Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE030619\
Data File : BE098793.D
Acq On : 6 Mar 2019 11:29
Operator : JU/SJ
Sample : SSTDICC0.2
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : SSTDICC0.2

Quant Time: Mar 06 13:27:00 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE030619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 06 13:20:41 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.79	152	752	0.40	ng		0.00
7) Naphthalene-d8	10.59	136	3169	0.40	ng		0.00
13) Acenaphthene-d10	14.46	164	2044	0.40	ng		0.00
19) Phenanthrene-d10	17.21	188	5522	0.40	ng		0.00
27) Chrysene-d12	21.40	240	7176	0.40	ng		0.00
34) Perylene-d12	23.91	264	7079	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.39	112	431	0.21	ng		0.00
5) Phenol-d6	6.99	99	590	0.21	ng		0.00
8) Nitrobenzene-d5	8.97	82	602	0.24	ng		0.00
11) 2-Methylnaphthalene-d10	12.20	152	1077	0.21	ng		0.00
14) 2,4,6-Tribromophenol	15.97	330	184	0.21	ng		0.00
15) 2-Fluorobiphenyl	13.09	172	1533	0.18	ng		0.00
25) Fluoranthene-d10	19.25	212	16514	0.24	ng		0.00
29) Terphenyl-d14	19.84	244	3358	0.21	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.29	88	285	0.192	ng	#	92
3) n-Nitrosodimethylamine	3.62	42	377	0.347	ng	#	92
6) bis(2-Chloroethyl)ether	7.23	93	457	0.212	ng		90
9) Naphthalene	10.64	128	6992	0.222	ng	#	98
10) Hexachlorobutadiene	10.91	225	465	0.206	ng		99
12) 2-Methylnaphthalene	12.28	142	1084	0.207	ng		93
16) Acenaphthylene	14.18	152	1939	0.219	ng		97
17) Acenaphthene	14.53	154	1179	0.212	ng		99
18) Fluorene	15.51	166	1728	0.239	ng		94
20) 4-Bromophenyl-phenylether	16.41	248	539	0.184	ng	#	81
21) Hexachlorobenzene	16.52	284	674	0.191	ng		98
22) Pentachlorophenol	16.91	266	83	0.080	ng		96
23) Phenanthrene	17.25	178	2944	0.225	ng		96
24) Anthracene	17.35	178	2332	0.208	ng		97
26) Fluoranthene	19.28	202	4087	0.243	ng		99
28) Pyrene	19.64	202	4292	0.217	ng		100
30) Benzo(a)anthracene	21.39	228	4213	0.218	ng		98
31) Chrysene	21.44	228	4596	0.230	ng		96
32) Bis(2-ethylhexyl)phthalate	21.31	149	9247	0.226	ng		100
33) Indeno(1,2,3-cd)pyrene	26.55	276	4858	0.236	ng		98
35) Benzo(b)fluoranthene	23.14	252	4291	0.222	ng	#	92
36) Benzo(k)fluoranthene	23.19	252	4740	0.225	ng	#	92
37) Benzo(a)pyrene	23.80	252	4196	0.221	ng	#	92
38) Dibenzo(a,h)anthracene	26.58	278	3811	0.227	ng	#	93
39) Benzo(g,h,i)perylene	27.36	276	4111	0.223	ng	#	93

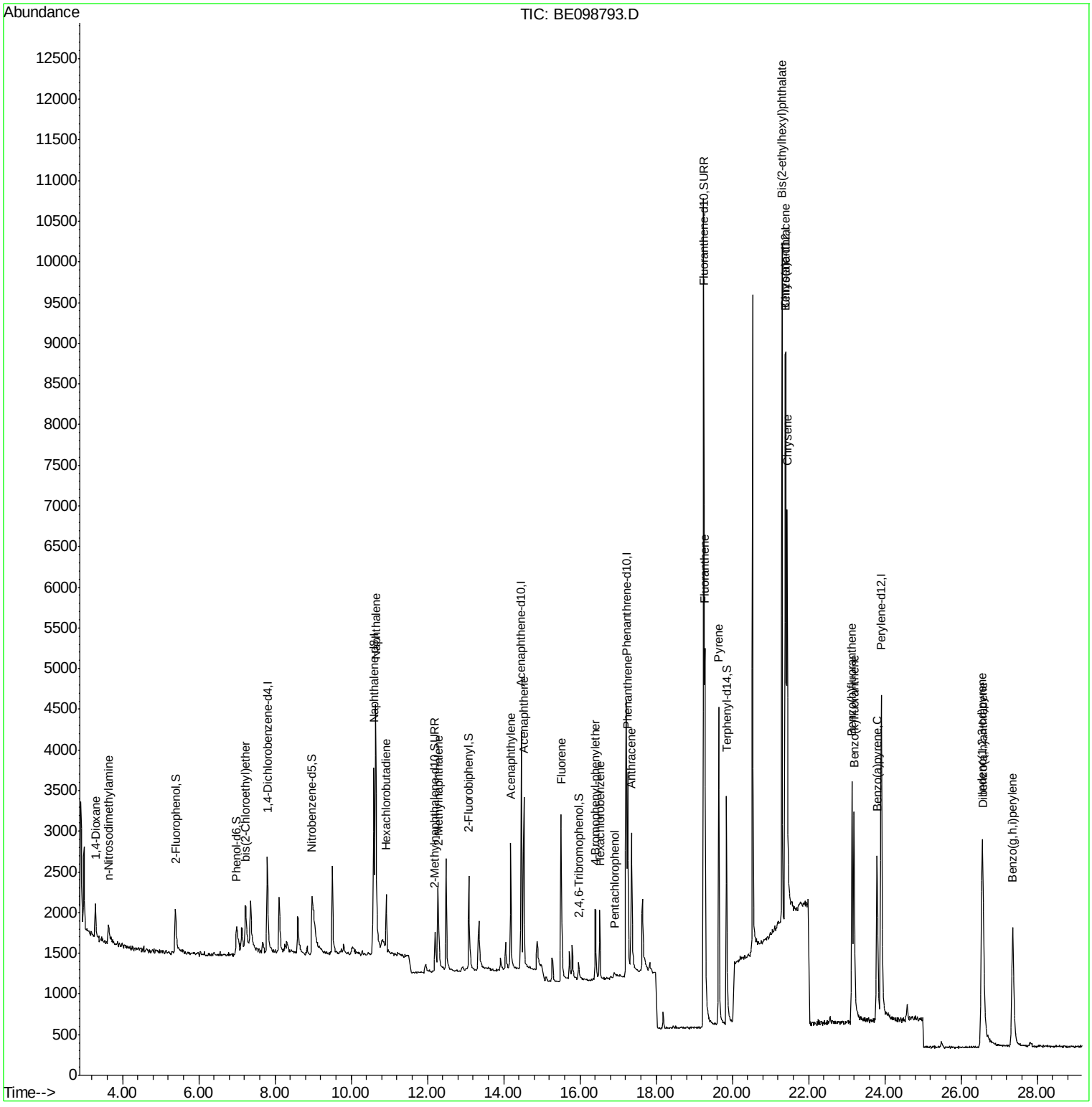
(#) = qualifier out of range (m) = manual integration (+) = signals summed

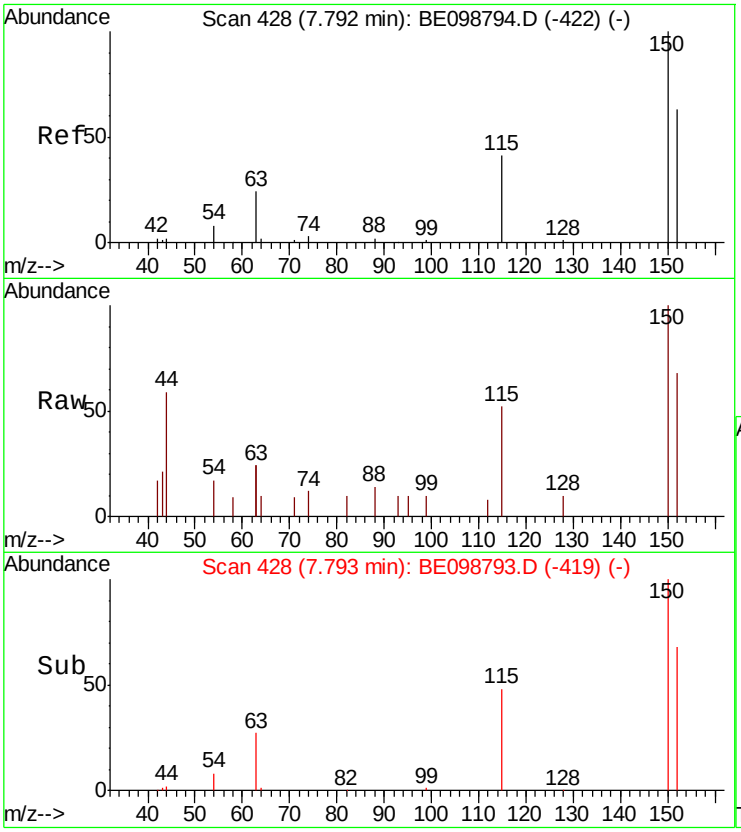
Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE030619\
Data File : BE098793.D
Acq On : 6 Mar 2019 11:29
Operator : JU/SJ
Sample : SSTDICC0.2
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Quant Time: Mar 06 13:27:00 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE030619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 06 13:20:41 2019
Response via : Initial Calibration



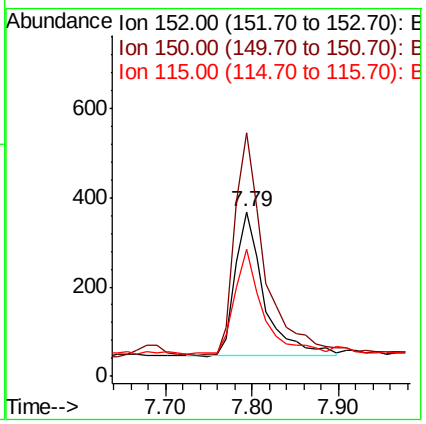


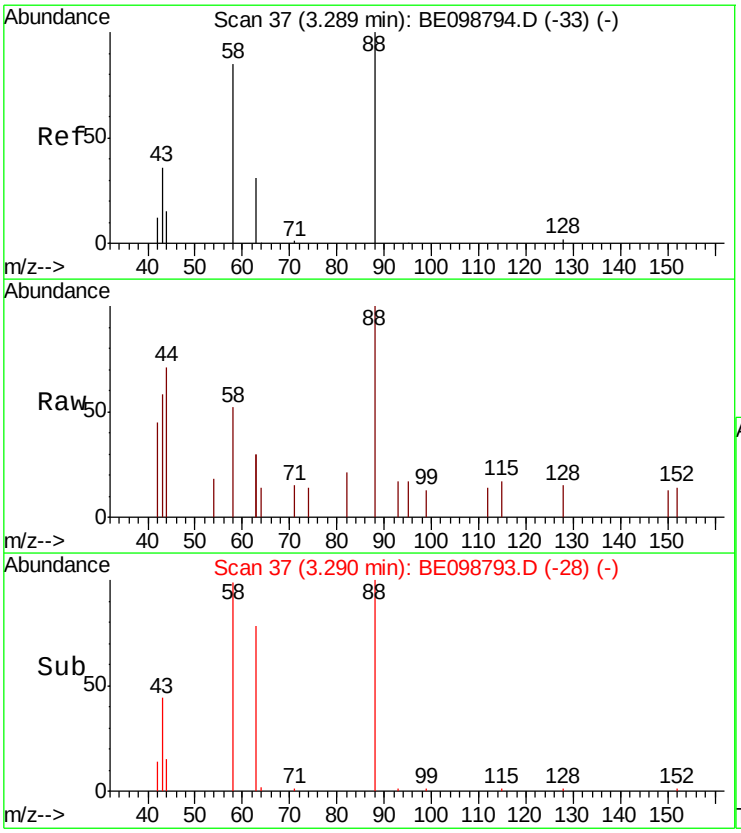
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.79 min Scan# 428
Delta R.T. 0.00 min
Lab File: BE098793.D
Acq: 6 Mar 2019 11:29

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:152 Resp: 752

Ion	Ratio	Lower	Upper
152	100		
150	147.8	122.5	183.7
115	76.9	57.4	86.2

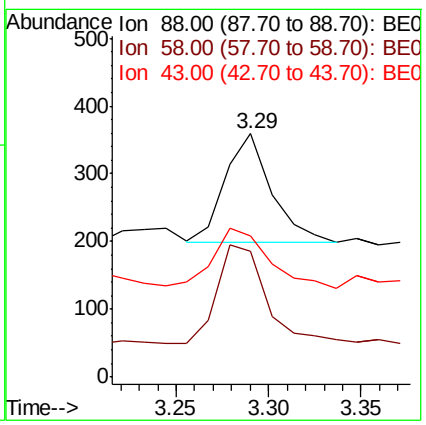


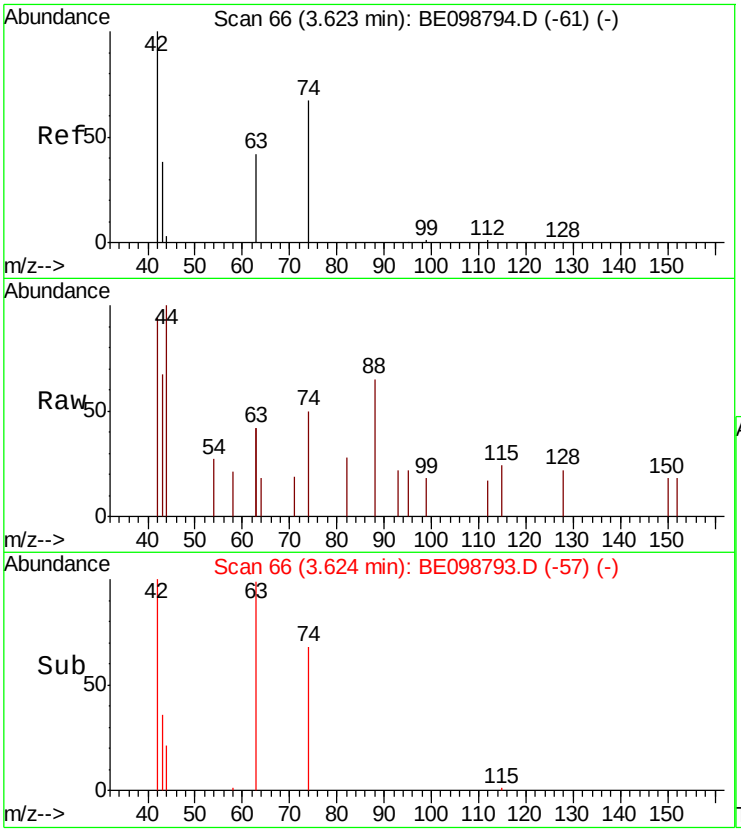


#2
1,4-Dioxane
Concen: 0.192 ng
RT: 3.29 min Scan# 37
Delta R.T. 0.00 min
Lab File: BE098793.D
Acq: 6 Mar 2019 11:29

