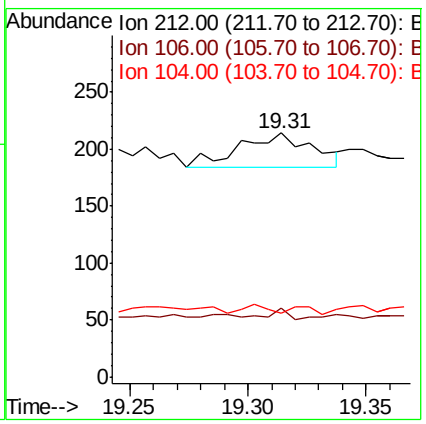


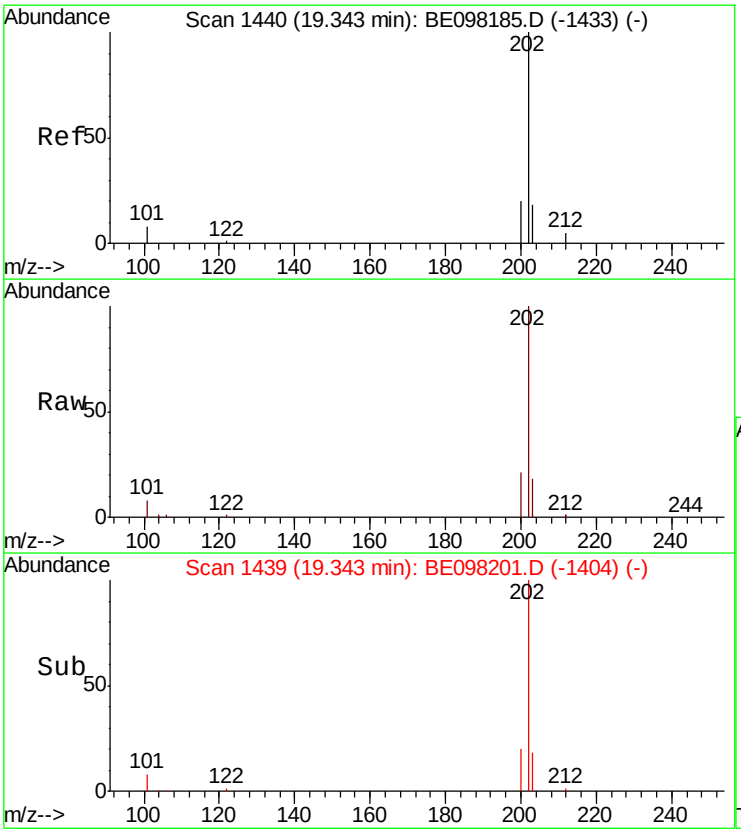
#25
Fluoranthene-d10
Concen: 0.001 ng
RT: 19.31 min Scan# 1434
Delta R.T. 0.01 min
Lab File: BE098201.D
Acq: 12 Nov 2018 22:32

Instrument :
BNA_E
ClientSampleId :
PB114718BS

Tgt Ion:212 Resp: 65

Ion	Ratio	Lower	Upper
212	100		
106	4.6	1.8	2.8#
104	7.7	1.1	1.7#

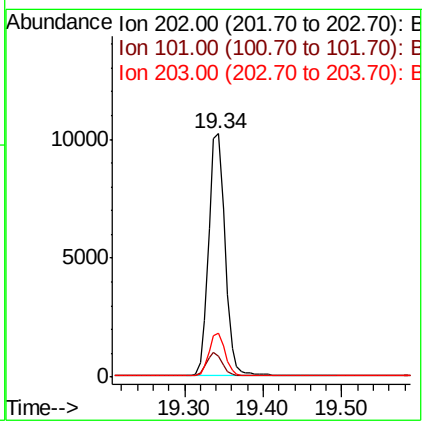


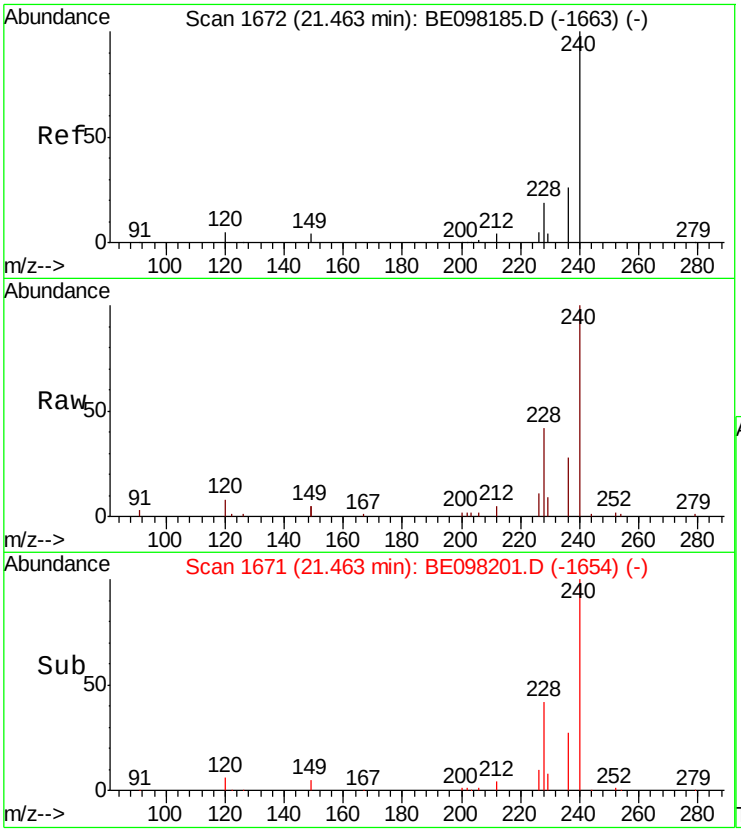


#26
Fluoranthene
Concen: 0.684 ng
RT: 19.34 min Scan# 1439
Delta R.T. -0.00 min
Lab File: BE098201.D
Acq: 12 Nov 2018 22:32

