Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE102418\
Data File : BE098032.D
Acq On : 24 Oct 2018 10:11
Operator : SJ/JU
Sample : SSTDICC0.1
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : SSTDICC0.1

Quant Time: Oct 24 13:31:05 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	1135	0.40	ng		0.00
7) Naphthalene-d8	10.68	136	5412	0.40	ng		0.00
13) Acenaphthene-d10	14.54	164	3823	0.40	ng		0.00
19) Phenanthrene-d10	17.29	188	9066	0.40	ng		0.00
27) Chrysene-d12	21.48	240	10579	0.40	ng		0.00
34) Perylene-d12	24.03	264	10556	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.47	112	366	0.10	ng		0.00
5) Phenol-d6	7.06	99	635	0.12	ng		0.00
8) Nitrobenzene-d5	9.03	82	563	0.11	ng		0.00
11) 2-Methylnaphthalene-d10	12.28	152	1032	0.11	ng		0.00
14) 2,4,6-Tribromophenol	16.04	330	216	0.11	ng		0.01
15) 2-Fluorobiphenyl	13.16	172	1724	0.11	ng		0.00
25) Fluoranthene-d10	19.33	212	12100	0.10	ng		0.00
29) Terphenyl-d14	19.92	244	2805	0.12	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.38	88	180	0.091	ng	#	92
3) n-Nitrosodimethylamine	3.70	42	227	0.103	ng	#	73
6) bis(2-Chloroethyl)ether	7.30	93	459	0.102	ng		92
9) Naphthalene	10.73	128	5592	0.104	ng	#	97
10) Hexachlorobutadiene	11.02	225	387	0.133	ng		97
12) 2-Methylnaphthalene	12.35	142	1054	0.114	ng	#	93
16) Acenaphthylene	14.27	152	1696	0.096	ng		98
17) Acenaphthene	14.61	154	1043	0.097	ng		98
18) Fluorene	15.59	166	1467	0.099	ng		97
20) 4-Bromophenyl-phenylether	16.49	248	544	0.110	ng		83
21) Hexachlorobenzene	16.60	284	576	0.118	ng		91
23) Phenanthrene	17.34	178	2320	0.101	ng		96
24) Anthracene	17.42	178	2280	0.105	ng		99
26) Fluoranthene	19.35	202	2850	0.094	ng		99
28) Pyrene	19.72	202	3135	0.103	ng		100
30) Benzo(a)anthracene	21.46	228	3242	0.100	ng		94
31) Chrysene	21.51	228	3204	0.104	ng		96
32) Bis(2-ethylhexyl)phthalate	21.38	149	8462	0.112	ng	#	97
33) Indeno(1,2,3-cd)pyrene	26.73	276	3425	0.104	ng	#	89
35) Benzo(b)fluoranthene	23.25	252	3084	0.102	ng	#	83
36) Benzo(k)fluoranthene	23.30	252	3153	0.100	ng	#	85
37) Benzo(a)pyrene	23.92	252	3040	0.103	ng	#	78
38) Dibenzo(a,h)anthracene	26.75	278	2879	0.099	ng	#	82
39) Benzo(g,h,i)perylene	27.55	276	2875	0.097	ng	#	90

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

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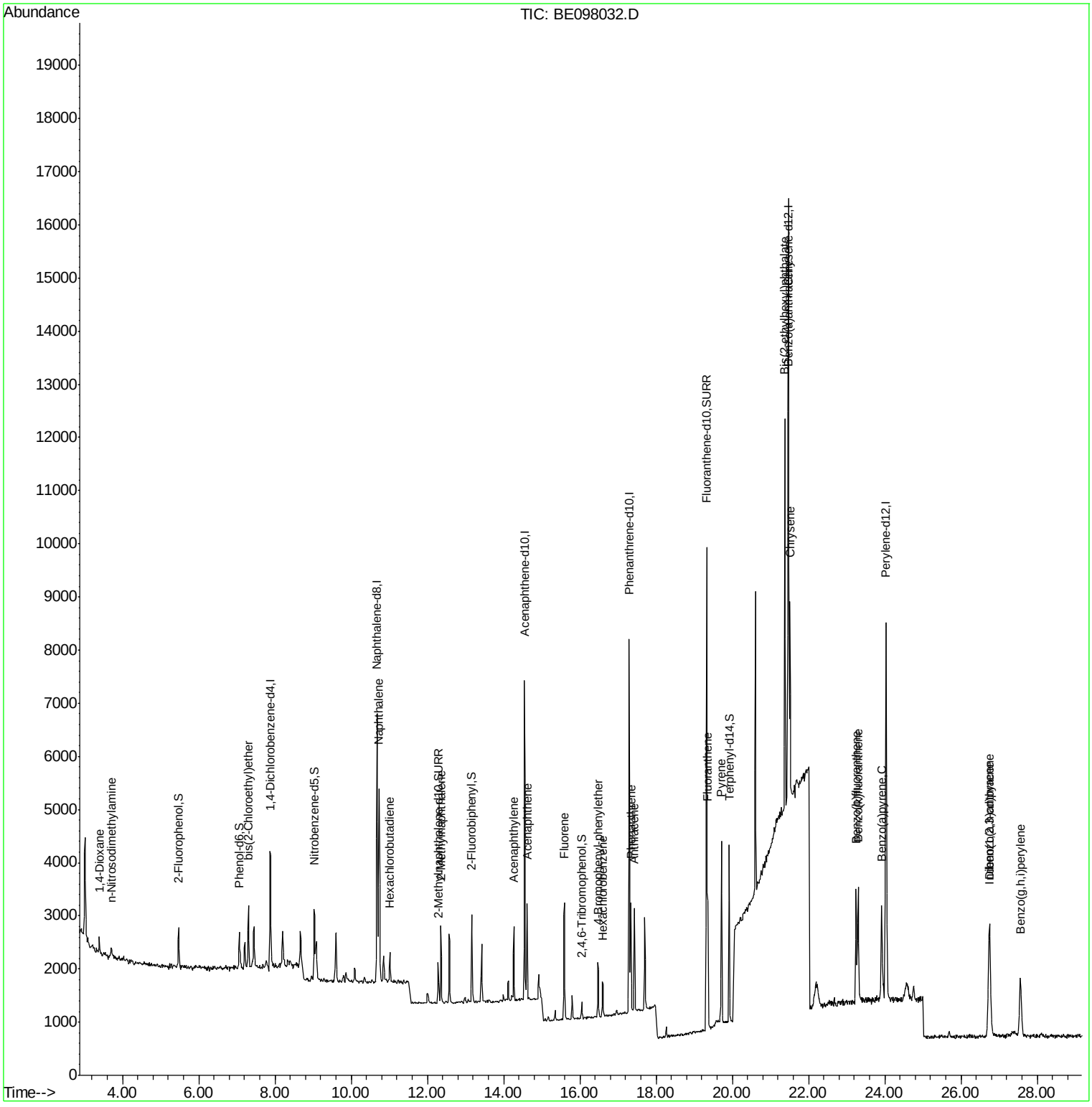
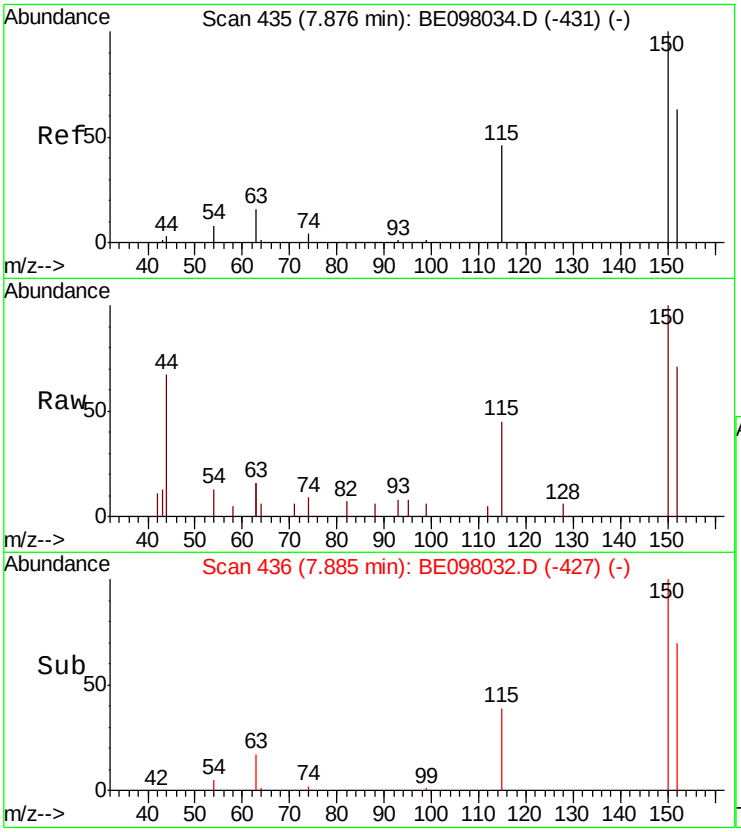
Operator : SJ/JU
Sample : SSTDICC0.1
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Quant Time: Oct 24 13:31:05 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



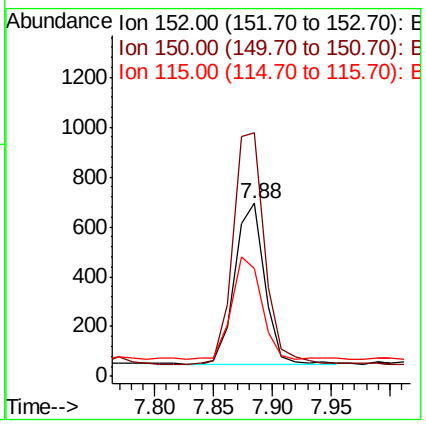


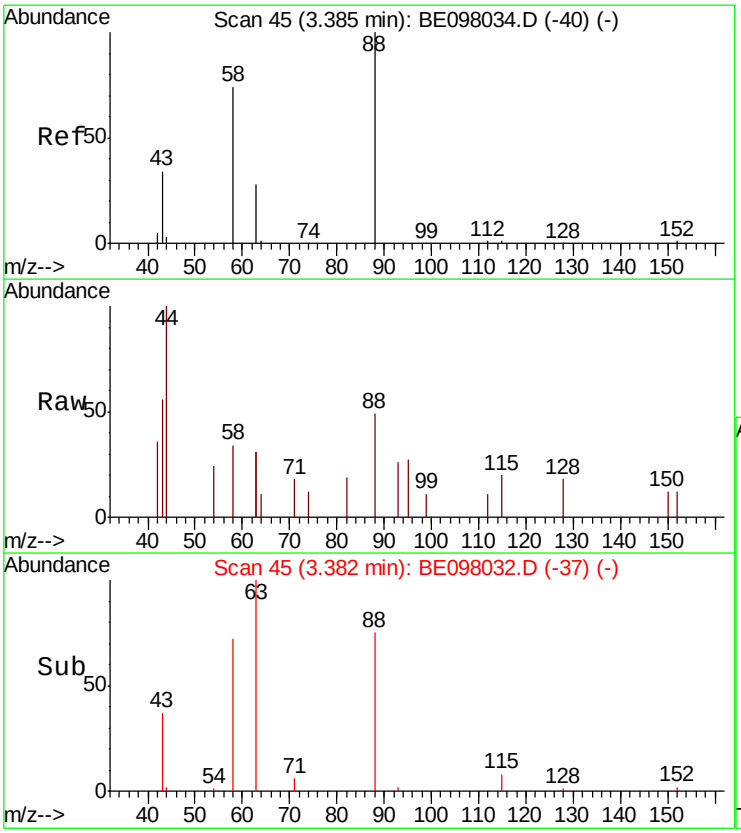
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.88 min Scan# 436
Delta R.T. 0.01 min
Lab File: BE098032.D
Acq: 24 Oct 2018 10:11

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Tgt Ion:152 Resp: 1135

Ion	Ratio	Lower	Upper
152	100		
150	140.8	118.2	177.4
115	62.7	50.9	76.3

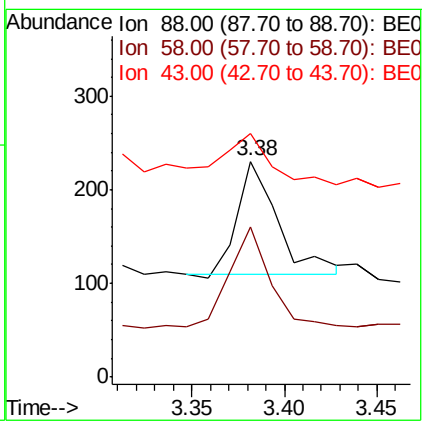


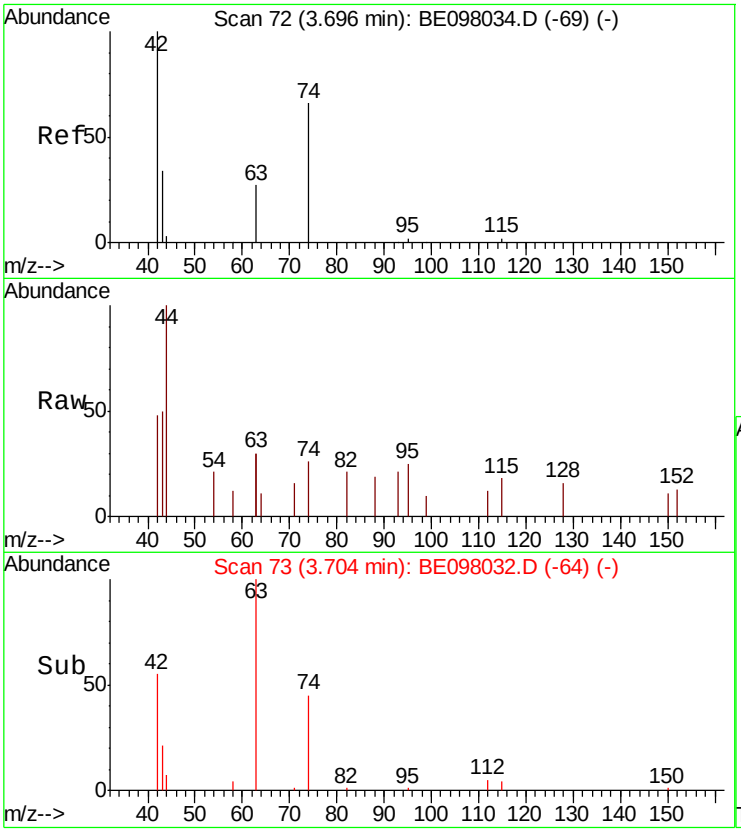


#2
1,4-Dioxane
Concen: 0.091 ng
RT: 3.38 min Scan# 45
Delta R.T. -0.00 min
Lab File: BE098032.D
Acq: 24 Oct 2018 10:11

