Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE032319\
Data File : BE099106.D
Acq On : 23 Mar 2019 11:23
Operator : JU/SJ
Sample : PB118177BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : PB118177BS

Quant Time: Mar 23 22:35:19 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE032219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Mar 23 04:40:11 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.84	152	4348	0.40	ng		0.00
7) Naphthalene-d8	10.63	136	16170	0.40	ng		-0.01
13) Acenaphthene-d10	14.49	164	10054	0.40	ng		0.00
19) Phenanthrene-d10	17.21	188	23903	0.40	ng		0.00
27) Chrysene-d12	21.39	240	31528	0.40	ng		0.00
34) Perylene-d12	23.90	264	37507	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.41	112	4776	0.37	ng		0.00
5) Phenol-d6	6.99	99	6383	0.34	ng		0.00
8) Nitrobenzene-d5	8.99	82	4081	0.58	ng		0.00
11) 2-Methylnaphthalene-d10	12.22	152	14541	0.50	ng		-0.01
14) 2,4,6-Tribromophenol	15.96	330	1203	0.41	ng		0.00
15) 2-Fluorobiphenyl	13.10	172	13996	0.35	ng		-0.01
25) Fluoranthene-d10	19.24	212	91639	0.29	ng		0.00
29) Terphenyl-d14	19.84	244	18543	0.28	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.35	88	1688	0.250	ng	#	79
3) n-Nitrosodimethylamine	3.67	42	1122	0.322	ng	#	94
6) bis(2-Chloroethyl)ether	7.27	93	5116	0.338	ng		87
9) Naphthalene	10.68	128	62015	0.325	ng		99
10) Hexachlorobutadiene	10.97	225	3089	0.331	ng		98
12) 2-Methylnaphthalene	12.30	142	10441	0.320	ng		96
16) Acenaphthylene	14.20	152	15932	0.297	ng		98
17) Acenaphthene	14.54	154	9934	0.312	ng		98
18) Fluorene	15.51	166	13201	0.284	ng		99
20) 4-Bromophenyl-phenylether	16.41	248	4753	0.359	ng	#	69
21) Hexachlorobenzene	16.52	284	4441	0.361	ng		91
22) Pentachlorophenol	16.85	266	3347	0.916	ng	#	75
23) Phenanthrene	17.25	178	22562	0.318	ng		98
24) Anthracene	17.35	178	20889	0.311	ng		99
26) Fluoranthene	19.27	202	27381	0.274	ng		99
28) Pyrene	19.63	202	28980	0.271	ng		99
30) Benzo(a)anthracene	21.37	228	35478	0.319	ng		97
31) Chrysene	21.43	228	35242	0.318	ng		100
32) Bis(2-ethylhexyl)phthalate	21.29	149	45869	0.318	ng		100
33) Indeno(1,2,3-cd)pyrene	26.55	276	45022	0.377	ng		99
35) Benzo(b)fluoranthene	23.12	252	39111	0.301	ng		98
36) Benzo(k)fluoranthene	23.17	252	40767	0.321	ng		98
37) Benzo(a)pyrene	23.78	252	38430	0.320	ng		95
38) Dibenzo(a,h)anthracene	26.58	278	37157	0.319	ng	#	95
39) Benzo(g,h,i)perylene	27.37	276	38280	0.320	ng		98

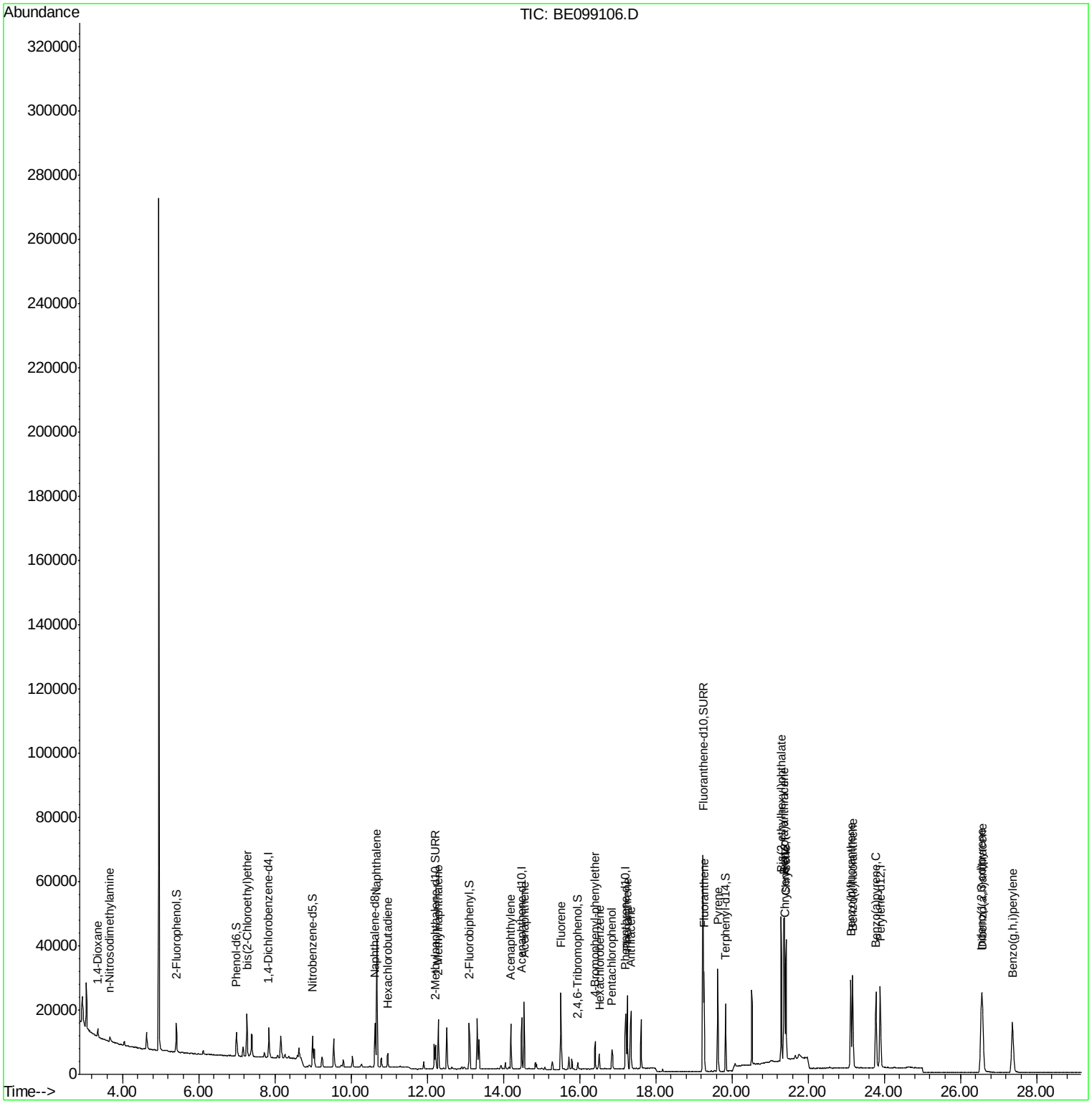
(#) = qualifier out of range (m) = manual integration (+) = signals summed

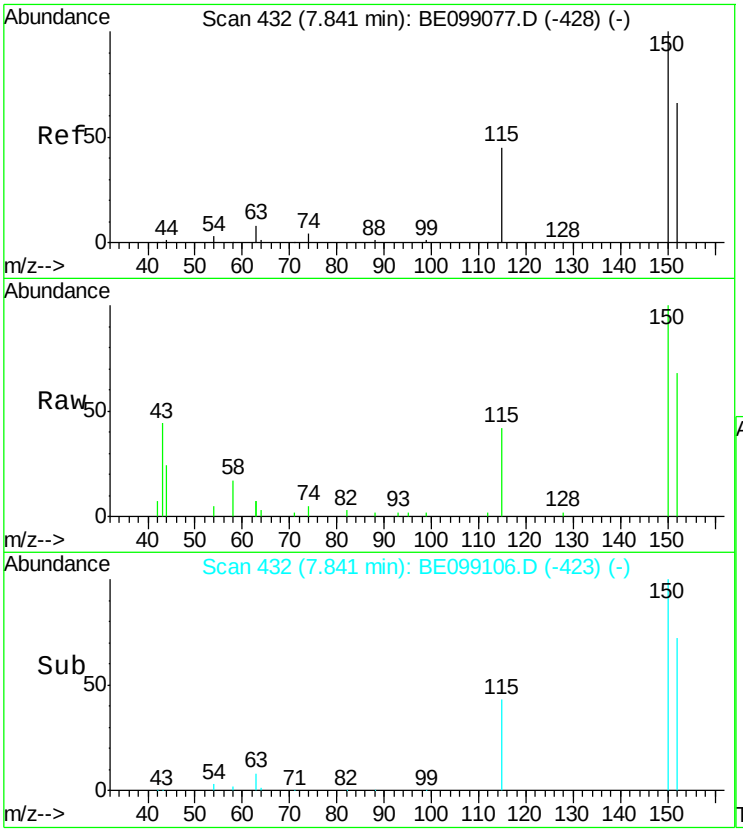
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE032319\
Data File : BE099106.D
Acq On : 23 Mar 2019 11:23
Operator : JU/SJ
Sample : PB118177BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
PB118177BS

Quant Time: Mar 23 22:35:19 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE032219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Mar 23 04:40:11 2019
Response via : Initial Calibration



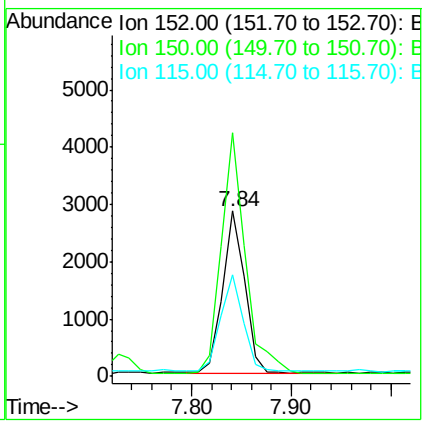


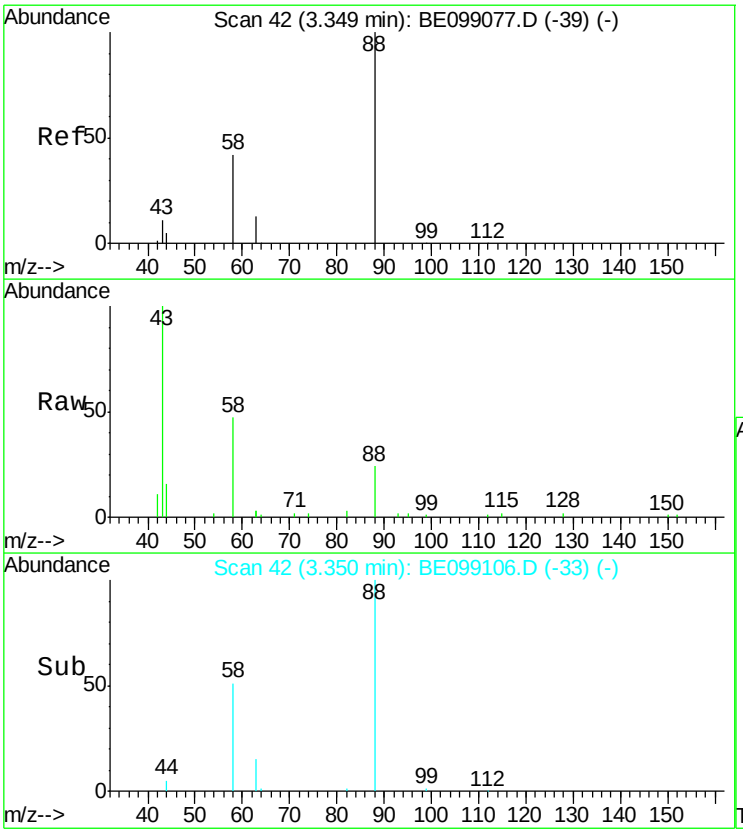
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.84 min Scan# 432
Delta R.T. 0.00 min
Lab File: BE099106.D
Acq: 23 Mar 2019 11:23

Instrument :
BNA_E
ClientSampleId :
PB118177BS

Tgt Ion:152 Resp: 4348

Ion	Ratio	Lower	Upper
152	100		
150	147.6	122.5	183.7
115	61.8	57.4	86.2

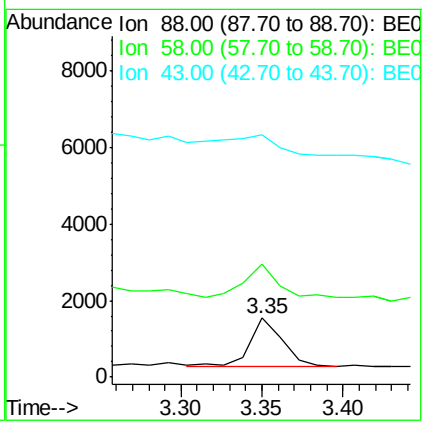


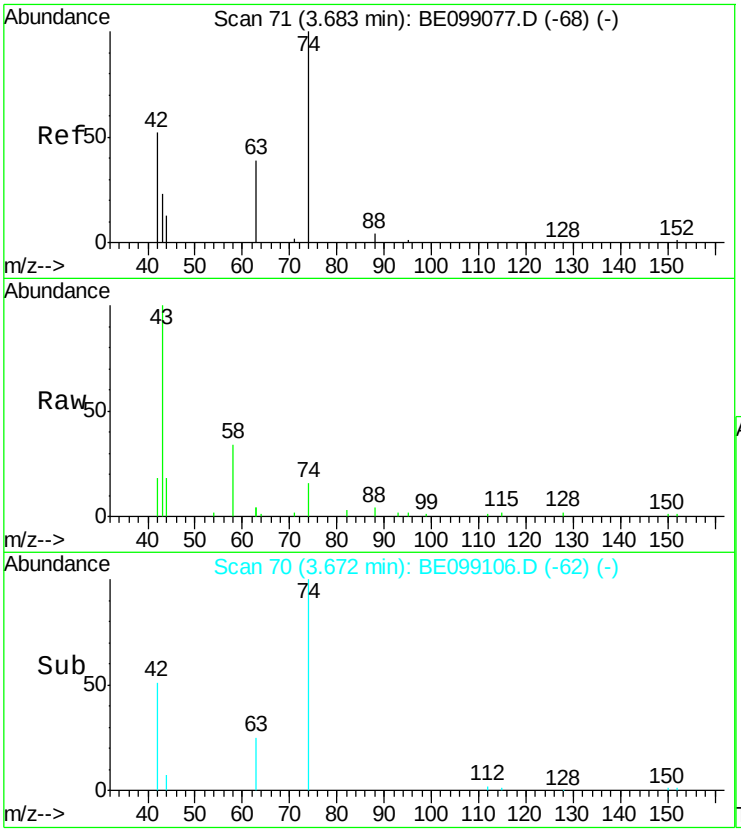


#2
1,4-Dioxane
Concen: 0.250 ng
RT: 3.35 min Scan# 42
Delta R.T. 0.00 min
Lab File: BE099106.D
Acq: 23 Mar 2019 11:23