Tgt Ion:202 Resp: 14580

Ion	Ratio	Lower	Upper
202	100		
101	9.2	7.0	10.6
203	17.2	13.7	20.5



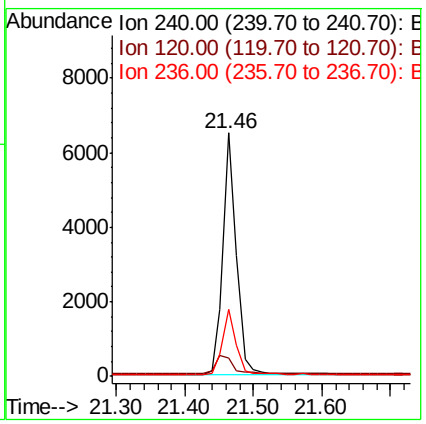


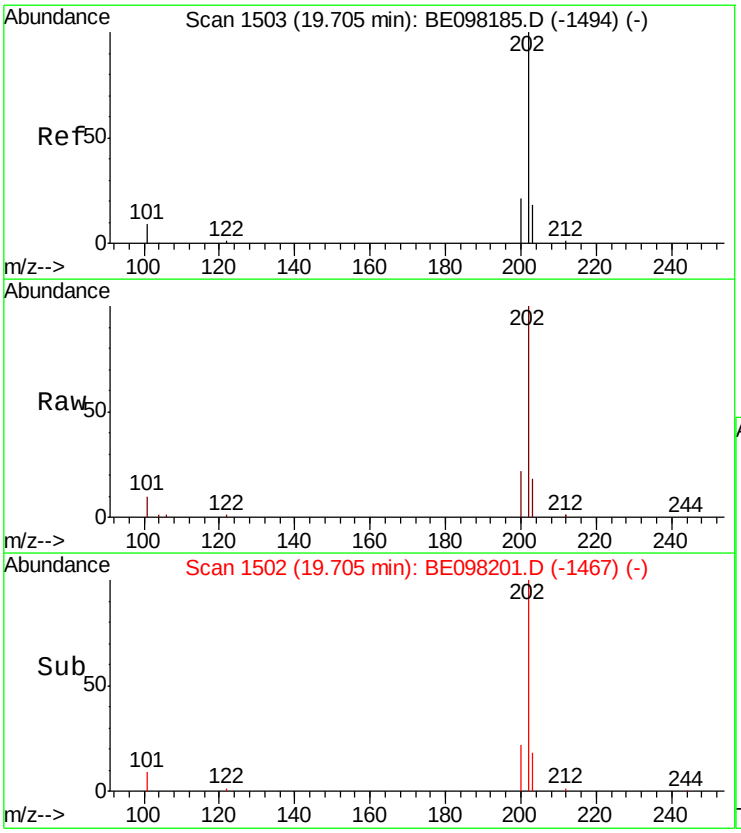
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.46 min Scan# 1671
Delta R.T. -0.00 min
Lab File: BE098201.D
Acq: 12 Nov 2018 22:32

