Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE102418\
Data File : BE098036.D
Acq On : 24 Oct 2018 12:40
Operator : SJ/JU
Sample : SSTDICC1.6
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId :

Quant Time: Oct 24 13:26:26 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	1181	0.40	ng		0.00
7) Naphthalene-d8	10.68	136	5672	0.40	ng		0.00
13) Acenaphthene-d10	14.54	164	3960	0.40	ng		0.00
19) Phenanthrene-d10	17.29	188	9244	0.40	ng		0.00
27) Chrysene-d12	21.47	240	11009	0.40	ng		0.00
34) Perylene-d12	24.03	264	10618	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.47	112	5425	1.46	ng		0.00
5) Phenol-d6	7.06	99	9061	1.65	ng		0.00
8) Nitrobenzene-d5	9.03	82	9514	1.77	ng		0.00
11) 2-Methylnaphthalene-d10	12.28	152	15746	1.67	ng		0.00
14) 2,4,6-Tribromophenol	16.03	330	2865	1.35	ng		0.00
15) 2-Fluorobiphenyl	13.16	172	23115	1.43	ng		0.00
25) Fluoranthene-d10	19.32	212	185036	1.48	ng		0.00
29) Terphenyl-d14	19.92	244	38393	1.52	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.38	88	2675	1.299	ng		97
3) n-Nitrosodimethylamine	3.68	42	3949	1.717	ng	#	81
6) bis(2-Chloroethyl)ether	7.30	93	6464	1.383	ng		94
9) Naphthalene	10.73	128	88116	1.560	ng		99
10) Hexachlorobutadiene	11.02	225	5892	1.936	ng		97
12) 2-Methylnaphthalene	12.35	142	15884	1.642	ng		94
16) Acenaphthylene	14.27	152	28285	1.546	ng		99
17) Acenaphthene	14.61	154	16866	1.508	ng		99
18) Fluorene	15.58	166	22603	1.470	ng		99
20) 4-Bromophenyl-phenylether	16.48	248	8972	1.776	ng		91
21) Hexachlorobenzene	16.59	284	9158	1.844	ng		98
22) Pentachlorophenol	16.95	266	781	0.544	ng		91
23) Phenanthrene	17.33	178	35258	1.501	ng		100
24) Anthracene	17.42	178	35255	1.589	ng		99
26) Fluoranthene	19.35	202	44497	1.444	ng	#	96
28) Pyrene	19.71	202	46529	1.465	ng		100
30) Benzo(a)anthracene	21.46	228	50086	1.483	ng		96
31) Chrysene	21.51	228	48527	1.517	ng		98
32) Bis(2-ethylhexyl)phthalate	21.38	149	114495	1.452	ng		100
33) Indeno(1,2,3-cd)pyrene	26.72	276	53079	1.545	ng	#	94
35) Benzo(b)fluoranthene	23.24	252	45836	1.500	ng	#	87
36) Benzo(k)fluoranthene	23.29	252	48961	1.538	ng	#	87
37) Benzo(a)pyrene	23.91	252	45372	1.523	ng	#	86
38) Dibenzo(a,h)anthracene	26.75	278	44710	1.533	ng	#	88
39) Benzo(g,h,i)perylene	27.55	276	44264	1.481	ng	#	87

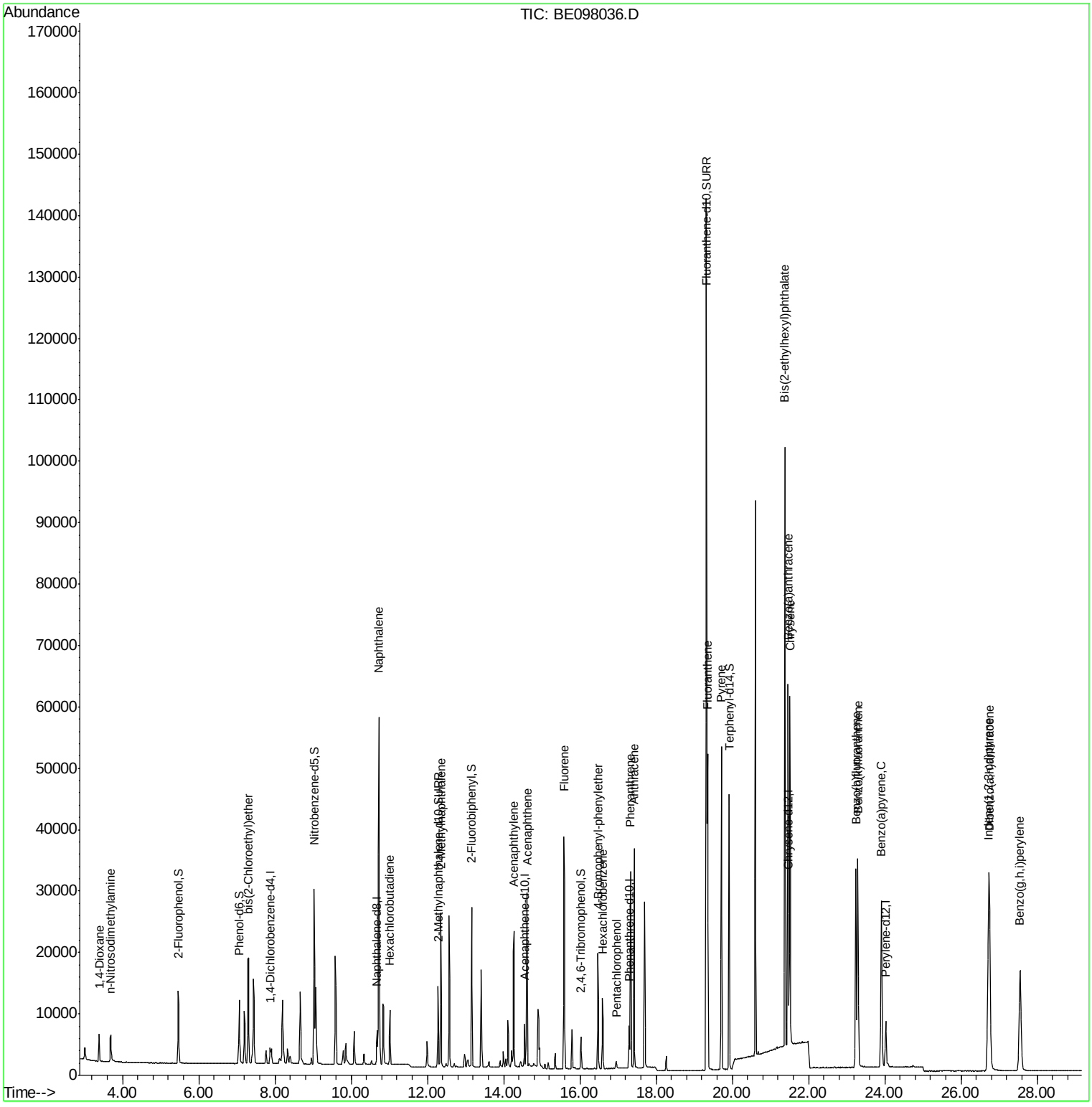
(#) = qualifier out of range (m) = manual integration (+) = signals summed

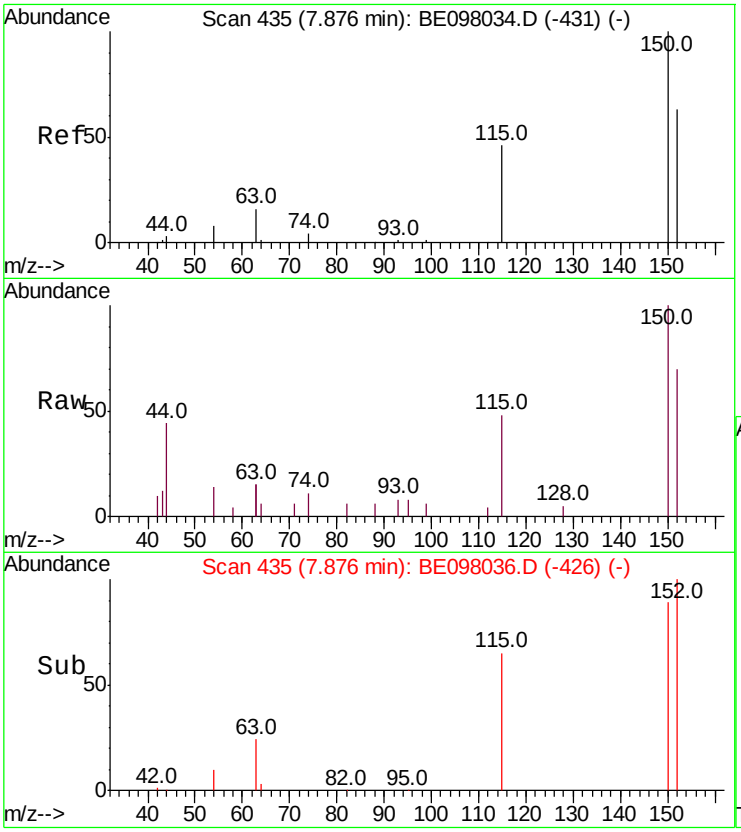
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE102418\
Data File : BE098036.D
Acq On : 24 Oct 2018 12:40
Operator : SJ/JU
Sample : SSTDICC1.6
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :

Quant Time: Oct 24 13:26:26 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



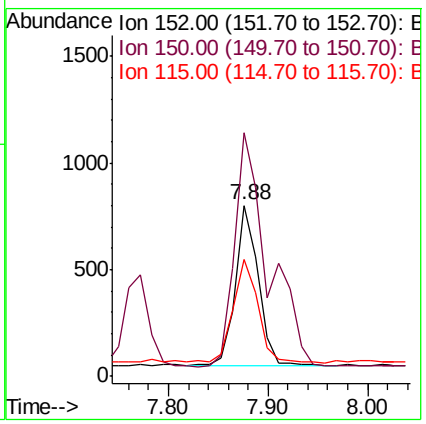


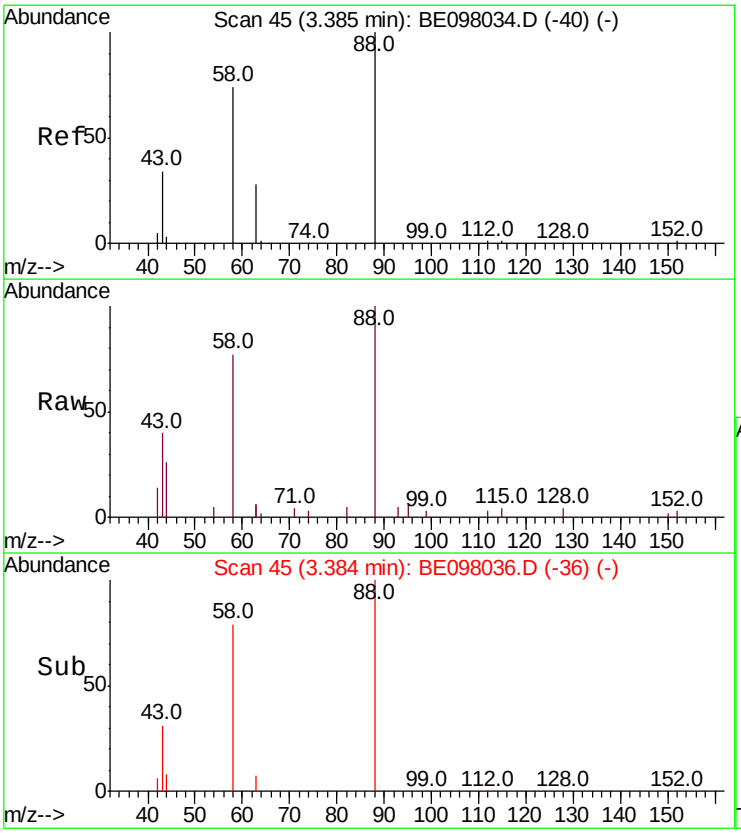
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.88 min Scan# 435
Delta R.T. -0.00 min
Lab File: BE098036.D
Acq: 24 Oct 2018 12:40

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 1181

Ion	Ratio	Lower	Upper
152	100		
150	142.6	118.2	177.4
115	68.8	50.9	76.3

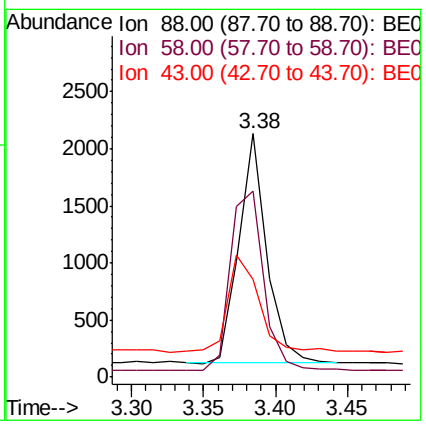


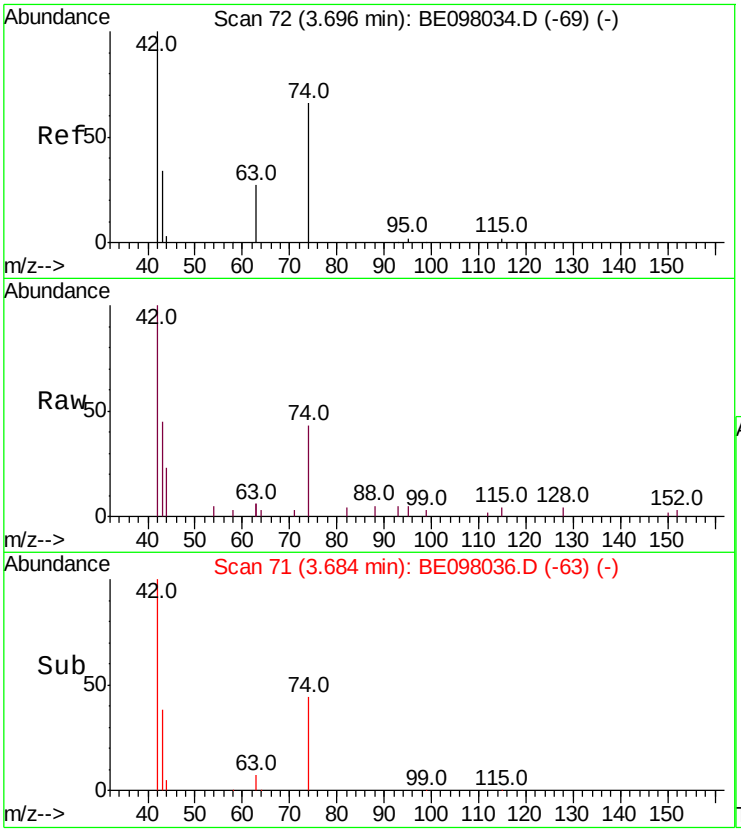


#2
1,4-Dioxane
Concen: 1.299 ng
RT: 3.38 min Scan# 45
Delta R.T. -0.00 min
Lab File: BE098036.D
Acq: 24 Oct 2018 12:40