Tgt Ion: 88 Resp: 180

Ion	Ratio	Lower	Upper
88	100		
58	96.1	73.2	109.8
43	56.1	36.9	55.3#



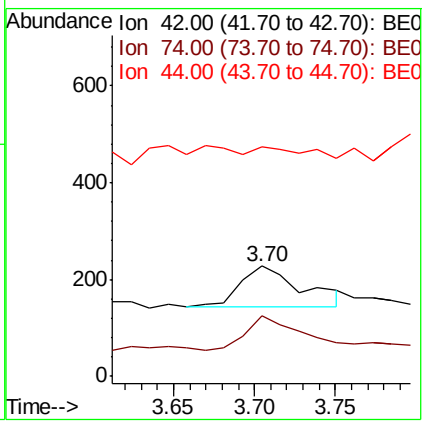


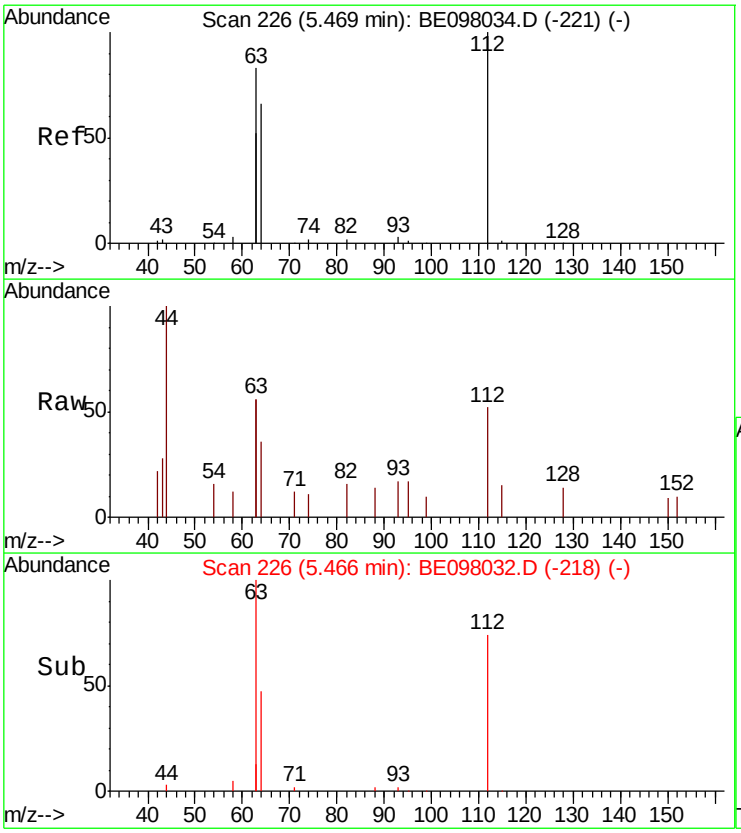
#3
n-Nitrosodimethylamine
Concen: 0.103 ng
RT: 3.70 min Scan# 73
Delta R.T. 0.01 min
Lab File: BE098032.D
Acq: 24 Oct 2018 10:11

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Tgt Ion: 42 Resp: 227

Ion	Ratio	Lower	Upper
42	100		
74	70.5	77.6	116.4#
44	0.0	7.6	11.4#

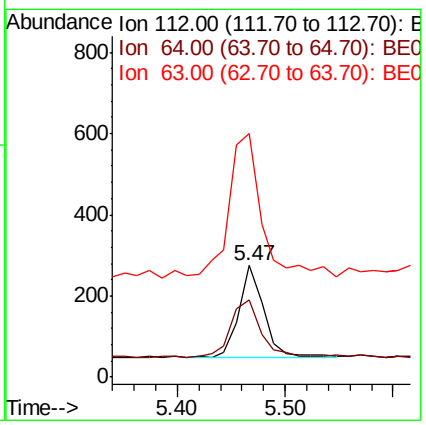


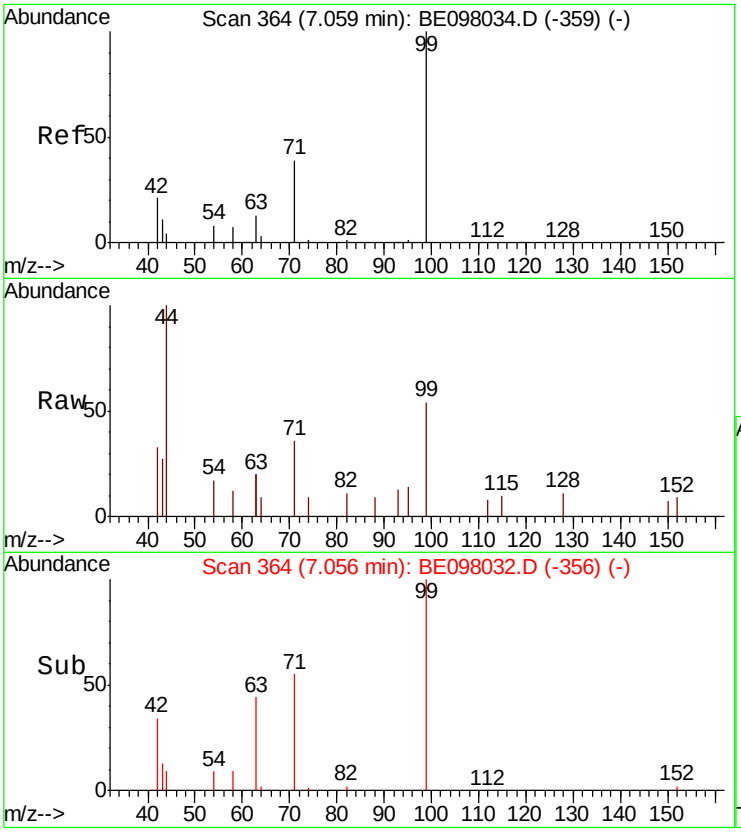


#4
2-Fluorophenol
Concen: 0.102 ng
RT: 5.47 min Scan# 226
Delta R.T. -0.00 min
Lab File: BE098032.D
Acq: 24 Oct 2018 10:11

Tgt Ion:112 Resp: 366

Ion	Ratio	Lower	Upper
112	100		
64	77.6	58.9	88.3
63	198.6	120.3	180.5#



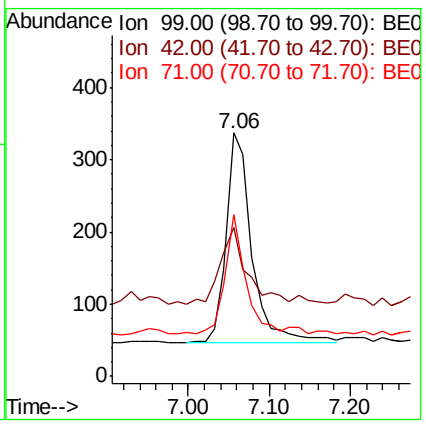


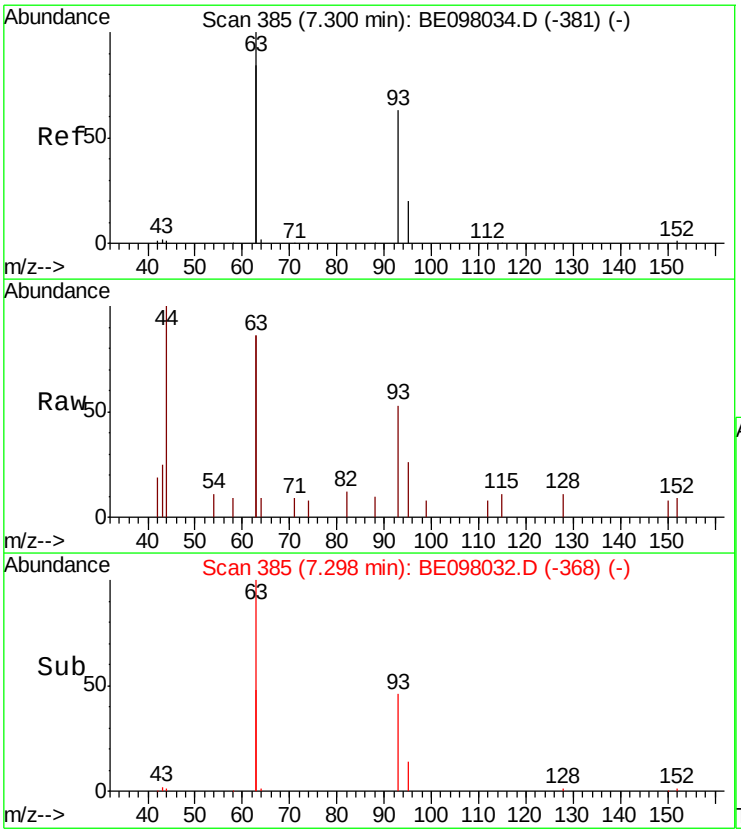
#5
Phenol-d6
Concen: 0.120 ng
RT: 7.06 min Scan# 364
Delta R.T. -0.00 min
Lab File: BE098032.D
Acq: 24 Oct 2018 10:11

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Tgt Ion: 99 Resp: 635

Ion	Ratio	Lower	Upper
99	100		
42	40.3	19.9	29.9#
71	47.7	27.8	41.8#

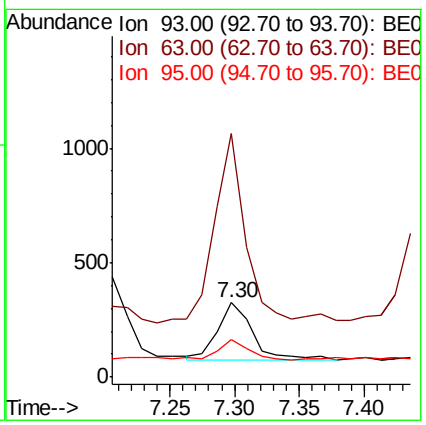


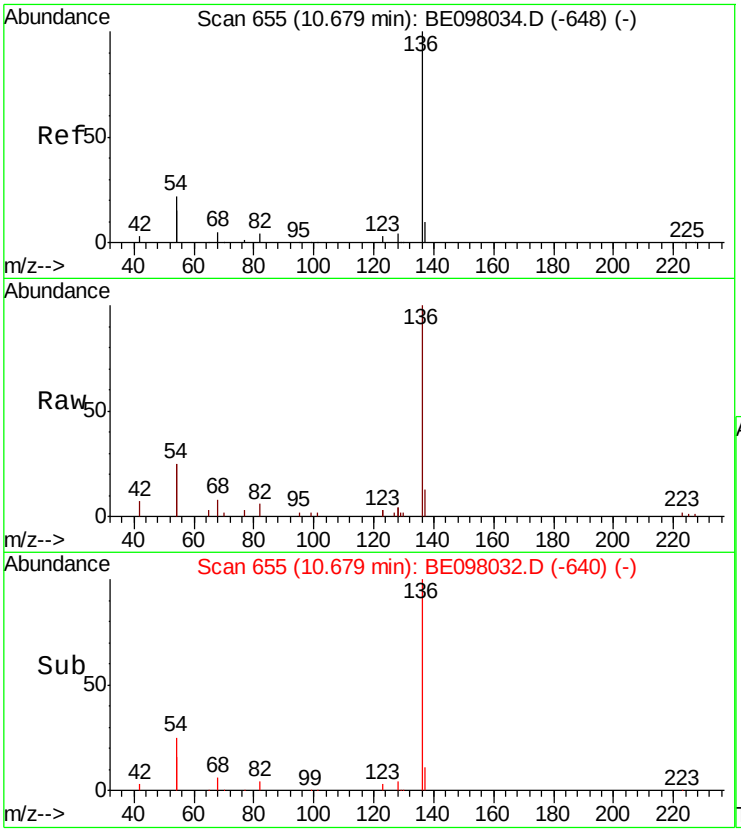


#6
bis(2-Chloroethyl)ether
Concen: 0.102 ng
RT: 7.30 min Scan# 385
Delta R.T. -0.00 min
Lab File: BE098032.D
Acq: 24 Oct 2018 10:11

Tgt Ion: 93 Resp: 459

Ion	Ratio	Lower	Upper
93	100		
63	306.5	259.0	388.4
95	30.5	27.8	41.8



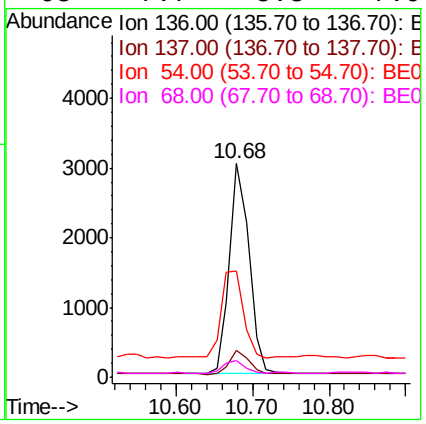


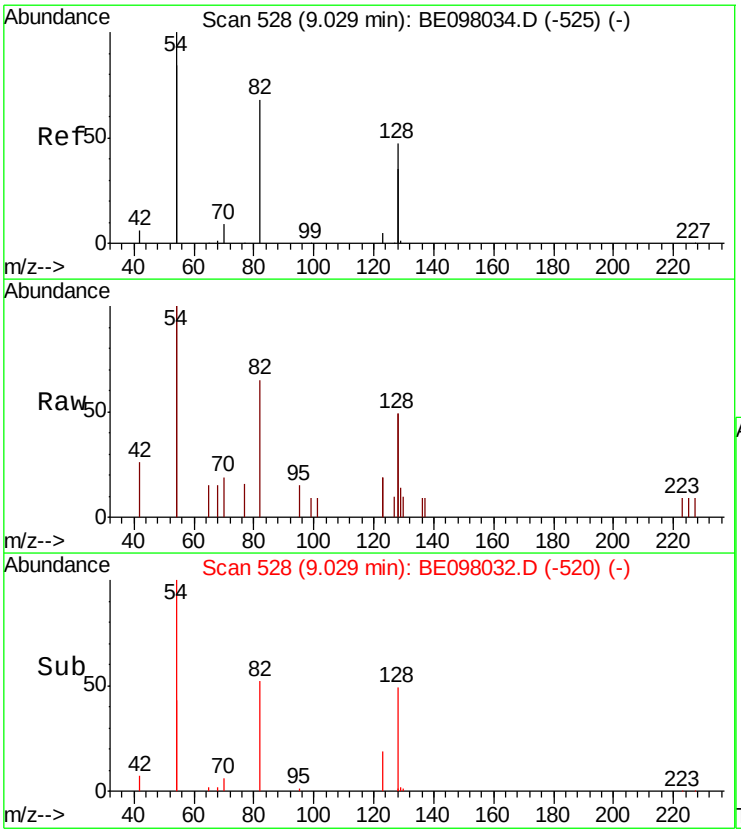
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.68 min Scan# 655
Delta R.T. -0.00 min
Lab File: BE098032.D
Acq: 24 Oct 2018 10:11

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Tgt Ion:136 Resp: 5412

Ion	Ratio	Lower	Upper
136	100		
137	12.5	9.6	14.4
54	49.9	27.7	41.5#
68	7.7	5.3	7.9

