Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE102418\
Data File : BE098034.D
Acq On : 24 Oct 2018 11:25
Operator : SJ/JU
Sample : SSTDICCC0.4
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId :

Quant Time: Oct 24 11:58:05 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE102418.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 24 11:55:09 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.88	152	1233	0.40	ng		0.00
7) Naphthalene-d8	10.68	136	5908	0.40	ng		0.00
13) Acenaphthene-d10	14.54	164	4015	0.40	ng		0.00
19) Phenanthrene-d10	17.29	188	9668	0.40	ng		0.00
27) Chrysene-d12	21.47	240	11752	0.40	ng		0.00
34) Perylene-d12	24.03	264	11490	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.47	112	1440	0.37	ng		0.00
5) Phenol-d6	7.06	99	2411	0.42	ng		0.00
8) Nitrobenzene-d5	9.03	82	2418	0.43	ng		0.00
11) 2-Methylnaphthalene-d10	12.28	152	3983	0.41	ng		0.00
14) 2,4,6-Tribromophenol	16.03	330	754	0.35	ng		0.00
15) 2-Fluorobiphenyl	13.16	172	6090	0.37	ng		0.00
25) Fluoranthene-d10	19.32	212	47680	0.36	ng		0.00
29) Terphenyl-d14	19.92	244	9993	0.37	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.38	88	708	0.329	ng		96
3) n-Nitrosodimethylamine	3.70	42	958	0.399	ng	#	80
6) bis(2-Chloroethyl)ether	7.30	93	1686	0.345	ng		97
9) Naphthalene	10.73	128	22773	0.387	ng		100
10) Hexachlorobutadiene	11.02	225	1515	0.478	ng		98
12) 2-Methylnaphthalene	12.35	142	4169	0.414	ng		97
16) Acenaphthylene	14.27	152	6921	0.373	ng		99
17) Acenaphthene	14.60	154	4267	0.376	ng		98
18) Fluorene	15.59	166	5678	0.364	ng		97
20) 4-Bromophenyl-phenylether	16.48	248	2307	0.437	ng	#	85
21) Hexachlorobenzene	16.60	284	2350	0.452	ng		98
22) Pentachlorophenol	16.95	266	183	0.122	ng	#	78
23) Phenanthrene	17.34	178	9131	0.372	ng		100
24) Anthracene	17.42	178	8821	0.380	ng		99
26) Fluoranthene	19.35	202	11389	0.353	ng		96
28) Pyrene	19.71	202	11978	0.353	ng		100
30) Benzo(a)anthracene	21.46	228	12826	0.356	ng		99
31) Chrysene	21.51	228	12586	0.369	ng		97
32) Bis(2-ethylhexyl)phthalate	21.38	149	30518	0.363	ng		100
33) Indeno(1,2,3-cd)pyrene	26.73	276	13693	0.373	ng		96
35) Benzo(b)fluoranthene	23.25	252	12167	0.368	ng	#	93
36) Benzo(k)fluoranthene	23.30	252	12429	0.361	ng	#	93
37) Benzo(a)pyrene	23.92	252	11770	0.365	ng	#	93
38) Dibenzo(a,h)anthracene	26.75	278	11628	0.368	ng	#	95
39) Benzo(g,h,i)perylene	27.55	276	11466	0.355	ng	#	93

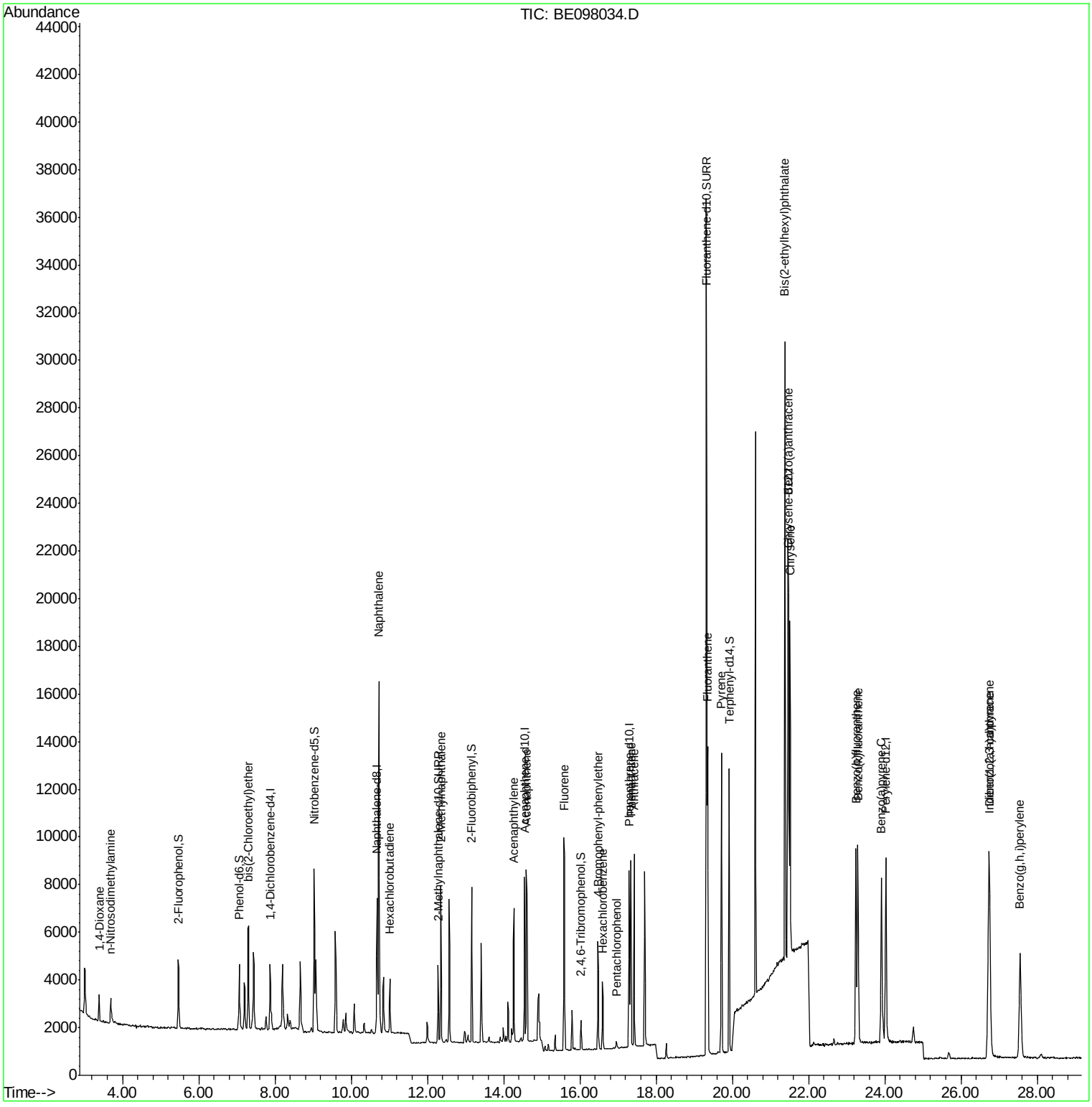
(#) = qualifier out of range (m) = manual integration (+) = signals summed

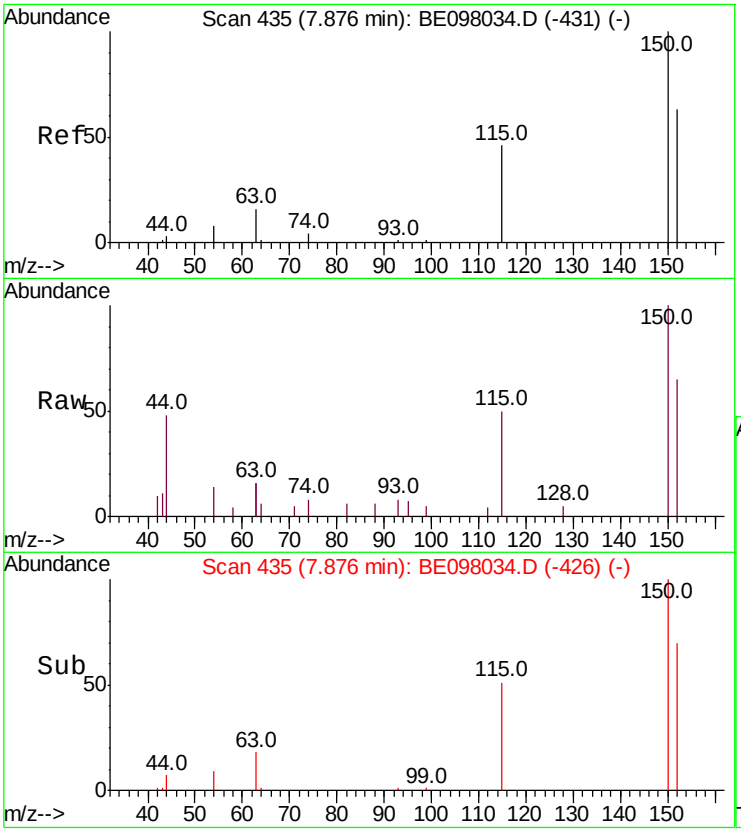
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE102418\
Data File : BE098034.D
Acq On : 24 Oct 2018 11:25
Operator : SJ/JU
Sample : SSTDICCC0.4
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :

Quant Time: Oct 24 11:58:05 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE102418.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 24 11:55:09 2018
Response via : Initial Calibration



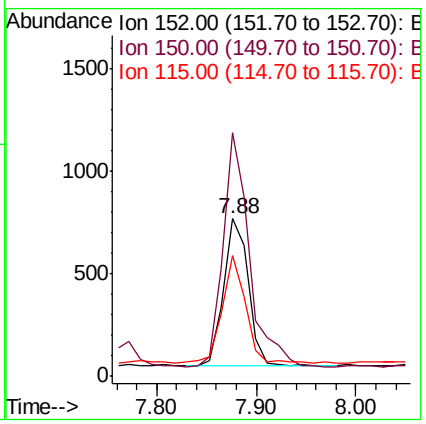


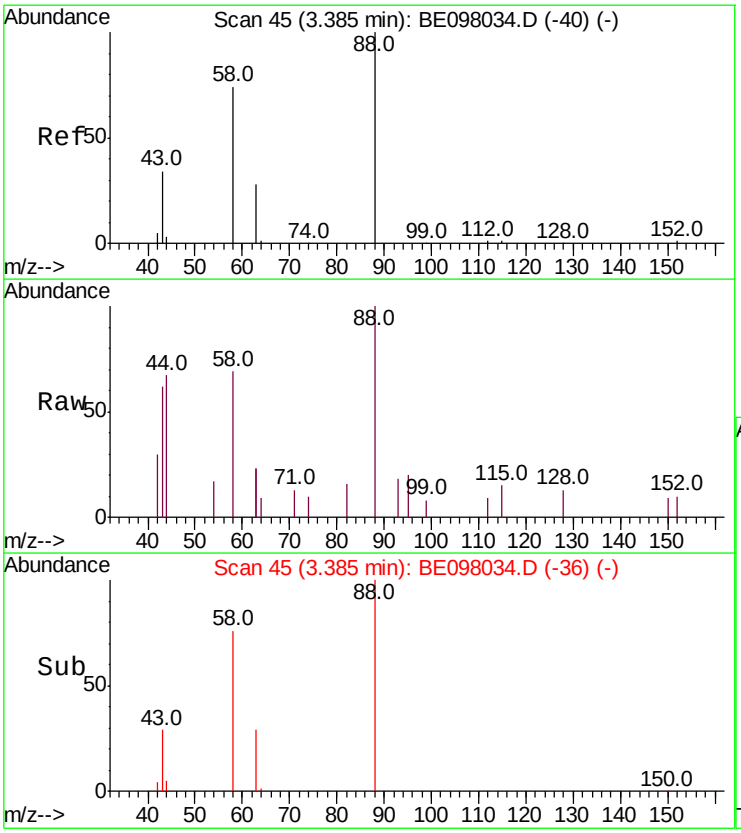
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.88 min Scan# 435
Delta R.T. 0.00 min
Lab File: BE098034.D
Acq: 24 Oct 2018 11:25

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 1233

Ion	Ratio	Lower	Upper
152	100		
150	154.4	118.2	177.4
115	76.9	50.9	76.3#

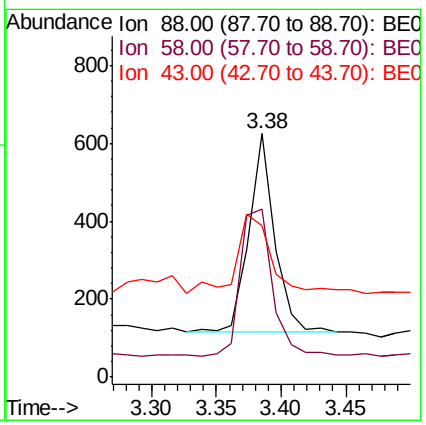


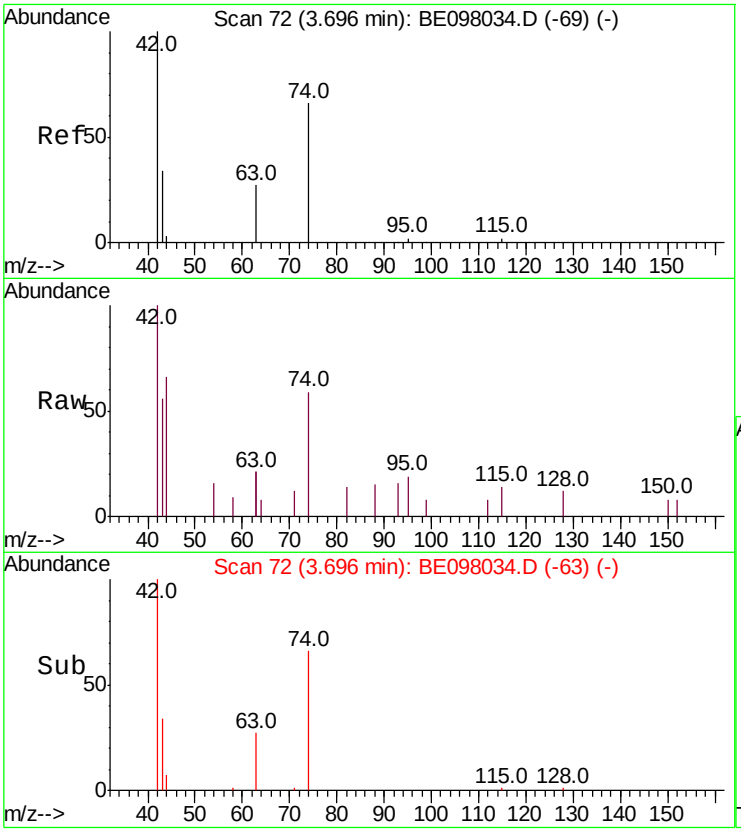


#2
1,4-Dioxane
Concen: 0.329 ng
RT: 3.38 min Scan# 45
Delta R.T. 0.00 min
Lab File: BE098034.D
Acq: 24 Oct 2018 11:25