Tgt Ion: 88 Resp: 285

Ion	Ratio	Lower	Upper
88	100		
58	93.0	75.8	113.6
43	64.9	41.8	62.8#



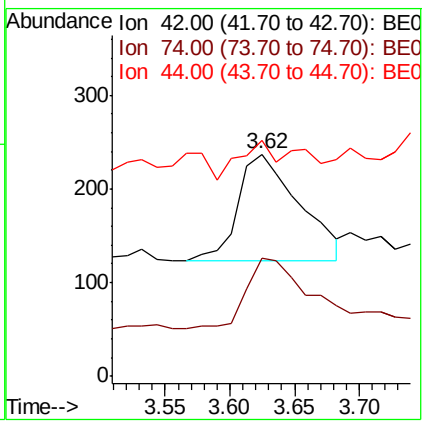


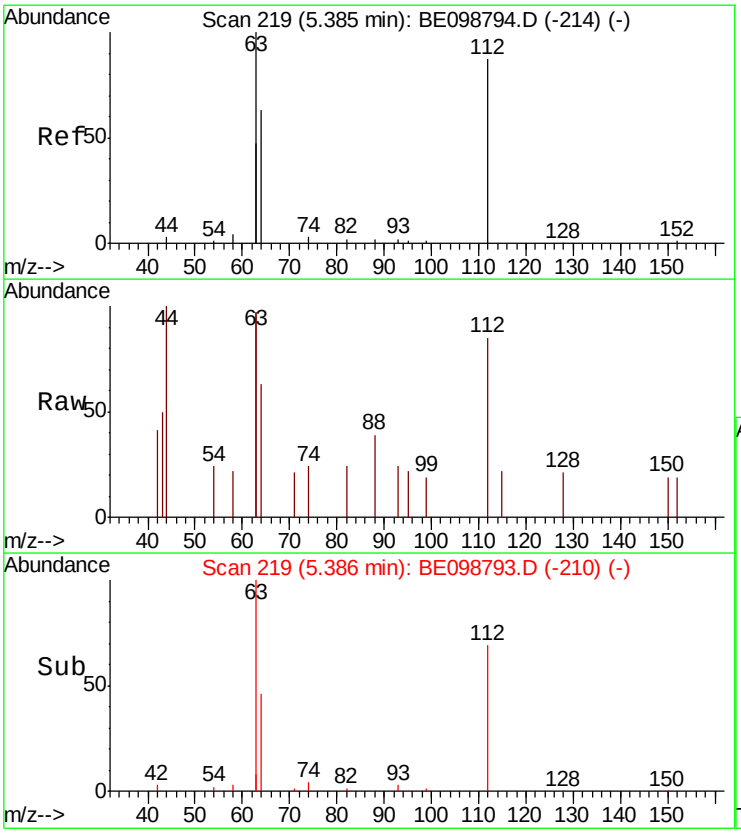
#3
n-Nitrosodimethylamine
Concen: 0.347 ng
RT: 3.62 min Scan# 66
Delta R.T. 0.00 min
Lab File: BE098793.D
Acq: 6 Mar 2019 11:29

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion: 42 Resp: 377

Ion	Ratio	Lower	Upper
42	100		
74	64.5	57.0	85.4
44	19.9	0.0	0.0#

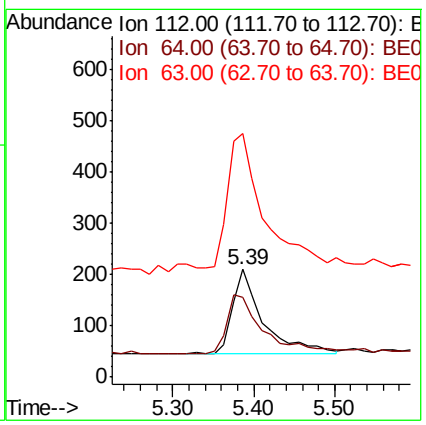


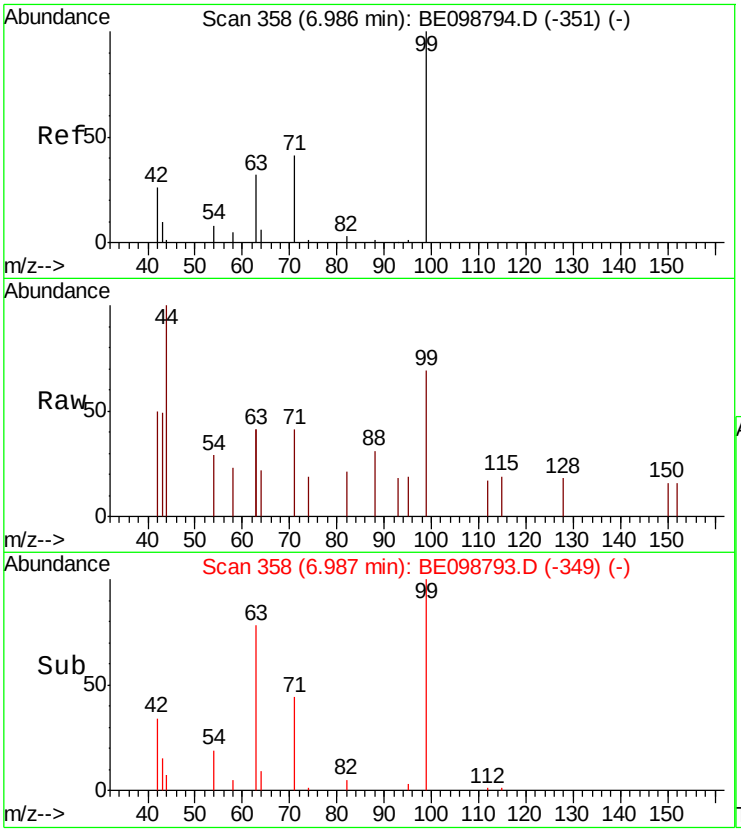


#4
2-Fluorophenol
Concen: 0.215 ng
RT: 5.39 min Scan# 219
Delta R.T. 0.00 min
Lab File: BE098793.D
Acq: 6 Mar 2019 11:29

Tgt Ion:112 Resp: 431

Ion	Ratio	Lower	Upper
112	100		
64	91.2	57.9	86.9#
63	190.7	158.3	237.5



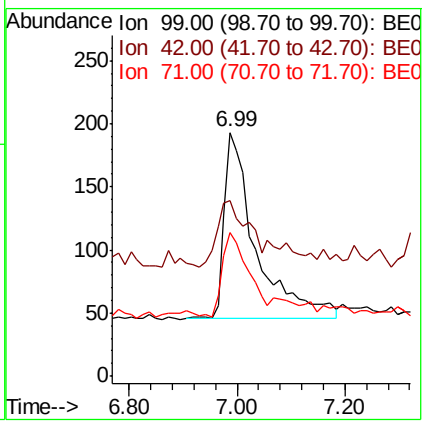


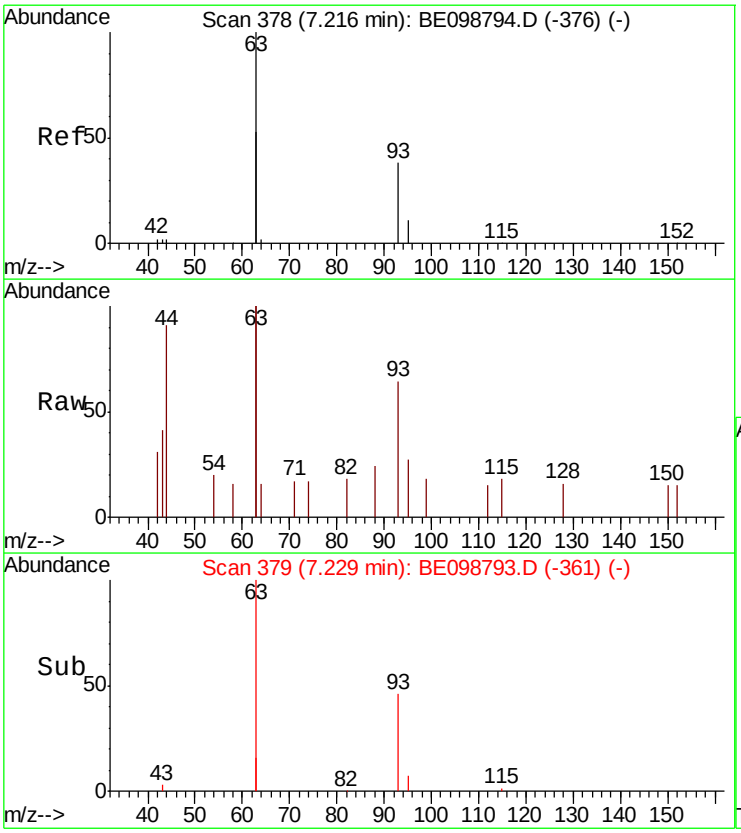
#5
Phenol-d6
Concen: 0.207 ng
RT: 6.99 min Scan# 358
Delta R.T. 0.00 min
Lab File: BE098793.D
Acq: 6 Mar 2019 11:29

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion: 99 Resp: 590

Ion	Ratio	Lower	Upper
99	100		
42	50.5	24.2	36.2#
71	36.6	35.7	53.5

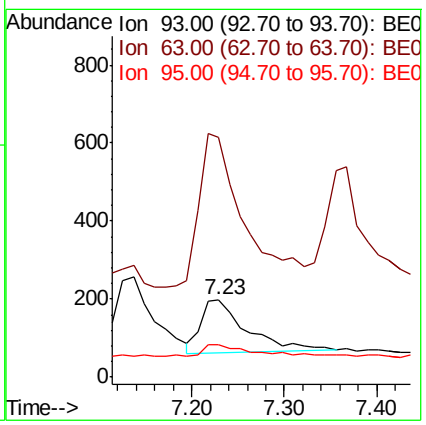


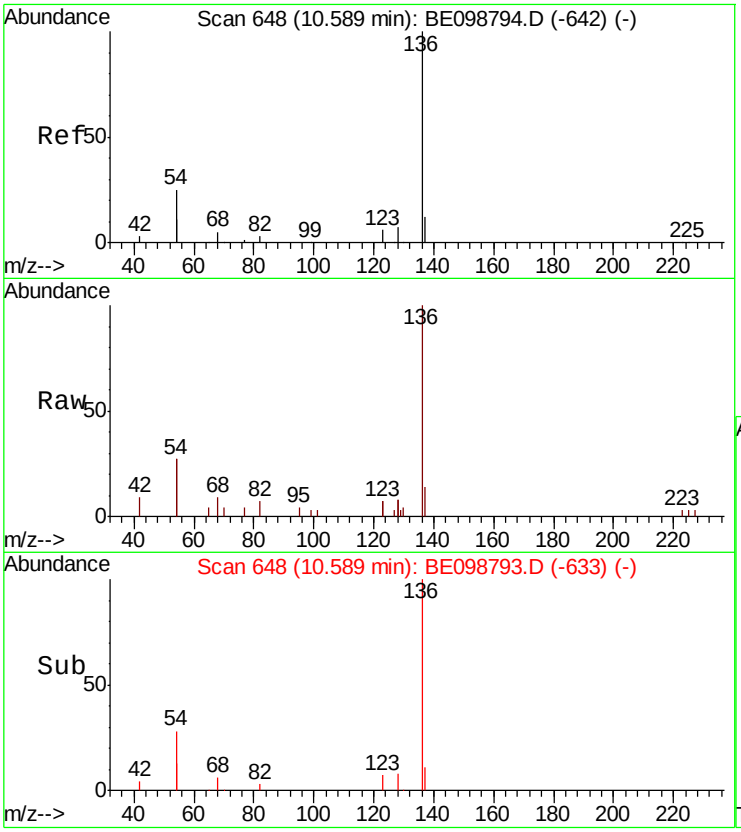


#6
bis(2-Chloroethyl)ether
Concen: 0.212 ng
RT: 7.23 min Scan# 379
Delta R.T. 0.01 min
Lab File: BE098793.D
Acq: 6 Mar 2019 11:29

Tgt Ion: 93 Resp: 457

Ion	Ratio	Lower	Upper
93	100		
63	290.4	247.5	371.3
95	22.1	21.8	32.8



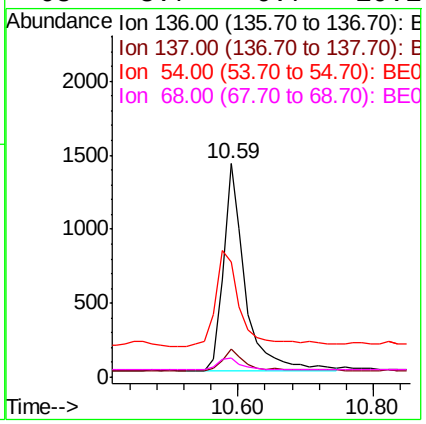


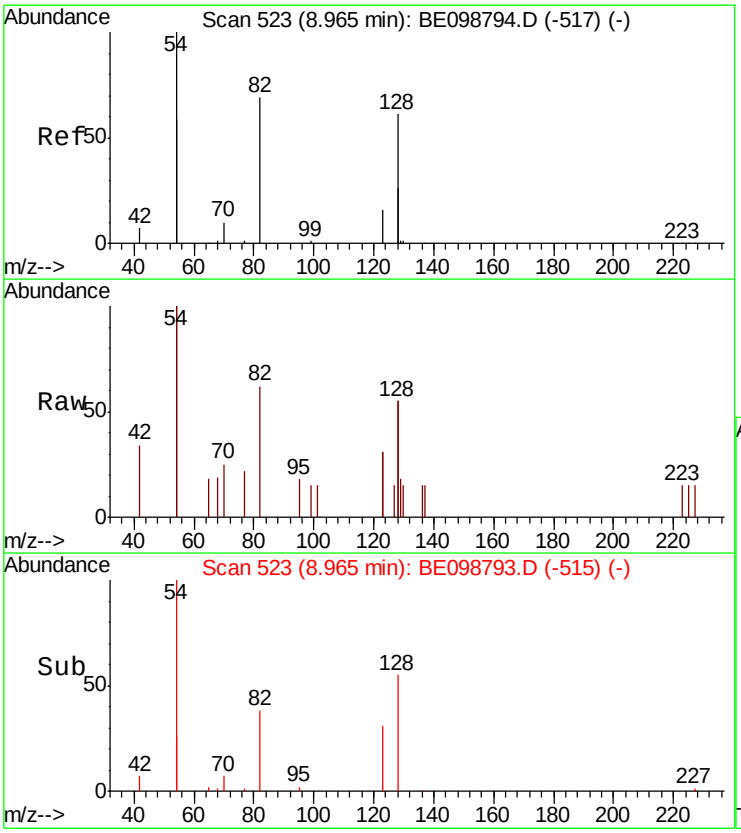
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.59 min Scan# 648
Delta R.T. 0.00 min
Lab File: BE098793.D
Acq: 6 Mar 2019 11:29

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:136 Resp: 3169

Ion	Ratio	Lower	Upper
136	100		
137	13.5	11.4	17.0
54	54.2	39.3	58.9
68	8.7	6.7	10.1