Instrument :
BNA_E
ClientSampleId :
PB114718BS

Tgt Ion:240 Resp: 8891

Ion	Ratio	Lower	Upper
240	100		
120	7.6	4.8	7.2#
236	27.7	21.4	32.0

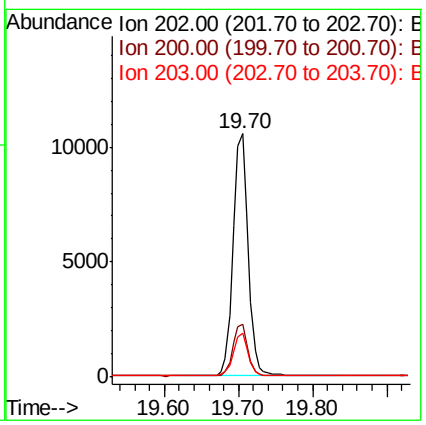


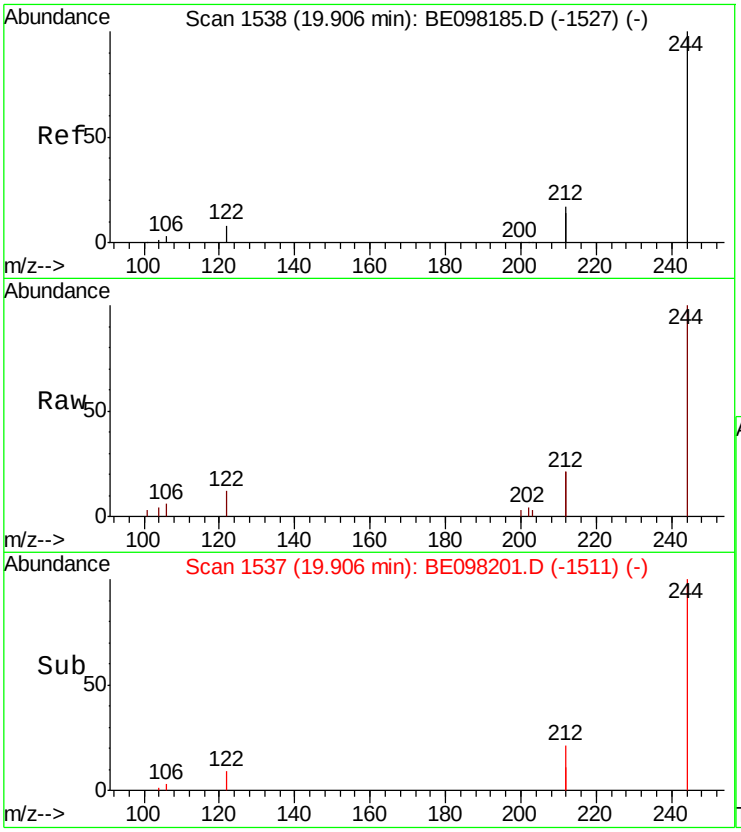


#28
Pyrene
Concen: 0.610 ng
RT: 19.70 min Scan# 1502
Delta R.T. -0.00 min
Lab File: BE098201.D
Acq: 12 Nov 2018 22:32

Tgt Ion:202 Resp: 14920

Ion	Ratio	Lower	Upper
202	100		
200	21.4	17.2	25.8
203	17.6	14.2	21.4



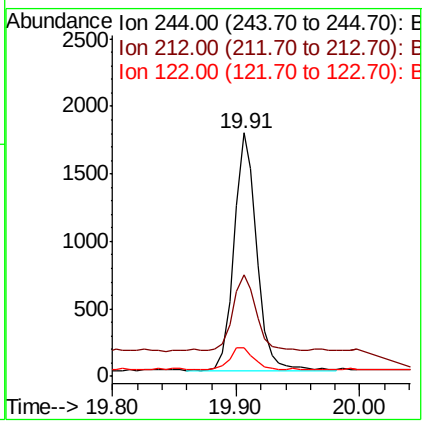


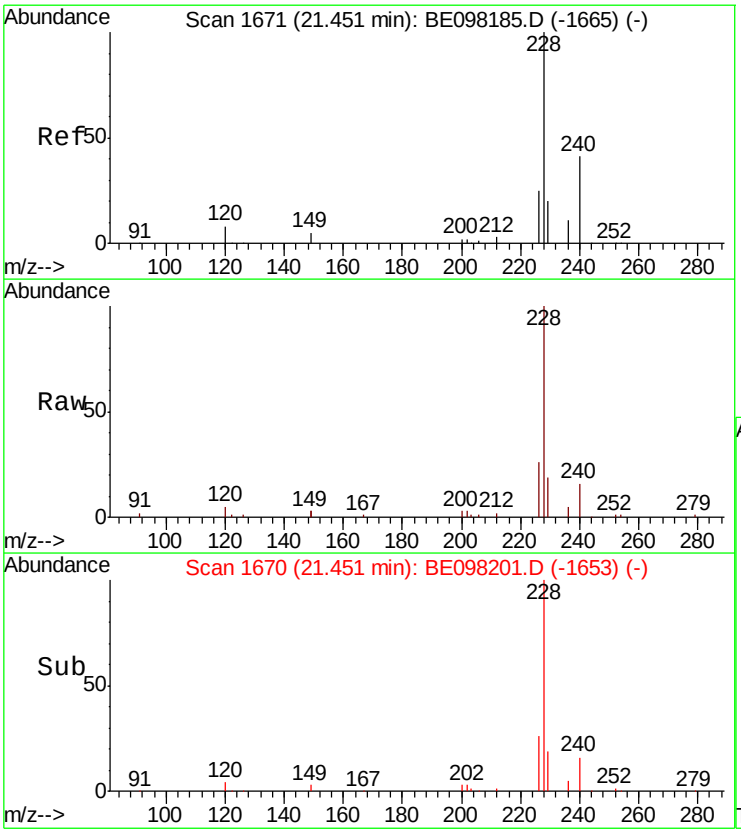
#29
Terphenyl-d14
Concen: 0.111 ng
RT: 19.91 min Scan# 1537
Delta R.T. -0.00 min
Lab File: BE098201.D
Acq: 12 Nov 2018 22:32

