Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE101917\
Data File : BE094457.D
Acq On : 19 Oct 2017 21:30
Operator : SJ/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : SSTDCCC0.4

Quant Time: Oct 20 12:42:54 2017
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE101617.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 16 14:54:40 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.91	152	1311	0.40	ng		-0.01
7) Naphthalene-d8	10.69	136	6784	0.40	ng		-0.02
13) Acenaphthene-d10	14.51	164	4079	0.40	ng		-0.01
19) Phenanthrene-d10	17.24	188	7504	0.40	ng		-0.03
27) Chrysene-d12	21.43	240	9652	0.40	ng		0.00
34) Perylene-d12	23.95	264	9134	0.40	ng		-0.01
System Monitoring Compounds							
4) 2-Fluorophenol	5.51	112	1893	0.43	ng		0.00
5) Phenol-d6	7.13	99	2899	0.42	ng		0.00
8) Nitrobenzene-d5	9.08	82	2437	0.41	ng		0.00
11) 2-Methylnaphthalene-d10	12.29	152	4659	0.45	ng		0.00
14) 2,4,6-Tribromophenol	16.03	330	610	0.39	ng		0.00
15) 2-Fluorobiphenyl	13.15	172	6212	0.43	ng		0.00
25) Fluoranthene-d10	19.28	212	45084	0.37	ng		0.00
29) Terphenyl-d14	19.86	244	7735	0.40	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.42	88	938	0.422	ng	#	84
3) n-Nitrosodimethylamine	3.75	42	877	0.385	ng	#	93
6) bis(2-Chloroethyl)ether	7.33	93	2182	0.427	ng		90
9) Naphthalene	10.74	128	33209	0.438	ng		100
10) Hexachlorobutadiene	11.01	225	1265	0.417	ng		97
12) 2-Methylnaphthalene	12.36	142	5623	0.450	ng		99
16) Acenaphthylene	14.24	152	9286	0.420	ng		100
17) Acenaphthene	14.58	154	5846	0.420	ng		98
18) Fluorene	15.56	166	7480	0.416	ng		97
20) 4-Bromophenyl-phenylether	16.42	248	1727	0.460	ng	#	18
21) Hexachlorobenzene	16.58	284	1999	0.280	ng	#	38
22) Pentachlorophenol	16.97	266	248	0.470	ng		87
23) Phenanthrene	17.30	178	9091	0.308	ng		98
24) Anthracene	17.30	178	9091	0.398	ng		97
26) Fluoranthene	19.31	202	13640	0.372	ng		100
28) Pyrene	19.67	202	14274	0.392	ng		99
30) Benzo(a)anthracene	21.40	228	13631	0.408	ng	#	62
31) Chrysene	21.46	228	13183	0.410	ng	#	65
32) Bis(2-ethylhexyl)phthalate	21.29	149	34141	0.355	ng		100
33) Indeno(1,2,3-cd)pyrene	26.63	276	13144	0.406	ng		99
35) Benzo(b)fluoranthene	23.17	252	12725	0.411	ng	#	43
36) Benzo(k)fluoranthene	23.22	252	12795	0.419	ng	#	43
37) Benzo(a)pyrene	23.84	252	11974	0.411	ng	#	37
38) Dibenzo(a,h)anthracene	26.63	278	11450	0.415	ng	#	47
39) Benzo(g,h,i)perylene	27.47	276	11028	0.416	ng	#	56