Tgt Ion: 88 Resp: 708

Ion	Ratio	Lower	Upper
88	100		
58	89.5	73.2	109.8
43	41.0	36.9	55.3



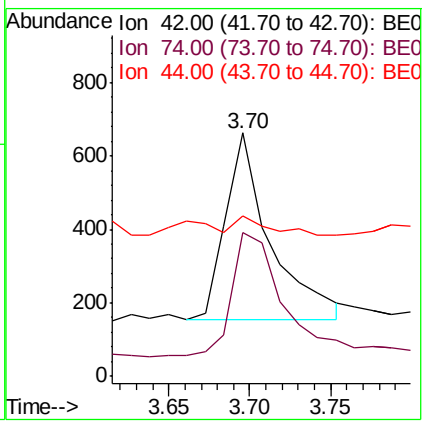


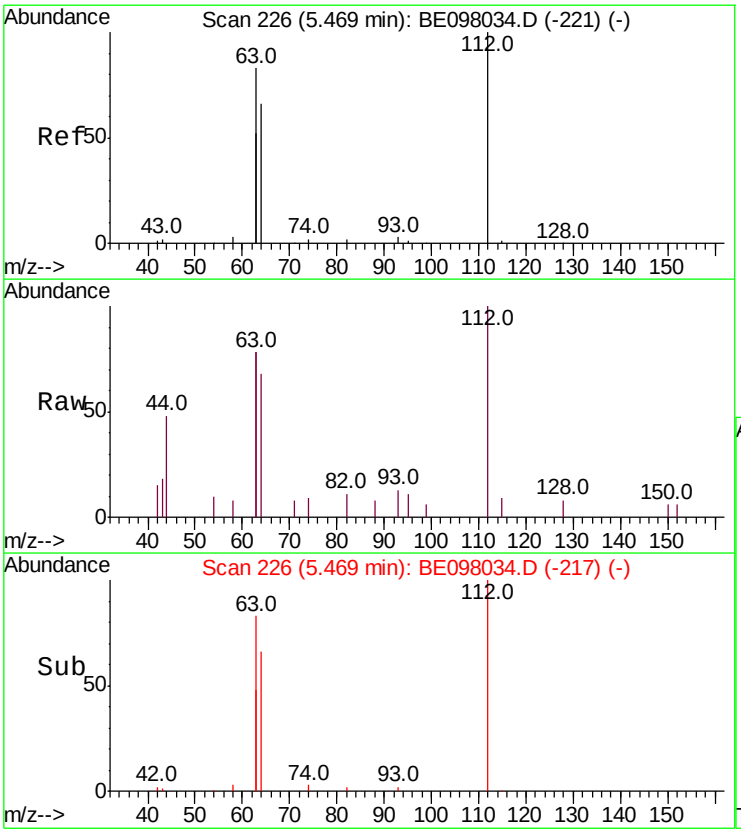
#3
n-Nitrosodimethylamine
Concen: 0.399 ng
RT: 3.70 min Scan# 72
Delta R.T. 0.00 min
Lab File: BE098034.D
Acq: 24 Oct 2018 11:25

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 42 Resp: 958

Ion	Ratio	Lower	Upper
42	100		
74	75.4	77.6	116.4#
44	7.9	7.6	11.4

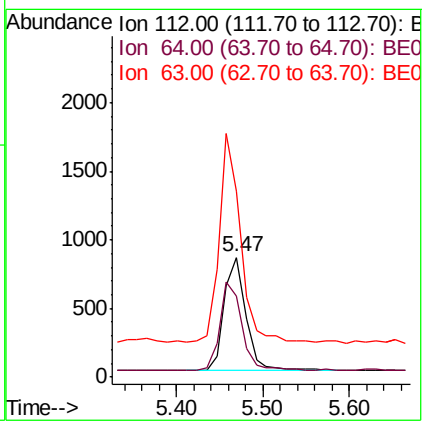


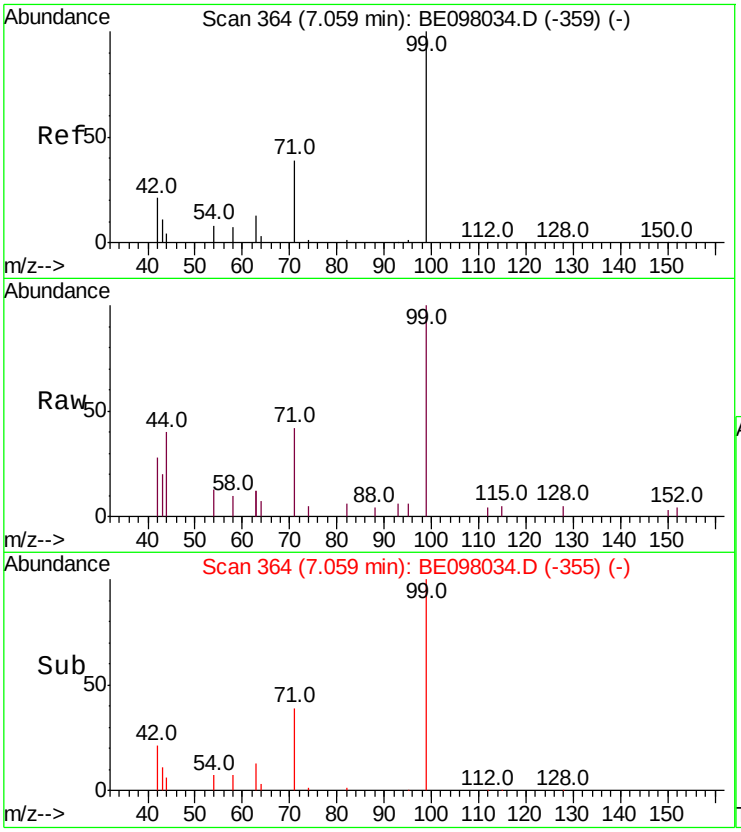


#4
2-Fluorophenol
Concen: 0.370 ng
RT: 5.47 min Scan# 226
Delta R.T. 0.00 min
Lab File: BE098034.D
Acq: 24 Oct 2018 11:25

Tgt Ion:112 Resp: 1440

Ion	Ratio	Lower	Upper
112	100		
64	79.9	58.9	88.3
63	181.5	120.3	180.5#



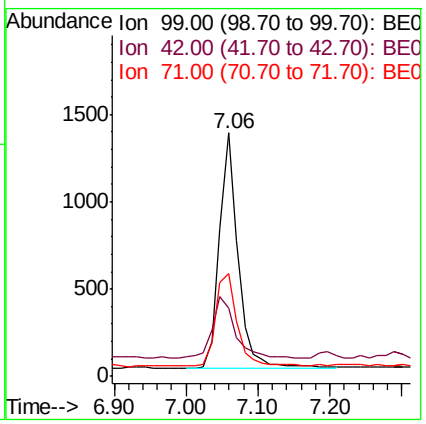


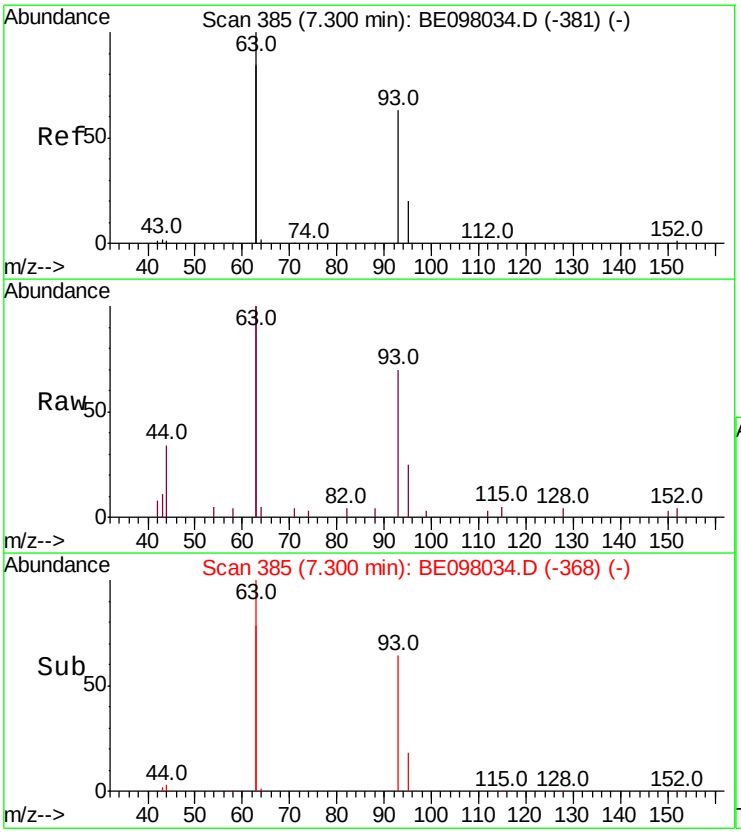
#5
Phenol-d6
Concen: 0.420 ng
RT: 7.06 min Scan# 364
Delta R.T. 0.00 min
Lab File: BE098034.D
Acq: 24 Oct 2018 11:25

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 99 Resp: 2411

Ion	Ratio	Lower	Upper
99	100		
42	32.1	19.9	29.9#
71	45.4	27.8	41.8#

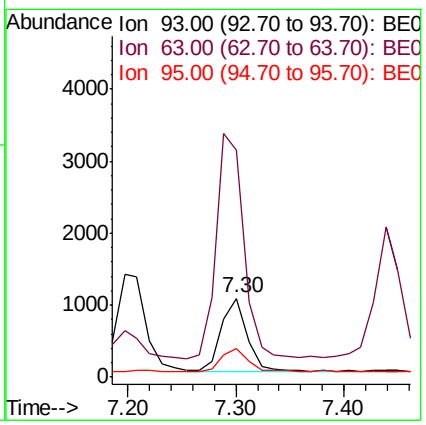


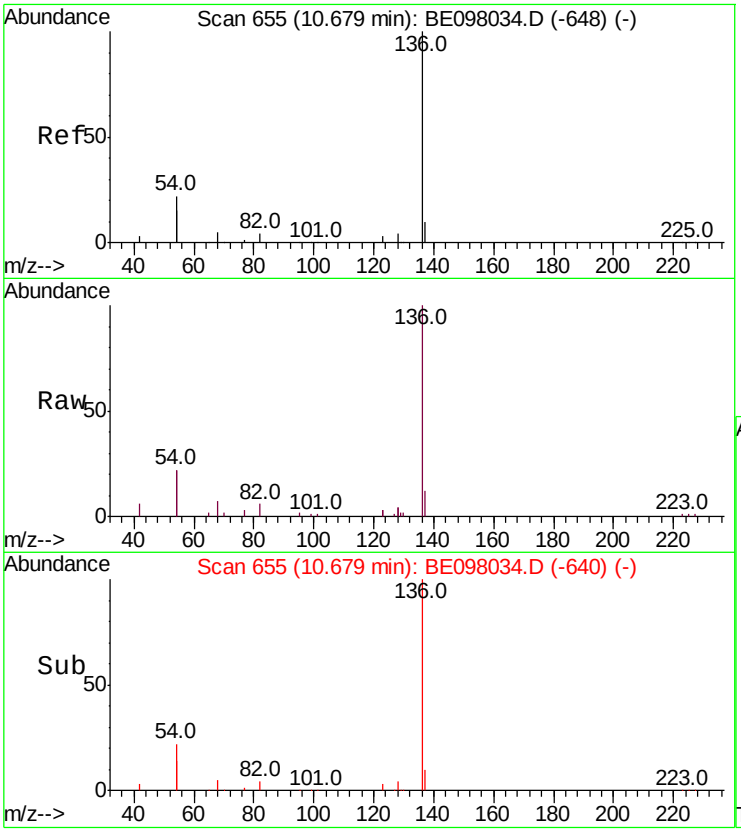


#6
bis(2-Chloroethyl)ether
Concen: 0.345 ng
RT: 7.30 min Scan# 385
Delta R.T. 0.00 min
Lab File: BE098034.D
Acq: 24 Oct 2018 11:25

Tgt Ion: 93 Resp: 1686

Ion	Ratio	Lower	Upper
93	100		
63	329.5	259.0	388.4
95	34.3	27.8	41.8



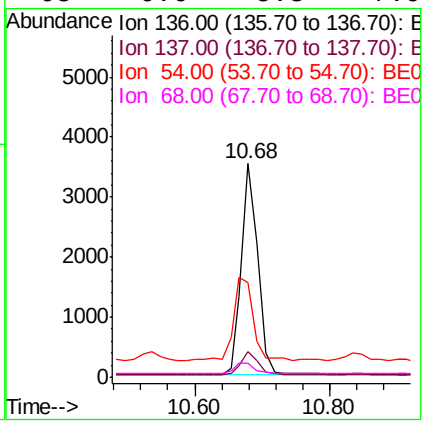


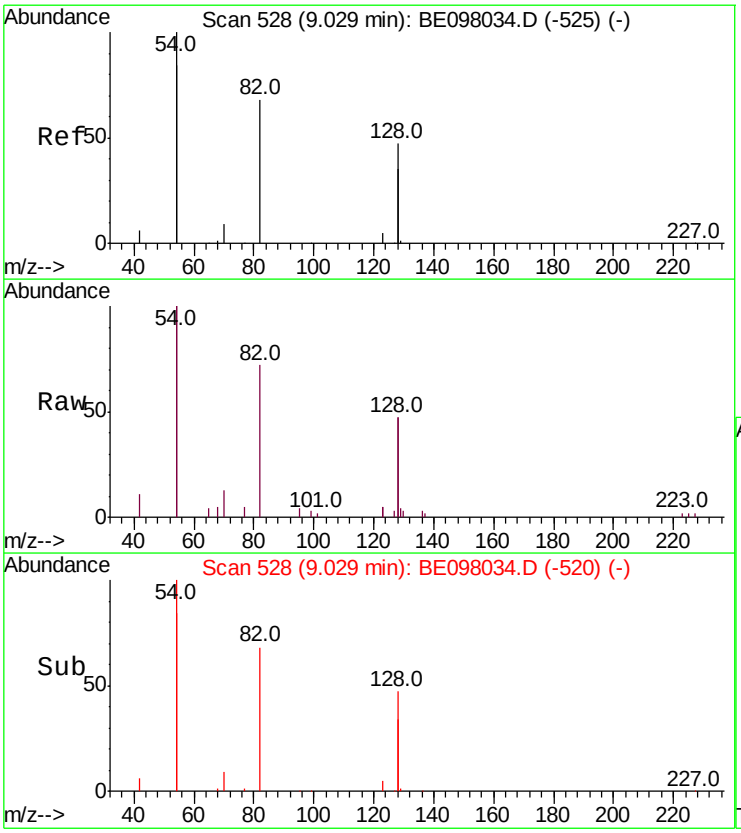
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.68 min Scan# 655
Delta R.T. 0.00 min
Lab File: BE098034.D
Acq: 24 Oct 2018 11:25

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:136 Resp: 5908

Ion	Ratio	Lower	Upper
136	100		
137	11.7	9.6	14.4
54	44.1	27.7	41.5#
68	6.6	5.3	7.9