Instrument :
BNA_E
ClientSampleId :
PB114718BS

Tgt Ion:244 Resp: 2247

Ion	Ratio	Lower	Upper
244	100		
212	41.8	26.8	40.2#
122	11.6	7.0	10.6#

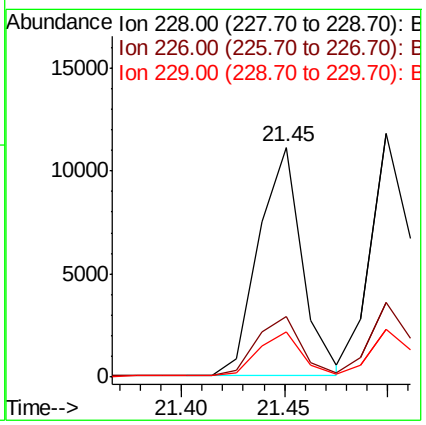


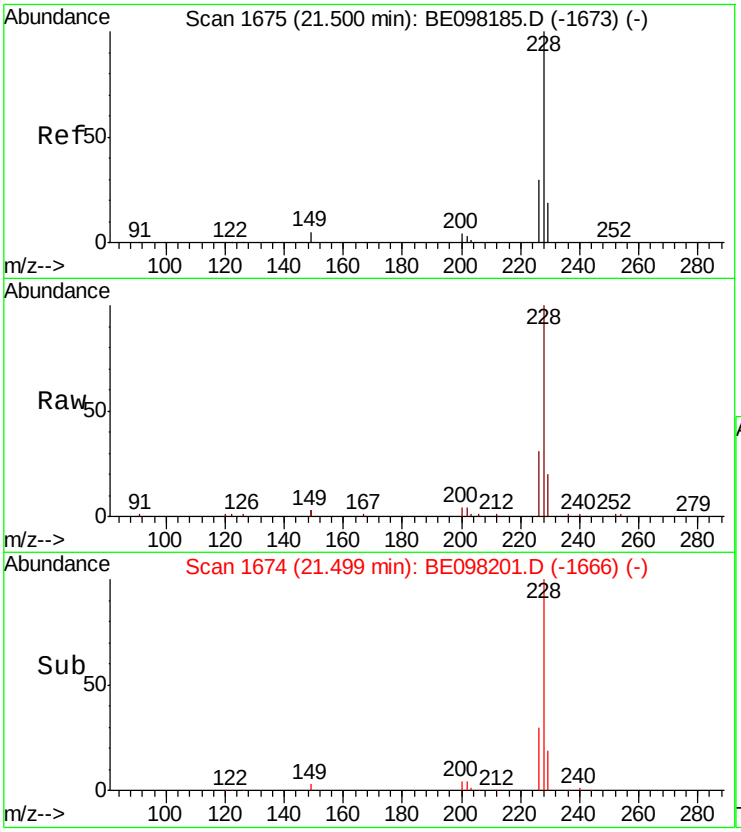


#30
Benzo(a)anthracene
Concen: 0.651 ng
RT: 21.45 min Scan# 1670
Delta R.T. -0.00 min
Lab File: BE098201.D
Acq: 12 Nov 2018 22:32

Tgt Ion:228 Resp: 16437

Ion	Ratio	Lower	Upper
228	100		
226	26.4	20.7	31.1
229	19.4	16.2	24.4



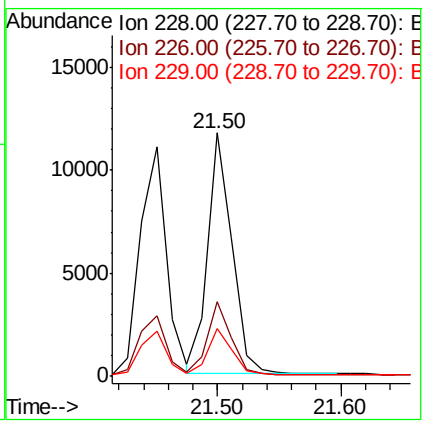


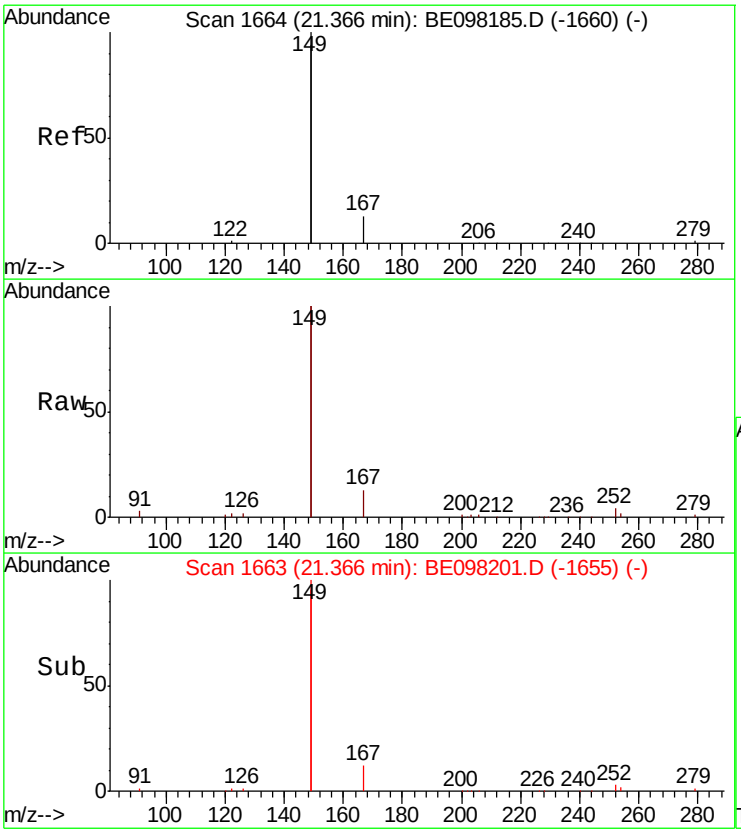
#31
Chrysene
Concen: 0.630 ng
RT: 21.50 min Scan# 1674
Delta R.T. -0.00 min
Lab File: BE098201.D
Acq: 12 Nov 2018 22:32

