Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE121417\
Data File : BE094993.D
Acq On : 15 Dec 2017 00:56
Operator : SJ/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : SSTDCCC0.4EC

Quant Time: Dec 15 08:14:23 2017
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE121417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 14 18:42:53 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.47	152	6090	0.40	ng		0.00
7) Naphthalene-d8	11.33	136	14412	0.40	ng		0.00
13) Acenaphthene-d10	15.06	164	8575	0.40	ng		0.00
19) Phenanthrene-d10	17.77	188	20461	0.40	ng		0.00
27) Chrysene-d12	21.87	240	24548	0.40	ng		0.00
34) Perylene-d12	24.54	264	19985	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.95	112	4273	0.45	ng		0.00
5) Phenol-d6	7.59	99	6549	0.47	ng		0.00
8) Nitrobenzene-d5	9.65	82	5495	0.46	ng		0.00
11) 2-Methylnaphthalene-d10	12.86	152	9553	0.40	ng		0.00
14) 2,4,6-Tribromophenol	16.53	330	1248	0.63	ng		0.00
15) 2-Fluorobiphenyl	13.70	172	14630	0.39	ng		0.00
25) Fluoranthene-d10	19.75	212	111048	0.42	ng		0.00
29) Terphenyl-d14	20.31	244	18863	0.41	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.66	88	2462	0.410	ng	#	89
3) n-Nitrosodimethylamine	4.02	42	3173	0.447	ng	#	89
6) bis(2-Chloroethyl)ether	7.87	93	5694	0.415	ng		95
9) Naphthalene	11.38	128	67221	0.397	ng		99
10) Hexachlorobutadiene	11.64	225	3091	0.402	ng		98
12) 2-Methylnaphthalene	12.93	142	16916	0.401	ng		98
16) Acenaphthylene	14.79	152	18400	0.401	ng		99
17) Acenaphthene	15.12	154	12236	0.402	ng		97
18) Fluorene	16.08	166	15481	0.410	ng	#	80
20) 4-Bromophenyl-phenylether	16.97	248	4801	0.401	ng	#	69
21) Hexachlorobenzene	17.09	284	4740	0.387	ng	#	82
22) Pentachlorophenol	17.41	266	1737	0.652	ng	#	73
23) Phenanthrene	17.80	178	24988	0.392	ng		98
24) Anthracene	17.89	178	26412	0.404	ng	#	93
26) Fluoranthene	19.78	202	32323	0.411	ng		99
28) Pyrene	20.13	202	33639	0.404	ng		97
30) Benzo(a)anthracene	21.85	228	30635	0.427	ng	#	61
31) Chrysene	21.90	228	30650	0.380	ng	#	65
32) Bis(2-ethylhexyl)phthalate	21.73	149	63096	0.690	ng		100
33) Indeno(1,2,3-cd)pyrene	27.40	276	27822	0.423	ng		98
35) Benzo(b)fluoranthene	23.71	252	27150	0.370	ng	#	91
36) Benzo(k)fluoranthene	23.77	252	27763	0.373	ng		94
37) Benzo(a)pyrene	24.42	252	25231	0.387	ng		94
38) Dibenzo(a,h)anthracene	27.43	278	23117	0.383	ng		98
39) Benzo(g,h,i)perylene	28.29	276	22746	0.378	ng	#	95

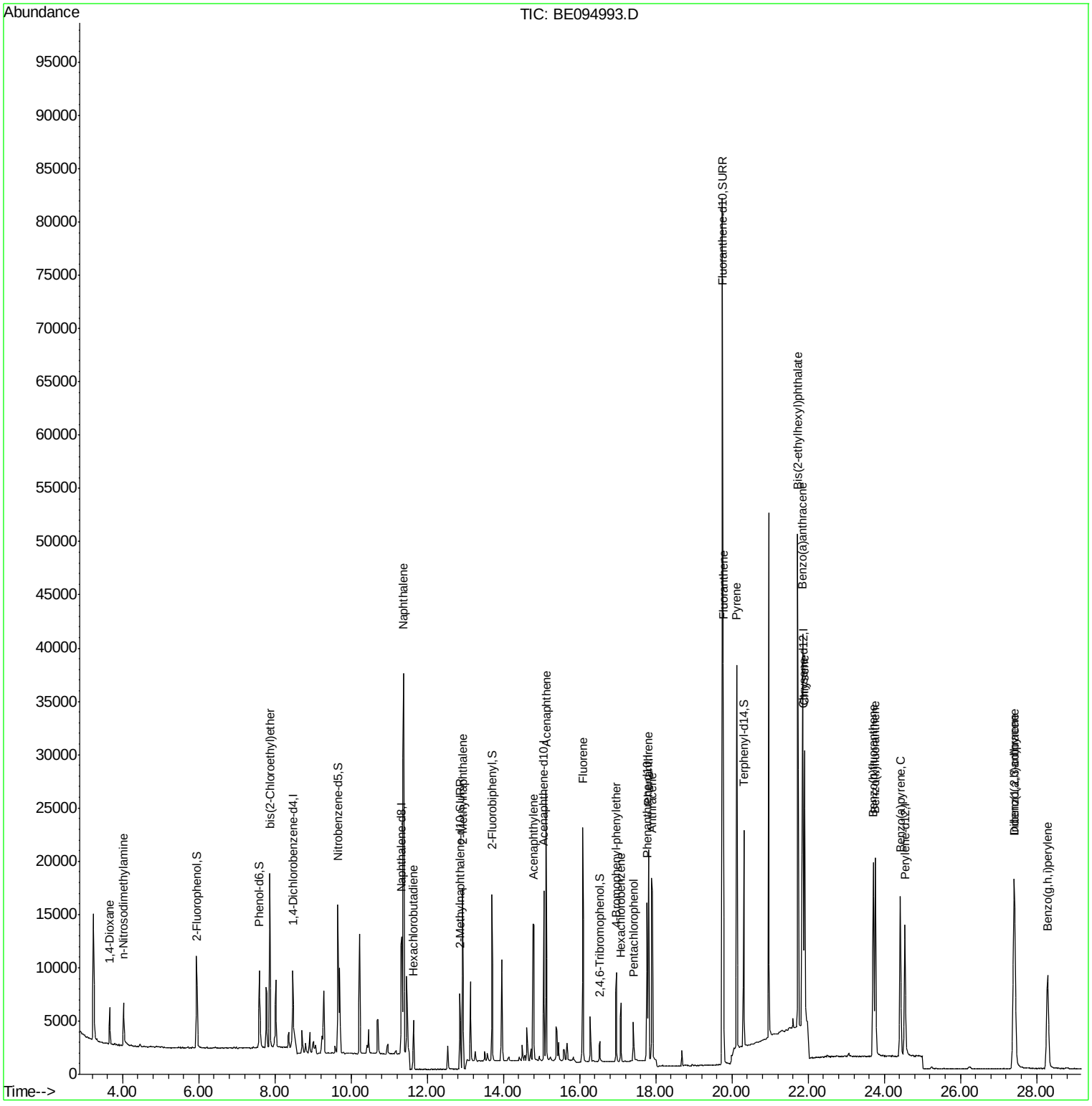
(#) = qualifier out of range (m) = manual integration (+) = signals summed

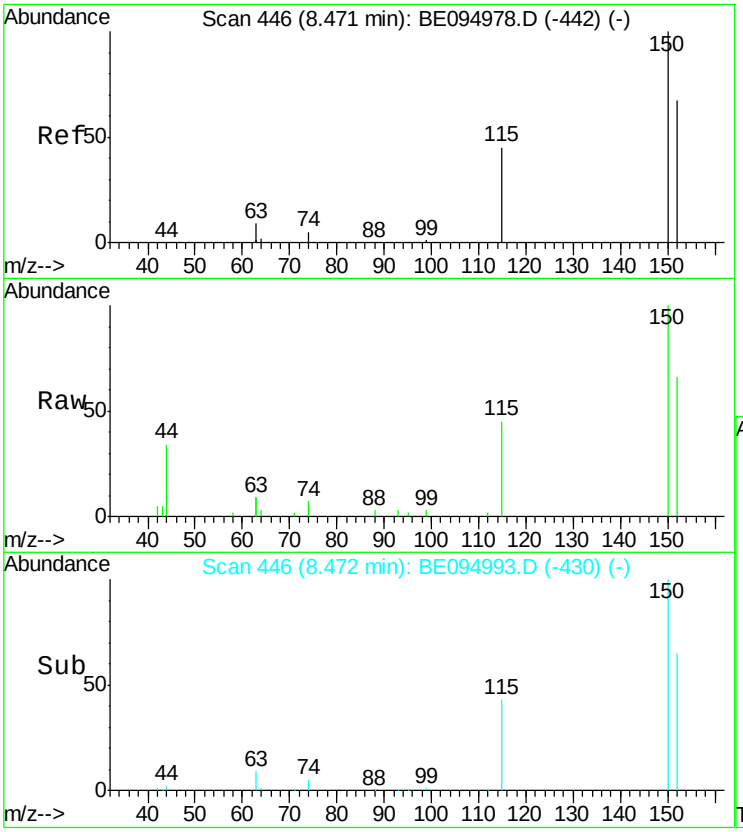
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE121417\
Data File : BE094993.D
Acq On : 15 Dec 2017 00:56
Operator : SJ/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Quant Time: Dec 15 08:14:23 2017
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE121417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 14 18:42:53 2017
Response via : Initial Calibration



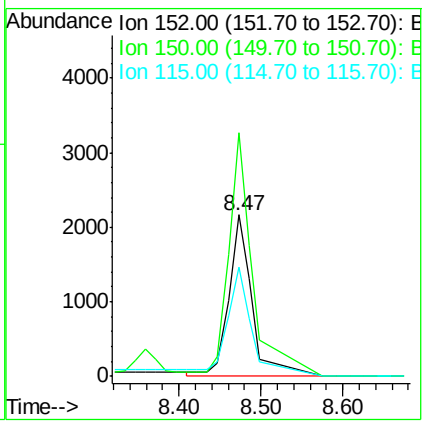


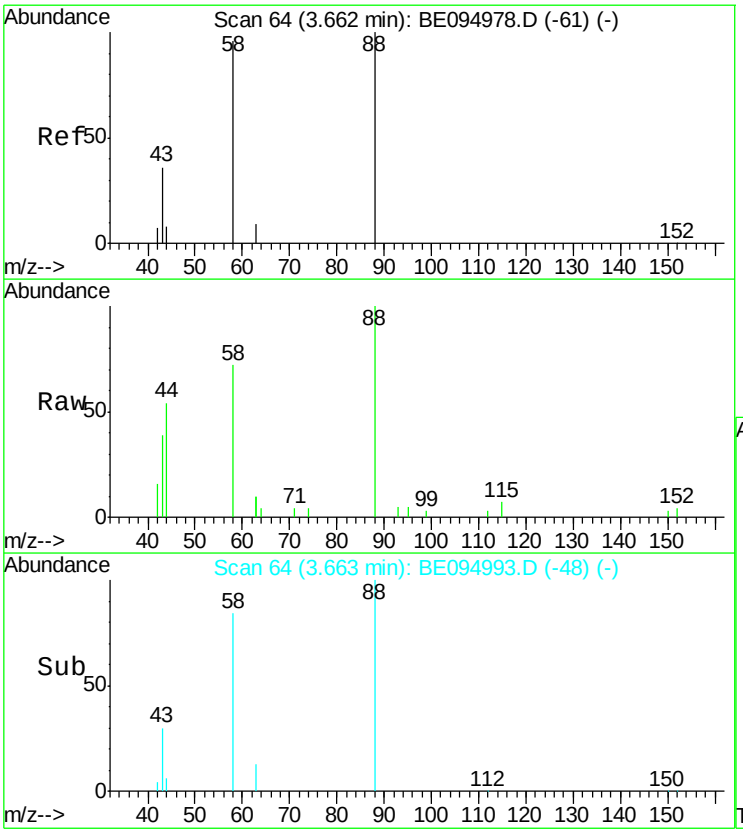
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.47 min Scan# 446
Delta R.T. 0.00 min
Lab File: BE094993.D
Acq: 15 Dec 2017 00:56

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:152 Resp: 6090

Ion	Ratio	Lower	Upper
152	100		
150	151.1	117.2	175.8
115	67.7	57.0	85.6

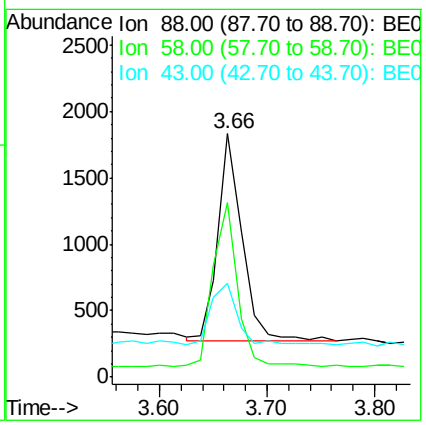


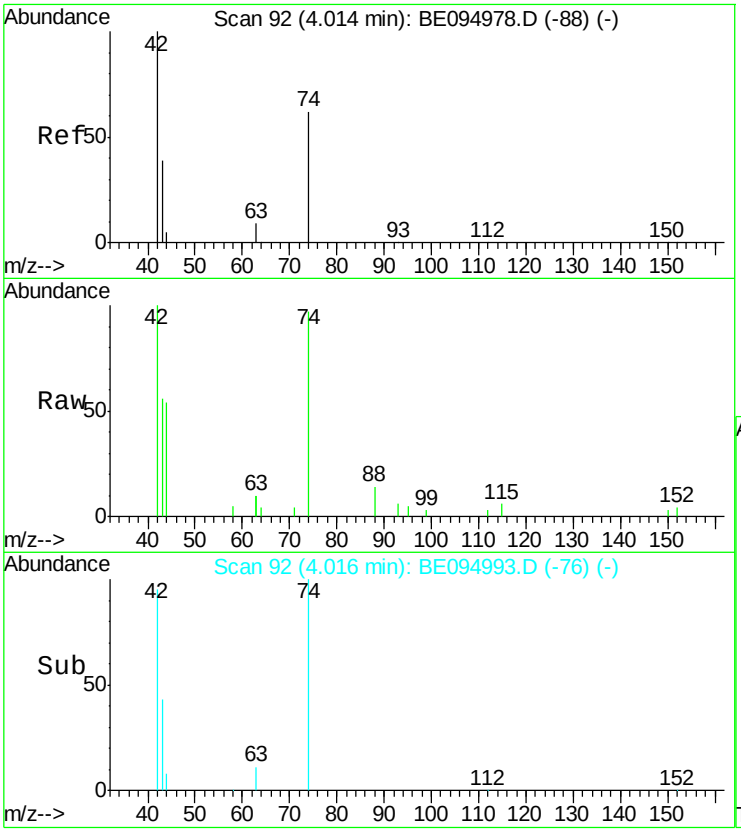


#2
1,4-Dioxane
Concen: 0.410 ng
RT: 3.66 min Scan# 64
Delta R.T. 0.00 min
Lab File: BE094993.D
Acq: 15 Dec 2017 00:56