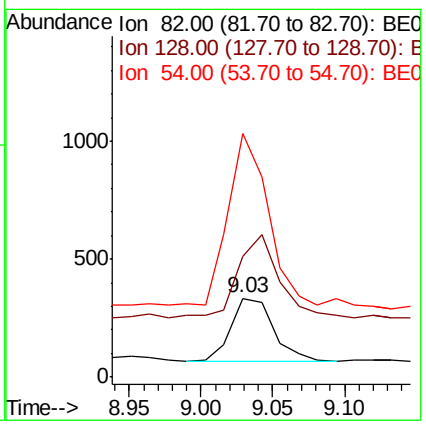


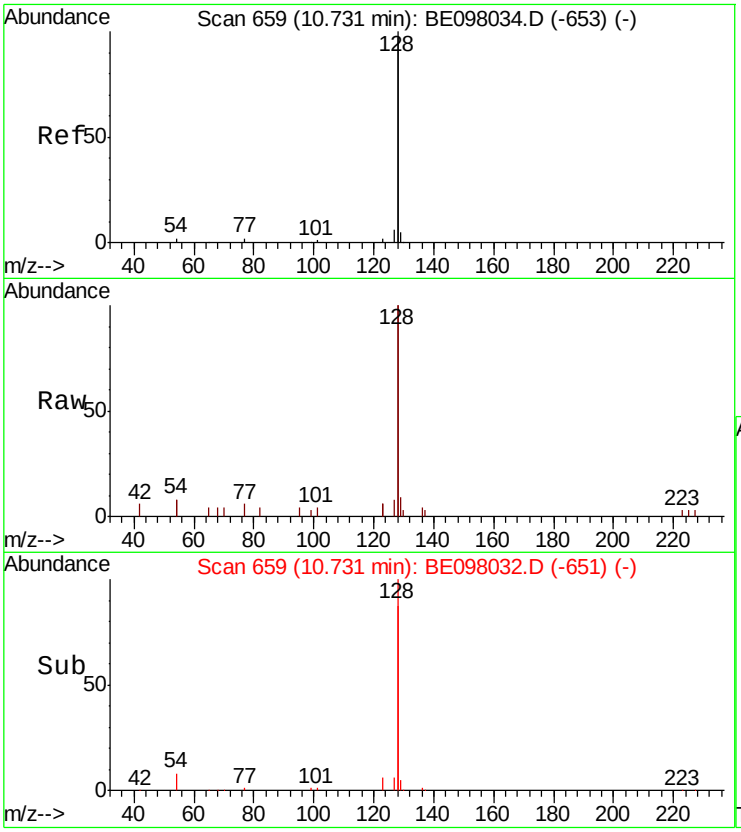


#8
Nitrobenzene-d5
Concen: 0.110 ng
RT: 9.03 min Scan# 528
Delta R.T. -0.00 min
Lab File: BE098032.D
Acq: 24 Oct 2018 10:11

Tgt Ion: 82 Resp: 563

Ion	Ratio	Lower	Upper
82	100		
128	153.2	129.9	194.9
54	309.9	174.0	261.0#



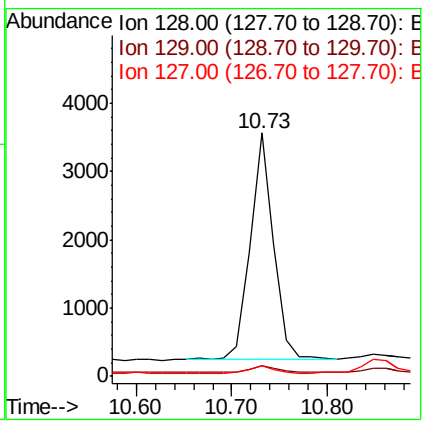


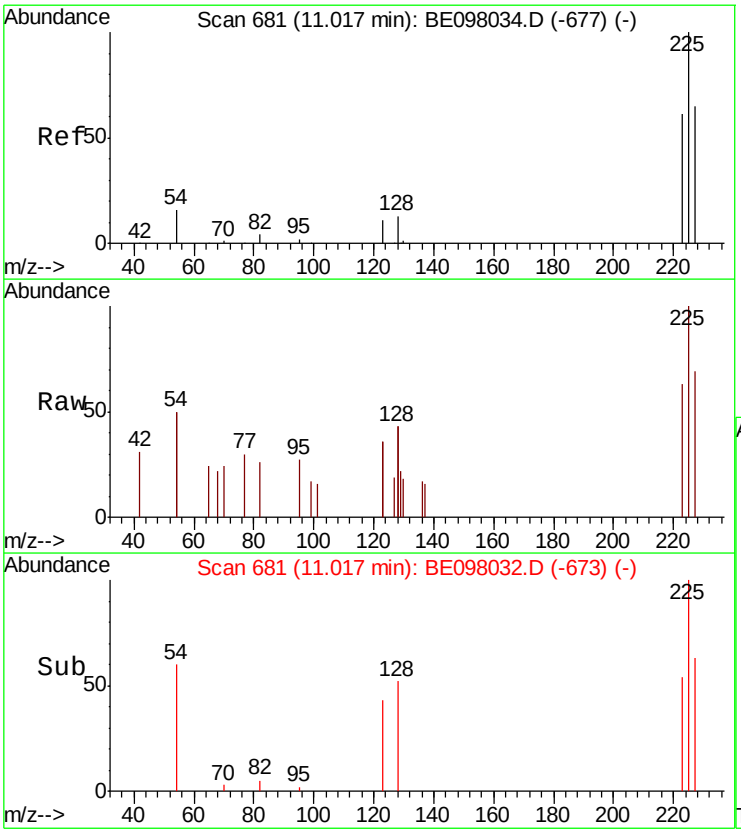
#9
Naphthalene
Concen: 0.104 ng
RT: 10.73 min Scan# 659
Delta R.T. -0.00 min
Lab File: BE098032.D
Acq: 24 Oct 2018 10:11

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Tgt Ion:128 Resp: 5592

Ion	Ratio	Lower	Upper
128	100		
129	4.3	2.5	3.7#
127	4.1	2.8	4.2

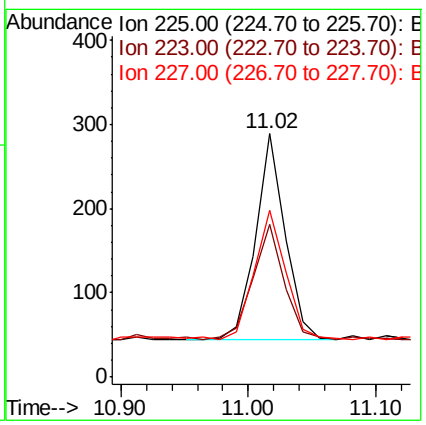


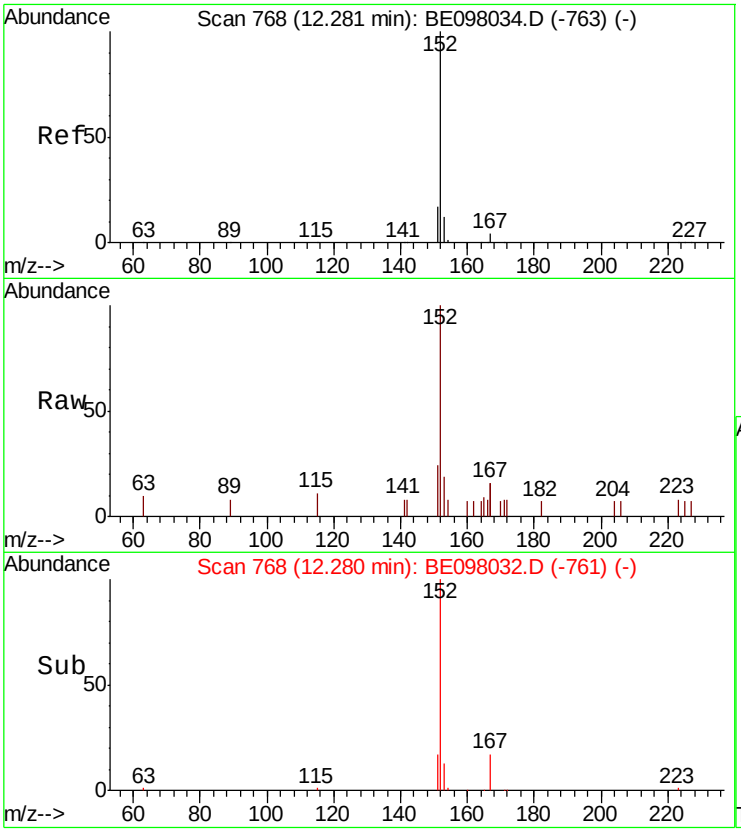


#10
Hexachlorobutadiene
Concen: 0.133 ng
RT: 11.02 min Scan# 681
Delta R.T. -0.00 min
Lab File: BE098032.D
Acq: 24 Oct 2018 10:11

Tgt Ion:225 Resp: 387

Ion	Ratio	Lower	Upper
225	100		
223	60.5	51.8	77.8
227	65.4	53.0	79.6



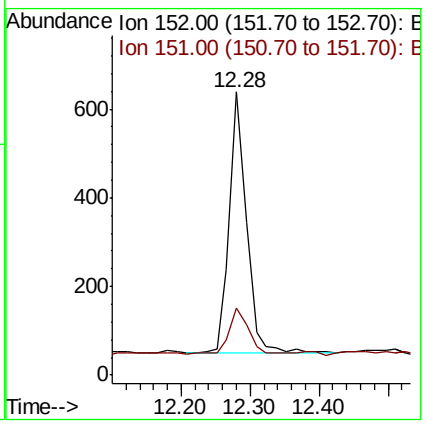


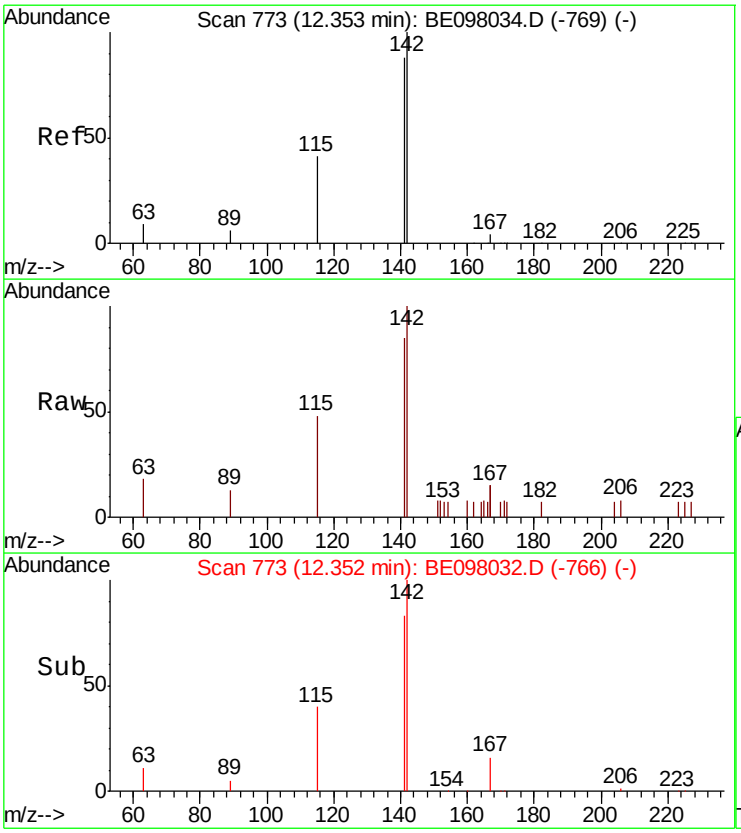
#11
2-Methylnaphthalene-d10
Concen: 0.115 ng
RT: 12.28 min Scan# 768
Delta R.T. -0.00 min
Lab File: BE098032.D
Acq: 24 Oct 2018 10:11

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Tgt Ion:152 Resp: 1032

Ion	Ratio	Lower	Upper
152	100		
151	18.9	16.2	24.4

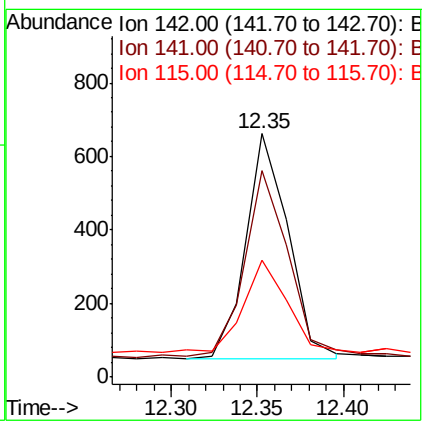


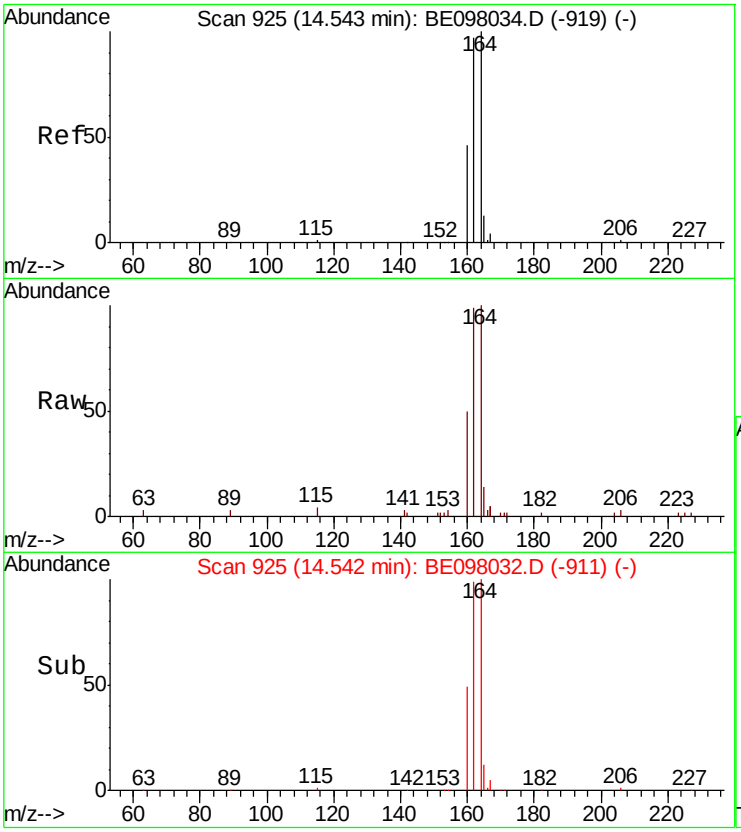


#12
2-Methylnaphthalene
Concen: 0.114 ng
RT: 12.35 min Scan# 773
Delta R.T. -0.00 min
Lab File: BE098032.D
Acq: 24 Oct 2018 10:11