Tgt Ion: 88 Resp: 2675

Ion	Ratio	Lower	Upper
88	100		
58	95.3	73.2	109.8
43	47.4	36.9	55.3



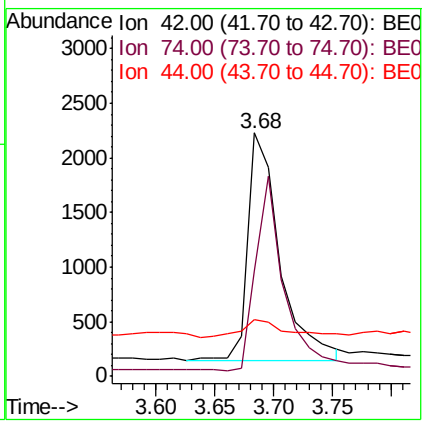


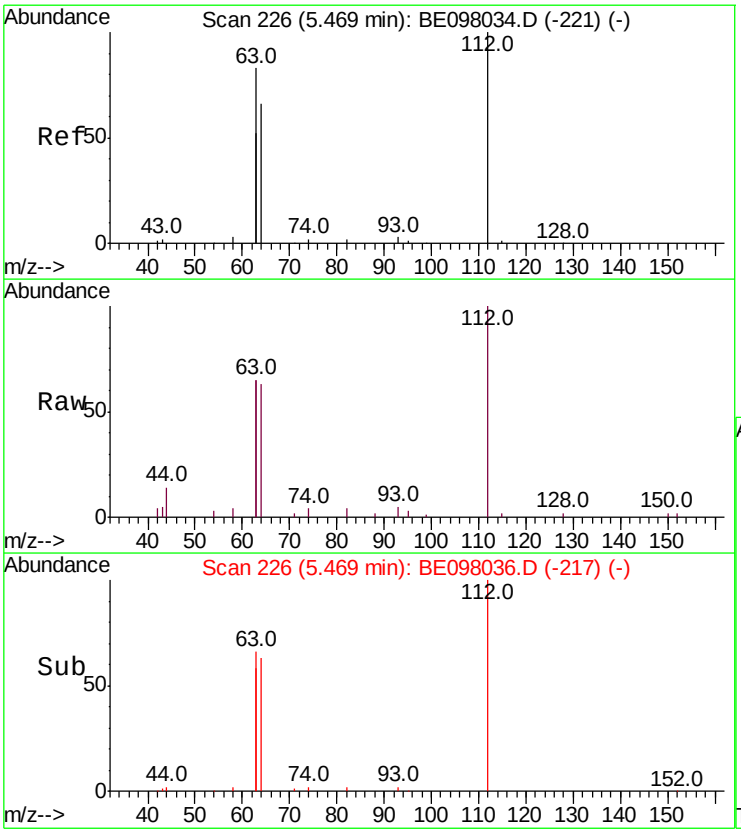
#3
n-Nitrosodimethylamine
Concen: 1.717 ng
RT: 3.68 min Scan# 71
Delta R.T. -0.01 min
Lab File: BE098036.D
Acq: 24 Oct 2018 12:40

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 42 Resp: 3949

Ion	Ratio	Lower	Upper
42	100		
74	76.4	77.6	116.4#
44	11.1	7.6	11.4

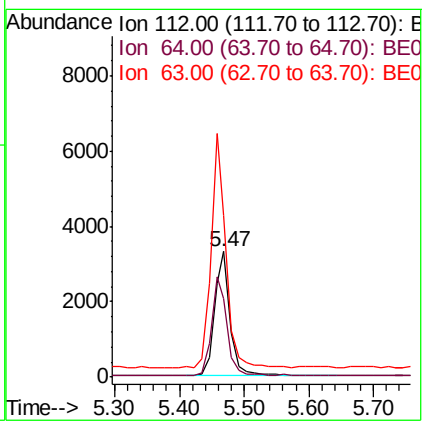


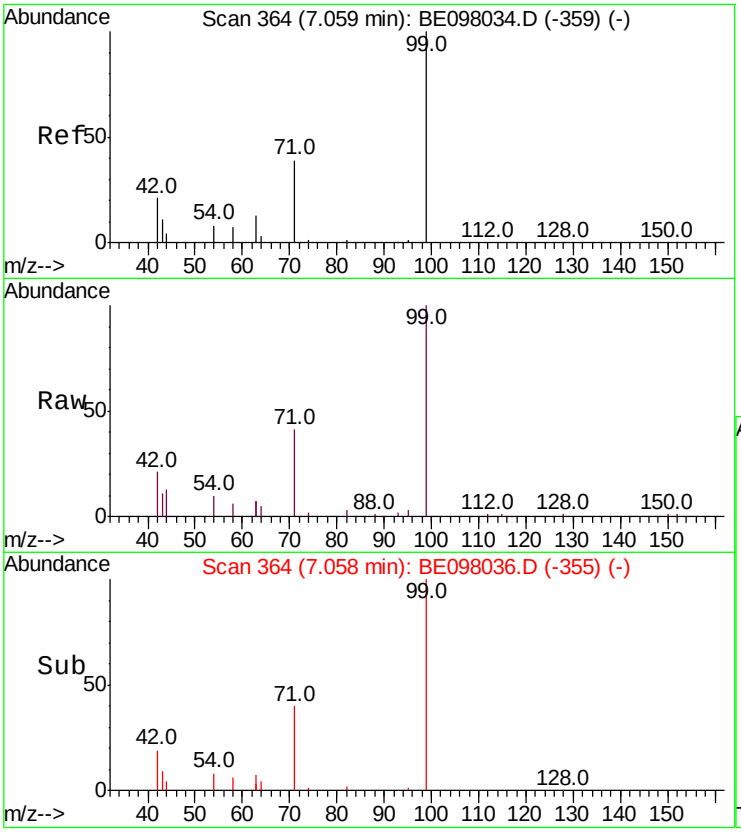


#4
2-Fluorophenol
Concen: 1.457 ng
RT: 5.47 min Scan# 226
Delta R.T. -0.00 min
Lab File: BE098036.D
Acq: 24 Oct 2018 12:40

Tgt Ion:112 Resp: 5425

Ion	Ratio	Lower	Upper
112	100		
64	79.6	58.9	88.3
63	183.6	120.3	180.5#



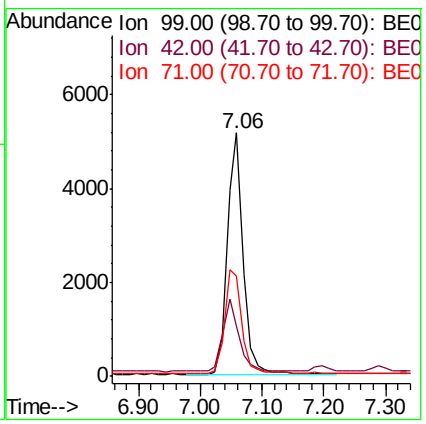


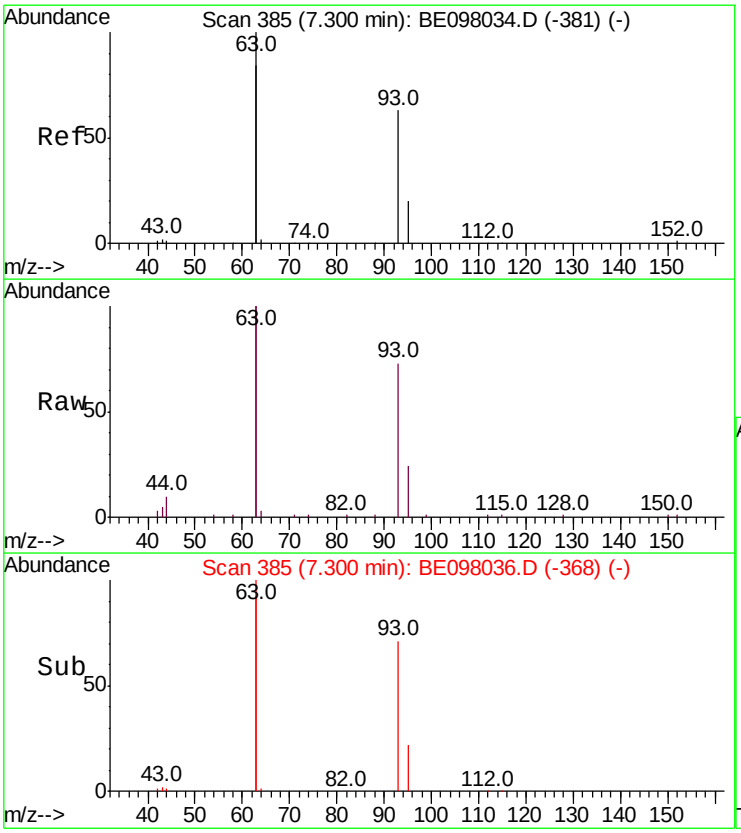
#5
Phenol-d6
Concen: 1.646 ng
RT: 7.06 min Scan# 364
Delta R.T. -0.00 min
Lab File: BE098036.D
Acq: 24 Oct 2018 12:40

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 99 Resp: 9061

Ion	Ratio	Lower	Upper
99	100		
42	29.9	19.9	29.9#
71	46.0	27.8	41.8#

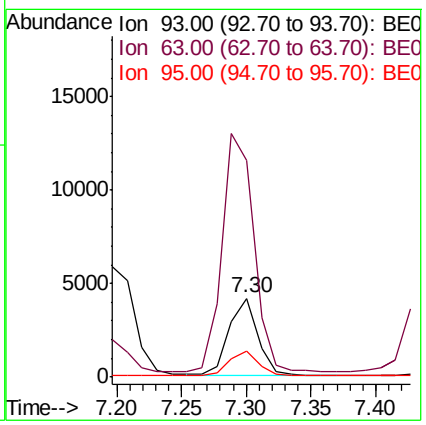


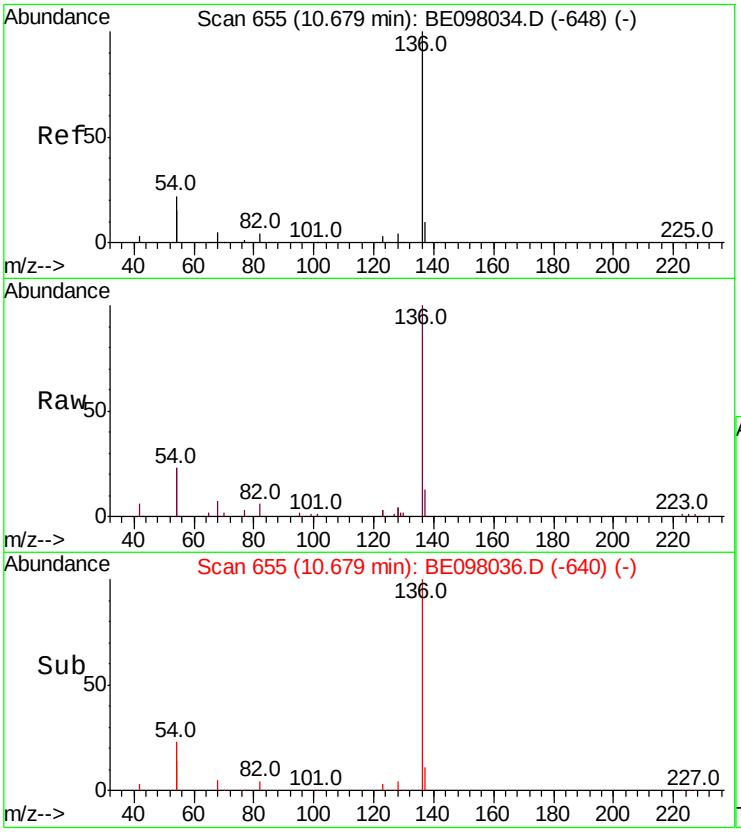


#6
bis(2-Chloroethyl)ether
Concen: 1.383 ng
RT: 7.30 min Scan# 385
Delta R.T. -0.00 min
Lab File: BE098036.D
Acq: 24 Oct 2018 12:40

Tgt Ion: 93 Resp: 6464

Ion	Ratio	Lower	Upper
93	100		
63	336.5	259.0	388.4
95	31.5	27.8	41.8



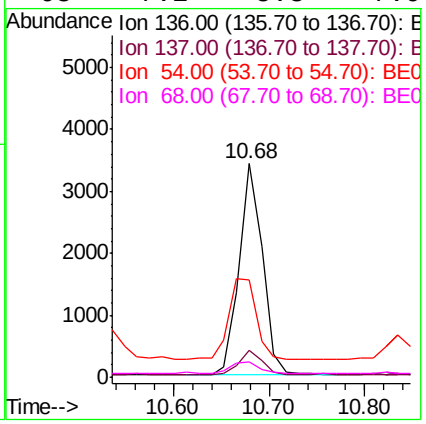


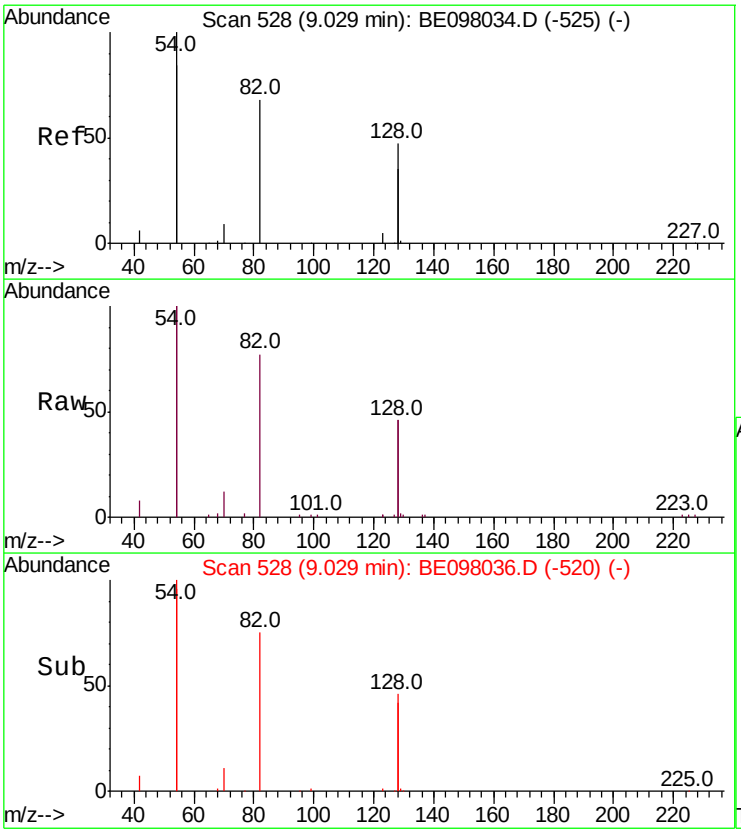
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.68 min Scan# 655
Delta R.T. -0.00 min
Lab File: BE098036.D
Acq: 24 Oct 2018 12:40

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:136 Resp: 5672

Ion	Ratio	Lower	Upper
136	100		
137	12.6	9.6	14.4
54	45.6	27.7	41.5#
68	7.2	5.3	7.9