Tgt Ion: 88 Resp: 2462

Ion	Ratio	Lower	Upper
88	100		
58	78.1	63.2	94.8
43	33.9	41.2	61.8#



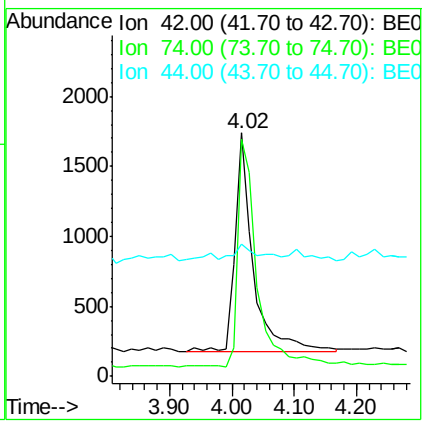


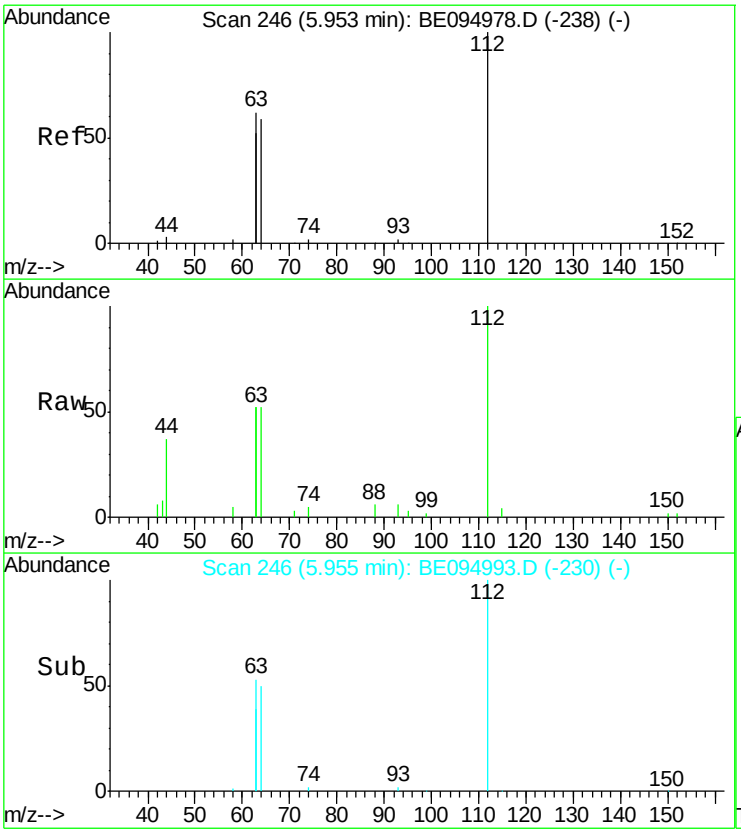
#3
n-Nitrosodimethylamine
Concen: 0.447 ng
RT: 4.02 min Scan# 92
Delta R.T. 0.00 min
Lab File: BE094993.D
Acq: 15 Dec 2017 00:56

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion: 42 Resp: 3173

Ion	Ratio	Lower	Upper
42	100		
74	107.8	96.0	144.0
44	8.9	12.0	18.0#

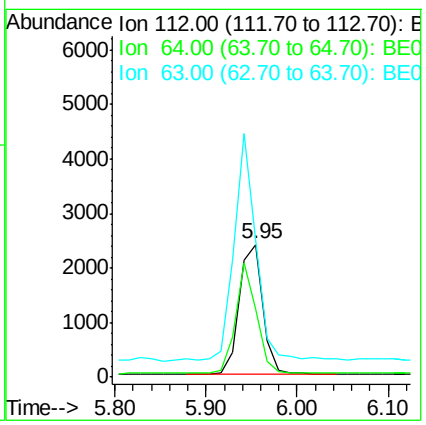


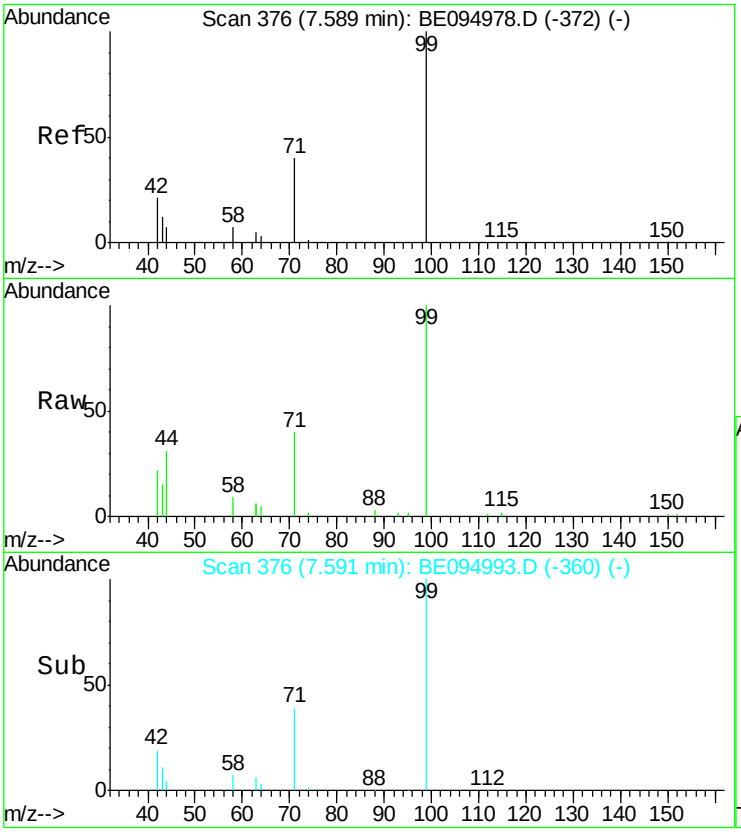


#4
2-Fluorophenol
Concen: 0.452 ng
RT: 5.95 min Scan# 246
Delta R.T. 0.00 min
Lab File: BE094993.D
Acq: 15 Dec 2017 00:56

Tgt Ion:112 Resp: 4273

Ion	Ratio	Lower	Upper
112	100		
64	75.5	60.1	90.1
63	162.0	116.8	175.2



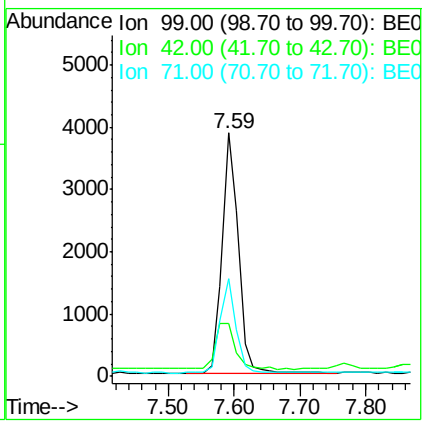


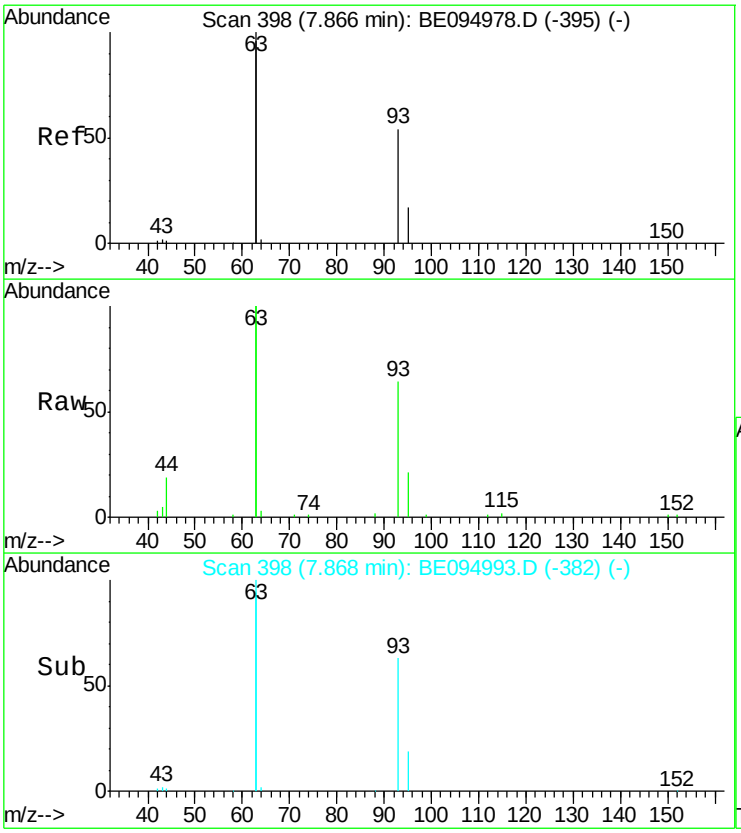
#5
Phenol-d6
Concen: 0.466 ng
RT: 7.59 min Scan# 376
Delta R.T. 0.00 min
Lab File: BE094993.D
Acq: 15 Dec 2017 00:56

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion: 99 Resp: 6549

Ion	Ratio	Lower	Upper
99	100		
42	24.3	20.2	30.2
71	38.9	28.4	42.6

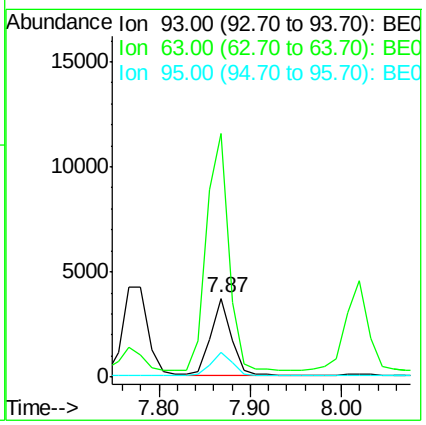


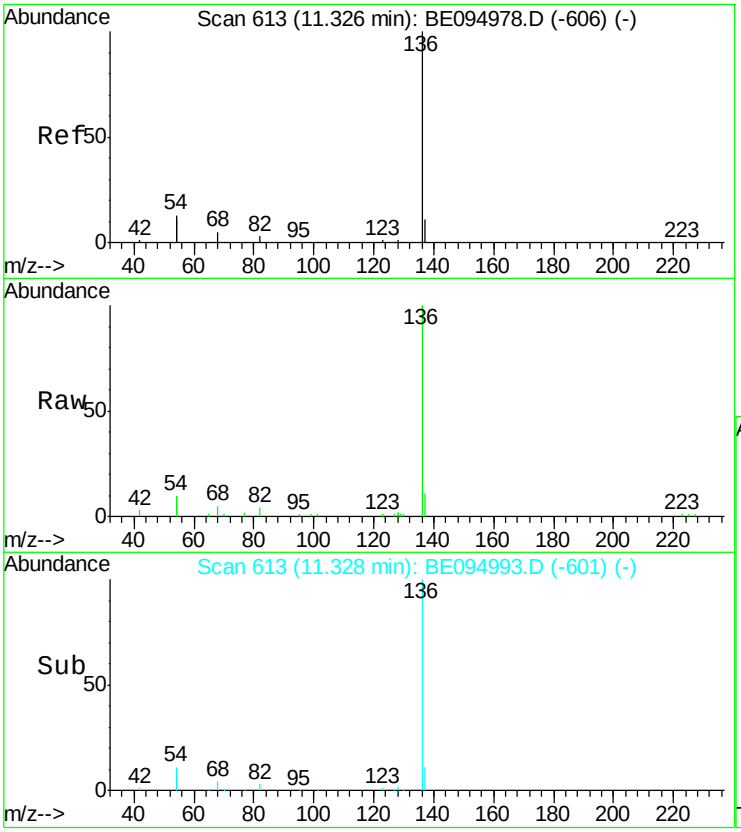


#6
bis(2-Chloroethyl)ether
Concen: 0.415 ng
RT: 7.87 min Scan# 398
Delta R.T. 0.00 min
Lab File: BE094993.D
Acq: 15 Dec 2017 00:56

Tgt Ion: 93 Resp: 5694

Ion	Ratio	Lower	Upper
93	100		
63	332.7	275.3	412.9
95	32.0	25.2	37.8



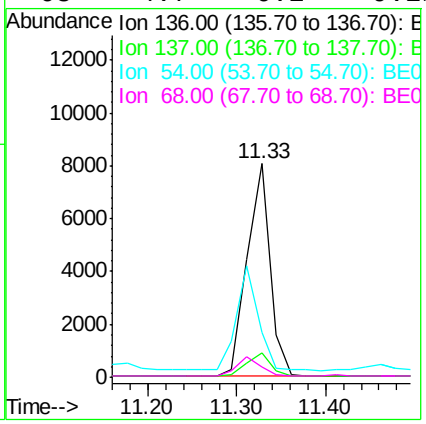


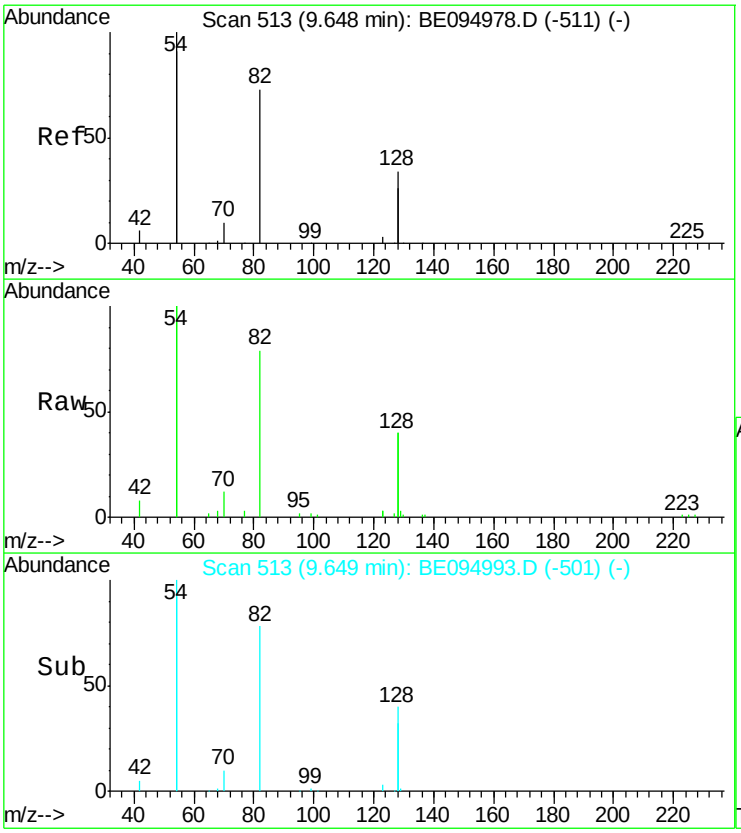
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 11.33 min Scan# 613
Delta R.T. 0.00 min
Lab File: BE094993.D
Acq: 15 Dec 2017 00:56

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:136 Resp: 14412

Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.5	14.3
54	20.9	29.1	43.7#
68	4.7	6.2	9.2#