Tgt Ion:142 Resp: 1054

Ion	Ratio	Lower	Upper
142	100		
141	84.7	69.8	104.6
115	48.2	30.5	45.7#



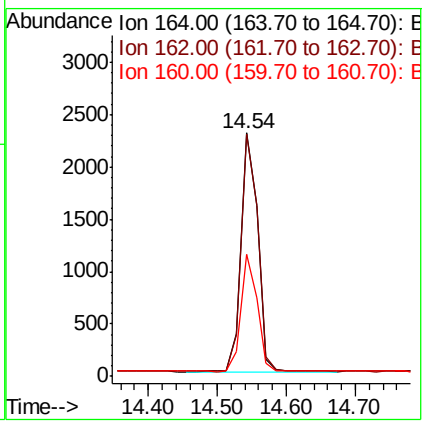


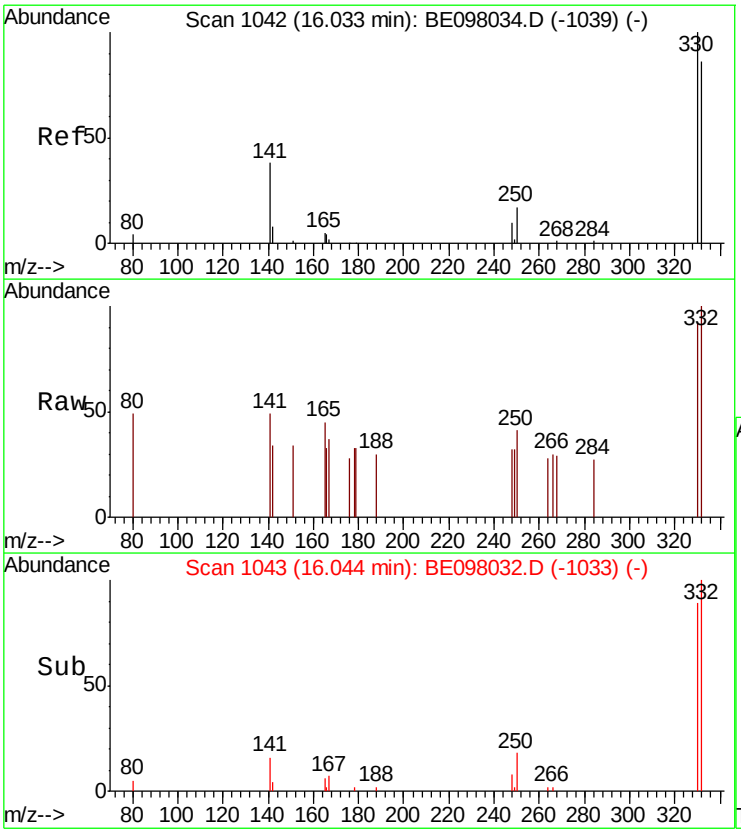
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.54 min Scan# 925
Delta R.T. -0.00 min
Lab File: BE098032.D
Acq: 24 Oct 2018 10:11

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Tgt Ion:164 Resp: 3823

Ion	Ratio	Lower	Upper
164	100		
162	99.3	77.4	116.2
160	50.3	36.5	54.7

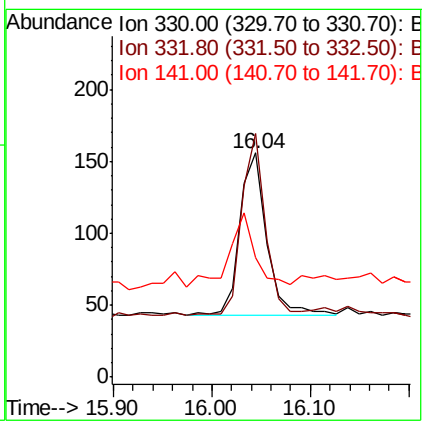


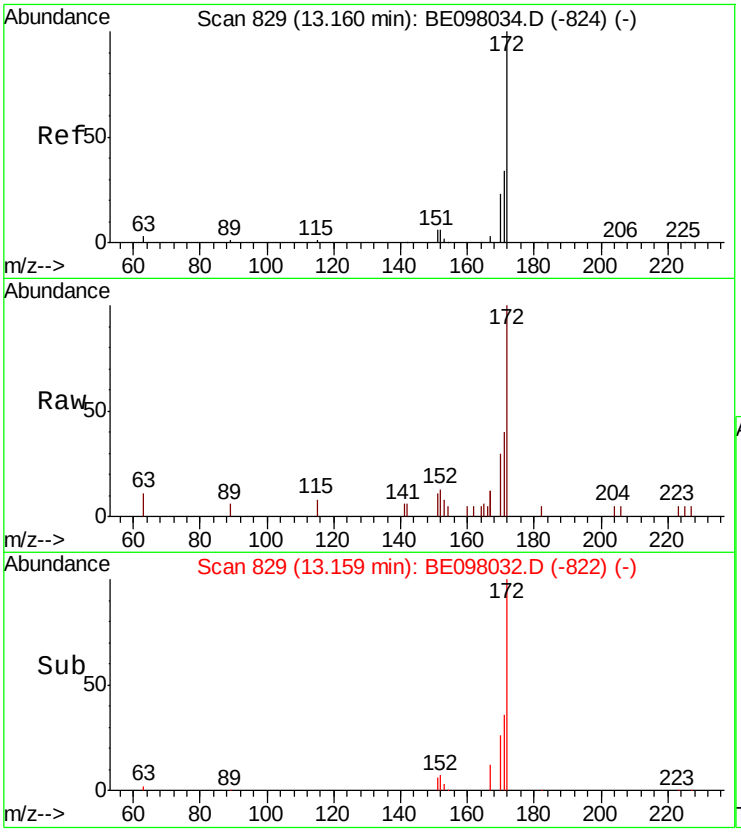


#14
2,4,6-Tribromophenol
Concen: 0.105 ng
RT: 16.04 min Scan# 1043
Delta R.T. 0.01 min
Lab File: BE098032.D
Acq: 24 Oct 2018 10:11

Tgt Ion:330 Resp: 216

Ion	Ratio	Lower	Upper
330	100		
332	94.4	76.5	114.7
141	43.1	31.8	47.6



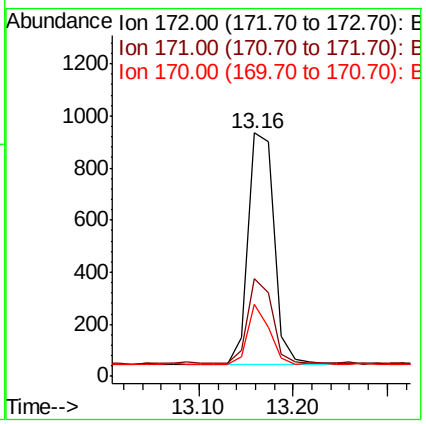


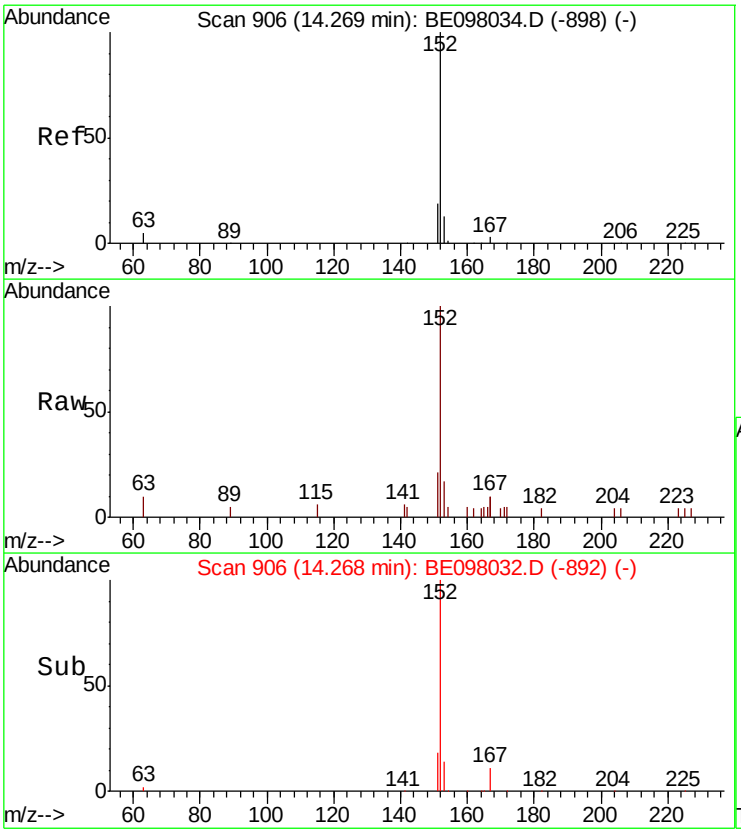
#15
2-Fluorobiphenyl
Concen: 0.110 ng
RT: 13.16 min Scan# 829
Delta R.T. -0.00 min
Lab File: BE098032.D
Acq: 24 Oct 2018 10:11

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Tgt Ion:172 Resp: 1724

Ion	Ratio	Lower	Upper
172	100		
171	39.9	26.0	39.0#
170	29.5	18.0	27.0#

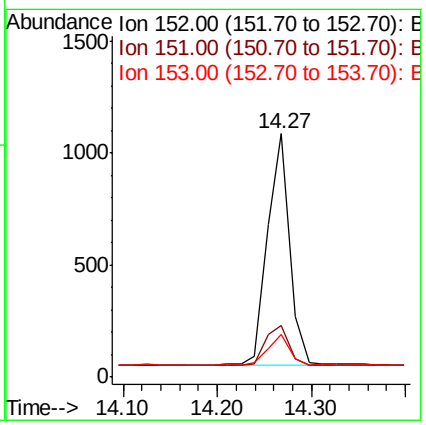


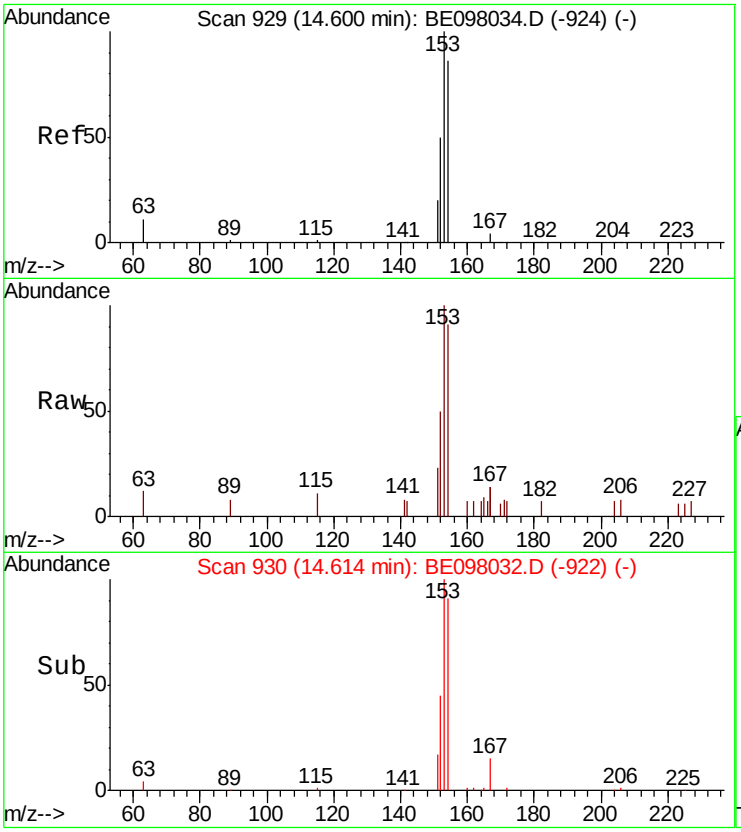


#16
Acenaphthylene
Concen: 0.096 ng
RT: 14.27 min Scan# 906
Delta R.T. -0.00 min
Lab File: BE098032.D
Acq: 24 Oct 2018 10:11

Tgt Ion:152 Resp: 1696

Ion	Ratio	Lower	Upper
152	100		
151	19.2	16.1	24.1
153	14.5	10.9	16.3



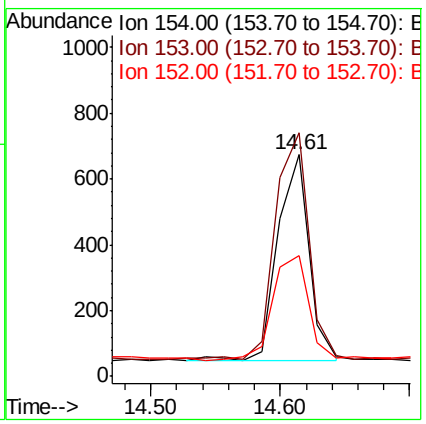


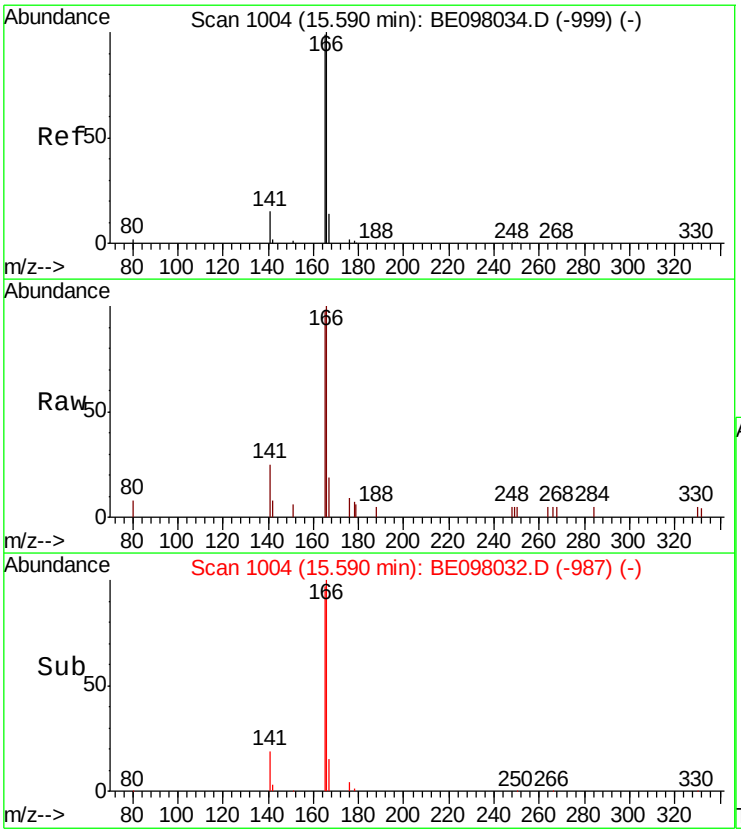
#17
Acenaphthene
Concen: 0.097 ng
RT: 14.61 min Scan# 930
Delta R.T. 0.01 min
Lab File: BE098032.D
Acq: 24 Oct 2018 10:11