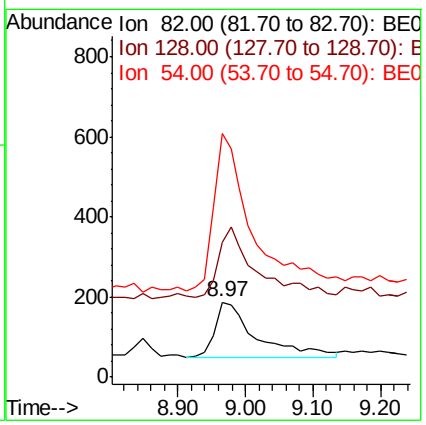


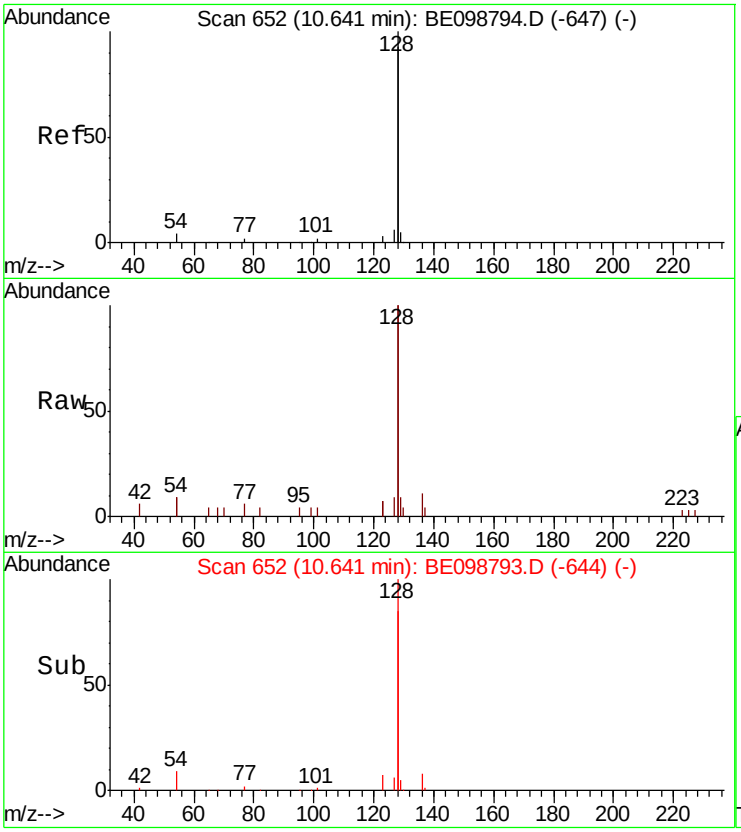


#8
Nitrobenzene-d5
Concen: 0.240 ng
RT: 8.97 min Scan# 523
Delta R.T. 0.00 min
Lab File: BE098793.D
Acq: 6 Mar 2019 11:29

Tgt Ion: 82 Resp: 602

Ion	Ratio	Lower	Upper
82	100		
128	178.7	123.8	185.8
54	323.4	203.4	305.2#



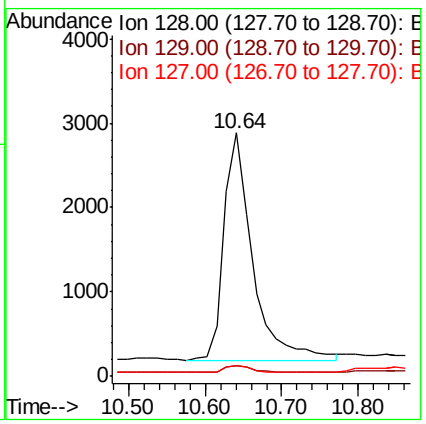


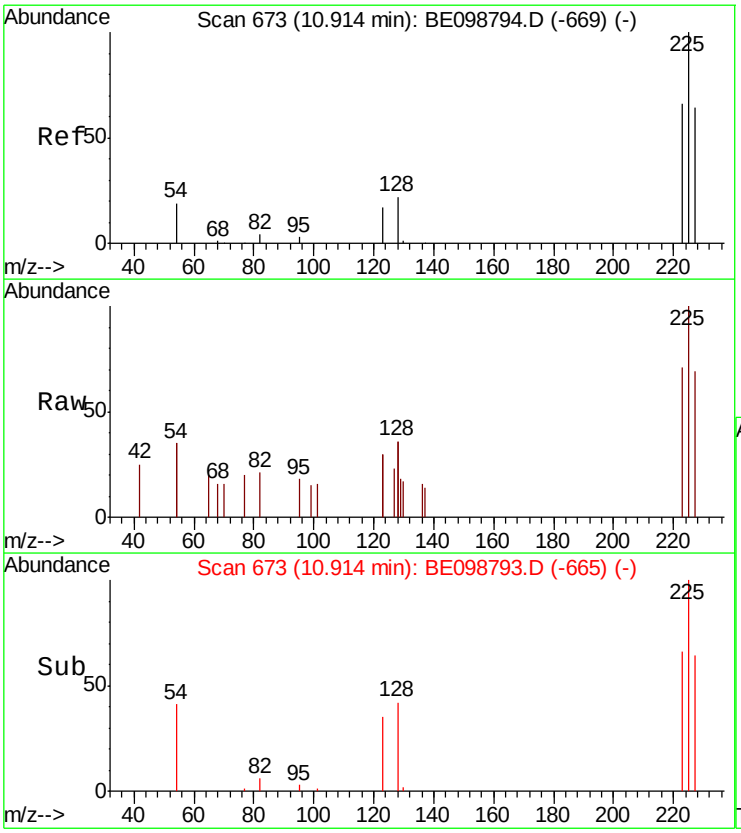
#9
Naphthalene
Concen: 0.222 ng
RT: 10.64 min Scan# 652
Delta R.T. 0.00 min
Lab File: BE098793.D
Acq: 6 Mar 2019 11:29

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:128 Resp: 6992

Ion	Ratio	Lower	Upper
128	100		
129	4.4	2.6	4.0#
127	4.5	3.1	4.7

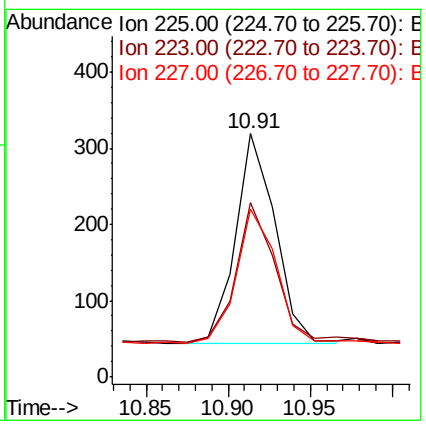


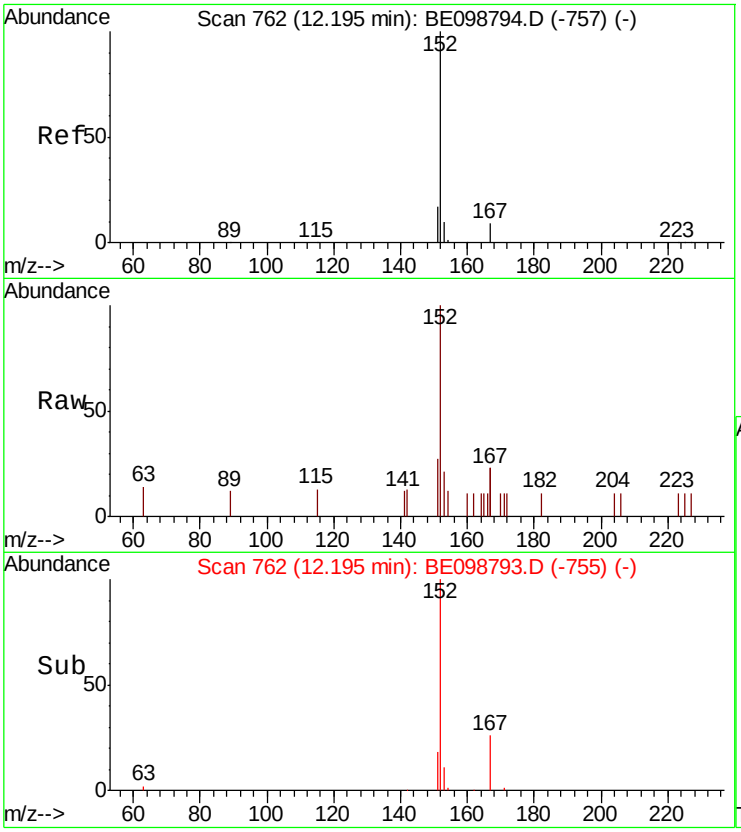


#10
Hexachlorobutadiene
Concen: 0.206 ng
RT: 10.91 min Scan# 673
Delta R.T. 0.00 min
Lab File: BE098793.D
Acq: 6 Mar 2019 11:29

Tgt Ion:225 Resp: 465

Ion	Ratio	Lower	Upper
225	100		
223	64.3	51.1	76.7
227	65.2	51.6	77.4



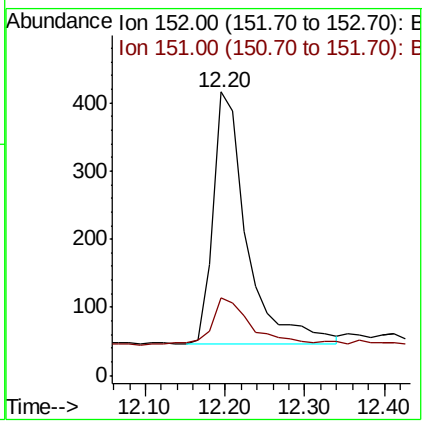


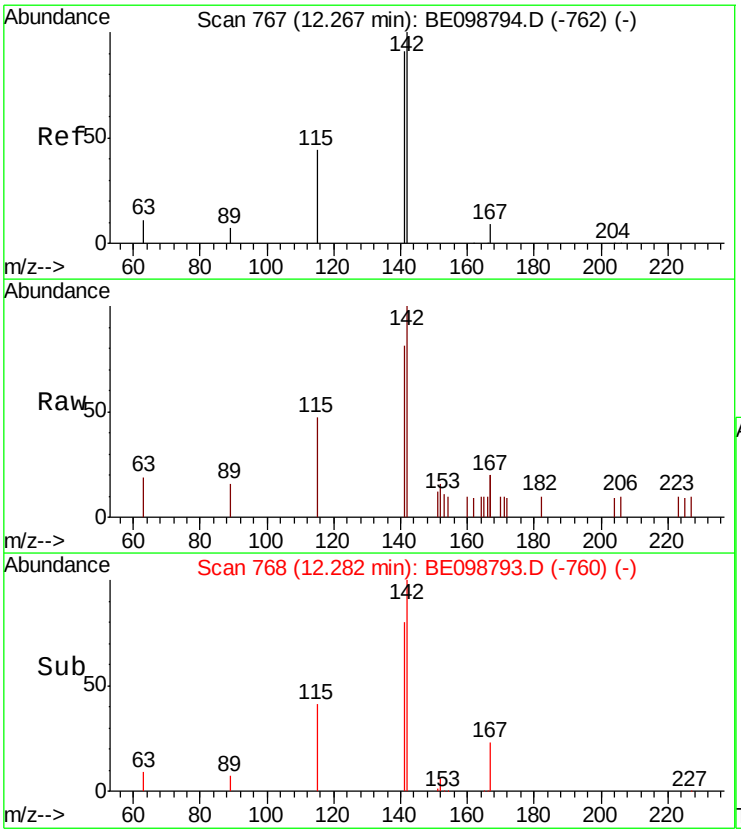
#11
2-Methylnaphthalene-d10
Concen: 0.207 ng
RT: 12.20 min Scan# 762
Delta R.T. 0.00 min
Lab File: BE098793.D
Acq: 6 Mar 2019 11:29

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:152 Resp: 1077

Ion	Ratio	Lower	Upper
152	100		
151	21.0	16.5	24.7

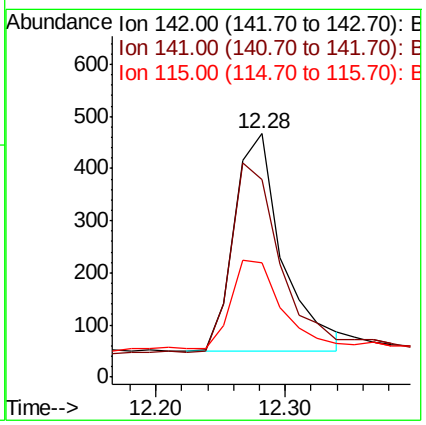


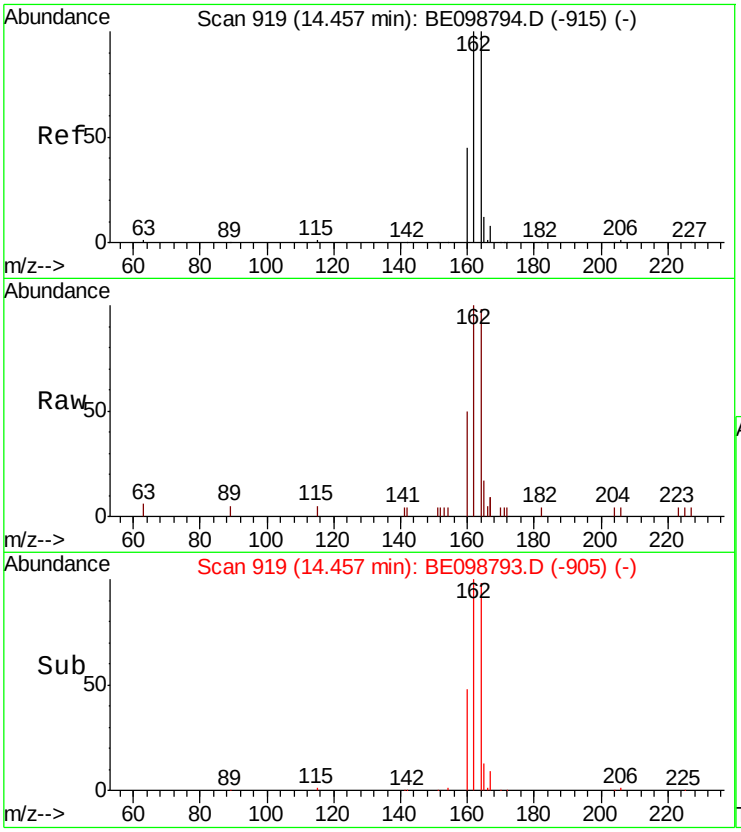


#12
2-Methylnaphthalene
Concen: 0.207 ng
RT: 12.28 min Scan# 768
Delta R.T. 0.01 min
Lab File: BE098793.D
Acq: 6 Mar 2019 11:29

