Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE121218\
Data File : BE098390.D
Acq On : 13 Dec 2018 10:47
Operator : SJ/JU
Sample : J6325-09MS
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId :

Quant Time: Dec 13 11:22:54 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE121018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 10 14:59:55 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.86	152	1009	0.40	ng		0.00
7) Naphthalene-d8	10.65	136	4117	0.40	ng		-0.01
13) Acenaphthene-d10	14.53	164	2536	0.40	ng		0.00
19) Phenanthrene-d10	17.27	188	6800	0.40	ng		-0.01
27) Chrysene-d12	21.46	240	8923	0.40	ng		0.00
34) Perylene-d12	24.00	264	8286	0.40	ng		-0.01
System Monitoring Compounds							
4) 2-Fluorophenol	5.46	112	529	0.22	ng		0.01
5) Phenol-d6	7.04	99	446	0.13	ng		0.00
8) Nitrobenzene-d5	9.03	82	1522	0.41	ng		0.01
11) 2-Methylnaphthalene-d10	12.27	152	3554	0.53	ng		0.00
14) 2,4,6-Tribromophenol	16.02	330	522	0.56	ng		0.00
15) 2-Fluorobiphenyl	13.15	172	4547	0.43	ng		0.00
25) Fluoranthene-d10	19.30	212	40596	0.47	ng		0.00
29) Terphenyl-d14	19.90	244	8019	0.37	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.37	88	12484	7.154	ng		99
3) n-Nitrosodimethylamine	3.69	42	276	0.176	ng	#	100
6) bis(2-Chloroethyl)ether	7.29	93	1146	0.361	ng		77
9) Naphthalene	10.71	128	22949	0.554	ng		100
10) Hexachlorobutadiene	10.99	225	1109	0.420	ng		99
12) 2-Methylnaphthalene	12.34	142	3852	0.572	ng		96
16) Acenaphthylene	14.24	152	7266	0.612	ng		98
17) Acenaphthene	14.59	154	4152	0.582	ng		96
18) Fluorene	15.57	166	6228	0.652	ng		99
20) 4-Bromophenyl-phenylether	16.46	248	1715	0.469	ng	#	84
21) Hexachlorobenzene	16.58	284	1747	0.444	ng		96
22) Pentachlorophenol	16.93	266	536	0.754	ng		89
23) Phenanthrene	17.31	178	11204	0.678	ng		100
24) Anthracene	17.41	178	9638	0.654	ng		99
26) Fluoranthene	19.33	202	16174	0.740	ng		99
28) Pyrene	19.69	202	16644	0.594	ng		99
30) Benzo(a)anthracene	21.44	228	17090	0.673	ng		100
31) Chrysene	21.50	228	16858	0.633	ng		100
32) Bis(2-ethylhexyl)phthalate	21.35	149	24056	0.466	ng		99
33) Indeno(1,2,3-cd)pyrene	26.69	276	16098	0.608	ng		99
35) Benzo(b)fluoranthene	23.27	252	18298	0.808	ng		95
36) Benzo(k)fluoranthene	23.27	252	18959	0.718	ng		97
37) Benzo(a)pyrene	23.89	252	16161	0.691	ng		97
38) Dibenzo(a,h)anthracene	26.71	278	13594	0.617	ng		99
39) Benzo(g,h,i)perylene	27.50	276	13089	0.590	ng		97

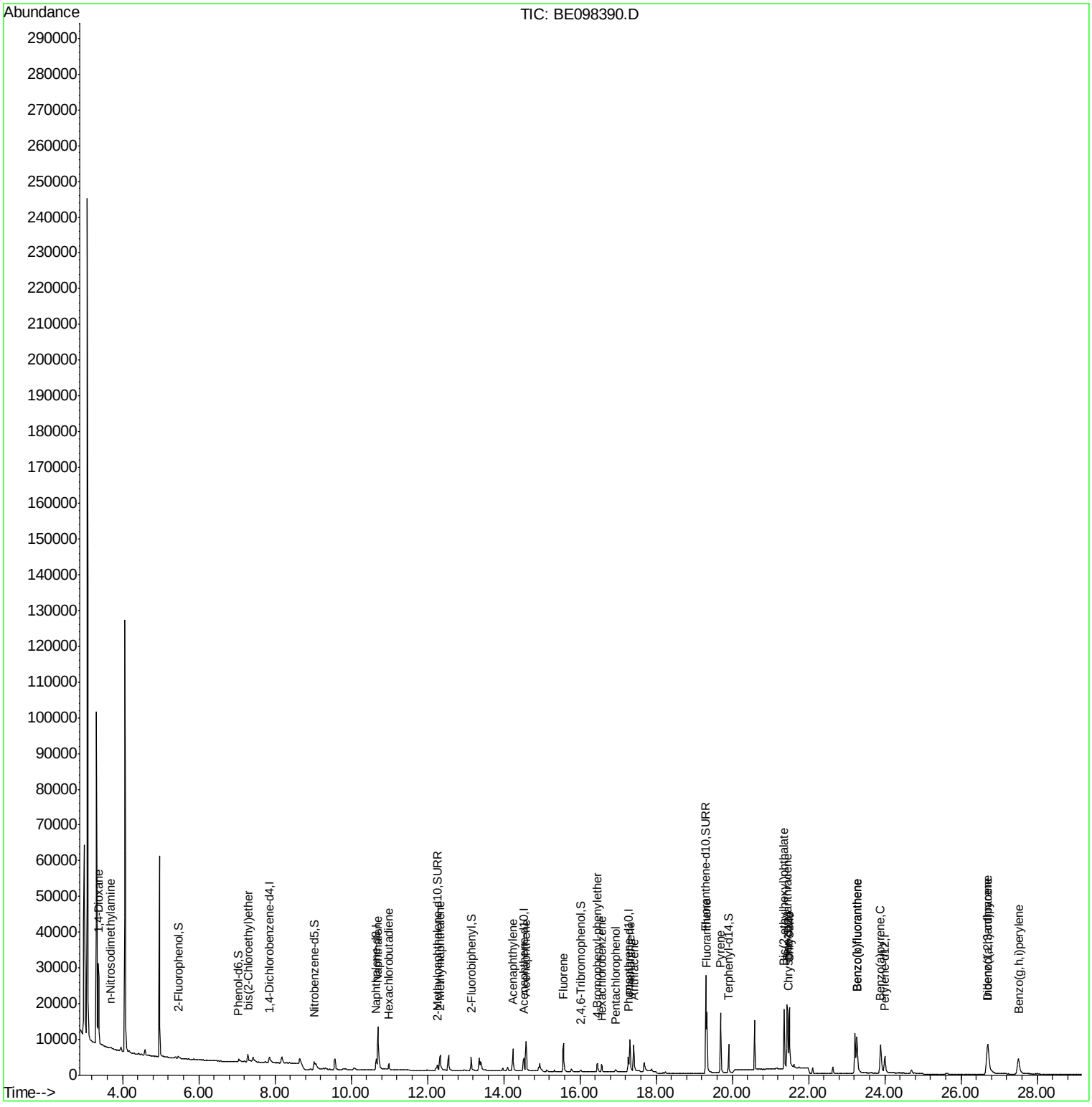
(#) = qualifier out of range (m) = manual integration (+) = signals summed

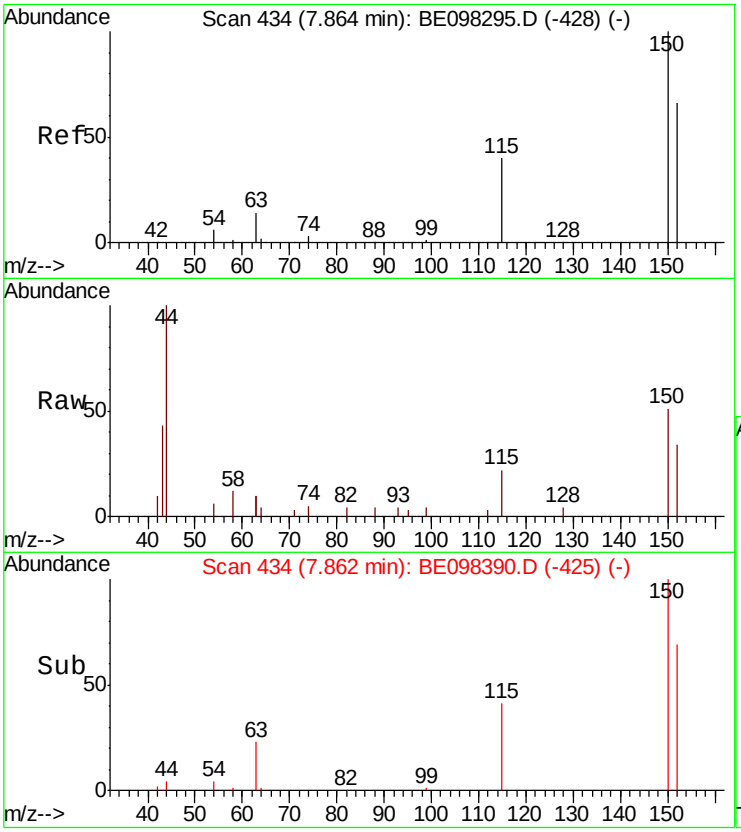
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE121218\
Data File : BE098390.D
Acq On : 13 Dec 2018 10:47
Operator : SJ/JU
Sample : J6325-09MS
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :

Quant Time: Dec 13 11:22:54 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE121018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 10 14:59:55 2018
Response via : Initial Calibration



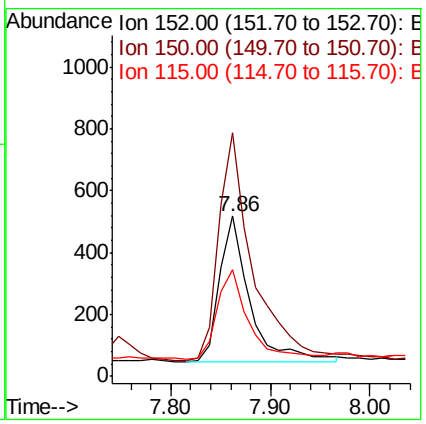


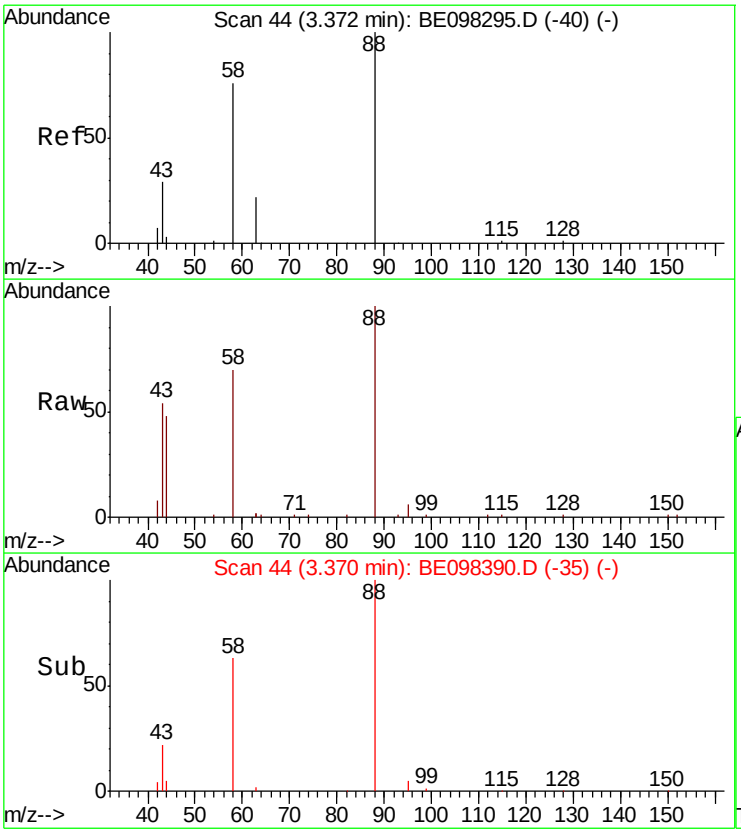
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.86 min Scan# 434
Delta R.T. -0.00 min
Lab File: BE098390.D
Acq: 13 Dec 2018 10:47

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 1009

Ion	Ratio	Lower	Upper
152	100		
150	151.9	124.2	186.4
115	66.2	53.9	80.9

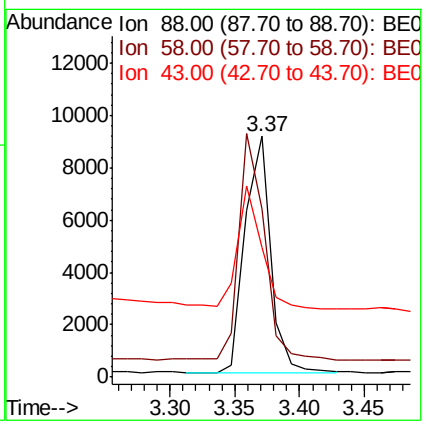


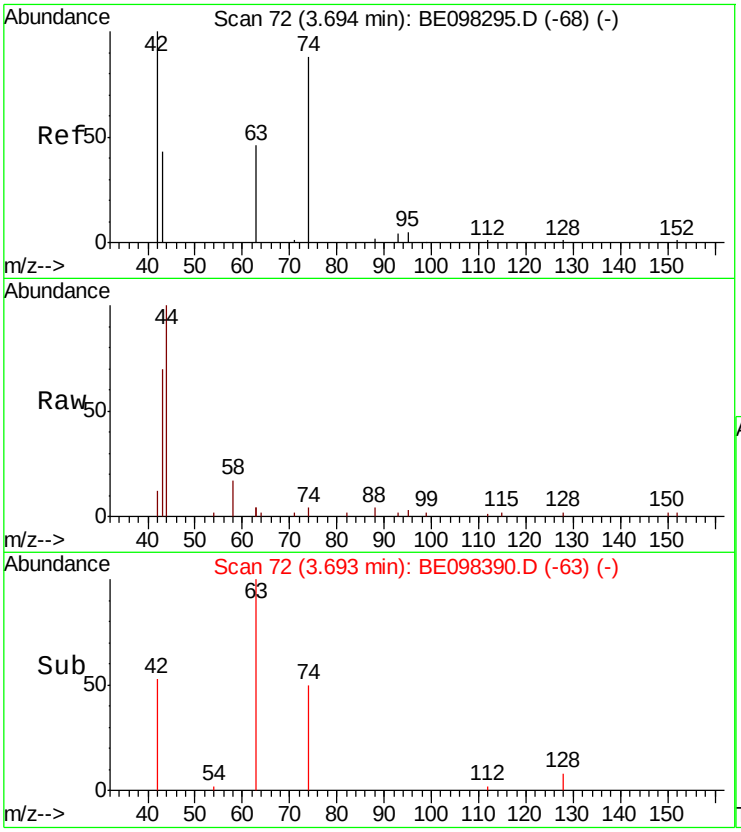


#2
1,4-Dioxane
Concen: 7.154 ng
RT: 3.37 min Scan# 44
Delta R.T. -0.00 min
Lab File: BE098390.D
Acq: 13 Dec 2018 10:47