Instrument :
BNA_E
ClientSampleId :
PB114718BS

Tgt Ion:228 Resp: 16164

Ion	Ratio	Lower	Upper
228	100		
226	30.7	24.6	36.8
229	19.7	16.0	24.0

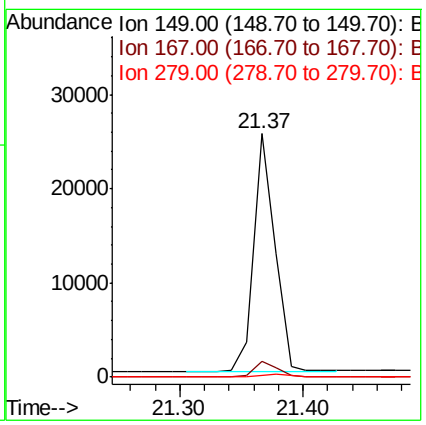


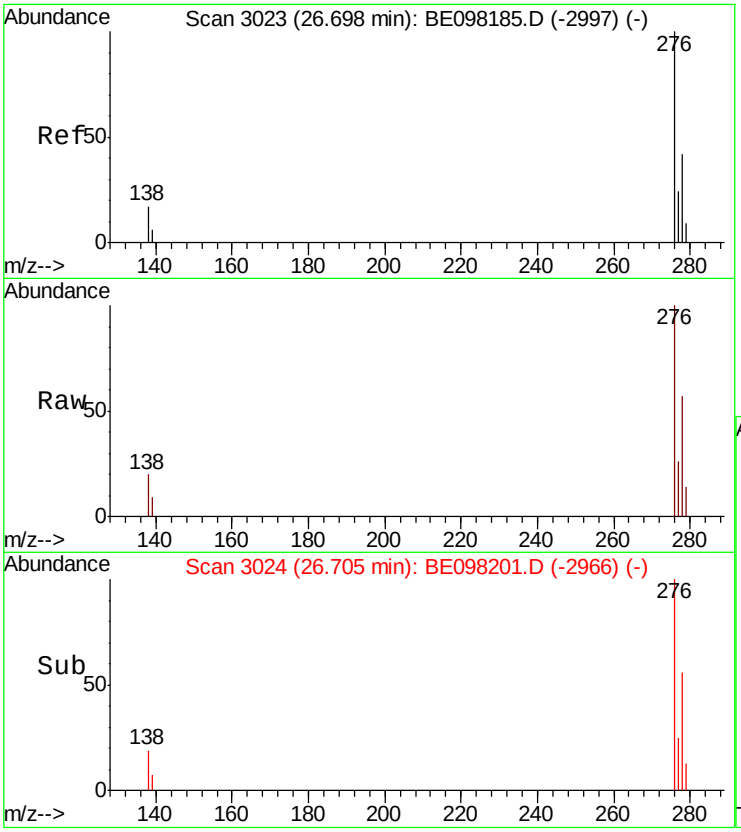


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.587 ng
RT: 21.37 min Scan# 1663
Delta R.T. -0.00 min
Lab File: BE098201.D
Acq: 12 Nov 2018 22:32

Tgt Ion:149 Resp: 30800

Ion	Ratio	Lower	Upper
149	100		
167	6.7	5.6	8.4
279	1.1	0.9	1.3



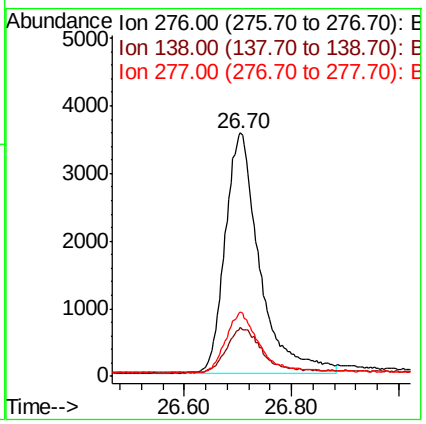


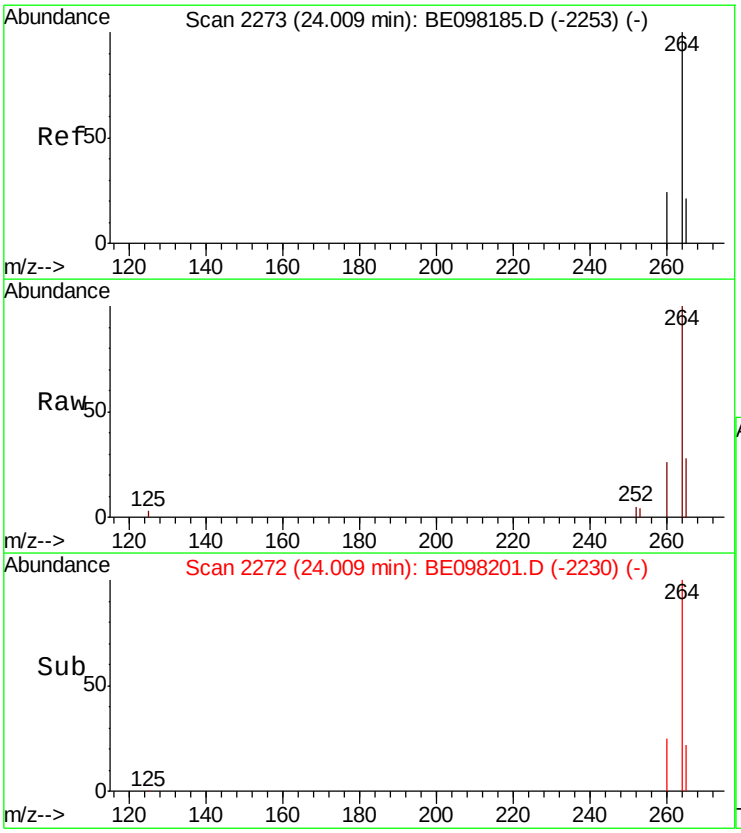
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.671 ng
RT: 26.70 min Scan# 3024
Delta R.T. 0.01 min
Lab File: BE098201.D
Acq: 12 Nov 2018 22:32