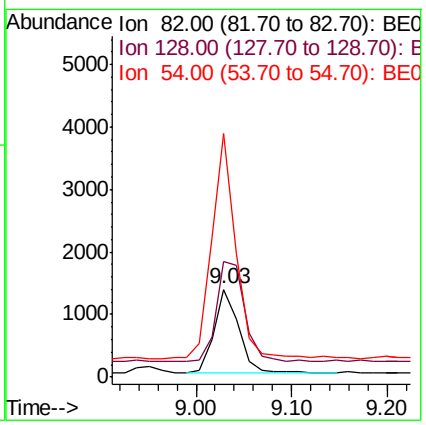


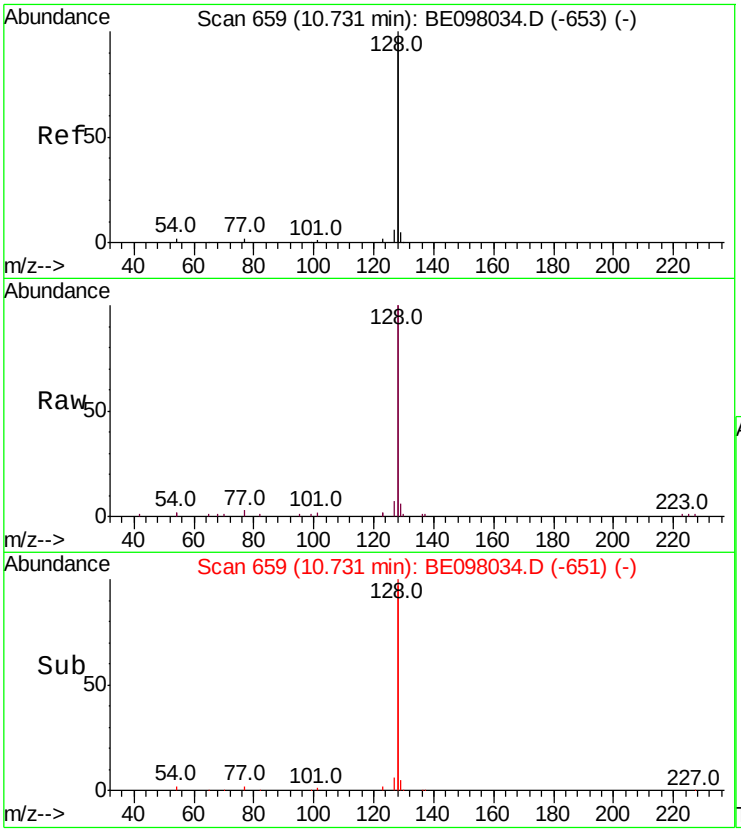


#8
Nitrobenzene-d5
Concen: 0.432 ng
RT: 9.03 min Scan# 528
Delta R.T. 0.00 min
Lab File: BE098034.D
Acq: 24 Oct 2018 11:25

Tgt Ion: 82 Resp: 2418

Ion	Ratio	Lower	Upper
82	100		
128	131.5	129.9	194.9
54	278.3	174.0	261.0#



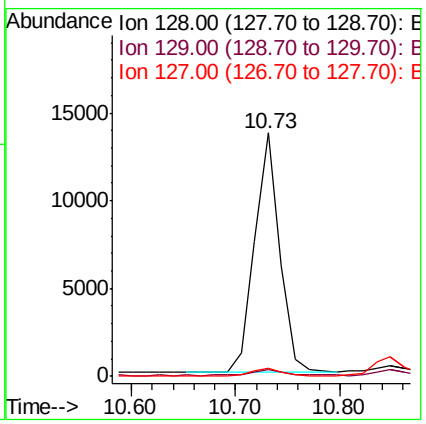


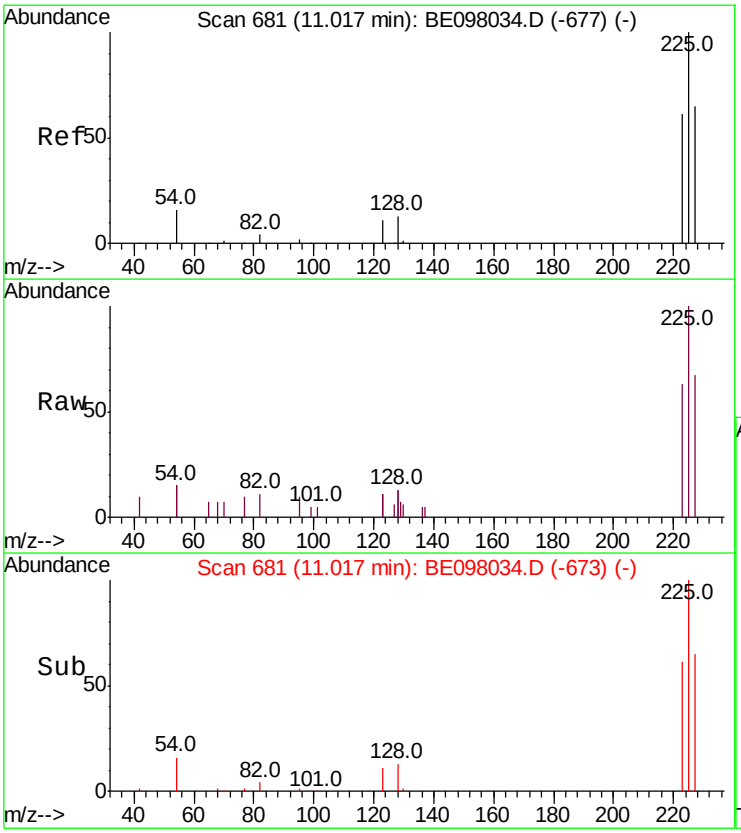
#9
Naphthalene
Concen: 0.387 ng
RT: 10.73 min Scan# 659
Delta R.T. 0.00 min
Lab File: BE098034.D
Acq: 24 Oct 2018 11:25

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:128 Resp: 22773

Ion	Ratio	Lower	Upper
128	100		
129	3.0	2.5	3.7
127	3.5	2.8	4.2

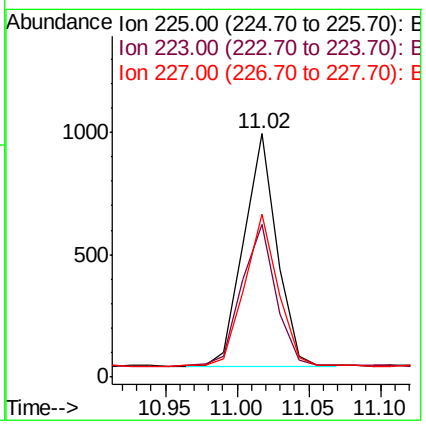


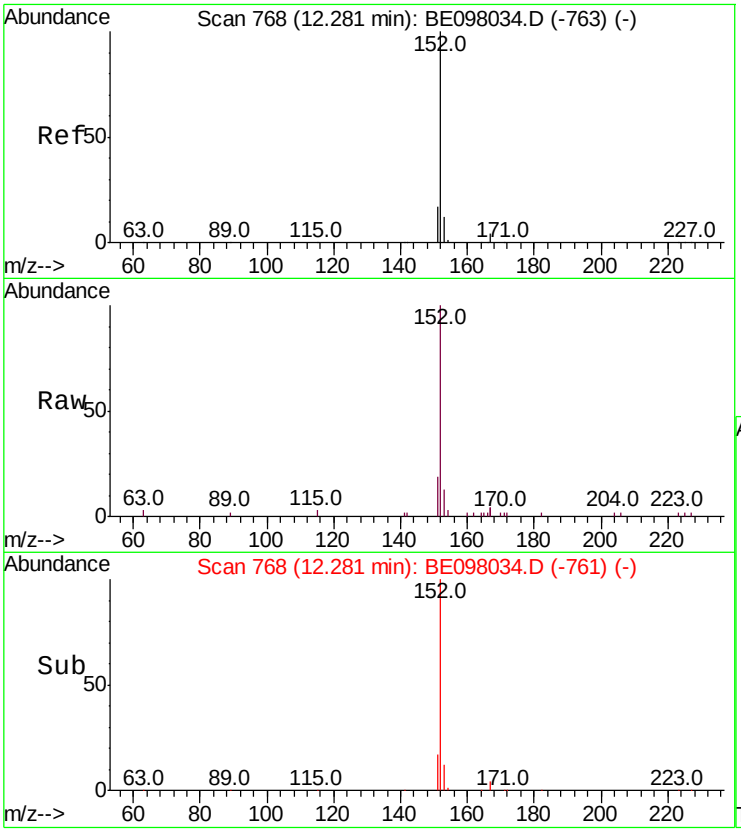


#10
Hexachlorobutadiene
Concen: 0.478 ng
RT: 11.02 min Scan# 681
Delta R.T. 0.00 min
Lab File: BE098034.D
Acq: 24 Oct 2018 11:25

Tgt Ion:225 Resp: 1515

Ion	Ratio	Lower	Upper
225	100		
223	62.9	51.8	77.8
227	65.5	53.0	79.6



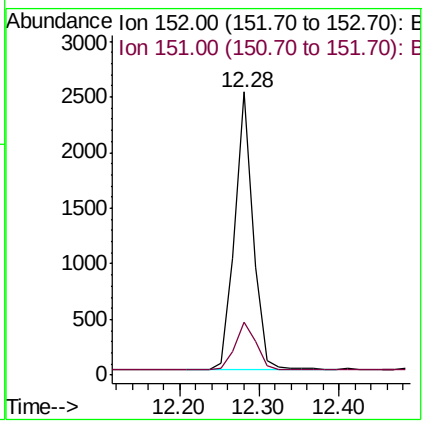


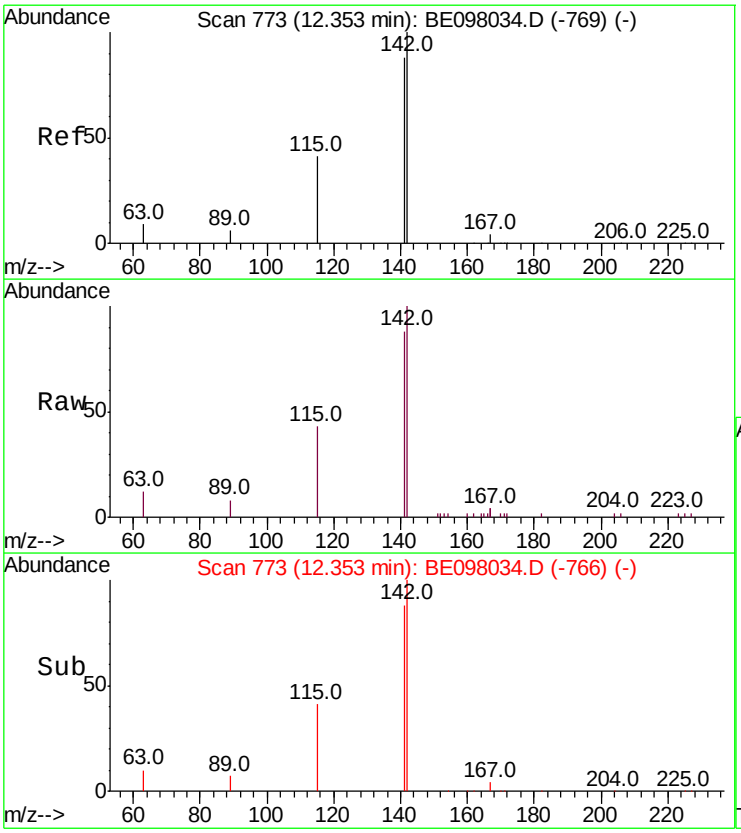
#11
2-Methylnaphthalene-d10
Concen: 0.405 ng
RT: 12.28 min Scan# 768
Delta R.T. 0.00 min
Lab File: BE098034.D
Acq: 24 Oct 2018 11:25

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 3983

Ion	Ratio	Lower	Upper
152	100		
151	19.7	16.2	24.4

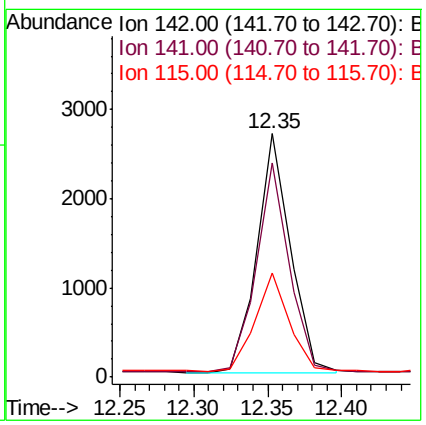


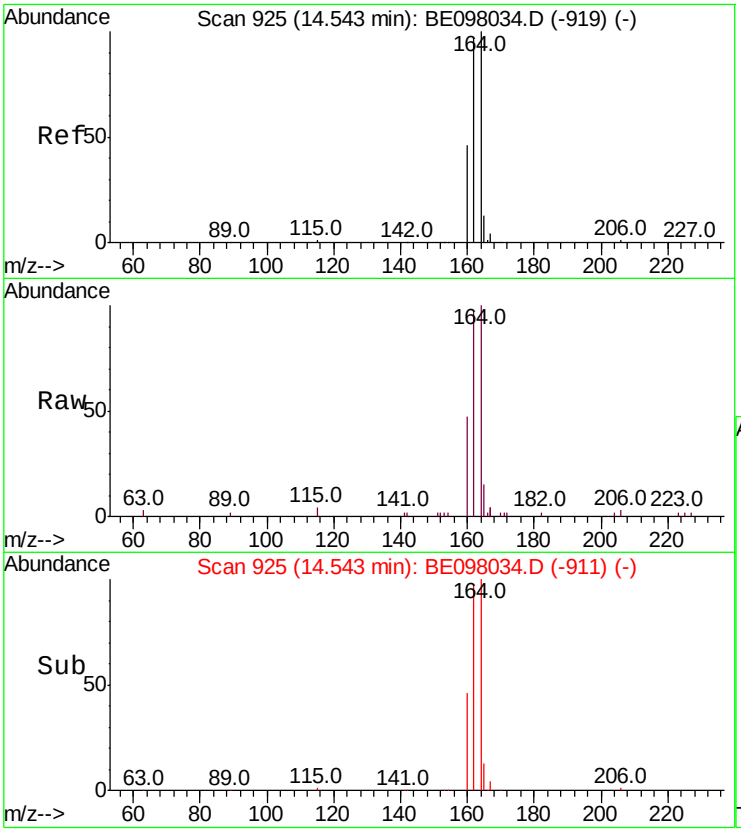


#12
2-Methylnaphthalene
Concen: 0.414 ng
RT: 12.35 min Scan# 773
Delta R.T. 0.00 min
Lab File: BE098034.D
Acq: 24 Oct 2018 11:25