Tgt Ion: 88 Resp: 1688

Ion	Ratio	Lower	Upper
88	100		
58	69.2	52.0	78.0
43	0.0	24.0	36.0#



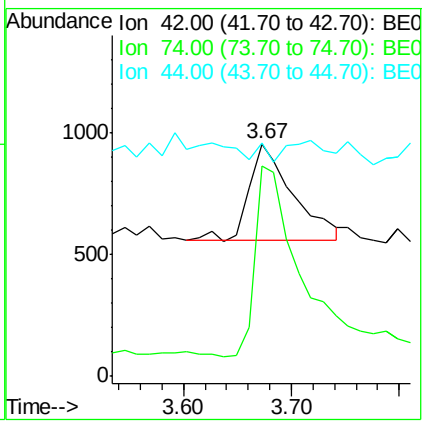


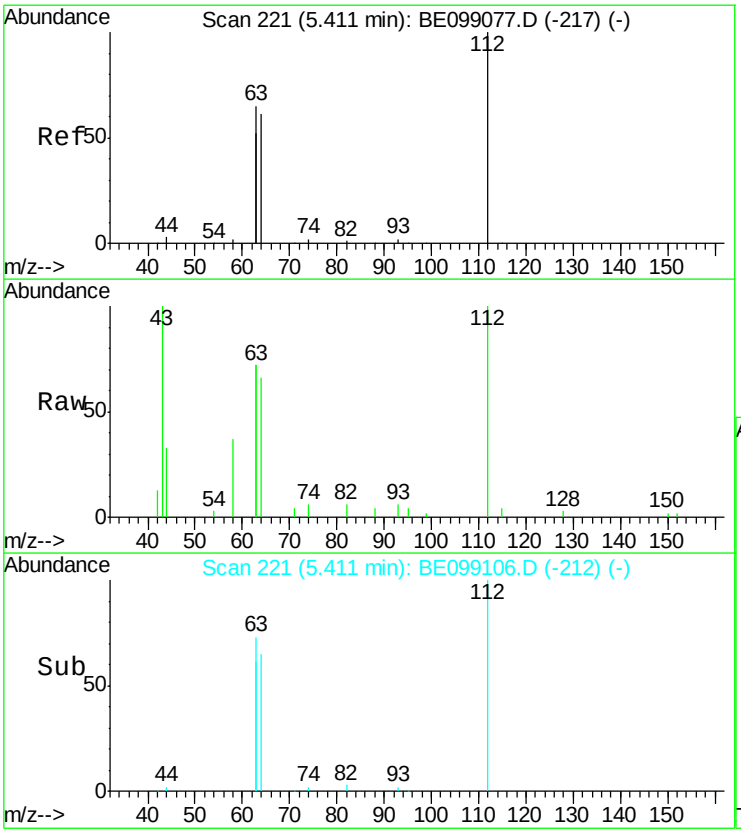
#3
n-Nitrosodimethylamine
Concen: 0.322 ng
RT: 3.67 min Scan# 70
Delta R.T. -0.01 min
Lab File: BE099106.D
Acq: 23 Mar 2019 11:23

Instrument :
BNA_E
ClientSampleId :
PB118177BS

Tgt Ion: 42 Resp: 1122

Ion	Ratio	Lower	Upper
42	100		
74	191.4	160.0	240.0
44	4.8	0.0	0.0#

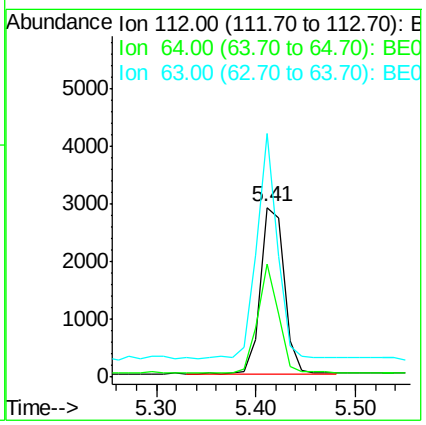


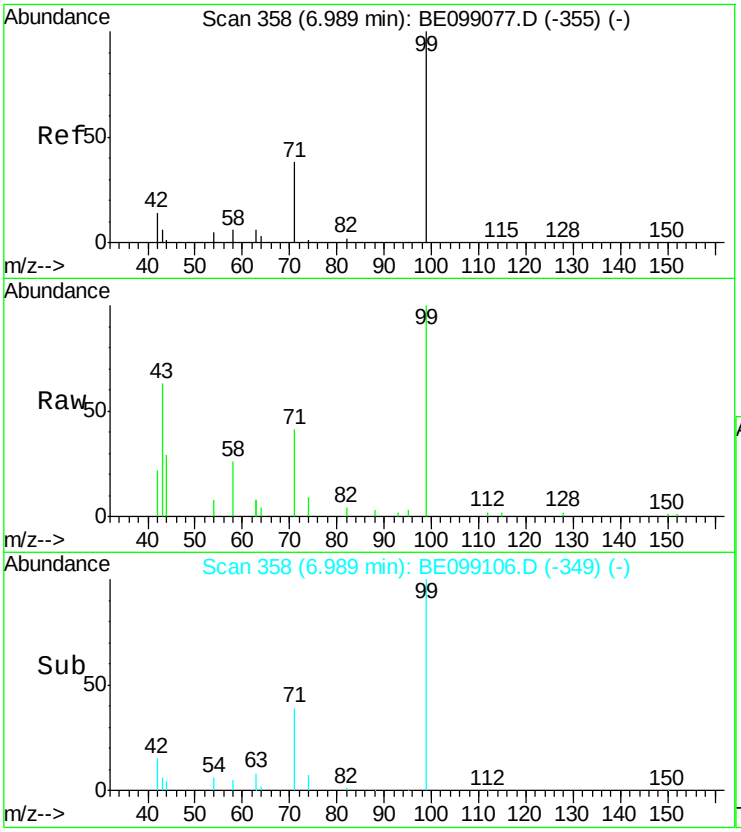


#4
2-Fluorophenol
Concen: 0.369 ng
RT: 5.41 min Scan# 221
Delta R.T. 0.00 min
Lab File: BE099106.D
Acq: 23 Mar 2019 11:23

Tgt Ion:112 Resp: 4776

Ion	Ratio	Lower	Upper
112	100		
64	57.9	57.9	86.9
63	117.3	158.3	237.5#



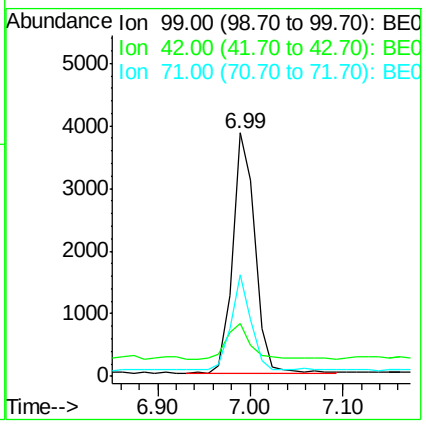


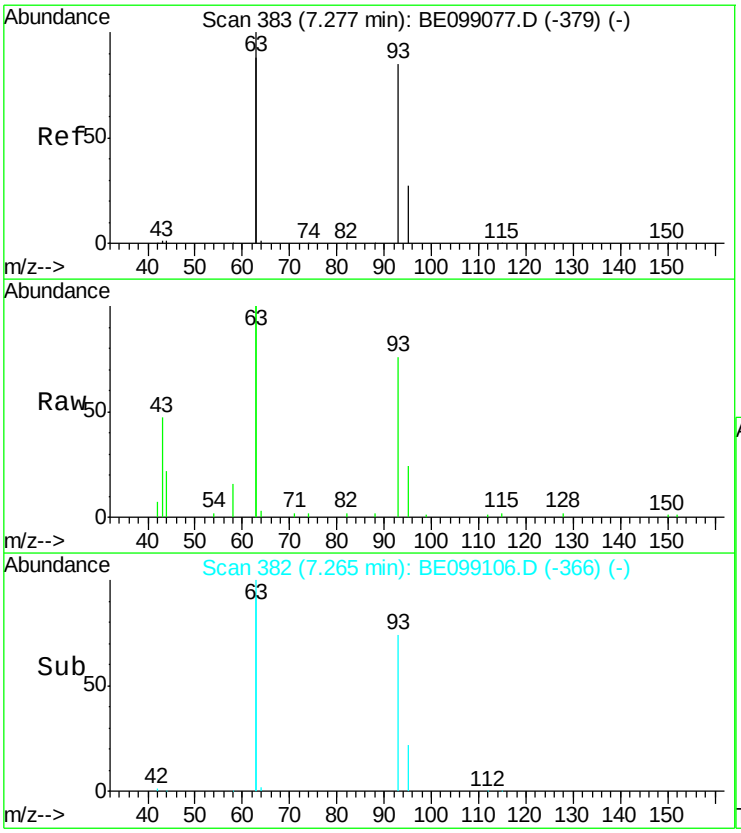
#5
Phenol-d6
Concen: 0.342 ng
RT: 6.99 min Scan# 358
Delta R.T. 0.00 min
Lab File: BE099106.D
Acq: 23 Mar 2019 11:23

Instrument :
BNA_E
ClientSampleId :
PB118177BS

Tgt Ion: 99 Resp: 6383

Ion	Ratio	Lower	Upper
99	100		
42	16.7	24.2	36.2#
71	35.4	35.7	53.5#

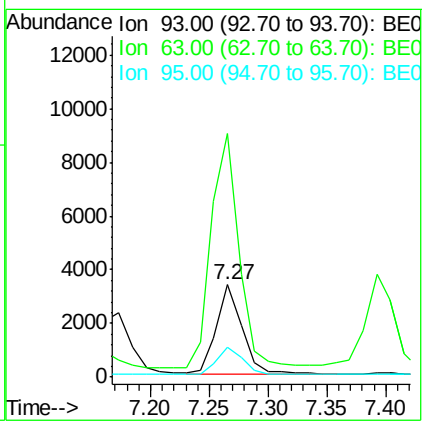


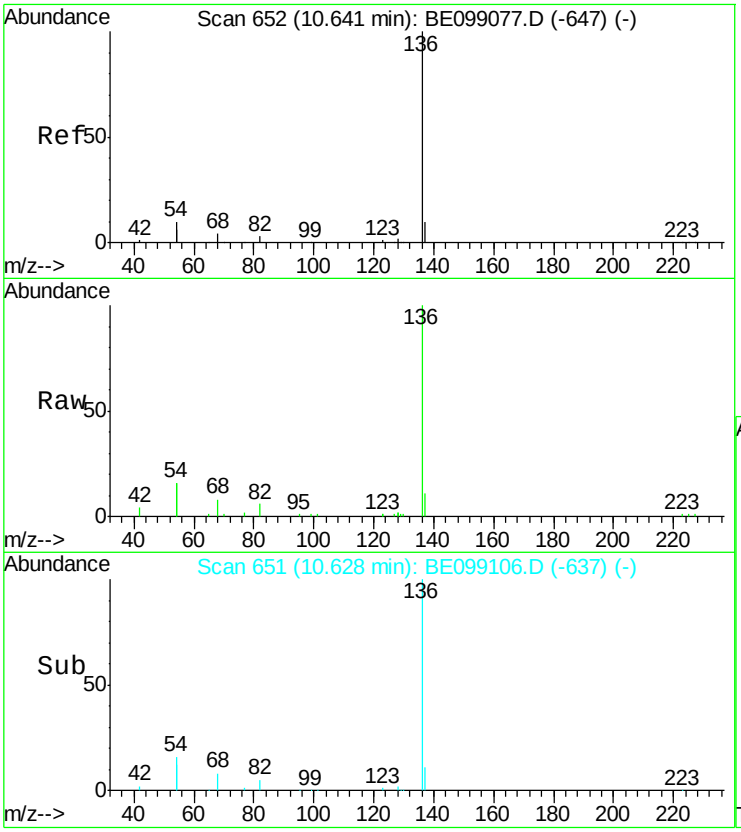


#6
bis(2-Chloroethyl)ether
Concen: 0.338 ng
RT: 7.27 min Scan# 382
Delta R.T. -0.01 min
Lab File: BE099106.D
Acq: 23 Mar 2019 11:23

Tgt Ion: 93 Resp: 5116

Ion	Ratio	Lower	Upper
93	100		
63	282.5	247.5	371.3
95	30.8	21.8	32.8



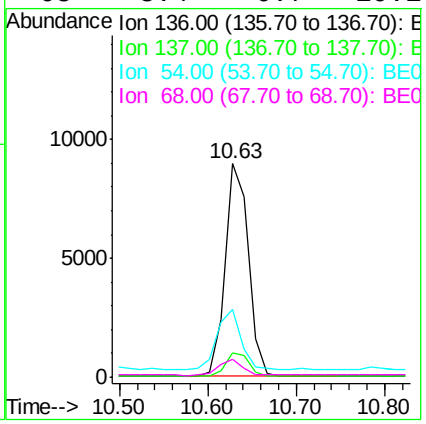


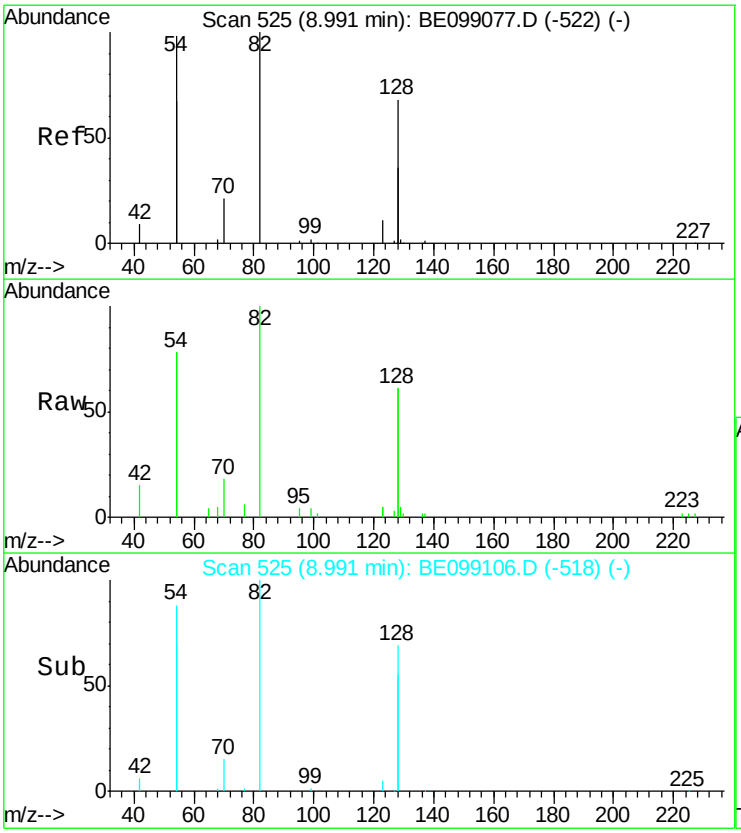
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.63 min Scan# 651
Delta R.T. -0.01 min
Lab File: BE099106.D
Acq: 23 Mar 2019 11:23

Instrument :
BNA_E
ClientSampleId :
PB118177BS

Tgt Ion:136 Resp: 16170

Ion	Ratio	Lower	Upper
136	100		
137	11.3	11.4	17.0#
54	31.9	39.3	58.9#
68	8.4	6.7	10.1