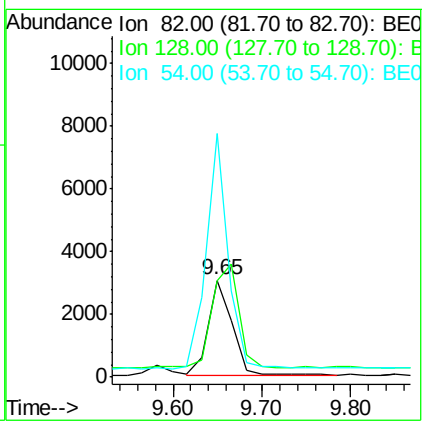


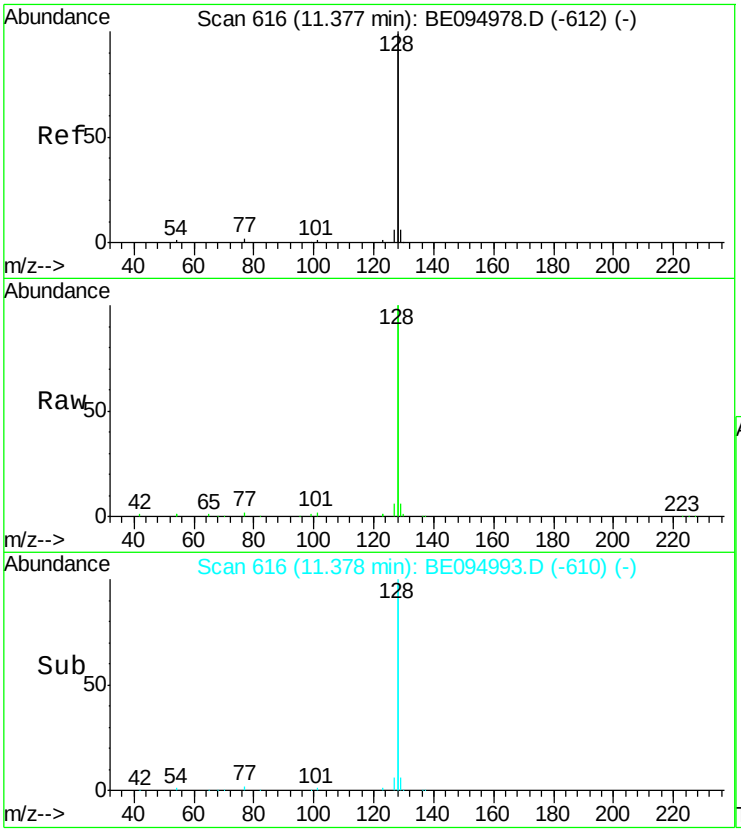


#8
Nitrobenzene-d5
Concen: 0.465 ng
RT: 9.65 min Scan# 513
Delta R.T. 0.00 min
Lab File: BE094993.D
Acq: 15 Dec 2017 00:56

Tgt Ion: 82 Resp: 5495

Ion	Ratio	Lower	Upper
82	100		
128	100.1	150.0	225.0#
54	252.0	154.2	231.4#



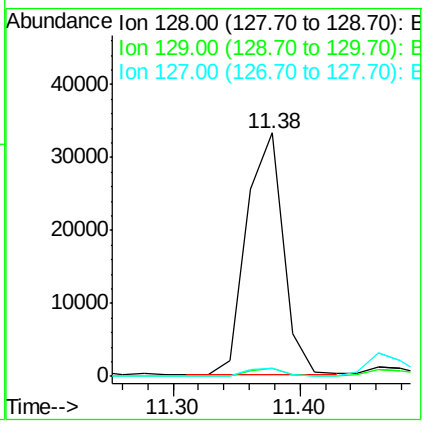


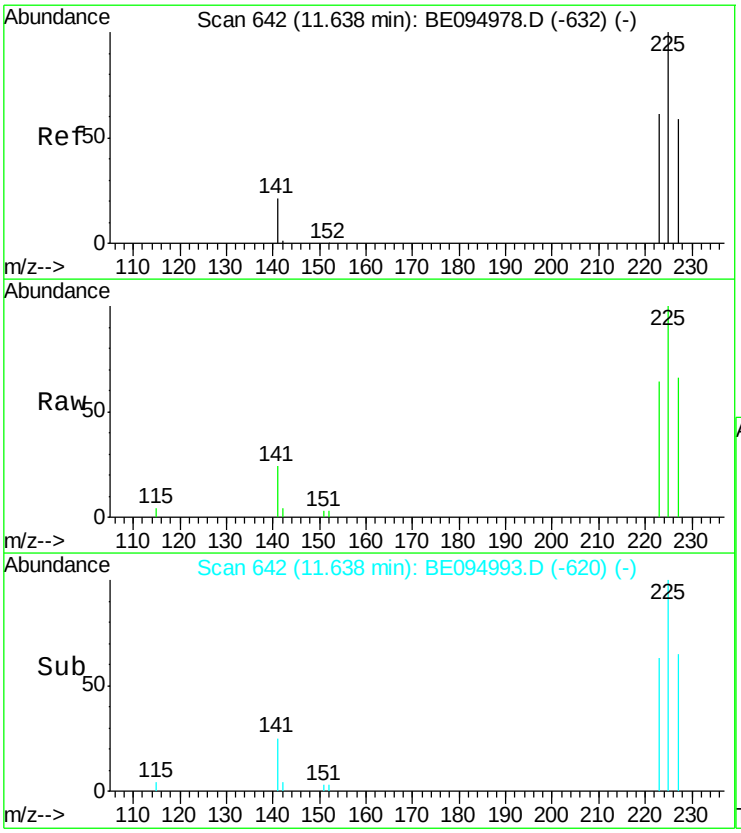
#9
Naphthalene
Concen: 0.397 ng
RT: 11.38 min Scan# 616
Delta R.T. 0.00 min
Lab File: BE094993.D
Acq: 15 Dec 2017 00:56

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:128 Resp: 67221

Ion	Ratio	Lower	Upper
128	100		
129	3.1	2.6	3.8
127	3.1	2.8	4.2

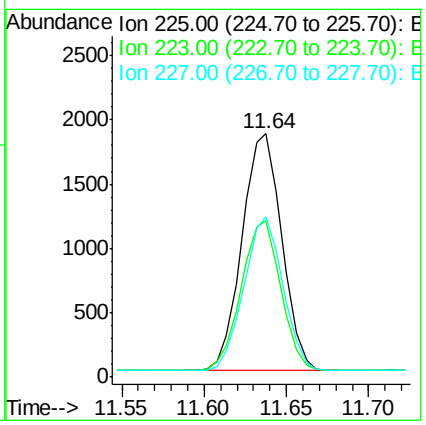


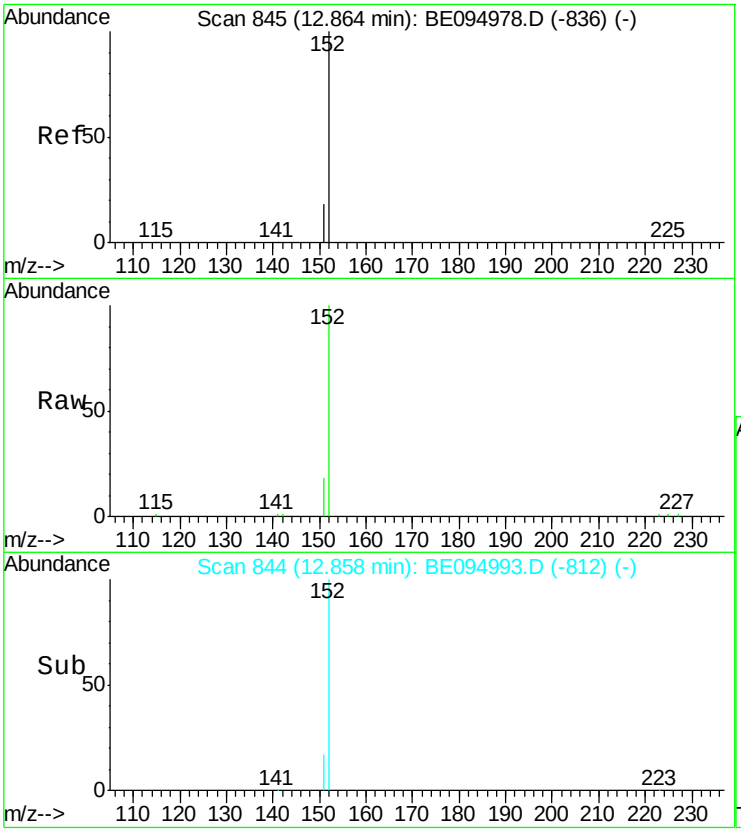


#10
Hexachlorobutadiene
Concen: 0.402 ng
RT: 11.64 min Scan# 642
Delta R.T. -0.00 min
Lab File: BE094993.D
Acq: 15 Dec 2017 00:56

Tgt Ion:225 Resp: 3091

Ion	Ratio	Lower	Upper
225	100		
223	63.2	53.0	79.6
227	64.0	51.4	77.2



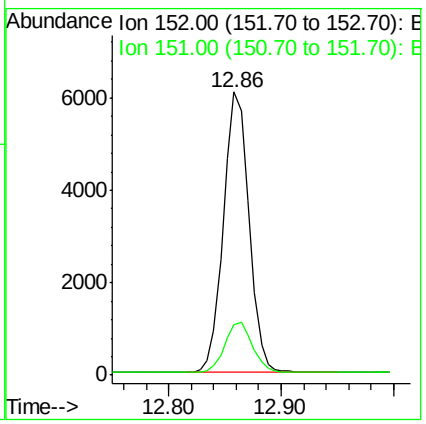


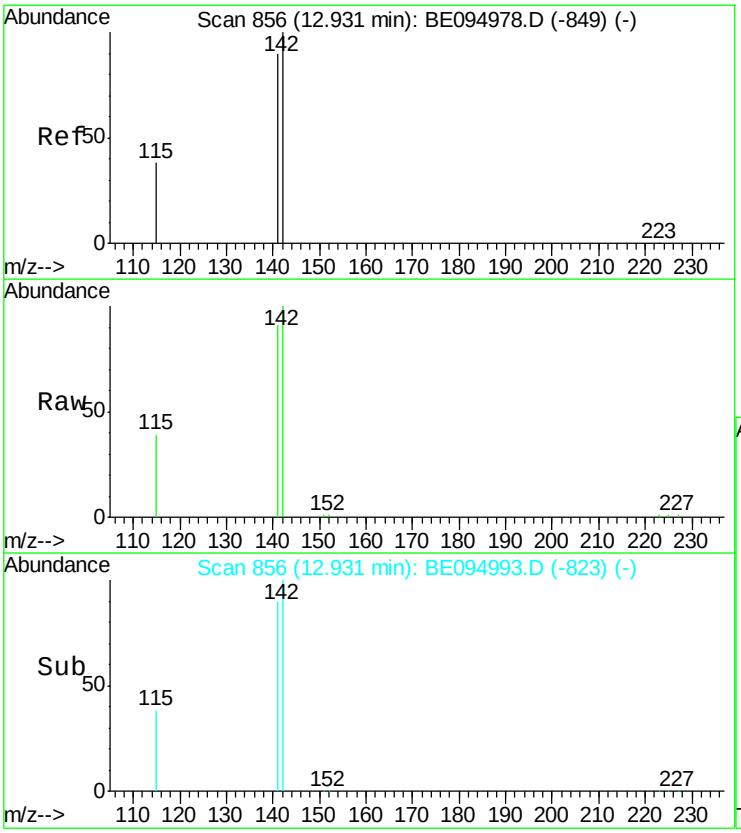
#11
2-Methylnaphthalene-d10
Concen: 0.405 ng
RT: 12.86 min Scan# 844
Delta R.T. -0.01 min
Lab File: BE094993.D
Acq: 15 Dec 2017 00:56

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:152 Resp: 9553

Ion	Ratio	Lower	Upper
152	100		
151	19.7	15.4	23.0

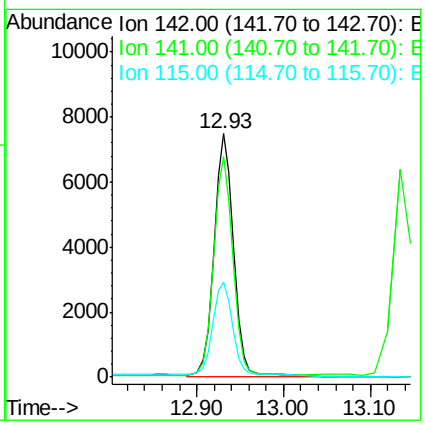


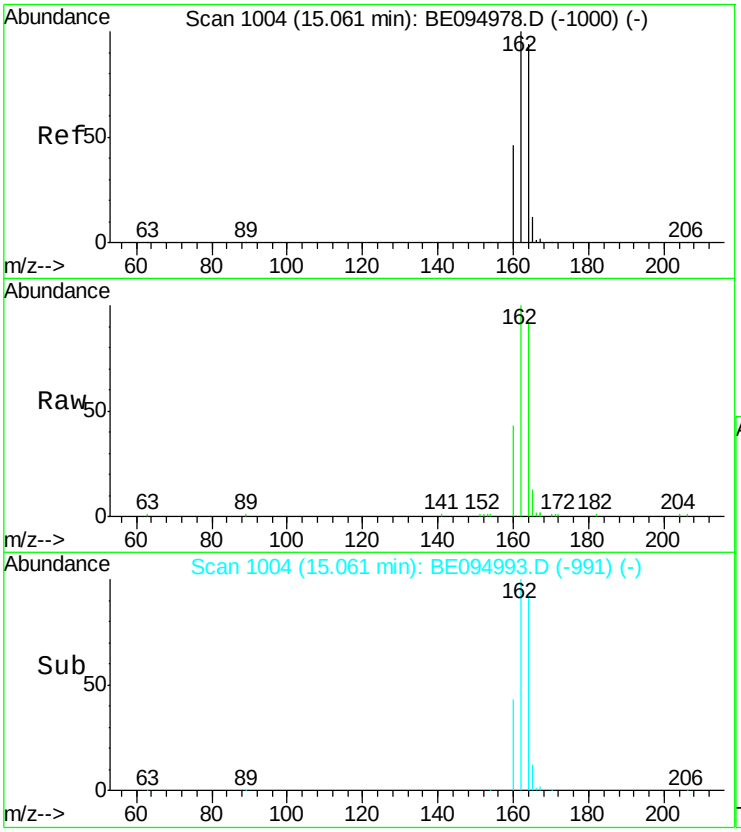


#12
2-Methylnaphthalene
Concen: 0.401 ng
RT: 12.93 min Scan# 856
Delta R.T. -0.00 min
Lab File: BE094993.D
Acq: 15 Dec 2017 00:56