Tgt Ion: 88 Resp: 12484

Ion	Ratio	Lower	Upper
88	100		
58	93.4	75.0	112.6
43	48.8	38.3	57.5



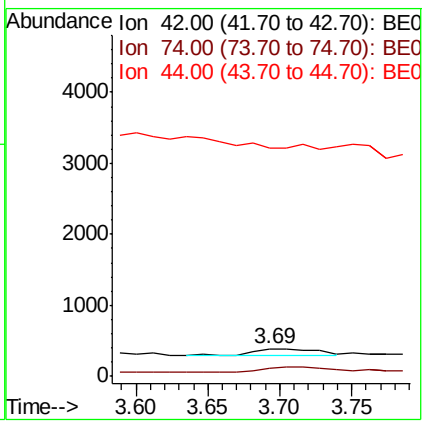


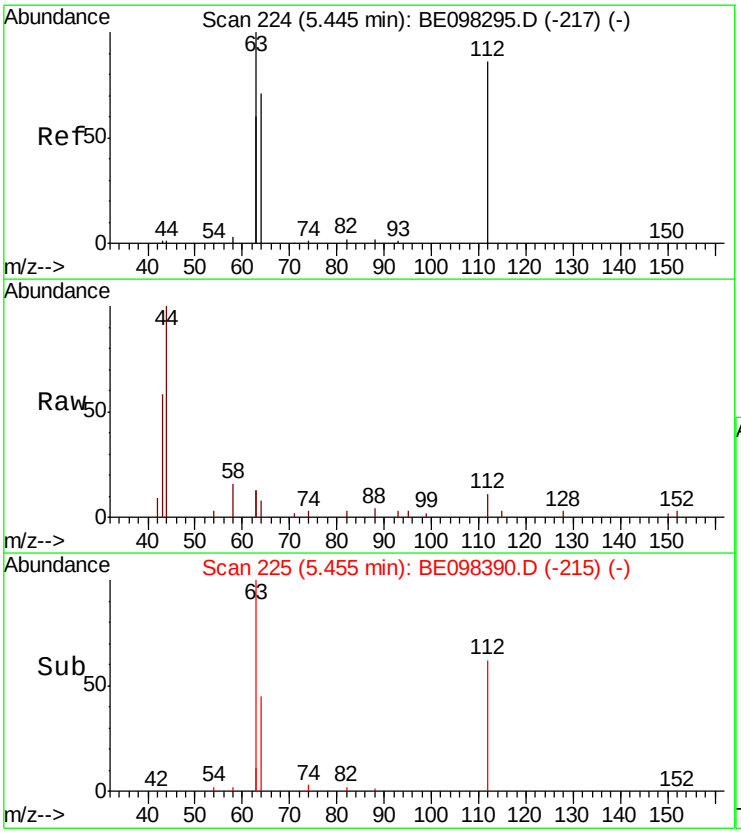
#3
n-Nitrosodimethylamine
Concen: 0.176 ng
RT: 3.69 min Scan# 72
Delta R.T. -0.00 min
Lab File: BE098390.D
Acq: 13 Dec 2018 10:47

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 42 Resp: 276

Ion	Ratio	Lower	Upper
42	100		
74	88.8	0.0	0.0#
44	0.0	0.0	0.0

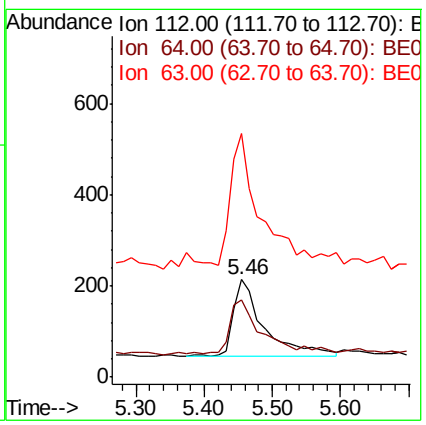


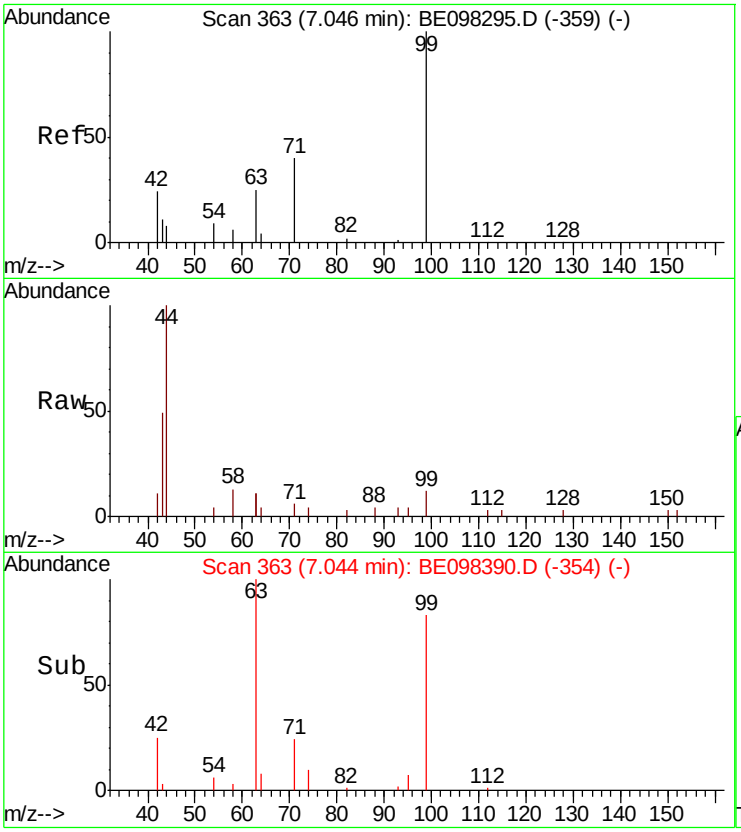


#4
2-Fluorophenol
Concen: 0.224 ng
RT: 5.46 min Scan# 225
Delta R.T. 0.01 min
Lab File: BE098390.D
Acq: 13 Dec 2018 10:47

Tgt Ion:112 Resp: 529

Ion	Ratio	Lower	Upper
112	100		
64	68.1	59.8	89.8
63	166.7	133.7	200.5



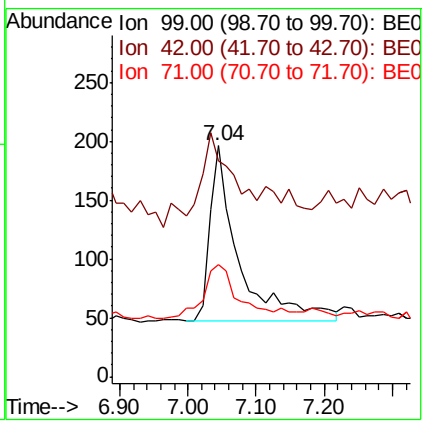


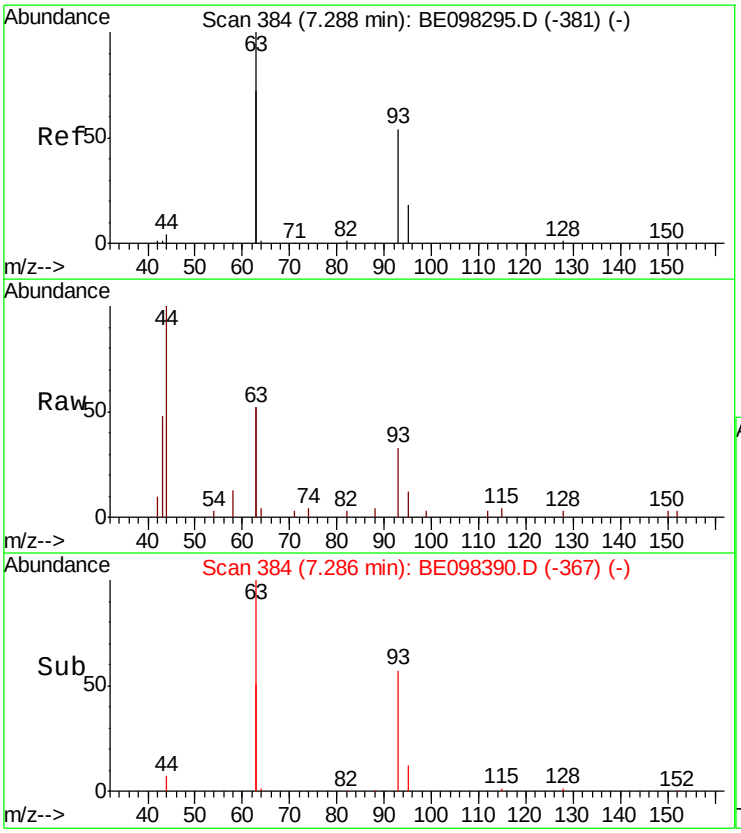
#5
Phenol-d6
Concen: 0.133 ng
RT: 7.04 min Scan# 363
Delta R.T. -0.00 min
Lab File: BE098390.D
Acq: 13 Dec 2018 10:47

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 99 Resp: 446

Ion	Ratio	Lower	Upper
99	100		
42	65.9	26.3	39.5#
71	36.8	33.6	50.4

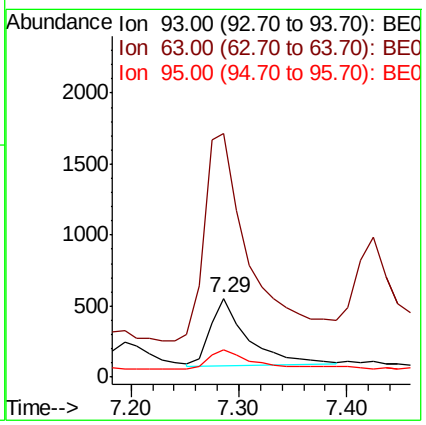


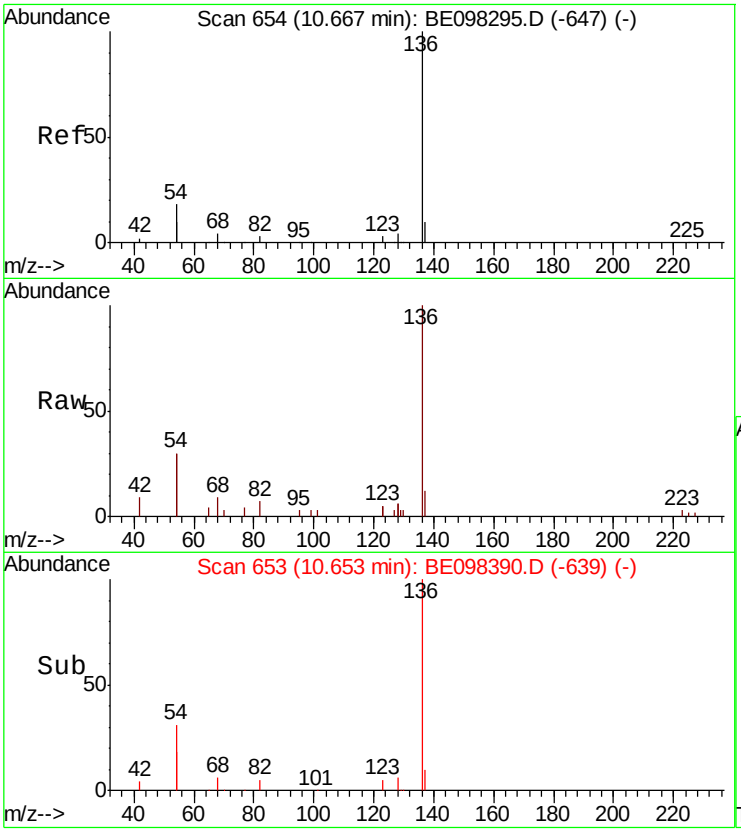


#6
bis(2-Chloroethyl)ether
Concen: 0.361 ng
RT: 7.29 min Scan# 384
Delta R.T. -0.00 min
Lab File: BE098390.D
Acq: 13 Dec 2018 10:47

Tgt Ion: 93 Resp: 1146

Ion	Ratio	Lower	Upper
93	100		
63	382.3	264.4	396.6
95	36.9	26.6	40.0



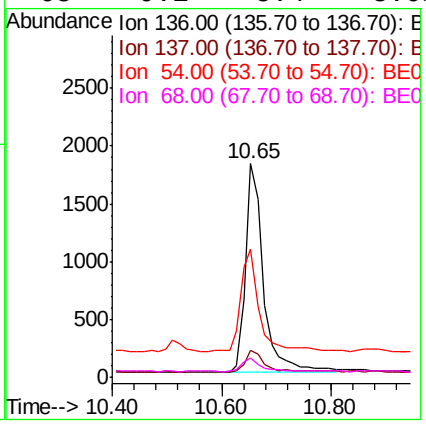


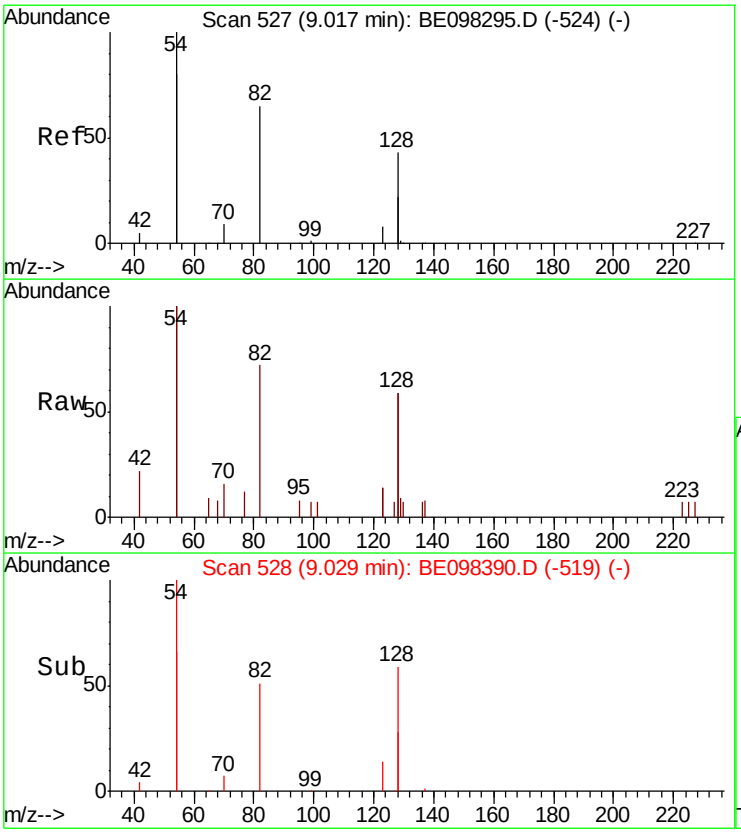
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.65 min Scan# 653
Delta R.T. -0.01 min
Lab File: BE098390.D
Acq: 13 Dec 2018 10:47

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:136 Resp: 4117

Ion	Ratio	Lower	Upper
136	100		
137	12.3	9.2	13.8
54	59.7	28.4	42.6#
68	9.1	5.4	8.0#