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Tgt Ion:154 Resp: 1043

Ion	Ratio	Lower	Upper
154	100		
153	117.9	92.6	139.0
152	58.9	45.5	68.3

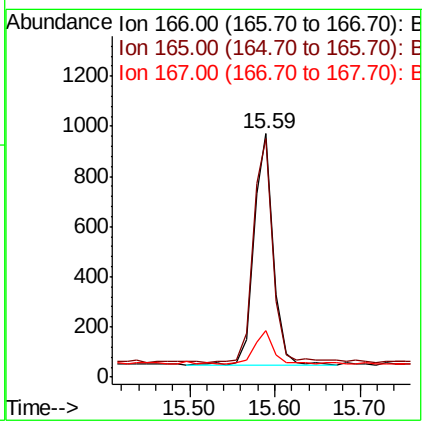


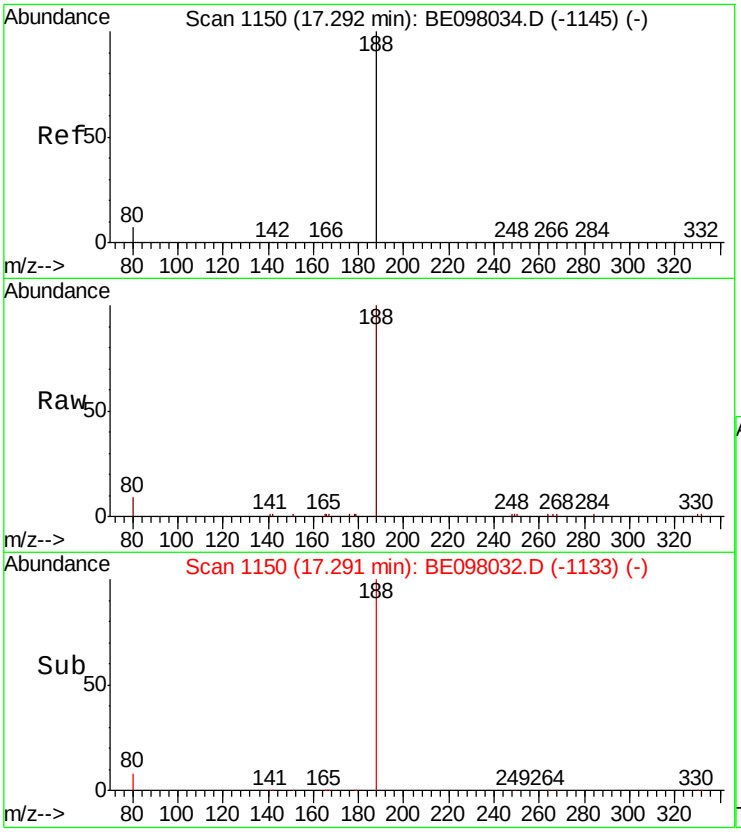


#18
Fluorene
Concen: 0.099 ng
RT: 15.59 min Scan# 1004
Delta R.T. -0.00 min
Lab File: BE098032.D
Acq: 24 Oct 2018 10:11

Tgt Ion:166 Resp: 1467

Ion	Ratio	Lower	Upper
166	100		
165	100.4	78.2	117.4
167	14.9	11.0	16.6



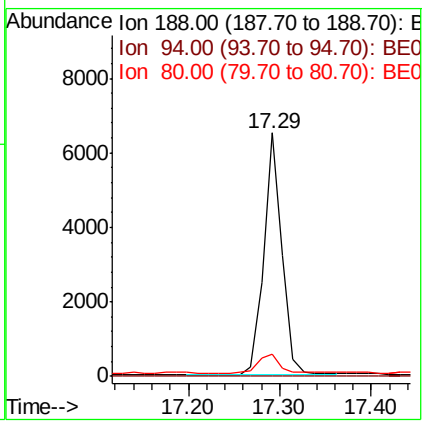


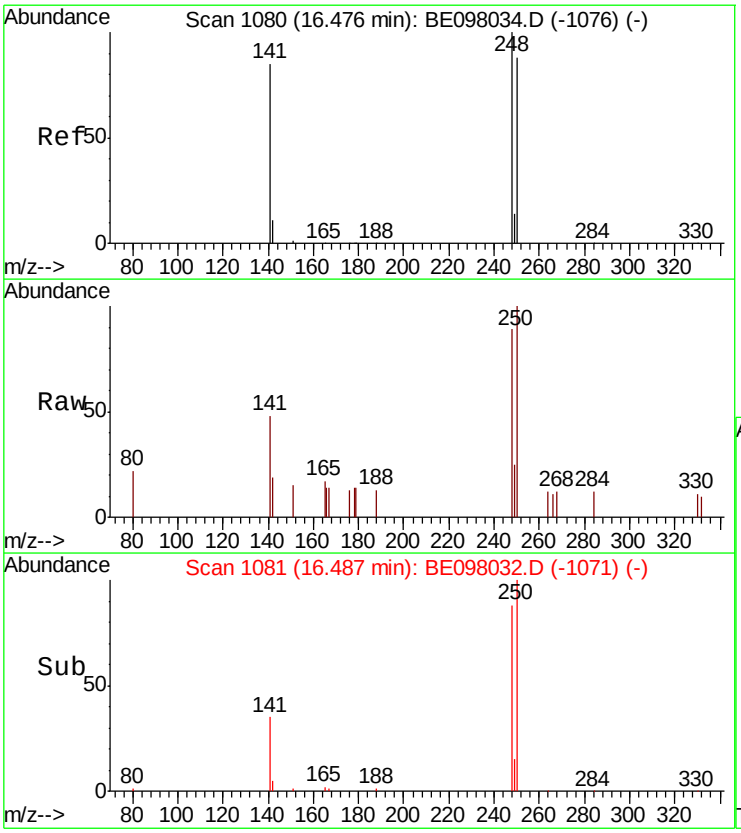
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.29 min Scan# 1150
Delta R.T. -0.00 min
Lab File: BE098032.D
Acq: 24 Oct 2018 10:11

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Tgt Ion:188 Resp: 9066

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	8.9	6.3	9.5

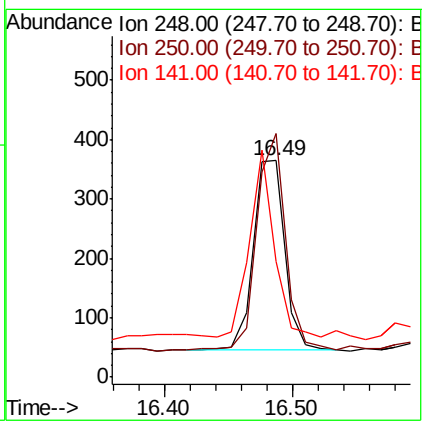


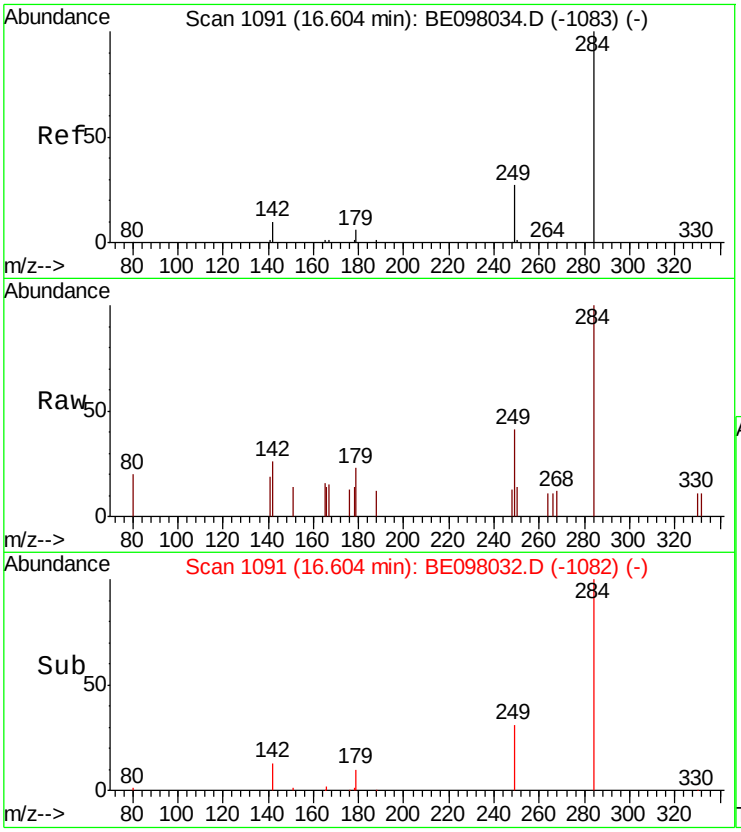


#20
4-Bromophenyl-phenylether
Concen: 0.110 ng
RT: 16.49 min Scan# 1081
Delta R.T. 0.01 min
Lab File: BE098032.D
Acq: 24 Oct 2018 10:11

Tgt Ion:248 Resp: 544

Ion	Ratio	Lower	Upper
248	100		
250	112.3	75.1	112.7
141	53.4	51.8	77.8



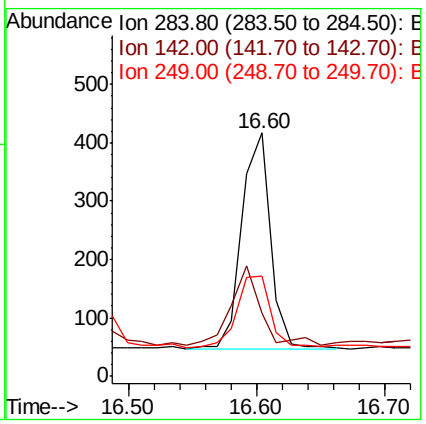


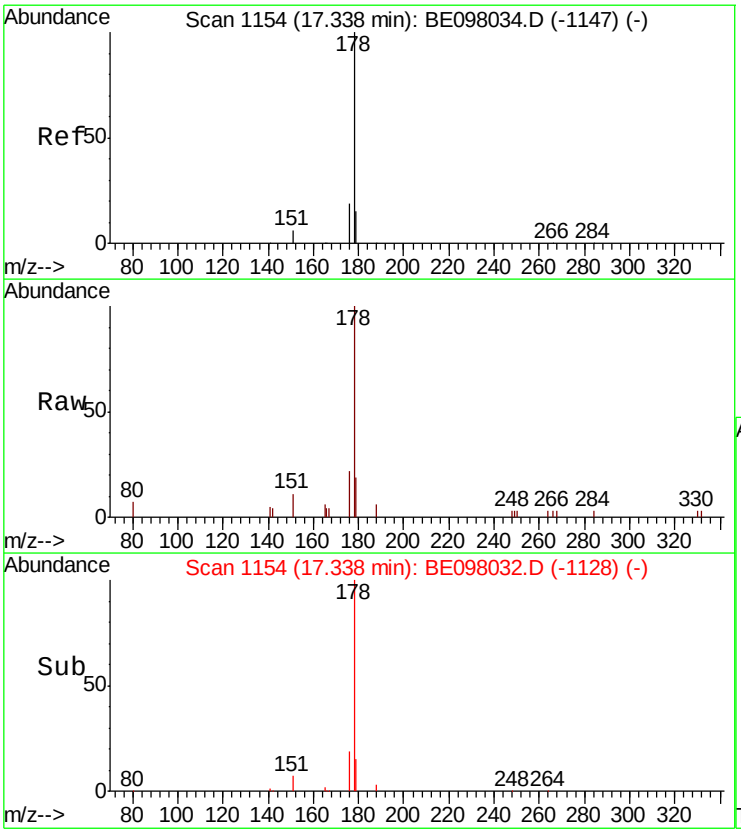
#21
Hexachlorobenzene
Concen: 0.118 ng
RT: 16.60 min Scan# 1091
Delta R.T. -0.00 min
Lab File: BE098032.D
Acq: 24 Oct 2018 10:11

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Tgt Ion:284 Resp: 576

Ion	Ratio	Lower	Upper
284	100		
142	37.3	25.9	38.9
249	38.9	26.6	40.0

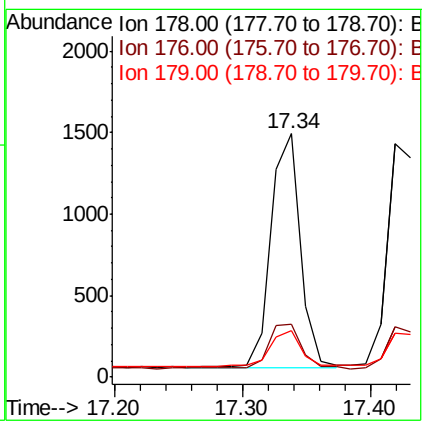


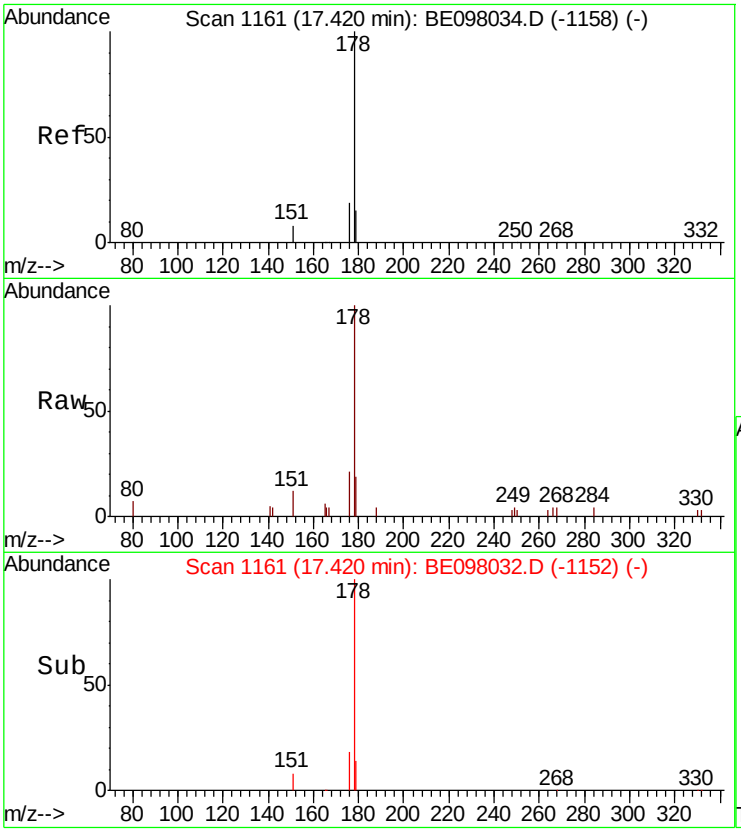


#23
Phenanthrene
Concen: 0.101 ng
RT: 17.34 min Scan# 1154
Delta R.T. -0.00 min
Lab File: BE098032.D
Acq: 24 Oct 2018 10:11