Tgt Ion:142 Resp: 16916

Ion	Ratio	Lower	Upper
142	100		
141	90.5	70.4	105.6
115	38.9	31.7	47.5



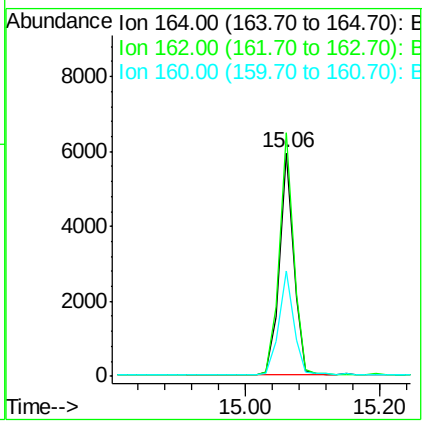


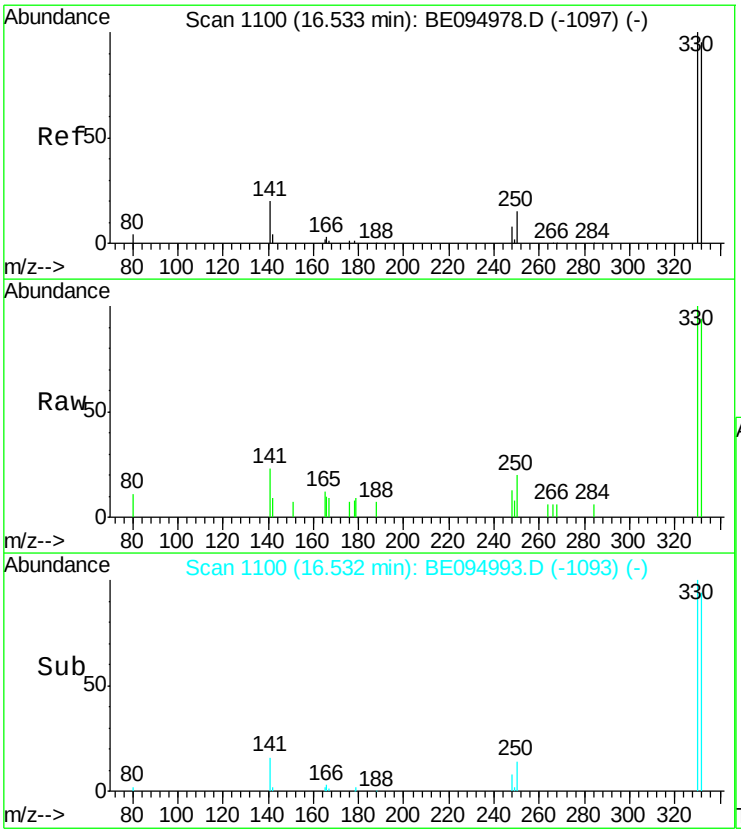
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 15.06 min Scan# 1004
Delta R.T. -0.00 min
Lab File: BE094993.D
Acq: 15 Dec 2017 00:56

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:164 Resp: 8575

Ion	Ratio	Lower	Upper
164	100		
162	108.8	83.1	124.7
160	47.0	37.1	55.7

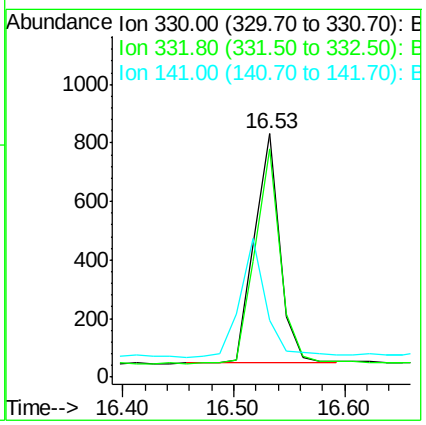


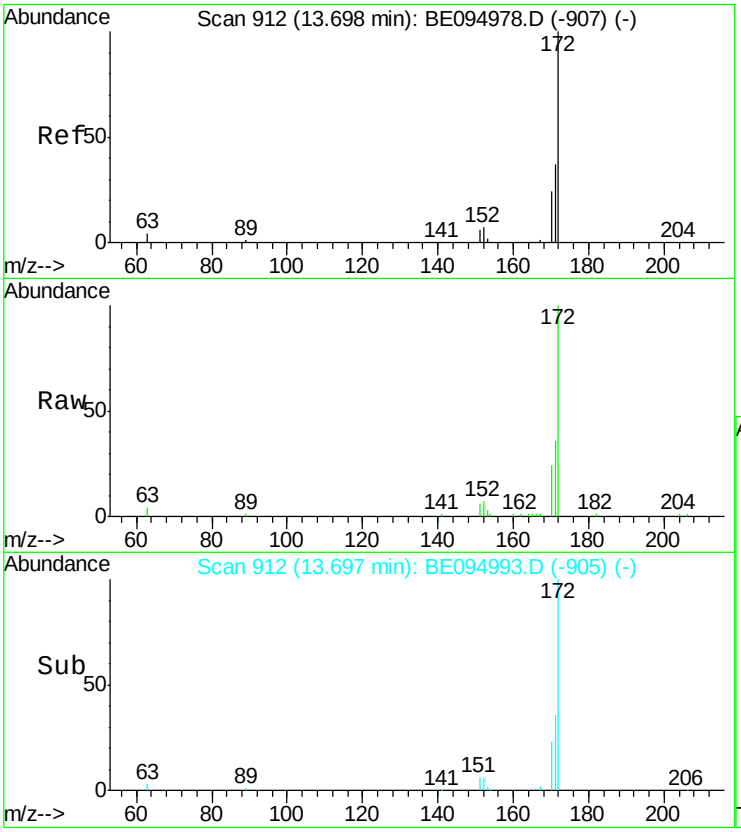


#14
2,4,6-Tribromophenol
Concen: 0.626 ng
RT: 16.53 min Scan# 1100
Delta R.T. 0.00 min
Lab File: BE094993.D
Acq: 15 Dec 2017 00:56

Tgt Ion:330 Resp: 1248

Ion	Ratio	Lower	Upper
330	100		
332	96.2	152.7	229.1#
141	54.6	33.7	50.5#



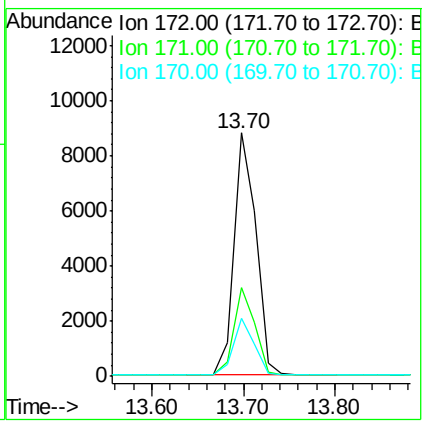


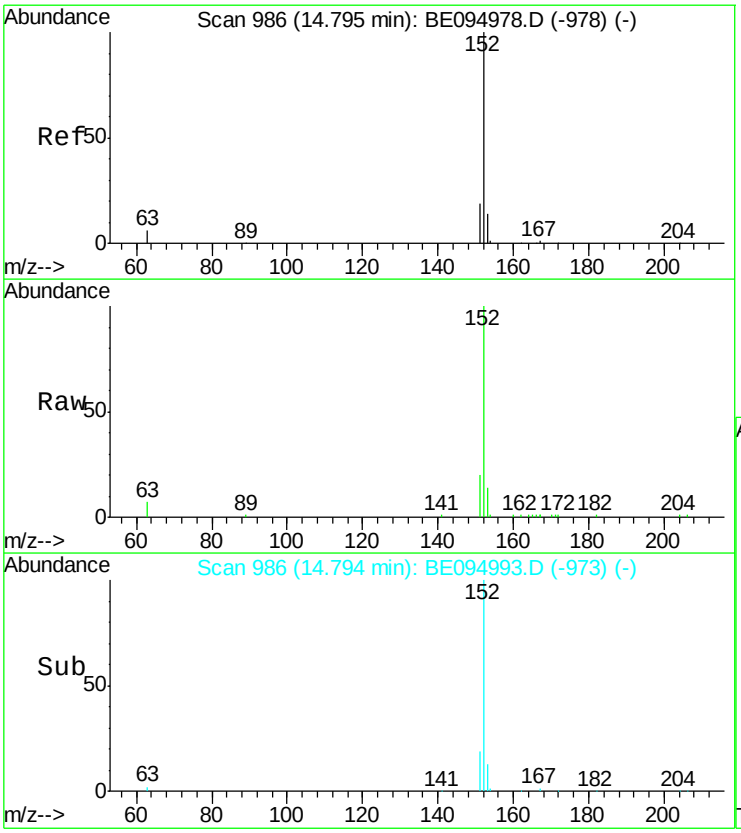
#15
2-Fluorobiphenyl
Concen: 0.385 ng
RT: 13.70 min Scan# 912
Delta R.T. -0.00 min
Lab File: BE094993.D
Acq: 15 Dec 2017 00:56

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:172 Resp: 14630

Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.9	44.9
170	24.0	21.8	32.8

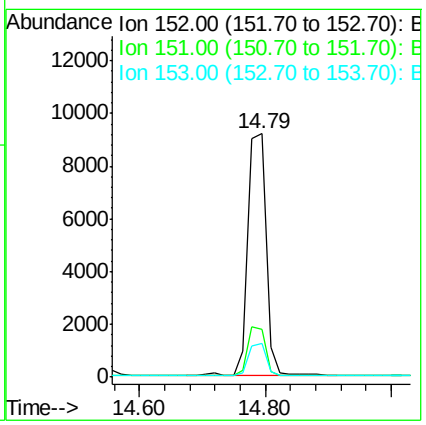


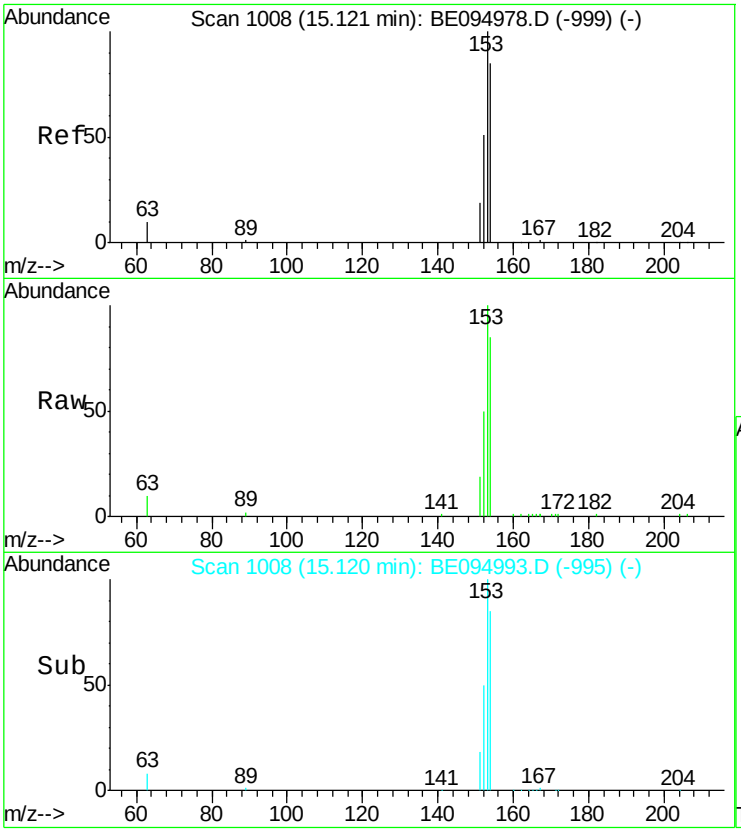


#16
Acenaphthylene
Concen: 0.401 ng
RT: 14.79 min Scan# 986
Delta R.T. -0.00 min
Lab File: BE094993.D
Acq: 15 Dec 2017 00:56

Tgt Ion:152 Resp: 18400

Ion	Ratio	Lower	Upper
152	100		
151	19.9	15.7	23.5
153	13.3	10.5	15.7



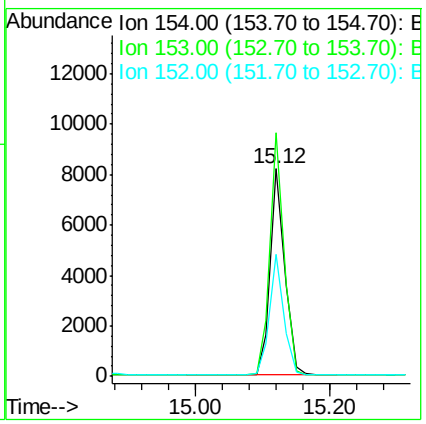


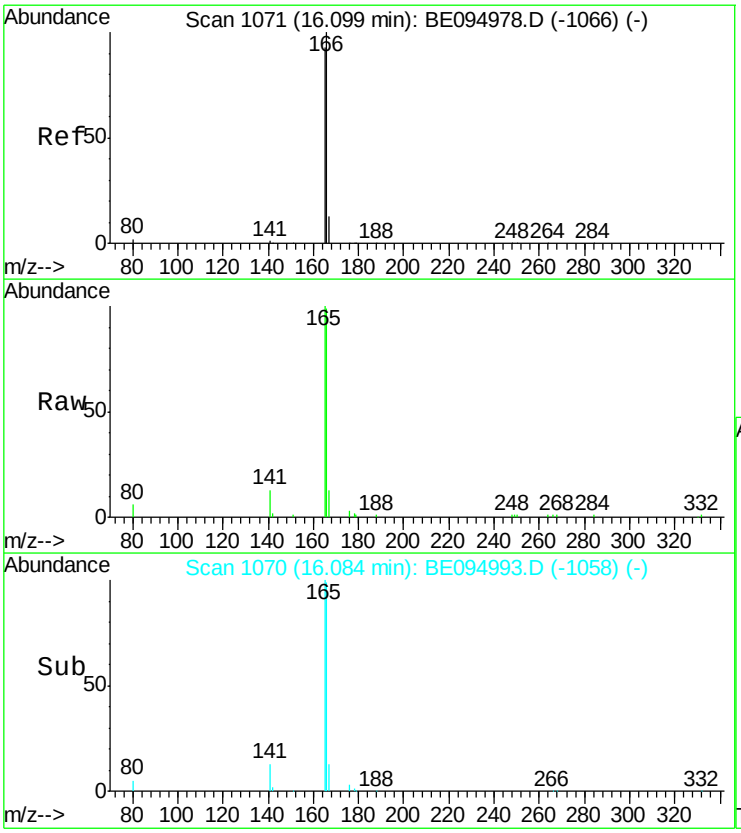
#17
Acenaphthene
Concen: 0.402 ng
RT: 15.12 min Scan# 1008
Delta R.T. -0.00 min
Lab File: BE094993.D
Acq: 15 Dec 2017 00:56

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:154 Resp: 12236

Ion	Ratio	Lower	Upper
154	100		
153	112.8	89.2	133.8
152	56.7	42.0	63.0

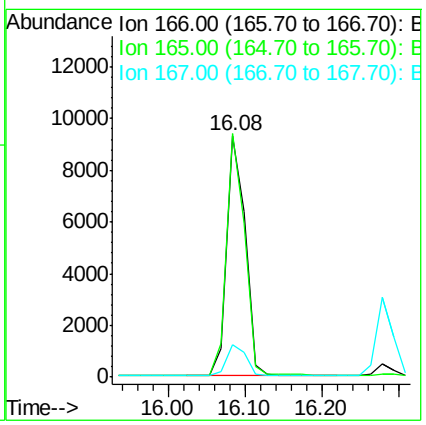


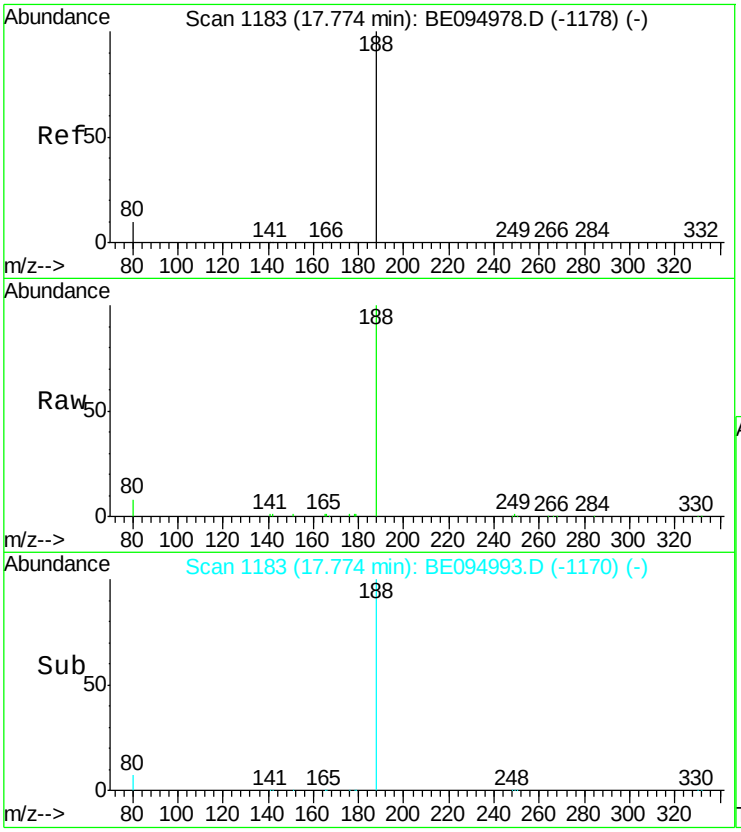


#18
Fluorene
Concen: 0.410 ng
RT: 16.08 min Scan# 1070
Delta R.T. -0.02 min
Lab File: BE094993.D
Acq: 15 Dec 2017 00:56