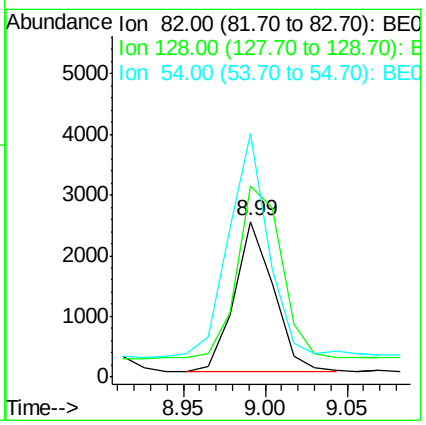


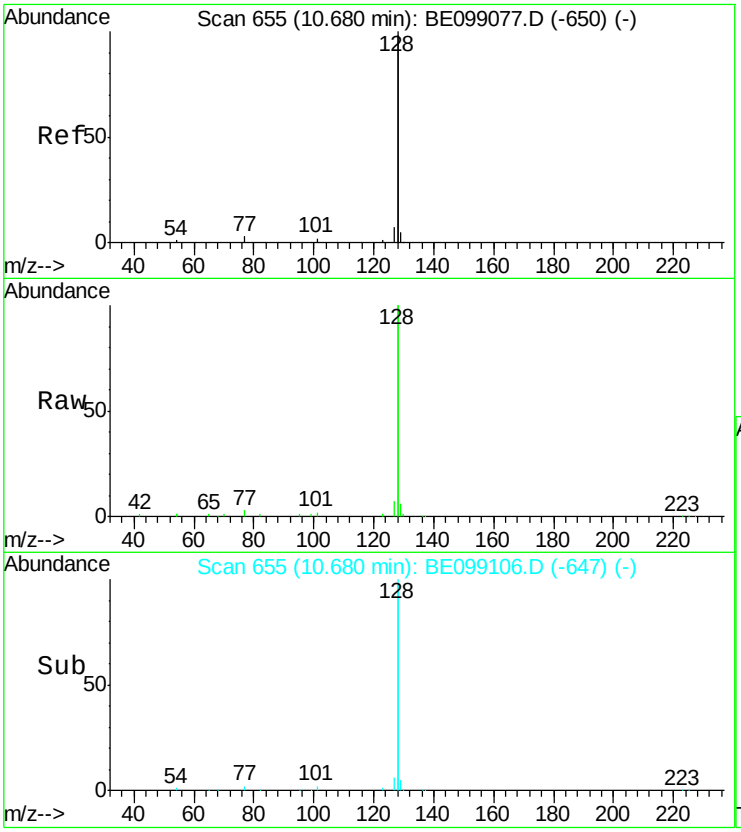


#8
Nitrobenzene-d5
Concen: 0.577 ng
RT: 8.99 min Scan# 525
Delta R.T. -0.01 min
Lab File: BE099106.D
Acq: 23 Mar 2019 11:23

Tgt Ion: 82 Resp: 4081

Ion	Ratio	Lower	Upper
82	100		
128	123.0	123.8	185.8#
54	156.7	203.4	305.2#



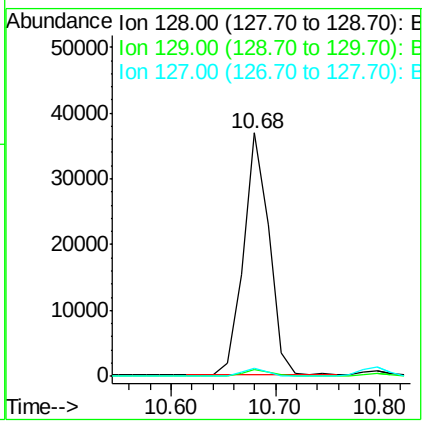


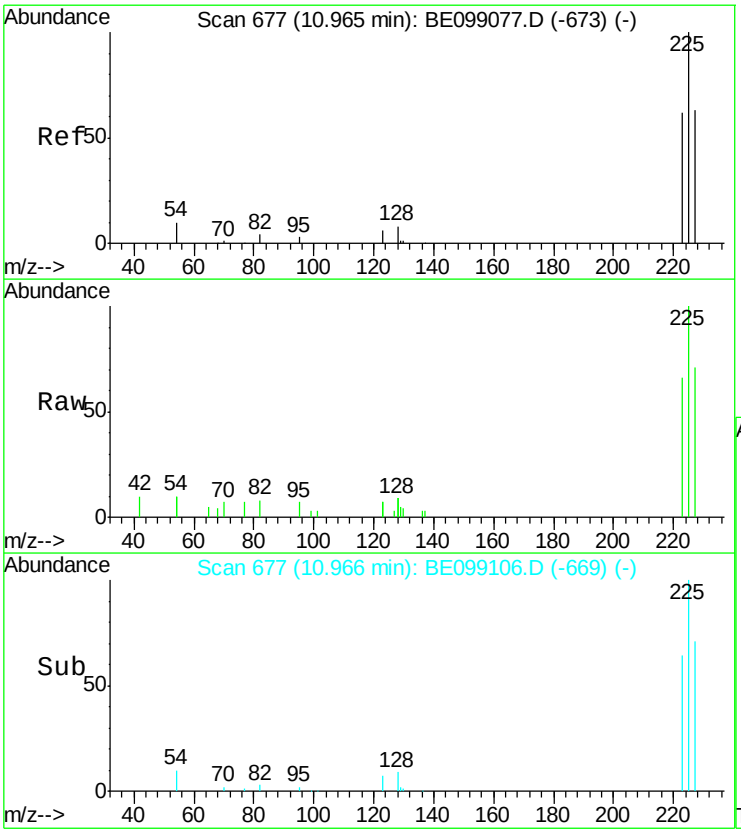
#9
Naphthalene
Concen: 0.325 ng
RT: 10.68 min Scan# 655
Delta R.T. 0.00 min
Lab File: BE099106.D
Acq: 23 Mar 2019 11:23

Instrument :
BNA_E
ClientSampleId :
PB118177BS

Tgt Ion:128 Resp: 62015

Ion	Ratio	Lower	Upper
128	100		
129	2.9	2.6	4.0
127	3.4	3.1	4.7

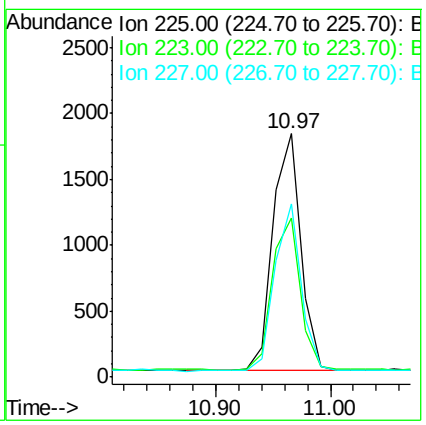


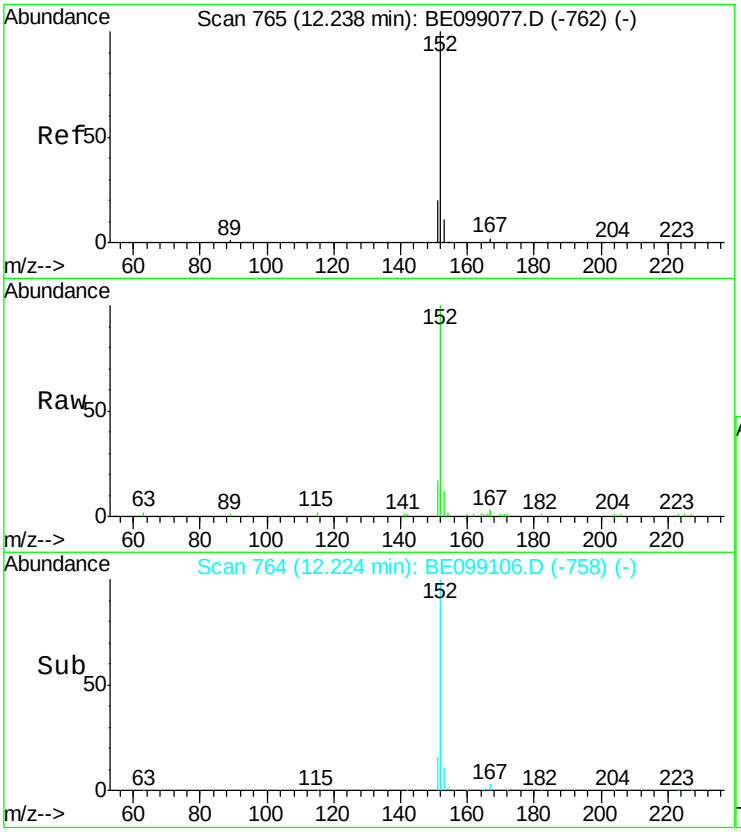


#10
Hexachlorobutadiene
Concen: 0.331 ng
RT: 10.97 min Scan# 677
Delta R.T. 0.00 min
Lab File: BE099106.D
Acq: 23 Mar 2019 11:23

Tgt Ion:225 Resp: 3089

Ion	Ratio	Lower	Upper
225	100		
223	63.9	51.1	76.7
227	67.0	51.6	77.4



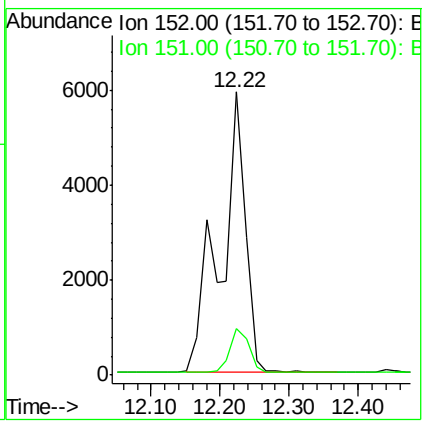


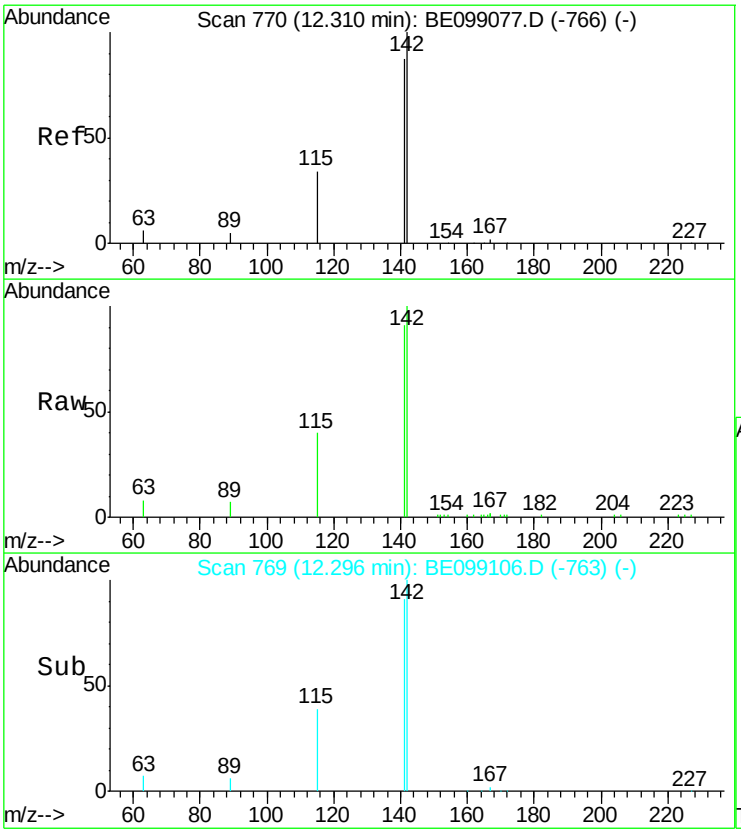
#11
2-Methylnaphthalene-d10
Concen: 0.499 ng
RT: 12.22 min Scan# 764
Delta R.T. -0.01 min
Lab File: BE099106.D
Acq: 23 Mar 2019 11:23

Instrument :
BNA_E
ClientSampleId :
PB118177BS

Tgt Ion:152 Resp: 14541

Ion	Ratio	Lower	Upper
152	100		
151	12.3	16.5	24.7#

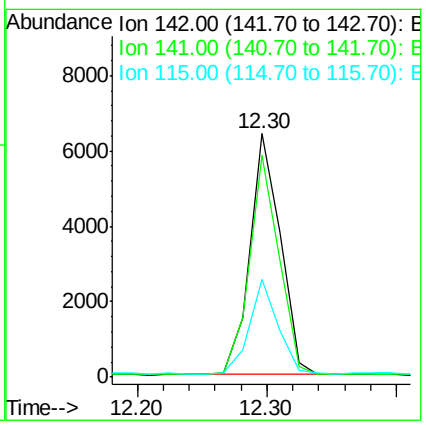


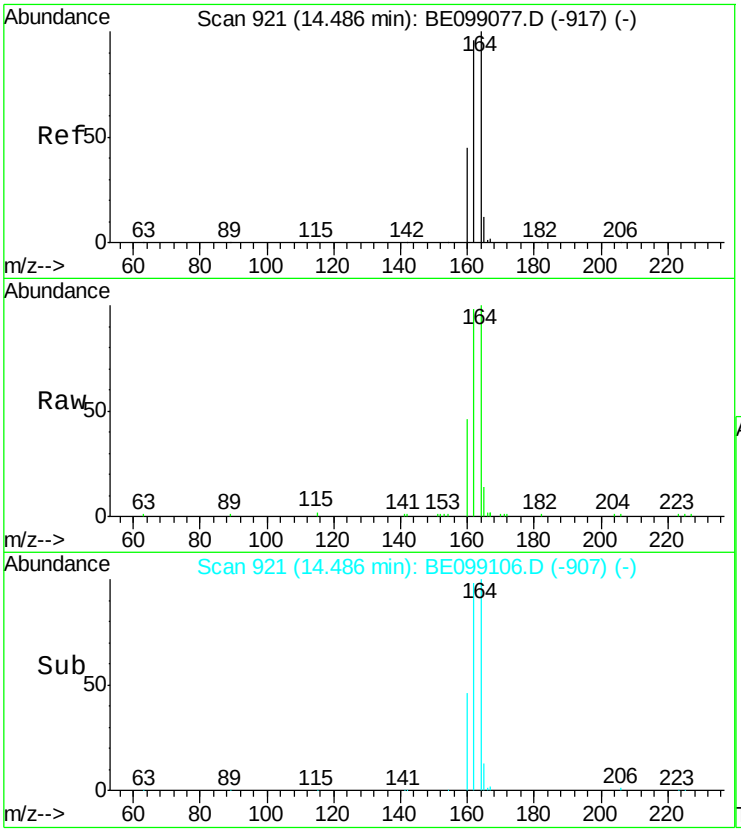


#12
2-Methylnaphthalene
Concen: 0.320 ng
RT: 12.30 min Scan# 769
Delta R.T. -0.01 min
Lab File: BE099106.D
Acq: 23 Mar 2019 11:23