Tgt Ion:142 Resp: 4169

Ion	Ratio	Lower	Upper
142	100		
141	88.2	69.8	104.6
115	42.8	30.5	45.7



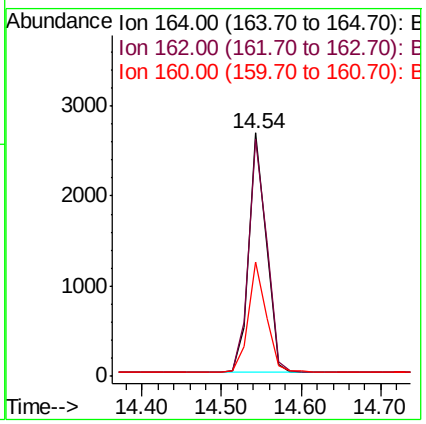


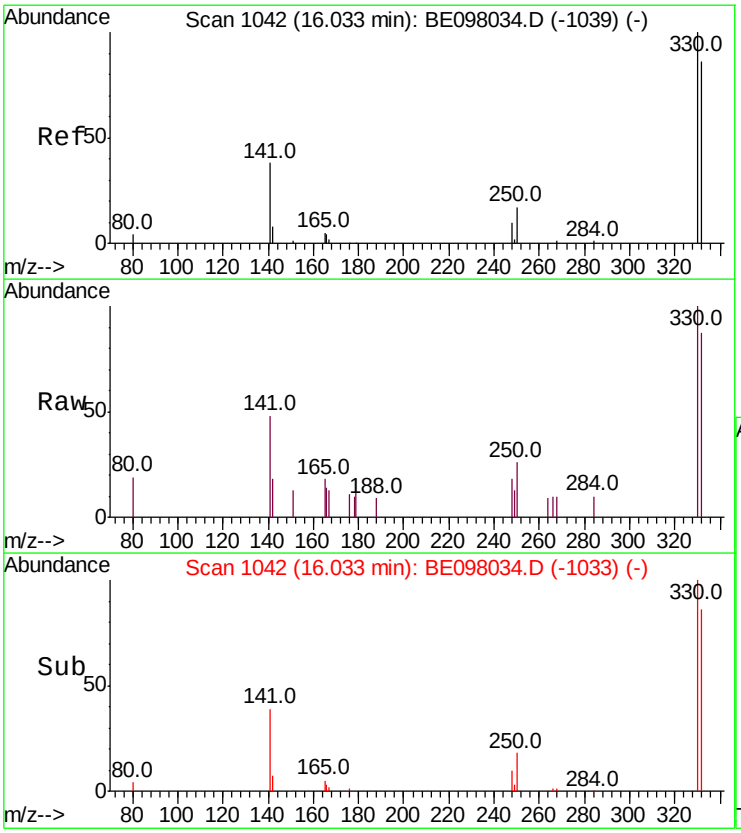
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.54 min Scan# 925
Delta R.T. 0.00 min
Lab File: BE098034.D
Acq: 24 Oct 2018 11:25

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:164 Resp: 4015

Ion	Ratio	Lower	Upper
164	100		
162	97.3	77.4	116.2
160	47.0	36.5	54.7

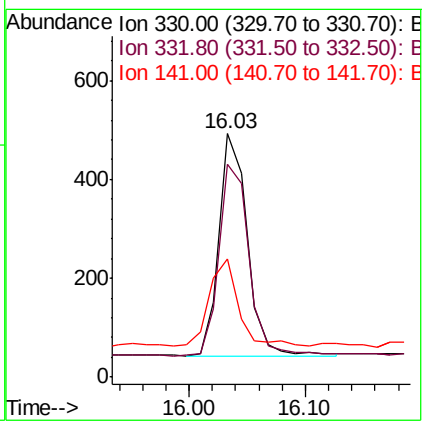


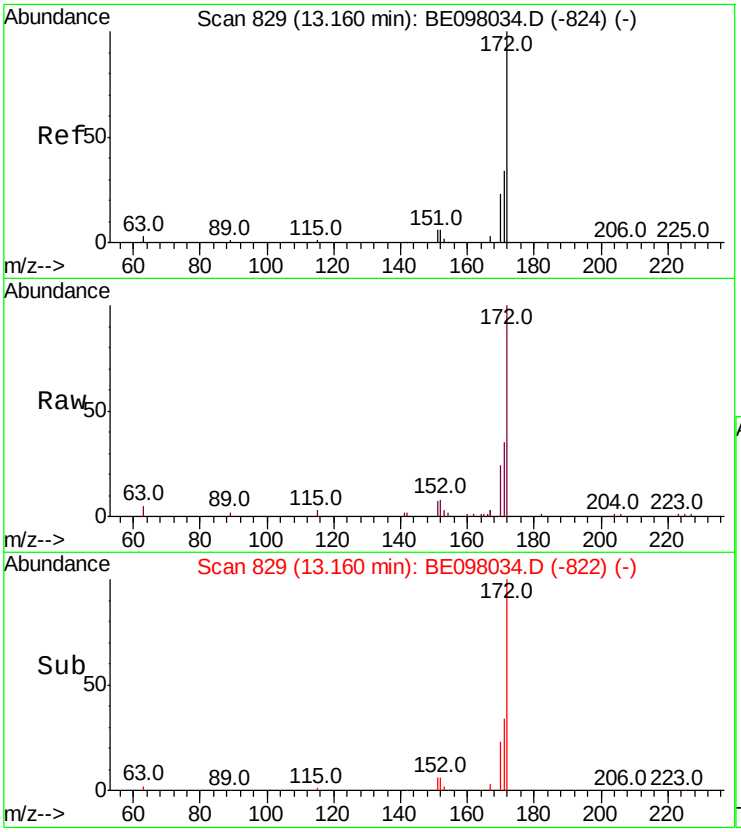


#14
2,4,6-Tribromophenol
Concen: 0.349 ng
RT: 16.03 min Scan# 1042
Delta R.T. 0.00 min
Lab File: BE098034.D
Acq: 24 Oct 2018 11:25

Tgt Ion:330 Resp: 754

Ion	Ratio	Lower	Upper
330	100		
332	92.8	76.5	114.7
141	40.3	31.8	47.6



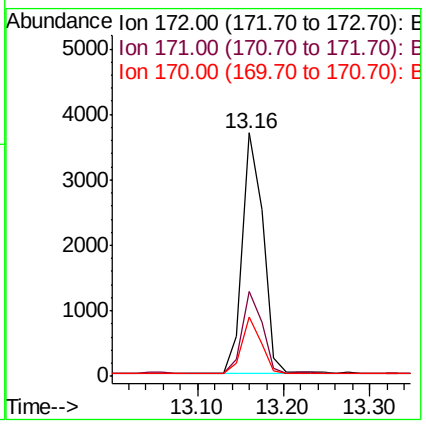


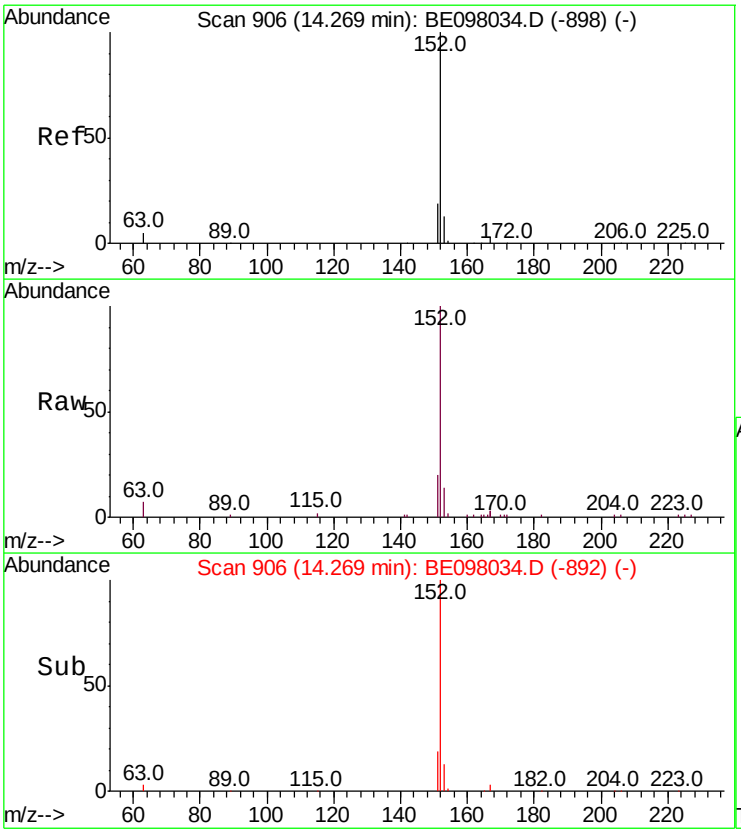
#15
2-Fluorobiphenyl
Concen: 0.371 ng
RT: 13.16 min Scan# 829
Delta R.T. 0.00 min
Lab File: BE098034.D
Acq: 24 Oct 2018 11:25

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:172 Resp: 6090

Ion	Ratio	Lower	Upper
172	100		
171	34.8	26.0	39.0
170	24.2	18.0	27.0

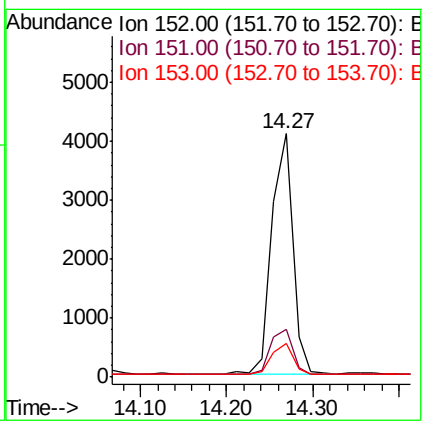


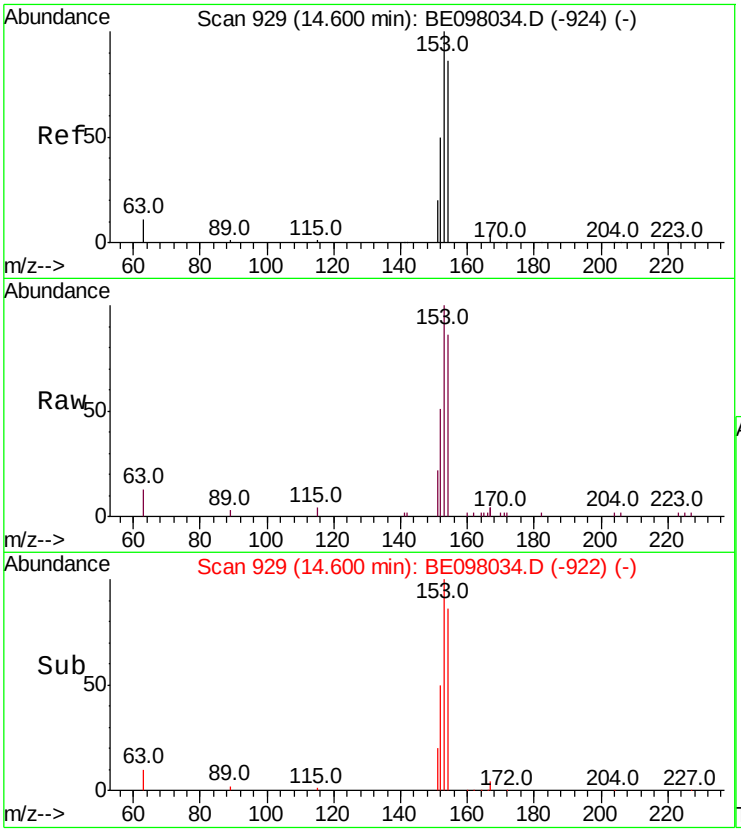


#16
Acenaphthylene
Concen: 0.373 ng
RT: 14.27 min Scan# 906
Delta R.T. 0.00 min
Lab File: BE098034.D
Acq: 24 Oct 2018 11:25

Tgt Ion:152 Resp: 6921

Ion	Ratio	Lower	Upper
152	100		
151	20.0	16.1	24.1
153	13.1	10.9	16.3



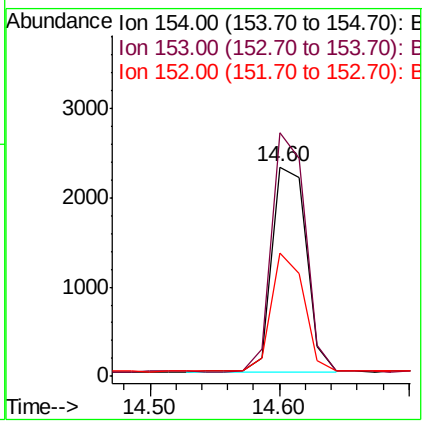


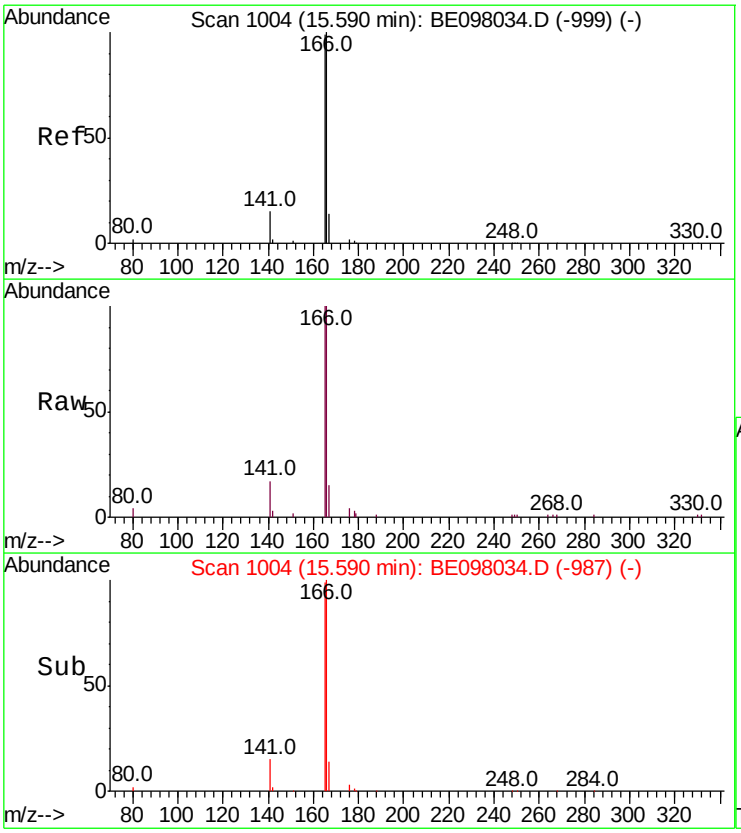
#17
Acenaphthene
Concen: 0.376 ng
RT: 14.60 min Scan# 929
Delta R.T. 0.00 min
Lab File: BE098034.D
Acq: 24 Oct 2018 11:25

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:154 Resp: 4267

Ion	Ratio	Lower	Upper
154	100		
153	114.3	92.6	139.0
152	54.1	45.5	68.3

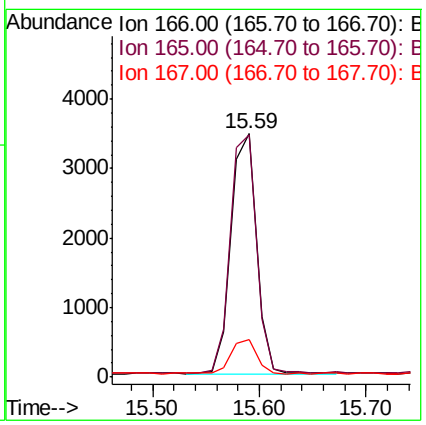


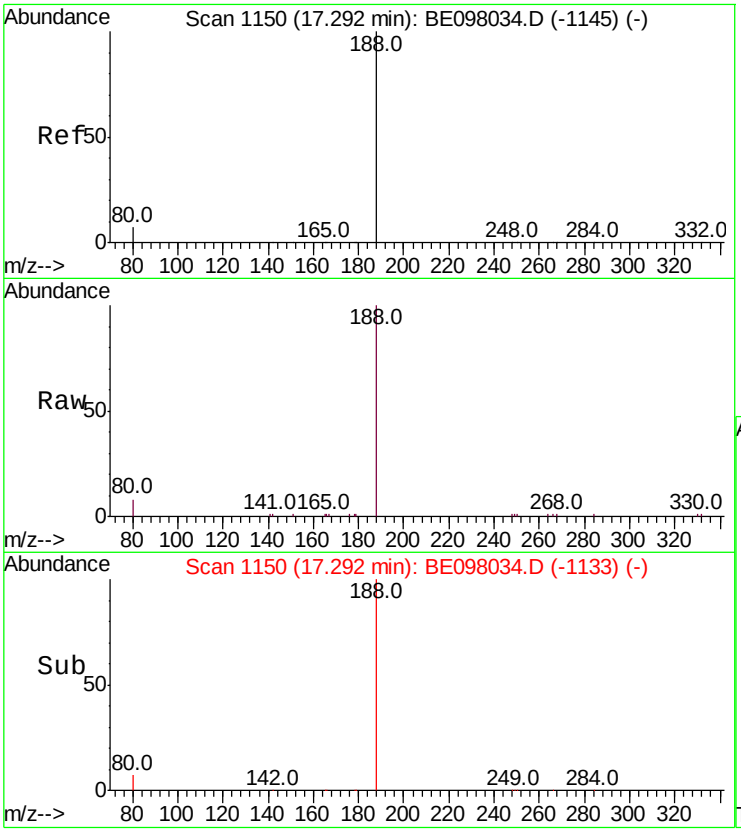


#18
Fluorene
Concen: 0.364 ng
RT: 15.59 min Scan# 1004
Delta R.T. 0.00 min
Lab File: BE098034.D
Acq: 24 Oct 2018 11:25