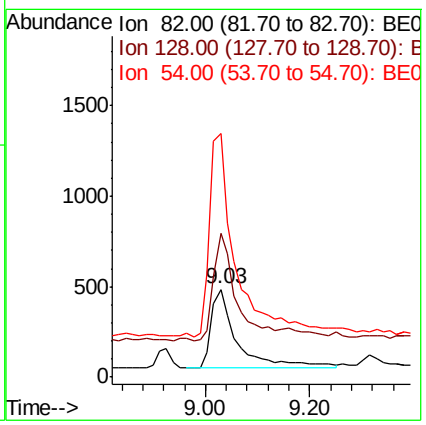


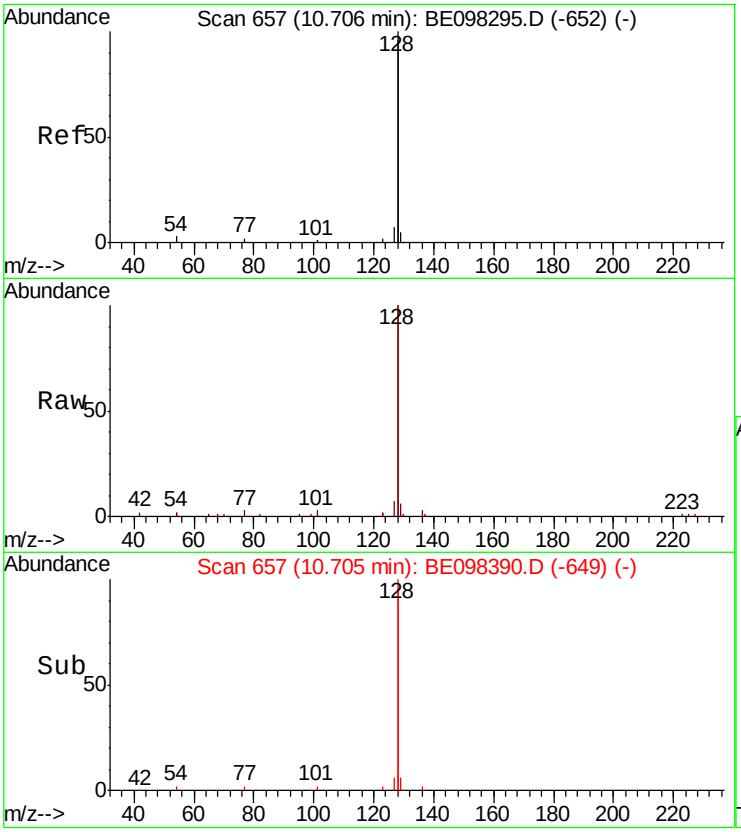


#8
Nitrobenzene-d5
Concen: 0.406 ng
RT: 9.03 min Scan# 528
Delta R.T. 0.01 min
Lab File: BE098390.D
Acq: 13 Dec 2018 10:47

Tgt Ion: 82 Resp: 1522

Ion	Ratio	Lower	Upper
82	100		
128	163.9	102.4	153.6#
54	276.4	221.8	332.8



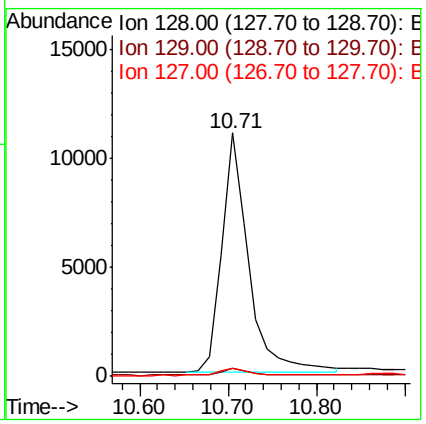


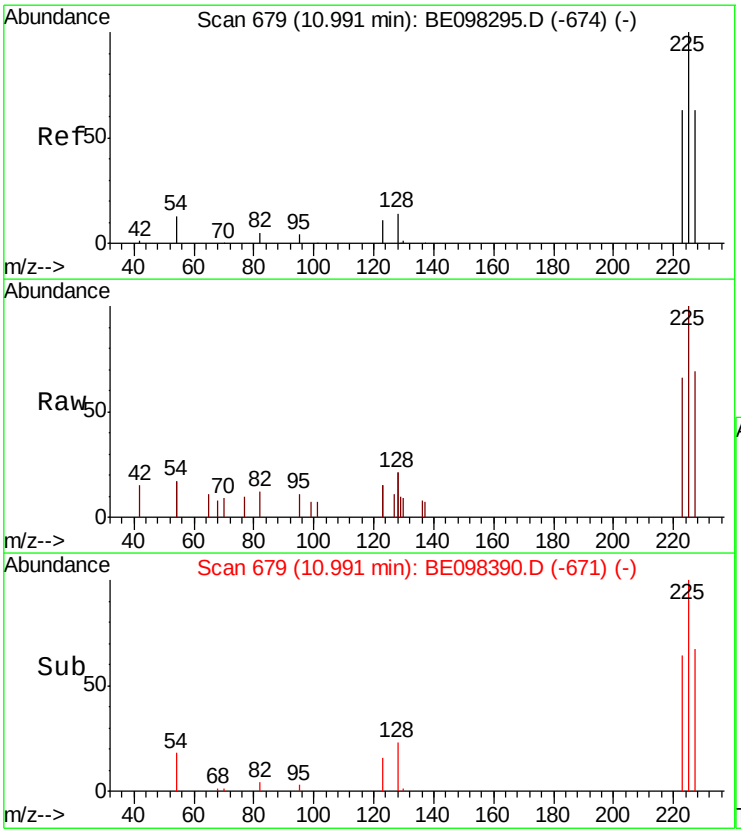
#9
Naphthalene
Concen: 0.554 ng
RT: 10.71 min Scan# 657
Delta R.T. -0.00 min
Lab File: BE098390.D
Acq: 13 Dec 2018 10:47

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:128 Resp: 22949

Ion	Ratio	Lower	Upper
128	100		
129	3.2	2.5	3.7
127	3.6	2.7	4.1

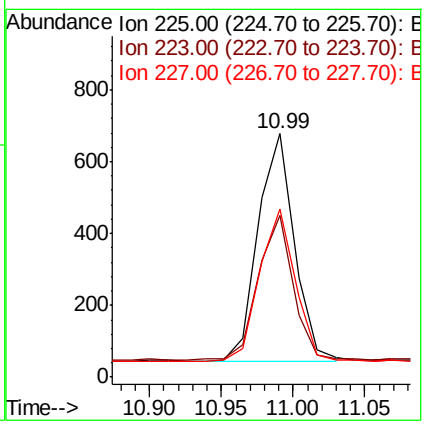


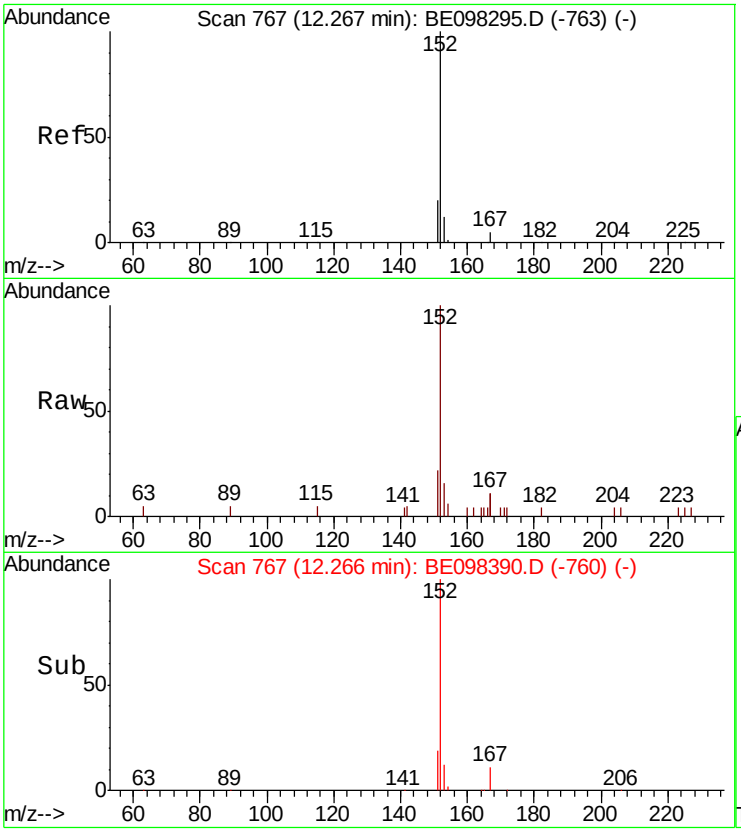


#10
Hexachlorobutadiene
Concen: 0.420 ng
RT: 10.99 min Scan# 679
Delta R.T. -0.00 min
Lab File: BE098390.D
Acq: 13 Dec 2018 10:47

Tgt Ion:225 Resp: 1109

Ion	Ratio	Lower	Upper
225	100		
223	61.5	49.4	74.0
227	66.5	52.0	78.0



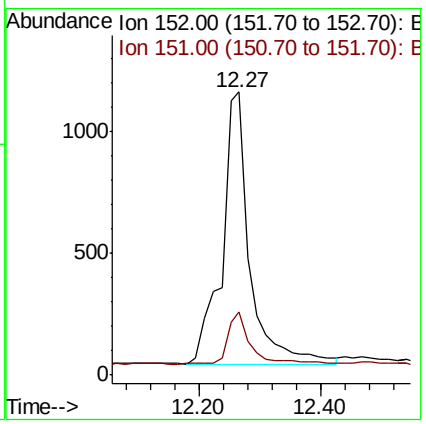


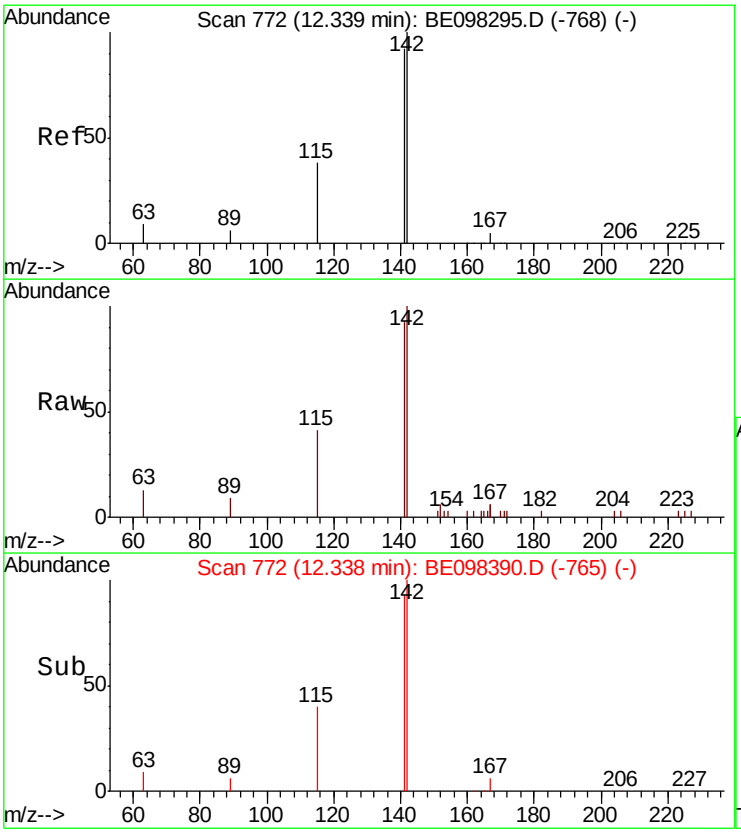
#11
2-Methylnaphthalene-d10
Concen: 0.531 ng
RT: 12.27 min Scan# 767
Delta R.T. -0.00 min
Lab File: BE098390.D
Acq: 13 Dec 2018 10:47

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 3554

Ion	Ratio	Lower	Upper
152	100		
151	14.8	16.2	24.4#

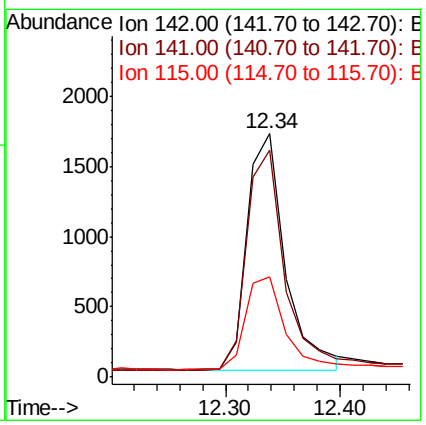


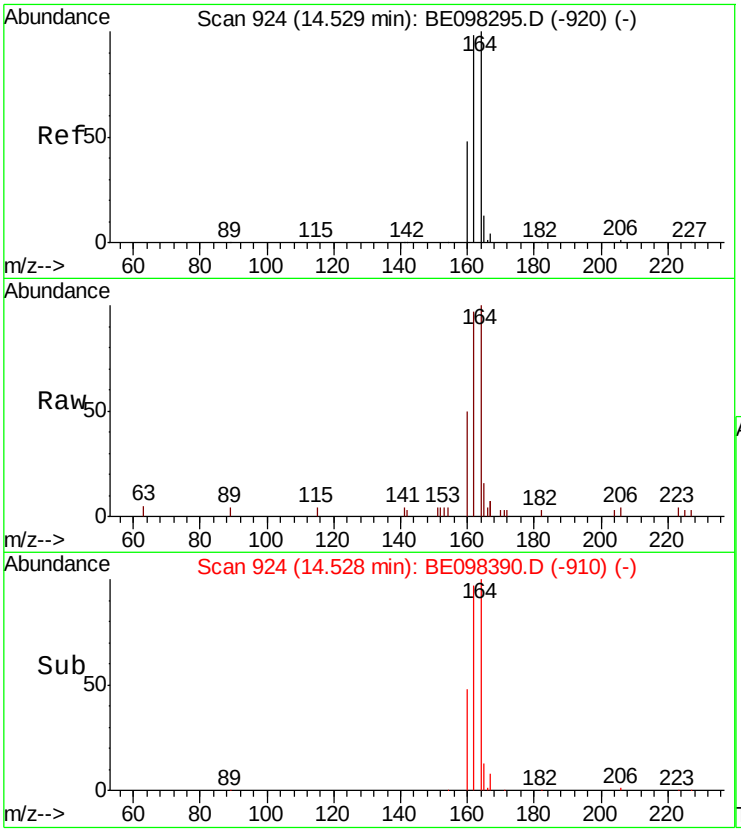


#12
2-Methylnaphthalene
Concen: 0.572 ng
RT: 12.34 min Scan# 772
Delta R.T. -0.00 min
Lab File: BE098390.D
Acq: 13 Dec 2018 10:47