Instrument :
BNA_E
ClientSampleId :
PB114718BS

Tgt Ion:276 Resp: 15781

Ion	Ratio	Lower	Upper
276	100		
138	18.5	6.4	9.6#
277	24.5	18.9	28.3

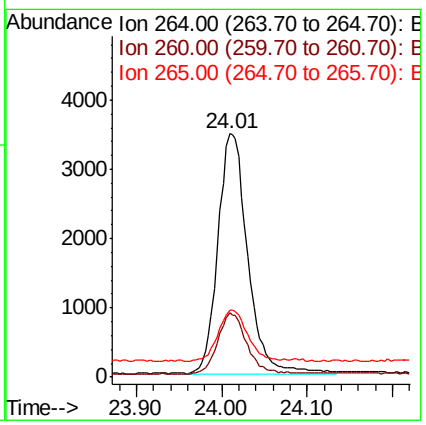


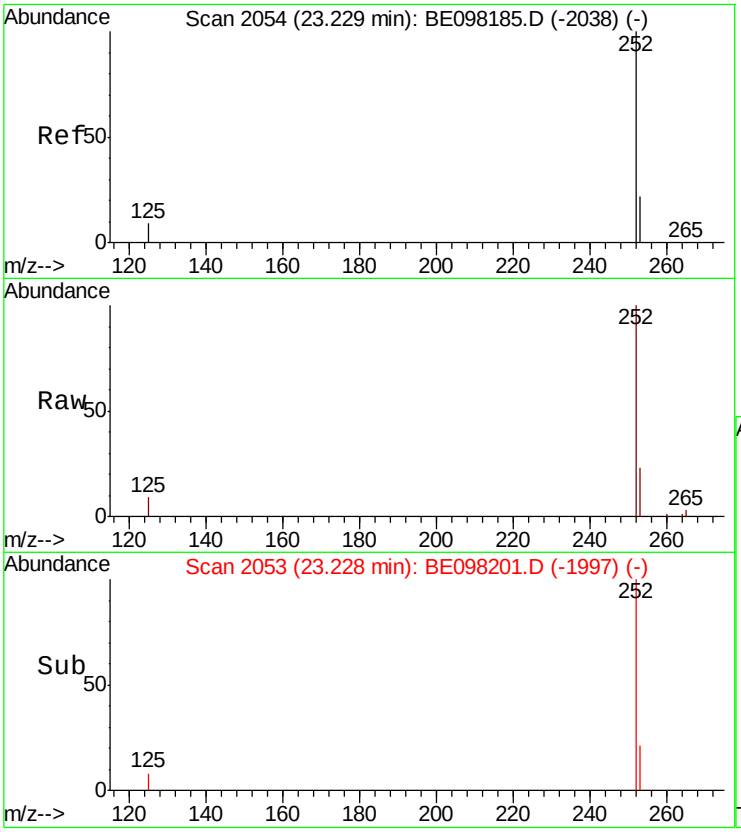


#34
Perylene-d12
Concen: 0.400 ng
RT: 24.01 min Scan# 2272
Delta R.T. -0.00 min
Lab File: BE098201.D
Acq: 12 Nov 2018 22:32

Tgt Ion:264 Resp: 8382

Ion	Ratio	Lower	Upper
264	100		
260	26.4	19.9	29.9
265	27.7	21.3	31.9



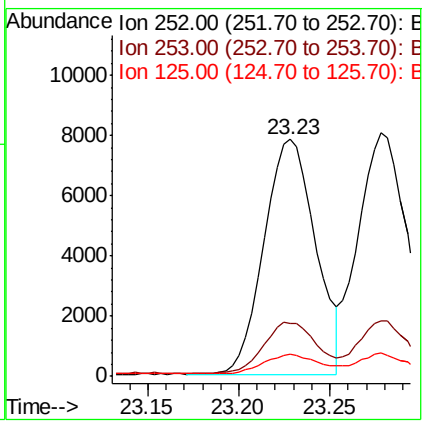


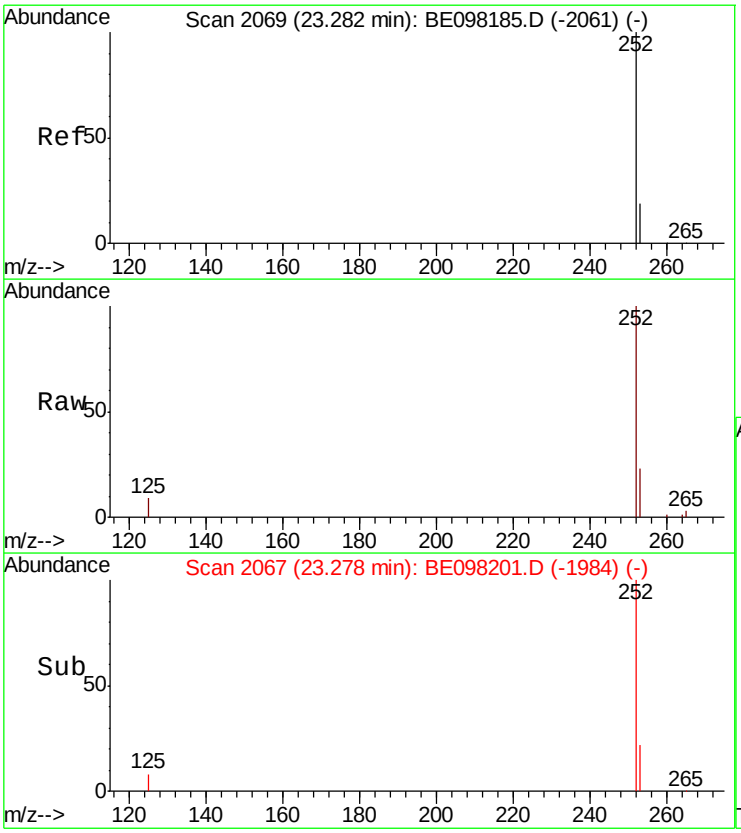
#35
Benzo(b)fluoranthene
Concen: 0.645 ng
RT: 23.23 min Scan# 2053
Delta R.T. -0.00 min
Lab File: BE098201.D
Acq: 12 Nov 2018 22:32