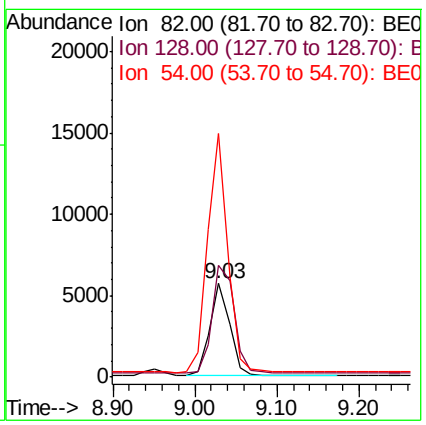


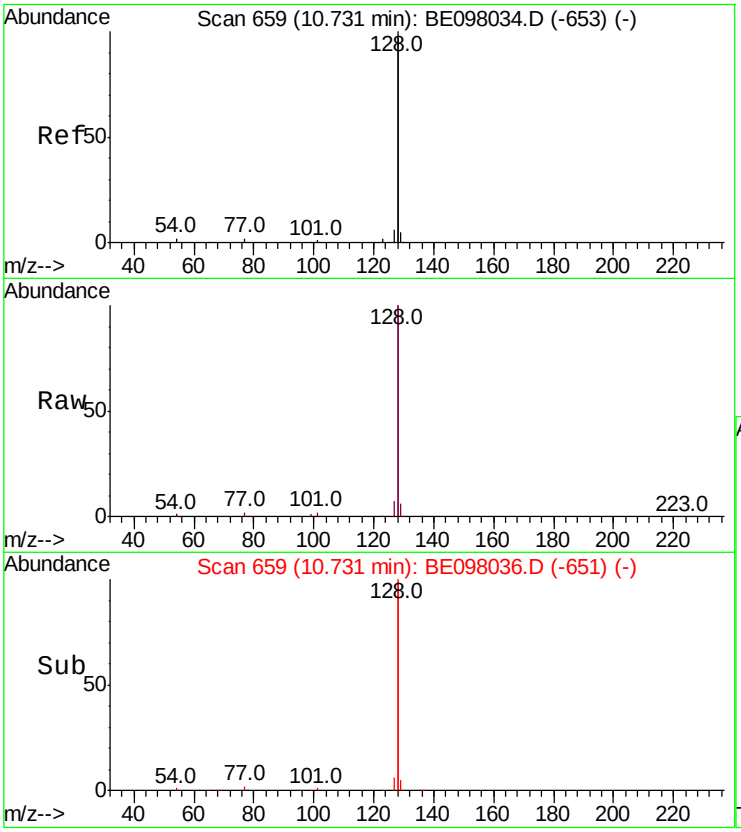


#8
Nitrobenzene-d5
Concen: 1.771 ng
RT: 9.03 min Scan# 528
Delta R.T. -0.00 min
Lab File: BE098036.D
Acq: 24 Oct 2018 12:40

Tgt Ion: 82 Resp: 9514

Ion	Ratio	Lower	Upper
82	100		
128	119.7	129.9	194.9#
54	260.7	174.0	261.0



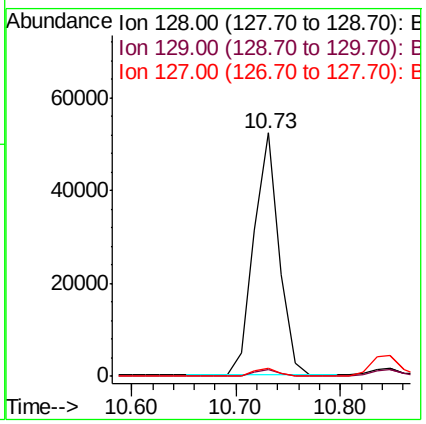


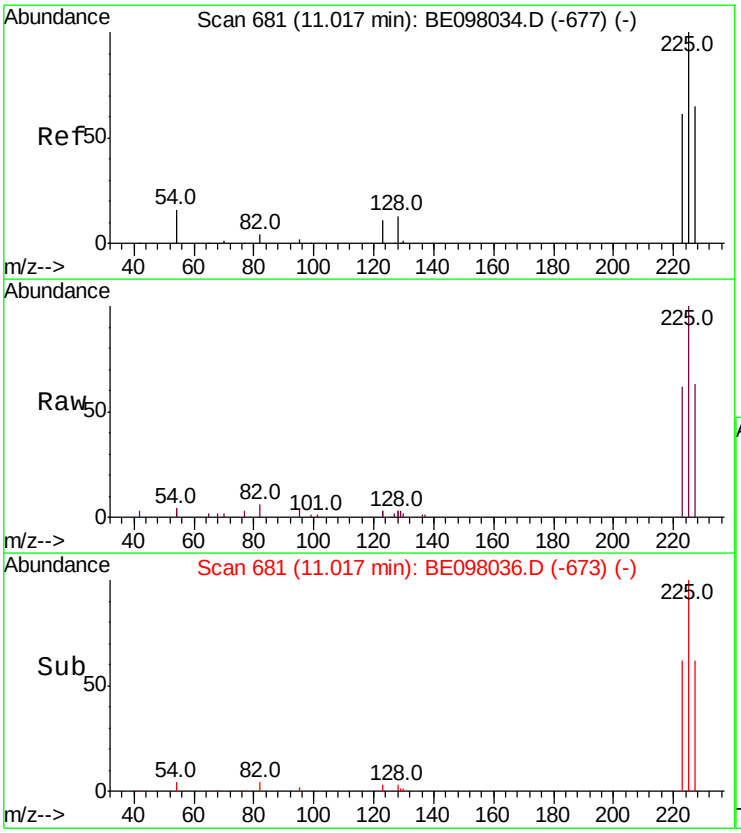
#9
Naphthalene
Concen: 1.560 ng
RT: 10.73 min Scan# 659
Delta R.T. -0.00 min
Lab File: BE098036.D
Acq: 24 Oct 2018 12:40

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:128 Resp: 88116

Ion	Ratio	Lower	Upper
128	100		
129	2.8	2.5	3.7
127	3.3	2.8	4.2

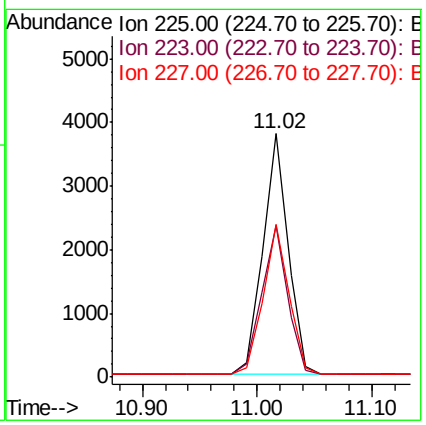


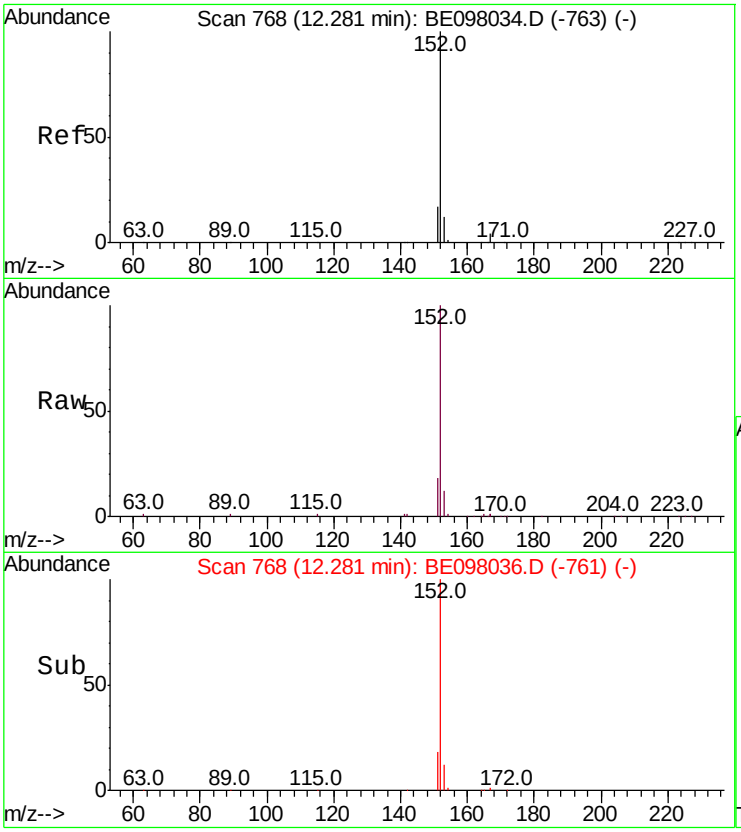


#10
Hexachlorobutadiene
Concen: 1.936 ng
RT: 11.02 min Scan# 681
Delta R.T. -0.00 min
Lab File: BE098036.D
Acq: 24 Oct 2018 12:40

Tgt Ion:225 Resp: 5892

Ion	Ratio	Lower	Upper
225	100		
223	62.8	51.8	77.8
227	63.2	53.0	79.6



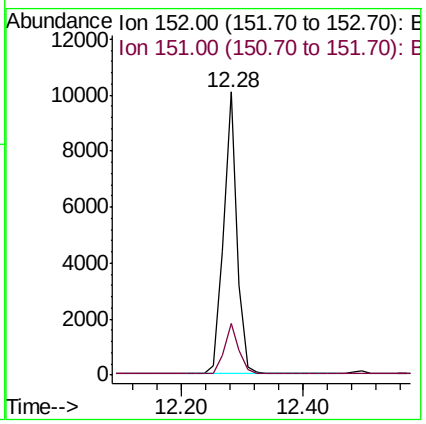


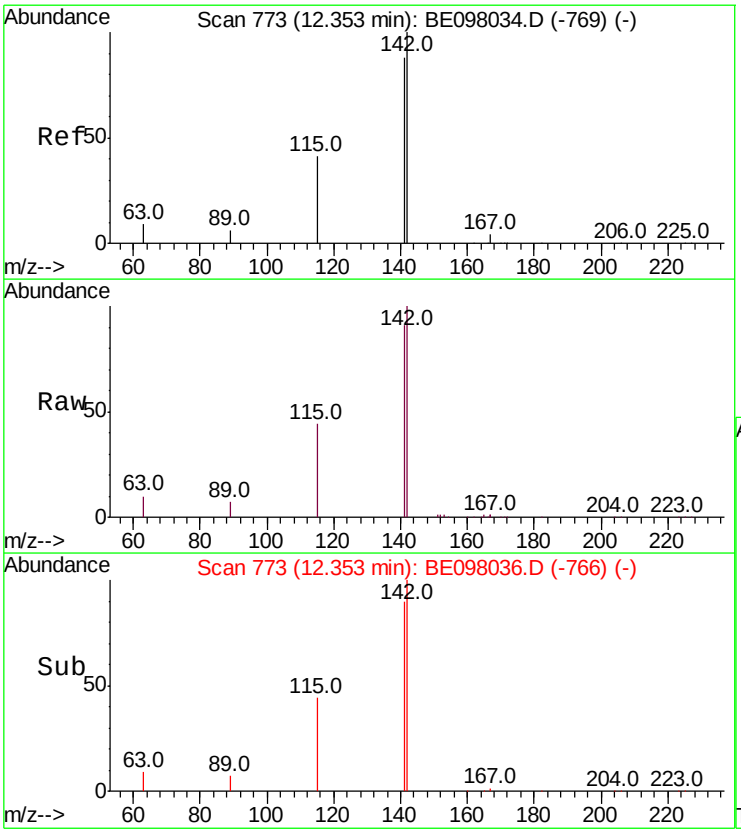
#11
2-Methylnaphthalene-d10
Concen: 1.669 ng
RT: 12.28 min Scan# 768
Delta R.T. 0.00 min
Lab File: BE098036.D
Acq: 24 Oct 2018 12:40

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 15746

Ion	Ratio	Lower	Upper
152	100		
151	19.2	16.2	24.4

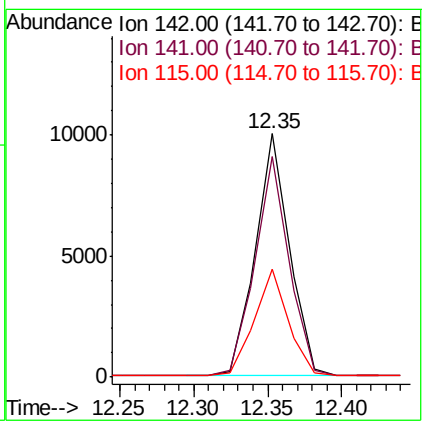


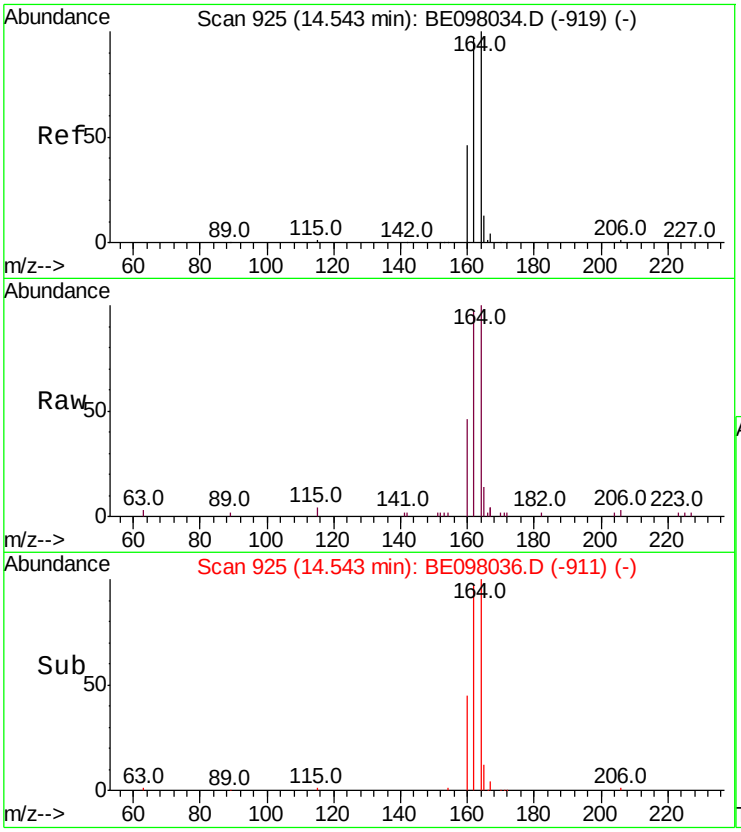


#12
2-Methylnaphthalene
Concen: 1.642 ng
RT: 12.35 min Scan# 773
Delta R.T. 0.00 min
Lab File: BE098036.D
Acq: 24 Oct 2018 12:40