Tgt Ion:142 Resp: 1084

Ion	Ratio	Lower	Upper
142	100		
141	80.9	72.6	108.8
115	47.1	37.4	56.2



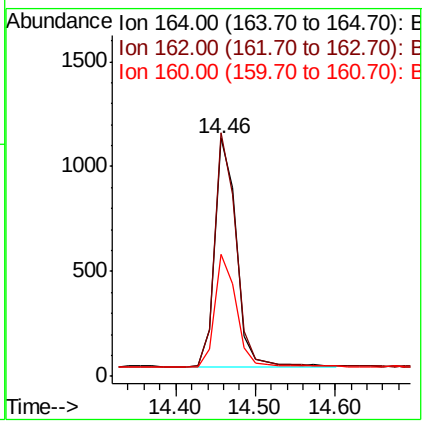


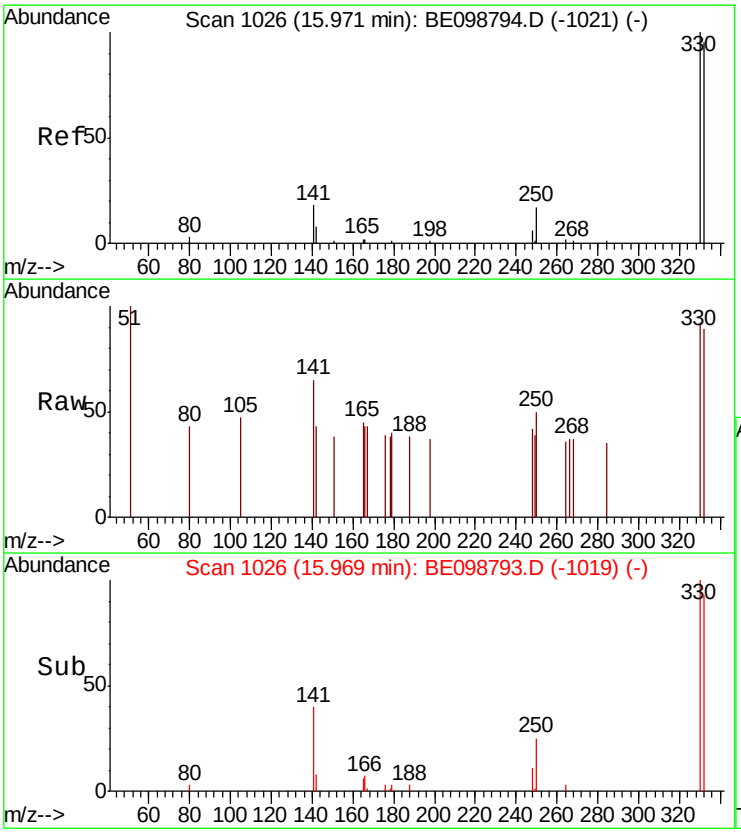
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.46 min Scan# 919
Delta R.T. 0.00 min
Lab File: BE098793.D
Acq: 6 Mar 2019 11:29

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:164 Resp: 2044

Ion	Ratio	Lower	Upper
164	100		
162	102.2	80.2	120.2
160	51.4	37.8	56.8

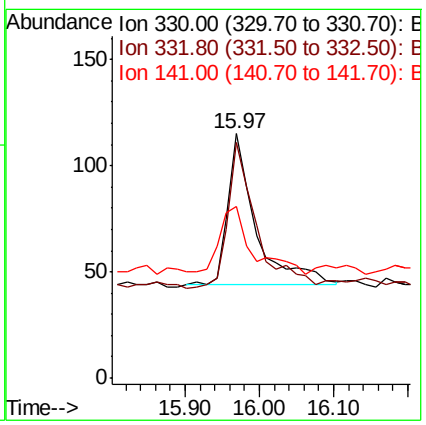


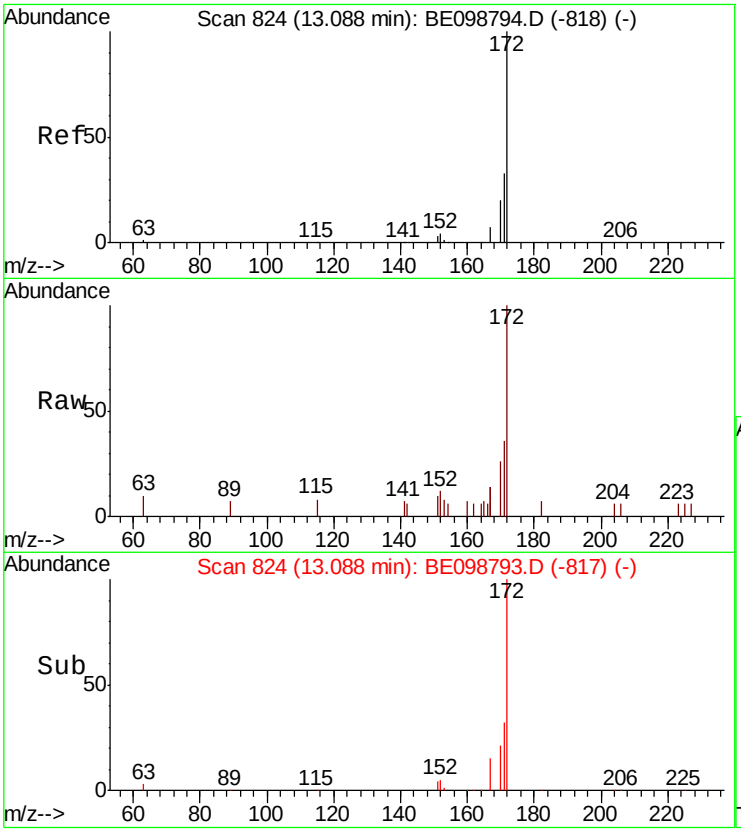


#14
2,4,6-Tribromophenol
Concen: 0.207 ng
RT: 15.97 min Scan# 1026
Delta R.T. -0.00 min
Lab File: BE098793.D
Acq: 6 Mar 2019 11:29

Tgt Ion:330 Resp: 184

Ion	Ratio	Lower	Upper
330	100		
332	101.1	77.6	116.4
141	52.2	31.0	46.4#



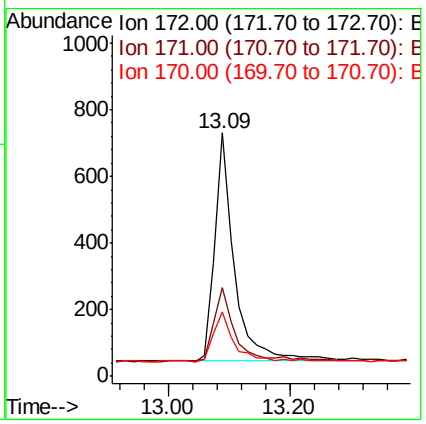


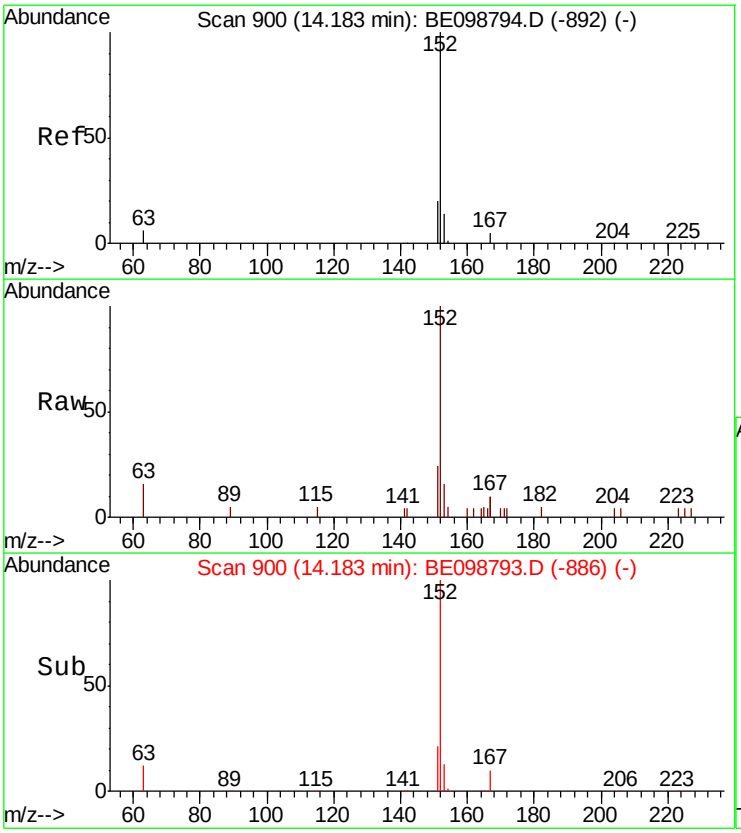
#15
2-Fluorobiphenyl
Concen: 0.183 ng
RT: 13.09 min Scan# 824
Delta R.T. 0.00 min
Lab File: BE098793.D
Acq: 6 Mar 2019 11:29

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:172 Resp: 1533

Ion	Ratio	Lower	Upper
172	100		
171	36.4	28.0	42.0
170	26.4	17.7	26.5

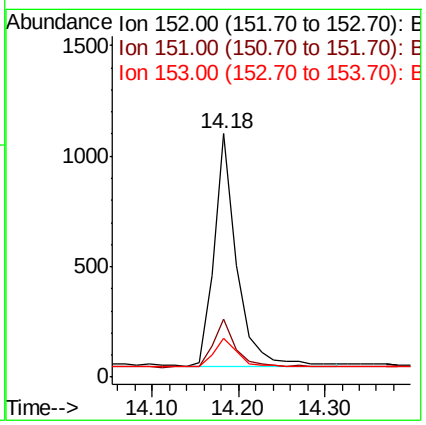


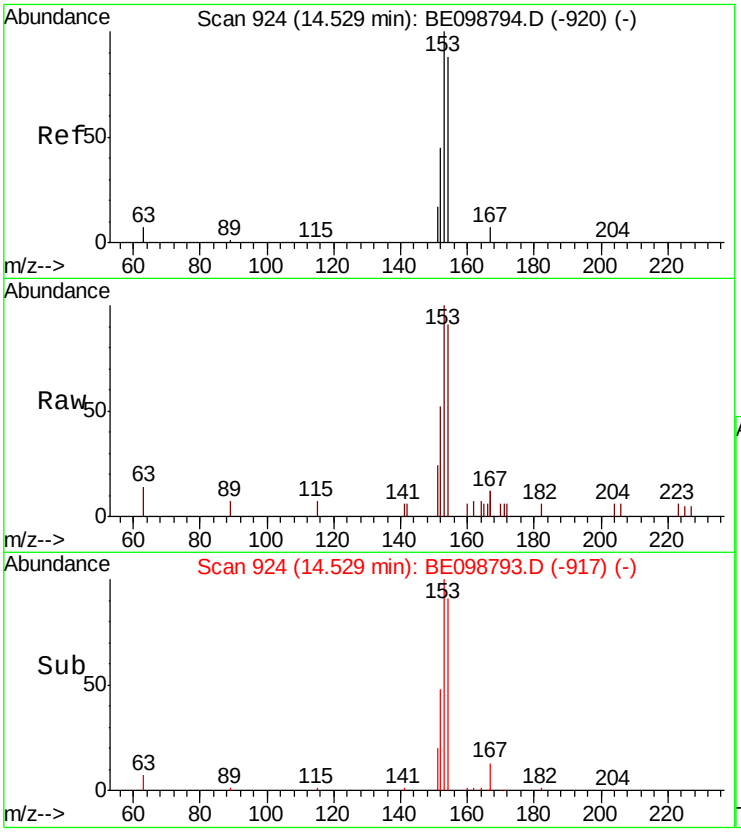


#16
Acenaphthylene
Concen: 0.219 ng
RT: 14.18 min Scan# 900
Delta R.T. 0.00 min
Lab File: BE098793.D
Acq: 6 Mar 2019 11:29

Tgt Ion:152 Resp: 1939

Ion	Ratio	Lower	Upper
152	100		
151	20.2	17.0	25.6
153	12.8	11.2	16.8



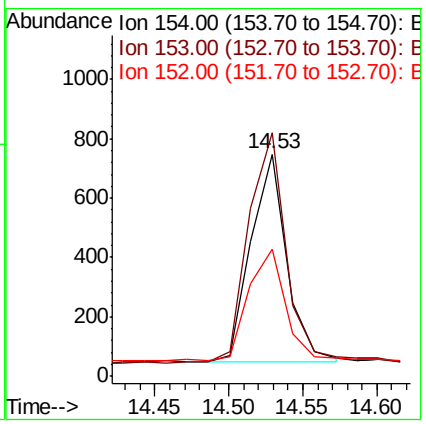


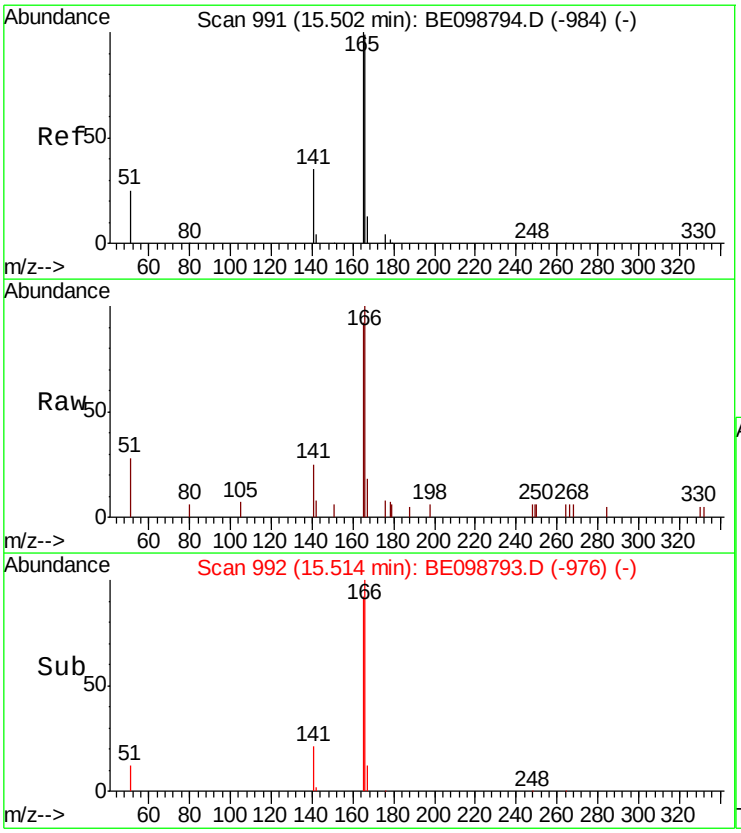
#17
Acenaphthene
Concen: 0.212 ng
RT: 14.53 min Scan# 924
Delta R.T. 0.00 min
Lab File: BE098793.D
Acq: 6 Mar 2019 11:29

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:154 Resp: 1179

Ion	Ratio	Lower	Upper
154	100		
153	115.9	94.2	141.4
152	56.1	45.0	67.4

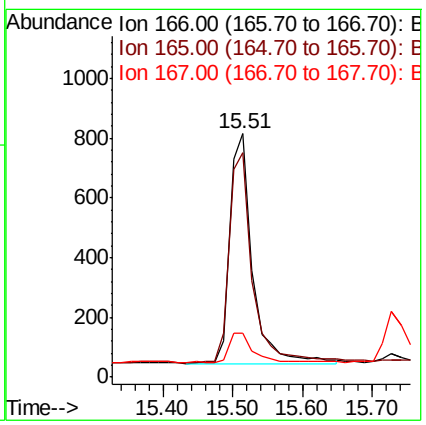


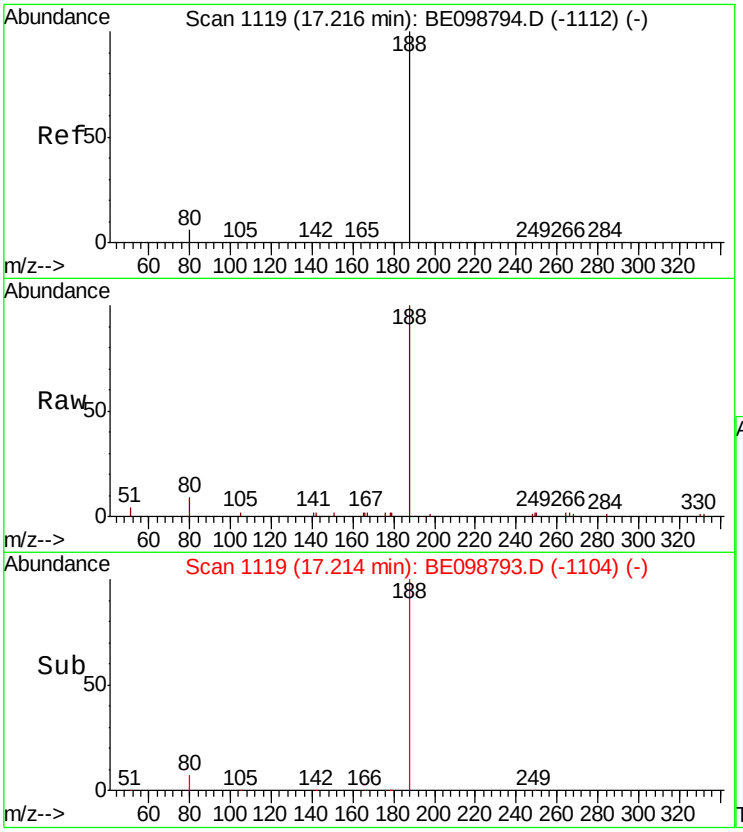


#18
Fluorene
Concen: 0.239 ng
RT: 15.51 min Scan# 992
Delta R.T. 0.01 min
Lab File: BE098793.D
Acq: 6 Mar 2019 11:29