Tgt Ion:166 Resp: 15481

Ion	Ratio	Lower	Upper
166	100		
165	98.5	77.8	116.6
167	13.6	42.4	63.6#



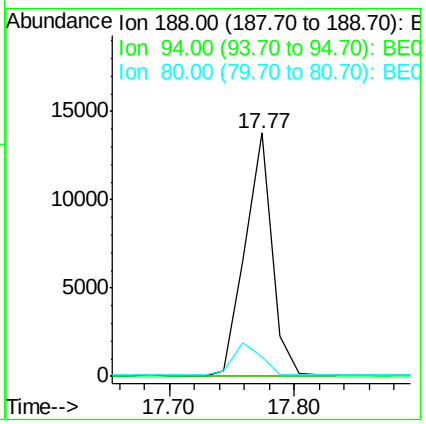


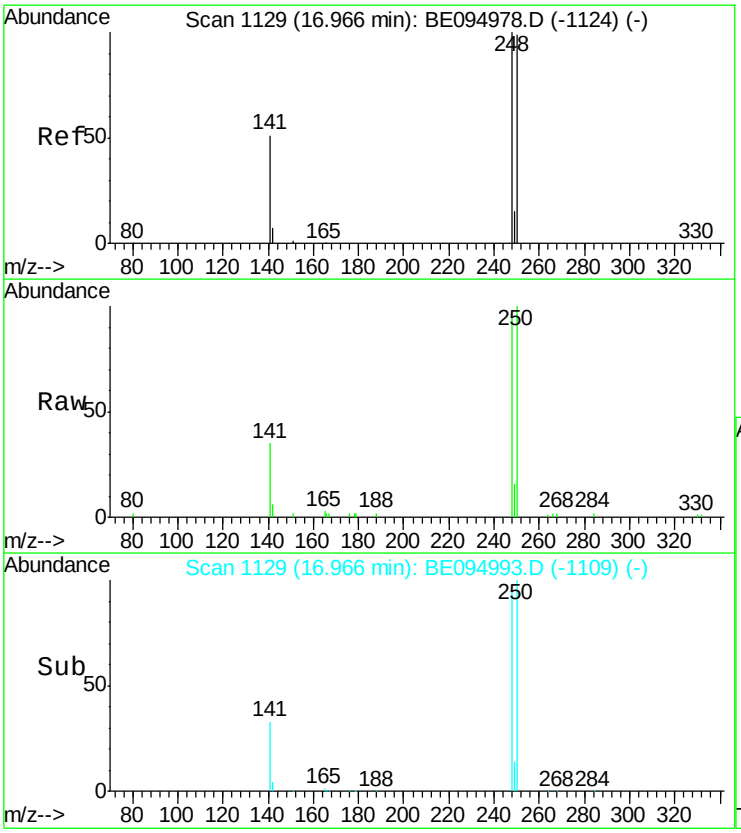
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.77 min Scan# 1183
Delta R.T. -0.00 min
Lab File: BE094993.D
Acq: 15 Dec 2017 00:56

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:188 Resp: 20461

Ion	Ratio	Lower	Upper
188	100		
94	0.0	3.9	5.9#
80	7.8	3.6	5.4#

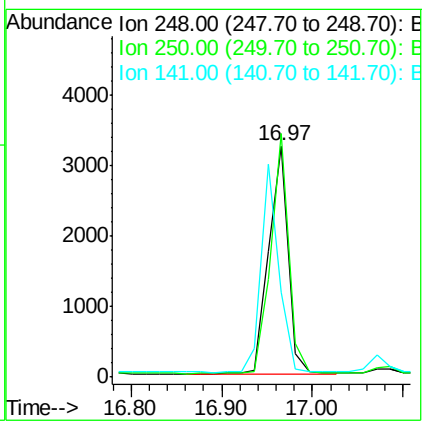


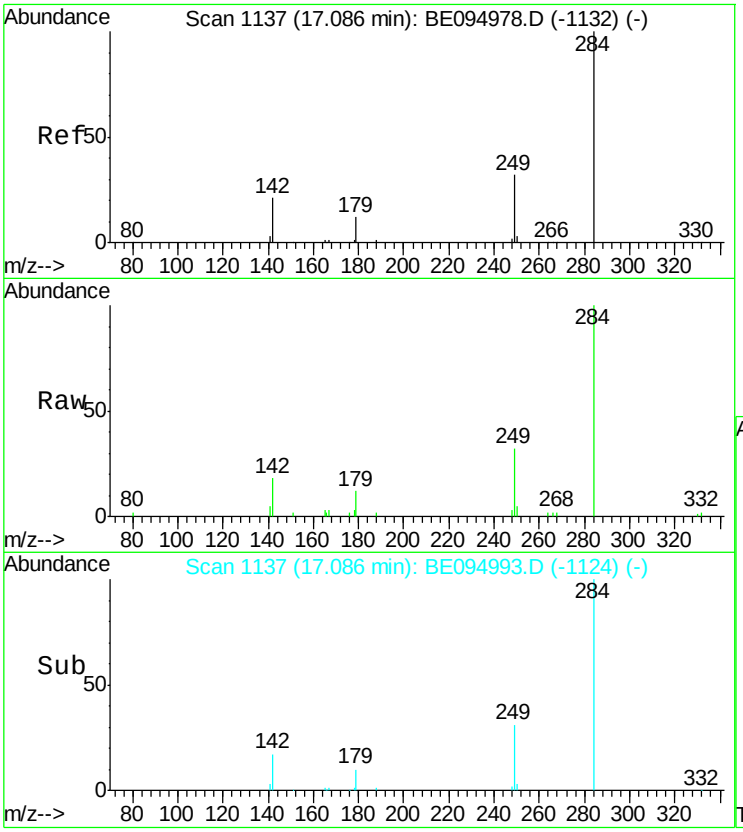


#20
4-Bromophenyl-phenylether
Concen: 0.401 ng
RT: 16.97 min Scan# 1129
Delta R.T. -0.00 min
Lab File: BE094993.D
Acq: 15 Dec 2017 00:56

Tgt Ion:248 Resp: 4801

Ion	Ratio	Lower	Upper
248	100		
250	105.5	62.7	94.1#
141	36.7	48.2	72.2#



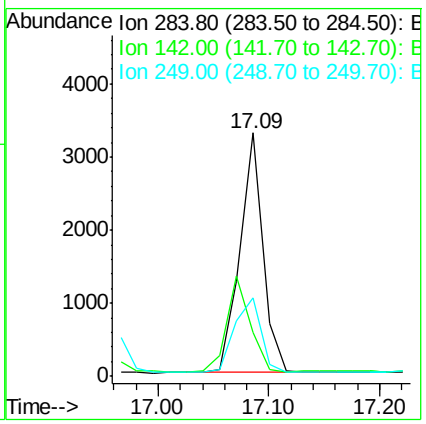


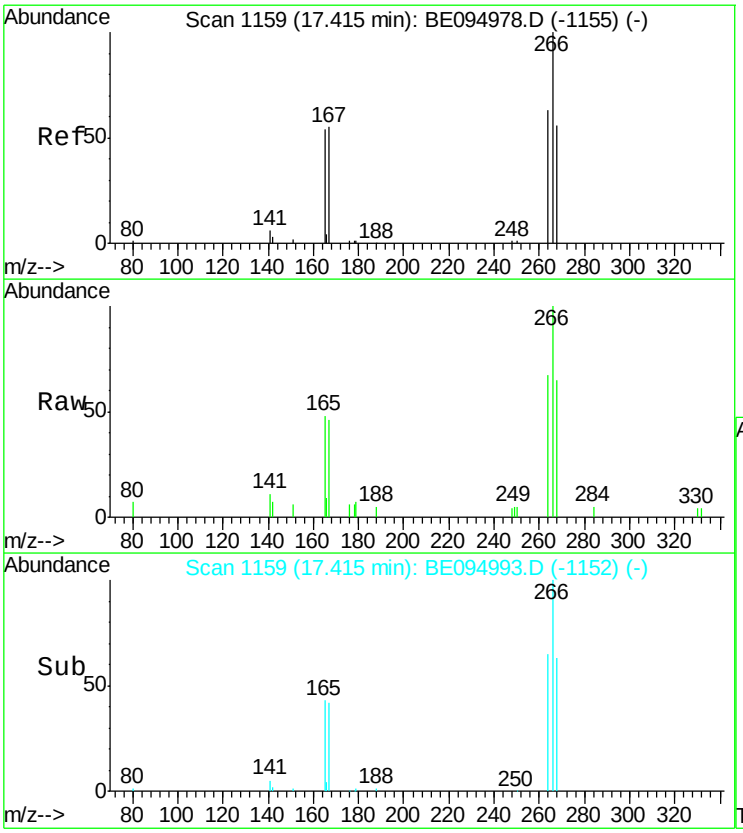
#21
Hexachlorobenzene
Concen: 0.387 ng
RT: 17.09 min Scan# 1137
Delta R.T. -0.00 min
Lab File: BE094993.D
Acq: 15 Dec 2017 00:56

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:284 Resp: 4740

Ion	Ratio	Lower	Upper
284	100		
142	40.4	22.1	33.1#
249	35.0	34.8	52.2

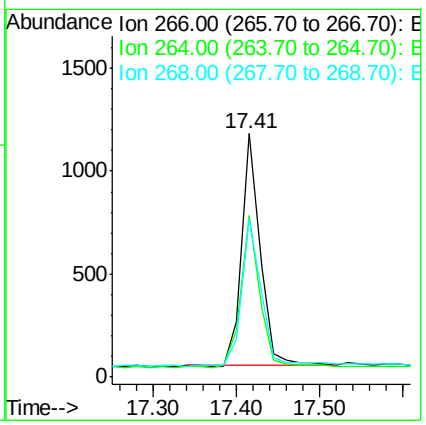


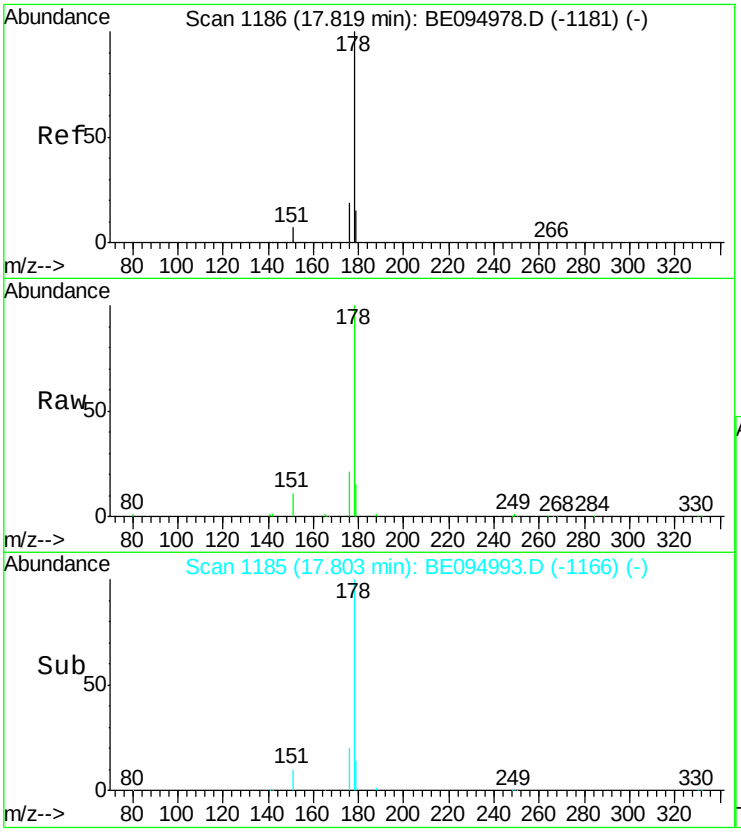


#22
Pentachlorophenol
Concen: 0.652 ng
RT: 17.41 min Scan# 1159
Delta R.T. -0.00 min
Lab File: BE094993.D
Acq: 15 Dec 2017 00:56

Tgt Ion:266 Resp: 1737

Ion	Ratio	Lower	Upper
266	100		
264	66.6	72.5	108.7#
268	65.0	73.8	110.6#



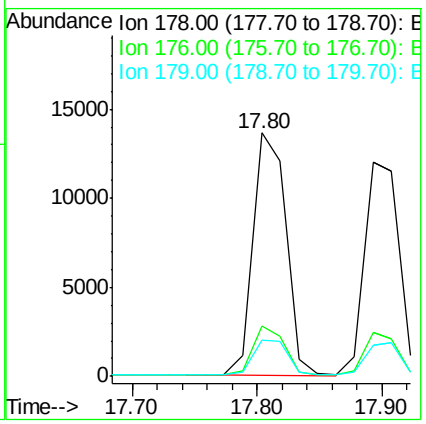


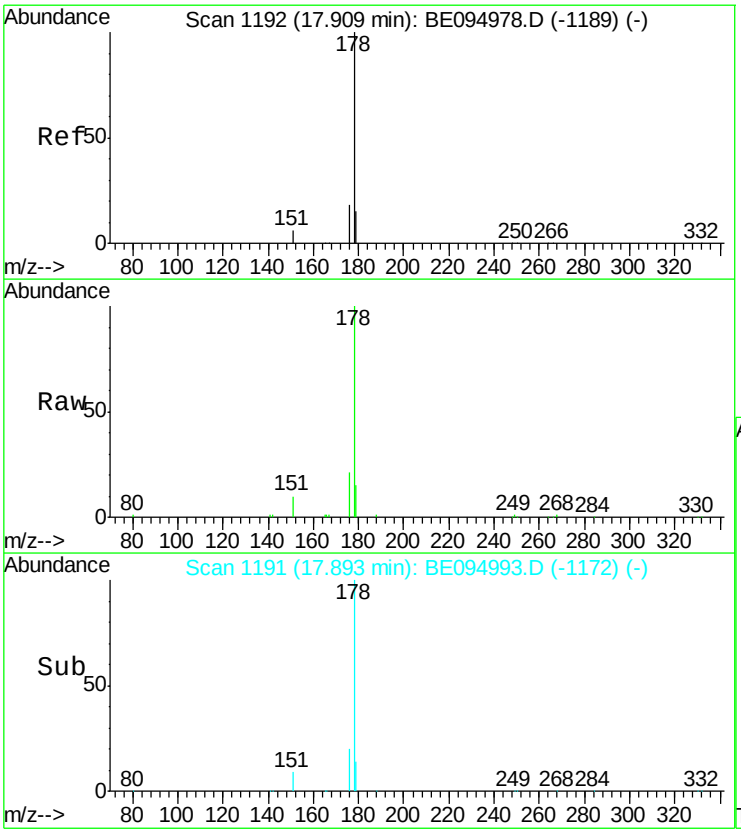
#23
Phenanthrene
Concen: 0.392 ng
RT: 17.80 min Scan# 1185
Delta R.T. -0.02 min
Lab File: BE094993.D
Acq: 15 Dec 2017 00:56