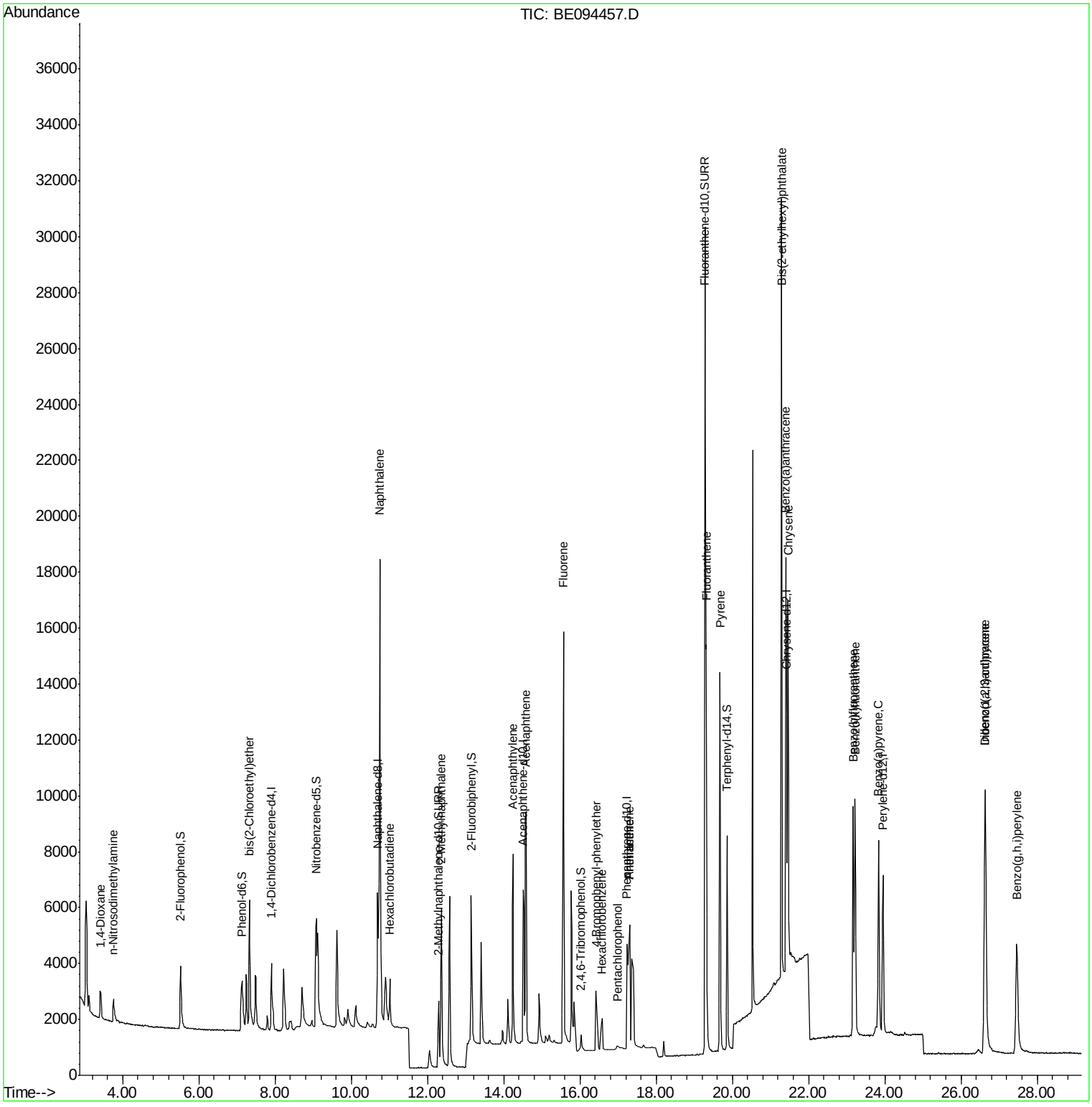
(#) = qualifier out of range (m) = manual integration (+) = signals summed

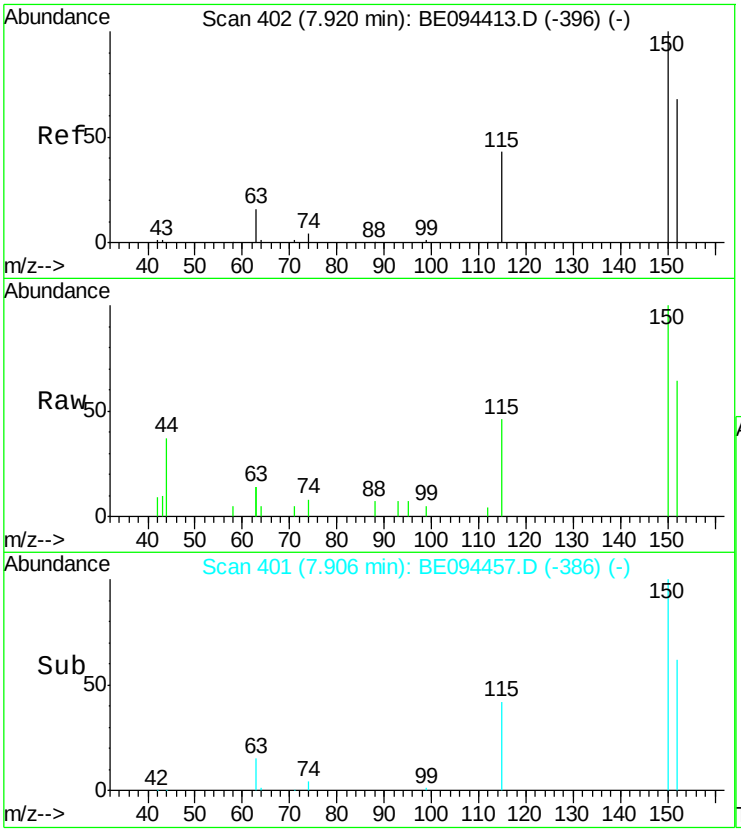
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE101917\
Data File : BE094457.D
Acq On : 19 Oct 2017 21:30
Operator : SJ/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Quant Time: Oct 20 12:42:54 2017
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE101617.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 16 14:54:40 2017
Response via : Initial Calibration