Tgt Ion:166 Resp: 1728

Ion	Ratio	Lower	Upper
166	100		
165	93.1	79.3	118.9
167	12.5	10.5	15.7



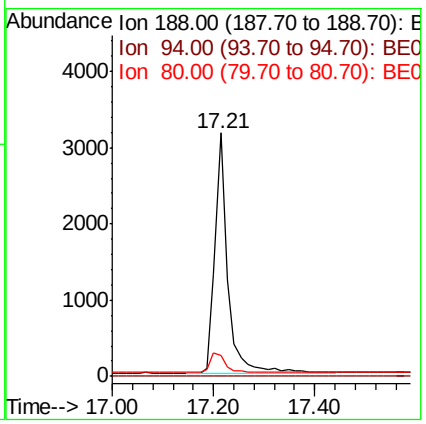


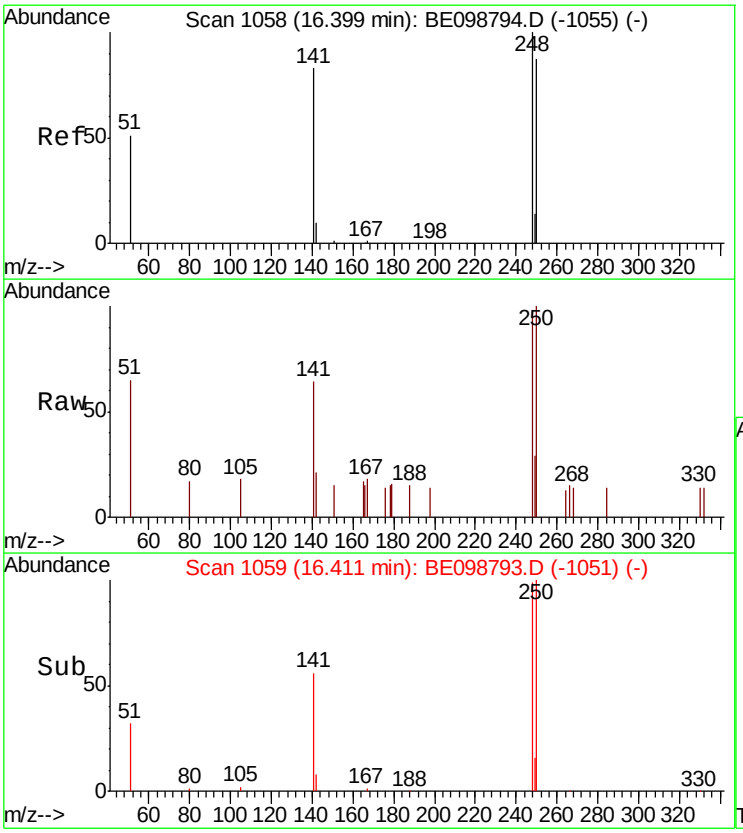
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.21 min Scan# 1119
Delta R.T. -0.00 min
Lab File: BE098793.D
Acq: 6 Mar 2019 11:29

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:188 Resp: 5522

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	8.7	6.3	9.5

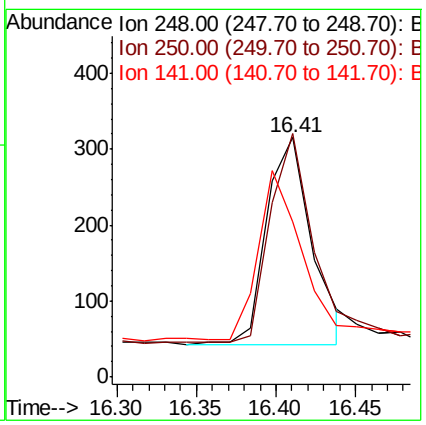


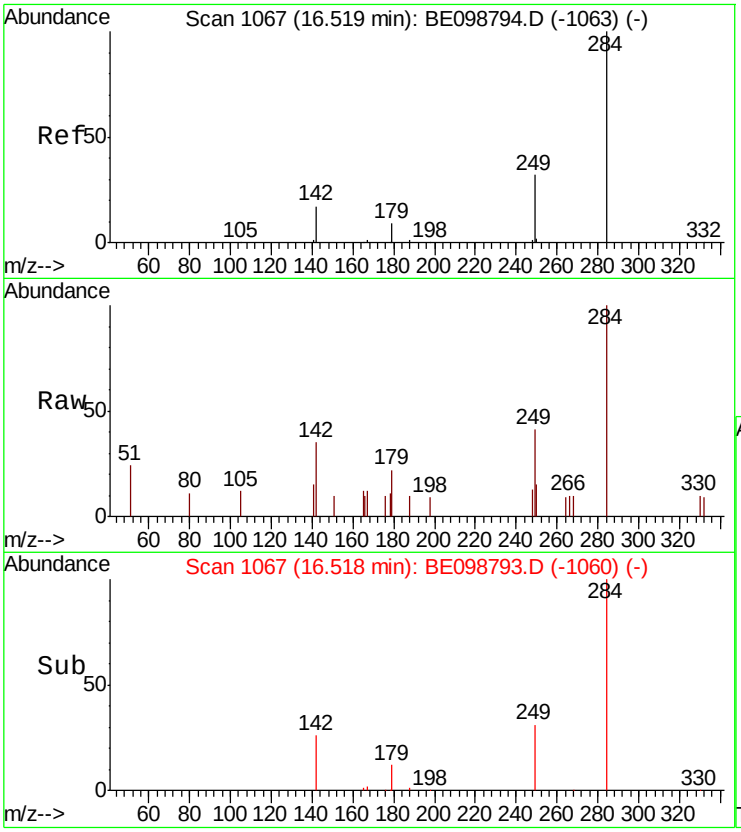


#20
4-Bromophenyl-phenylether
Concen: 0.184 ng
RT: 16.41 min Scan# 1059
Delta R.T. 0.01 min
Lab File: BE098793.D
Acq: 6 Mar 2019 11:29

Tgt Ion:248 Resp: 539

Ion	Ratio	Lower	Upper
248	100		
250	101.9	70.6	105.8
141	64.8	68.6	102.8#



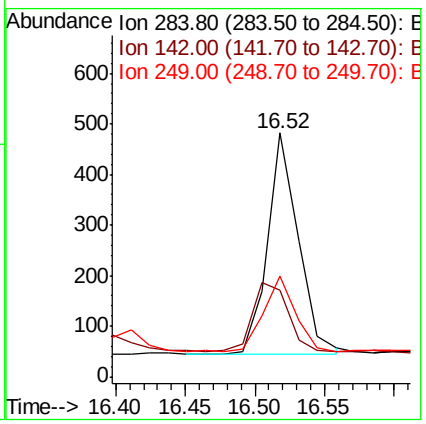


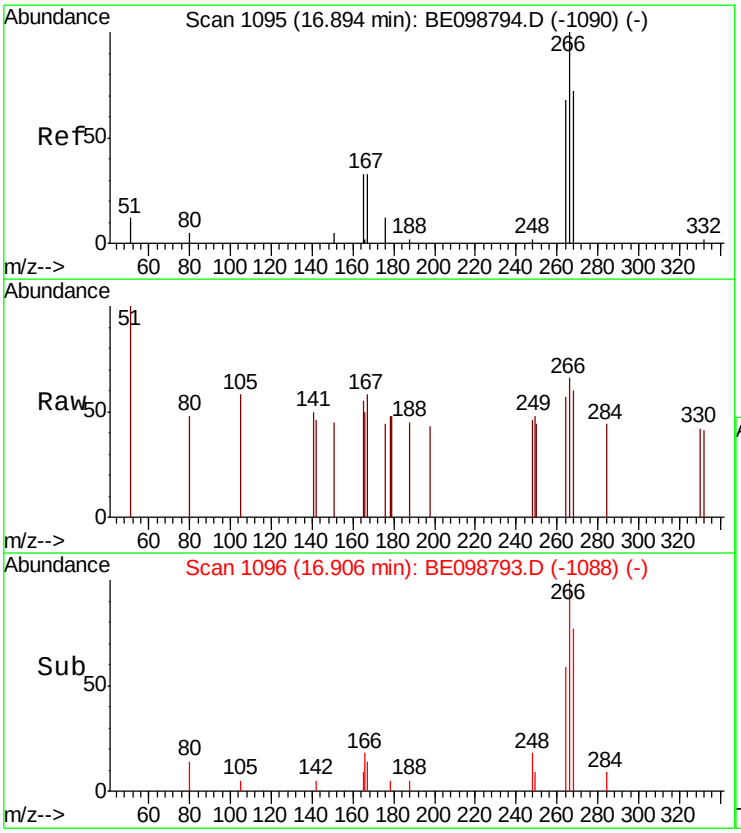
#21
Hexachlorobenzene
Concen: 0.191 ng
RT: 16.52 min Scan# 1067
Delta R.T. -0.00 min
Lab File: BE098793.D
Acq: 6 Mar 2019 11:29

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:284 Resp: 674

Ion	Ratio	Lower	Upper
284	100		
142	36.1	28.7	43.1
249	35.2	29.6	44.4

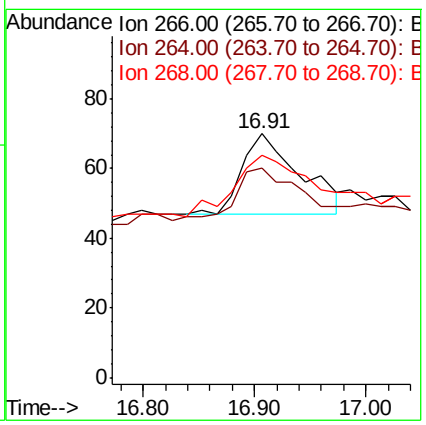


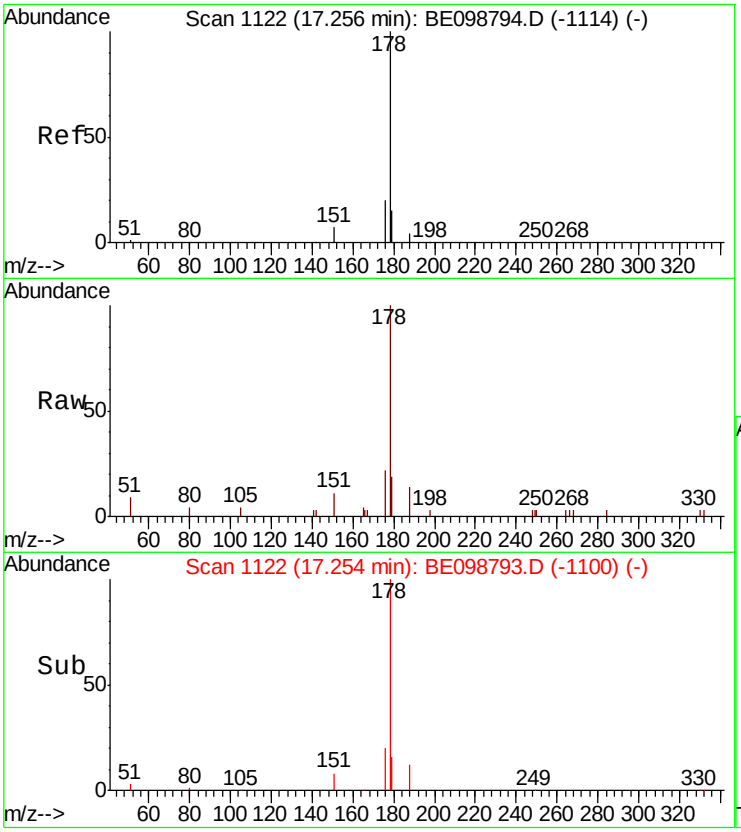


#22
Pentachlorophenol
Concen: 0.080 ng
RT: 16.91 min Scan# 1096
Delta R.T. 0.01 min
Lab File: BE098793.D
Acq: 6 Mar 2019 11:29

Tgt Ion:266 Resp: 83

Ion	Ratio	Lower	Upper
266	100		
264	85.7	66.6	100.0
268	91.4	69.8	104.8



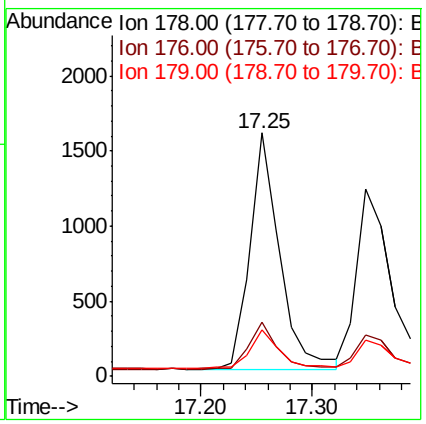


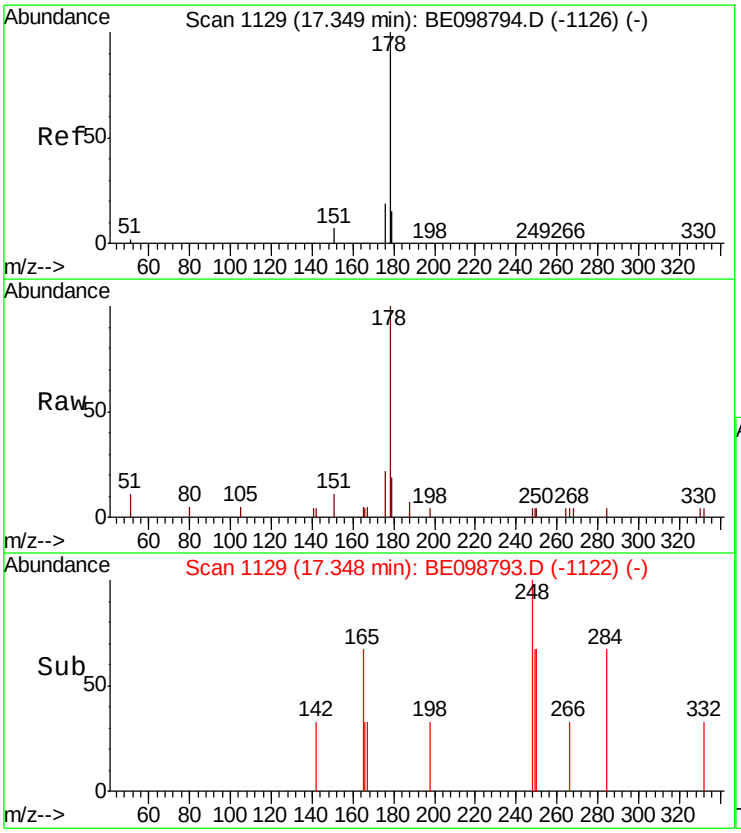
#23
Phenanthrene
Concen: 0.225 ng
RT: 17.25 min Scan# 1122
Delta R.T. -0.00 min
Lab File: BE098793.D
Acq: 6 Mar 2019 11:29