Tgt Ion:166 Resp: 5678

Ion	Ratio	Lower	Upper
166	100		
165	101.5	78.2	117.4
167	14.5	11.0	16.6



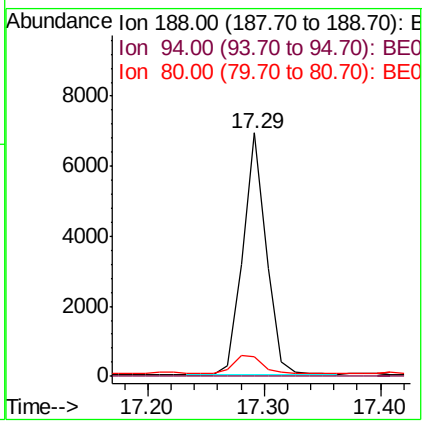


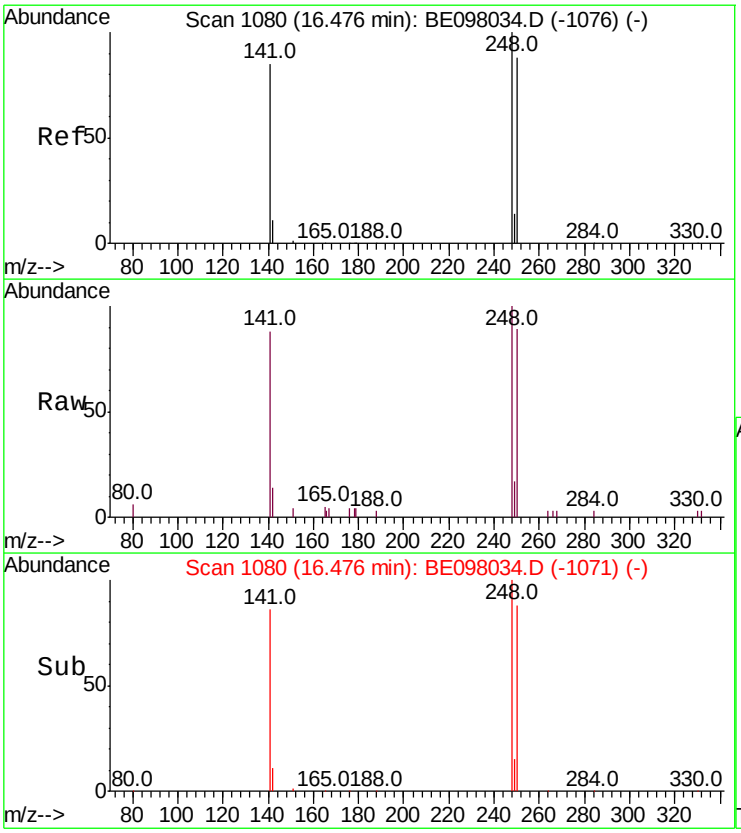
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.29 min Scan# 1150
Delta R.T. 0.00 min
Lab File: BE098034.D
Acq: 24 Oct 2018 11:25

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:188 Resp: 9668

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	8.2	6.3	9.5

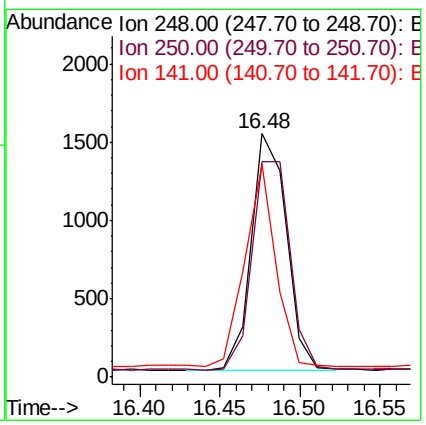


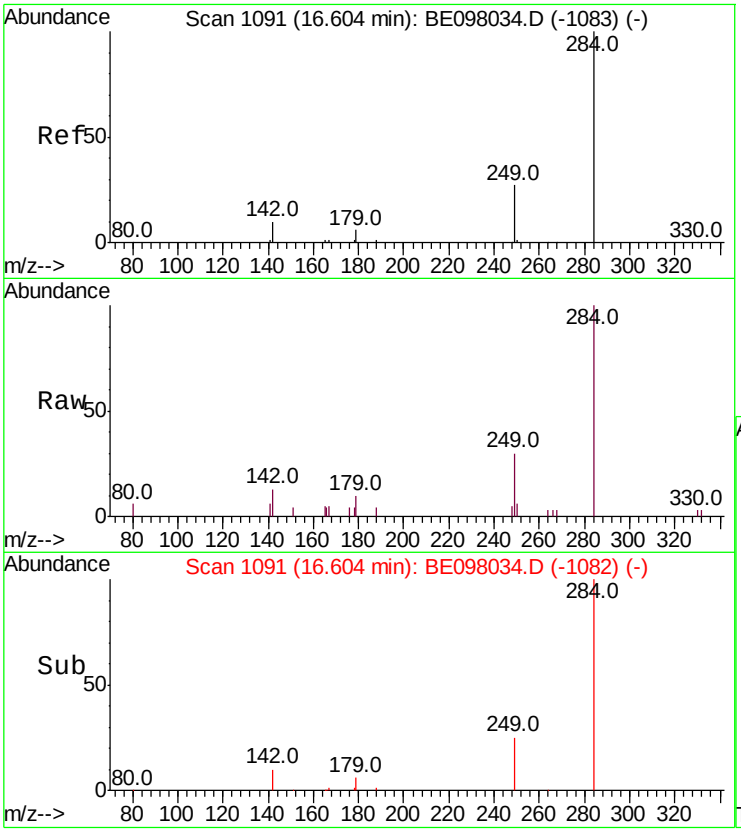


#20
4-Bromophenyl-phenylether
Concen: 0.437 ng
RT: 16.48 min Scan# 1080
Delta R.T. 0.00 min
Lab File: BE098034.D
Acq: 24 Oct 2018 11:25

Tgt Ion:248 Resp: 2307

Ion	Ratio	Lower	Upper
248	100		
250	88.5	75.1	112.7
141	87.6	51.8	77.8#



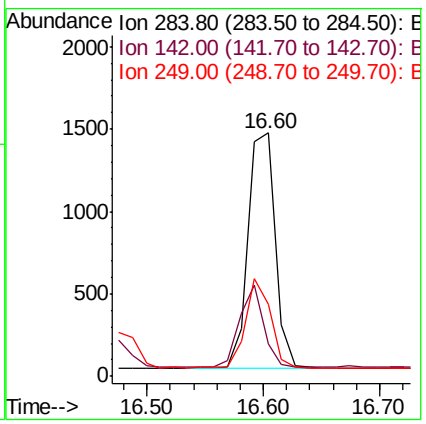


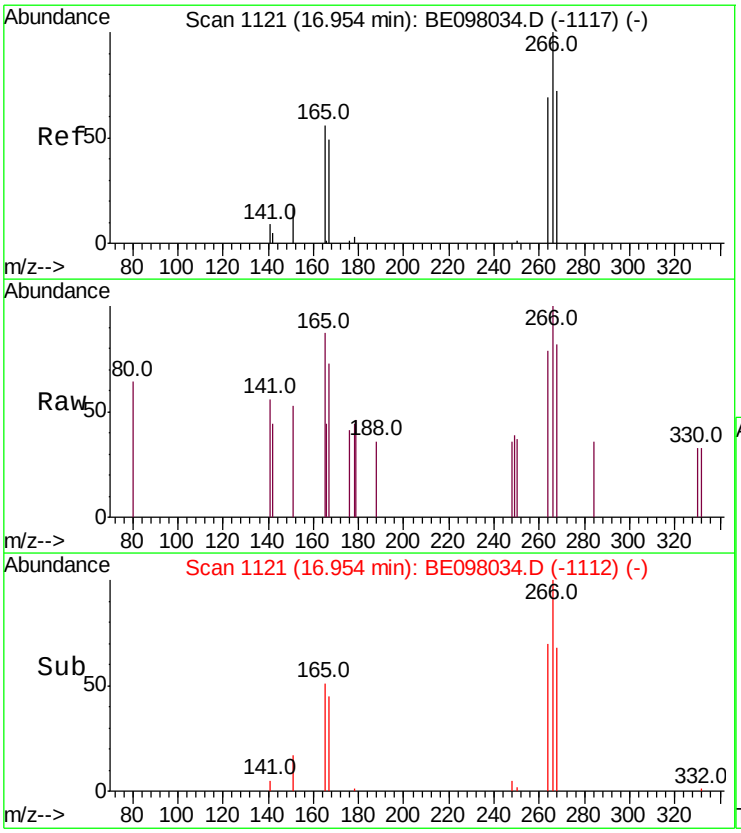
#21
Hexachlorobenzene
Concen: 0.452 ng
RT: 16.60 min Scan# 1091
Delta R.T. 0.00 min
Lab File: BE098034.D
Acq: 24 Oct 2018 11:25

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:284 Resp: 2350

Ion	Ratio	Lower	Upper
284	100		
142	30.9	25.9	38.9
249	34.4	26.6	40.0

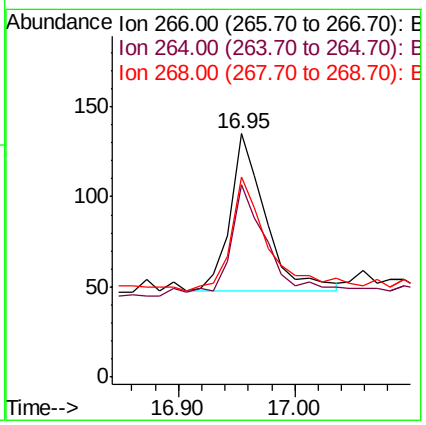


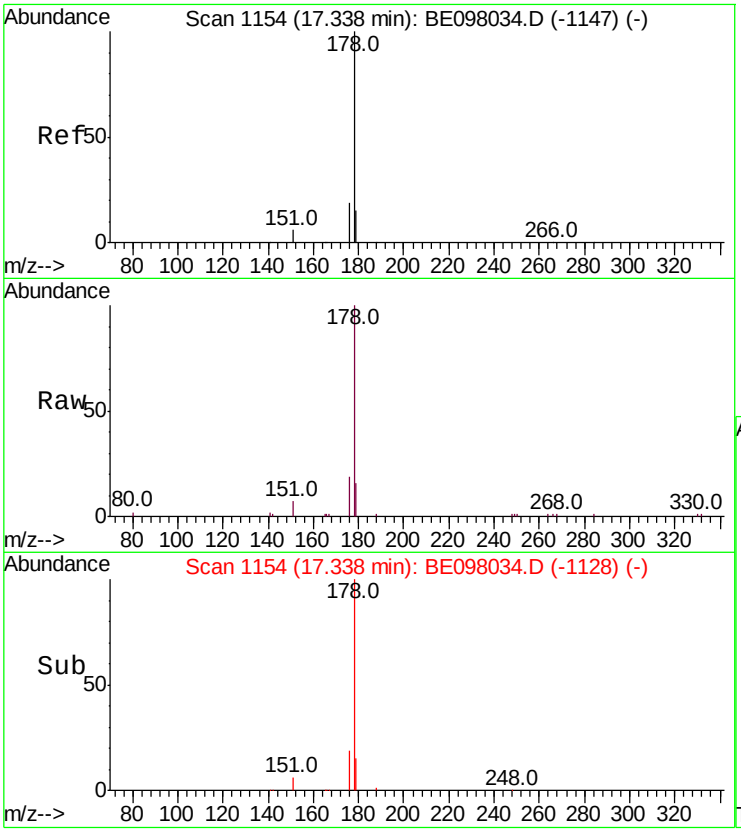


#22
Pentachlorophenol
Concen: 0.122 ng
RT: 16.95 min Scan# 1121
Delta R.T. 0.00 min
Lab File: BE098034.D
Acq: 24 Oct 2018 11:25

Tgt Ion:266 Resp: 183

Ion	Ratio	Lower	Upper
266	100		
264	79.3	51.3	76.9#
268	82.2	50.1	75.1#



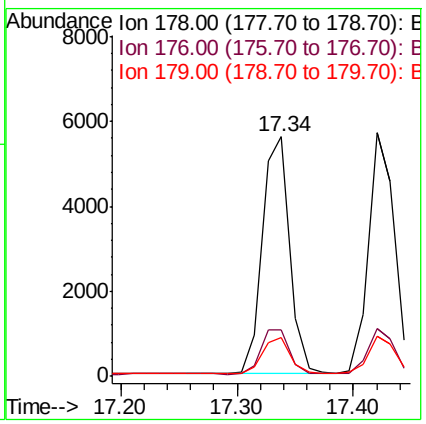


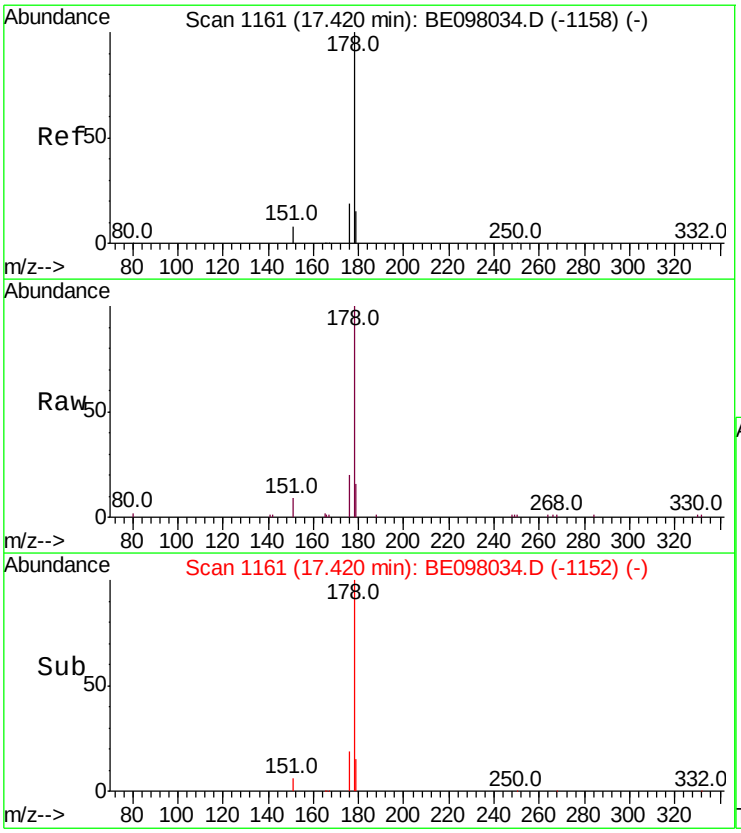
#23
Phenanthrene
Concen: 0.372 ng
RT: 17.34 min Scan# 1154
Delta R.T. 0.00 min
Lab File: BE098034.D
Acq: 24 Oct 2018 11:25