Tgt Ion:142 Resp: 3852

Ion	Ratio	Lower	Upper
142	100		
141	93.0	71.0	106.6
115	41.3	32.2	48.2



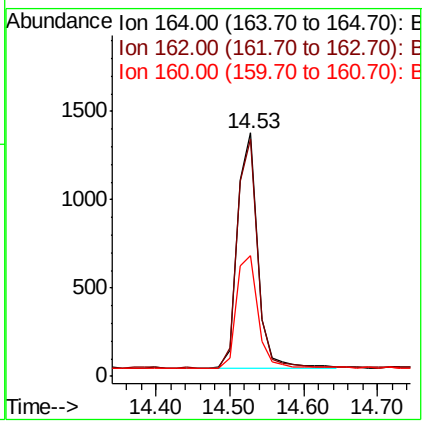


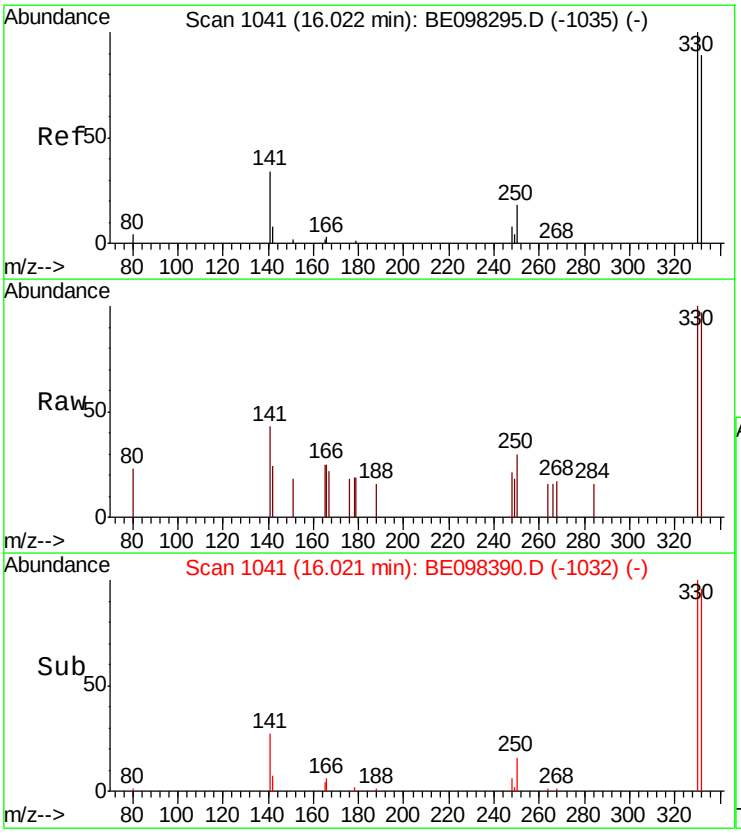
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.53 min Scan# 924
Delta R.T. -0.00 min
Lab File: BE098390.D
Acq: 13 Dec 2018 10:47

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:164 Resp: 2536

Ion	Ratio	Lower	Upper
164	100		
162	97.3	77.6	116.4
160	49.6	36.0	54.0

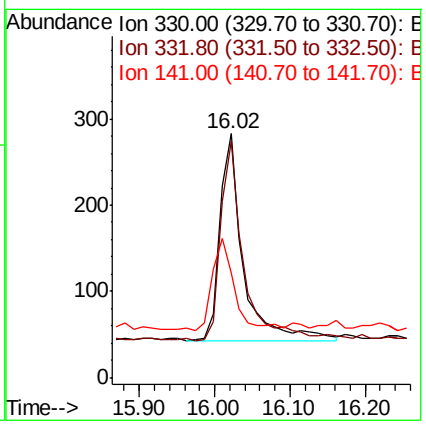


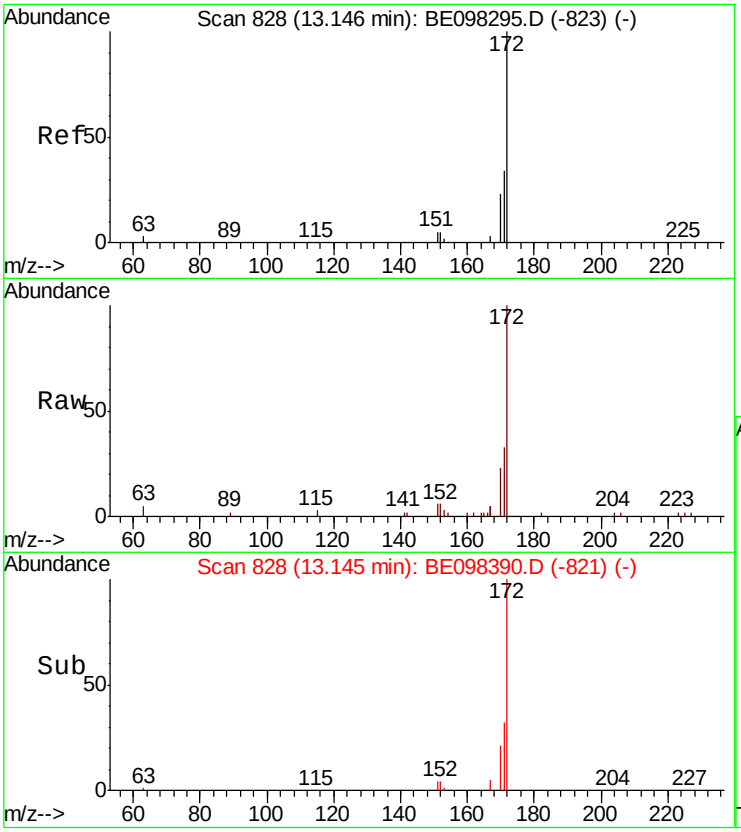


#14
2,4,6-Tribromophenol
Concen: 0.561 ng
RT: 16.02 min Scan# 1041
Delta R.T. -0.00 min
Lab File: BE098390.D
Acq: 13 Dec 2018 10:47

Tgt Ion:330 Resp: 522

Ion	Ratio	Lower	Upper
330	100		
332	93.1	76.2	114.4
141	39.8	39.0	58.4



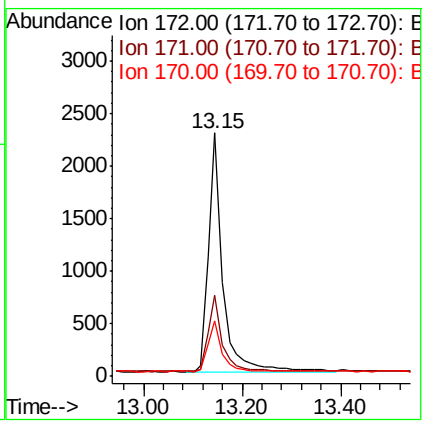


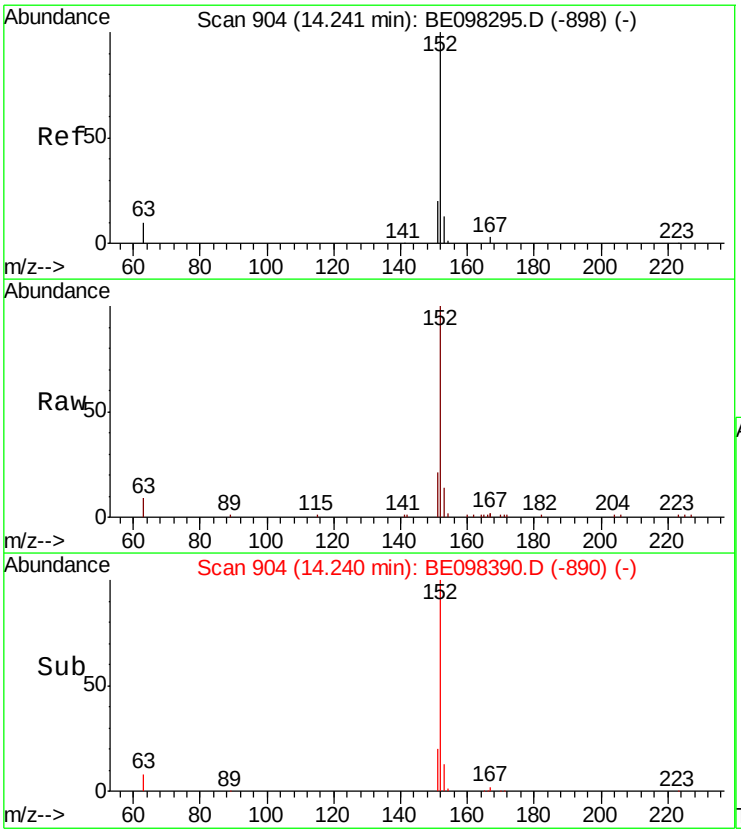
#15
2-Fluorobiphenyl
Concen: 0.425 ng
RT: 13.15 min Scan# 828
Delta R.T. -0.00 min
Lab File: BE098390.D
Acq: 13 Dec 2018 10:47

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:172 Resp: 4547

Ion	Ratio	Lower	Upper
172	100		
171	33.2	27.5	41.3
170	22.7	19.6	29.4

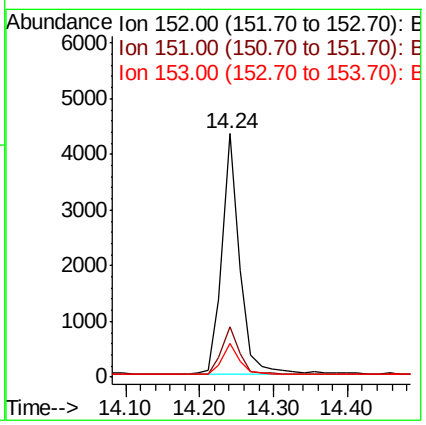


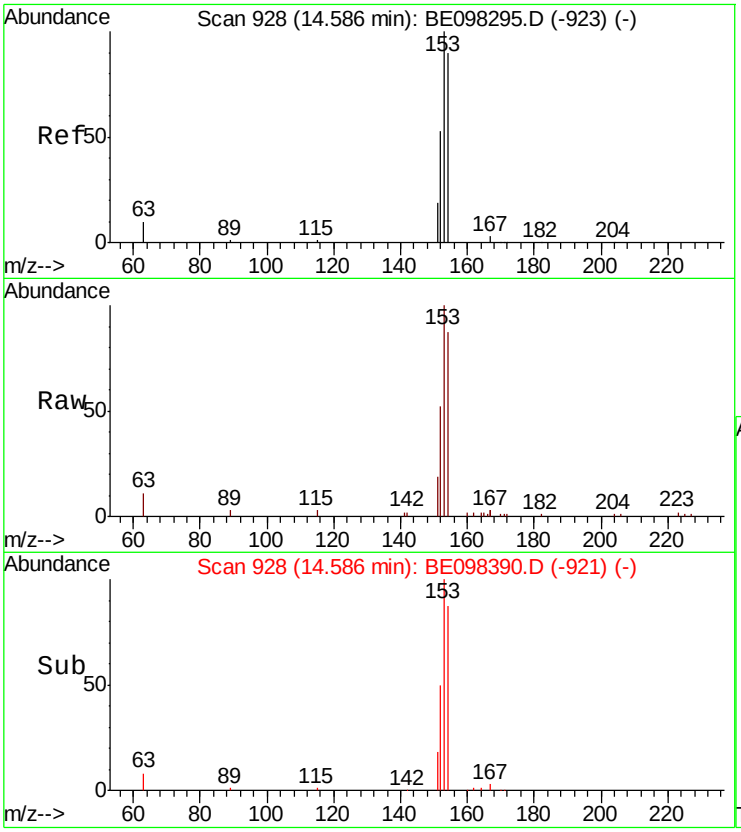


#16
Acenaphthylene
Concen: 0.612 ng
RT: 14.24 min Scan# 904
Delta R.T. -0.00 min
Lab File: BE098390.D
Acq: 13 Dec 2018 10:47

Tgt Ion:152 Resp: 7266

Ion	Ratio	Lower	Upper
152	100		
151	20.5	15.5	23.3
153	13.0	10.6	16.0



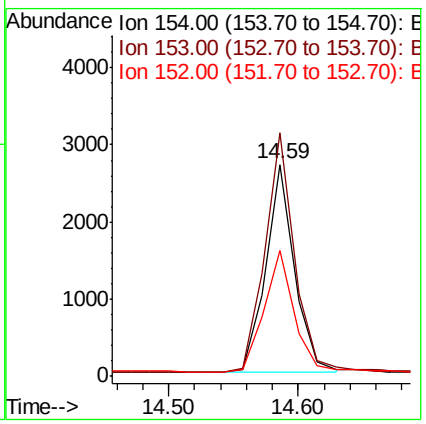


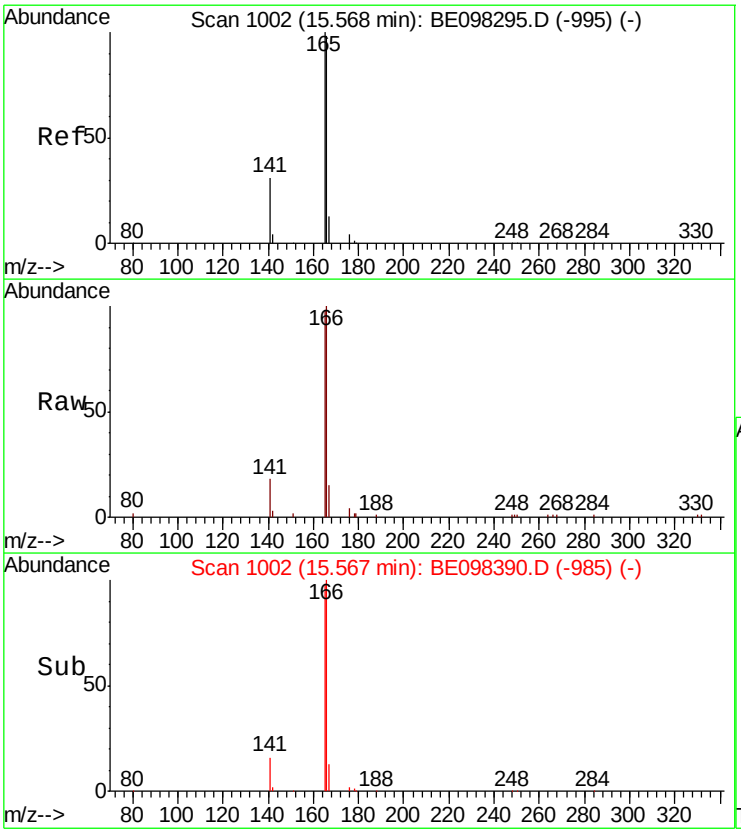
#17
Acenaphthene
Concen: 0.582 ng
RT: 14.59 min Scan# 928
Delta R.T. -0.00 min
Lab File: BE098390.D
Acq: 13 Dec 2018 10:47

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:154 Resp: 4152

Ion	Ratio	Lower	Upper
154	100		
153	118.2	91.8	137.6
152	60.6	45.5	68.3

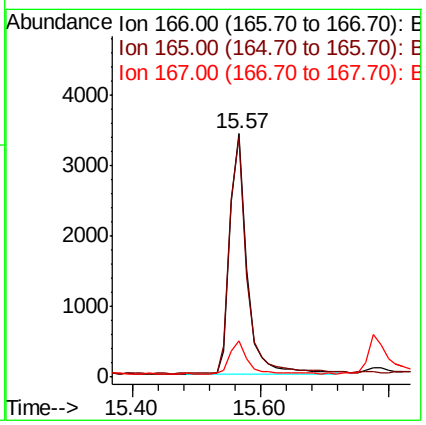


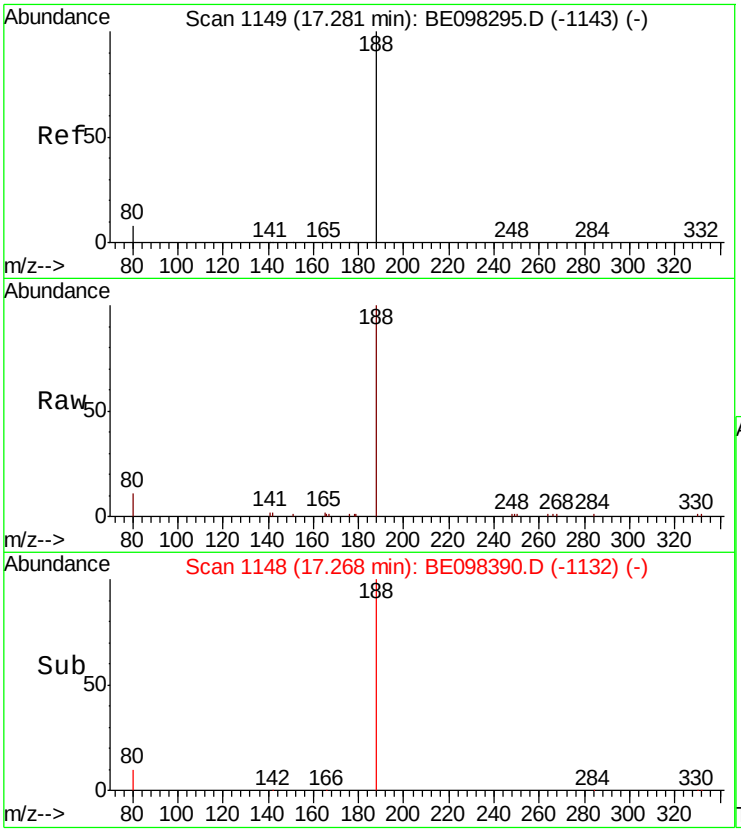


#18
Fluorene
Concen: 0.652 ng
RT: 15.57 min Scan# 1002
Delta R.T. -0.00 min
Lab File: BE098390.D
Acq: 13 Dec 2018 10:47