Tgt Ion:142 Resp: 15884

Ion	Ratio	Lower	Upper
142	100		
141	90.6	69.8	104.6
115	44.3	30.5	45.7



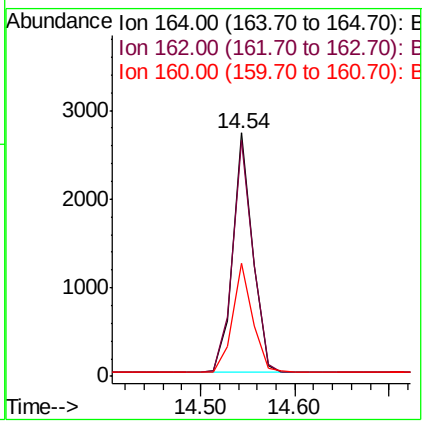


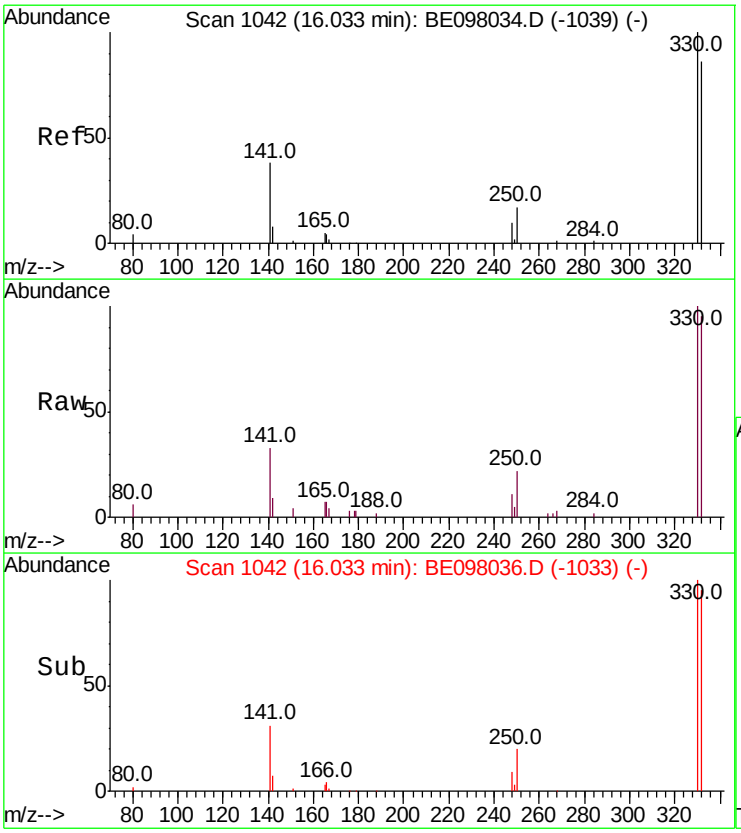
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.54 min Scan# 925
Delta R.T. 0.00 min
Lab File: BE098036.D
Acq: 24 Oct 2018 12:40

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:164 Resp: 3960

Ion	Ratio	Lower	Upper
164	100		
162	96.8	77.4	116.2
160	46.3	36.5	54.7

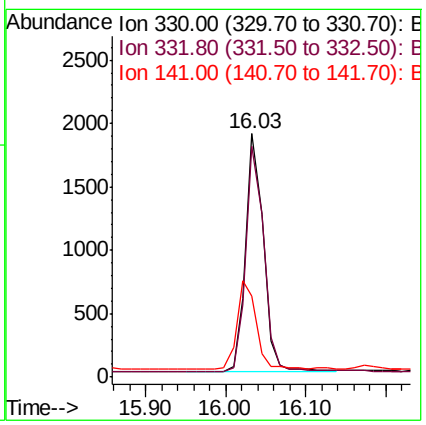


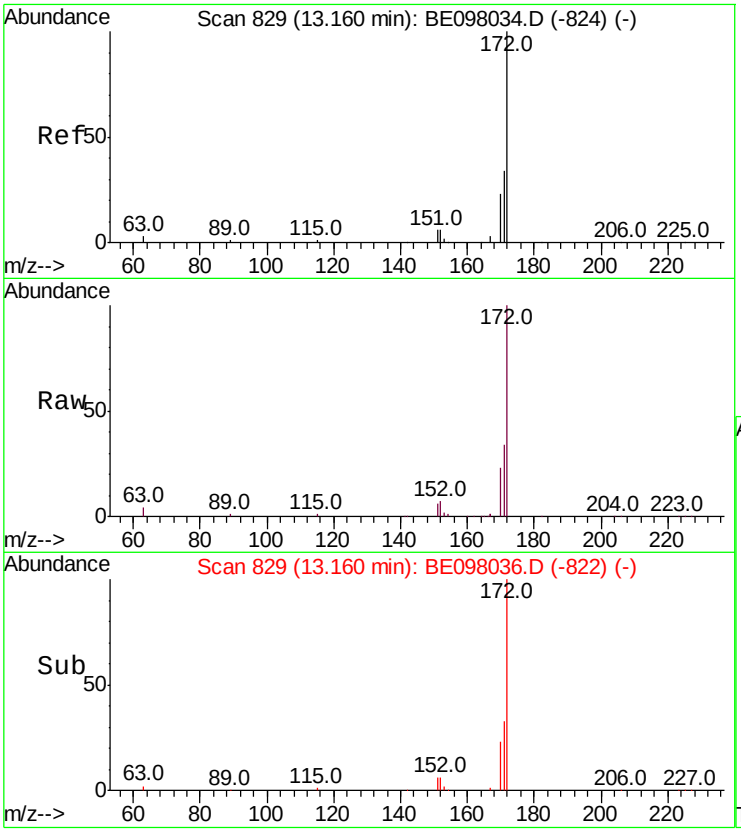


#14
2,4,6-Tribromophenol
Concen: 1.345 ng
RT: 16.03 min Scan# 1042
Delta R.T. 0.00 min
Lab File: BE098036.D
Acq: 24 Oct 2018 12:40

Tgt Ion:330 Resp: 2865

Ion	Ratio	Lower	Upper
330	100		
332	97.1	76.5	114.7
141	40.3	31.8	47.6



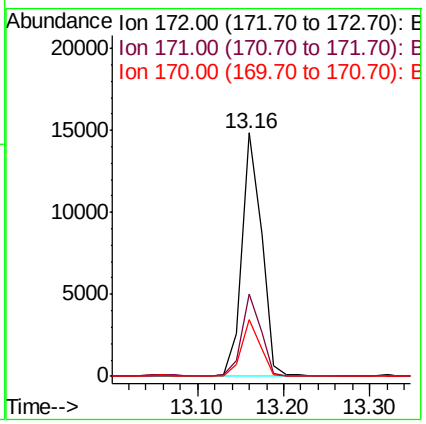


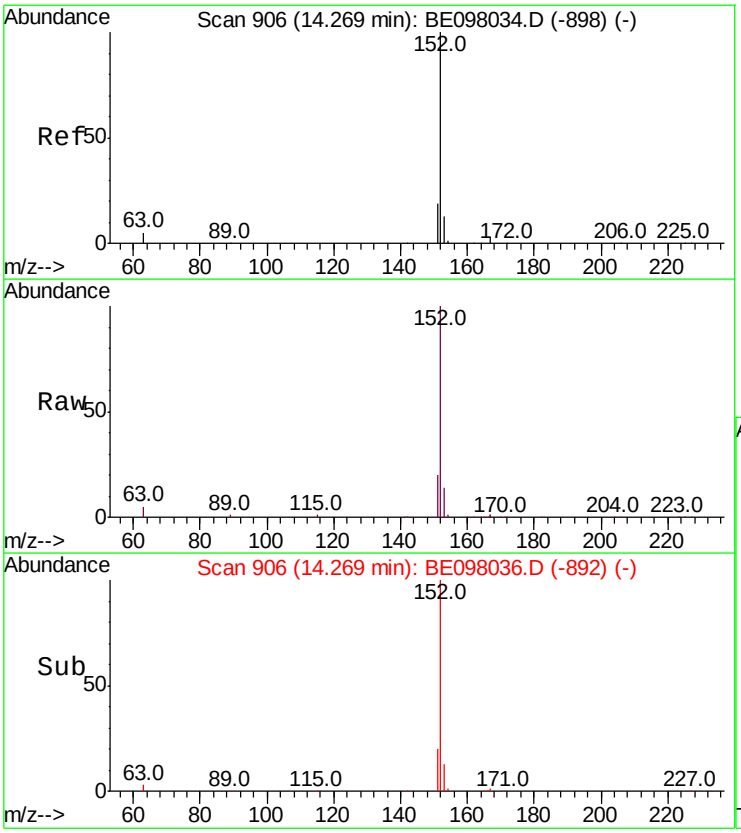
#15
2-Fluorobiphenyl
Concen: 1.428 ng
RT: 13.16 min Scan# 829
Delta R.T. 0.00 min
Lab File: BE098036.D
Acq: 24 Oct 2018 12:40

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:172 Resp: 23115

Ion	Ratio	Lower	Upper
172	100		
171	33.7	26.0	39.0
170	23.2	18.0	27.0

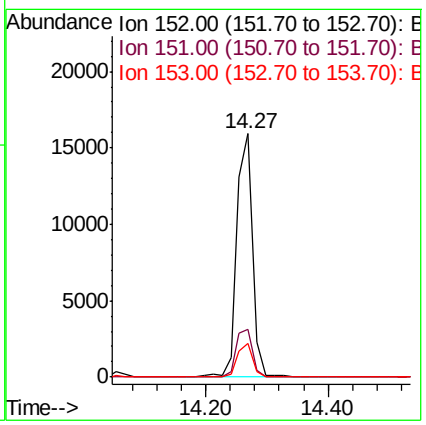


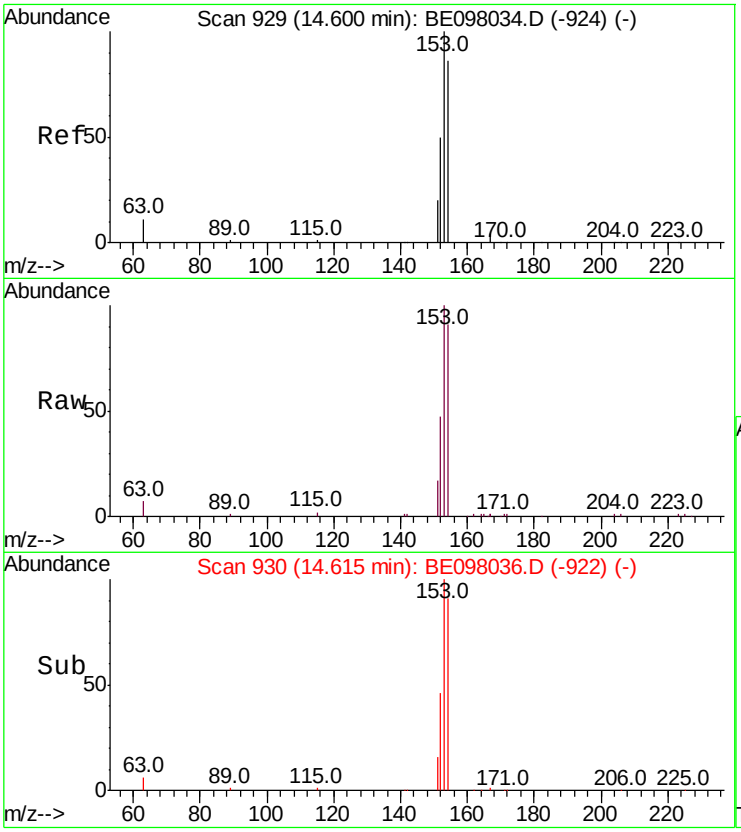


#16
Acenaphthylene
Concen: 1.546 ng
RT: 14.27 min Scan# 906
Delta R.T. 0.00 min
Lab File: BE098036.D
Acq: 24 Oct 2018 12:40

Tgt Ion:152 Resp: 28285

Ion	Ratio	Lower	Upper
152	100		
151	20.1	16.1	24.1
153	13.0	10.9	16.3



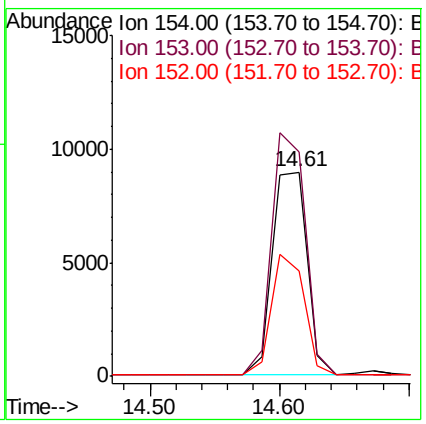


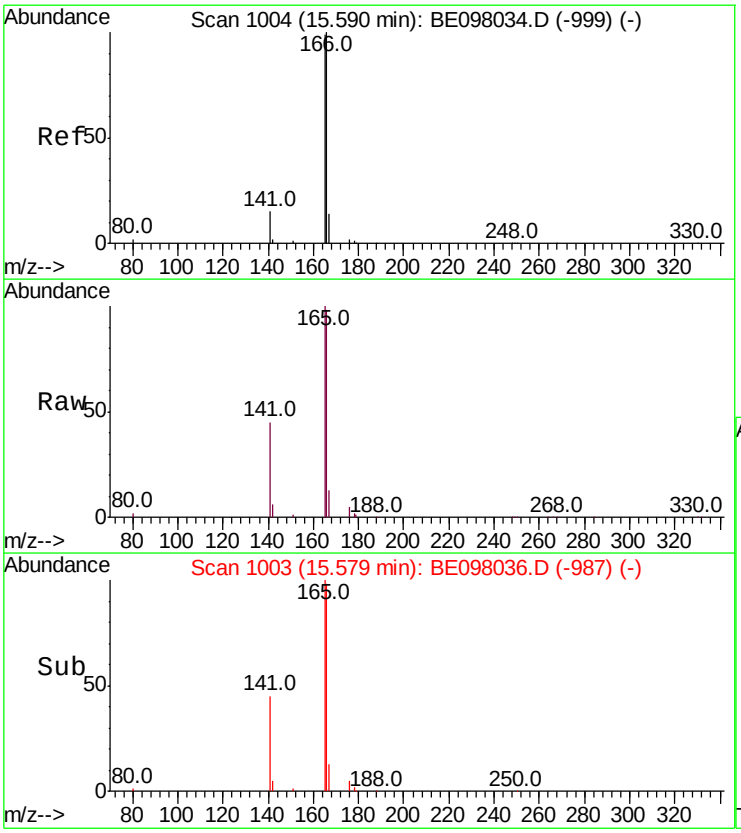
#17
Acenaphthene
Concen: 1.508 ng
RT: 14.61 min Scan# 930
Delta R.T. 0.01 min
Lab File: BE098036.D
Acq: 24 Oct 2018 12:40

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:154 Resp: 16866

Ion	Ratio	Lower	Upper
154	100		
153	115.5	92.6	139.0
152	55.7	45.5	68.3

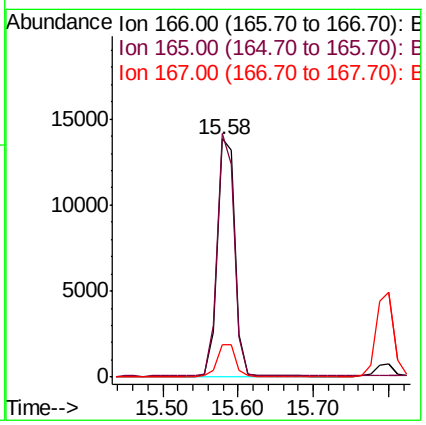


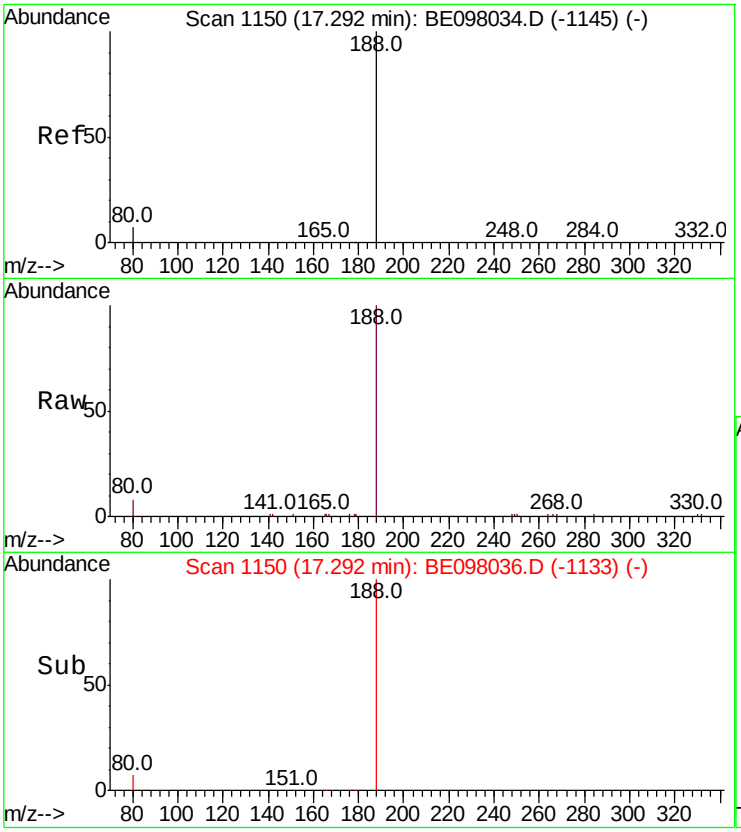


#18
Fluorene
Concen: 1.470 ng
RT: 15.58 min Scan# 1003
Delta R.T. -0.01 min
Lab File: BE098036.D
Acq: 24 Oct 2018 12:40