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:178 Resp: 9131

Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.5	23.3
179	15.1	12.2	18.4

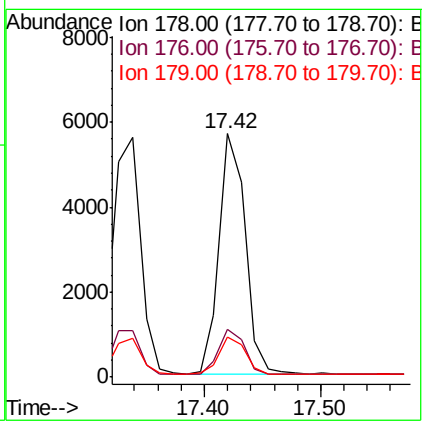


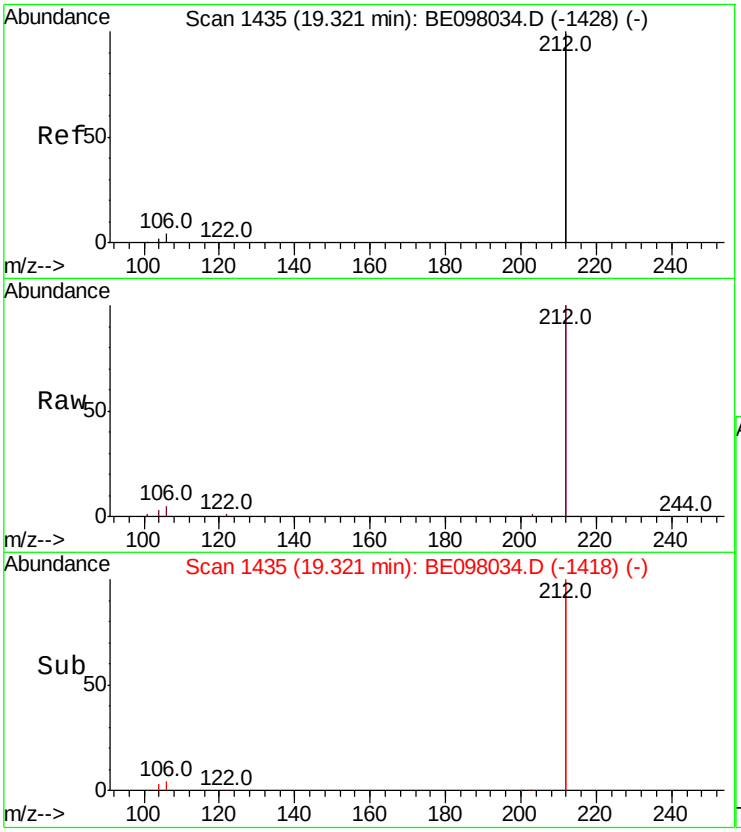


#24
Anthracene
Concen: 0.380 ng
RT: 17.42 min Scan# 1161
Delta R.T. 0.00 min
Lab File: BE098034.D
Acq: 24 Oct 2018 11:25

Tgt Ion:178 Resp: 8821

Ion	Ratio	Lower	Upper
178	100		
176	19.2	14.9	22.3
179	15.6	11.9	17.9



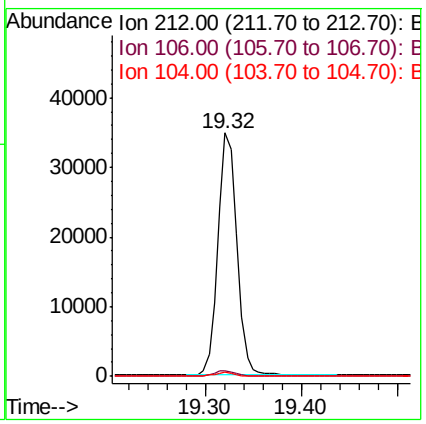


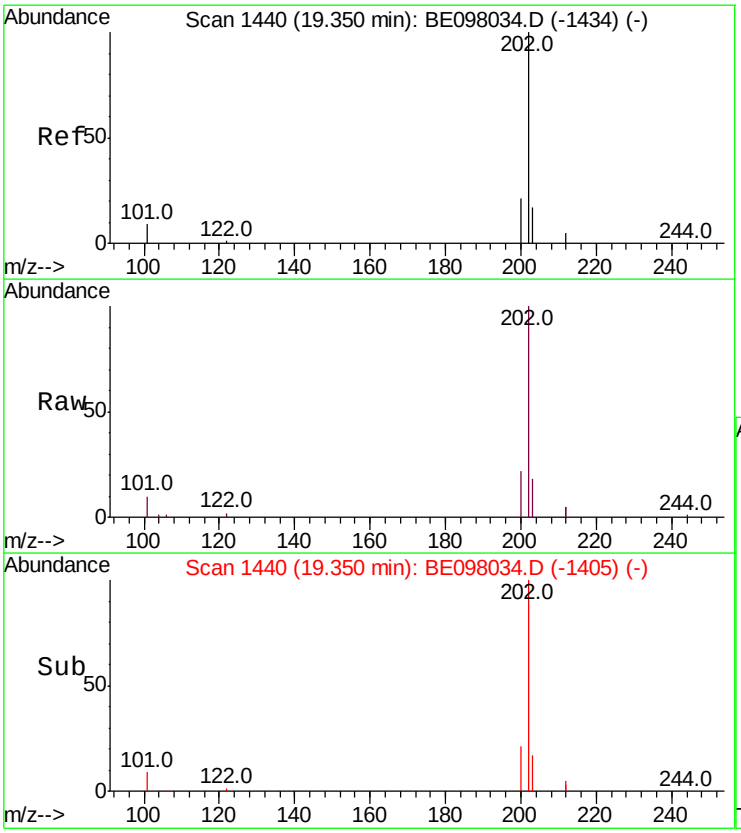
#25
Fluoranthene-d10
Concen: 0.364 ng
RT: 19.32 min Scan# 1435
Delta R.T. 0.00 min
Lab File: BE098034.D
Acq: 24 Oct 2018 11:25

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:212 Resp: 47680

Ion	Ratio	Lower	Upper
212	100		
106	2.1	2.3	3.5#
104	1.4	1.3	1.9

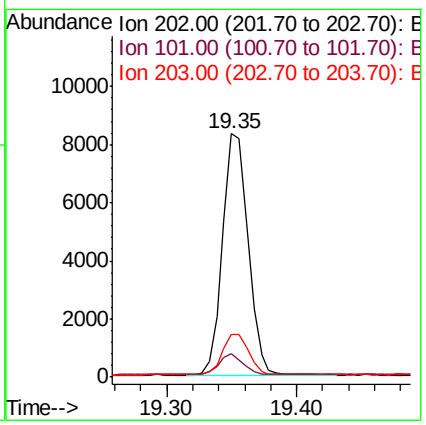


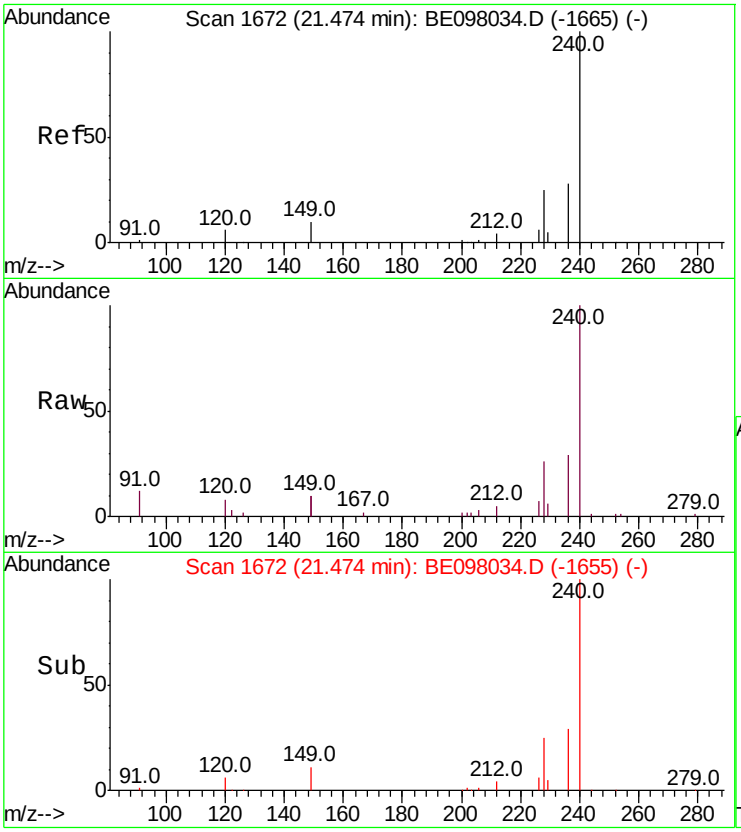


#26
Fluoranthene
Concen: 0.353 ng
RT: 19.35 min Scan# 1440
Delta R.T. 0.00 min
Lab File: BE098034.D
Acq: 24 Oct 2018 11:25

Tgt Ion:202 Resp: 11389

Ion	Ratio	Lower	Upper
202	100		
101	8.3	8.2	12.2
203	17.1	15.0	22.4



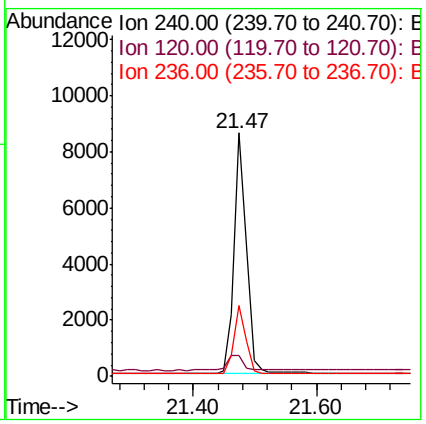


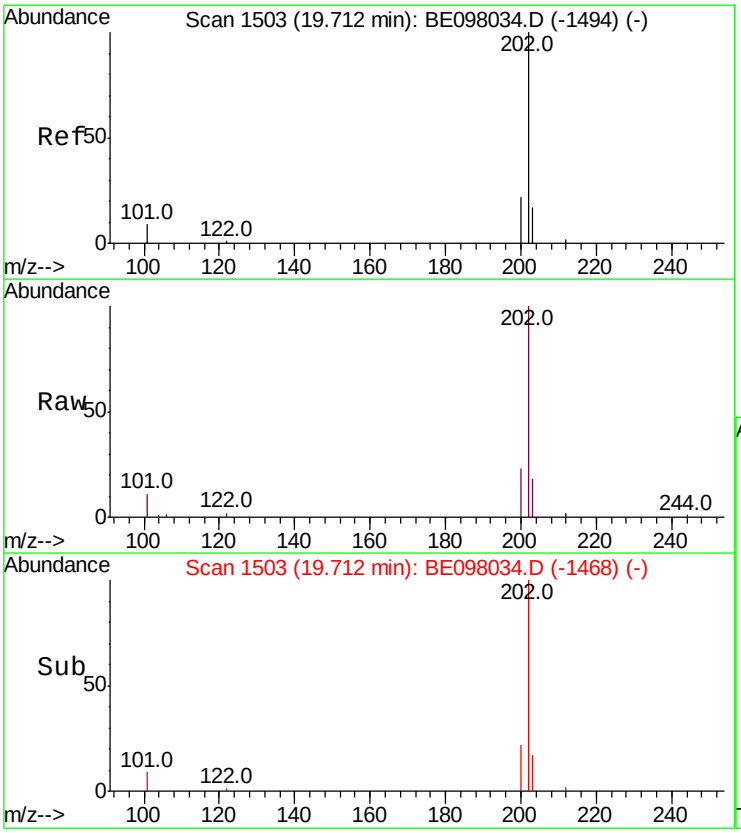
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.47 min Scan# 1672
Delta R.T. 0.00 min
Lab File: BE098034.D
Acq: 24 Oct 2018 11:25

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:240 Resp: 11752

Ion	Ratio	Lower	Upper
240	100		
120	8.4	7.1	10.7
236	29.2	21.3	31.9

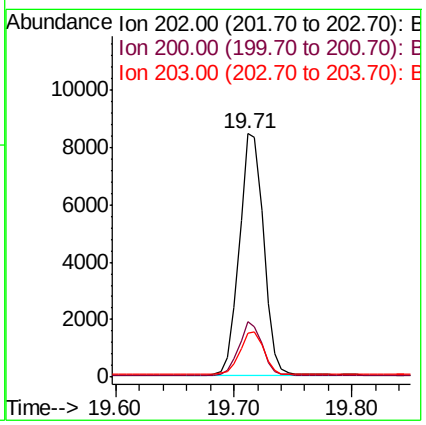


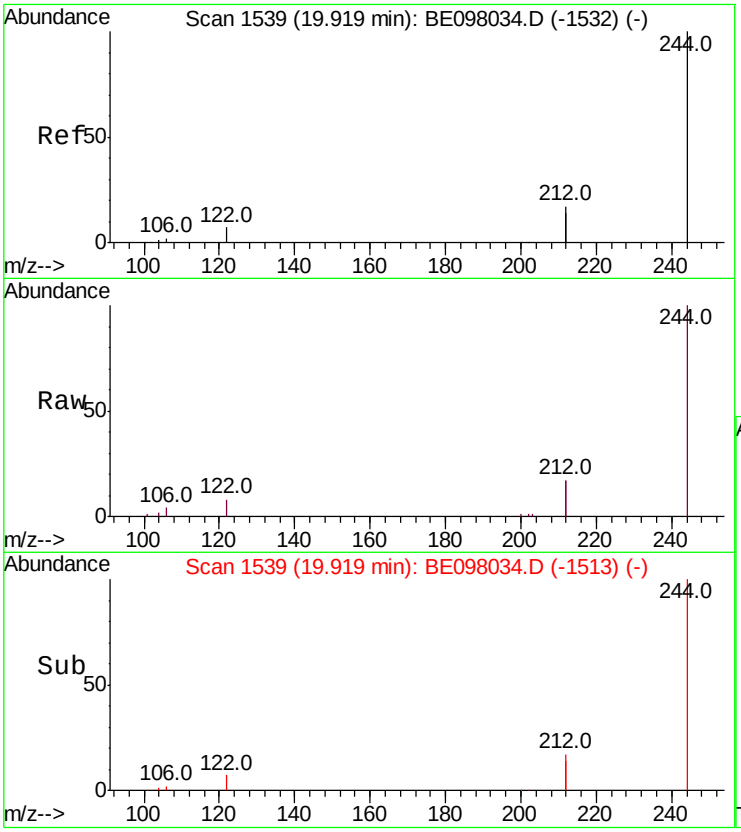


#28
Pyrene
Concen: 0.353 ng
RT: 19.71 min Scan# 1503
Delta R.T. 0.00 min
Lab File: BE098034.D
Acq: 24 Oct 2018 11:25