Tgt Ion:166 Resp: 6228

Ion	Ratio	Lower	Upper
166	100		
165	99.6	79.3	118.9
167	13.8	11.3	16.9



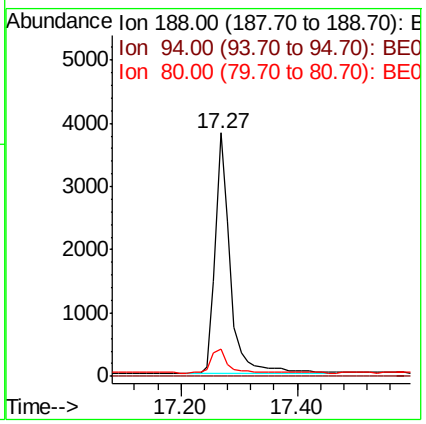


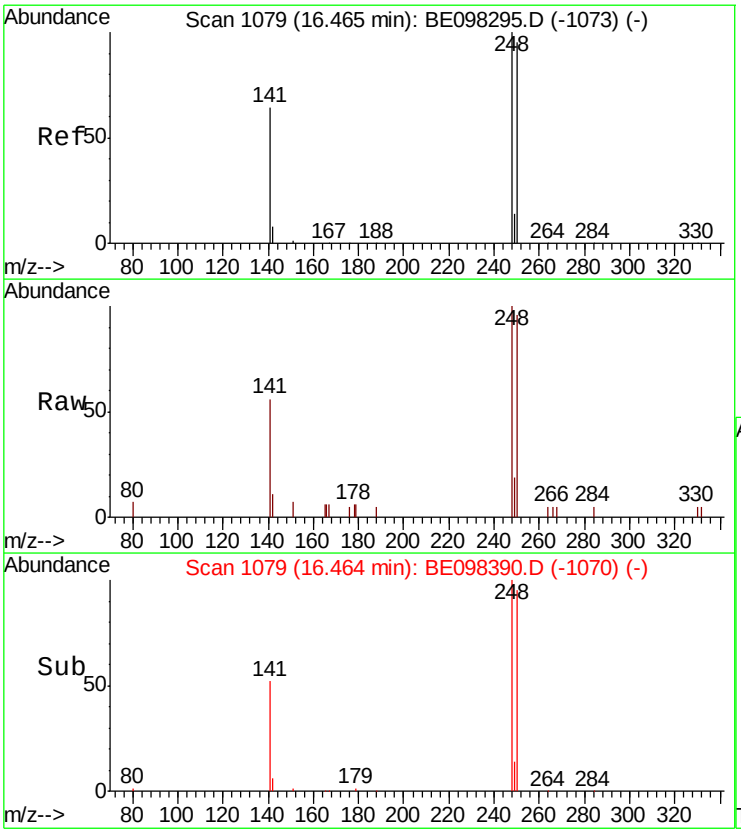
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.27 min Scan# 1148
Delta R.T. -0.01 min
Lab File: BE098390.D
Acq: 13 Dec 2018 10:47

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:188 Resp: 6800

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	11.0	7.2	10.8#

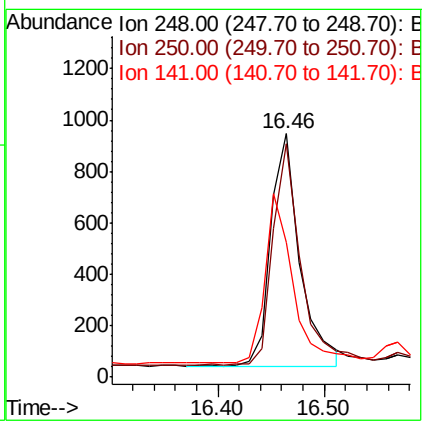


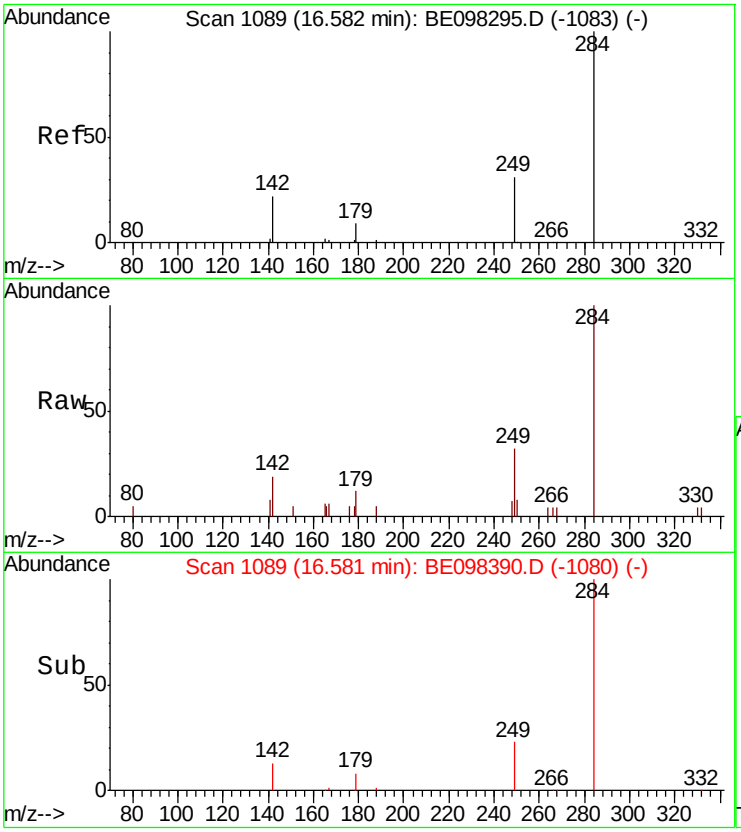


#20
4-Bromophenyl-phenylether
Concen: 0.469 ng
RT: 16.46 min Scan# 1079
Delta R.T. -0.00 min
Lab File: BE098390.D
Acq: 13 Dec 2018 10:47

Tgt Ion:248 Resp: 1715

Ion	Ratio	Lower	Upper
248	100		
250	95.8	71.0	106.6
141	55.5	62.1	93.1#



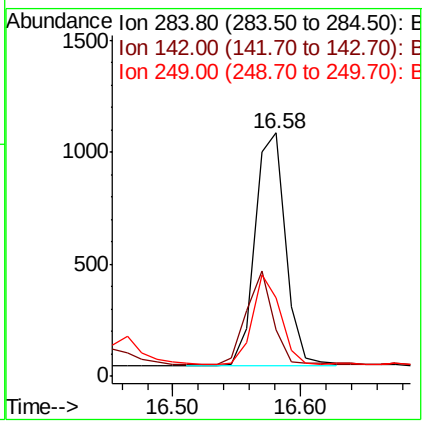


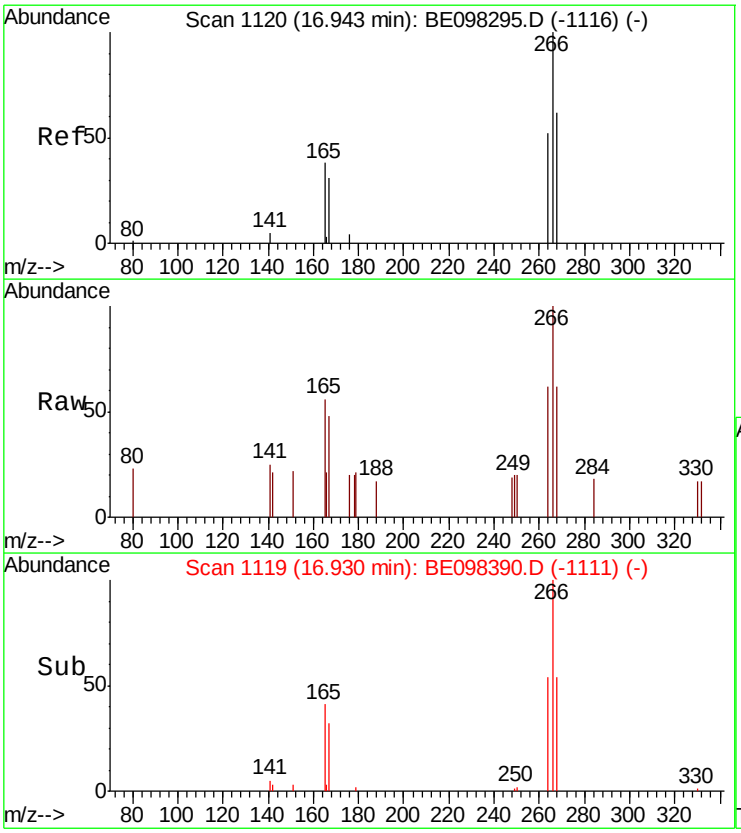
#21
Hexachlorobenzene
Concen: 0.444 ng
RT: 16.58 min Scan# 1089
Delta R.T. -0.00 min
Lab File: BE098390.D
Acq: 13 Dec 2018 10:47

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:284 Resp: 1747

Ion	Ratio	Lower	Upper
284	100		
142	34.8	26.3	39.5
249	35.4	26.0	39.0

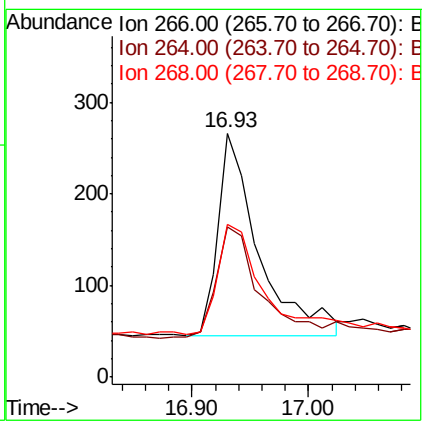


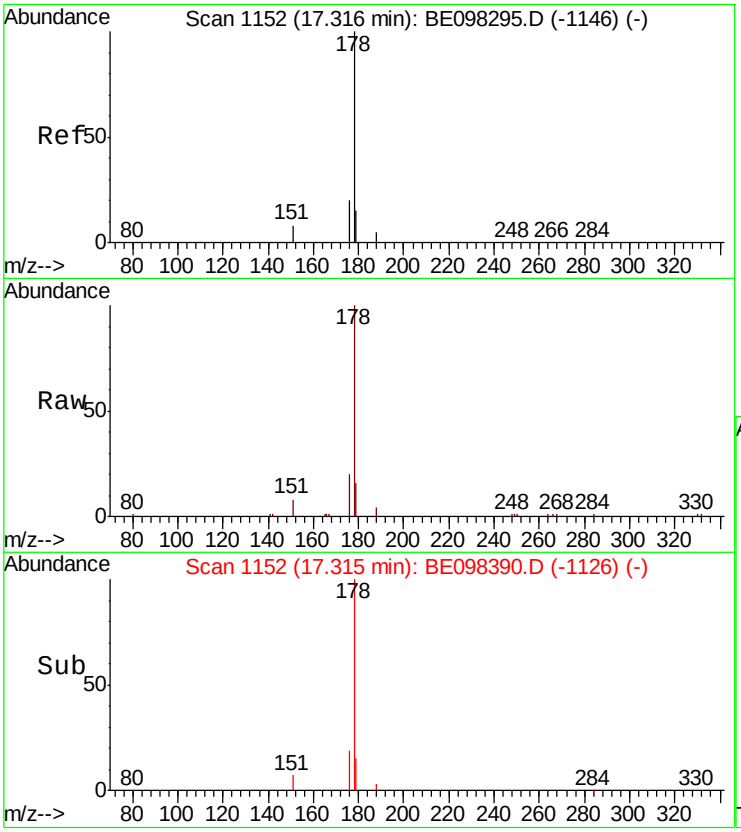


#22
Pentachlorophenol
Concen: 0.754 ng
RT: 16.93 min Scan# 1119
Delta R.T. -0.01 min
Lab File: BE098390.D
Acq: 13 Dec 2018 10:47

Tgt Ion:266 Resp: 536

Ion	Ratio	Lower	Upper
266	100		
264	61.7	59.0	88.4
268	62.4	55.1	82.7



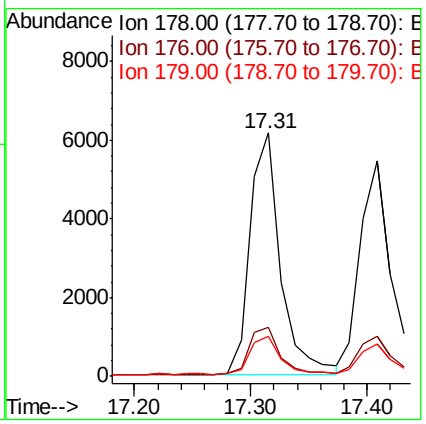


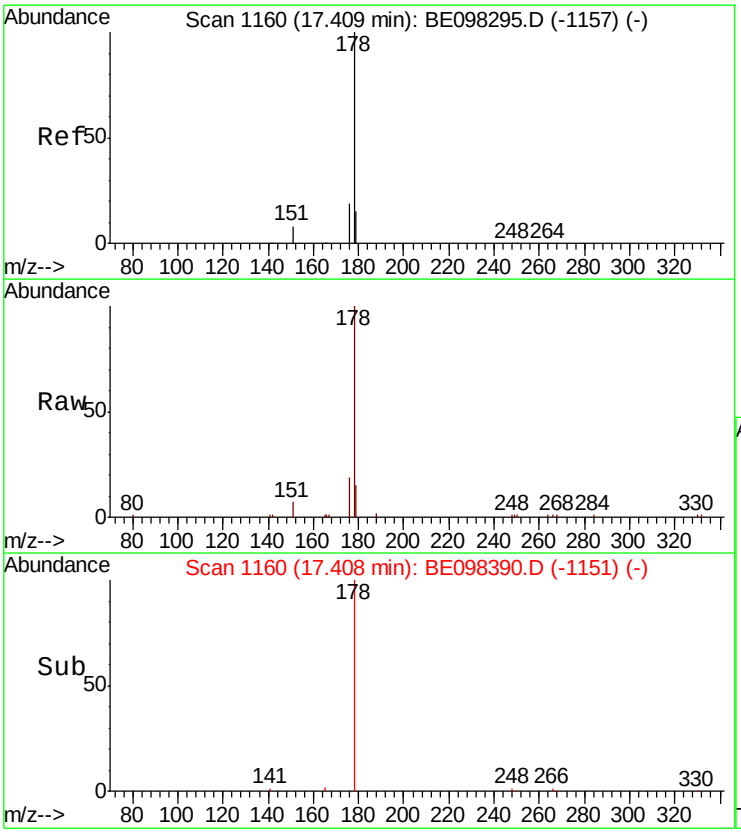
#23
Phenanthrene
Concen: 0.678 ng
RT: 17.31 min Scan# 1152
Delta R.T. -0.00 min
Lab File: BE098390.D
Acq: 13 Dec 2018 10:47