Tgt Ion:166 Resp: 22603

Ion	Ratio	Lower	Upper
166	100		
165	98.7	78.2	117.4
167	13.4	11.0	16.6



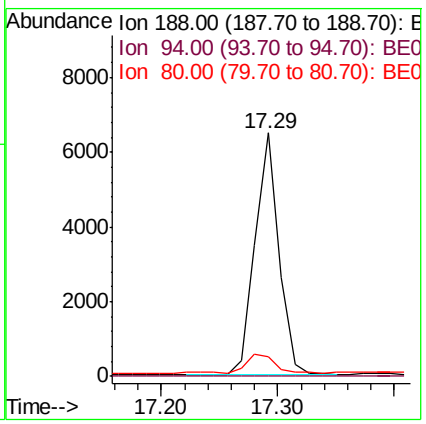


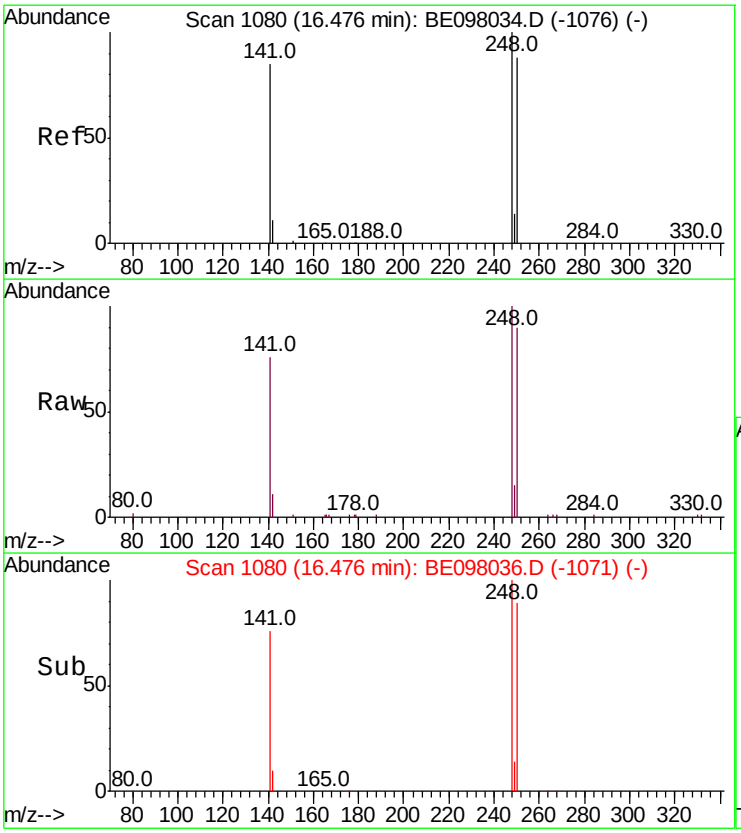
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.29 min Scan# 1150
Delta R.T. 0.00 min
Lab File: BE098036.D
Acq: 24 Oct 2018 12:40

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:188 Resp: 9244

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	8.1	6.3	9.5

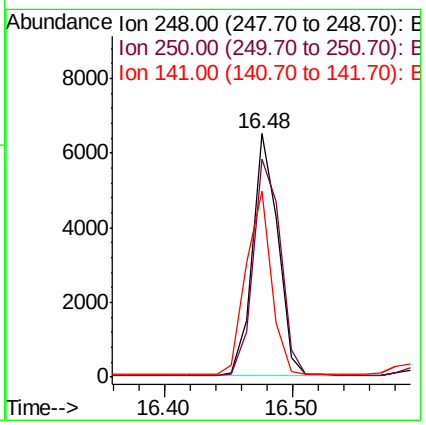


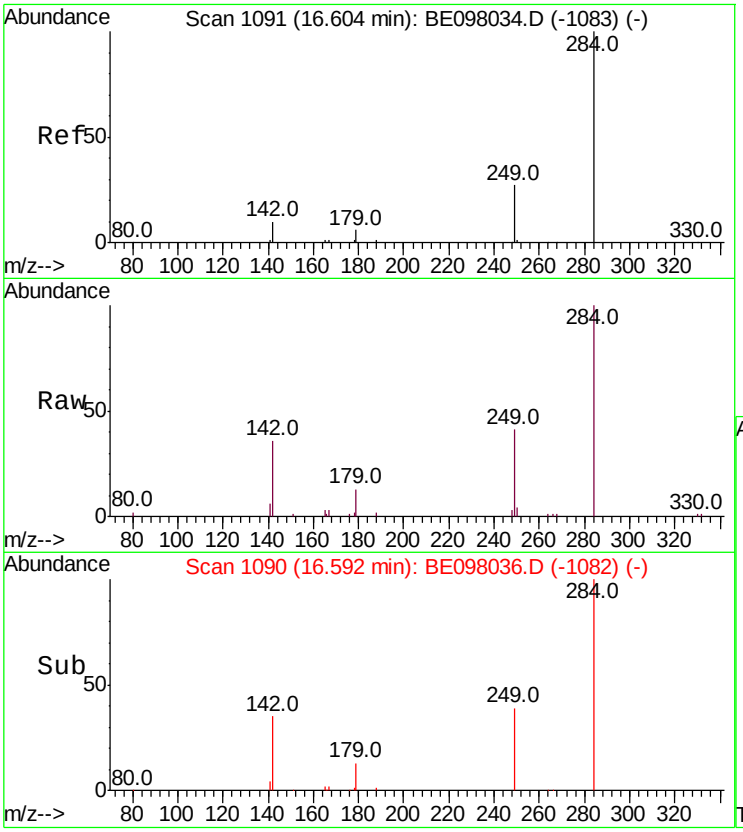


#20
4-Bromophenyl-phenylether
Concen: 1.776 ng
RT: 16.48 min Scan# 1080
Delta R.T. 0.00 min
Lab File: BE098036.D
Acq: 24 Oct 2018 12:40

Tgt Ion:248 Resp: 8972

Ion	Ratio	Lower	Upper
248	100		
250	89.5	75.1	112.7
141	76.4	51.8	77.8



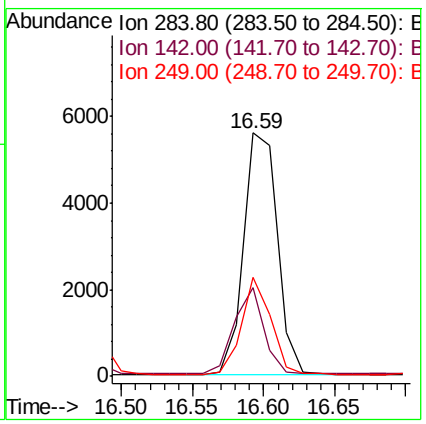


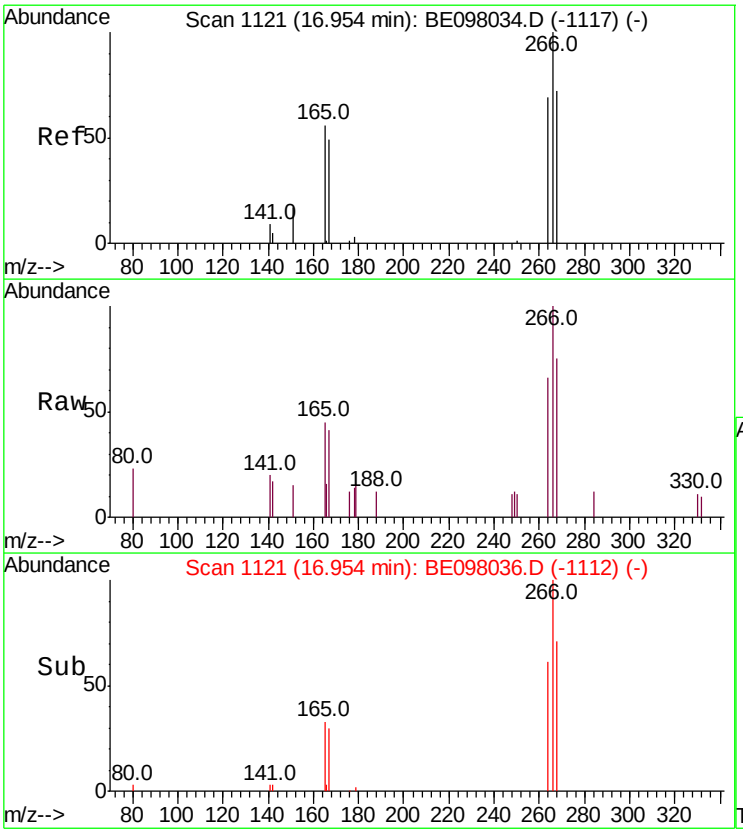
#21
Hexachlorobenzene
Concen: 1.844 ng
RT: 16.59 min Scan# 1090
Delta R.T. -0.01 min
Lab File: BE098036.D
Acq: 24 Oct 2018 12:40

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:284 Resp: 9158

Ion	Ratio	Lower	Upper
284	100		
142	31.2	25.9	38.9
249	34.4	26.6	40.0

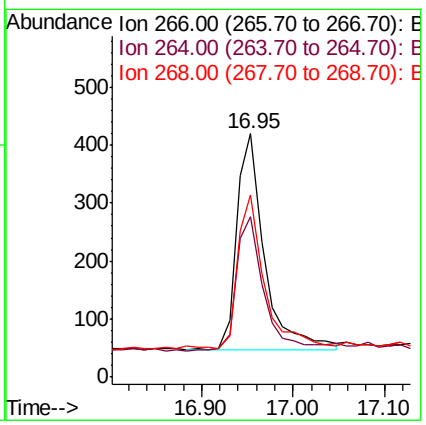


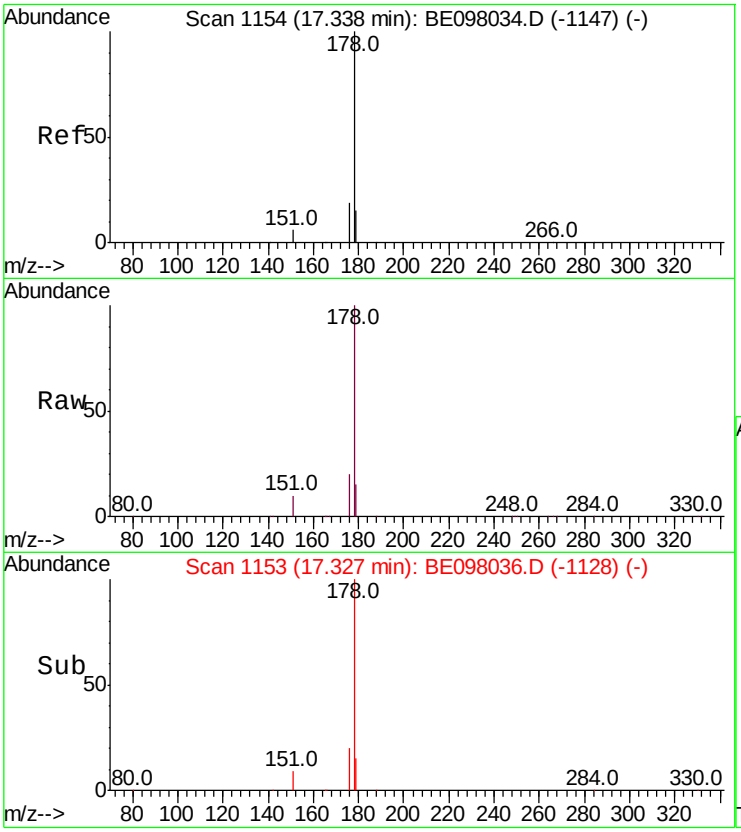


#22
Pentachlorophenol
Concen: 0.544 ng
RT: 16.95 min Scan# 1121
Delta R.T. 0.00 min
Lab File: BE098036.D
Acq: 24 Oct 2018 12:40

Tgt Ion:266 Resp: 781

Ion	Ratio	Lower	Upper
266	100		
264	66.0	51.3	76.9
268	75.0	50.1	75.1



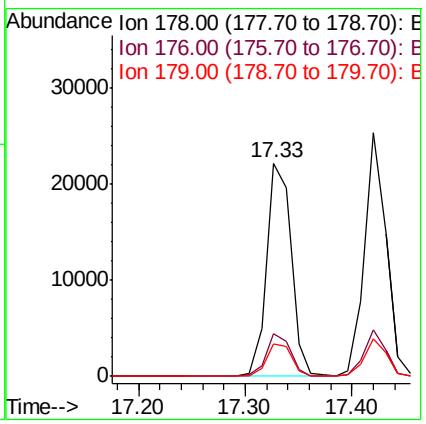


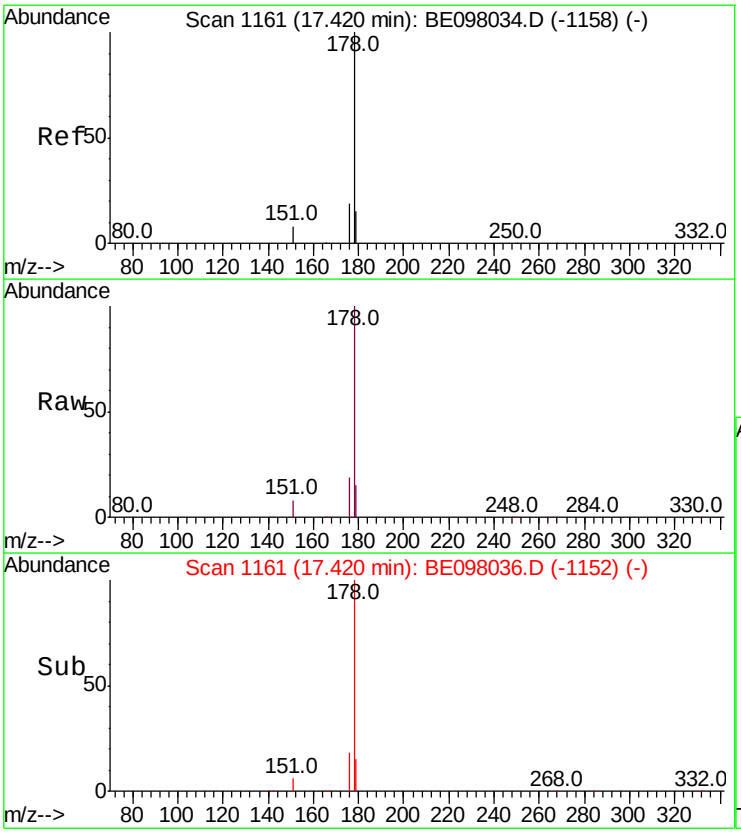
#23
Phenanthrene
Concen: 1.501 ng
RT: 17.33 min Scan# 1153
Delta R.T. -0.01 min
Lab File: BE098036.D
Acq: 24 Oct 2018 12:40