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:178 Resp: 2944

Ion	Ratio	Lower	Upper
178	100		
176	18.4	16.0	24.0
179	16.6	12.1	18.1

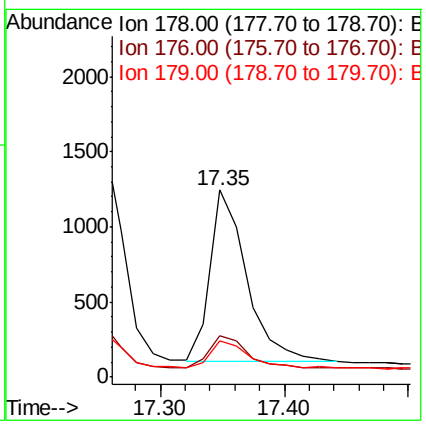


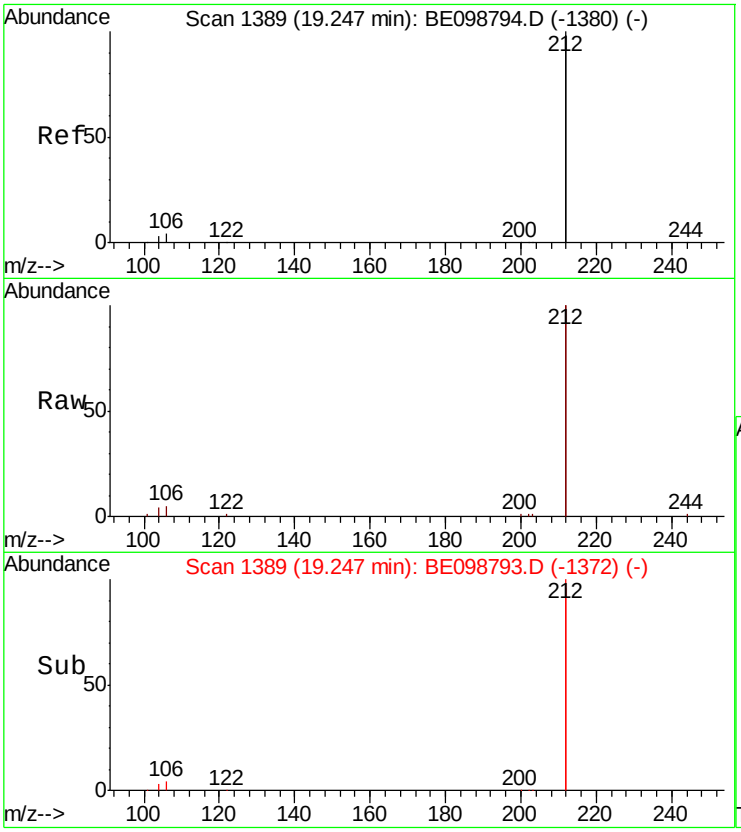


#24
Anthracene
Concen: 0.208 ng
RT: 17.35 min Scan# 1129
Delta R.T. -0.00 min
Lab File: BE098793.D
Acq: 6 Mar 2019 11:29

Tgt Ion:178 Resp: 2332

Ion	Ratio	Lower	Upper
178	100		
176	20.0	15.4	23.0
179	16.8	12.2	18.4



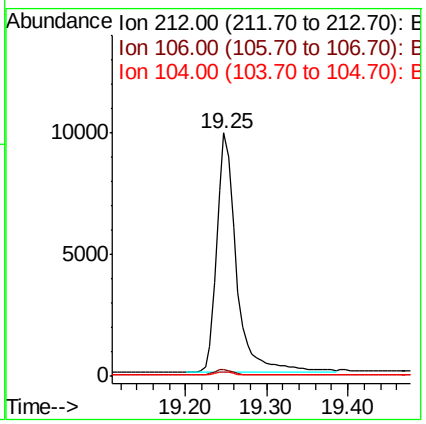


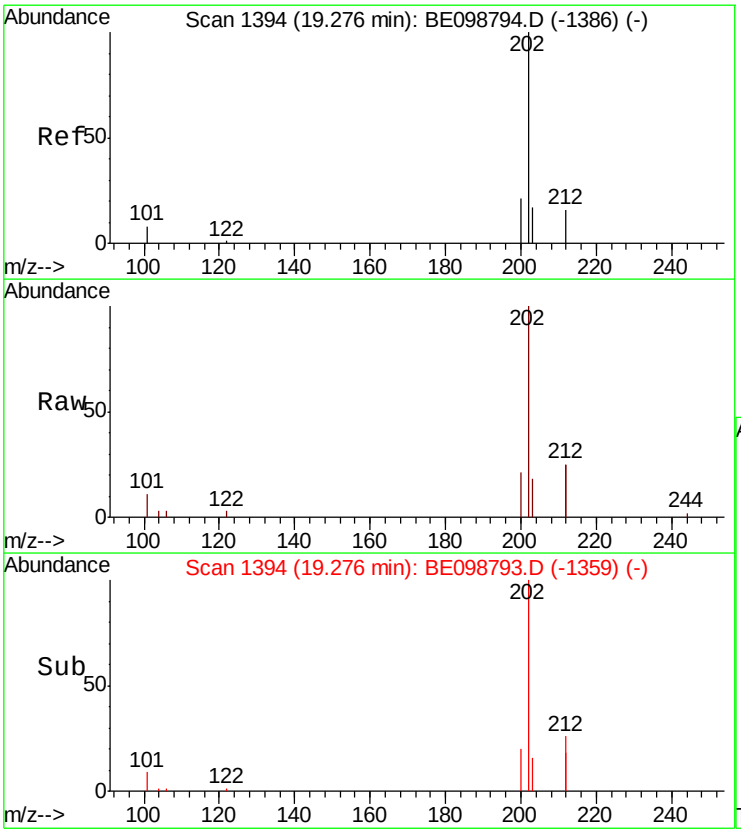
#25
Fluoranthene-d10
Concen: 0.241 ng
RT: 19.25 min Scan# 1389
Delta R.T. 0.00 min
Lab File: BE098793.D
Acq: 6 Mar 2019 11:29

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:212 Resp: 16514

Ion	Ratio	Lower	Upper
212	100		
106	2.3	1.8	2.8
104	1.4	1.0	1.6

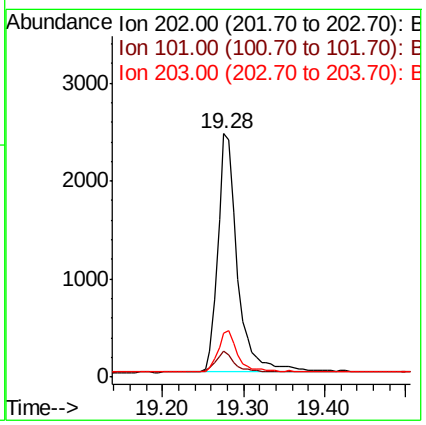


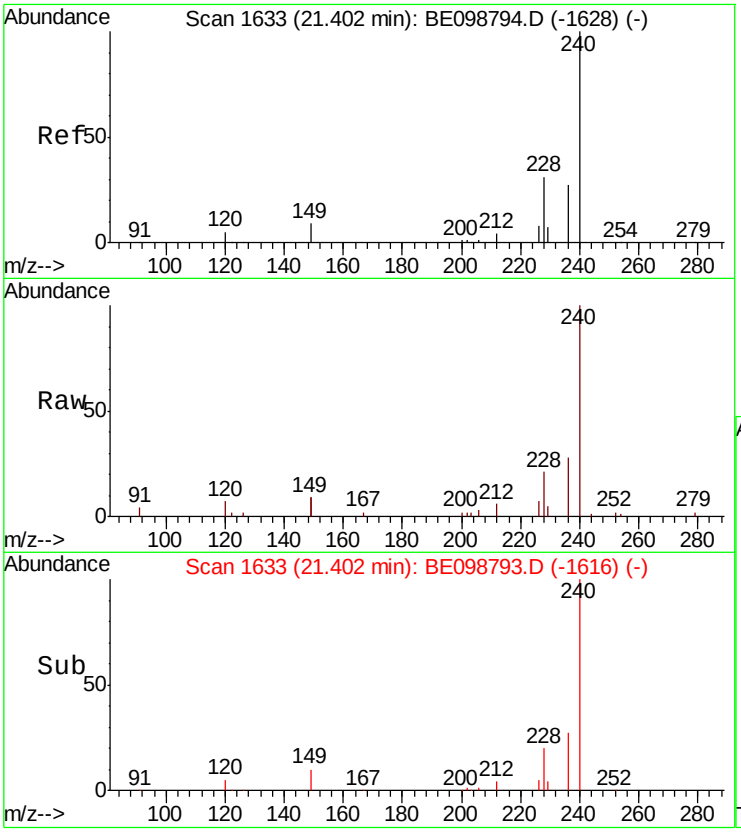


#26
Fluoranthene
Concen: 0.243 ng
RT: 19.28 min Scan# 1394
Delta R.T. 0.00 min
Lab File: BE098793.D
Acq: 6 Mar 2019 11:29

Tgt Ion:202 Resp: 4087

Ion	Ratio	Lower	Upper
202	100		
101	8.1	7.3	10.9
203	16.7	13.4	20.2



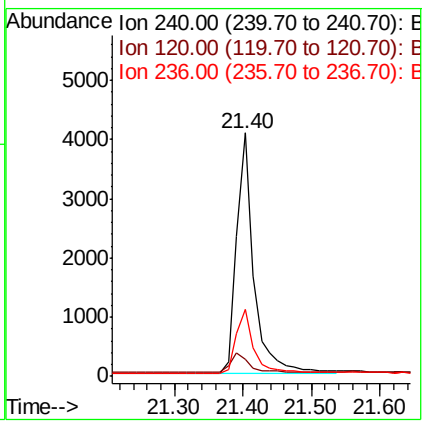


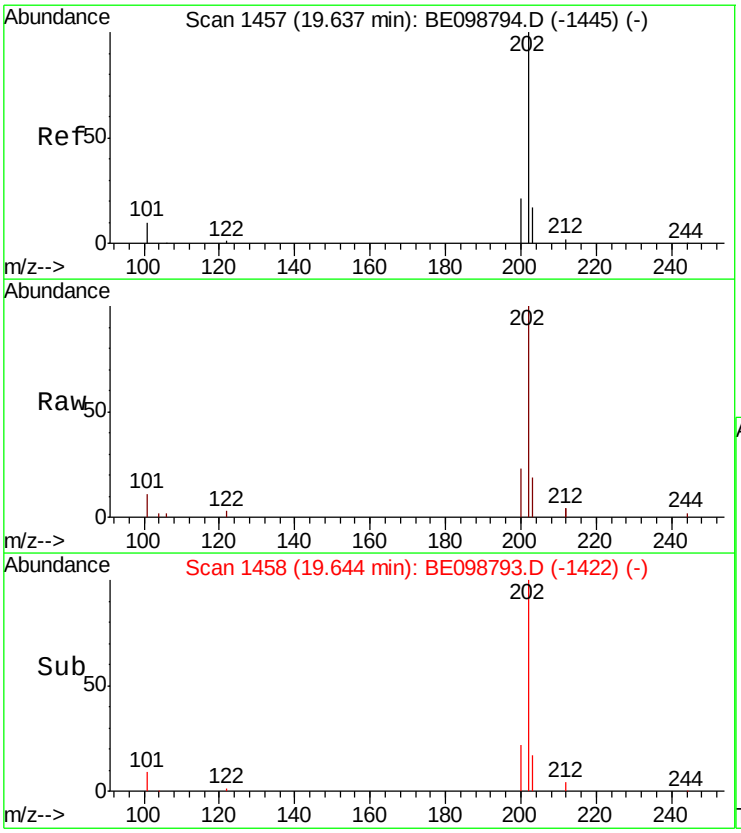
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.40 min Scan# 1633
Delta R.T. 0.00 min
Lab File: BE098793.D
Acq: 6 Mar 2019 11:29

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:240 Resp: 7176

Ion	Ratio	Lower	Upper
240	100		
120	6.8	5.0	7.4
236	27.7	22.7	34.1

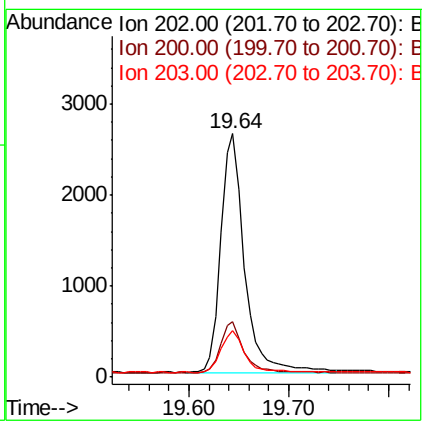


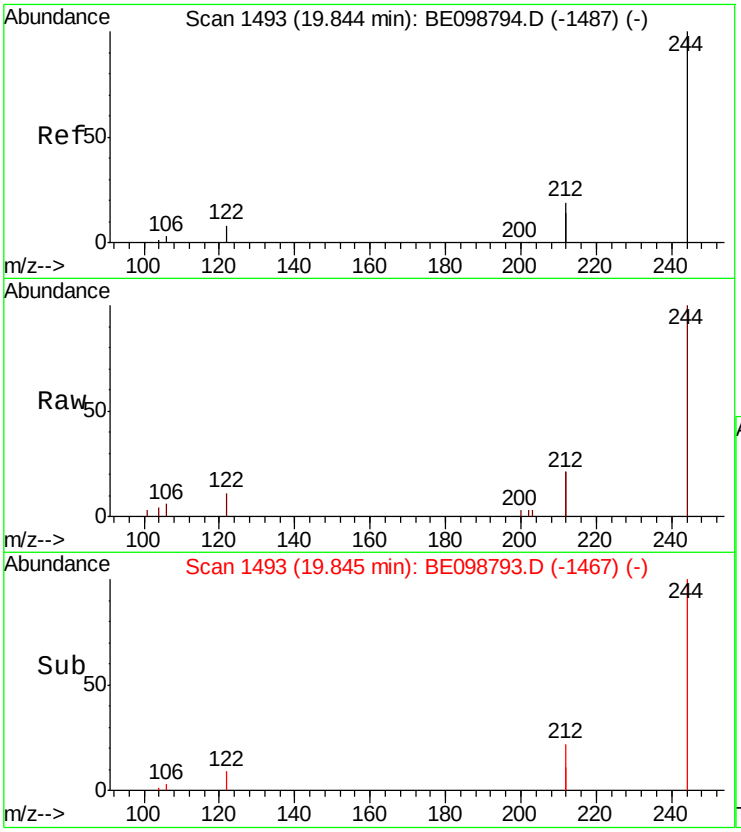


#28
Pyrene
Concen: 0.217 ng
RT: 19.64 min Scan# 1458
Delta R.T. 0.01 min
Lab File: BE098793.D
Acq: 6 Mar 2019 11:29