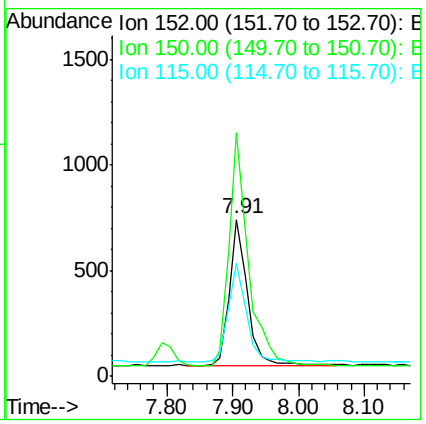


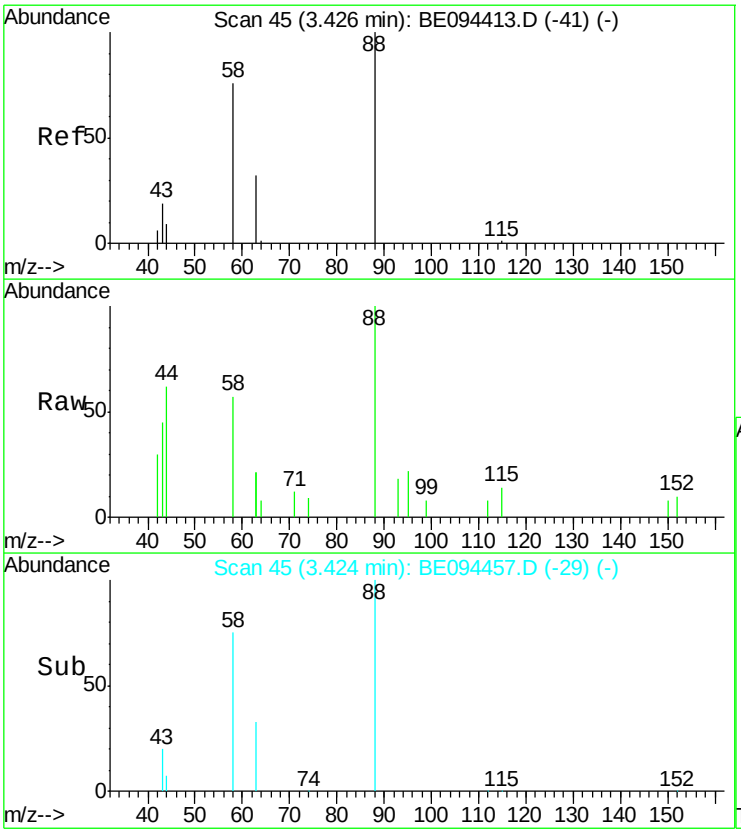
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.91 min Scan# 401
Delta R.T. -0.01 min
Lab File: BE094457.D
Acq: 19 Oct 2017 21:30