Tgt Ion:142 Resp: 10441

Ion	Ratio	Lower	Upper
142	100		
141	91.3	72.6	108.8
115	39.9	37.4	56.2



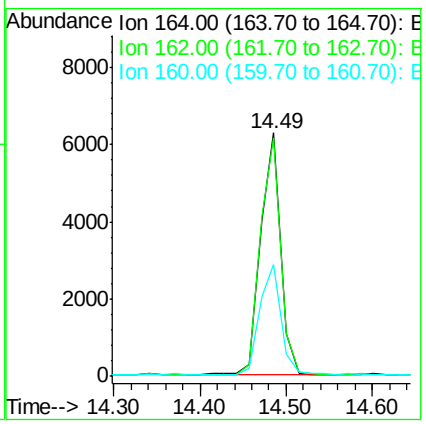


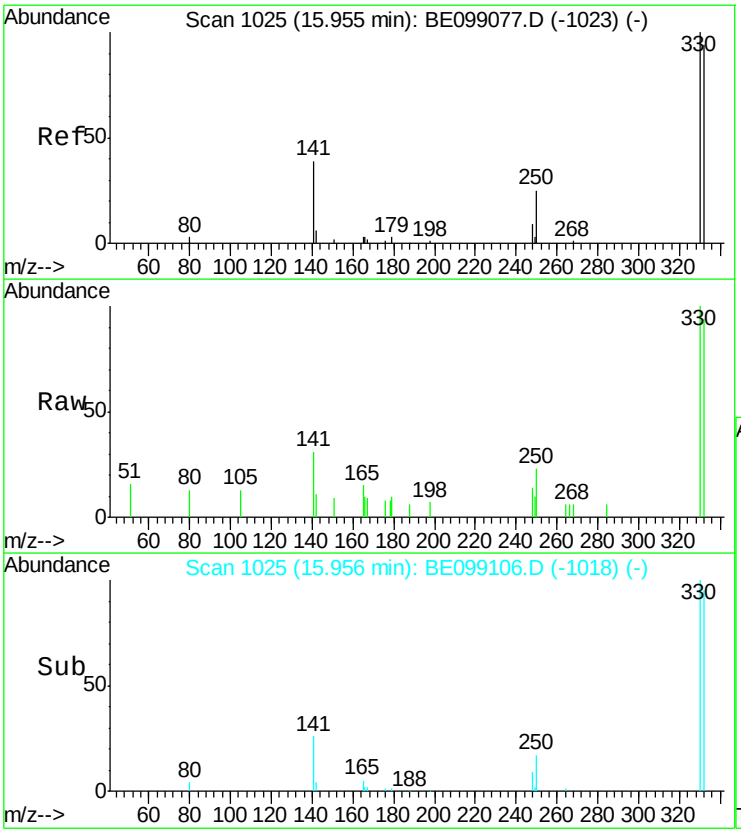
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.49 min Scan# 921
Delta R.T. -0.00 min
Lab File: BE099106.D
Acq: 23 Mar 2019 11:23

Instrument :
BNA_E
ClientSampleId :
PB118177BS

Tgt Ion:164 Resp: 10054

Ion	Ratio	Lower	Upper
164	100		
162	98.1	80.2	120.2
160	46.1	37.8	56.8

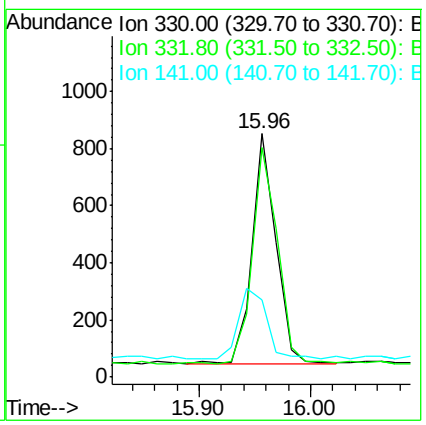


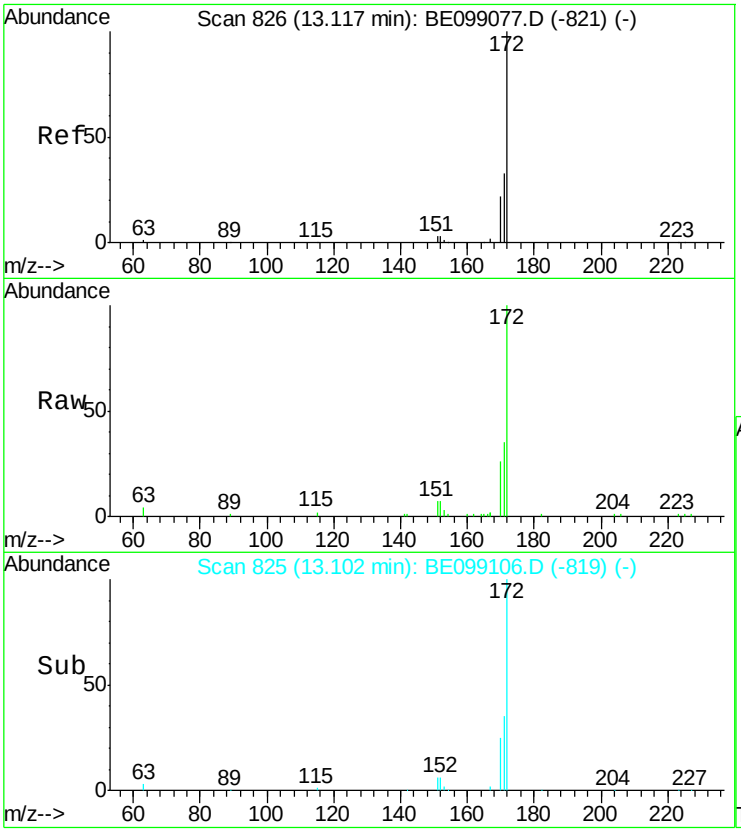


#14
2,4,6-Tribromophenol
Concen: 0.407 ng
RT: 15.96 min Scan# 1025
Delta R.T. 0.00 min
Lab File: BE099106.D
Acq: 23 Mar 2019 11:23

Tgt Ion:330 Resp: 1203

Ion	Ratio	Lower	Upper
330	100		
332	100.7	77.6	116.4
141	35.8	31.0	46.4



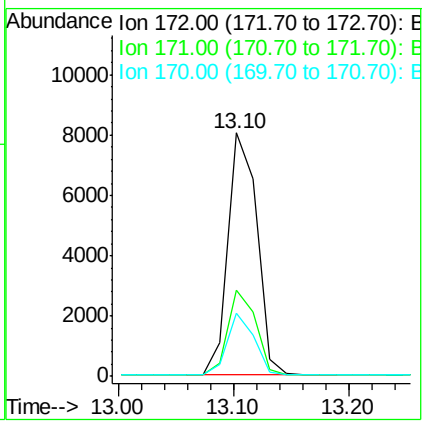


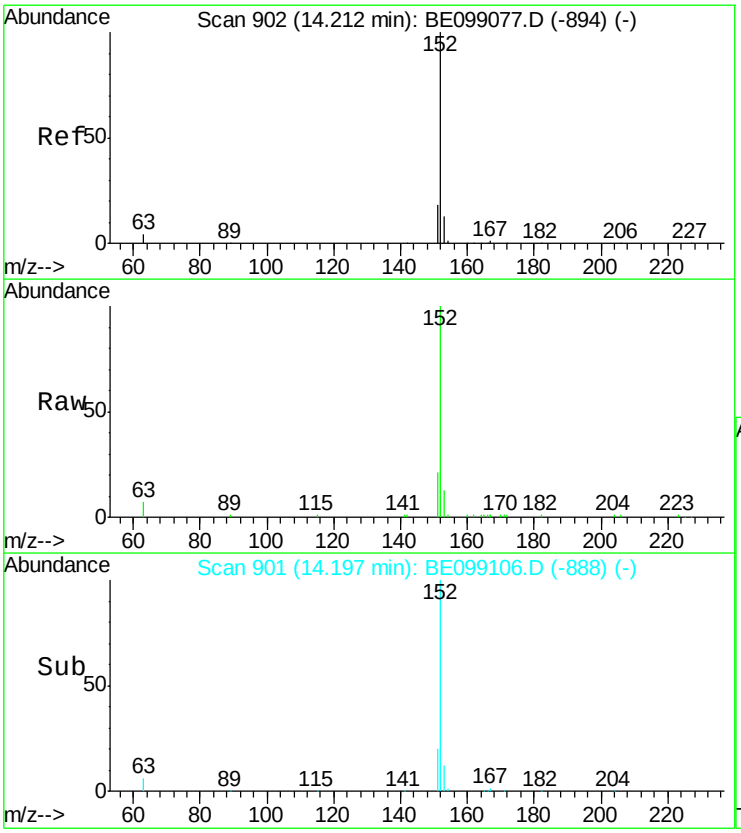
#15
2-Fluorobiphenyl
Concen: 0.350 ng
RT: 13.10 min Scan# 825
Delta R.T. -0.01 min
Lab File: BE099106.D
Acq: 23 Mar 2019 11:23

Instrument :
BNA_E
ClientSampleId :
PB118177BS

Tgt Ion:172 Resp: 13996

Ion	Ratio	Lower	Upper
172	100		
171	35.2	28.0	42.0
170	25.9	17.7	26.5

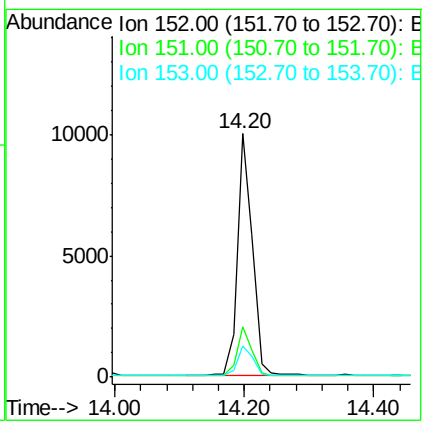


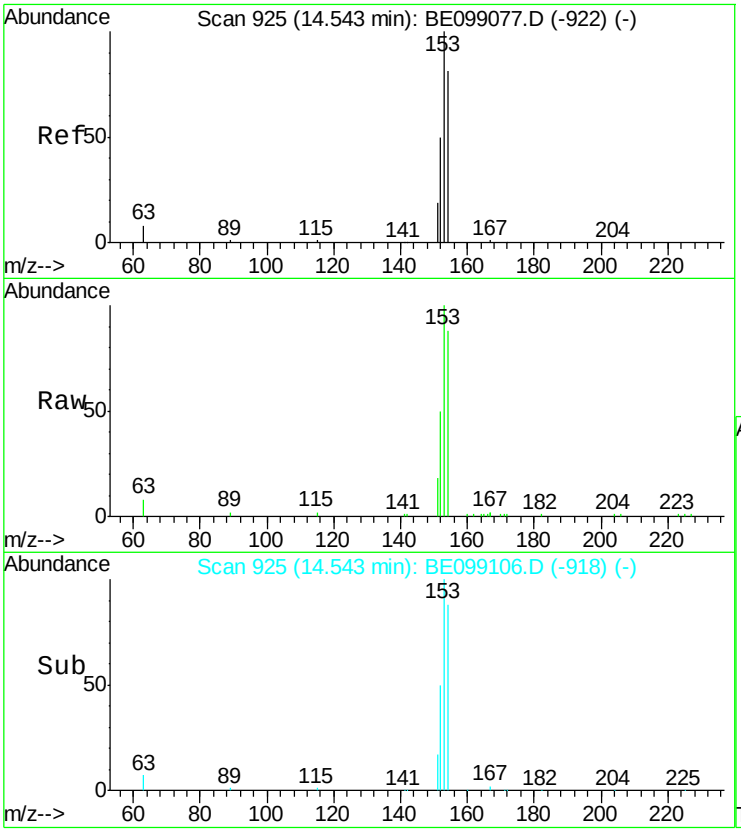


#16
Acenaphthylene
Concen: 0.297 ng
RT: 14.20 min Scan# 901
Delta R.T. -0.01 min
Lab File: BE099106.D
Acq: 23 Mar 2019 11:23

Tgt Ion:152 Resp: 15932

Ion	Ratio	Lower	Upper
152	100		
151	20.1	17.0	25.6
153	13.0	11.2	16.8



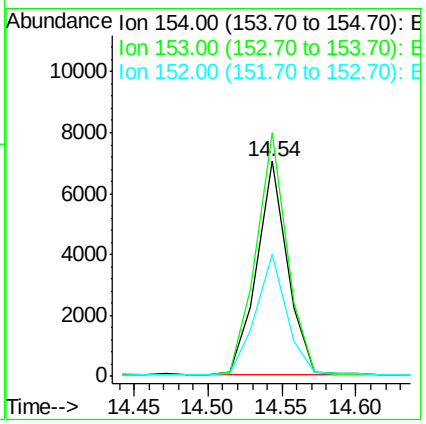


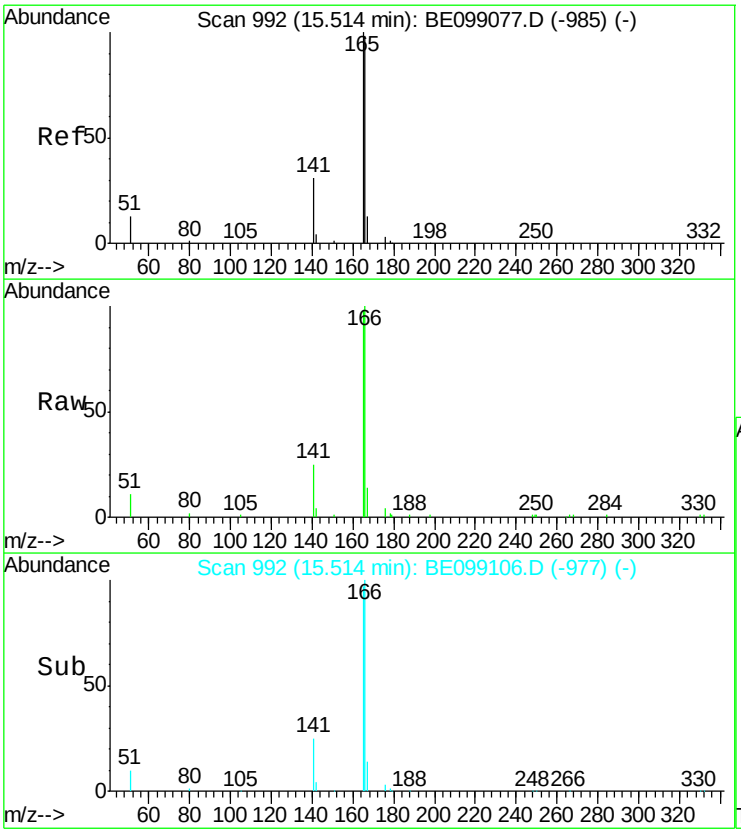
#17
Acenaphthene
Concen: 0.312 ng
RT: 14.54 min Scan# 925
Delta R.T. -0.00 min
Lab File: BE099106.D
Acq: 23 Mar 2019 11:23

Instrument :
BNA_E
ClientSampleId :
PB118177BS

Tgt Ion:154 Resp: 9934

Ion	Ratio	Lower	Upper
154	100		
153	115.7	94.2	141.4
152	57.2	45.0	67.4

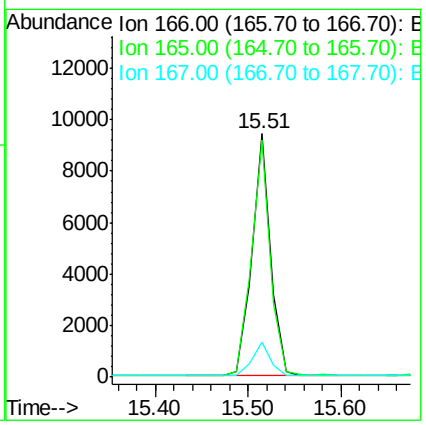


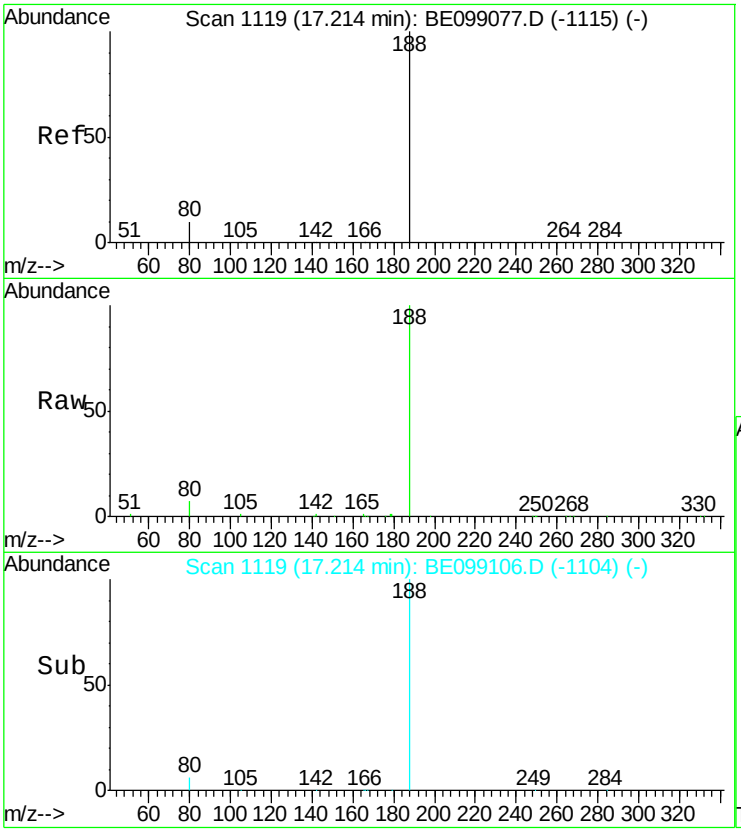


#18
Fluorene
Concen: 0.284 ng
RT: 15.51 min Scan# 992
Delta R.T. 0.00 min
Lab File: BE099106.D
Acq: 23 Mar 2019 11:23