Tgt Ion:178 Resp: 2320

Ion	Ratio	Lower	Upper
178	100		
176	21.0	15.5	23.3
179	17.3	12.2	18.4



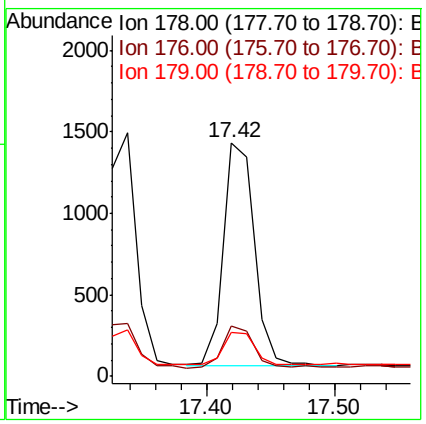


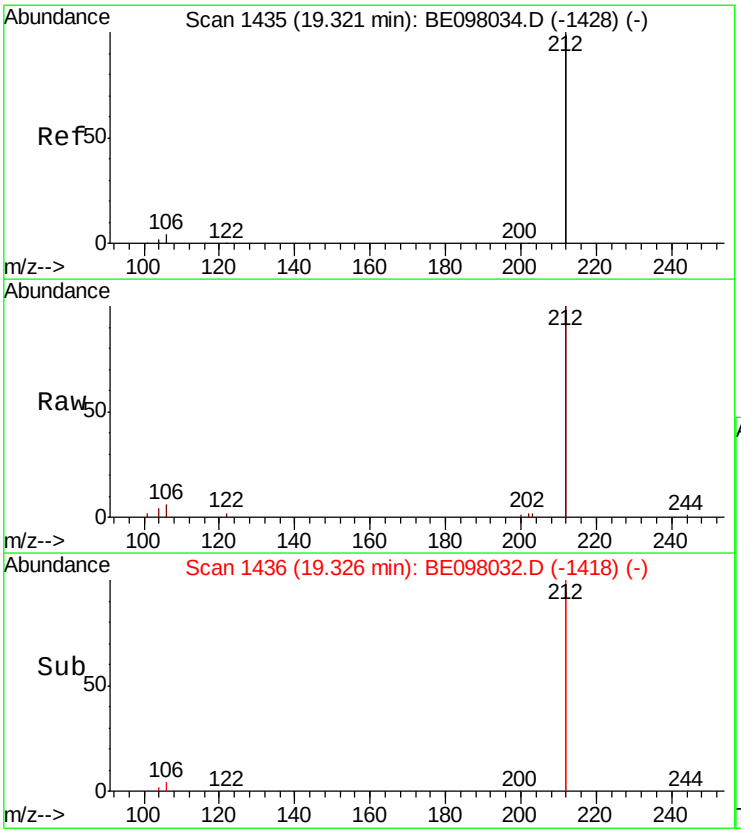
#24
Anthracene
Concen: 0.105 ng
RT: 17.42 min Scan# 1161
Delta R.T. -0.00 min
Lab File: BE098032.D
Acq: 24 Oct 2018 10:11

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Tgt Ion:178 Resp: 2280

Ion	Ratio	Lower	Upper
178	100		
176	19.4	14.9	22.3
179	15.3	11.9	17.9

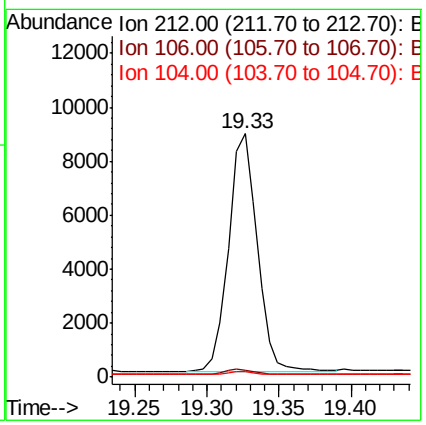


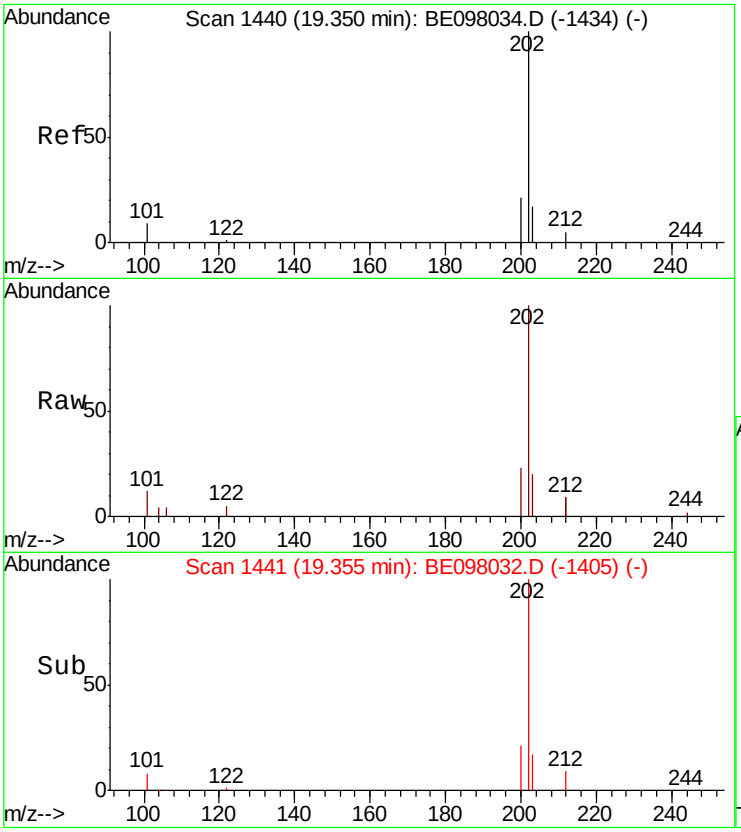


#25
Fluoranthene-d10
Concen: 0.098 ng
RT: 19.33 min Scan# 1436
Delta R.T. 0.01 min
Lab File: BE098032.D
Acq: 24 Oct 2018 10:11

Tgt Ion:212 Resp: 12100

Ion	Ratio	Lower	Upper
212	100		
106	2.4	2.3	3.5
104	1.4	1.3	1.9



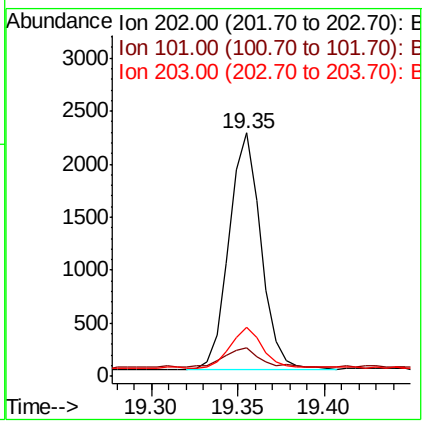


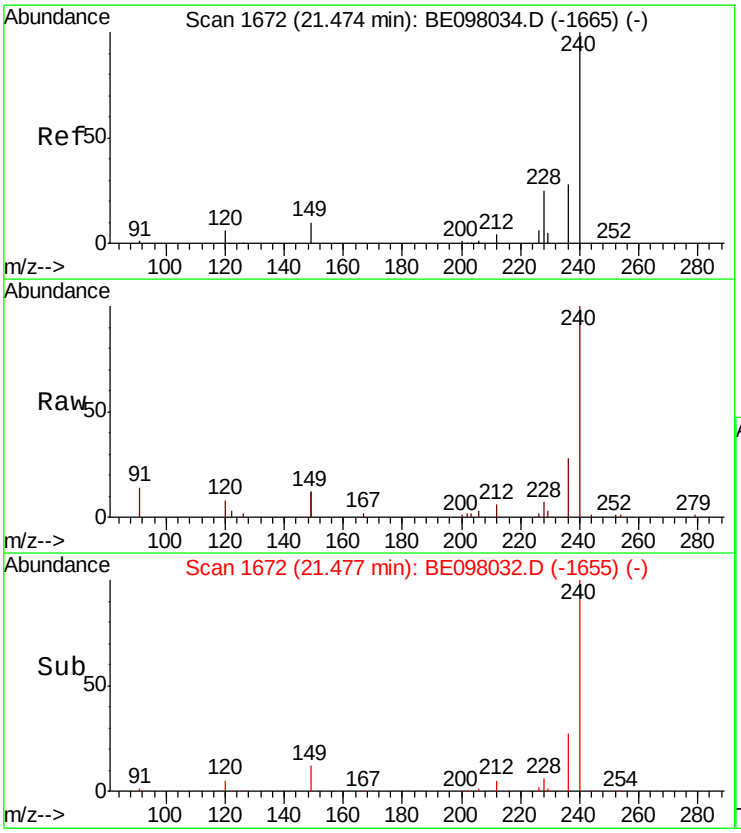
#26
Fluoranthene
Concen: 0.094 ng
RT: 19.35 min Scan# 1441
Delta R.T. 0.01 min
Lab File: BE098032.D
Acq: 24 Oct 2018 10:11

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Tgt Ion:202 Resp: 2850

Ion	Ratio	Lower	Upper
202	100		
101	9.4	8.2	12.2
203	18.3	15.0	22.4

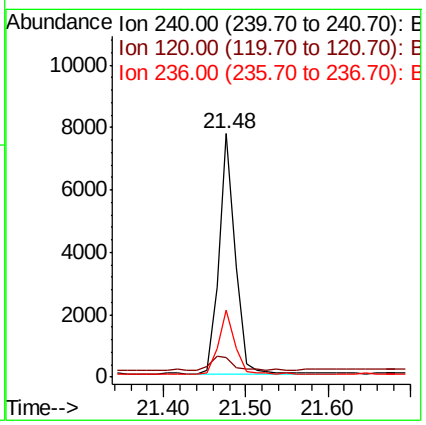


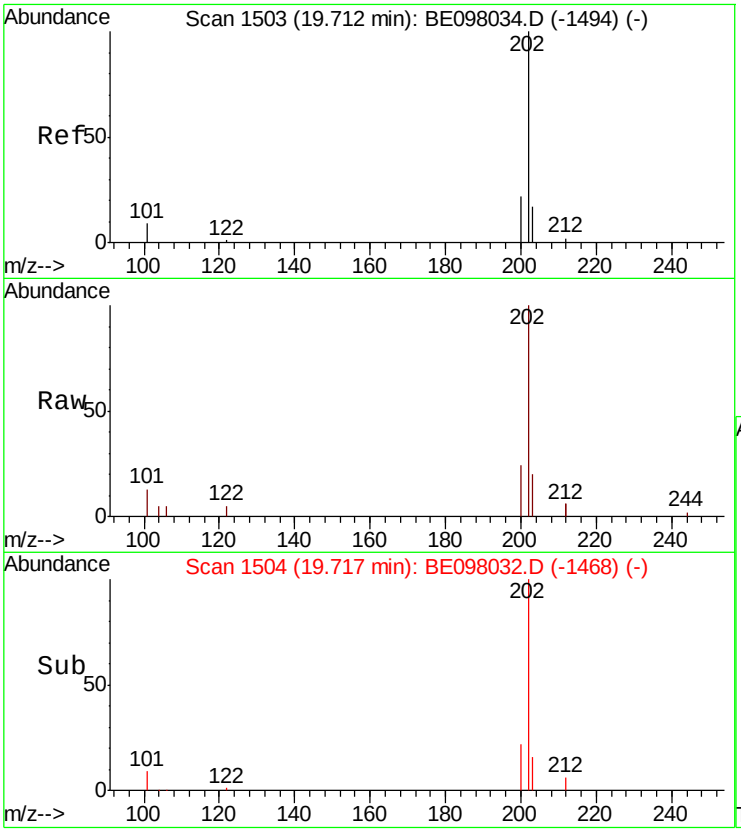


#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.48 min Scan# 1672
Delta R.T. 0.00 min
Lab File: BE098032.D
Acq: 24 Oct 2018 10:11

Tgt Ion:240 Resp: 10579

Ion	Ratio	Lower	Upper
240	100		
120	8.0	7.1	10.7
236	27.7	21.3	31.9



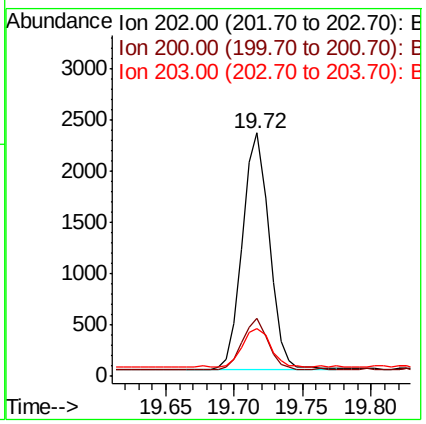


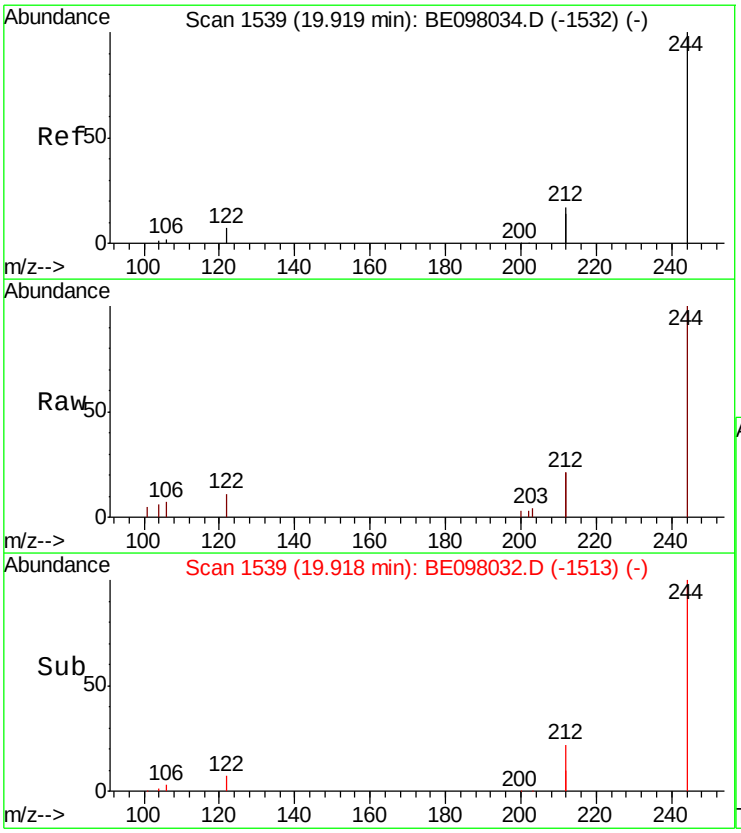
#28
Pyrene
Concen: 0.103 ng
RT: 19.72 min Scan# 1504
Delta R.T. 0.01 min
Lab File: BE098032.D
Acq: 24 Oct 2018 10:11