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:178 Resp: 11204

Ion	Ratio	Lower	Upper
178	100		
176	19.9	15.9	23.9
179	15.4	12.3	18.5

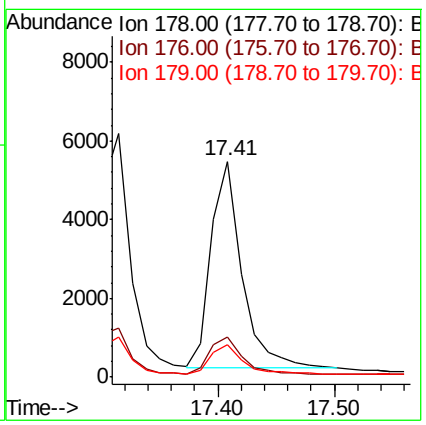


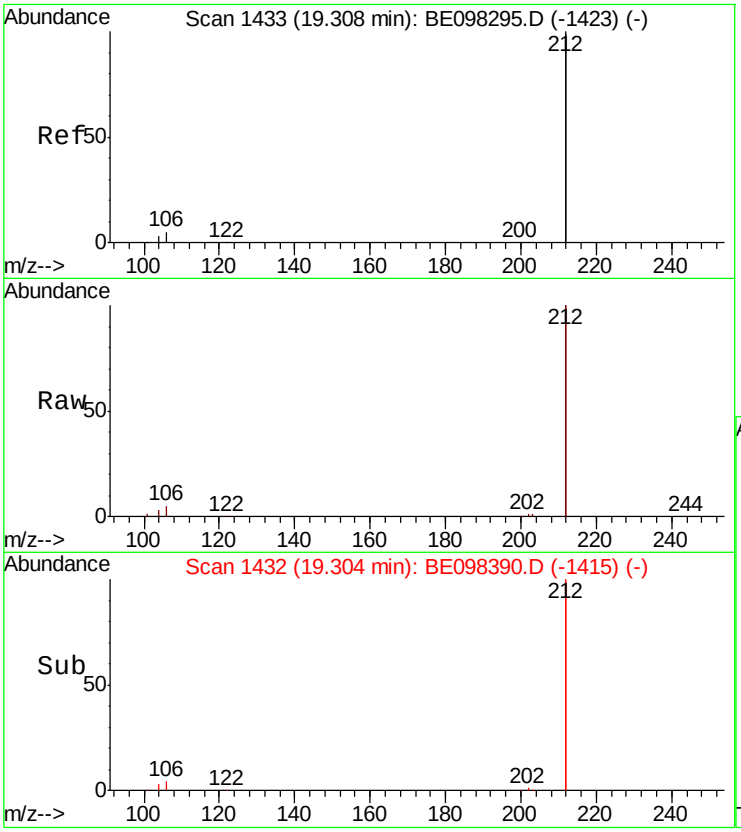


#24
Anthracene
Concen: 0.654 ng
RT: 17.41 min Scan# 1160
Delta R.T. -0.00 min
Lab File: BE098390.D
Acq: 13 Dec 2018 10:47

Tgt Ion:178 Resp: 9638

Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.0	22.4
179	14.7	12.3	18.5



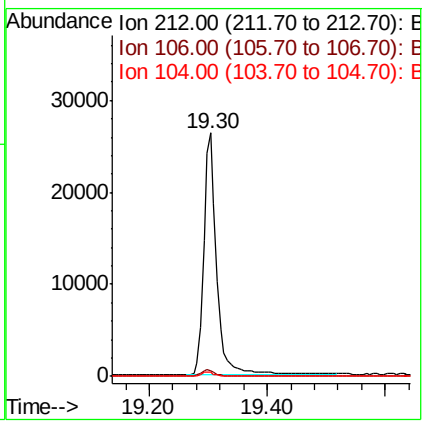


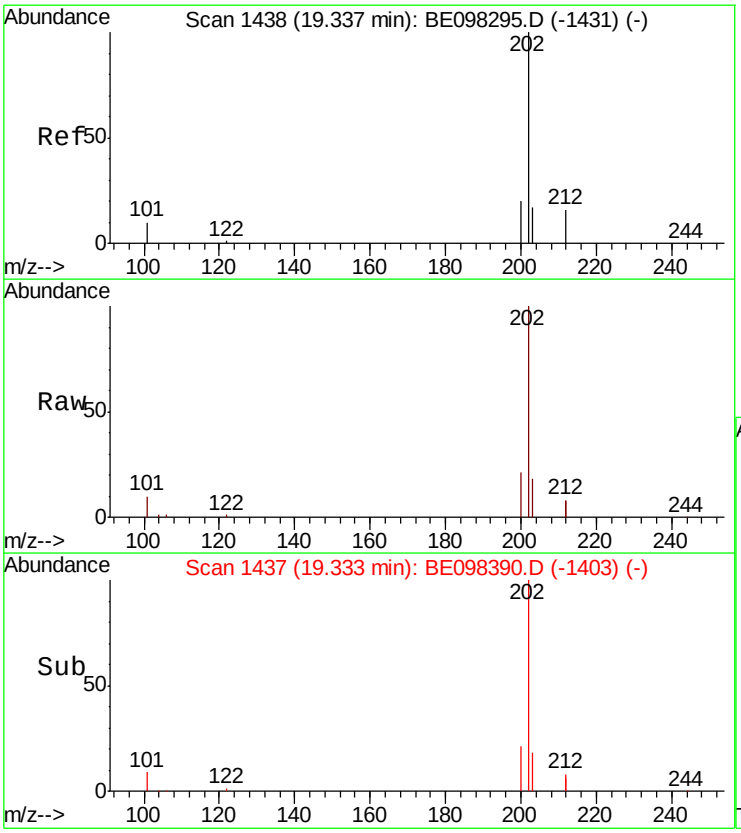
#25
Fluoranthene-d10
Concen: 0.465 ng
RT: 19.30 min Scan# 1432
Delta R.T. -0.00 min
Lab File: BE098390.D
Acq: 13 Dec 2018 10:47

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:212 Resp: 40596

Ion	Ratio	Lower	Upper
212	100		
106	2.5	2.2	3.2
104	1.5	1.3	1.9

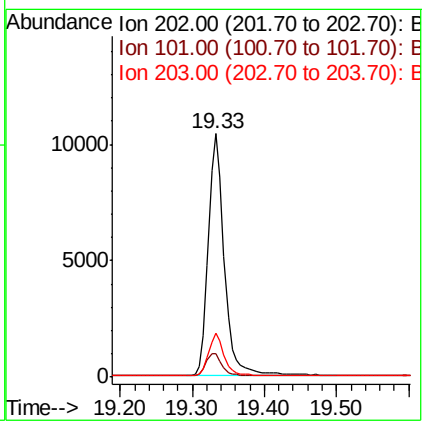


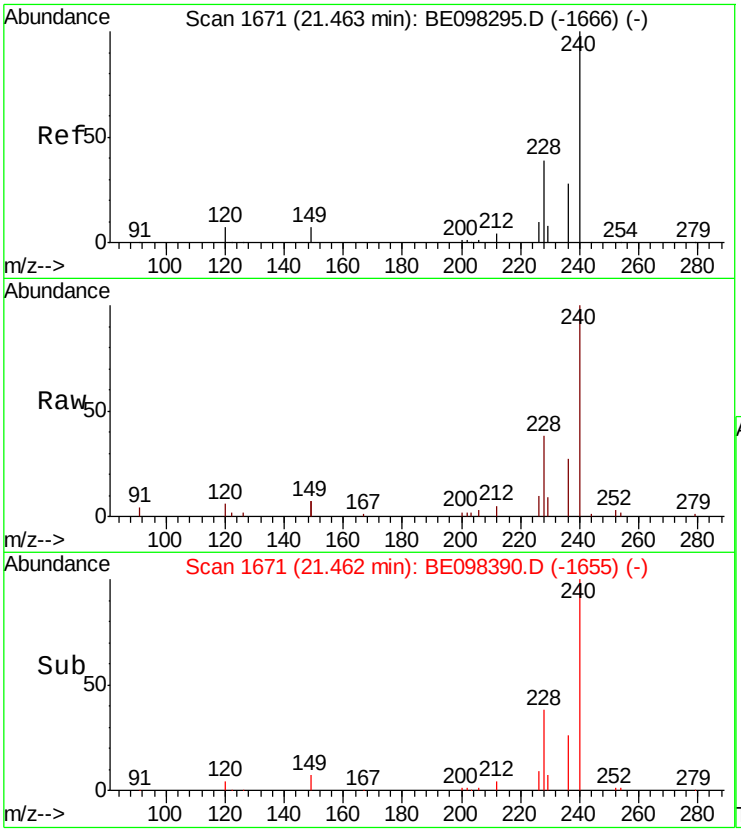


#26
Fluoranthene
Concen: 0.740 ng
RT: 19.33 min Scan# 1437
Delta R.T. -0.00 min
Lab File: BE098390.D
Acq: 13 Dec 2018 10:47

Tgt Ion:202 Resp: 16174

Ion	Ratio	Lower	Upper
202	100		
101	9.4	8.0	12.0
203	17.3	13.8	20.6



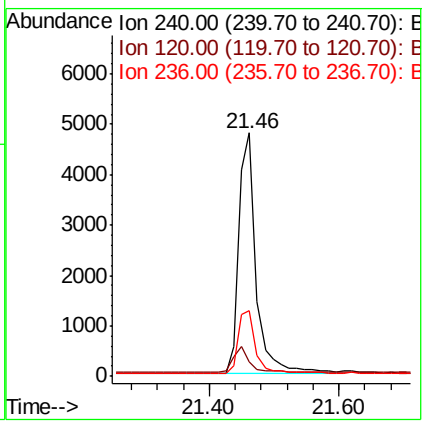


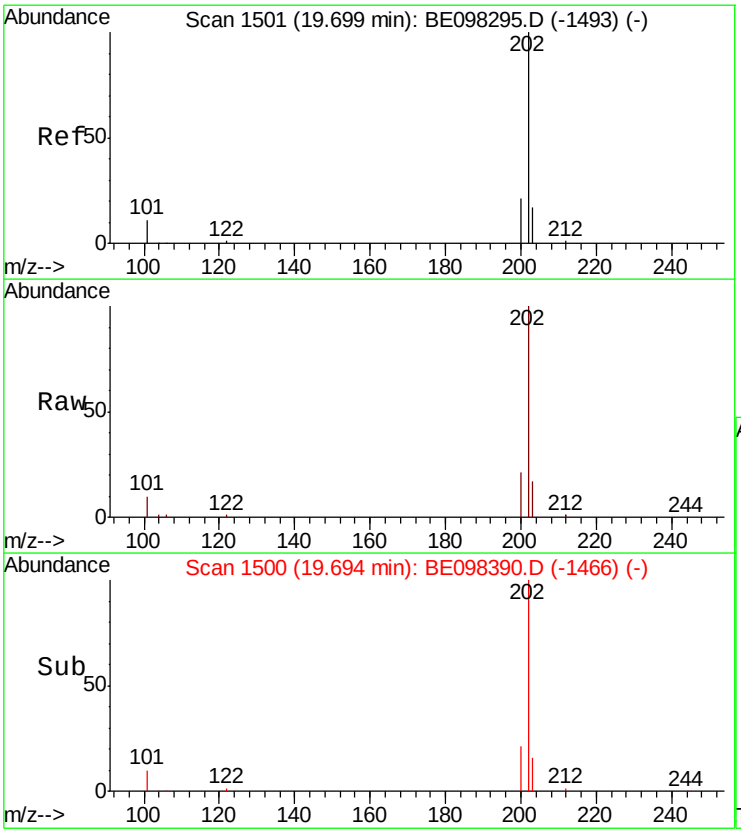
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.46 min Scan# 1671
Delta R.T. -0.00 min
Lab File: BE098390.D
Acq: 13 Dec 2018 10:47

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:240 Resp: 8923

Ion	Ratio	Lower	Upper
240	100		
120	6.0	9.5	14.3#
236	27.2	22.7	34.1

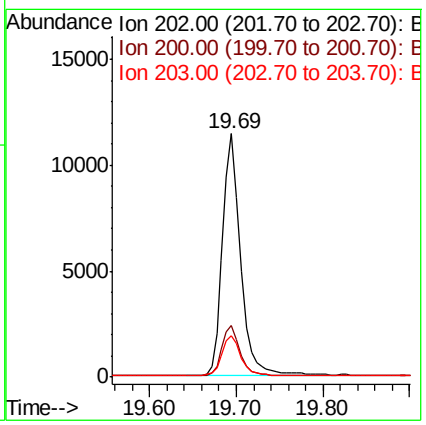


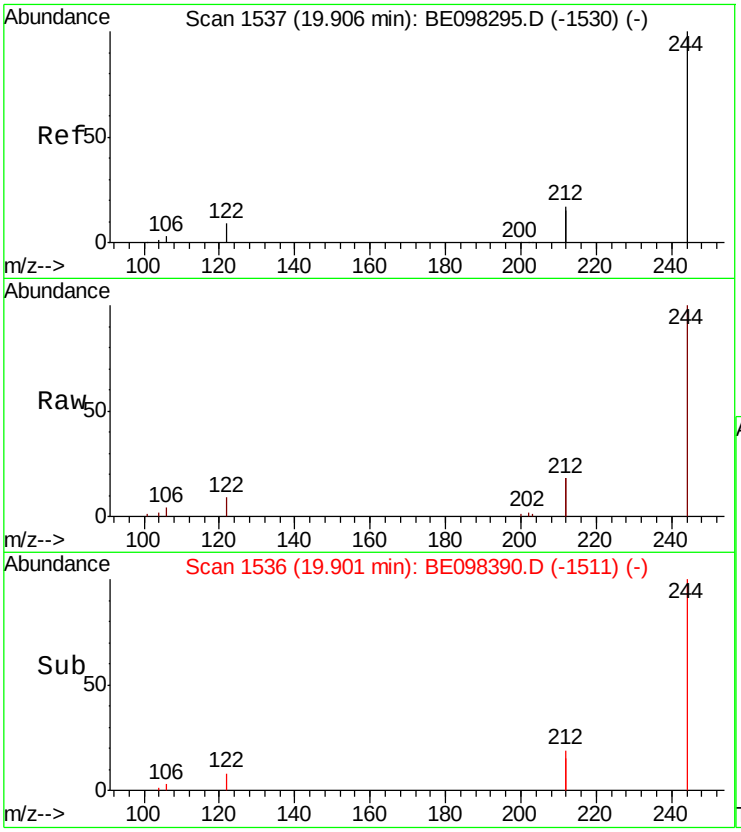


#28
Pyrene
Concen: 0.594 ng
RT: 19.69 min Scan# 1500
Delta R.T. -0.00 min
Lab File: BE098390.D
Acq: 13 Dec 2018 10:47