Tgt Ion:166 Resp: 13201

Ion	Ratio	Lower	Upper
166	100		
165	98.0	79.3	118.9
167	13.7	10.5	15.7



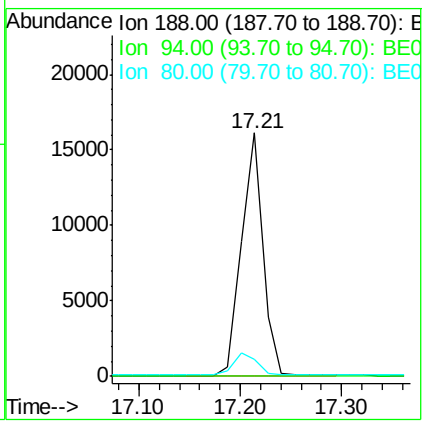


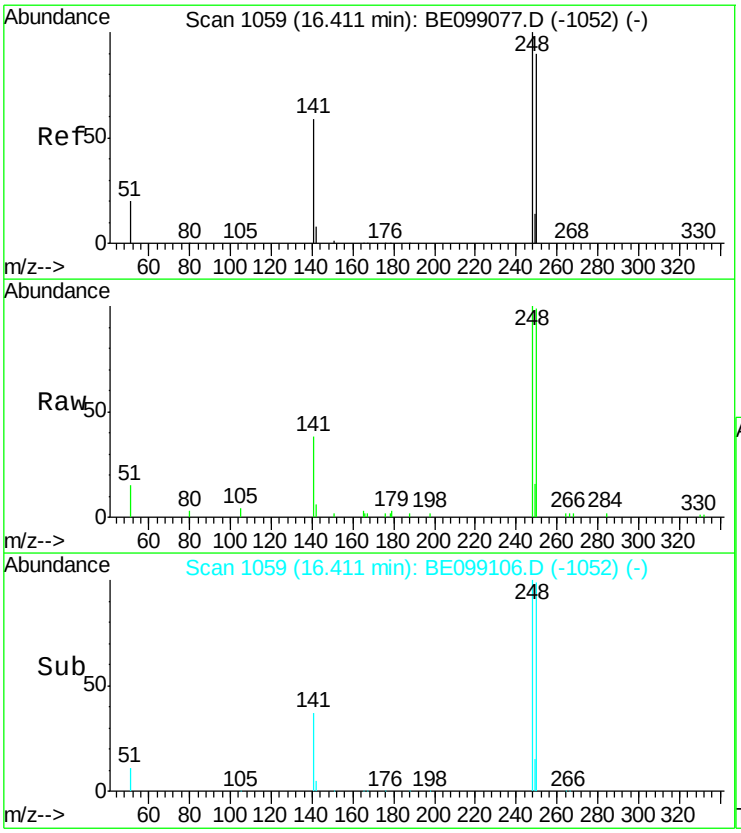
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.21 min Scan# 1119
Delta R.T. 0.00 min
Lab File: BE099106.D
Acq: 23 Mar 2019 11:23

Instrument :
BNA_E
ClientSampleId :
PB118177BS

Tgt Ion:188 Resp: 23903

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	7.0	6.3	9.5

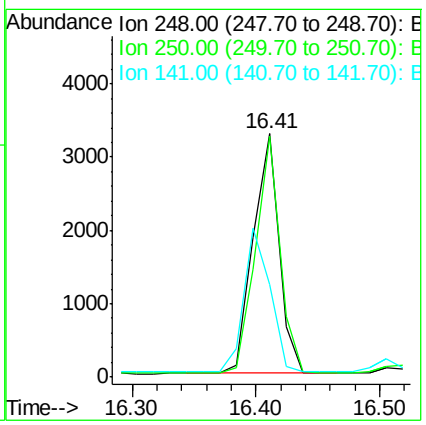


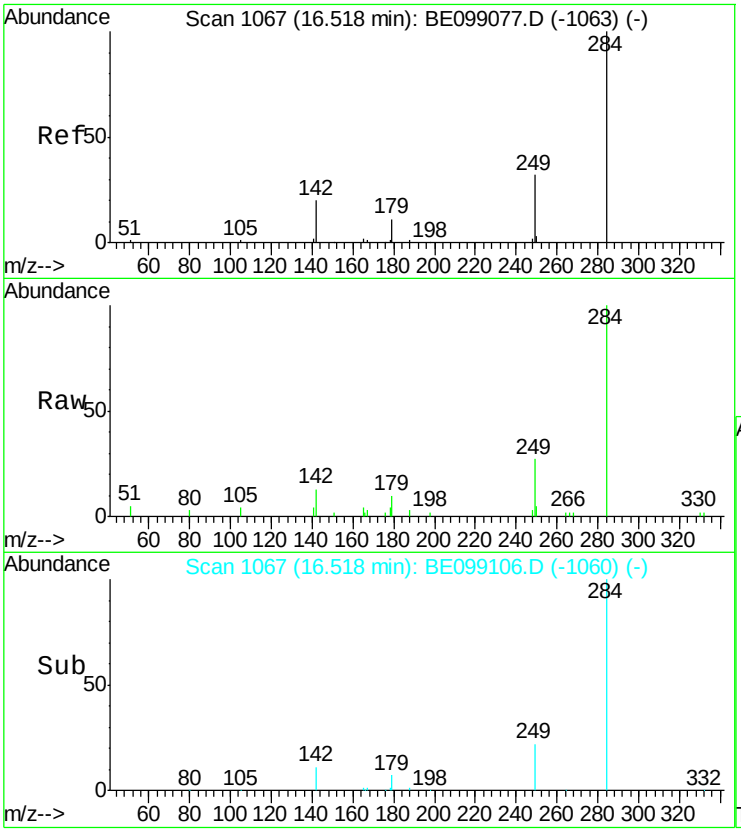


#20
4-Bromophenyl-phenylether
Concen: 0.359 ng
RT: 16.41 min Scan# 1059
Delta R.T. 0.00 min
Lab File: BE099106.D
Acq: 23 Mar 2019 11:23

Tgt Ion:248 Resp: 4753

Ion	Ratio	Lower	Upper
248	100		
250	98.9	70.6	105.8
141	38.2	68.6	102.8#



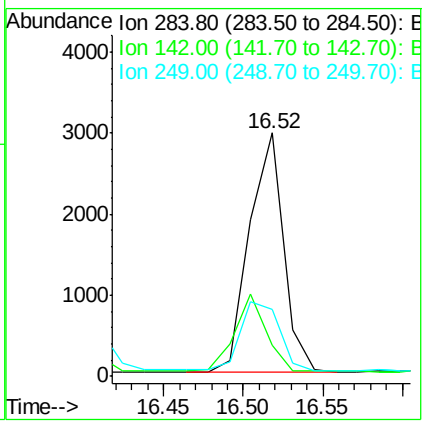


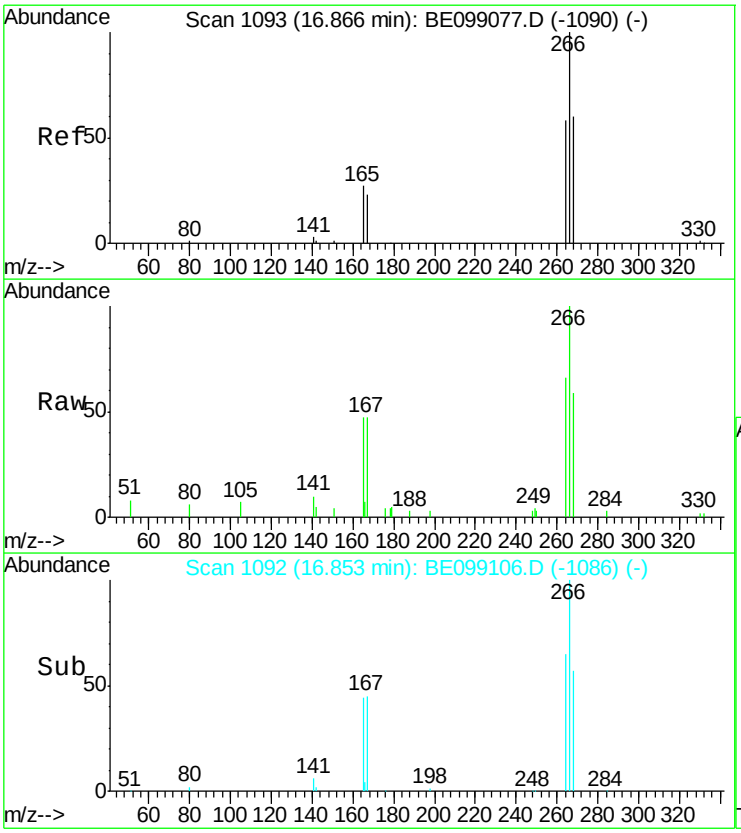
#21
Hexachlorobenzene
Concen: 0.361 ng
RT: 16.52 min Scan# 1067
Delta R.T. 0.00 min
Lab File: BE099106.D
Acq: 23 Mar 2019 11:23

Instrument :
BNA_E
ClientSampleId :
PB118177BS

Tgt Ion:284 Resp: 4441

Ion	Ratio	Lower	Upper
284	100		
142	29.5	28.7	43.1
249	32.9	29.6	44.4

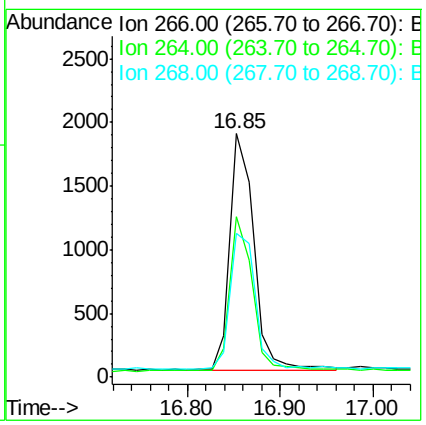


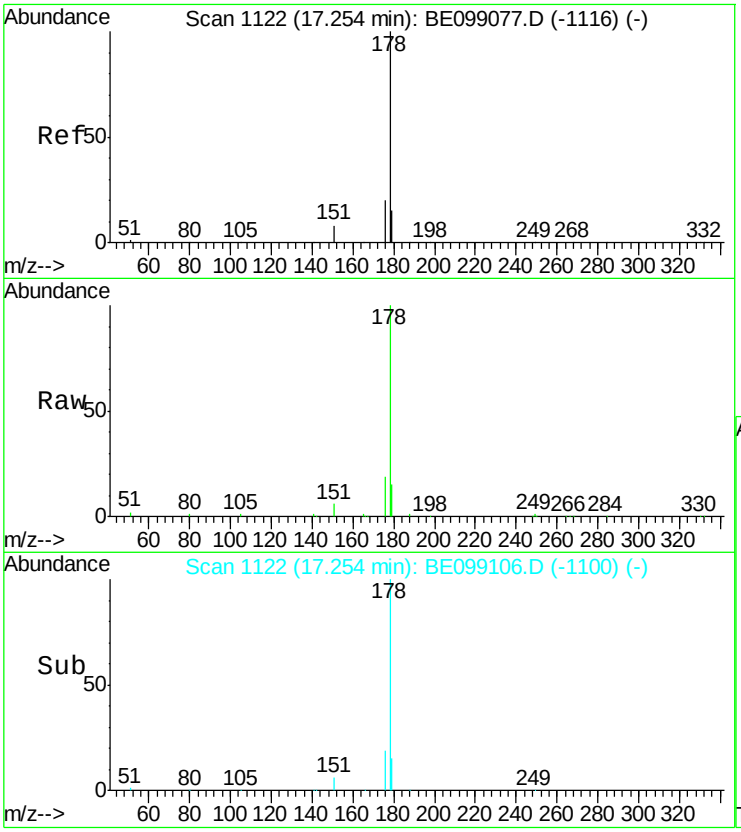


#22
Pentachlorophenol
Concen: 0.916 ng
RT: 16.85 min Scan# 1092
Delta R.T. -0.01 min
Lab File: BE099106.D
Acq: 23 Mar 2019 11:23

Tgt Ion:266 Resp: 3347

Ion	Ratio	Lower	Upper
266	100		
264	65.7	66.6	100.0#
268	58.9	69.8	104.8#



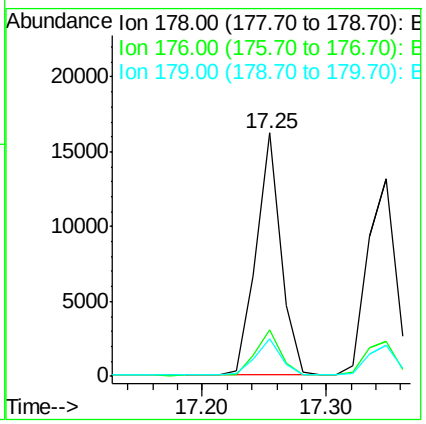


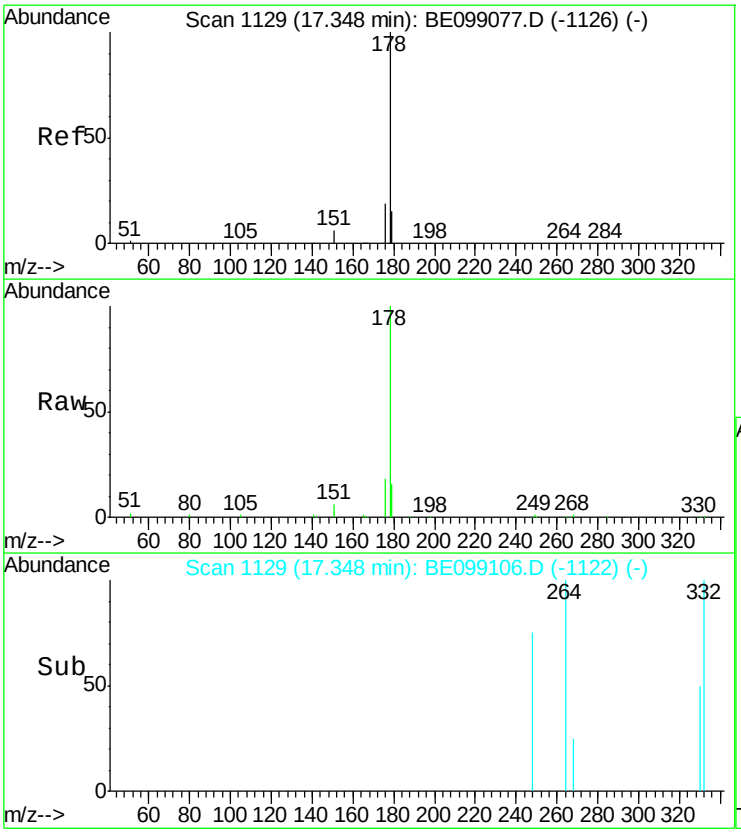
#23
Phenanthrene
Concen: 0.318 ng
RT: 17.25 min Scan# 1122
Delta R.T. 0.00 min
Lab File: BE099106.D
Acq: 23 Mar 2019 11:23