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Tgt Ion:202 Resp: 3135

Ion	Ratio	Lower	Upper
202	100		
200	21.1	17.0	25.4
203	17.8	14.2	21.4

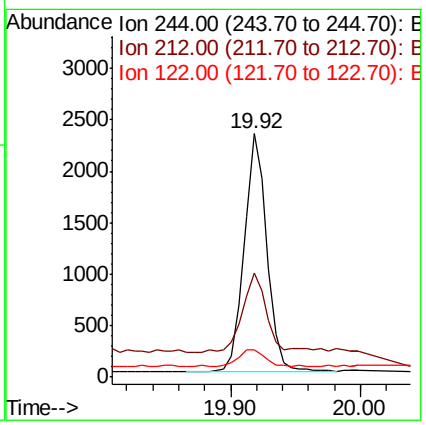


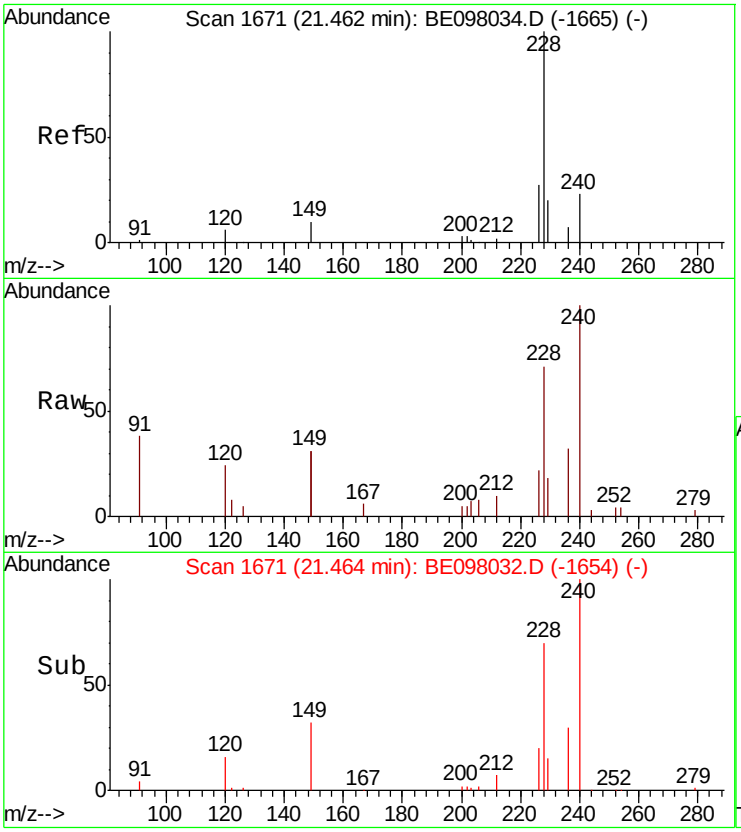


#29
Terphenyl-d14
Concen: 0.116 ng
RT: 19.92 min Scan# 1539
Delta R.T. -0.00 min
Lab File: BE098032.D
Acq: 24 Oct 2018 10:11

Tgt Ion:244 Resp: 2805

Ion	Ratio	Lower	Upper
244	100		
212	42.5	26.2	39.2#
122	11.4	7.7	11.5



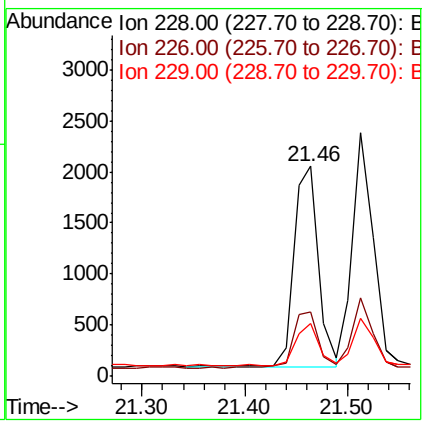


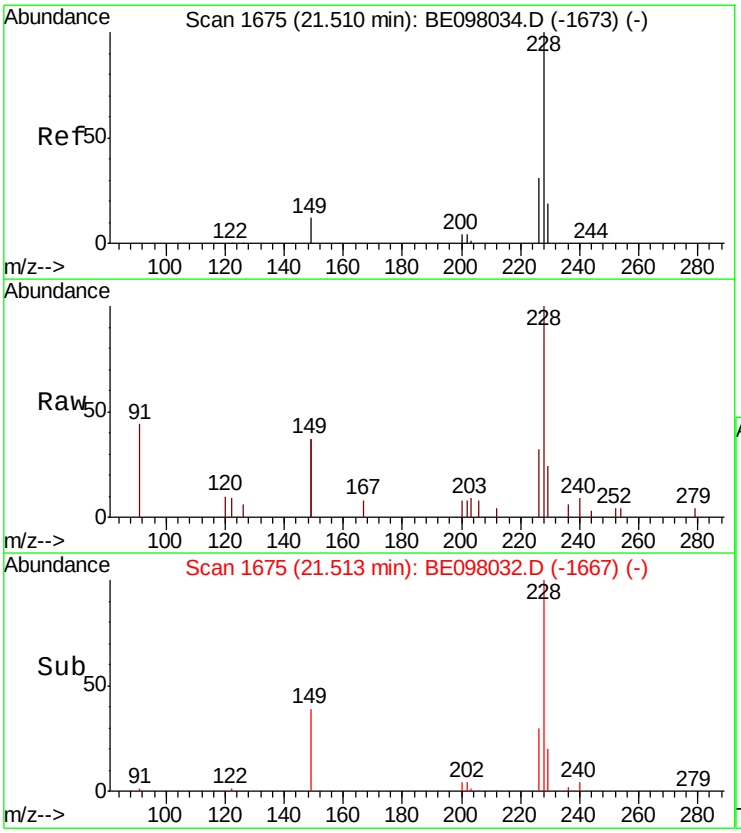
#30
Benzo(a)anthracene
Concen: 0.100 ng
RT: 21.46 min Scan# 1671
Delta R.T. 0.00 min
Lab File: BE098032.D
Acq: 24 Oct 2018 10:11

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Tgt Ion:228 Resp: 3242

Ion	Ratio	Lower	Upper
228	100		
226	30.4	22.6	33.8
229	25.1	16.9	25.3

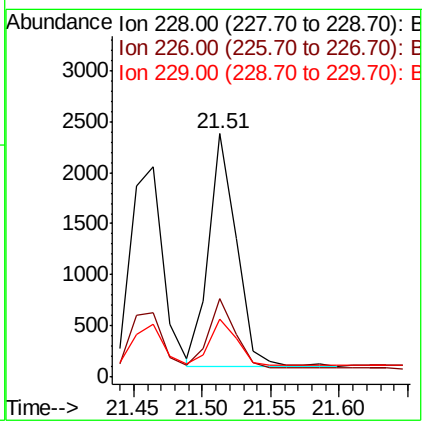


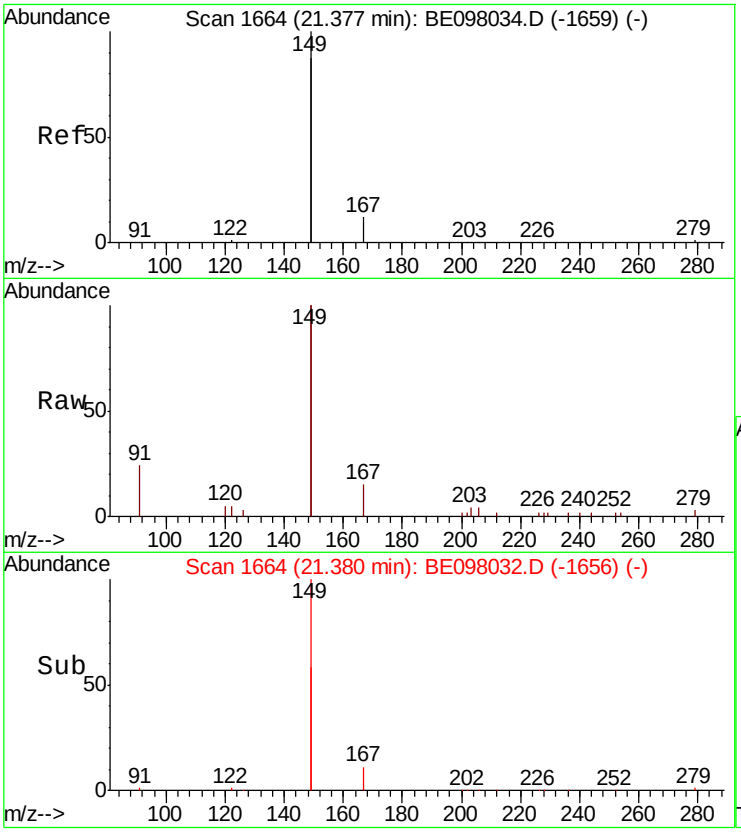


#31
Chrysene
Concen: 0.104 ng
RT: 21.51 min Scan# 1675
Delta R.T. 0.00 min
Lab File: BE098032.D
Acq: 24 Oct 2018 10:11

Tgt Ion:228 Resp: 3204

Ion	Ratio	Lower	Upper
228	100		
226	32.2	24.3	36.5
229	23.6	17.3	25.9



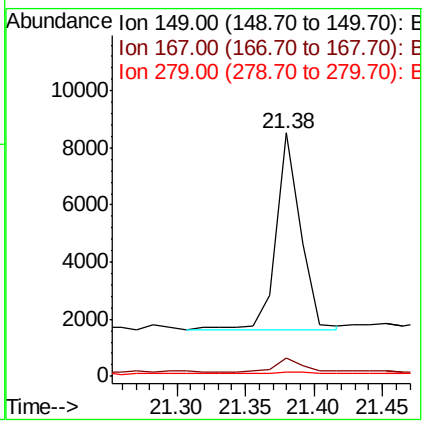


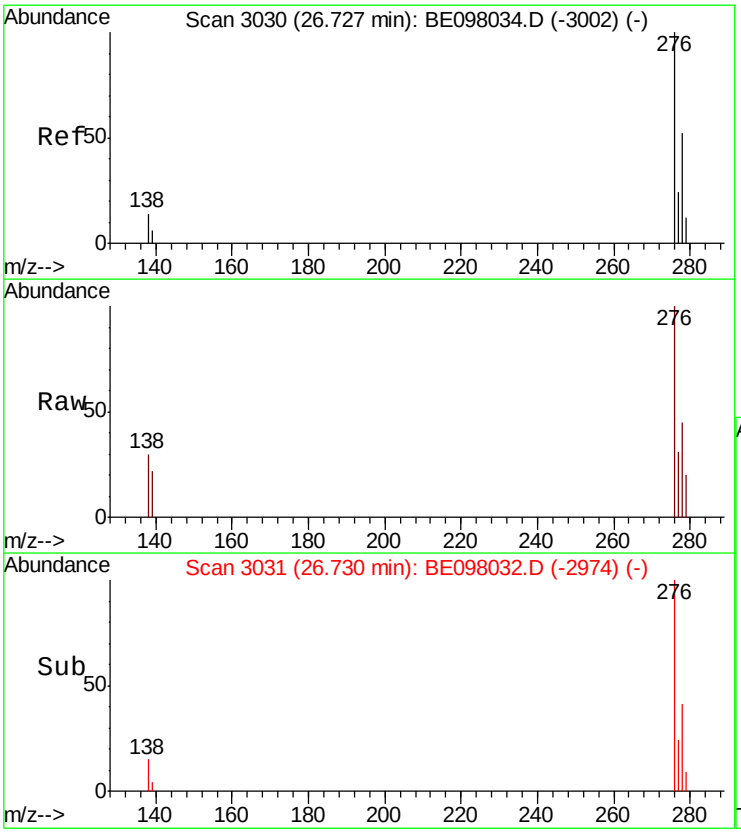
#32
Bis(2-ethylhexyl)phthalate
Concen: 0.112 ng
RT: 21.38 min Scan# 1664
Delta R.T. 0.00 min
Lab File: BE098032.D
Acq: 24 Oct 2018 10:11

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Tgt Ion:149 Resp: 8462

Ion	Ratio	Lower	Upper
149	100		
167	8.0	5.6	8.4
279	1.9	0.9	1.3#

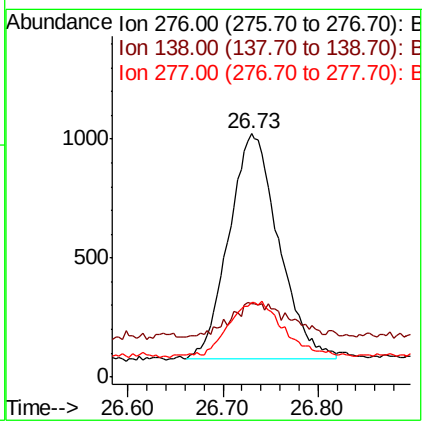


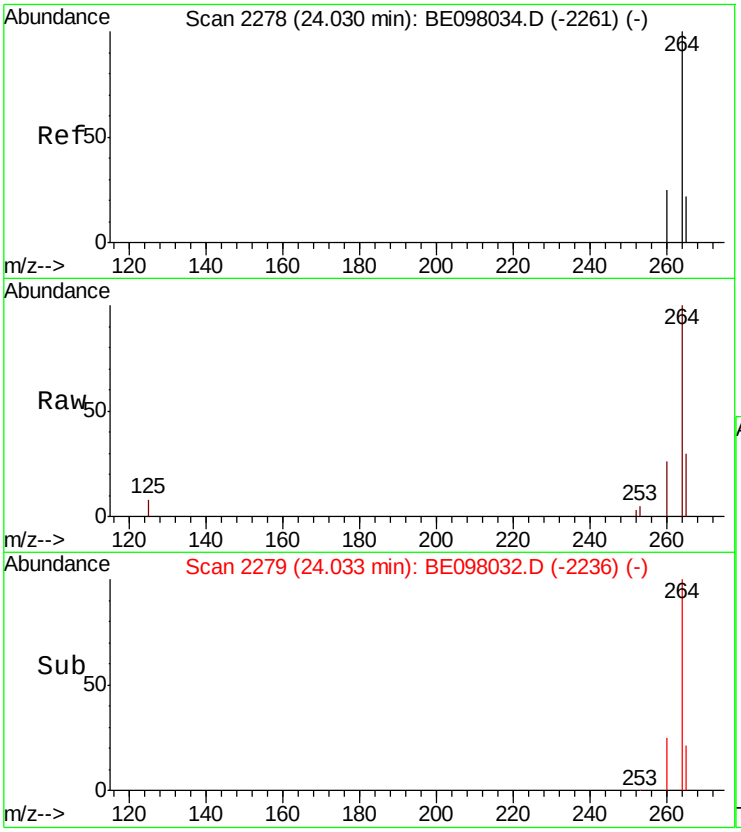


#33
Indeno(1,2,3-cd)pyrene
Concen: 0.104 ng
RT: 26.73 min Scan# 3031
Delta R.T. 0.00 min
Lab File: BE098032.D
Acq: 24 Oct 2018 10:11