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:178 Resp: 24988

Ion	Ratio	Lower	Upper
178	100		
176	19.9	15.1	22.7
179	15.7	11.8	17.6

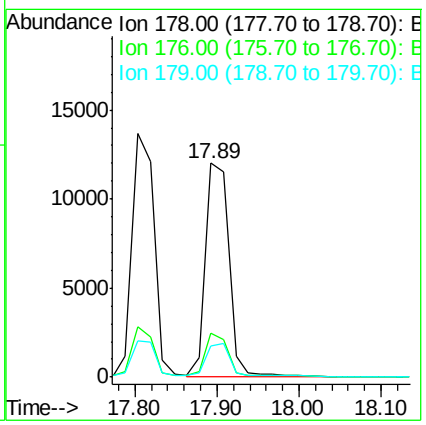


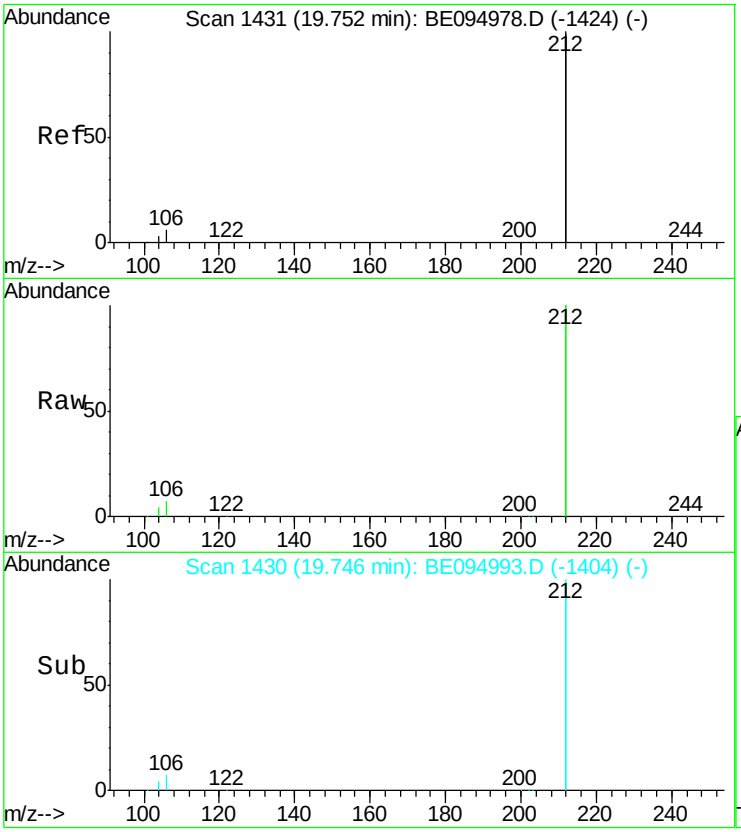


#24
Anthracene
Concen: 0.404 ng
RT: 17.89 min Scan# 1191
Delta R.T. -0.02 min
Lab File: BE094993.D
Acq: 15 Dec 2017 00:56

Tgt Ion:178 Resp: 26412

Ion	Ratio	Lower	Upper
178	100		
176	20.8	12.8	19.2#
179	17.6	13.0	19.6



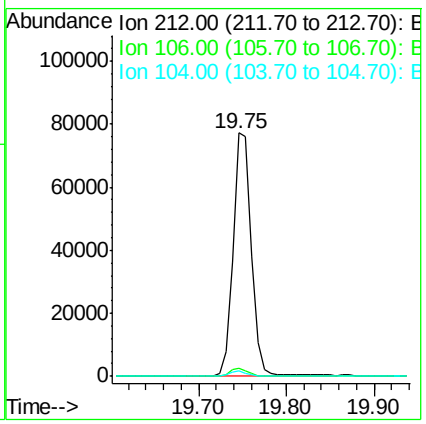


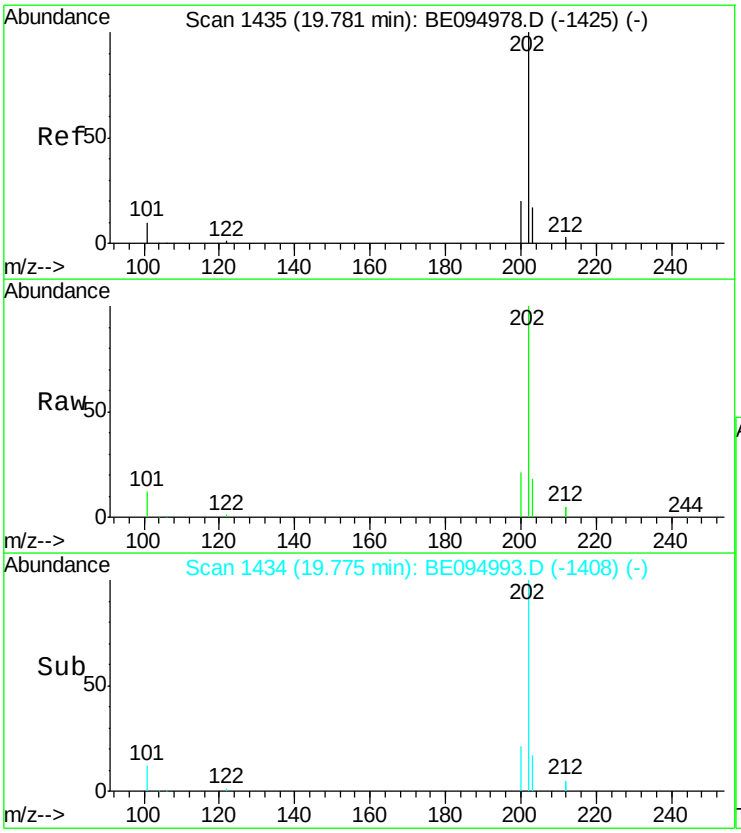
#25
Fluoranthene-d10
Concen: 0.418 ng
RT: 19.75 min Scan# 1430
Delta R.T. -0.01 min
Lab File: BE094993.D
Acq: 15 Dec 2017 00:56

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:212 Resp: 111048

Ion	Ratio	Lower	Upper
212	100		
106	3.1	2.8	4.2
104	1.9	1.6	2.4

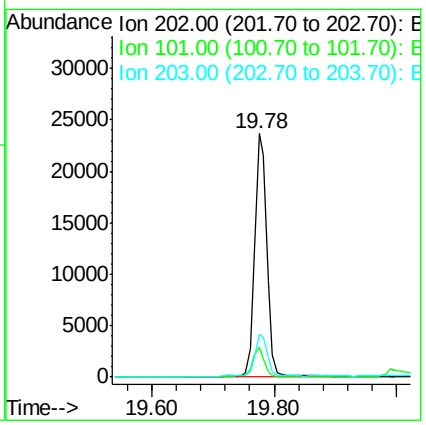


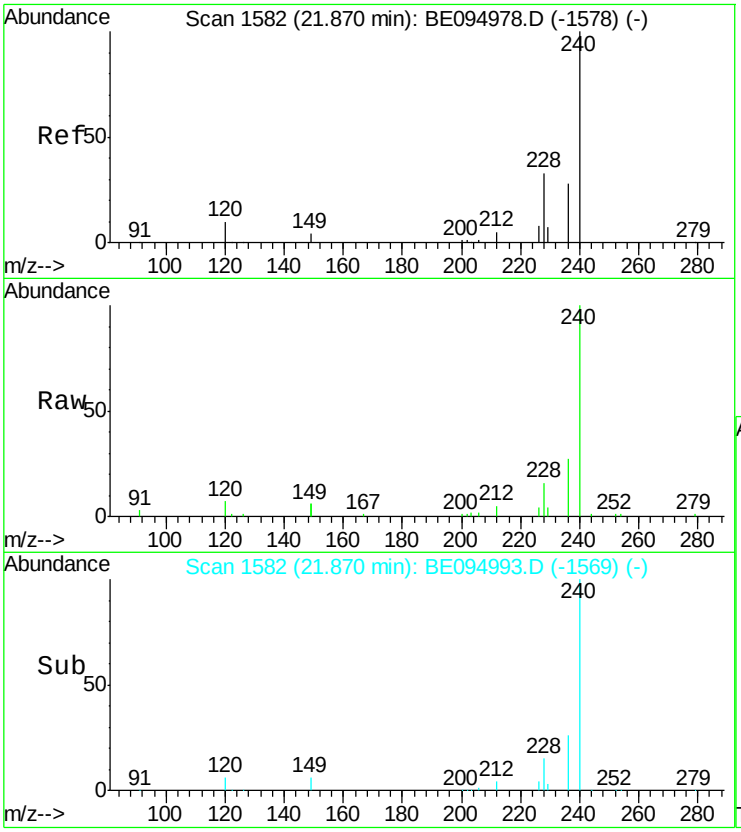


#26
Fluoranthene
Concen: 0.411 ng
RT: 19.78 min Scan# 1434
Delta R.T. -0.01 min
Lab File: BE094993.D
Acq: 15 Dec 2017 00:56

Tgt Ion:202 Resp: 32323

Ion	Ratio	Lower	Upper
202	100		
101	11.3	9.8	14.8
203	17.3	13.7	20.5



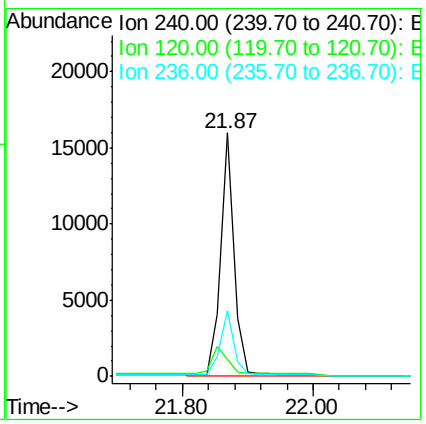


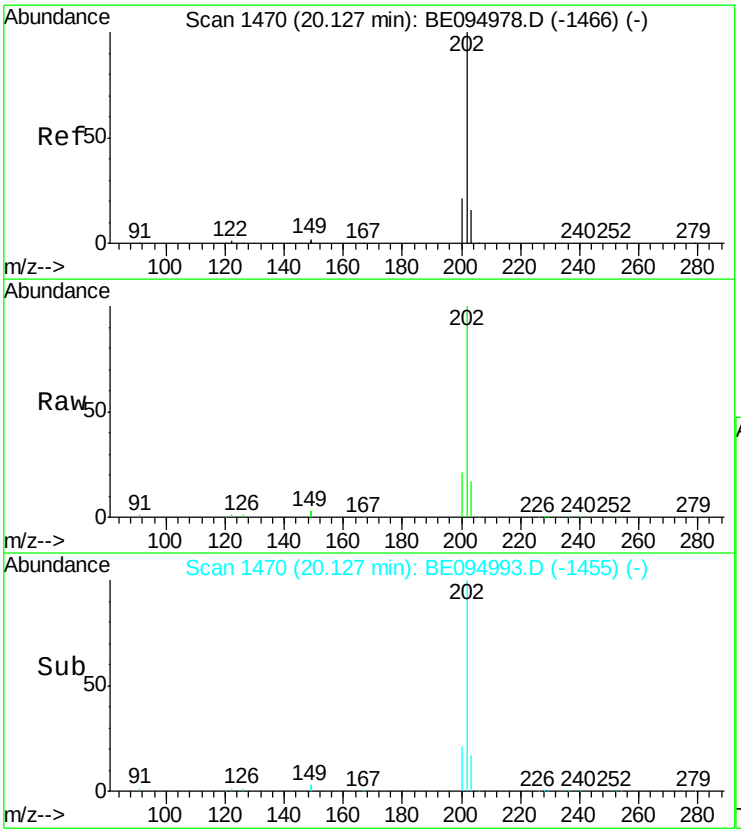
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.87 min Scan# 1582
Delta R.T. -0.00 min
Lab File: BE094993.D
Acq: 15 Dec 2017 00:56

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:240 Resp: 24548

Ion	Ratio	Lower	Upper
240	100		
120	7.0	5.5	8.3
236	26.8	20.7	31.1

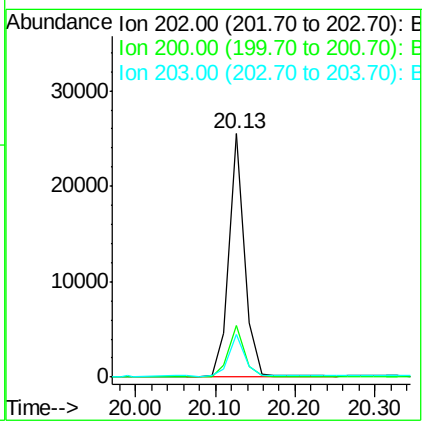


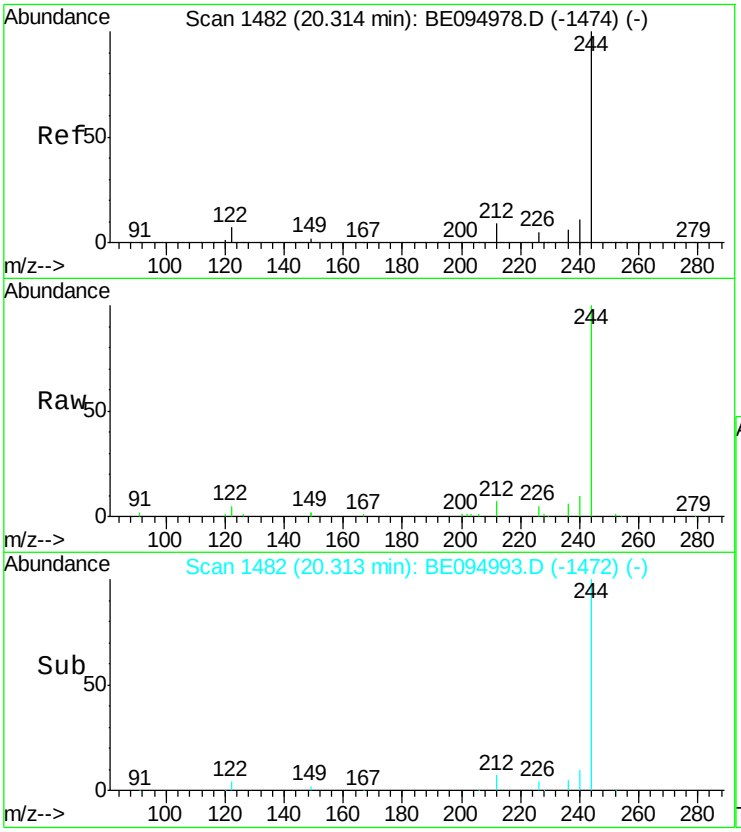


#28
Pyrene
Concen: 0.404 ng
RT: 20.13 min Scan# 1470
Delta R.T. -0.00 min
Lab File: BE094993.D
Acq: 15 Dec 2017 00:56