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:178 Resp: 35258

Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.5	23.3
179	15.6	12.2	18.4

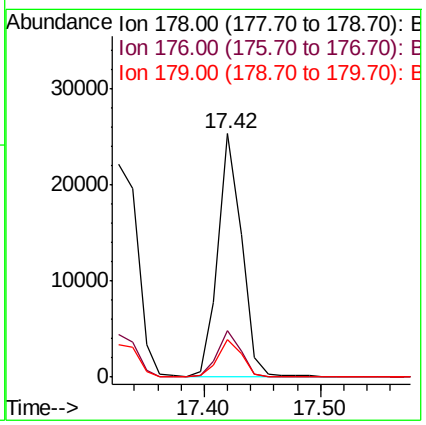


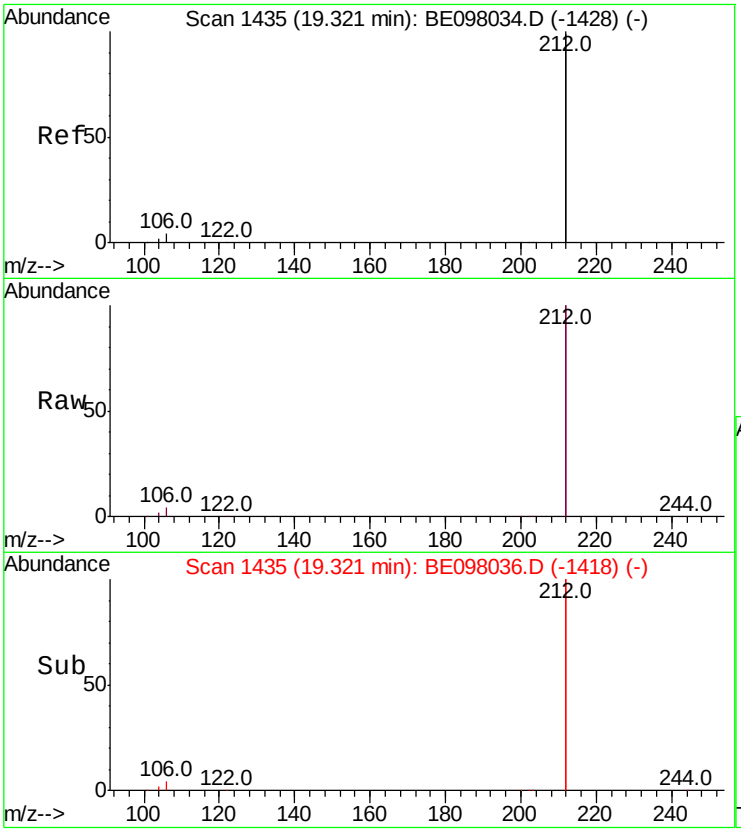


#24
Anthracene
Concen: 1.589 ng
RT: 17.42 min Scan# 1161
Delta R.T. 0.00 min
Lab File: BE098036.D
Acq: 24 Oct 2018 12:40

Tgt Ion:178 Resp: 35255

Ion	Ratio	Lower	Upper
178	100		
176	18.8	14.9	22.3
179	15.3	11.9	17.9



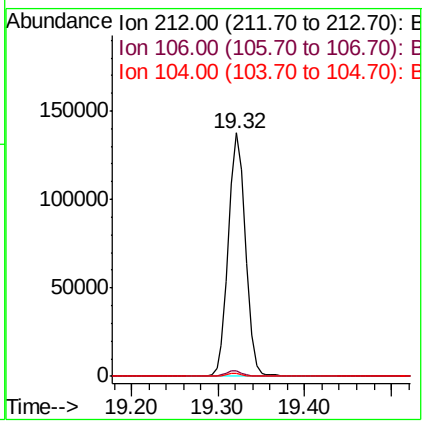


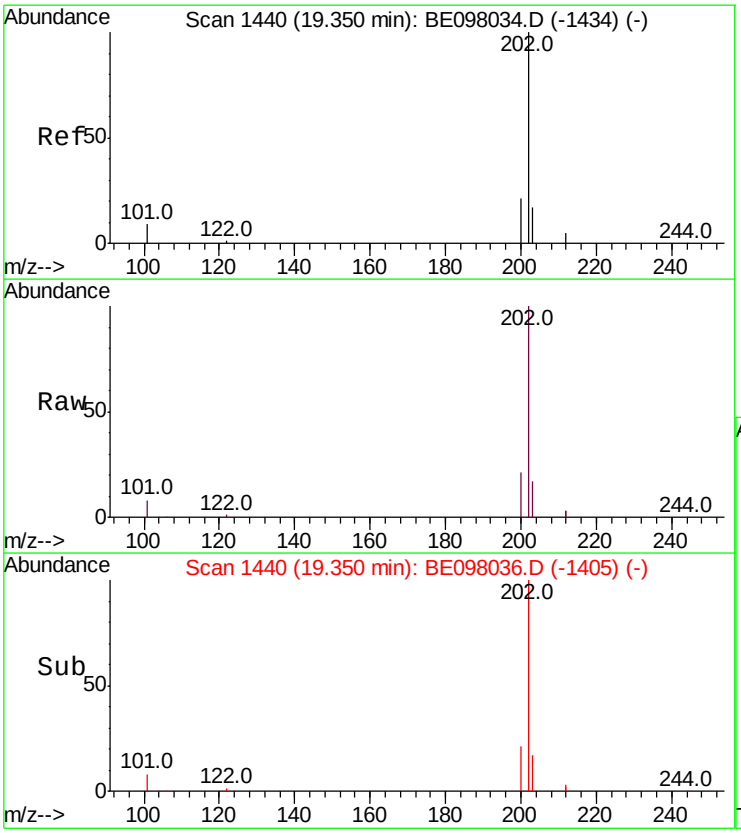
#25
Fluoranthene-d10
Concen: 1.477 ng
RT: 19.32 min Scan# 1435
Delta R.T. 0.00 min
Lab File: BE098036.D
Acq: 24 Oct 2018 12:40

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:212 Resp: 185036

Ion	Ratio	Lower	Upper
212	100		
106	2.1	2.3	3.5#
104	1.2	1.3	1.9#

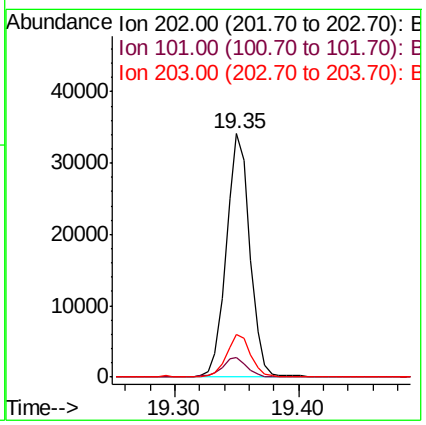


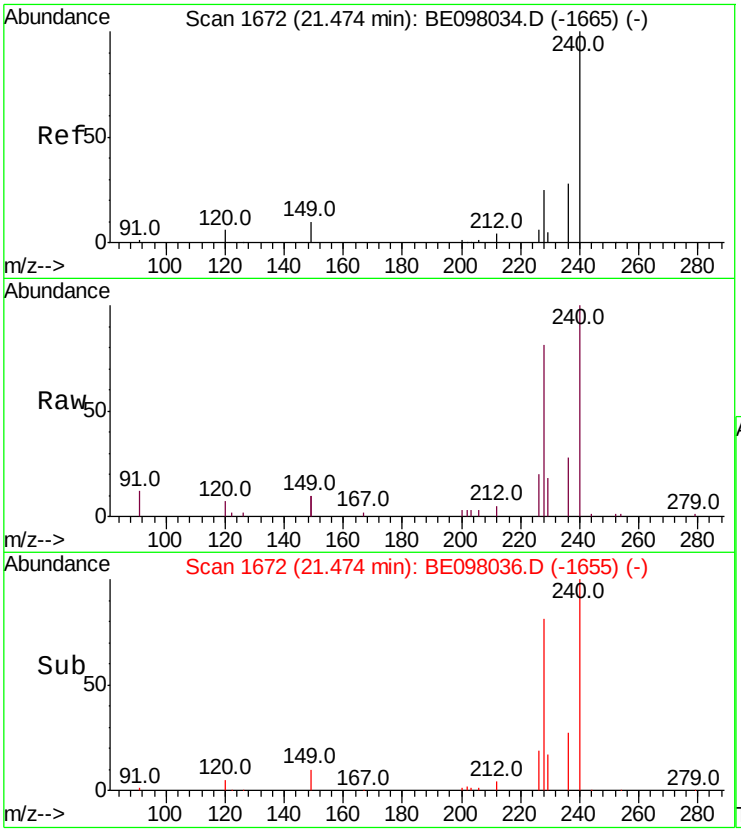


#26
Fluoranthene
Concen: 1.444 ng
RT: 19.35 min Scan# 1440
Delta R.T. 0.00 min
Lab File: BE098036.D
Acq: 24 Oct 2018 12:40

Tgt Ion:202 Resp: 44497

Ion	Ratio	Lower	Upper
202	100		
101	8.1	8.2	12.2#
203	17.3	15.0	22.4



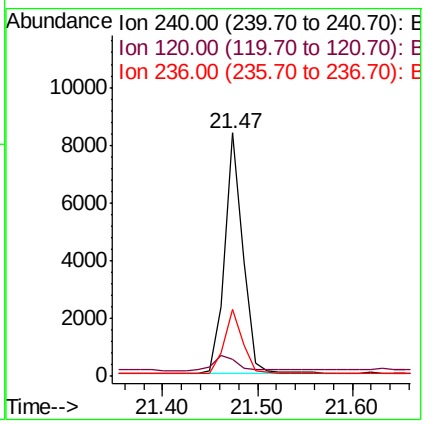


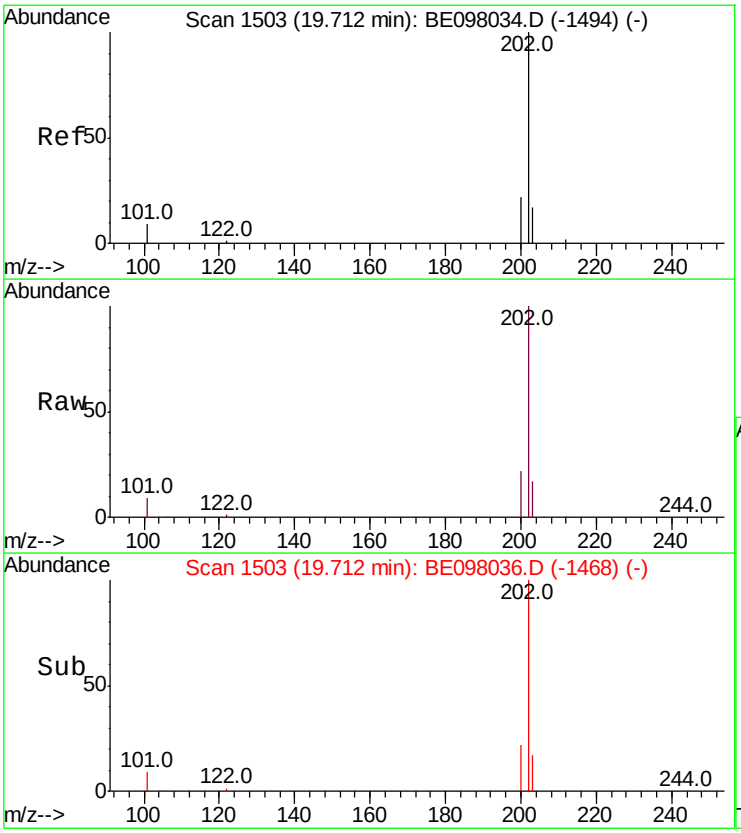
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.47 min Scan# 1672
Delta R.T. -0.00 min
Lab File: BE098036.D
Acq: 24 Oct 2018 12:40

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:240 Resp: 11009

Ion	Ratio	Lower	Upper
240	100		
120	7.3	7.1	10.7
236	27.7	21.3	31.9

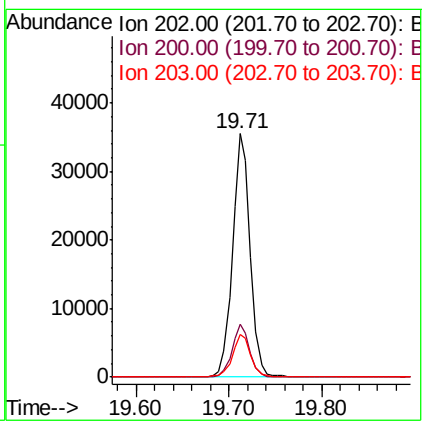


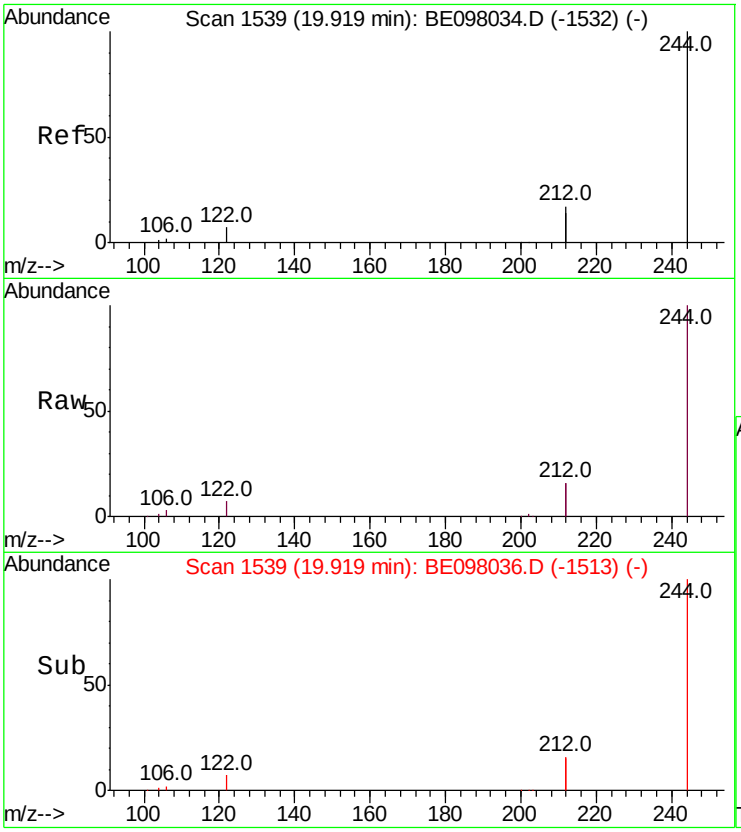


#28
Pyrene
Concen: 1.465 ng
RT: 19.71 min Scan# 1503
Delta R.T. 0.00 min
Lab File: BE098036.D
Acq: 24 Oct 2018 12:40