Tgt Ion:202 Resp: 16644

Ion	Ratio	Lower	Upper
202	100		
200	21.2	16.7	25.1
203	17.3	14.1	21.1



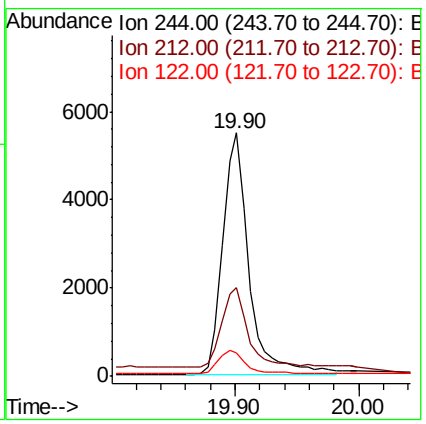


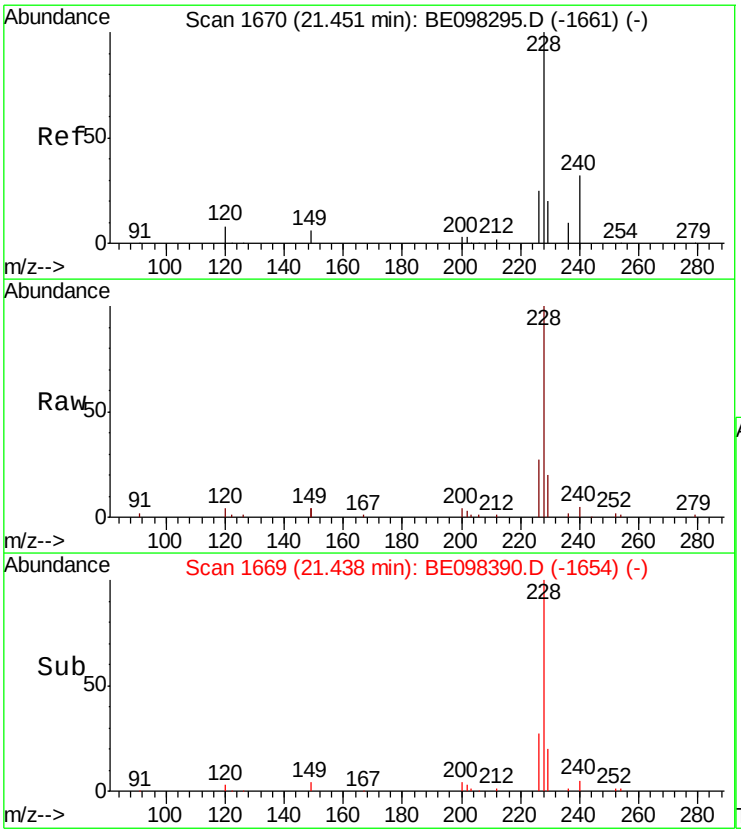
#29
Terphenyl-d14
Concen: 0.370 ng
RT: 19.90 min Scan# 1536
Delta R.T. -0.00 min
Lab File: BE098390.D
Acq: 13 Dec 2018 10:47

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:244 Resp: 8019

Ion	Ratio	Lower	Upper
244	100		
212	36.7	27.4	41.0
122	9.5	8.3	12.5

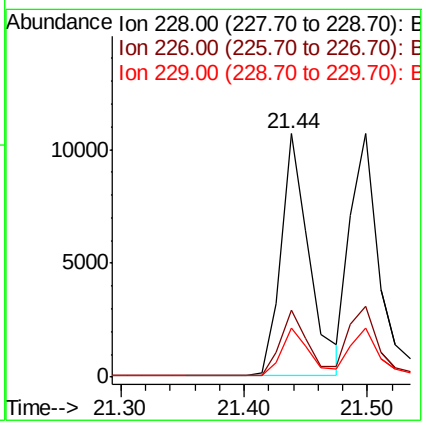


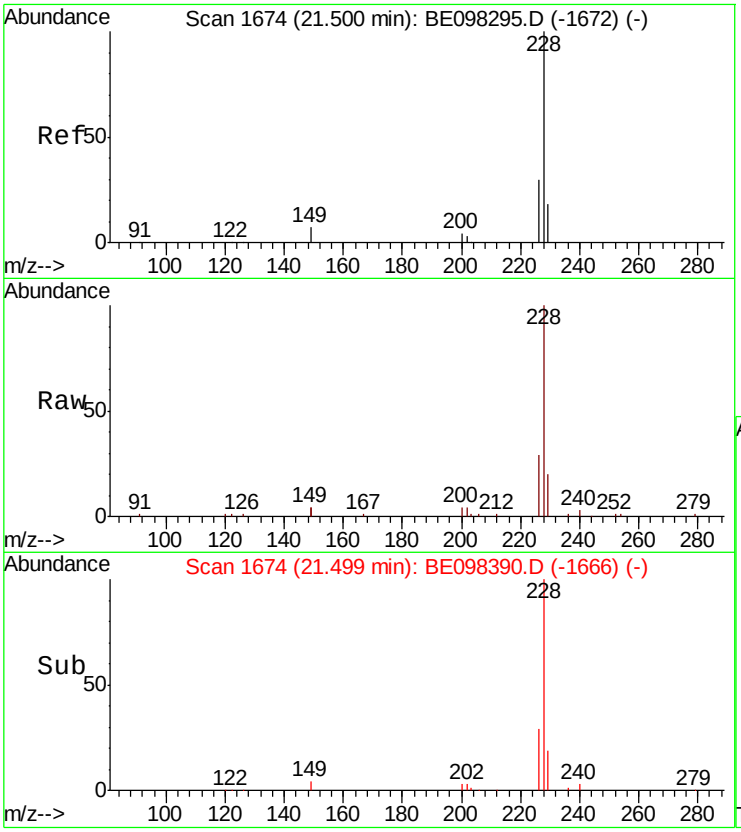


#30
Benzo(a)anthracene
Concen: 0.673 ng
RT: 21.44 min Scan# 1669
Delta R.T. -0.01 min
Lab File: BE098390.D
Acq: 13 Dec 2018 10:47

Tgt Ion:228 Resp: 17090

Ion	Ratio	Lower	Upper
228	100		
226	27.4	21.8	32.8
229	20.1	16.3	24.5



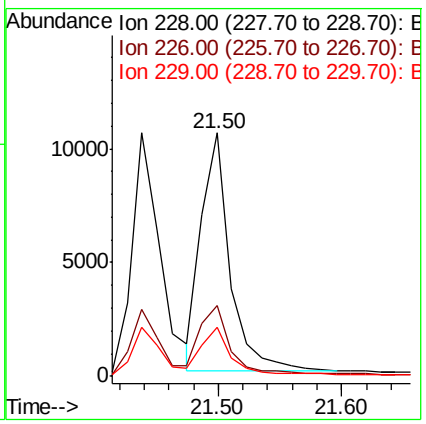


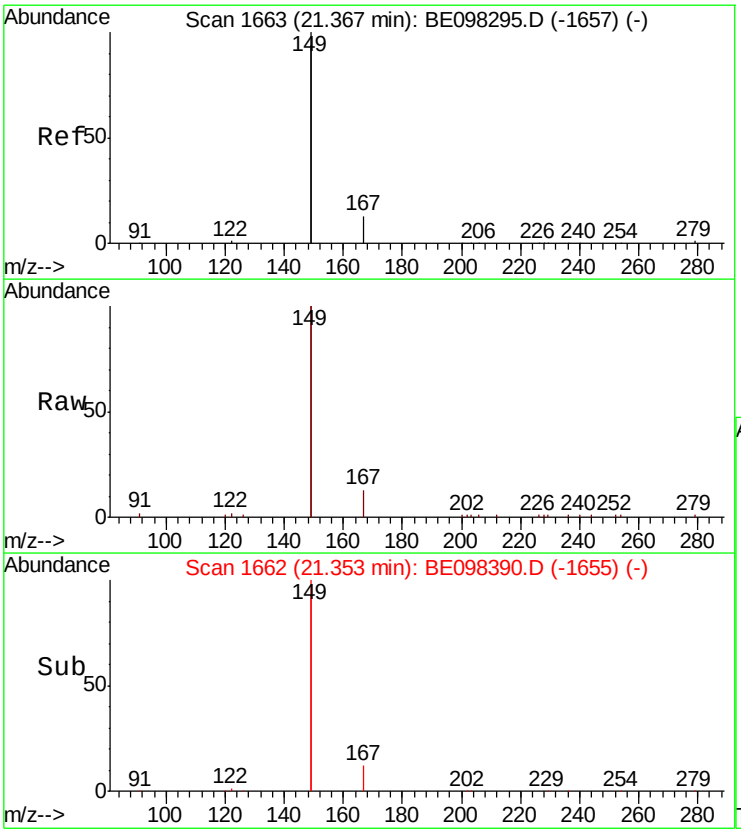
#31
Chrysene
Concen: 0.633 ng
RT: 21.50 min Scan# 1674
Delta R.T. -0.00 min
Lab File: BE098390.D
Acq: 13 Dec 2018 10:47

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:228 Resp: 16858

Ion	Ratio	Lower	Upper
228	100		
226	29.2	23.4	35.0
229	19.9	16.2	24.4

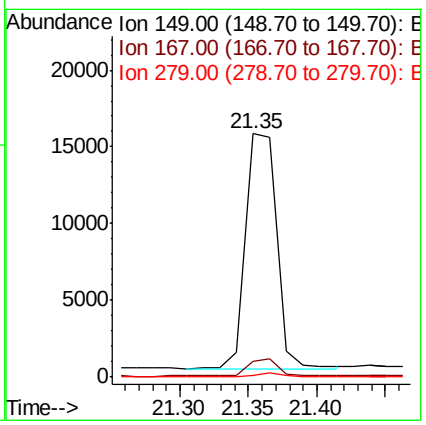


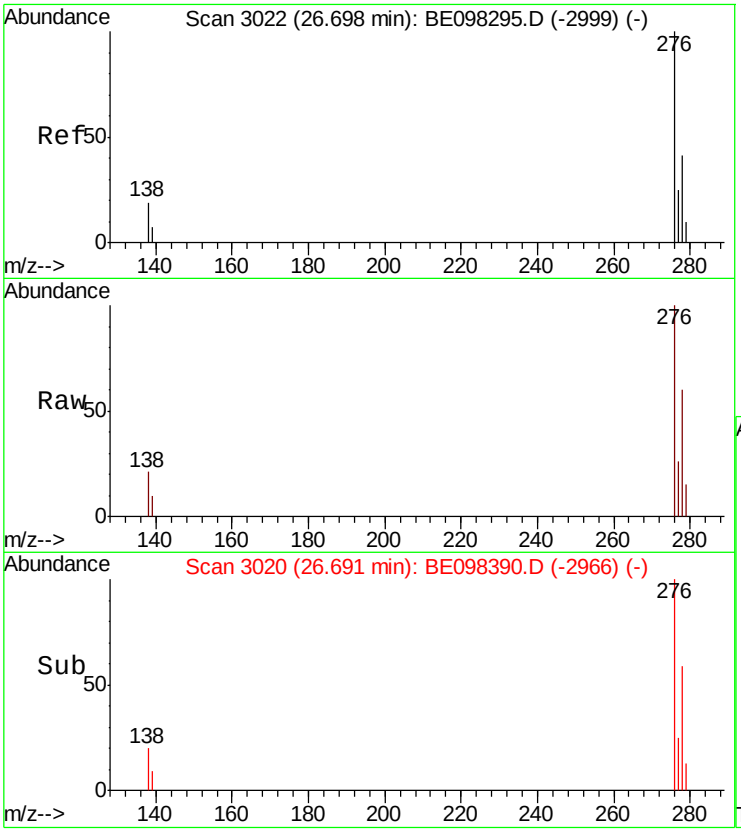


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.466 ng
RT: 21.35 min Scan# 1662
Delta R.T. -0.01 min
Lab File: BE098390.D
Acq: 13 Dec 2018 10:47

Tgt Ion:149 Resp: 24056

Ion	Ratio	Lower	Upper
149	100		
167	6.7	5.7	8.5
279	1.0	1.0	1.4



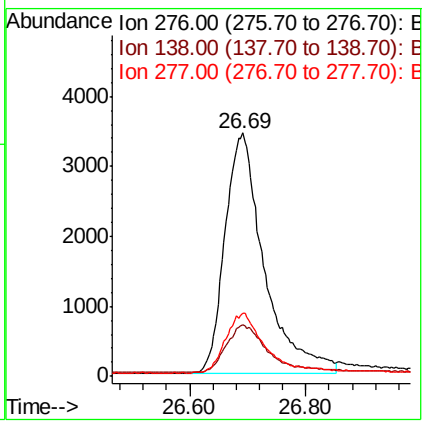


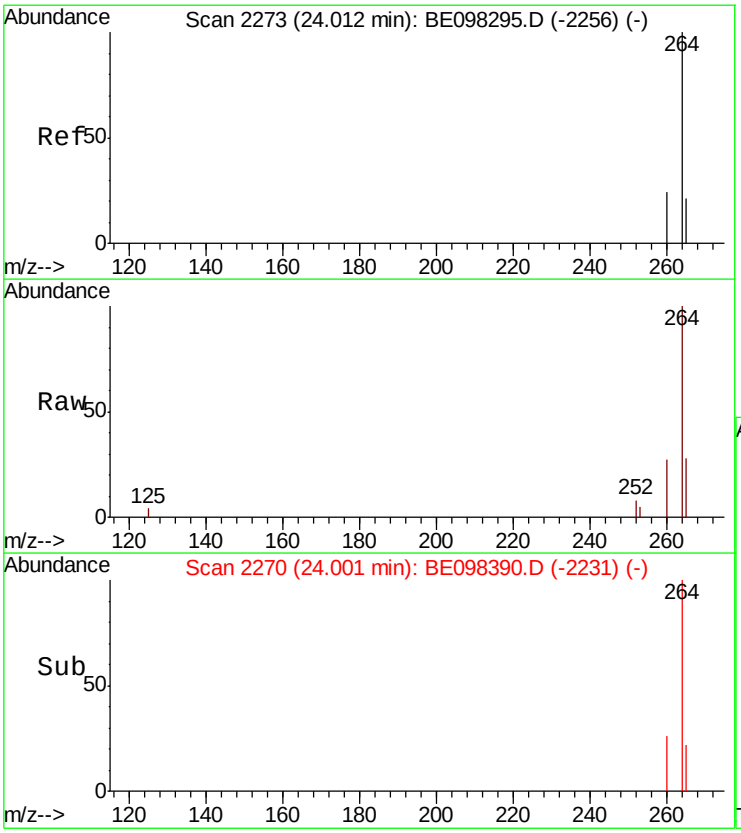
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.608 ng
RT: 26.69 min Scan# 3020
Delta R.T. -0.01 min
Lab File: BE098390.D
Acq: 13 Dec 2018 10:47