Instrument :
BNA_E
ClientSampleId :
PB118177BS

Tgt Ion:178 Resp: 22562

Ion	Ratio	Lower	Upper
178	100		
176	18.7	16.0	24.0
179	15.9	12.1	18.1

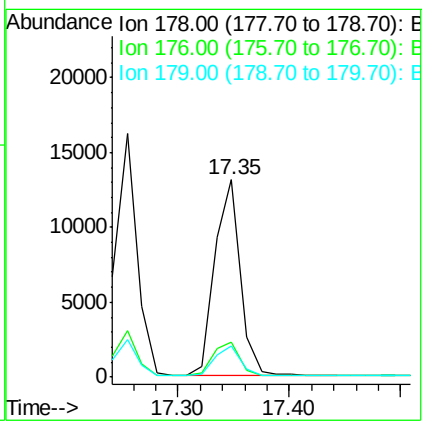


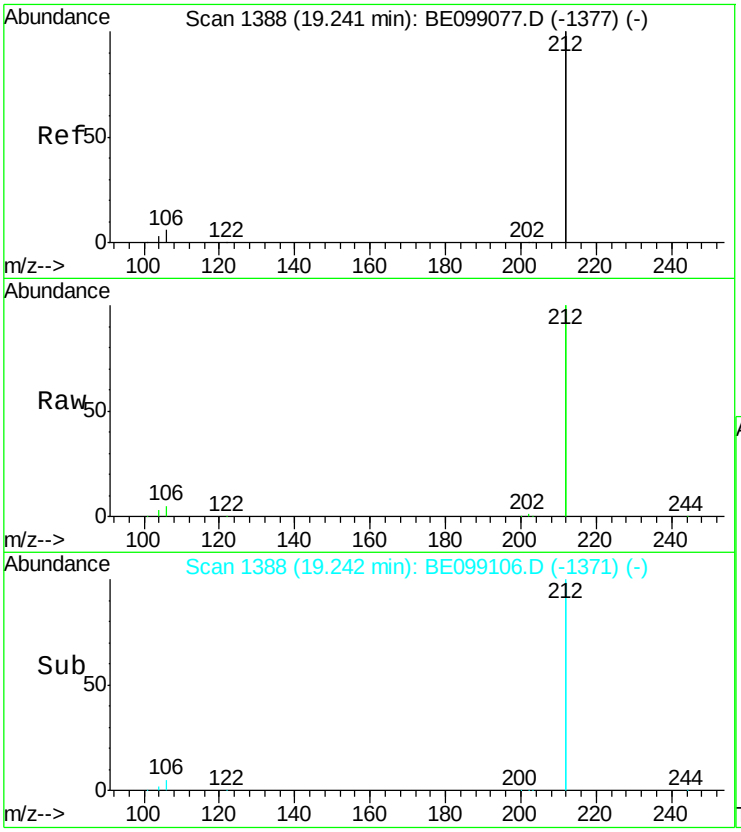


#24
Anthracene
Concen: 0.311 ng
RT: 17.35 min Scan# 1129
Delta R.T. 0.00 min
Lab File: BE099106.D
Acq: 23 Mar 2019 11:23

Tgt Ion:178 Resp: 20889

Ion	Ratio	Lower	Upper
178	100		
176	18.4	15.4	23.0
179	15.0	12.2	18.4



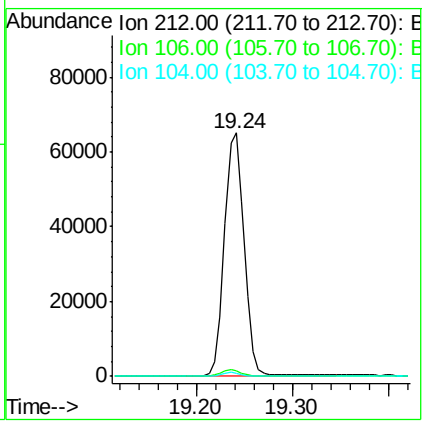


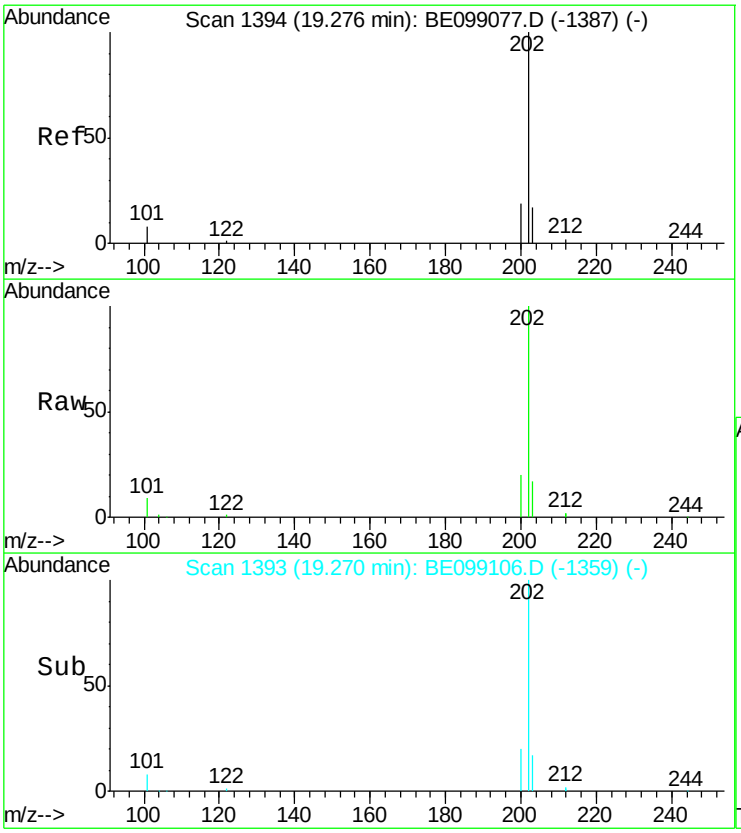
#25
Fluoranthene-d10
Concen: 0.287 ng
RT: 19.24 min Scan# 1388
Delta R.T. 0.00 min
Lab File: BE099106.D
Acq: 23 Mar 2019 11:23

Instrument :
BNA_E
ClientSampleId :
PB118177BS

Tgt Ion:212 Resp: 91639

Ion	Ratio	Lower	Upper
212	100		
106	2.6	1.8	2.8
104	1.5	1.0	1.6

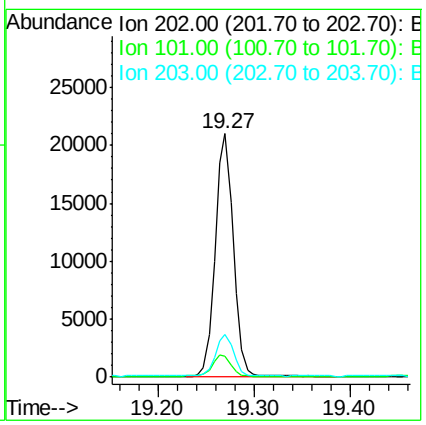


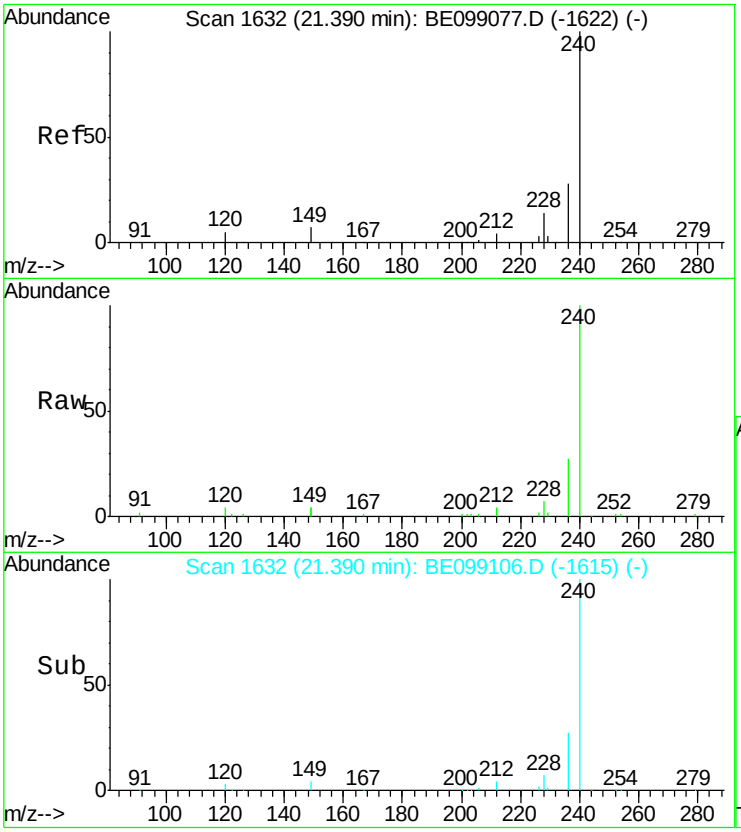


#26
Fluoranthene
Concen: 0.274 ng
RT: 19.27 min Scan# 1393
Delta R.T. -0.01 min
Lab File: BE099106.D
Acq: 23 Mar 2019 11:23

Tgt Ion:202 Resp: 27381

Ion	Ratio	Lower	Upper
202	100		
101	9.2	7.3	10.9
203	17.2	13.4	20.2



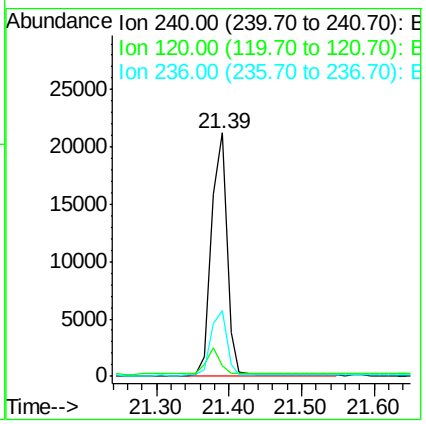


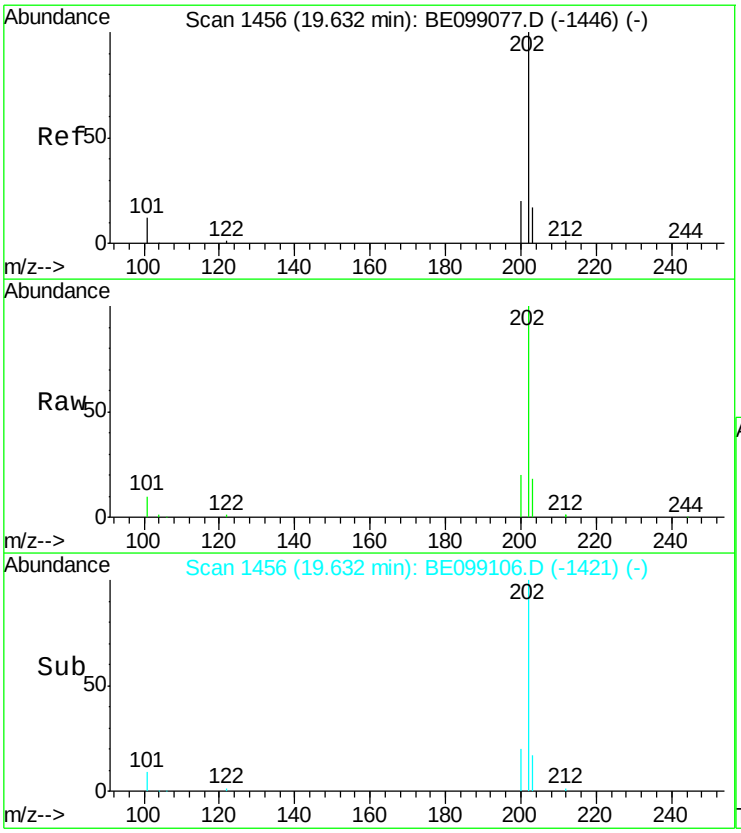
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.39 min Scan# 1632
Delta R.T. -0.00 min
Lab File: BE099106.D
Acq: 23 Mar 2019 11:23

Instrument :
BNA_E
ClientSampleId :
PB118177BS

Tgt Ion:240 Resp: 31528

Ion	Ratio	Lower	Upper
240	100		
120	4.1	5.0	7.4#
236	27.0	22.7	34.1

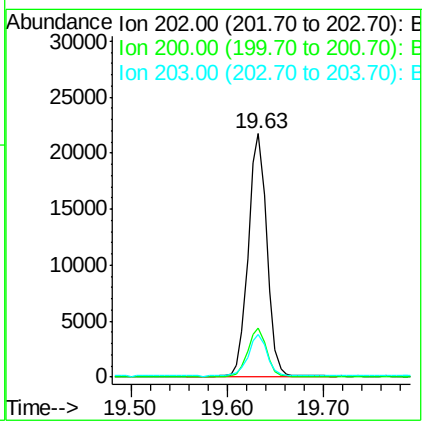


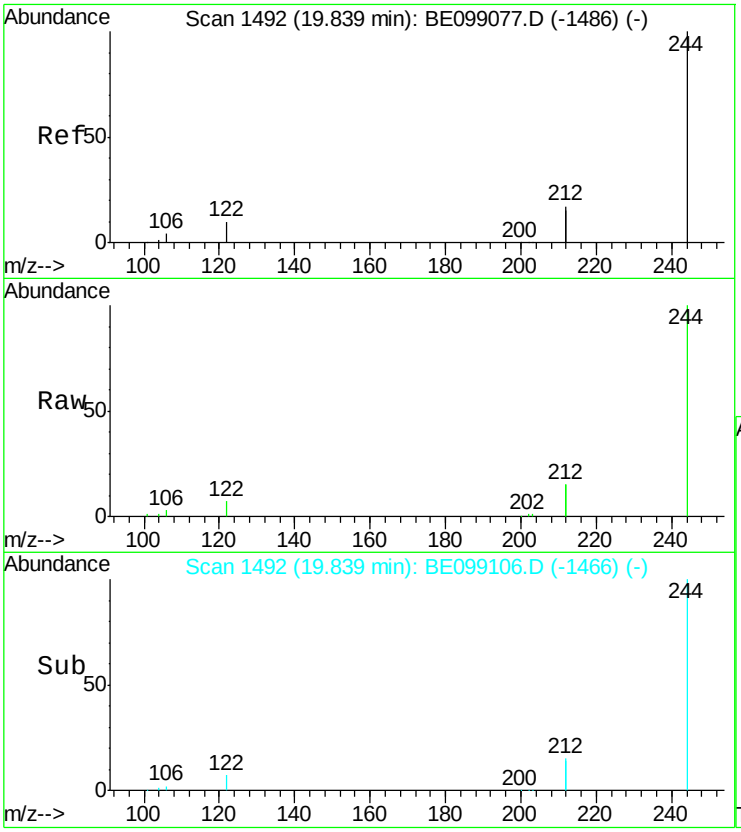


#28
Pyrene
Concen: 0.271 ng
RT: 19.63 min Scan# 1456
Delta R.T. 0.00 min
Lab File: BE099106.D
Acq: 23 Mar 2019 11:23