Tgt Ion:202 Resp: 11978

Ion	Ratio	Lower	Upper
202	100		
200	21.3	17.0	25.4
203	17.9	14.2	21.4



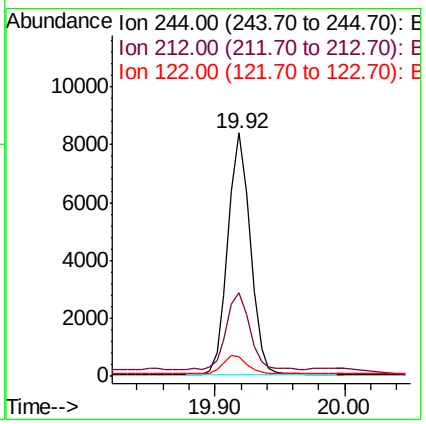


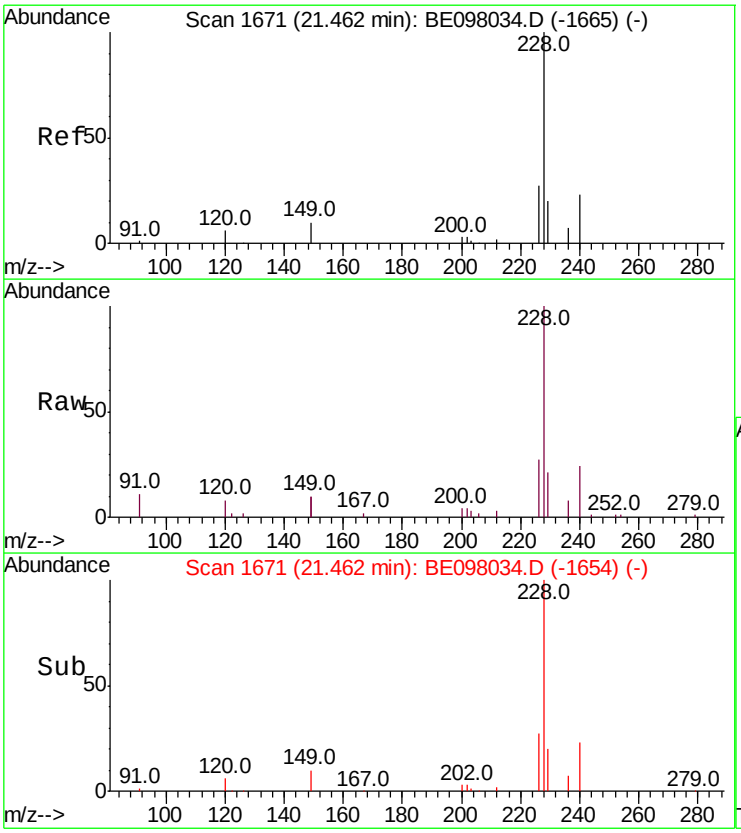
#29
Terphenyl-d14
Concen: 0.371 ng
RT: 19.92 min Scan# 1539
Delta R.T. 0.00 min
Lab File: BE098034.D
Acq: 24 Oct 2018 11:25

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:244 Resp: 9993

Ion	Ratio	Lower	Upper
244	100		
212	34.5	26.2	39.2
122	8.3	7.7	11.5

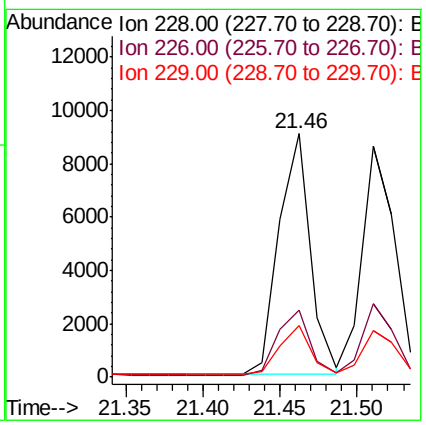


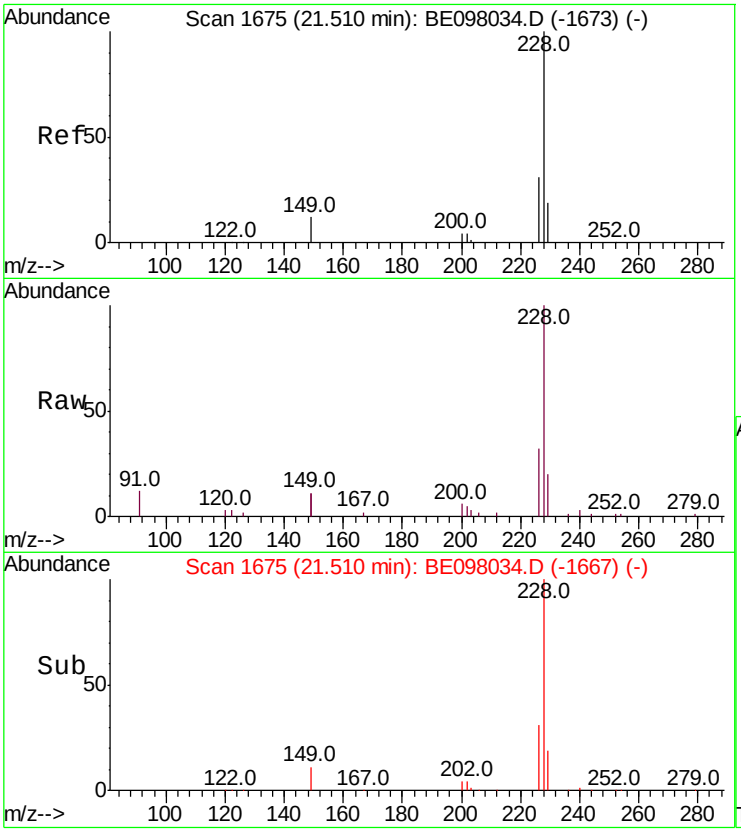


#30
Benzo(a)anthracene
Concen: 0.356 ng
RT: 21.46 min Scan# 1671
Delta R.T. 0.00 min
Lab File: BE098034.D
Acq: 24 Oct 2018 11:25

Tgt Ion:228 Resp: 12826

Ion	Ratio	Lower	Upper
228	100		
226	27.5	22.6	33.8
229	21.1	16.9	25.3



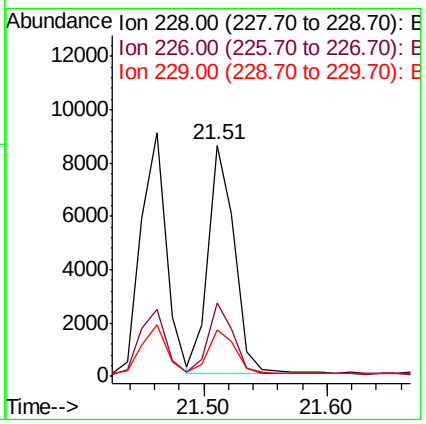


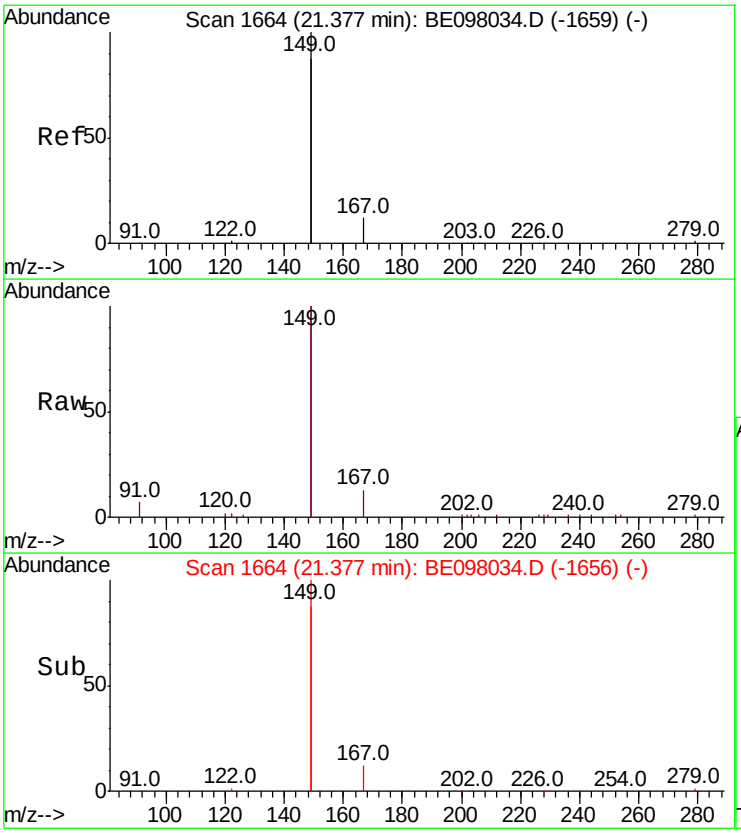
#31
Chrysene
Concen: 0.369 ng
RT: 21.51 min Scan# 1675
Delta R.T. 0.00 min
Lab File: BE098034.D
Acq: 24 Oct 2018 11:25

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:228 Resp: 12586

Ion	Ratio	Lower	Upper
228	100		
226	31.9	24.3	36.5
229	20.0	17.3	25.9

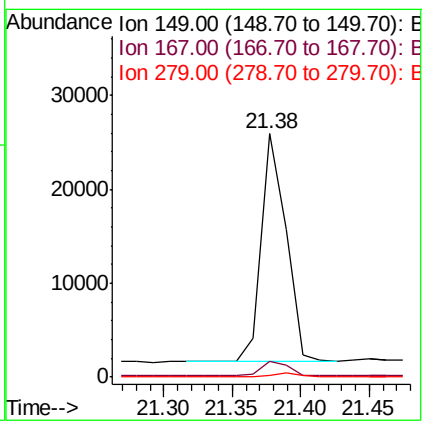


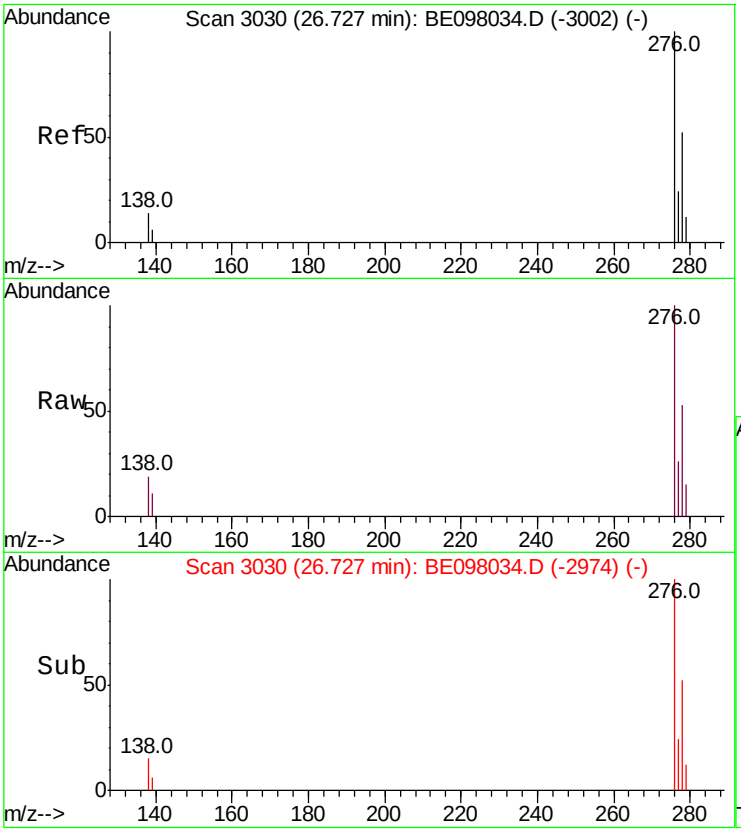


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.363 ng
RT: 21.38 min Scan# 1664
Delta R.T. 0.00 min
Lab File: BE098034.D
Acq: 24 Oct 2018 11:25

Tgt Ion:149 Resp: 30518

Ion	Ratio	Lower	Upper
149	100		
167	6.9	5.6	8.4
279	1.2	0.9	1.3



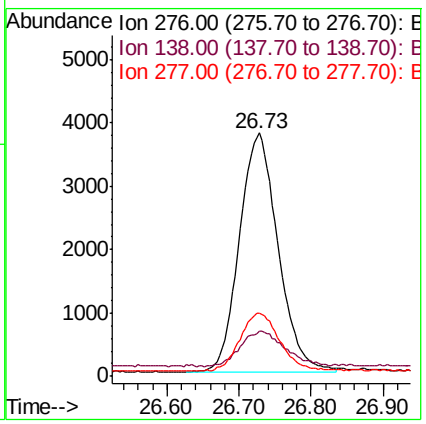


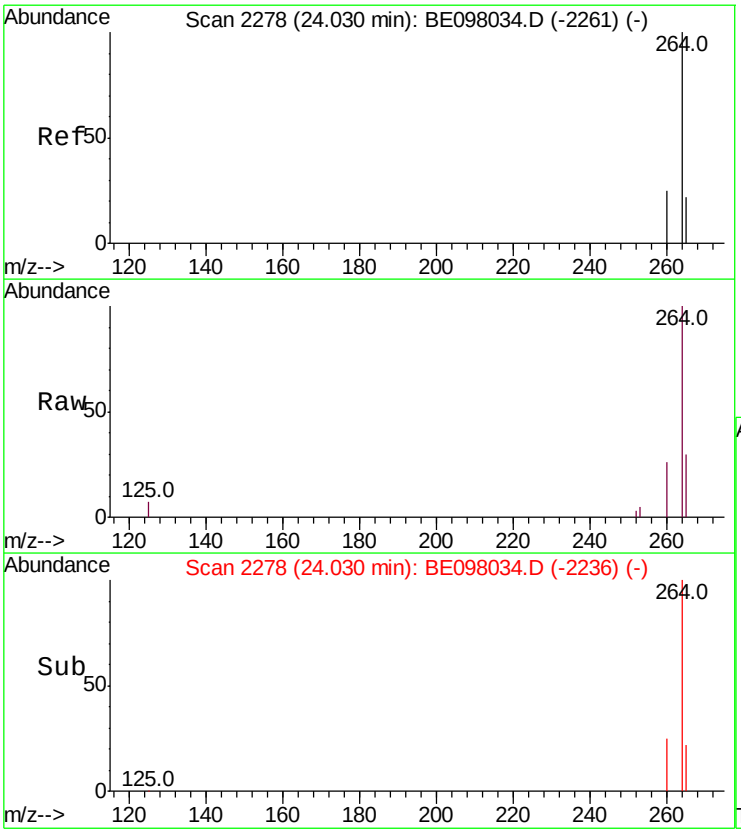
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.373 ng
RT: 26.73 min Scan# 3030
Delta R.T. 0.00 min
Lab File: BE098034.D
Acq: 24 Oct 2018 11:25