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 16098

Ion	Ratio	Lower	Upper
276	100		
138	20.8	16.3	24.5
277	24.4	20.2	30.4

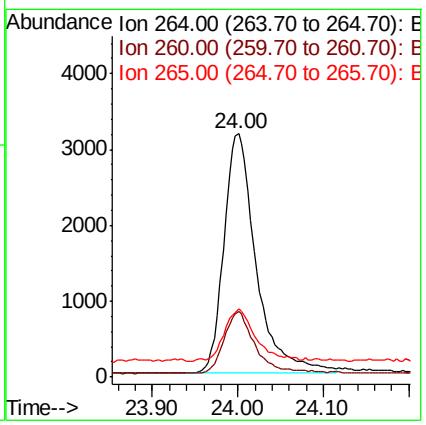


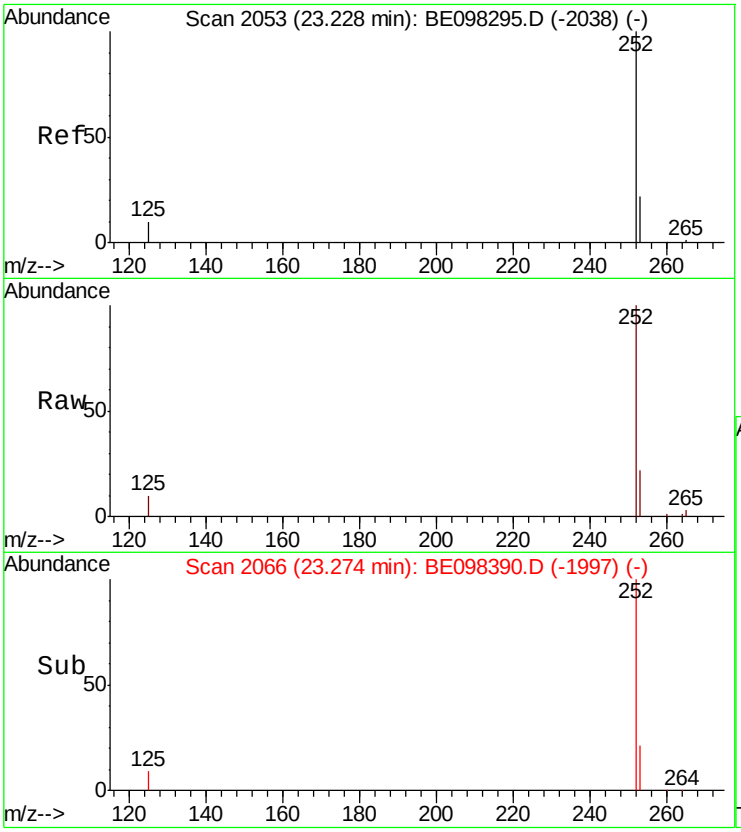


#34
Perylene-d12
Concen: 0.400 ng
RT: 24.00 min Scan# 2270
Delta R.T. -0.01 min
Lab File: BE098390.D
Acq: 13 Dec 2018 10:47

Tgt Ion:264 Resp: 8286

Ion	Ratio	Lower	Upper
264	100		
260	26.9	20.2	30.2
265	28.0	25.2	37.8



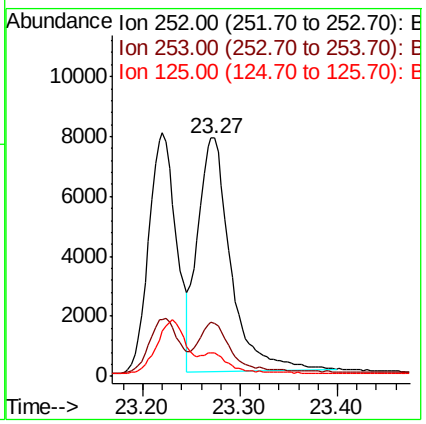


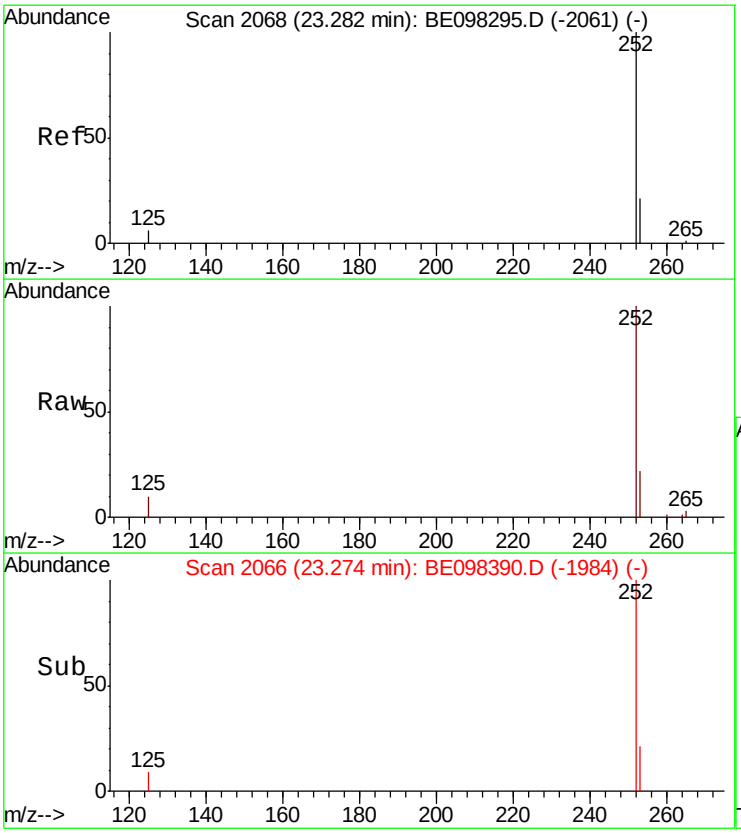
#35
Benzo(b)fluoranthene
Concen: 0.808 ng
RT: 23.27 min Scan# 2066
Delta R.T. 0.05 min
Lab File: BE098390.D
Acq: 13 Dec 2018 10:47

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 18298

Ion	Ratio	Lower	Upper
252	100		
253	22.5	20.0	30.0
125	9.8	9.6	14.4

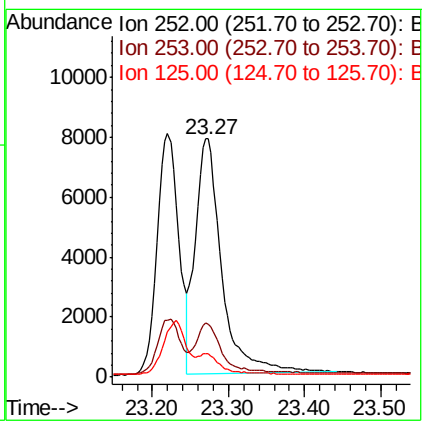


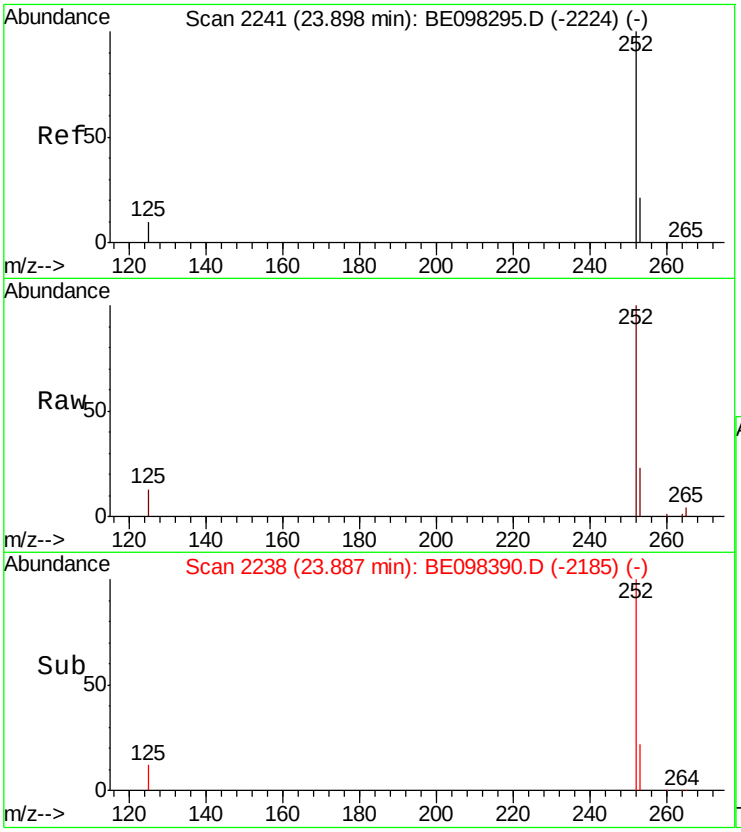


#36
Benzo(k)fluoranthene
Concen: 0.718 ng
RT: 23.27 min Scan# 2066
Delta R.T. -0.01 min
Lab File: BE098390.D
Acq: 13 Dec 2018 10:47

Tgt Ion:252 Resp: 18959

Ion	Ratio	Lower	Upper
252	100		
253	22.5	19.0	28.6
125	9.8	9.1	13.7



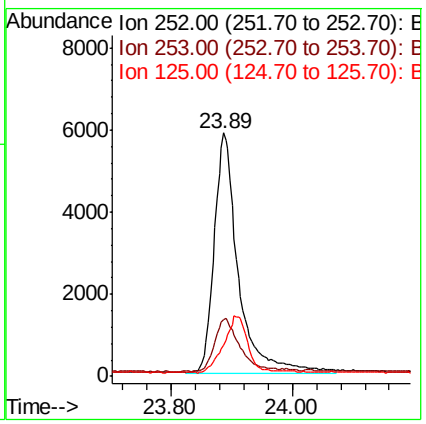


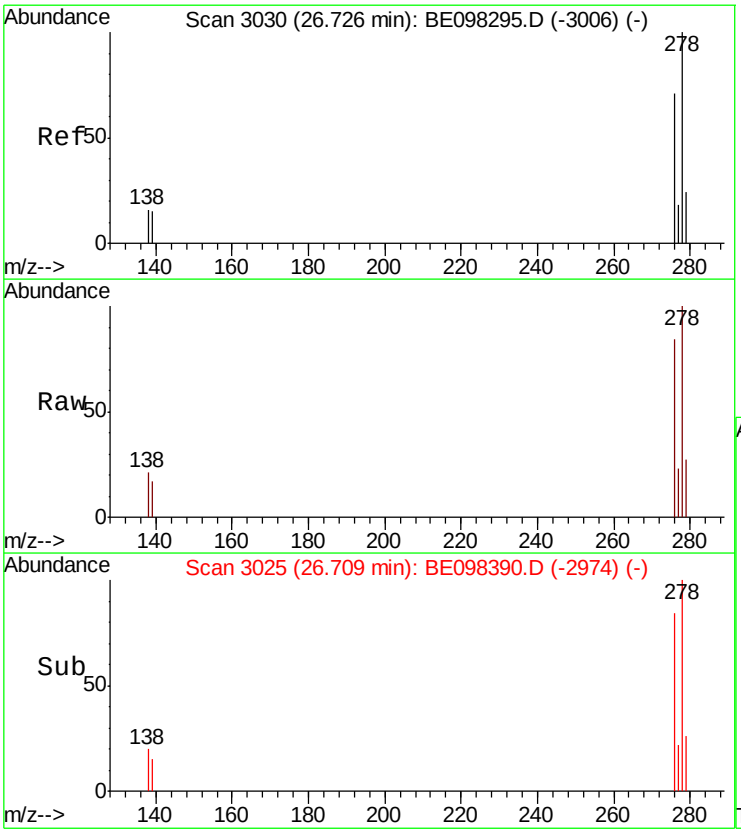
#37
Benzo(a)pyrene
Concen: 0.691 ng
RT: 23.89 min Scan# 2238
Delta R.T. -0.01 min
Lab File: BE098390.D
Acq: 13 Dec 2018 10:47

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 16161

Ion	Ratio	Lower	Upper
252	100		
253	23.3	20.6	30.8
125	13.0	10.5	15.7

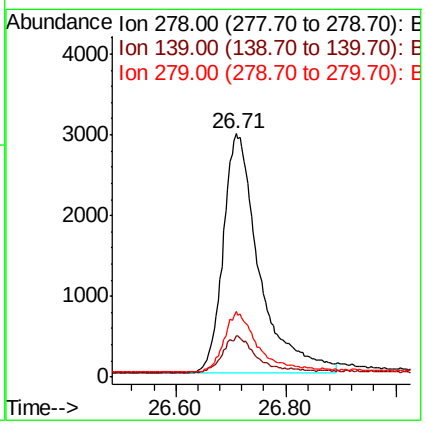


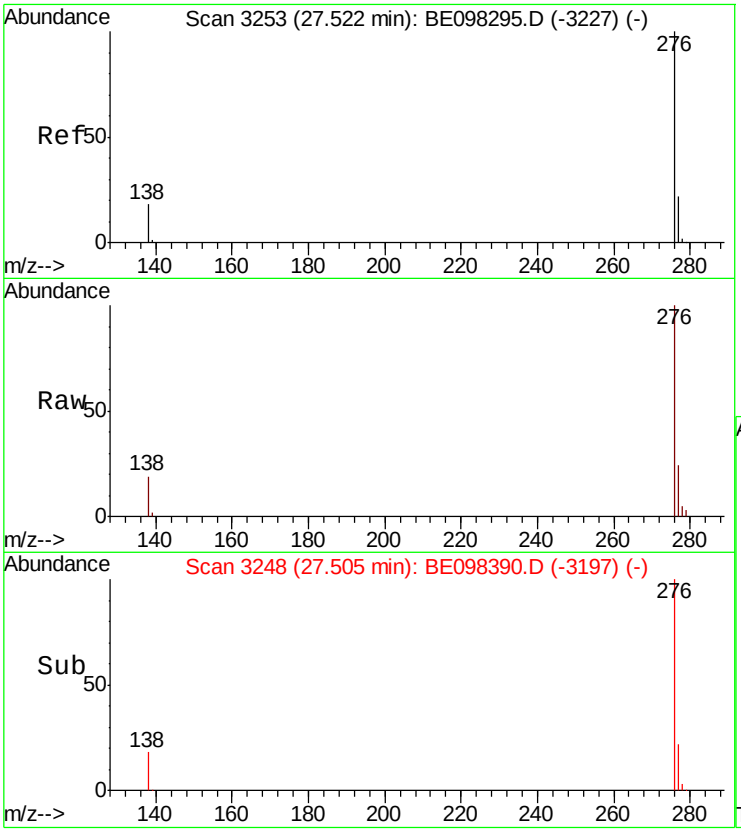


#38
Dibenzo(a,h)anthracene
Concen: 0.617 ng
RT: 26.71 min Scan# 3025
Delta R.T. -0.02 min
Lab File: BE098390.D
Acq: 13 Dec 2018 10:47

Tgt Ion:278 Resp: 13594

Ion	Ratio	Lower	Upper
278	100		
139	16.7	14.5	21.7
279	27.2	21.8	32.8





#39
Benzo(g,h,i)perylene
Concen: 0.590 ng
RT: 27.50 min Scan# 3248
Delta R.T. -0.02 min
Lab File: BE098390.D
Acq: 13 Dec 2018 10:47

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 13089

Ion	Ratio	Lower	Upper
276	100		
277	23.7	20.8	31.2
138	19.0	15.8	23.6