Tgt Ion:202 Resp: 4292

Ion	Ratio	Lower	Upper
202	100		
200	21.5	17.0	25.6
203	17.7	14.2	21.2



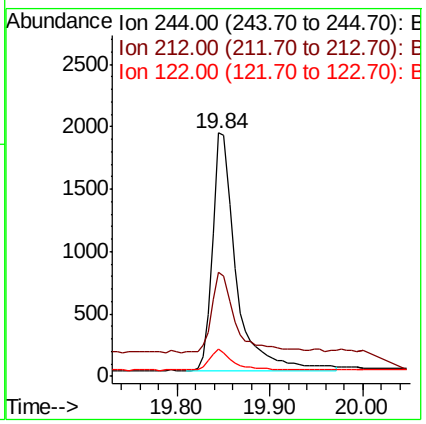


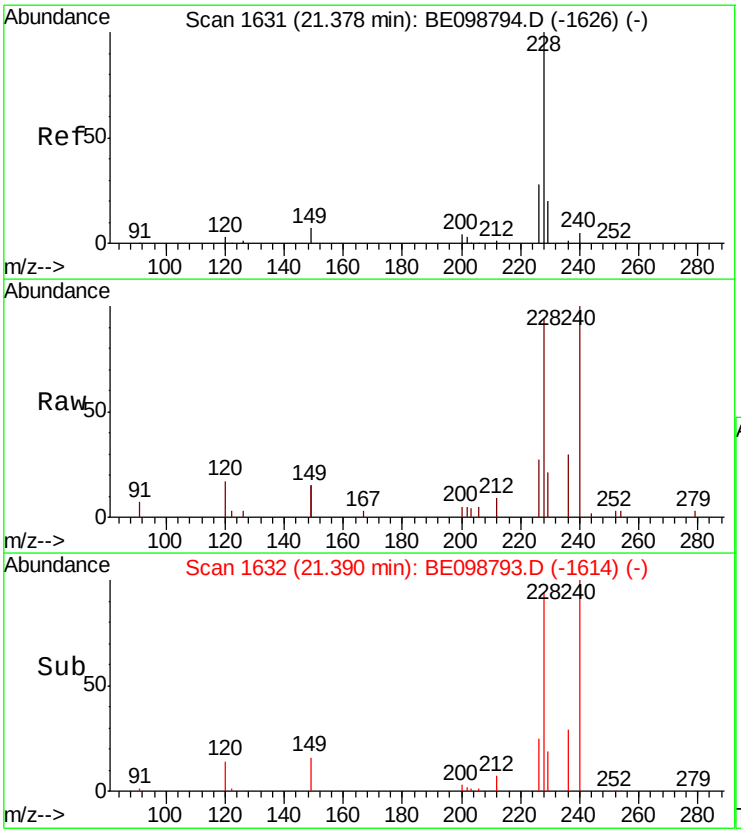
#29
Terphenyl-d14
Concen: 0.211 ng
RT: 19.84 min Scan# 1493
Delta R.T. 0.00 min
Lab File: BE098793.D
Acq: 6 Mar 2019 11:29

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:244 Resp: 3358

Ion	Ratio	Lower	Upper
244	100		
212	42.7	29.4	44.2
122	11.4	7.1	10.7#

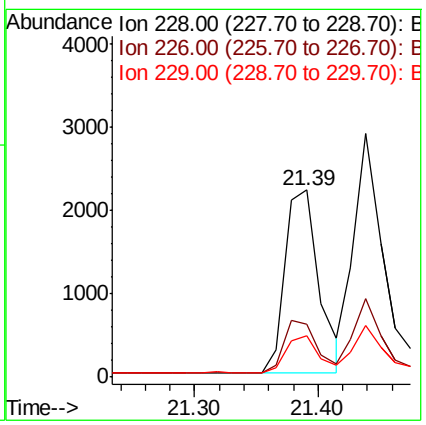


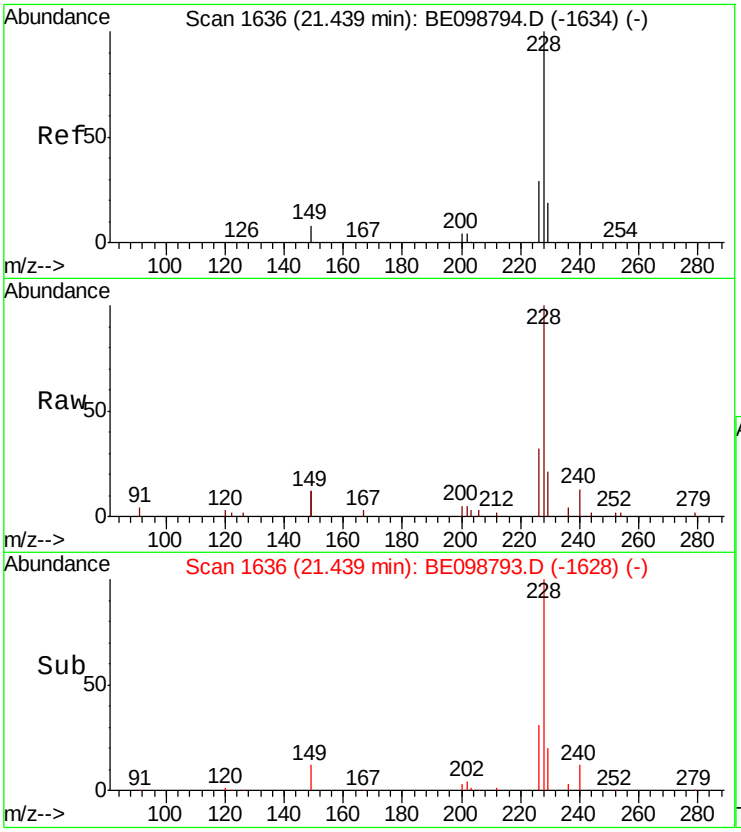


#30
Benzo(a)anthracene
Concen: 0.218 ng
RT: 21.39 min Scan# 1632
Delta R.T. 0.01 min
Lab File: BE098793.D
Acq: 6 Mar 2019 11:29

Tgt Ion:228 Resp: 4213

Ion	Ratio	Lower	Upper
228	100		
226	28.2	23.0	34.4
229	22.2	16.5	24.7



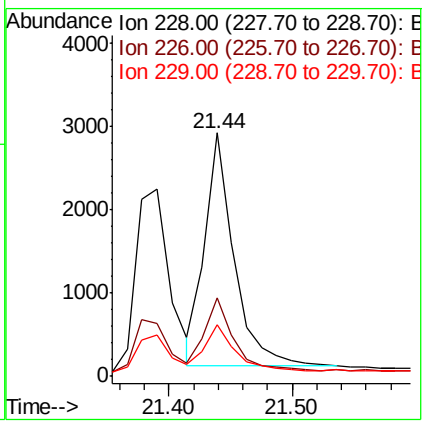


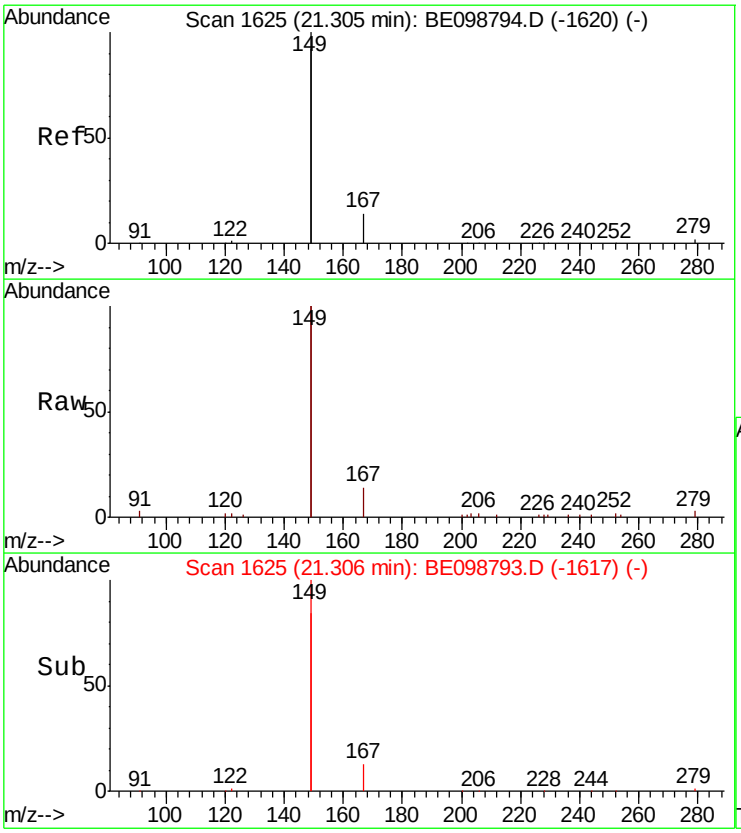
#31
Chrysene
Concen: 0.230 ng
RT: 21.44 min Scan# 1636
Delta R.T. 0.00 min
Lab File: BE098793.D
Acq: 6 Mar 2019 11:29

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:228 Resp: 4596

Ion	Ratio	Lower	Upper
228	100		
226	32.1	23.7	35.5
229	21.2	16.1	24.1

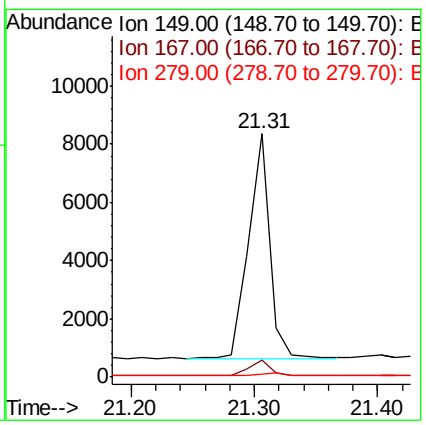


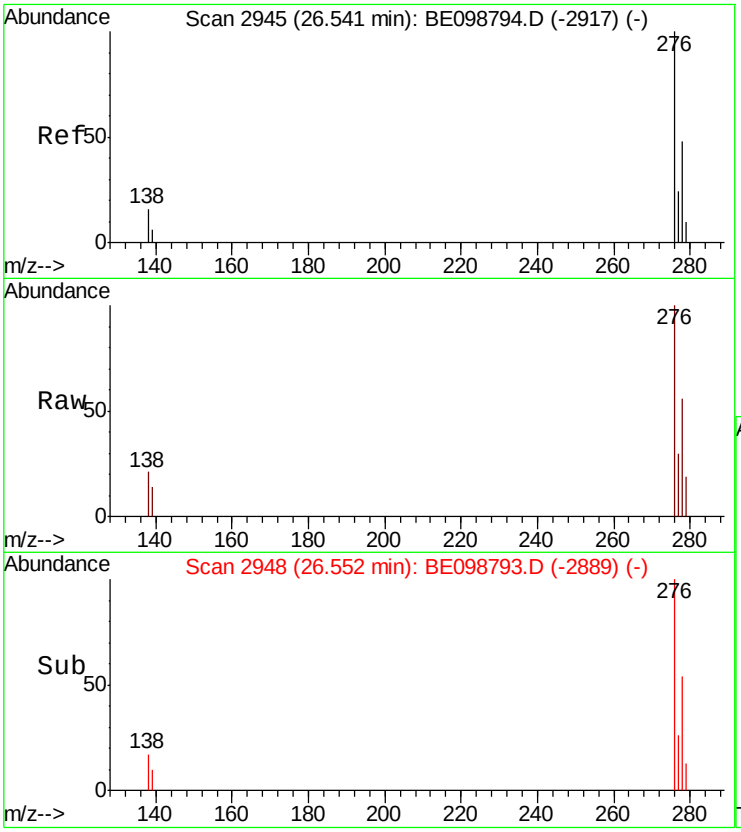


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.226 ng
RT: 21.31 min Scan# 1625
Delta R.T. 0.00 min
Lab File: BE098793.D
Acq: 6 Mar 2019 11:29

Tgt Ion:149 Resp: 9247

Ion	Ratio	Lower	Upper
149	100		
167	6.7	5.4	8.0
279	1.4	1.0	1.4



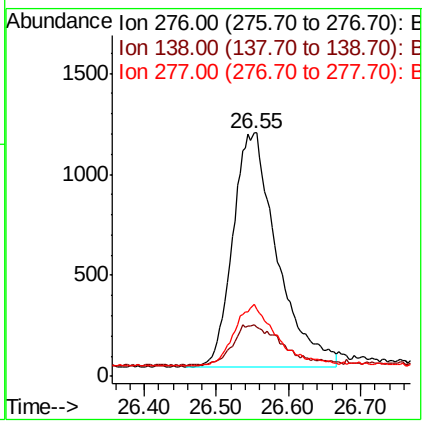


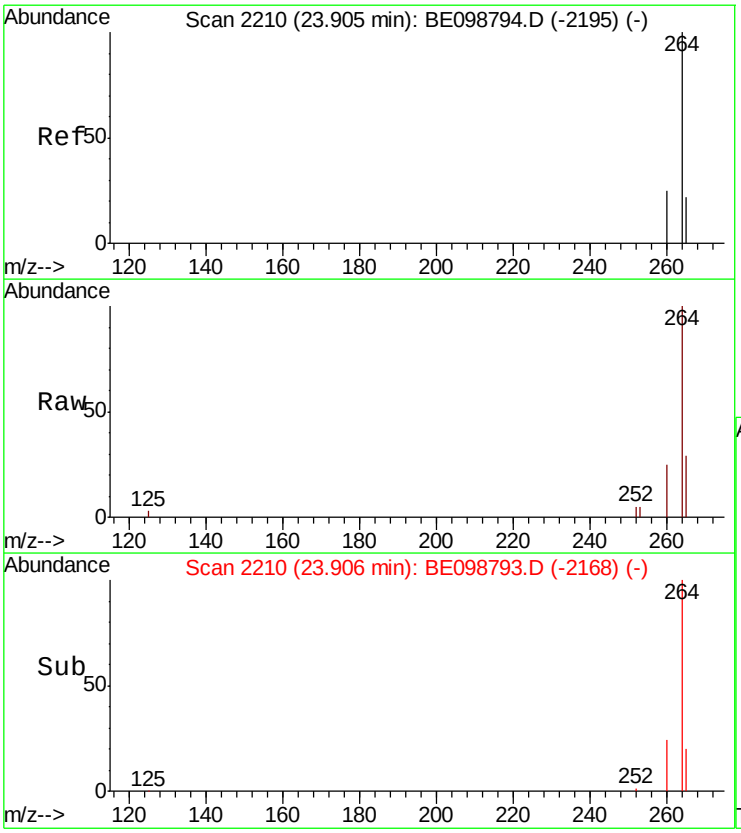
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.236 ng
RT: 26.55 min Scan# 2948
Delta R.T. 0.01 min
Lab File: BE098793.D
Acq: 6 Mar 2019 11:29