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:152 Resp: 1311

Ion	Ratio	Lower	Upper
152	100		
150	155.5	117.2	175.8
115	72.1	57.0	85.6

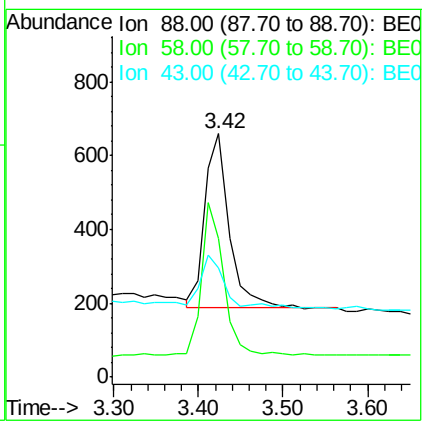


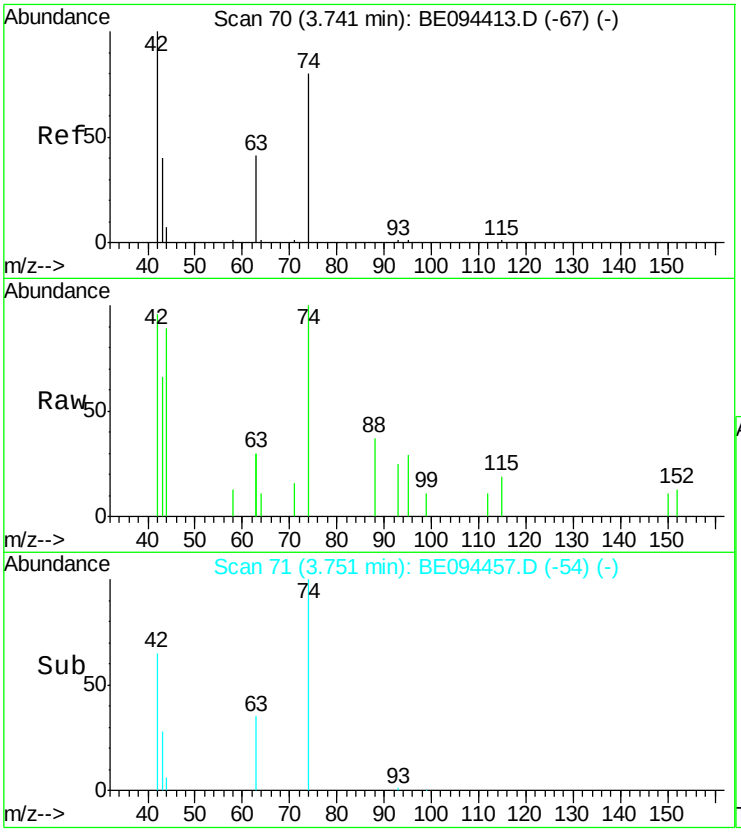


#2
1,4-Dioxane
Concen: 0.422 ng
RT: 3.42 min Scan# 45
Delta R.T. -0.00 min
Lab File: BE094457.D
Acq: 19 Oct 2017 21:30

Tgt Ion: 88 Resp: 938

Ion	Ratio	Lower	Upper
88	100		
58	80.9	63.2	94.8
43	25.5	41.2	61.8#



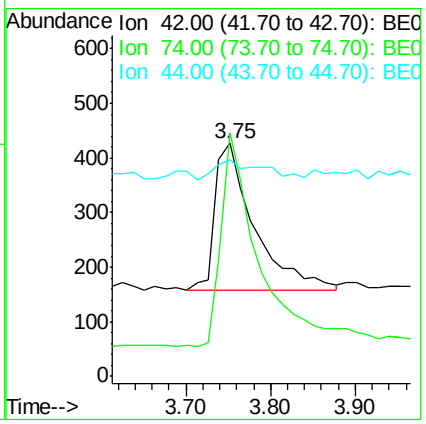


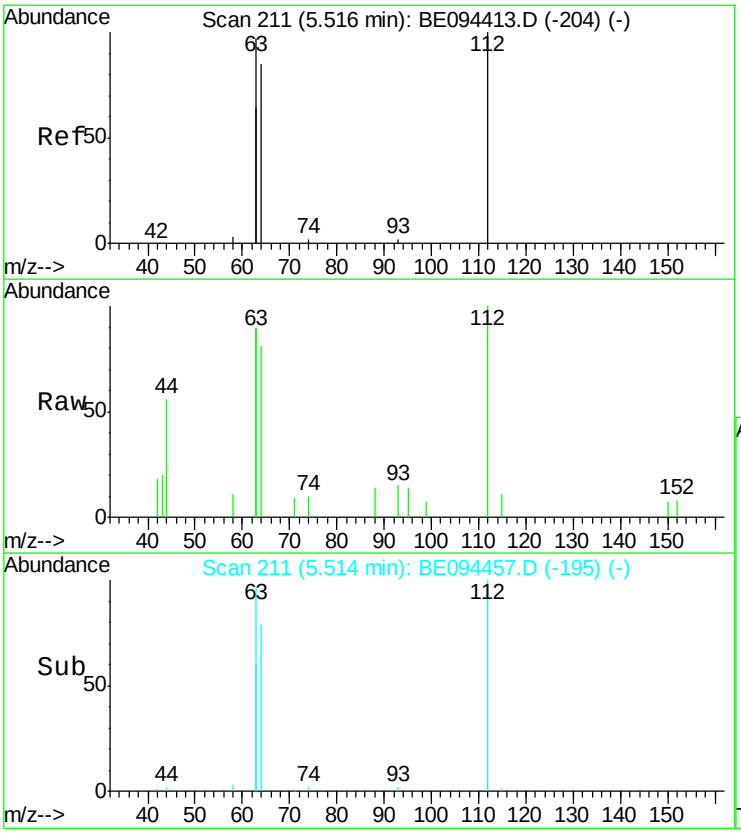
#3
n-Nitrosodimethylamine
Concen: 0.385 ng
RT: 3.75 min Scan# 71
Delta R.T. 0.01 min
Lab File: BE094457.D
Acq: 19 Oct 2017 21:30