Tgt Ion:202 Resp: 33639

Ion	Ratio	Lower	Upper
202	100		
200	21.1	16.6	25.0
203	19.4	13.8	20.8



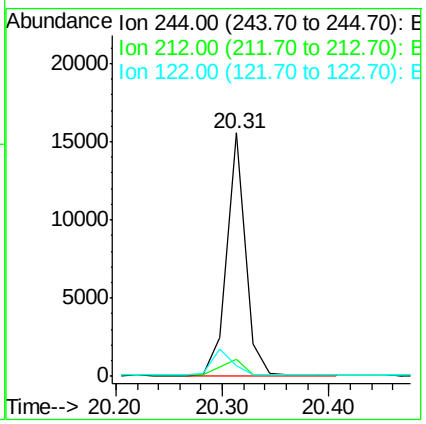


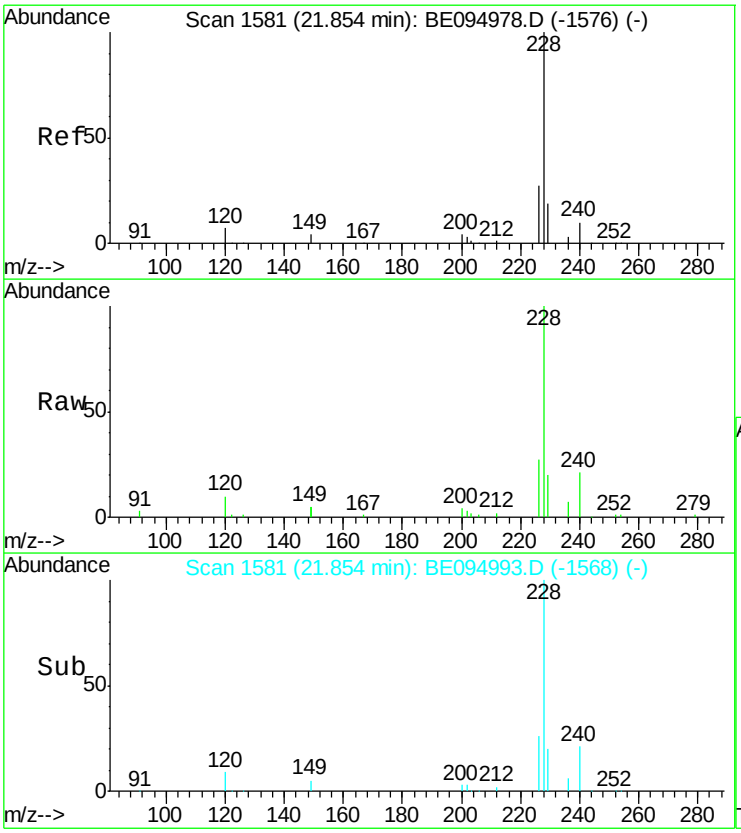
#29
Terphenyl-d14
Concen: 0.408 ng
RT: 20.31 min Scan# 1482
Delta R.T. -0.00 min
Lab File: BE094993.D
Acq: 15 Dec 2017 00:56

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:244 Resp: 18863

Ion	Ratio	Lower	Upper
244	100		
212	7.0	25.4	38.0#
122	4.6	8.1	12.1#

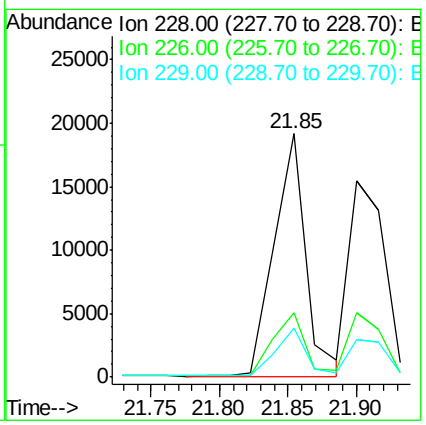


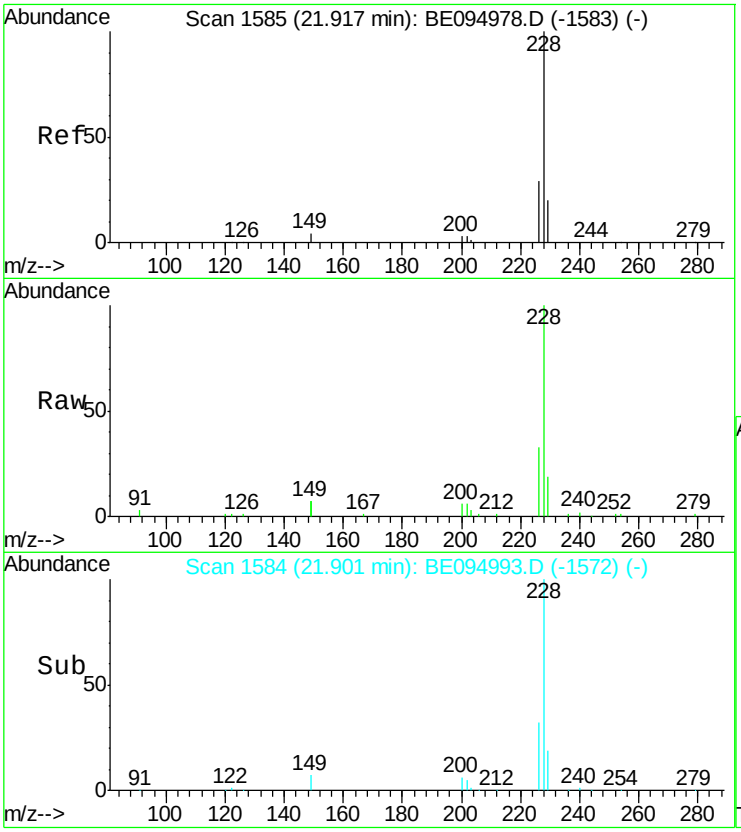


#30
Benzo(a)anthracene
Concen: 0.427 ng
RT: 21.85 min Scan# 1581
Delta R.T. -0.00 min
Lab File: BE094993.D
Acq: 15 Dec 2017 00:56

Tgt Ion:228 Resp: 30635

Ion	Ratio	Lower	Upper
228	100		
226	26.5	40.0	60.0#
229	20.3	40.0	60.0#



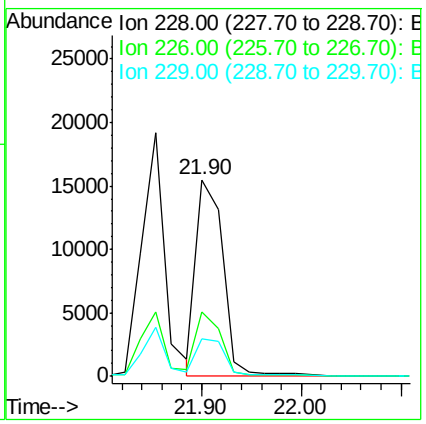


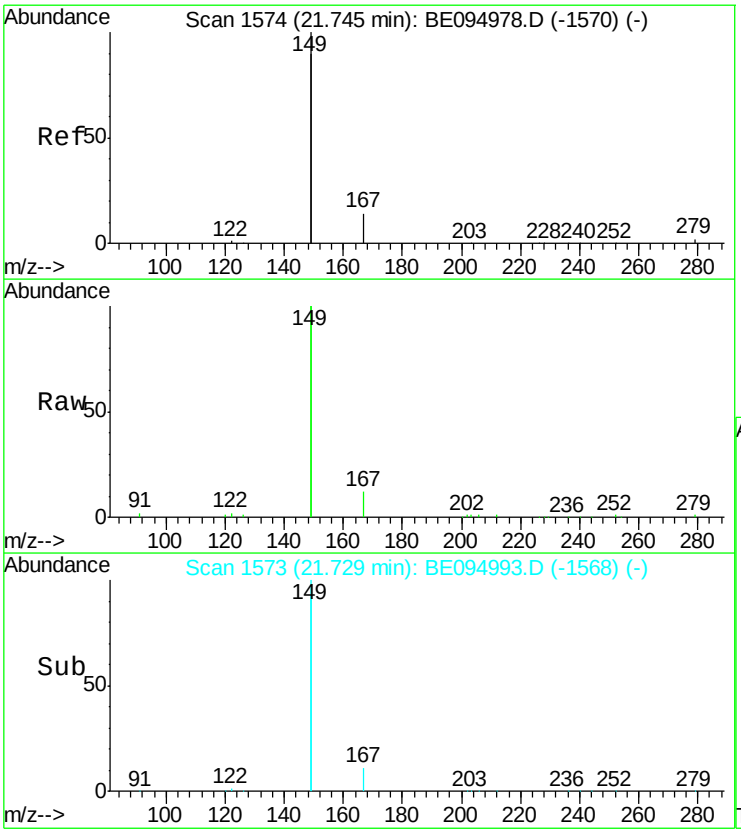
#31
Chrysene
Concen: 0.380 ng
RT: 21.90 min Scan# 1584
Delta R.T. -0.02 min
Lab File: BE094993.D
Acq: 15 Dec 2017 00:56

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:228 Resp: 30650

Ion	Ratio	Lower	Upper
228	100		
226	32.7	40.0	60.0#
229	19.3	40.0	60.0#

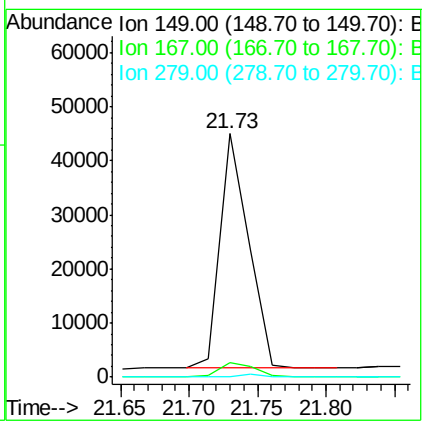


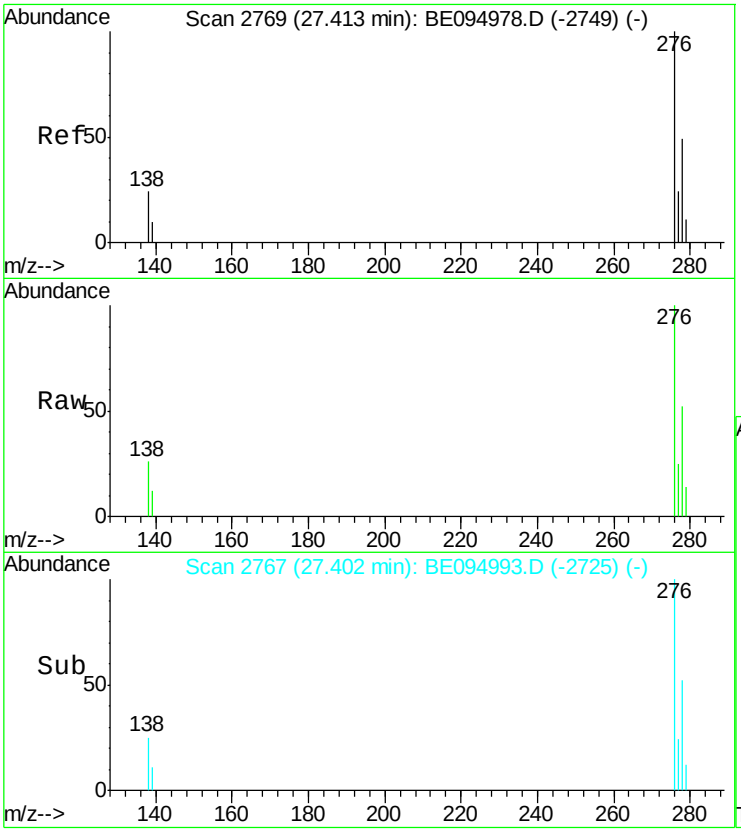


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.690 ng
RT: 21.73 min Scan# 1573
Delta R.T. -0.02 min
Lab File: BE094993.D
Acq: 15 Dec 2017 00:56

Tgt Ion:149 Resp: 63096

Ion	Ratio	Lower	Upper
149	100		
167	6.6	5.4	8.0
279	0.9	0.7	1.1



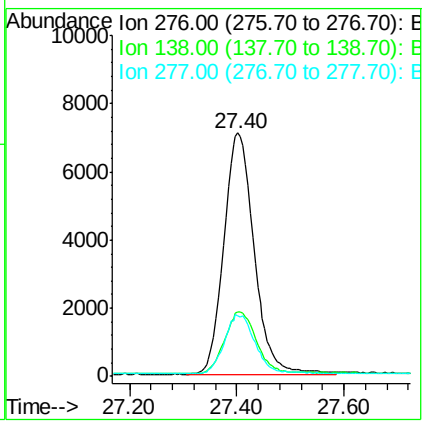


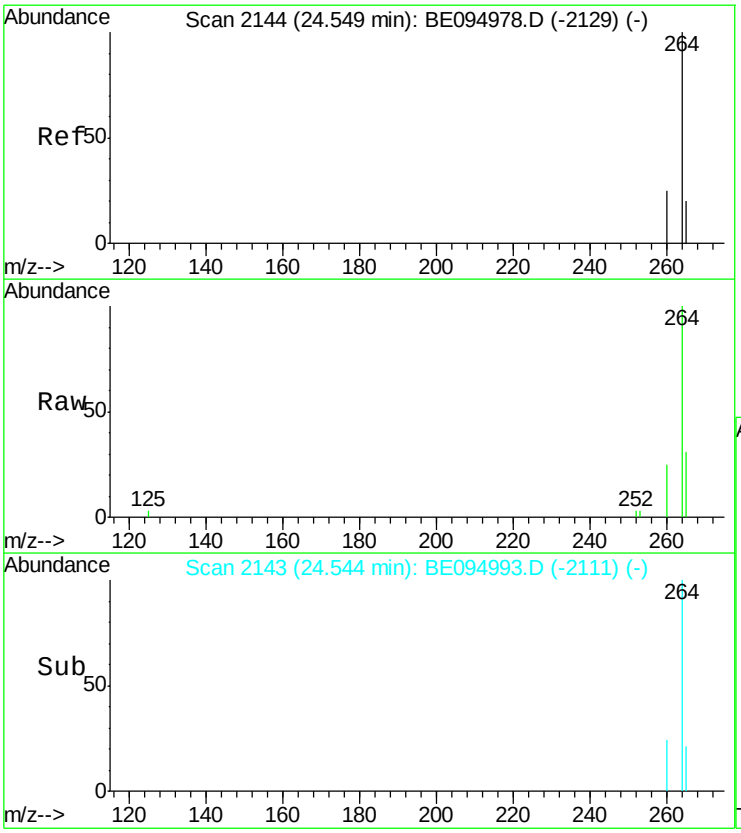
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.423 ng
RT: 27.40 min Scan# 2767
Delta R.T. -0.01 min
Lab File: BE094993.D
Acq: 15 Dec 2017 00:56