Instrument :
BNA_E
ClientSampleId :
PB114718BS

Tgt Ion:252 Resp: 15329

Ion	Ratio	Lower	Upper
252	100		
253	22.5	19.4	29.0
125	9.3	8.6	12.8

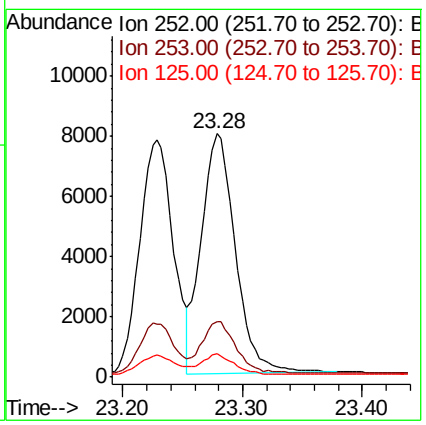


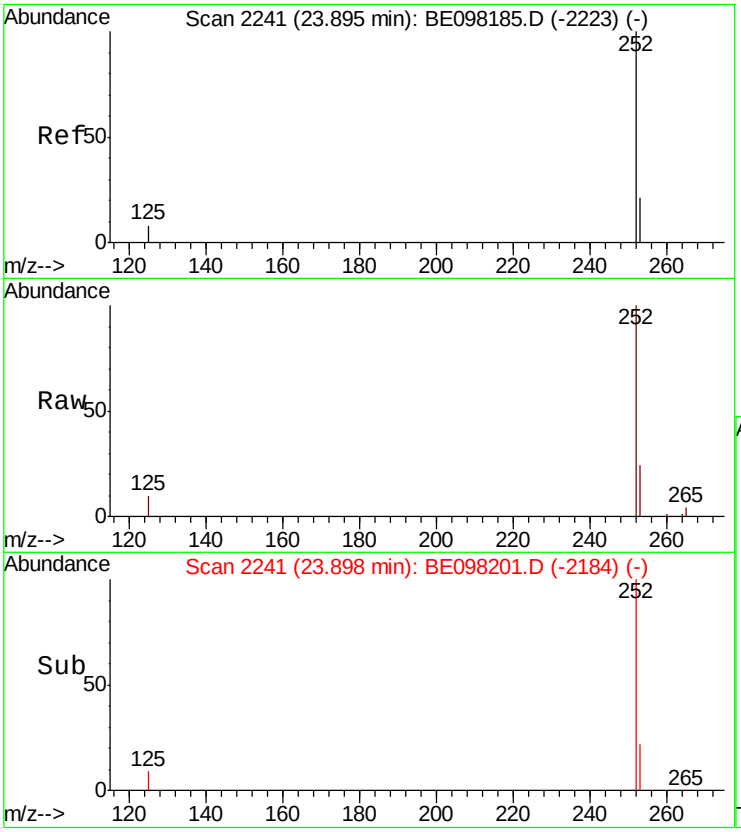


#36
Benzo(k)fluoranthene
Concen: 0.627 ng
RT: 23.28 min Scan# 2067
Delta R.T. -0.00 min
Lab File: BE098201.D
Acq: 12 Nov 2018 22:32