Tgt Ion:202 Resp: 46529

Ion	Ratio	Lower	Upper
202	100		
200	21.3	17.0	25.4
203	17.8	14.2	21.4



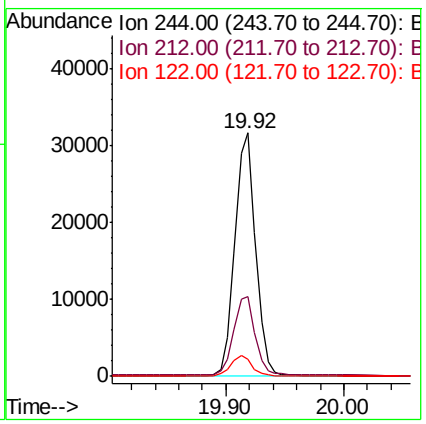


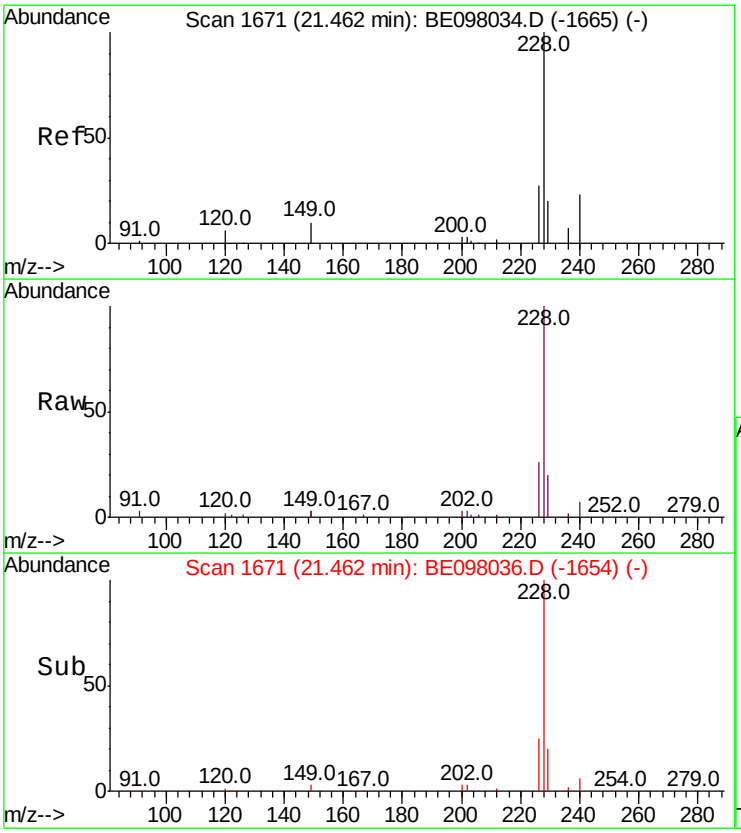
#29
Terphenyl-d14
Concen: 1.522 ng
RT: 19.92 min Scan# 1539
Delta R.T. 0.00 min
Lab File: BE098036.D
Acq: 24 Oct 2018 12:40

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:244 Resp: 38393

Ion	Ratio	Lower	Upper
244	100		
212	32.5	26.2	39.2
122	6.9	7.7	11.5#

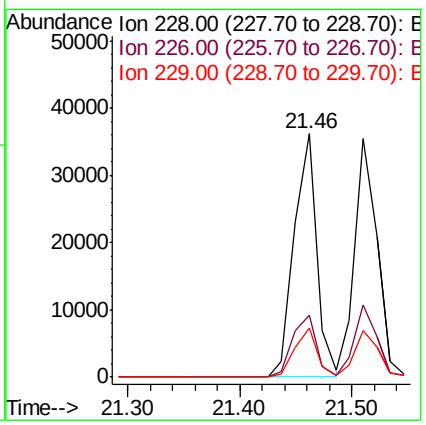


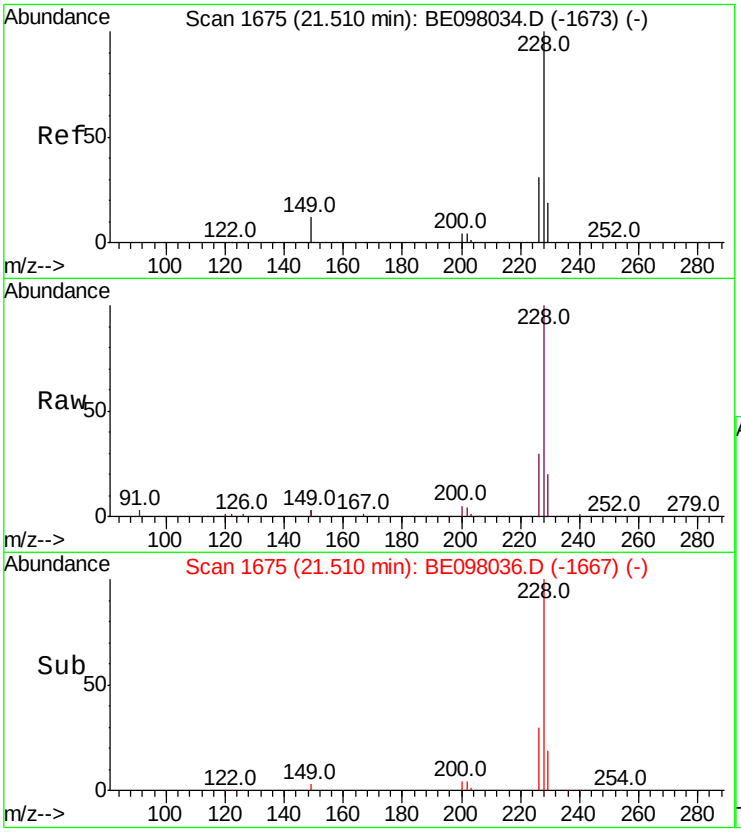


#30
Benzo(a)anthracene
Concen: 1.483 ng
RT: 21.46 min Scan# 1671
Delta R.T. -0.00 min
Lab File: BE098036.D
Acq: 24 Oct 2018 12:40

Tgt Ion:228 Resp: 50086

Ion	Ratio	Lower	Upper
228	100		
226	25.6	22.6	33.8
229	20.1	16.9	25.3



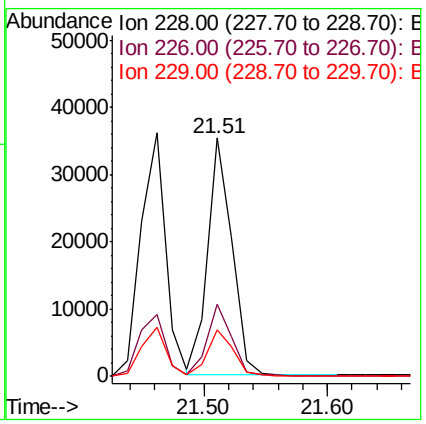


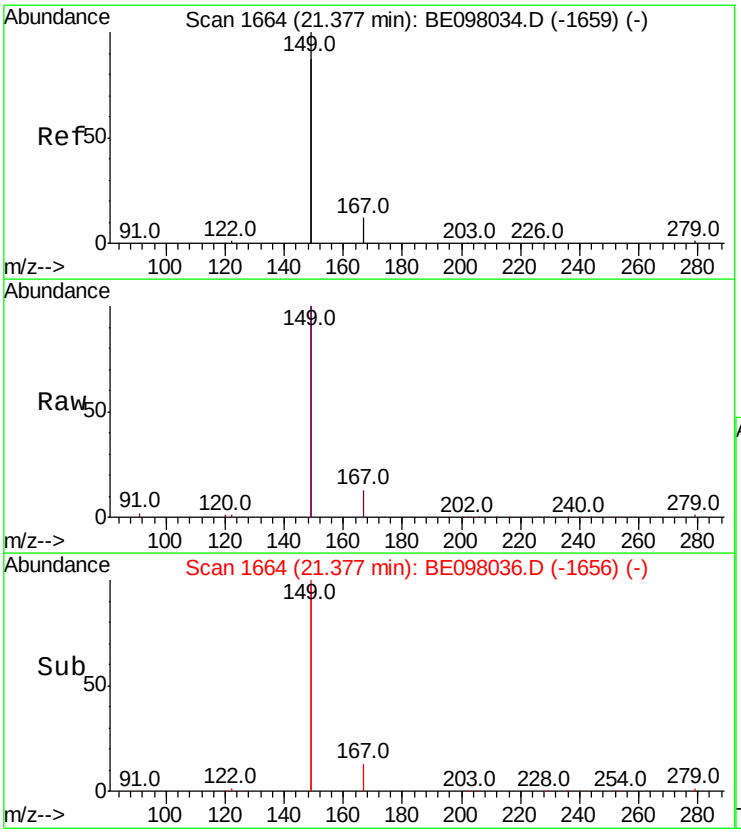
#31
Chrysene
Concen: 1.517 ng
RT: 21.51 min Scan# 1675
Delta R.T. -0.00 min
Lab File: BE098036.D
Acq: 24 Oct 2018 12:40

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:228 Resp: 48527

Ion	Ratio	Lower	Upper
228	100		
226	30.5	24.3	36.5
229	19.5	17.3	25.9

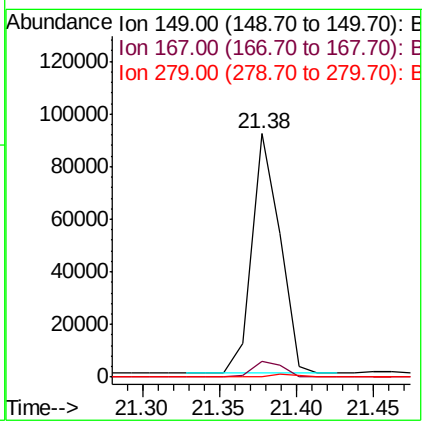


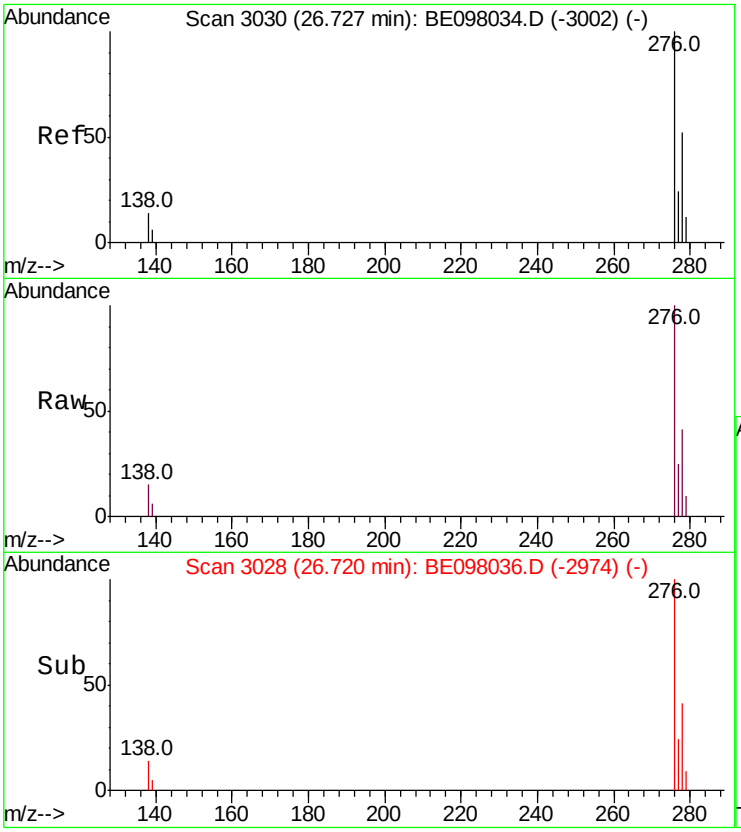


#32
Bis(2-ethylhexyl)phthalate
Concen: 1.452 ng
RT: 21.38 min Scan# 1664
Delta R.T. -0.00 min
Lab File: BE098036.D
Acq: 24 Oct 2018 12:40

Tgt Ion:149 Resp: 114495

Ion	Ratio	Lower	Upper
149	100		
167	7.1	5.6	8.4
279	1.2	0.9	1.3



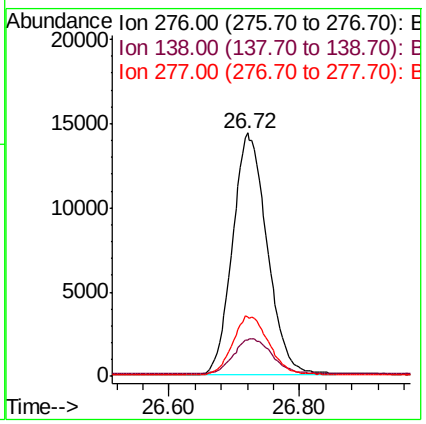


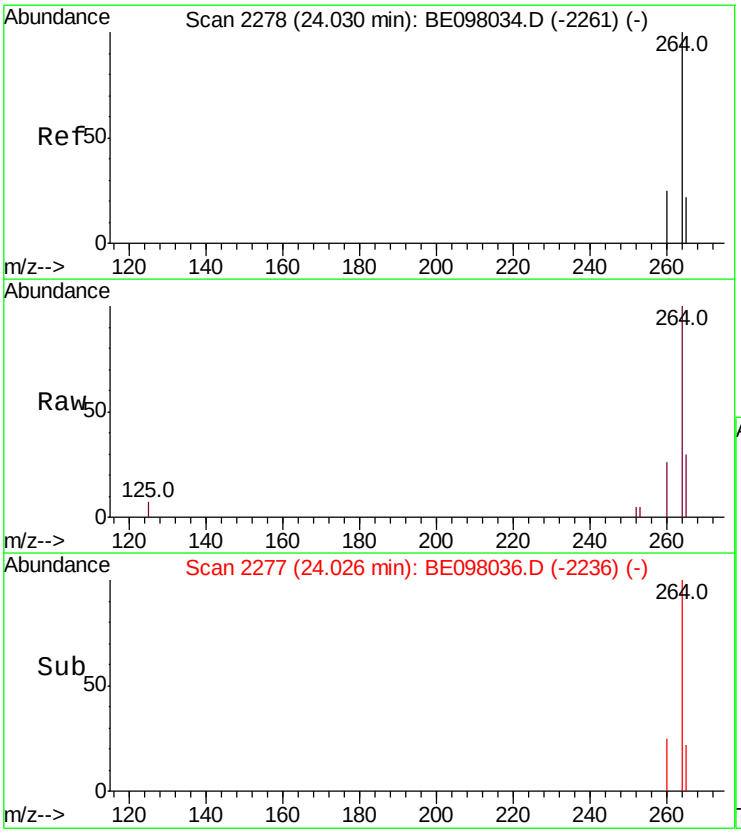
#33
Indeno(1,2,3-cd)pyrene
Concen: 1.545 ng
RT: 26.72 min Scan# 3028
Delta R.T. -0.01 min
Lab File: BE098036.D
Acq: 24 Oct 2018 12:40