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:276 Resp: 27822

Ion	Ratio	Lower	Upper
276	100		
138	26.7	22.5	33.7
277	25.1	19.9	29.9

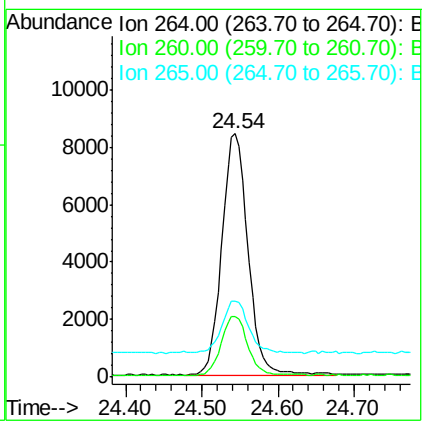


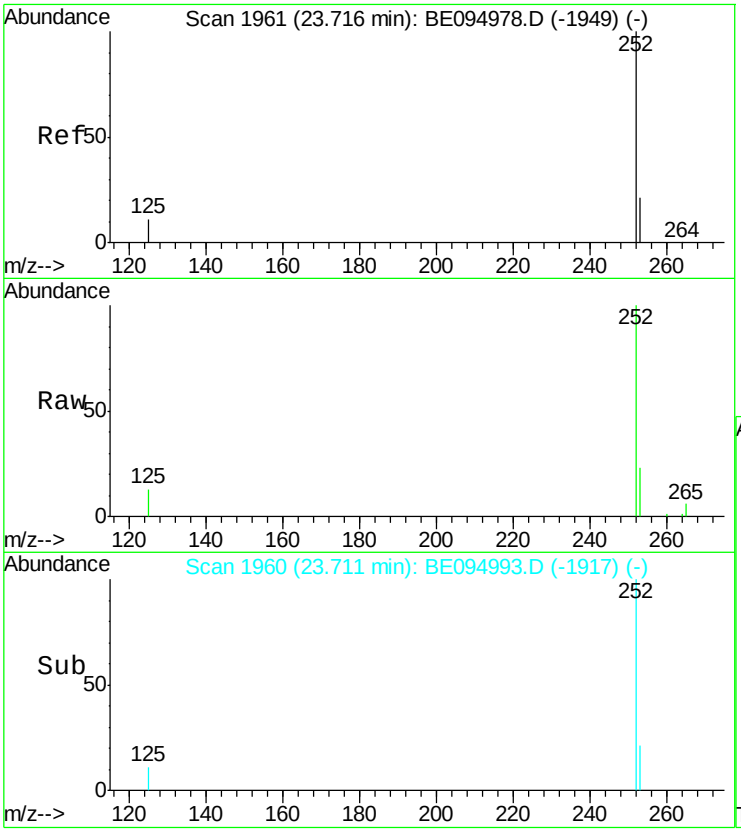


#34
Perylene-d12
Concen: 0.400 ng
RT: 24.54 min Scan# 2143
Delta R.T. -0.01 min
Lab File: BE094993.D
Acq: 15 Dec 2017 00:56

Tgt Ion:264 Resp: 19985

Ion	Ratio	Lower	Upper
264	100		
260	25.1	20.5	30.7
265	31.1	22.8	34.2



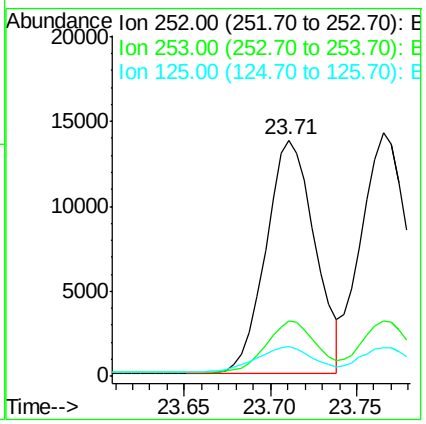


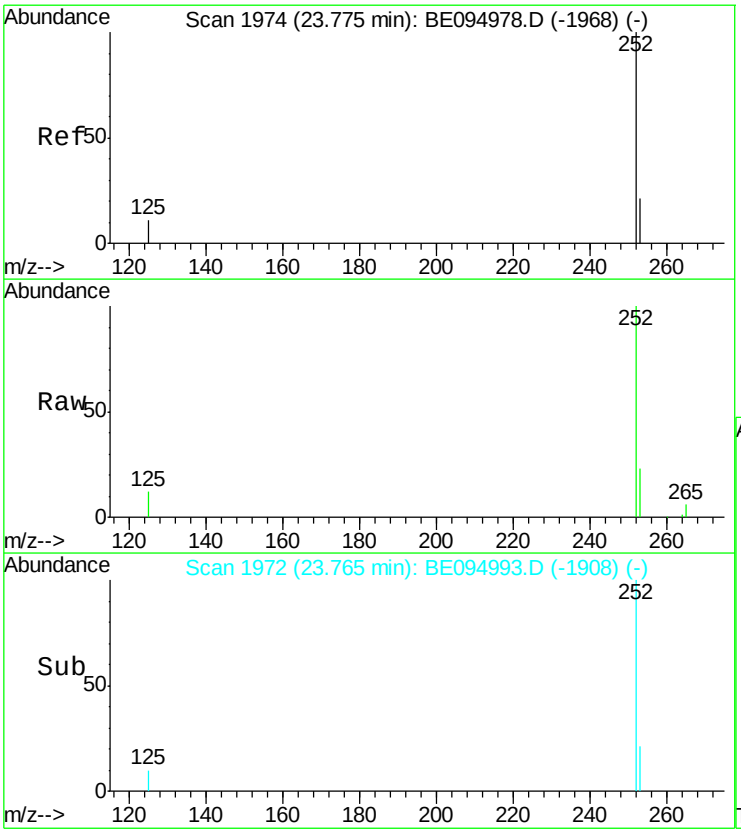
#35
Benzo(b)fluoranthene
Concen: 0.370 ng
RT: 23.71 min Scan# 1960
Delta R.T. -0.01 min
Lab File: BE094993.D
Acq: 15 Dec 2017 00:56

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:252 Resp: 27150

Ion	Ratio	Lower	Upper
252	100		
253	23.2	20.0	30.0
125	12.8	16.0	24.0#

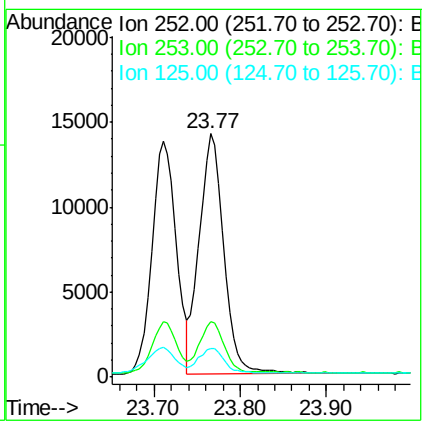


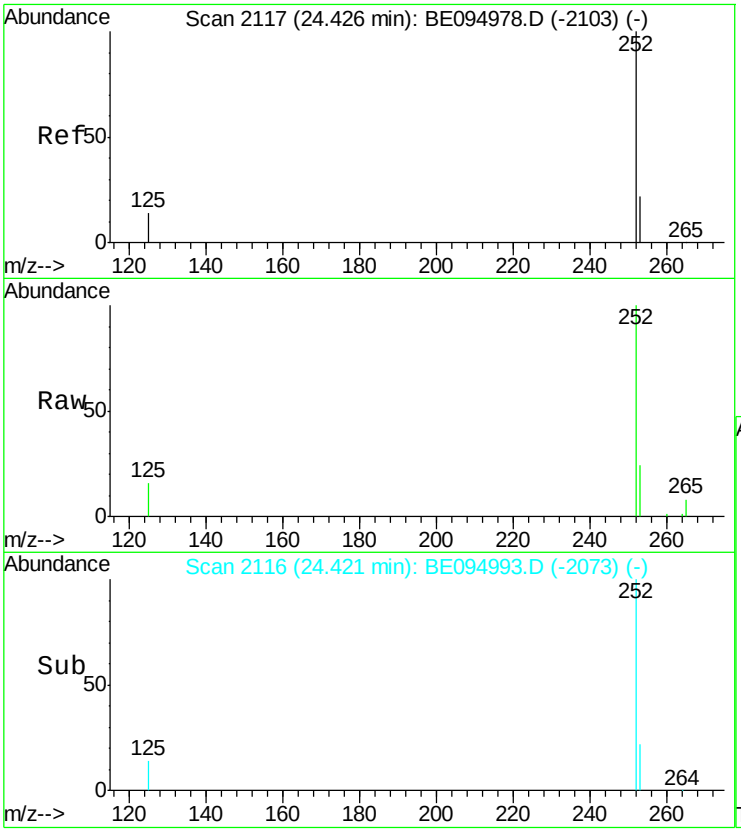


#36
Benzo(k)fluoranthene
Concen: 0.373 ng
RT: 23.77 min Scan# 1972
Delta R.T. -0.01 min
Lab File: BE094993.D
Acq: 15 Dec 2017 00:56

Tgt Ion:252 Resp: 27763

Ion	Ratio	Lower	Upper
252	100		
253	23.0	16.0	24.0
125	11.8	8.0	12.0



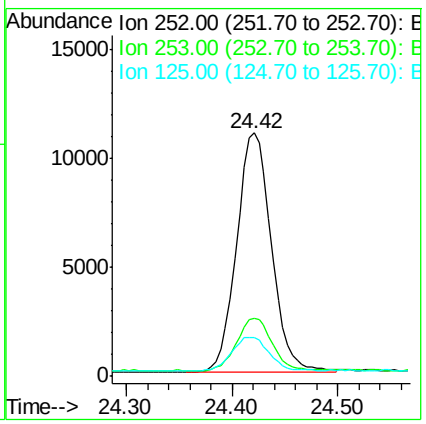


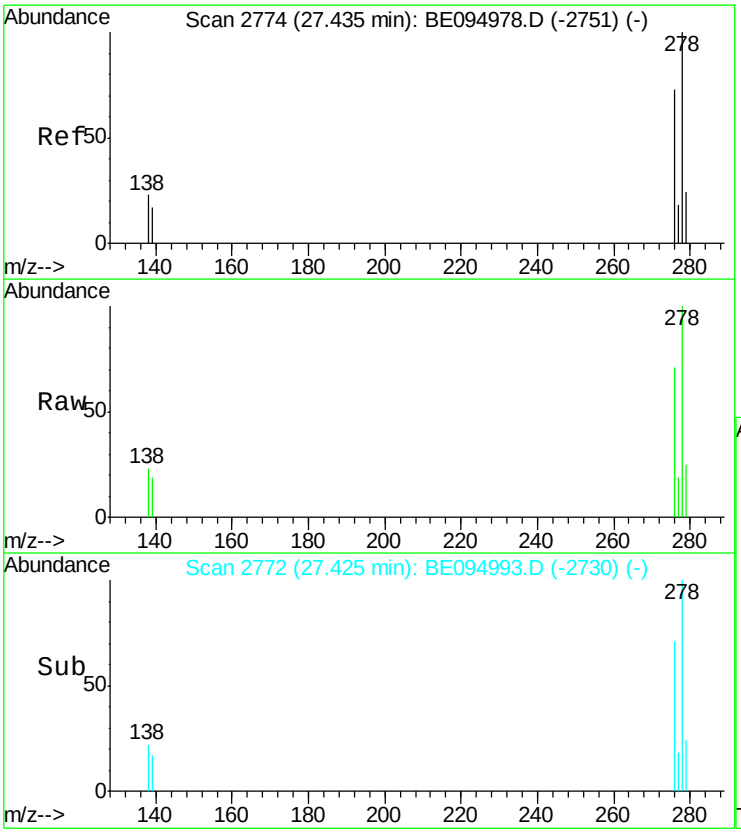
#37
Benzo(a)pyrene
Concen: 0.387 ng
RT: 24.42 min Scan# 2116
Delta R.T. -0.01 min
Lab File: BE094993.D
Acq: 15 Dec 2017 00:56

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:252 Resp: 25231

Ion	Ratio	Lower	Upper
252	100		
253	23.9	16.0	24.0
125	16.0	12.0	18.0

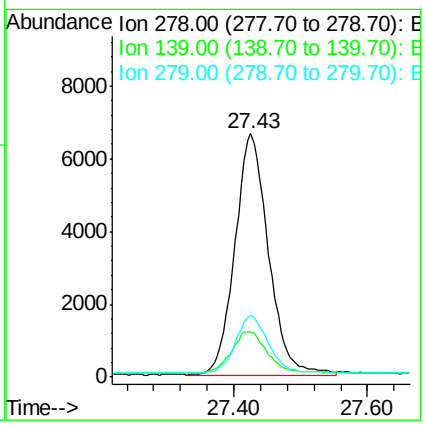


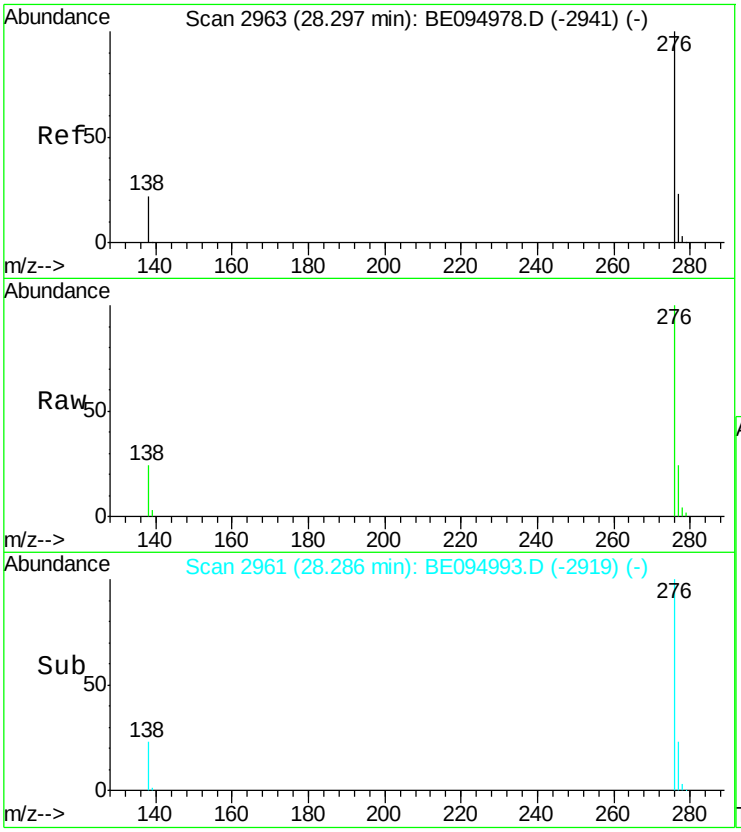


#38
Dibenzo(a,h)anthracene
Concen: 0.383 ng
RT: 27.43 min Scan# 2772
Delta R.T. -0.01 min
Lab File: BE094993.D
Acq: 15 Dec 2017 00:56

Tgt Ion:278 Resp: 23117

Ion	Ratio	Lower	Upper
278	100		
139	18.5	16.0	24.0
279	25.3	20.0	30.0





#39
Benzo(g,h,i)perylene
Concen: 0.378 ng
RT: 28.29 min Scan# 2961
Delta R.T. -0.01 min
Lab File: BE094993.D
Acq: 15 Dec 2017 00:56

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:276 Resp: 22746

Ion	Ratio	Lower	Upper
276	100		
277	24.3	16.0	24.0#
138	23.8	20.0	30.0