Tgt Ion:202 Resp: 28980

Ion	Ratio	Lower	Upper
202	100		
200	20.1	17.0	25.6
203	17.7	14.2	21.2



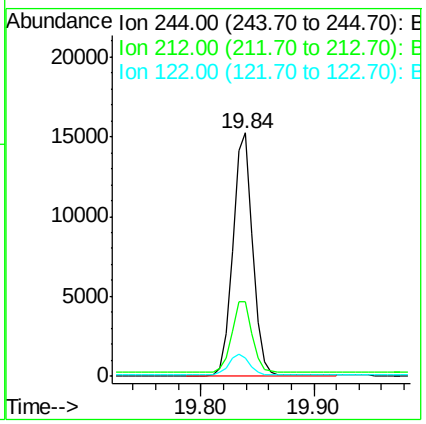


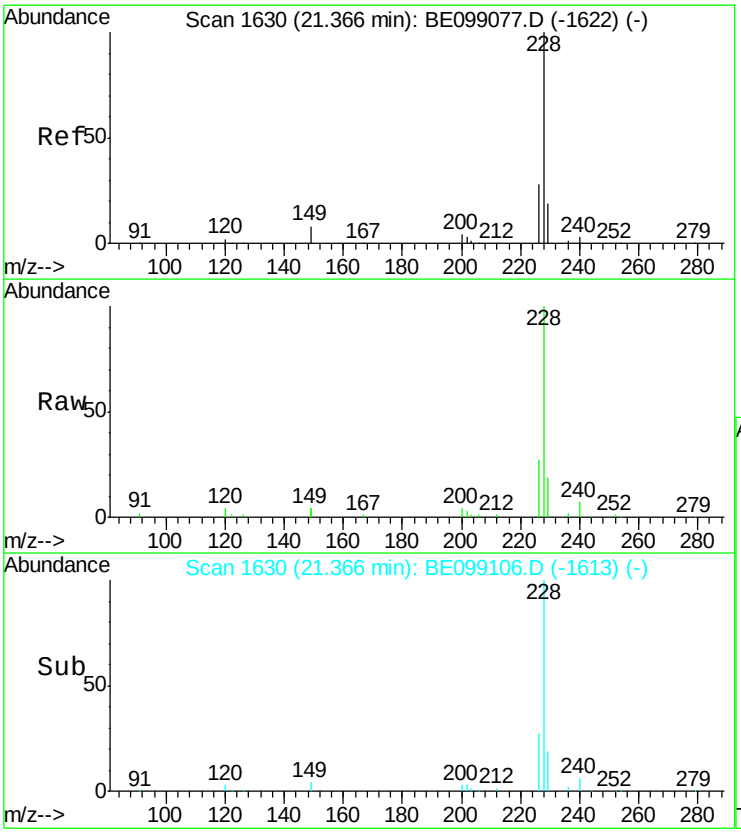
#29
Terphenyl-d14
Concen: 0.278 ng
RT: 19.84 min Scan# 1492
Delta R.T. 0.00 min
Lab File: BE099106.D
Acq: 23 Mar 2019 11:23

Instrument :
BNA_E
ClientSampleId :
PB118177BS

Tgt Ion:244 Resp: 18543

Ion	Ratio	Lower	Upper
244	100		
212	30.5	29.4	44.2
122	7.3	7.1	10.7

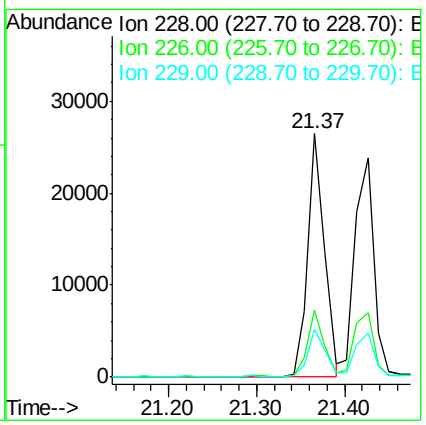


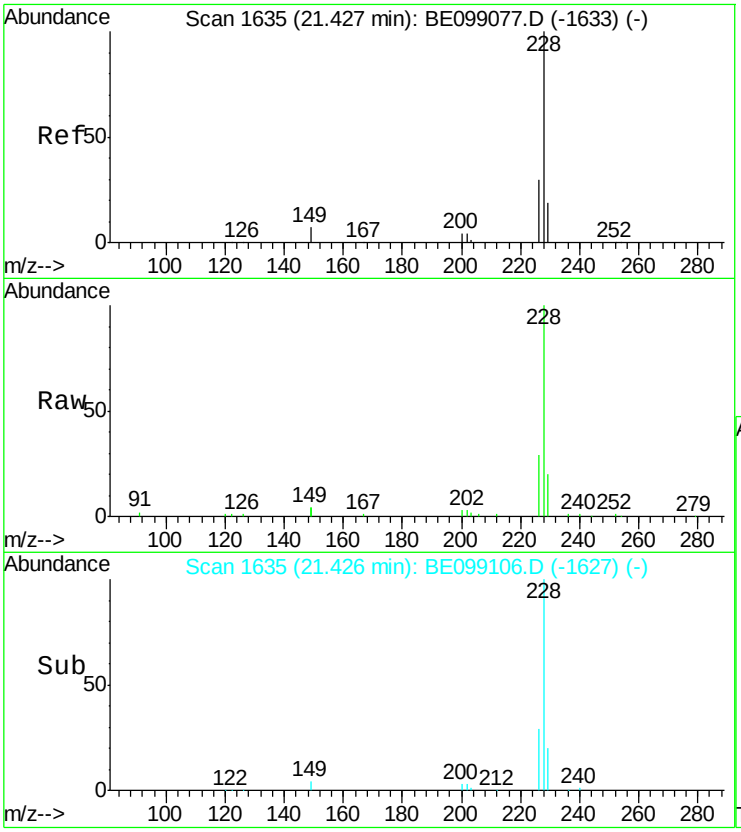


#30
Benzo(a)anthracene
Concen: 0.319 ng
RT: 21.37 min Scan# 1630
Delta R.T. -0.00 min
Lab File: BE099106.D
Acq: 23 Mar 2019 11:23

Tgt Ion:228 Resp: 35478

Ion	Ratio	Lower	Upper
228	100		
226	27.3	23.0	34.4
229	19.4	16.5	24.7



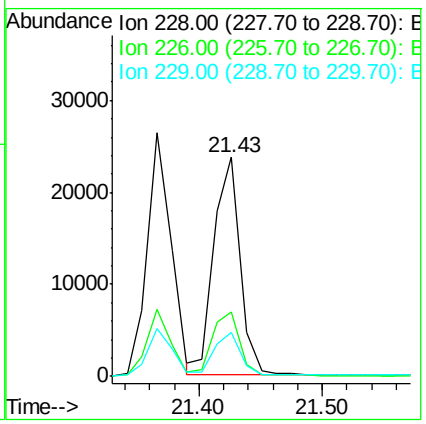


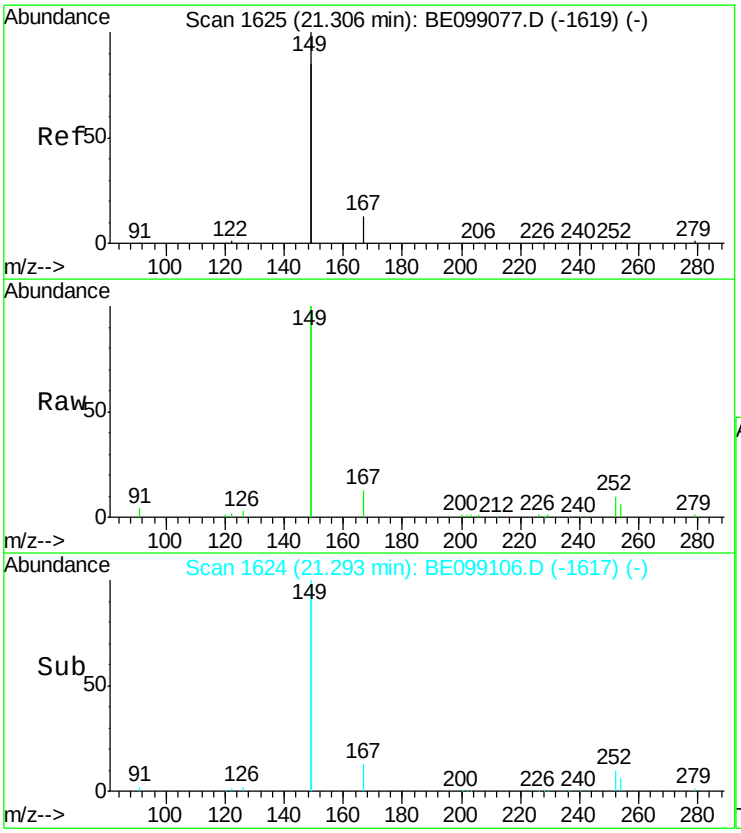
#31
Chrysene
Concen: 0.318 ng
RT: 21.43 min Scan# 1635
Delta R.T. -0.00 min
Lab File: BE099106.D
Acq: 23 Mar 2019 11:23

Instrument :
BNA_E
ClientSampleId :
PB118177BS

Tgt Ion:228 Resp: 35242

Ion	Ratio	Lower	Upper
228	100		
226	29.5	23.7	35.5
229	20.3	16.1	24.1

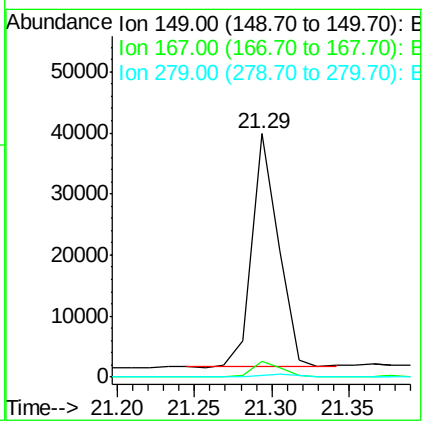


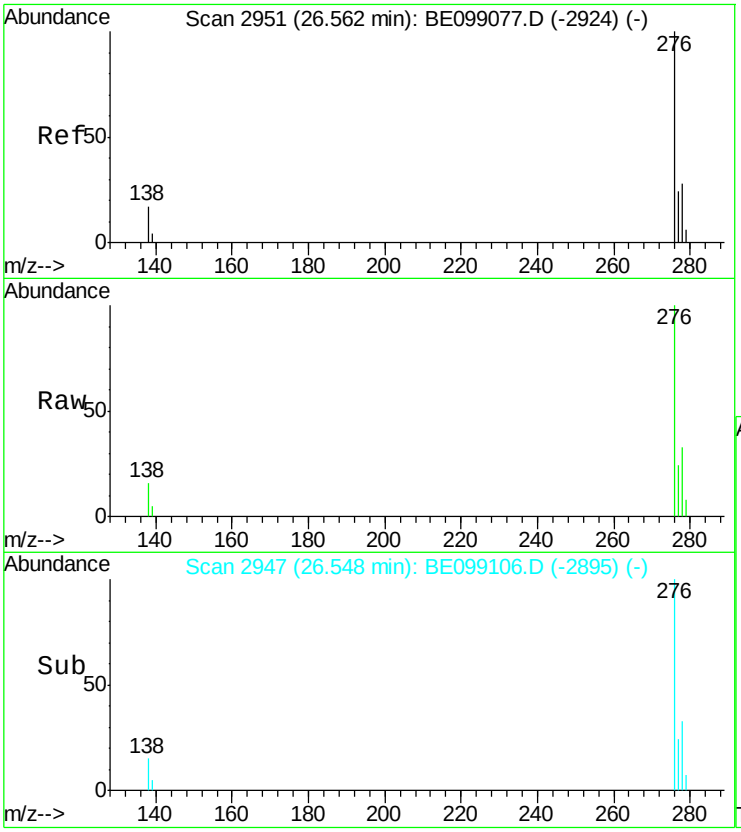


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.318 ng
RT: 21.29 min Scan# 1624
Delta R.T. -0.01 min
Lab File: BE099106.D
Acq: 23 Mar 2019 11:23

Tgt Ion:149 Resp: 45869

Ion	Ratio	Lower	Upper
149	100		
167	6.9	5.4	8.0
279	1.2	1.0	1.4



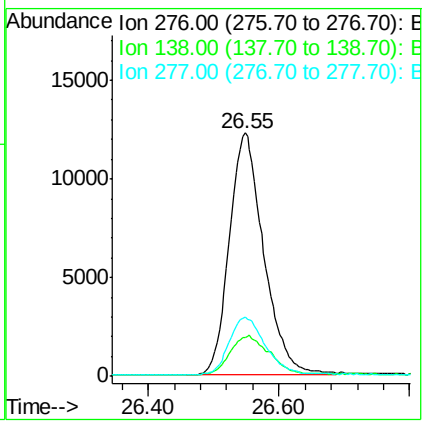


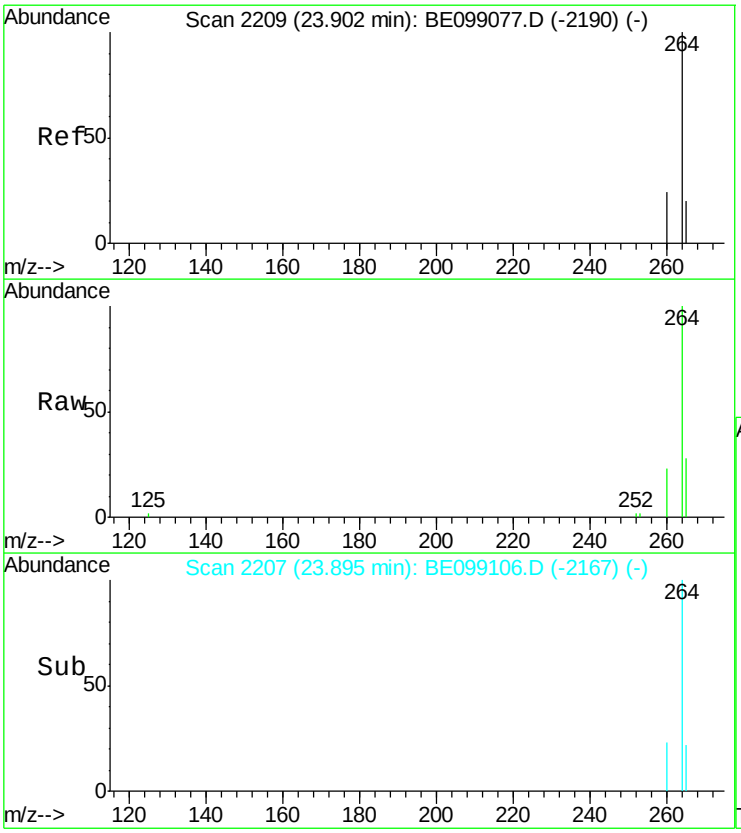
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.377 ng
RT: 26.55 min Scan# 2947
Delta R.T. -0.01 min
Lab File: BE099106.D
Acq: 23 Mar 2019 11:23