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 13693

Ion	Ratio	Lower	Upper
276	100		
138	17.7	17.0	25.6
277	25.0	20.5	30.7

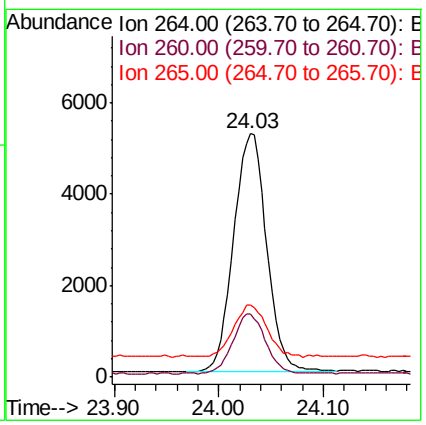


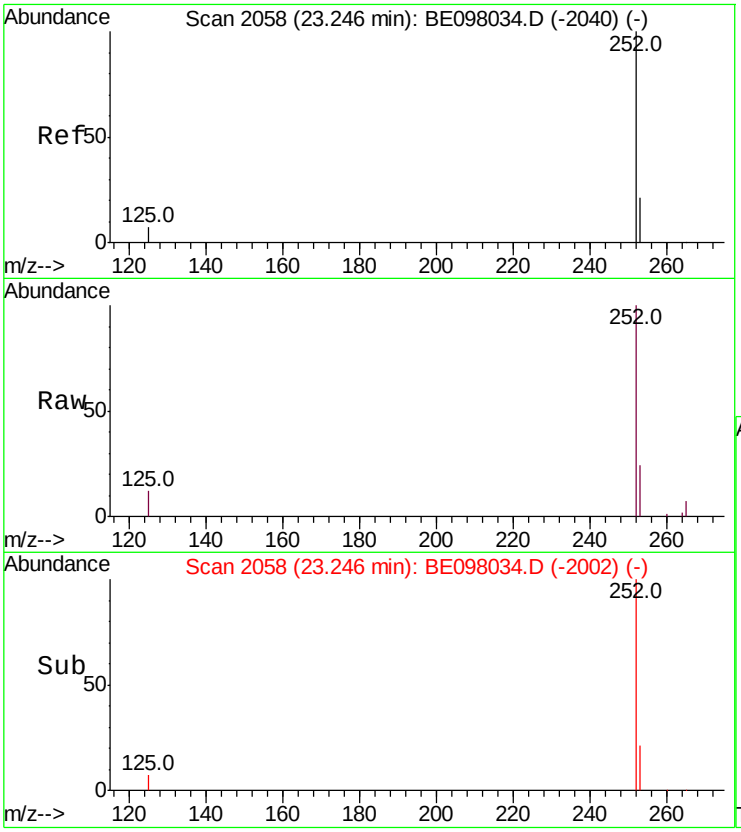


#34
Perylene-d12
Concen: 0.400 ng
RT: 24.03 min Scan# 2278
Delta R.T. 0.00 min
Lab File: BE098034.D
Acq: 24 Oct 2018 11:25

Tgt Ion:264 Resp: 11490

Ion	Ratio	Lower	Upper
264	100		
260	26.2	21.1	31.7
265	29.7	29.2	43.8



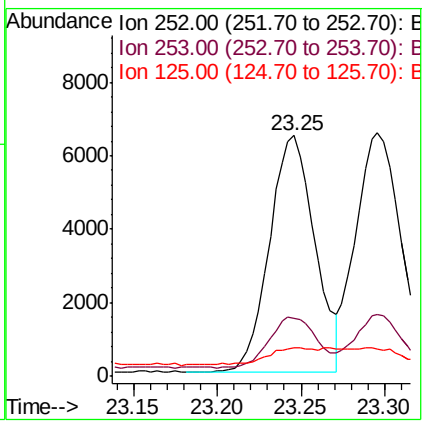


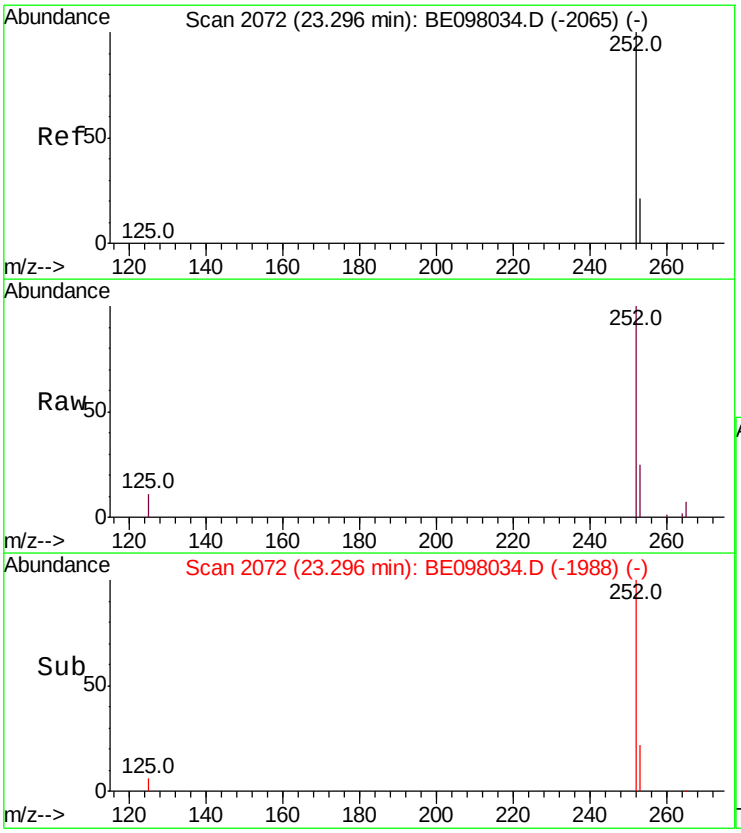
#35
Benzo(b)fluoranthene
Concen: 0.368 ng
RT: 23.25 min Scan# 2058
Delta R.T. 0.00 min
Lab File: BE098034.D
Acq: 24 Oct 2018 11:25

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 12167

Ion	Ratio	Lower	Upper
252	100		
253	24.1	20.6	31.0
125	12.0	14.3	21.5#

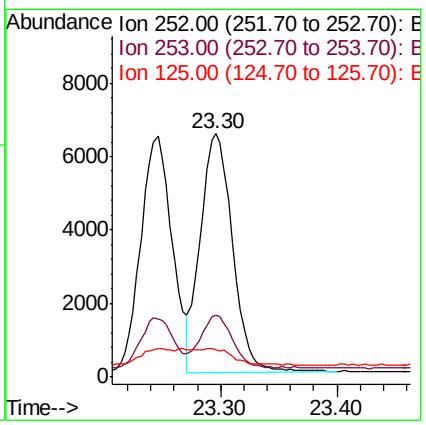


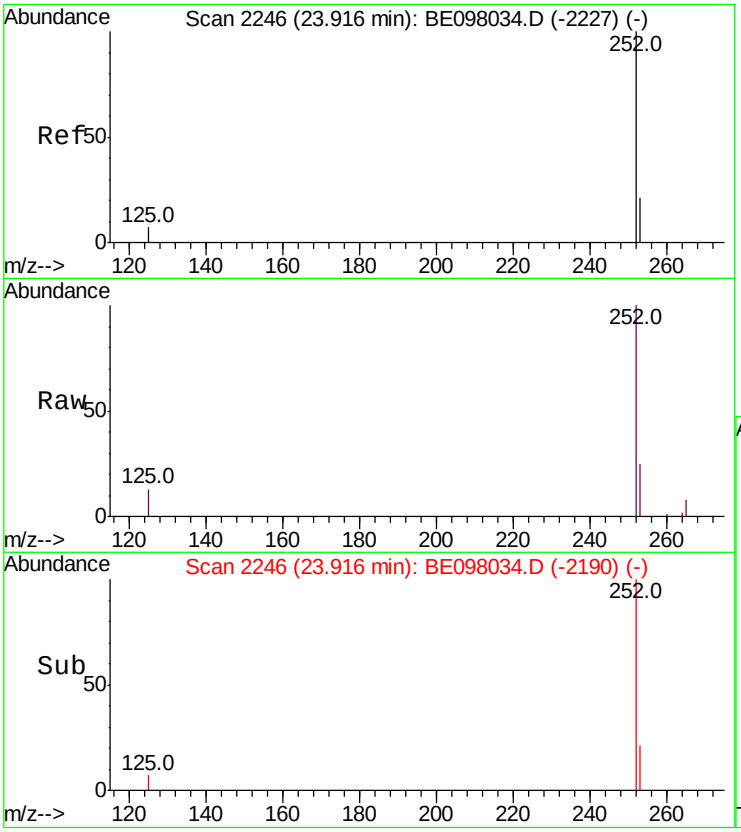


#36
Benzo(k)fluoranthene
Concen: 0.361 ng
RT: 23.30 min Scan# 2072
Delta R.T. 0.00 min
Lab File: BE098034.D
Acq: 24 Oct 2018 11:25

Tgt Ion:252 Resp: 12429

Ion	Ratio	Lower	Upper
252	100		
253	25.3	20.4	30.6
125	11.2	14.6	21.8#



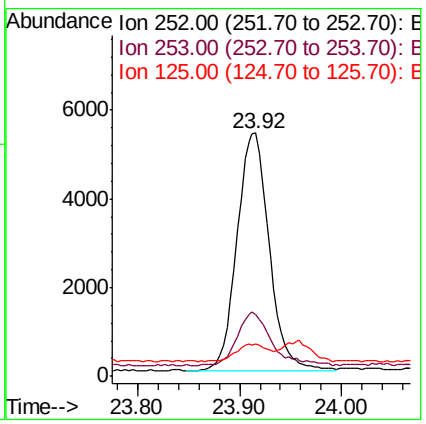


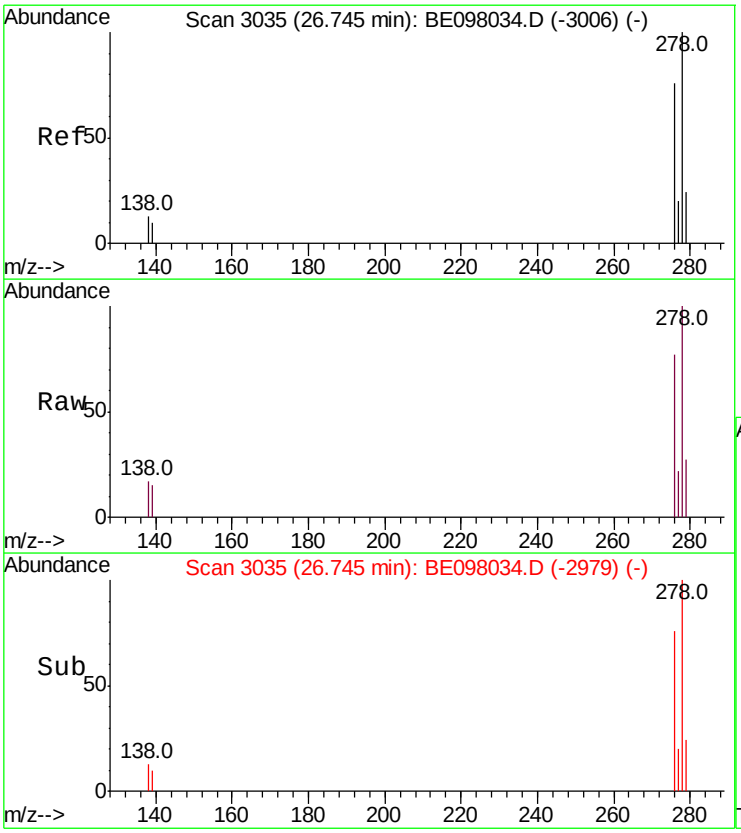
#37
Benzo(a)pyrene
Concen: 0.365 ng
RT: 23.92 min Scan# 2246
Delta R.T. 0.00 min
Lab File: BE098034.D
Acq: 24 Oct 2018 11:25

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 11770

Ion	Ratio	Lower	Upper
252	100		
253	25.2	20.6	31.0
125	13.1	15.6	23.4#

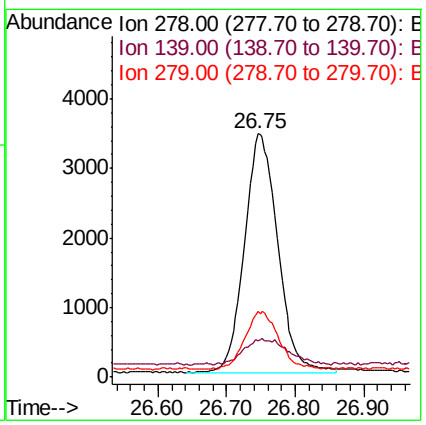


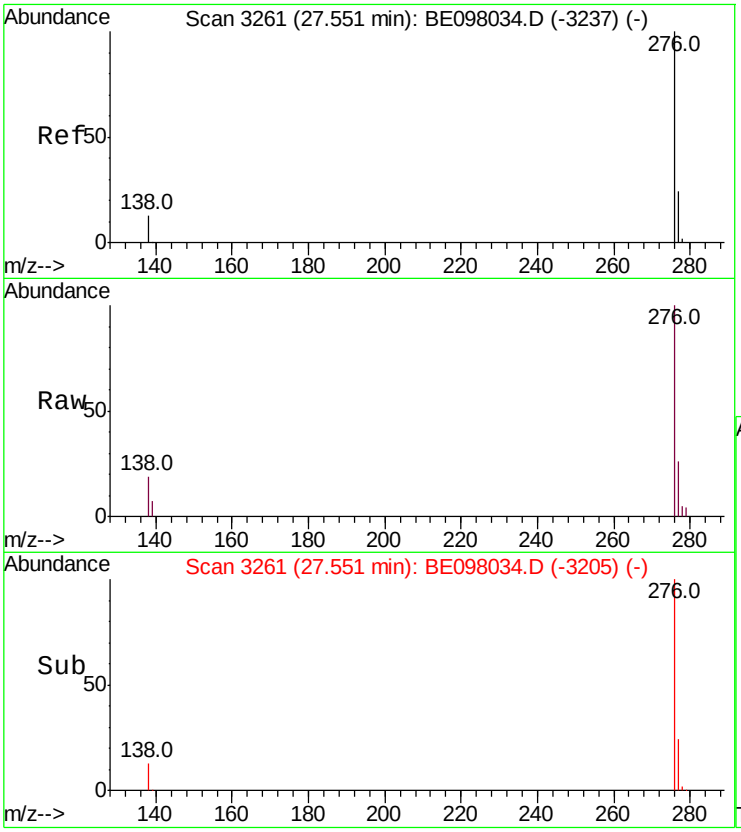


#38
Dibenzo(a,h)anthracene
Concen: 0.368 ng
RT: 26.75 min Scan# 3035
Delta R.T. 0.00 min
Lab File: BE098034.D
Acq: 24 Oct 2018 11:25

Tgt Ion:278 Resp: 11628

Ion	Ratio	Lower	Upper
278	100		
139	15.0	16.3	24.5#
279	27.0	21.4	32.2





#39
Benzo(g,h,i)perylene
Concen: 0.355 ng
RT: 27.55 min Scan# 3261
Delta R.T. 0.00 min
Lab File: BE098034.D
Acq: 24 Oct 2018 11:25

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 11466

Ion	Ratio	Lower	Upper
276	100		
277	26.1	22.1	33.1
138	18.5	19.3	28.9#