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:276 Resp: 4858

Ion	Ratio	Lower	Upper
276	100		
138	18.4	13.8	20.8
277	23.8	19.5	29.3

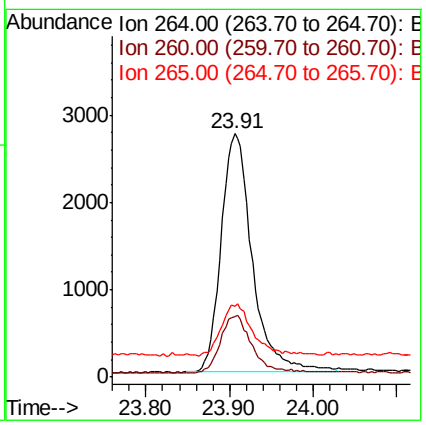


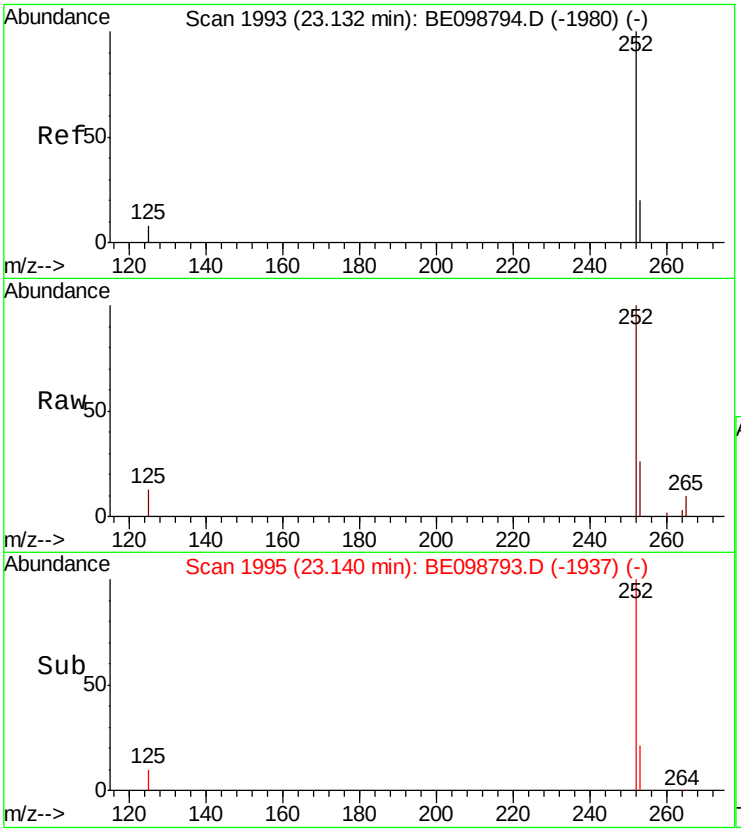


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.91 min Scan# 2210
Delta R.T. 0.00 min
Lab File: BE098793.D
Acq: 6 Mar 2019 11:29

Tgt Ion:264 Resp: 7079

Ion	Ratio	Lower	Upper
264	100		
260	25.1	21.2	31.8
265	29.1	24.6	36.8



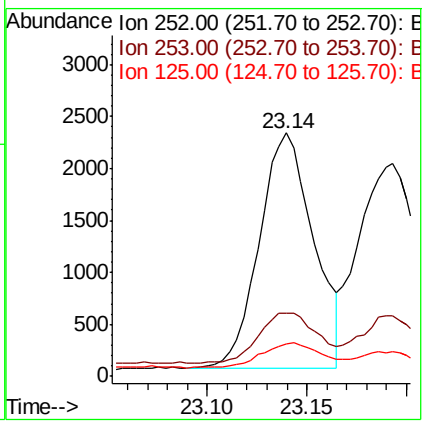


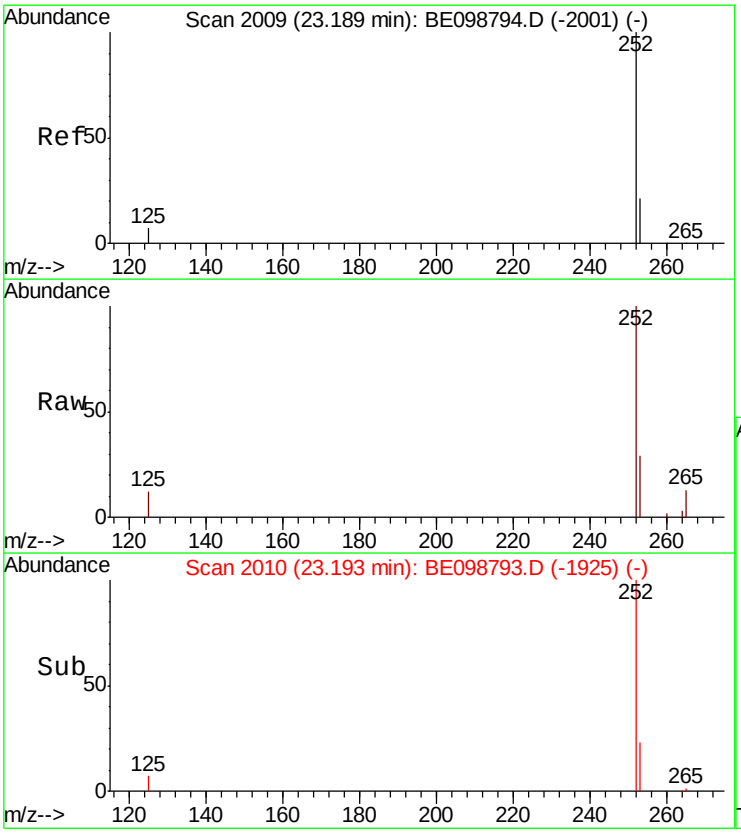
#35
Benzo(b)fluoranthene
Concen: 0.222 ng
RT: 23.14 min Scan# 1995
Delta R.T. 0.01 min
Lab File: BE098793.D
Acq: 6 Mar 2019 11:29

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:252 Resp: 4291

Ion	Ratio	Lower	Upper
252	100		
253	26.0	18.2	27.2
125	13.3	7.3	10.9#

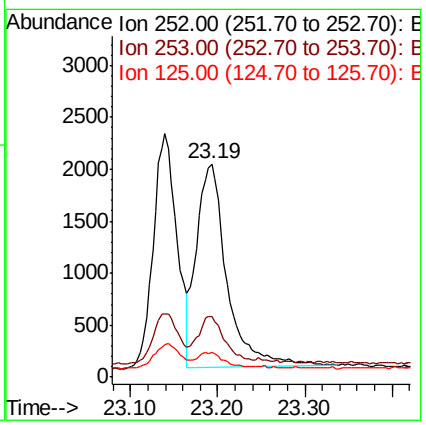


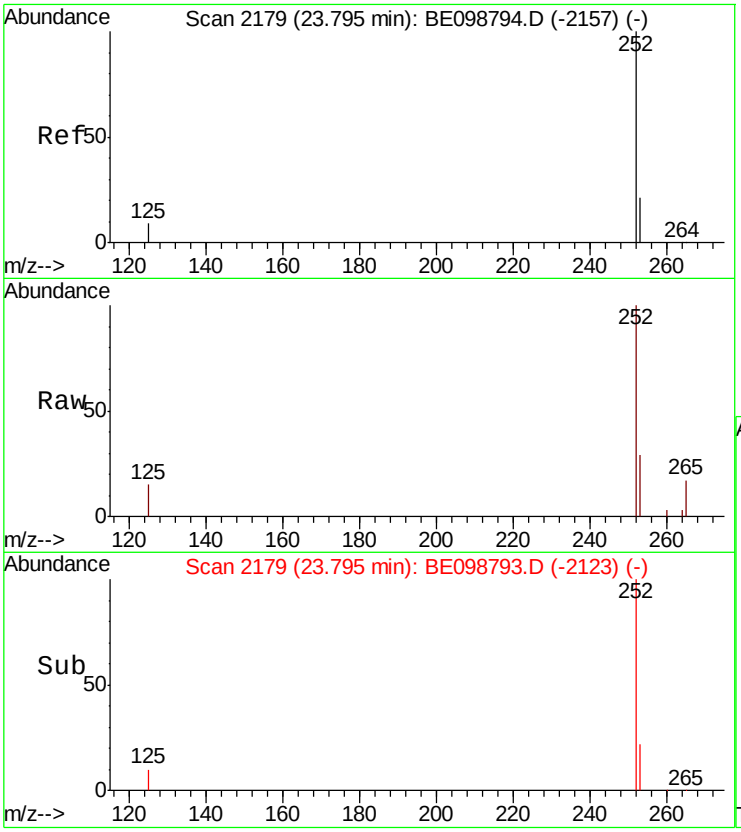


#36
Benzo(k)fluoranthene
Concen: 0.225 ng
RT: 23.19 min Scan# 2010
Delta R.T. 0.00 min
Lab File: BE098793.D
Acq: 6 Mar 2019 11:29

Tgt Ion:252 Resp: 4740

Ion	Ratio	Lower	Upper
252	100		
253	28.6	19.3	28.9
125	11.5	7.5	11.3#



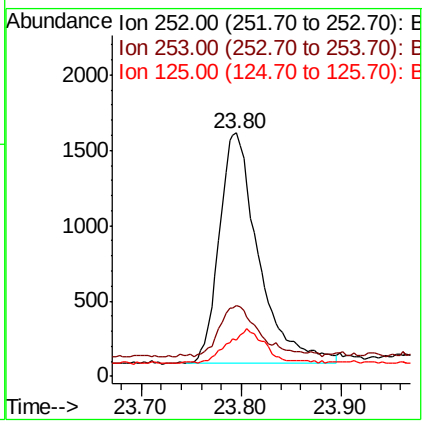


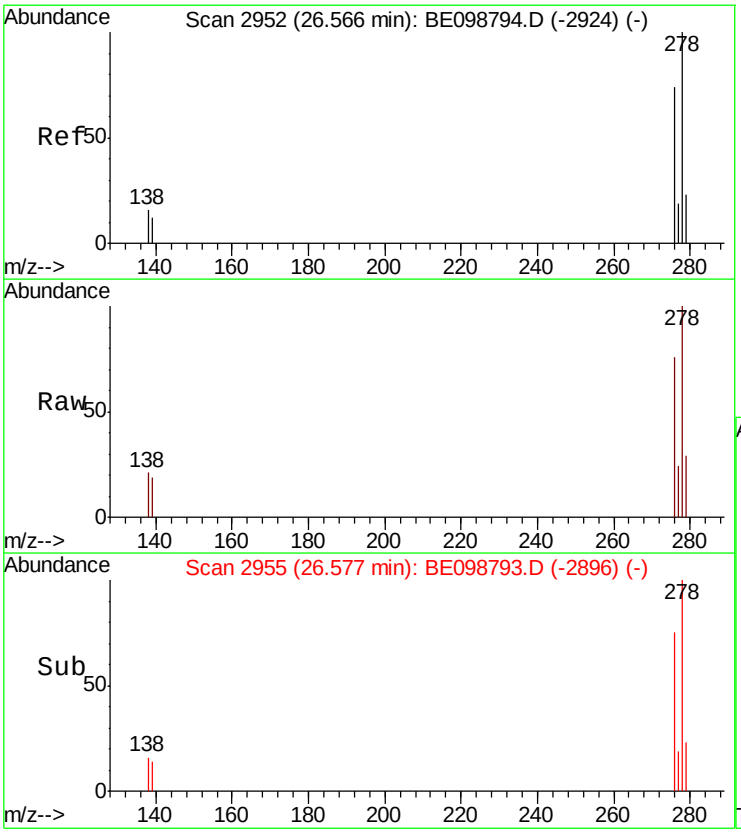
#37
Benzo(a)pyrene
Concen: 0.221 ng
RT: 23.80 min Scan# 2179
Delta R.T. 0.00 min
Lab File: BE098793.D
Acq: 6 Mar 2019 11:29

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:252 Resp: 4196

Ion	Ratio	Lower	Upper
252	100		
253	29.0	19.9	29.9
125	14.7	9.0	13.4#

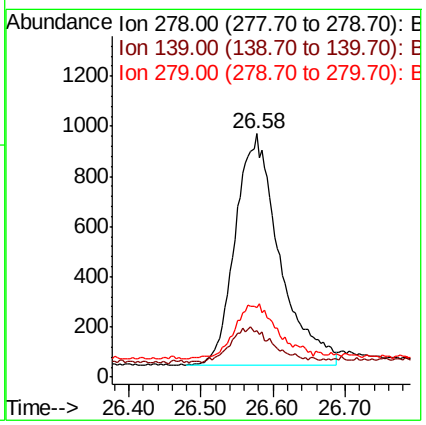


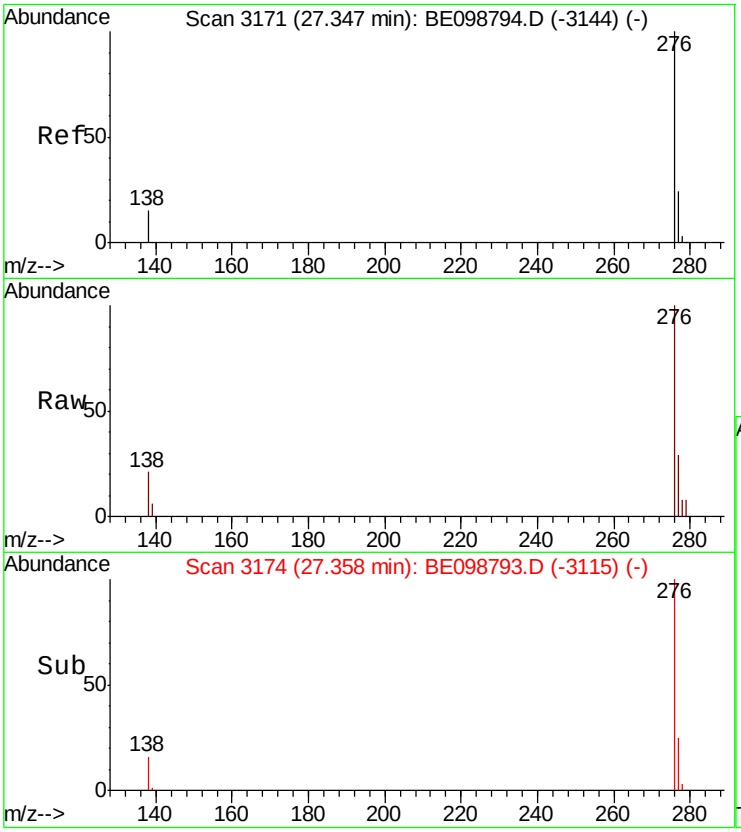


#38
Dibenzo(a,h)anthracene
Concen: 0.227 ng
RT: 26.58 min Scan# 2955
Delta R.T. 0.01 min
Lab File: BE098793.D
Acq: 6 Mar 2019 11:29

Tgt Ion:278 Resp: 3811

Ion	Ratio	Lower	Upper
278	100		
139	19.3	11.8	17.6#
279	28.7	21.1	31.7





#39
Benzo(g,h,i)perylene
Concen: 0.223 ng
RT: 27.36 min Scan# 3174
Delta R.T. 0.01 min
Lab File: BE098793.D
Acq: 6 Mar 2019 11:29

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:276 Resp: 4111

Ion	Ratio	Lower	Upper
276	100		
277	28.5	20.4	30.6
138	21.0	13.6	20.4#