Tgt Ion:252 Resp: 15743

Ion	Ratio	Lower	Upper
252	100		
253	23.0	18.6	28.0
125	9.4	7.4	11.0



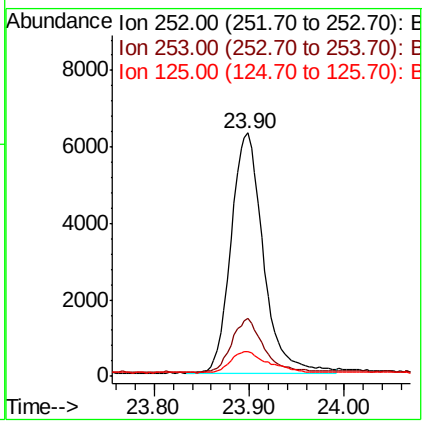


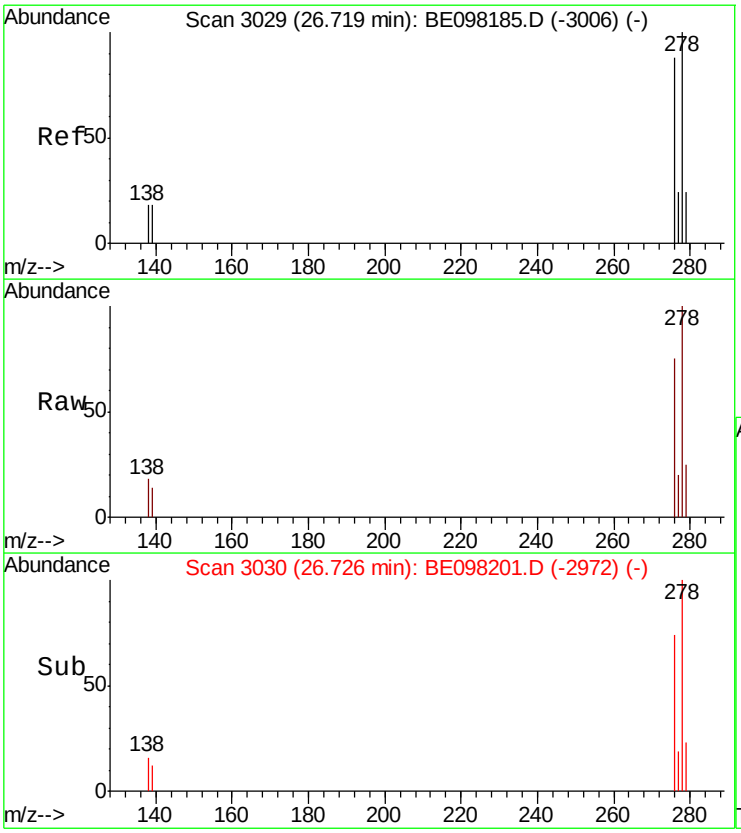
#37
Benzo(a)pyrene
Concen: 0.648 ng
RT: 23.90 min Scan# 2241
Delta R.T. 0.00 min
Lab File: BE098201.D
Acq: 12 Nov 2018 22:32

Instrument :
BNA_E
ClientSampleId :
PB114718BS

Tgt Ion:252 Resp: 14772

Ion	Ratio	Lower	Upper
252	100		
253	23.7	18.6	27.8
125	10.1	8.0	12.0

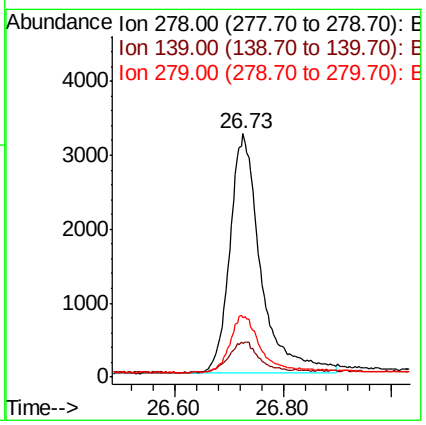


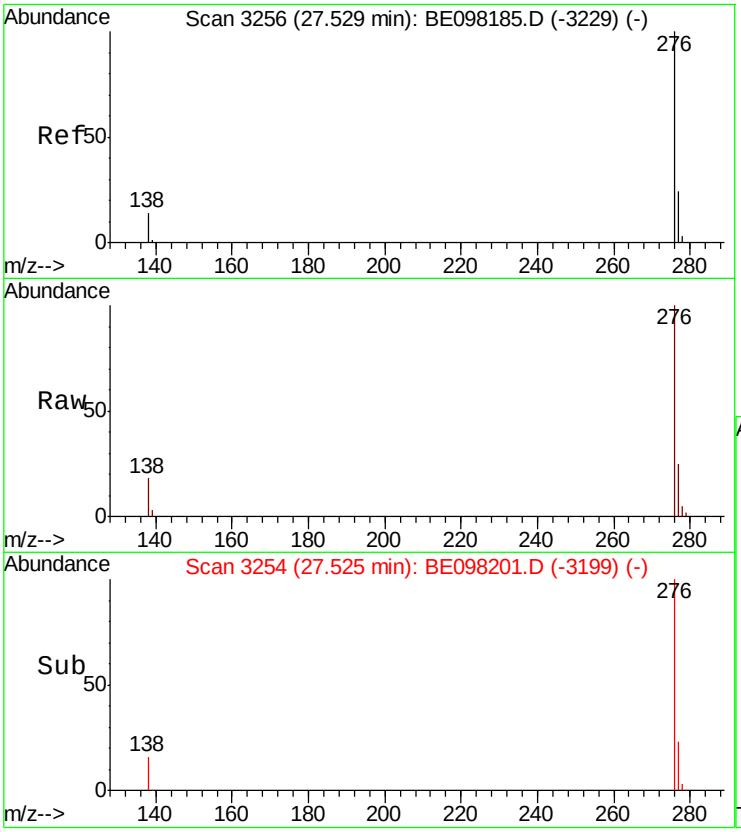


#38
Dibenzo(a,h)anthracene
Concen: 0.663 ng
RT: 26.73 min Scan# 3030
Delta R.T. 0.01 min
Lab File: BE098201.D
Acq: 12 Nov 2018 22:32

Tgt Ion:278 Resp: 12889

Ion	Ratio	Lower	Upper
278	100		
139	13.9	16.4	24.6#
279	24.5	21.3	31.9





#39
Benzo(g,h,i)perylene
Concen: 0.657 ng
RT: 27.52 min Scan# 3254
Delta R.T. -0.00 min
Lab File: BE098201.D
Acq: 12 Nov 2018 22:32

Instrument :
BNA_E
ClientSampleId :
PB114718BS

Tgt Ion:276 Resp: 13322

Ion	Ratio	Lower	Upper
276	100		
277	24.8	20.4	30.6
138	18.0	13.2	19.8