Tgt Ion:276 Resp: 3425

Ion	Ratio	Lower	Upper
276	100		
138	10.5	17.0	25.6#
277	24.9	20.5	30.7



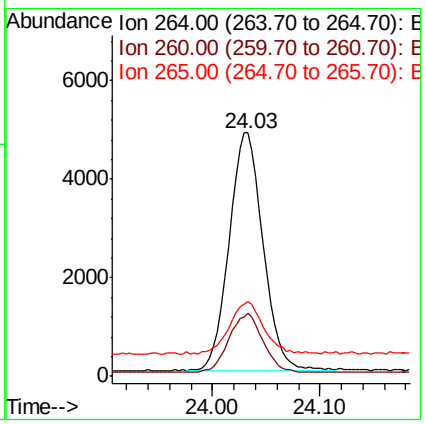


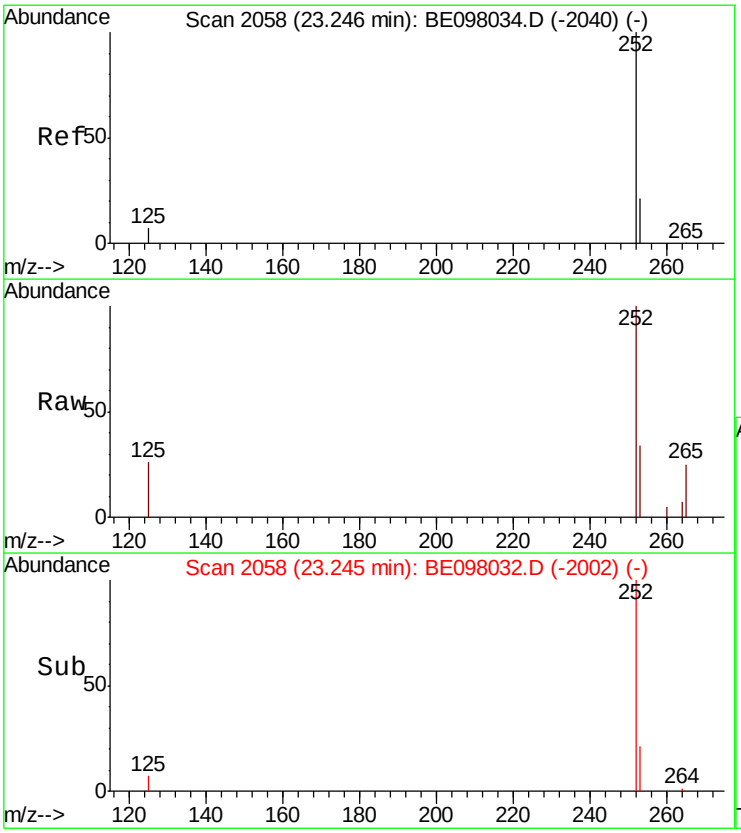
#34
Perylene-d12
Concen: 0.400 ng
RT: 24.03 min Scan# 2279
Delta R.T. 0.00 min
Lab File: BE098032.D
Acq: 24 Oct 2018 10:11

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Tgt Ion:264 Resp: 10556

Ion	Ratio	Lower	Upper
264	100		
260	25.9	21.1	31.7
265	30.4	29.2	43.8

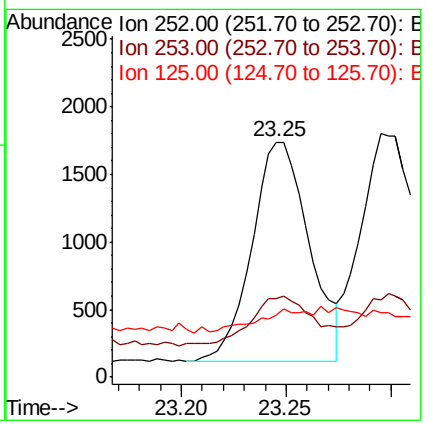


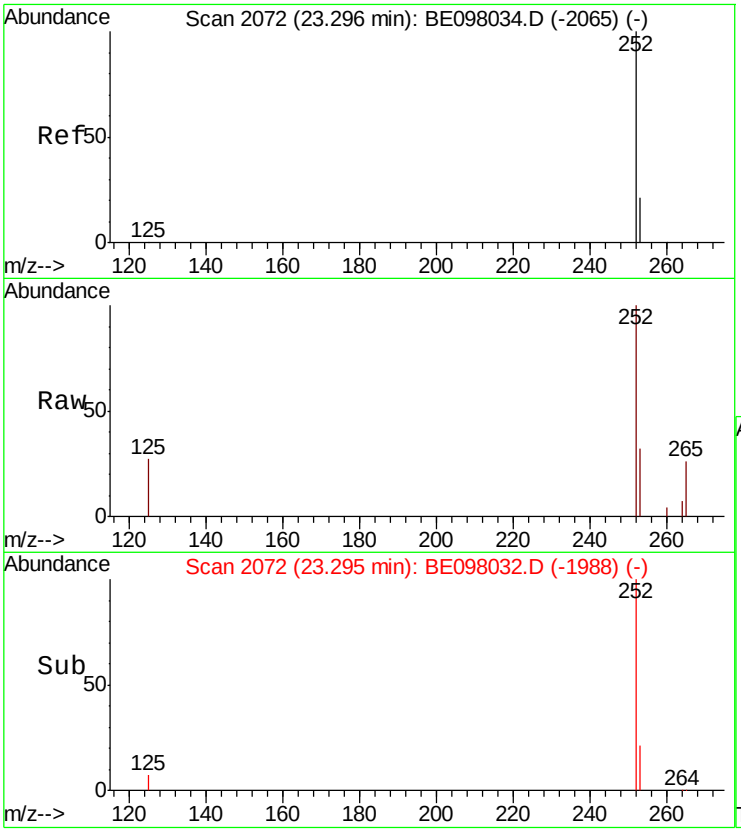


#35
Benzo(b)fluoranthene
Concen: 0.102 ng
RT: 23.25 min Scan# 2058
Delta R.T. -0.00 min
Lab File: BE098032.D
Acq: 24 Oct 2018 10:11

Tgt Ion:252 Resp: 3084

Ion	Ratio	Lower	Upper
252	100		
253	33.6	20.6	31.0#
125	26.2	14.3	21.5#



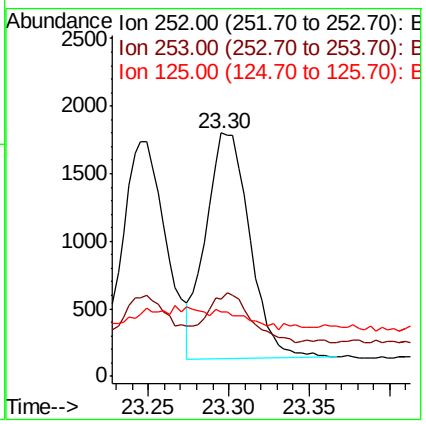


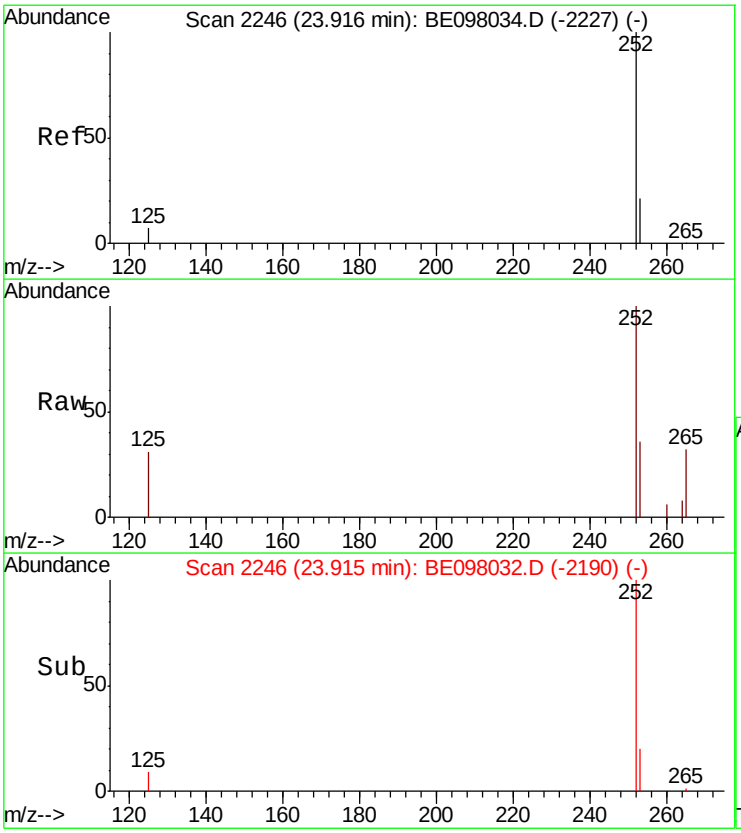
#36
Benzo(k)fluoranthene
Concen: 0.100 ng
RT: 23.30 min Scan# 2072
Delta R.T. -0.00 min
Lab File: BE098032.D
Acq: 24 Oct 2018 10:11

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Tgt Ion:252 Resp: 3153

Ion	Ratio	Lower	Upper
252	100		
253	31.9	20.4	30.6#
125	26.6	14.6	21.8#

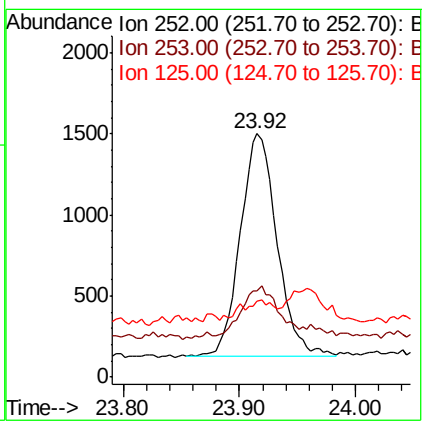


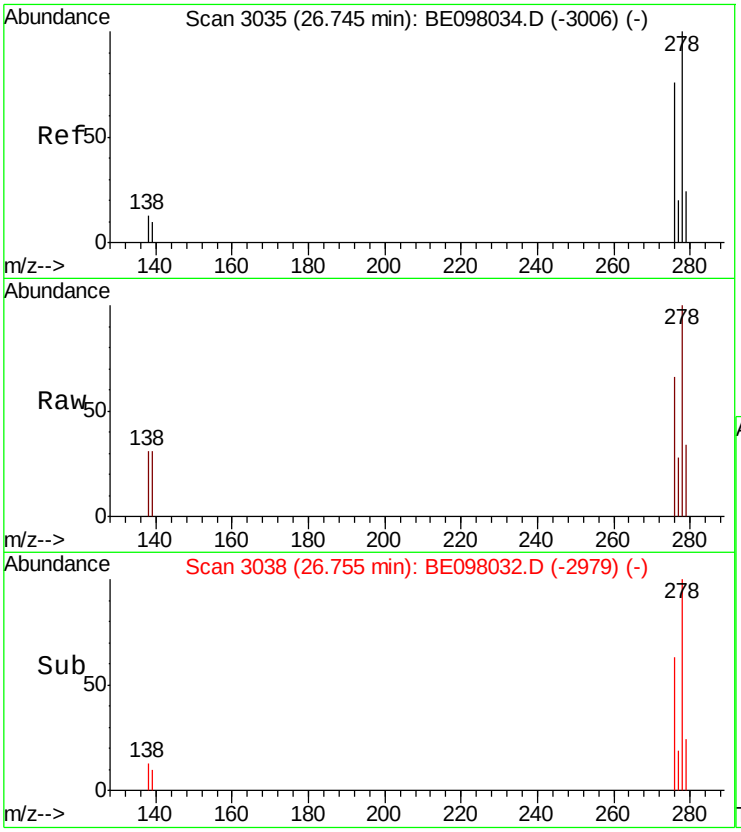


#37
Benzo(a)pyrene
Concen: 0.103 ng
RT: 23.92 min Scan# 2246
Delta R.T. -0.00 min
Lab File: BE098032.D
Acq: 24 Oct 2018 10:11

Tgt Ion:252 Resp: 3040

Ion	Ratio	Lower	Upper
252	100		
253	35.6	20.6	31.0#
125	31.0	15.6	23.4#



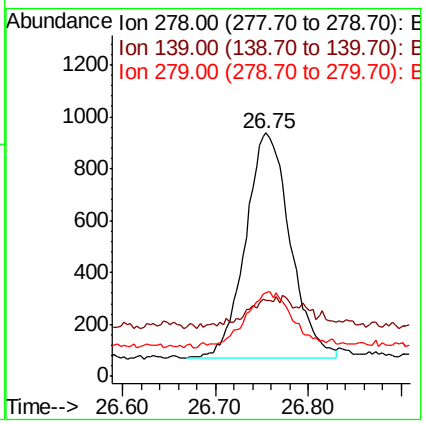


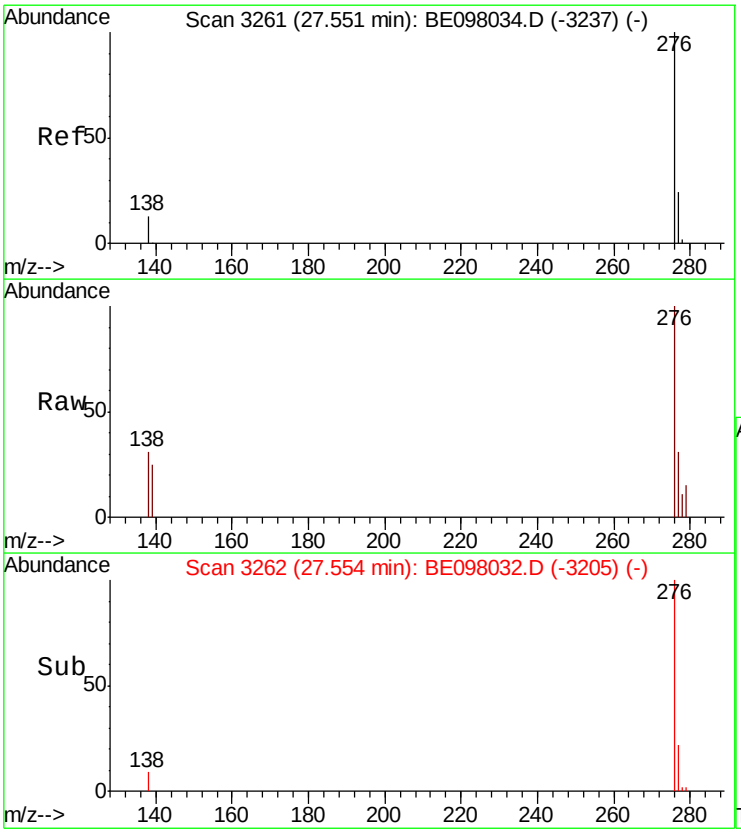
#38
Dibenzo(a,h)anthracene
Concen: 0.099 ng
RT: 26.75 min Scan# 3038
Delta R.T. 0.01 min
Lab File: BE098032.D
Acq: 24 Oct 2018 10:11

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Tgt Ion:278 Resp: 2879

Ion	Ratio	Lower	Upper
278	100		
139	31.2	16.3	24.5#
279	34.1	21.4	32.2#





#39
Benzo(g,h,i)perylene
Concen: 0.097 ng
RT: 27.55 min Scan# 3262
Delta R.T. 0.00 min
Lab File: BE098032.D
Acq: 24 Oct 2018 10:11

Tgt Ion:276 Resp: 2875

Ion	Ratio	Lower	Upper
276	100		
277	31.2	22.1	33.1
138	31.3	19.3	28.9#