Instrument :
BNA_E
ClientSampleId :
PB118177BS

Tgt Ion:276 Resp: 45022

Ion	Ratio	Lower	Upper
276	100		
138	18.2	13.8	20.8
277	24.8	19.5	29.3

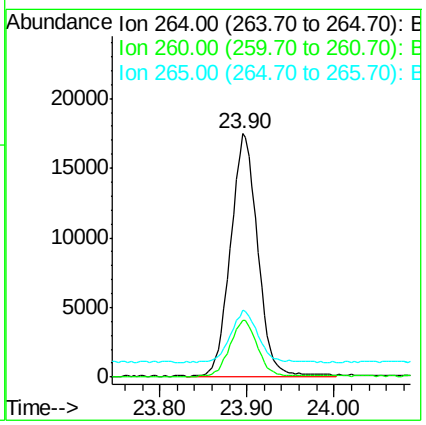


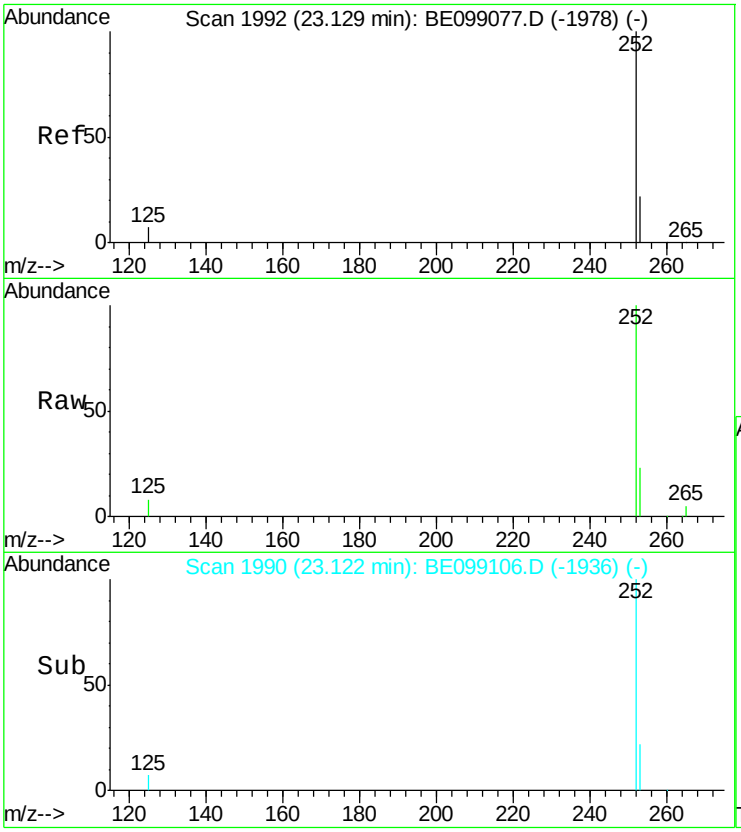


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.90 min Scan# 2207
Delta R.T. -0.01 min
Lab File: BE099106.D
Acq: 23 Mar 2019 11:23

Tgt Ion:264 Resp: 37507

Ion	Ratio	Lower	Upper
264	100		
260	23.5	21.2	31.8
265	27.7	24.6	36.8



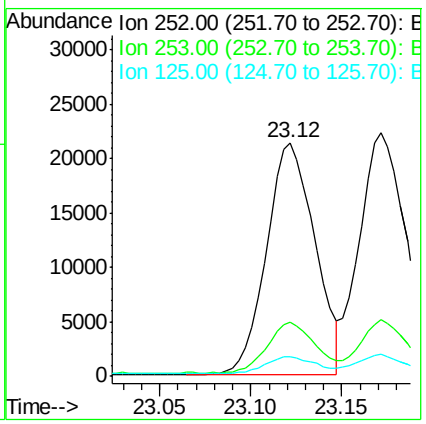


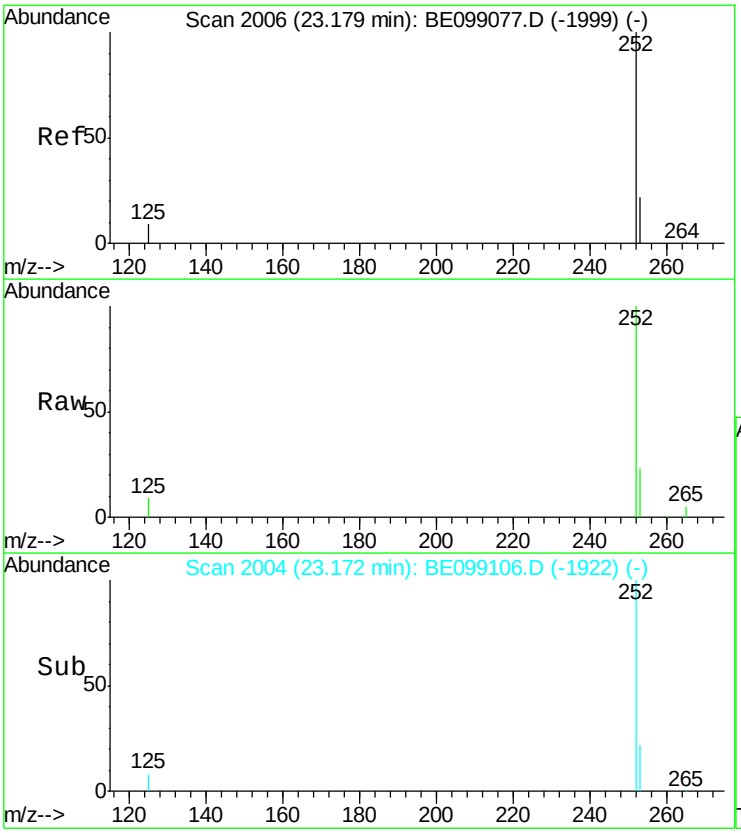
#35
Benzo(b)fluoranthene
Concen: 0.301 ng
RT: 23.12 min Scan# 1990
Delta R.T. -0.01 min
Lab File: BE099106.D
Acq: 23 Mar 2019 11:23

Instrument :
BNA_E
ClientSampleId :
PB118177BS

Tgt Ion:252 Resp: 39111

Ion	Ratio	Lower	Upper
252	100		
253	23.4	18.2	27.2
125	8.2	7.3	10.9

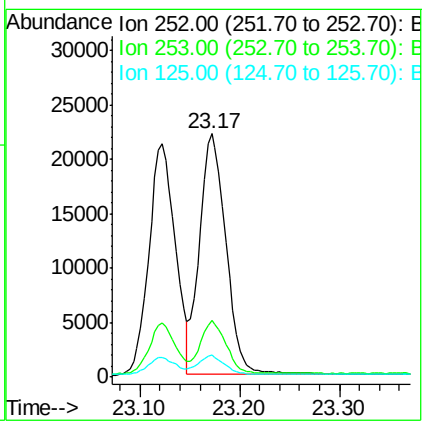


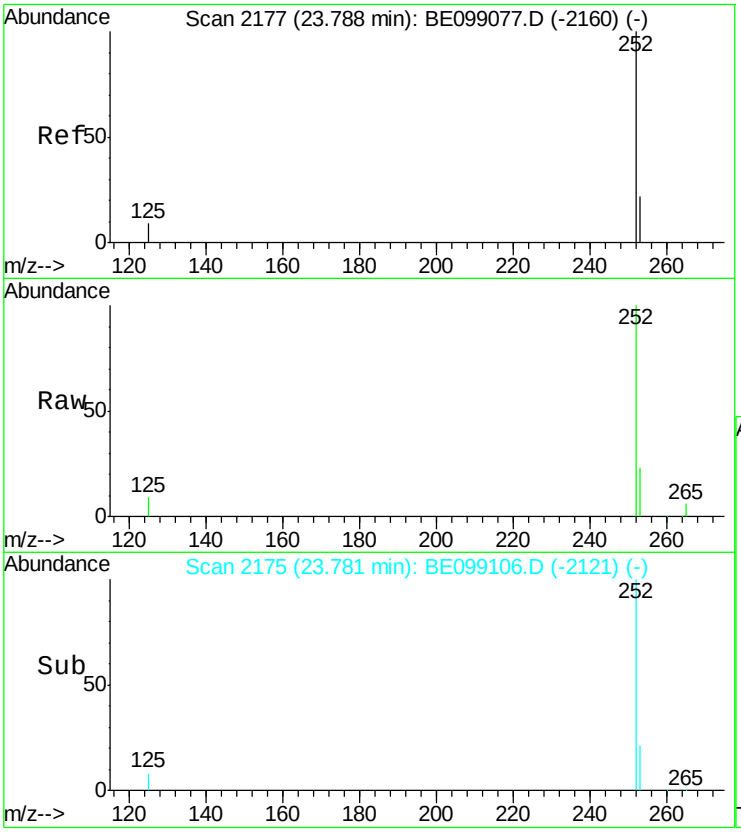


#36
Benzo(k)fluoranthene
Concen: 0.321 ng
RT: 23.17 min Scan# 2004
Delta R.T. -0.01 min
Lab File: BE099106.D
Acq: 23 Mar 2019 11:23

Tgt Ion:252 Resp: 40767

Ion	Ratio	Lower	Upper
252	100		
253	23.2	19.3	28.9
125	8.9	7.5	11.3



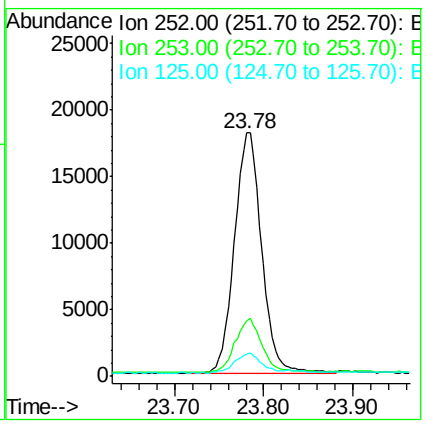


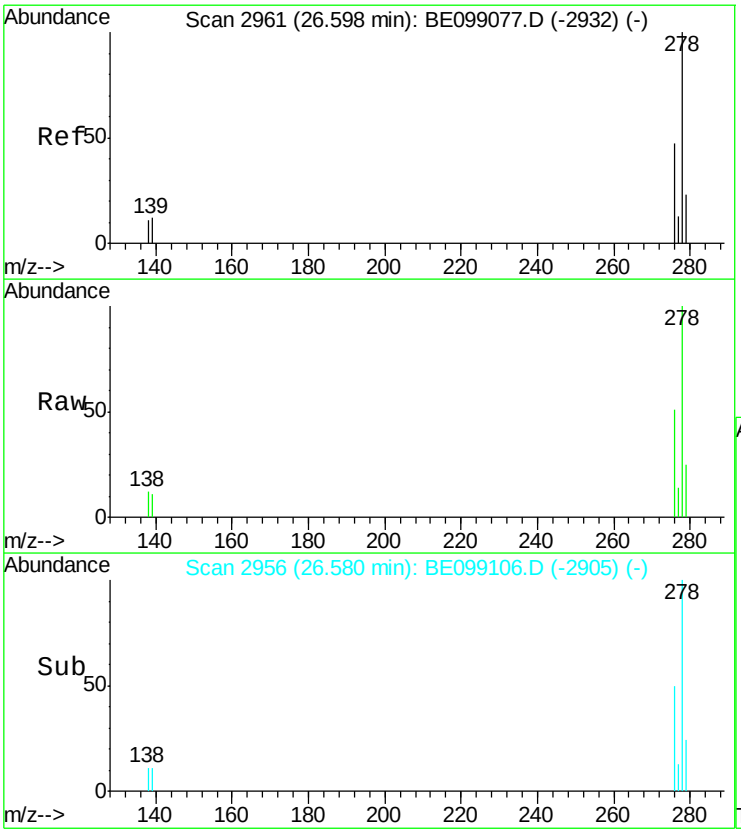
#37
Benzo(a)pyrene
Concen: 0.320 ng
RT: 23.78 min Scan# 2175
Delta R.T. -0.01 min
Lab File: BE099106.D
Acq: 23 Mar 2019 11:23

Instrument :
BNA_E
ClientSampleId :
PB118177BS

Tgt Ion:252 Resp: 38430

Ion	Ratio	Lower	Upper
252	100		
253	22.9	19.9	29.9
125	9.0	9.0	13.4

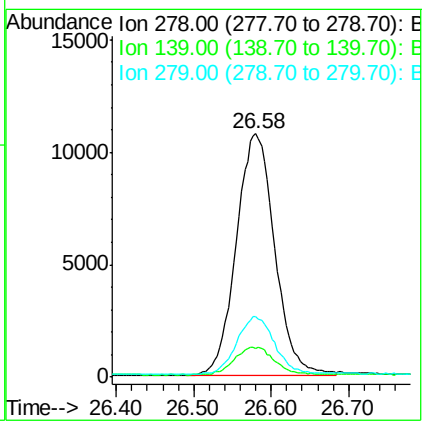


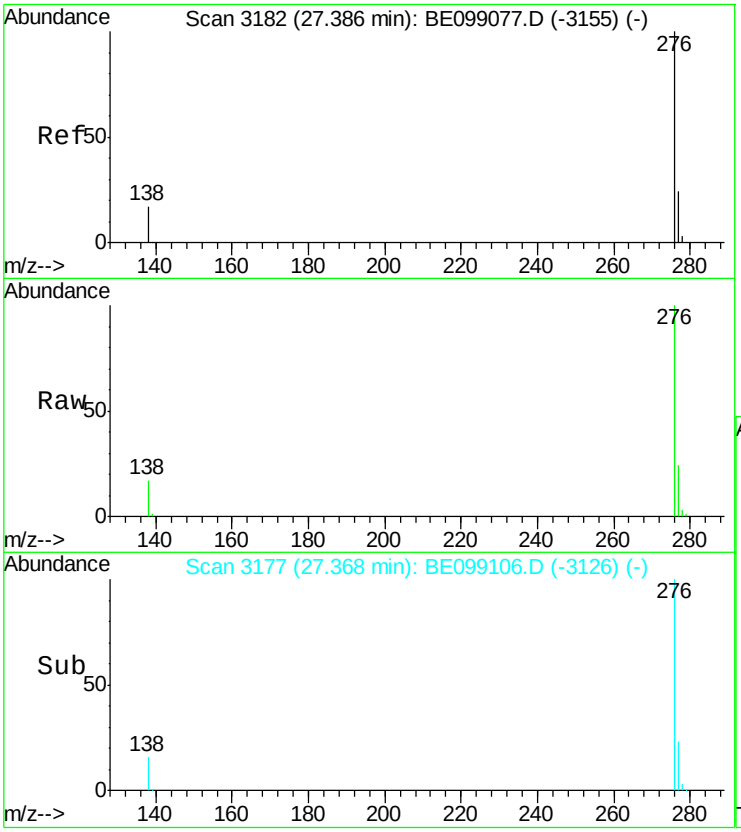


#38
Dibenzo(a,h)anthracene
Concen: 0.319 ng
RT: 26.58 min Scan# 2956
Delta R.T. -0.02 min
Lab File: BE099106.D
Acq: 23 Mar 2019 11:23

Tgt Ion:278 Resp: 37157

Ion	Ratio	Lower	Upper
278	100		
139	11.5	11.8	17.6#
279	24.7	21.1	31.7





#39
Benzo(g,h,i)perylene
Concen: 0.320 ng
RT: 27.37 min Scan# 3177
Delta R.T. -0.02 min
Lab File: BE099106.D
Acq: 23 Mar 2019 11:23

Instrument :
BNA_E
ClientSampleId :
PB118177BS

Tgt Ion:276 Resp: 38280

Ion	Ratio	Lower	Upper
276	100		
277	24.1	20.4	30.6
138	17.3	13.6	20.4