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 53079

Ion	Ratio	Lower	Upper
276	100		
138	15.8	17.0	25.6#
277	25.3	20.5	30.7

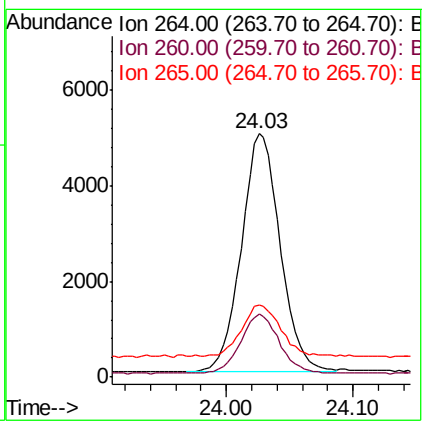


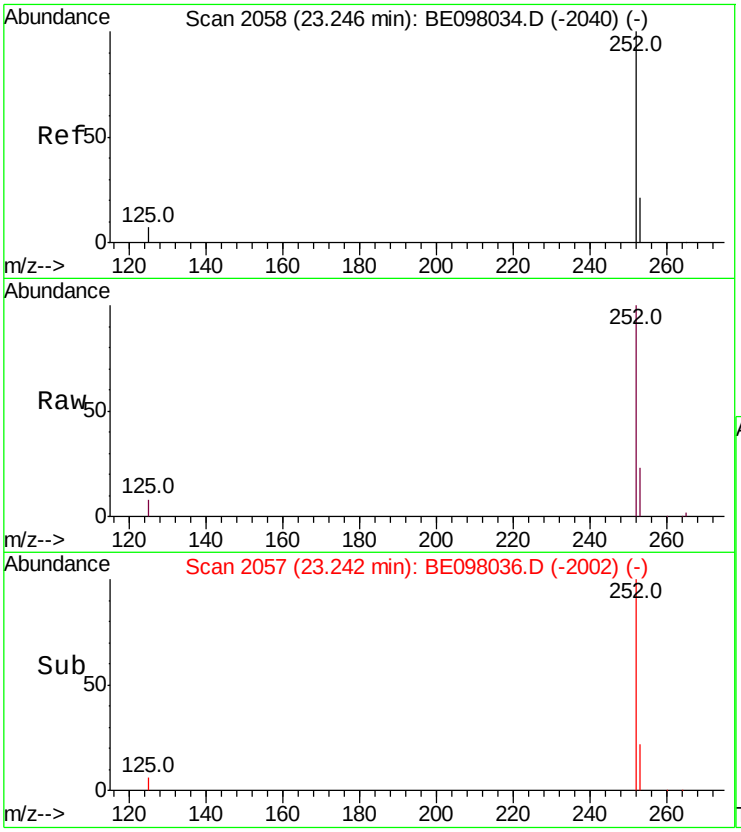


#34
Perylene-d12
Concen: 0.400 ng
RT: 24.03 min Scan# 2277
Delta R.T. -0.00 min
Lab File: BE098036.D
Acq: 24 Oct 2018 12:40

Tgt Ion:264 Resp: 10618

Ion	Ratio	Lower	Upper
264	100		
260	26.1	21.1	31.7
265	29.7	29.2	43.8



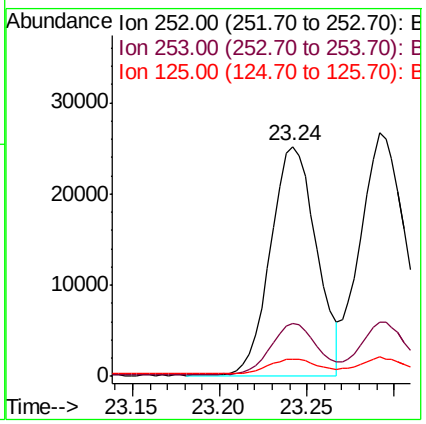


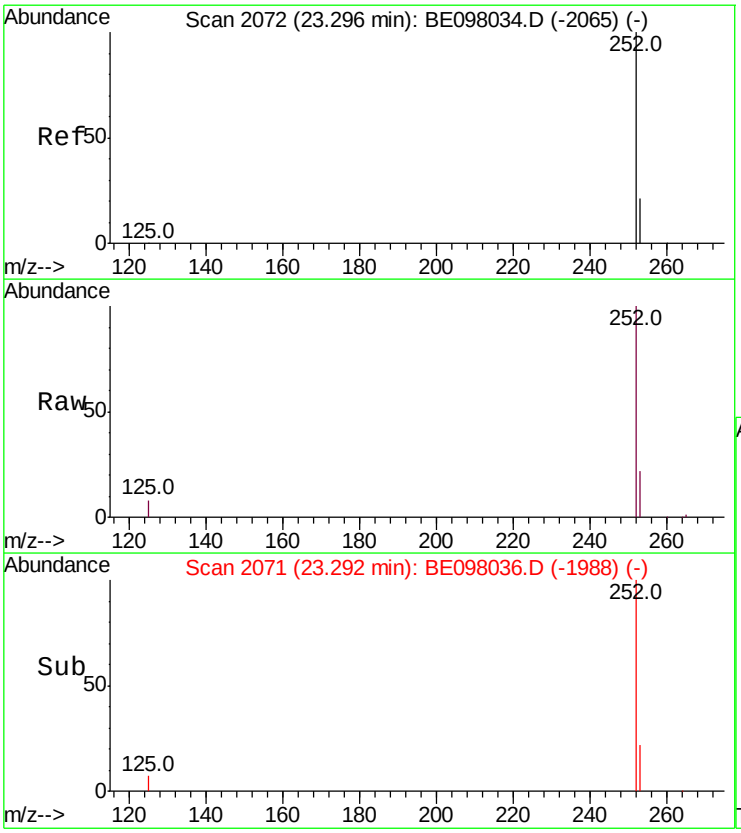
#35
Benzo(b)fluoranthene
Concen: 1.500 ng
RT: 23.24 min Scan# 2057
Delta R.T. -0.00 min
Lab File: BE098036.D
Acq: 24 Oct 2018 12:40

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 45836

Ion	Ratio	Lower	Upper
252	100		
253	23.2	20.6	31.0
125	7.7	14.3	21.5#

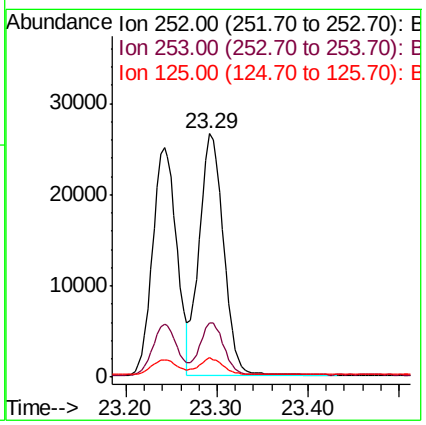


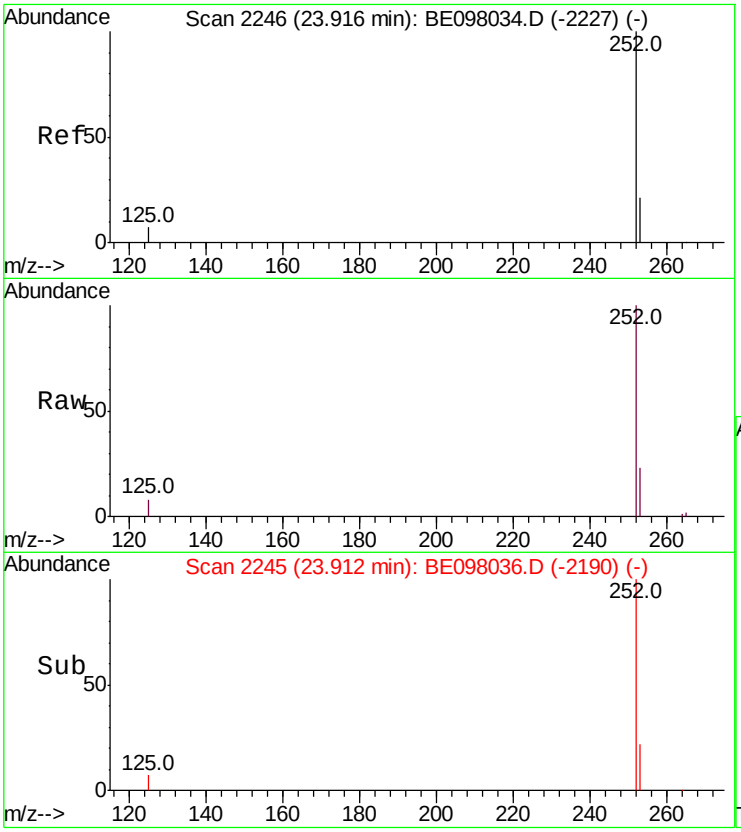


#36
Benzo(k)fluoranthene
Concen: 1.538 ng
RT: 23.29 min Scan# 2071
Delta R.T. -0.00 min
Lab File: BE098036.D
Acq: 24 Oct 2018 12:40

Tgt Ion:252 Resp: 48961

Ion	Ratio	Lower	Upper
252	100		
253	22.4	20.4	30.6
125	8.0	14.6	21.8#



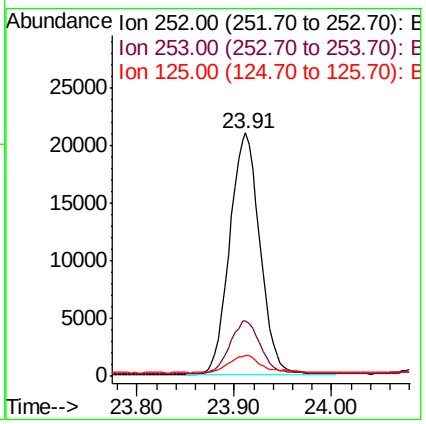


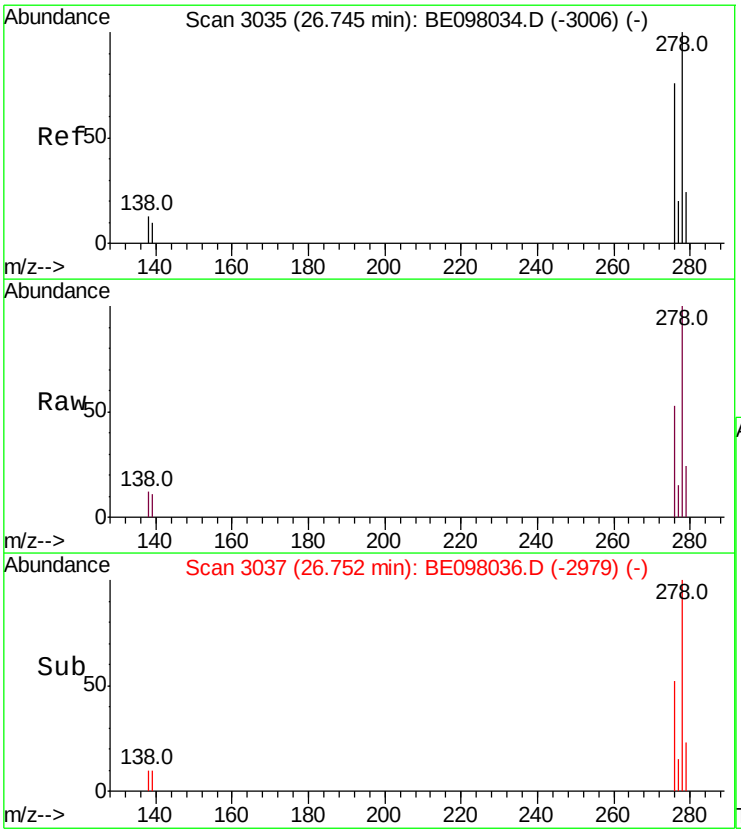
#37
Benzo(a)pyrene
Concen: 1.523 ng
RT: 23.91 min Scan# 2245
Delta R.T. -0.00 min
Lab File: BE098036.D
Acq: 24 Oct 2018 12:40

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 45372

Ion	Ratio	Lower	Upper
252	100		
253	22.8	20.6	31.0
125	8.5	15.6	23.4#

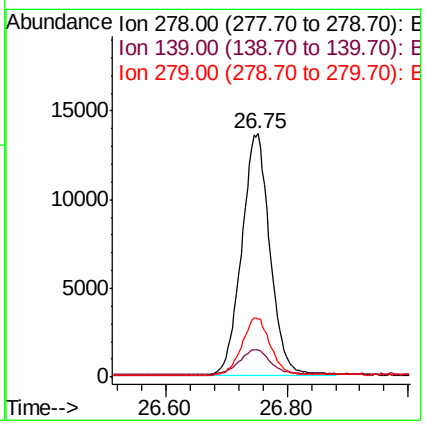


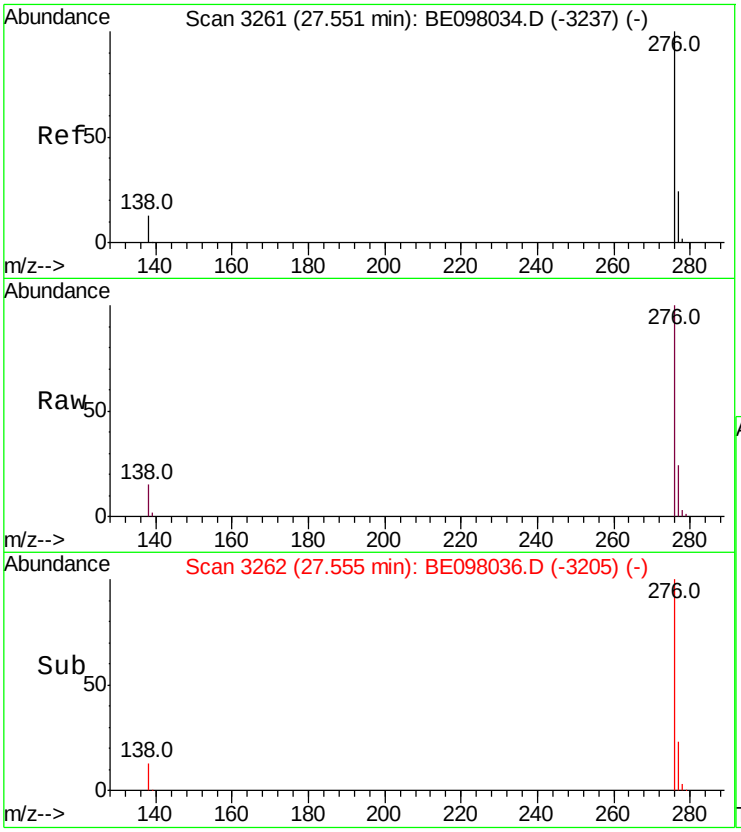


#38
Dibenzo(a,h)anthracene
Concen: 1.533 ng
RT: 26.75 min Scan# 3037
Delta R.T. 0.01 min
Lab File: BE098036.D
Acq: 24 Oct 2018 12:40

Tgt Ion:278 Resp: 44710

Ion	Ratio	Lower	Upper
278	100		
139	11.2	16.3	24.5#
279	23.9	21.4	32.2





#39
Benzo(g,h,i)perylene
Concen: 1.481 ng
RT: 27.55 min Scan# 3262
Delta R.T. 0.00 min
Lab File: BE098036.D
Acq: 24 Oct 2018 12:40

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 44264

Ion	Ratio	Lower	Upper
276	100		
277	24.0	22.1	33.1
138	14.5	19.3	28.9#