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion: 42 Resp: 877

Ion	Ratio	Lower	Upper
42	100		
74	132.4	100.3	150.5
44	16.6	17.0	25.4#

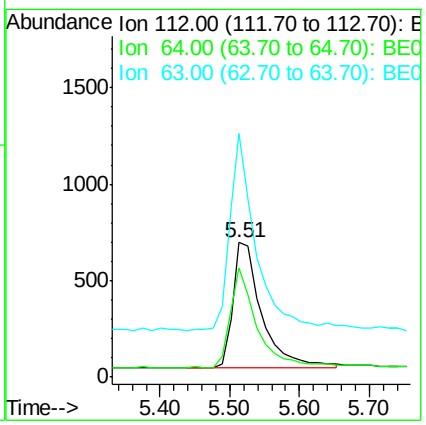


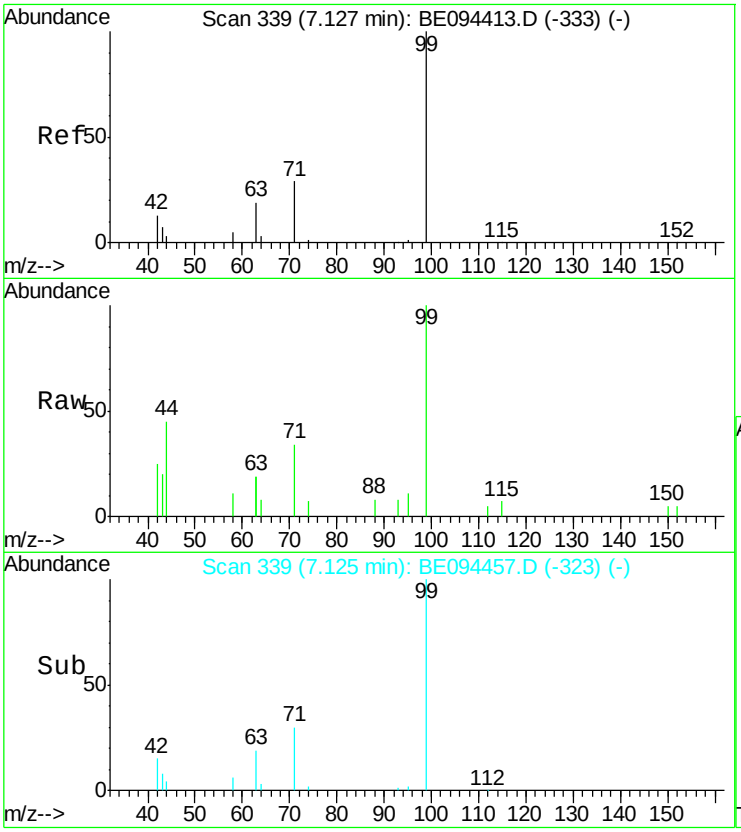


#4
2-Fluorophenol
Concen: 0.427 ng
RT: 5.51 min Scan# 211
Delta R.T. -0.00 min
Lab File: BE094457.D
Acq: 19 Oct 2017 21:30

Tgt Ion:112 Resp: 1893

Ion	Ratio	Lower	Upper
112	100		
64	72.6	60.1	90.1
63	140.8	116.8	175.2



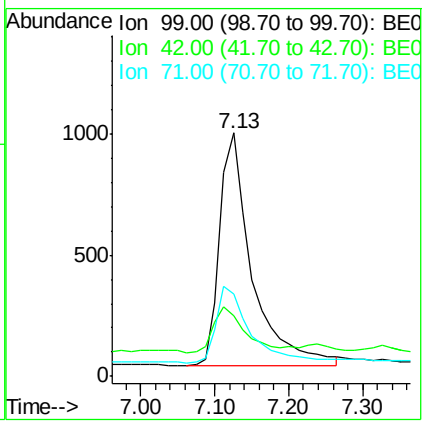


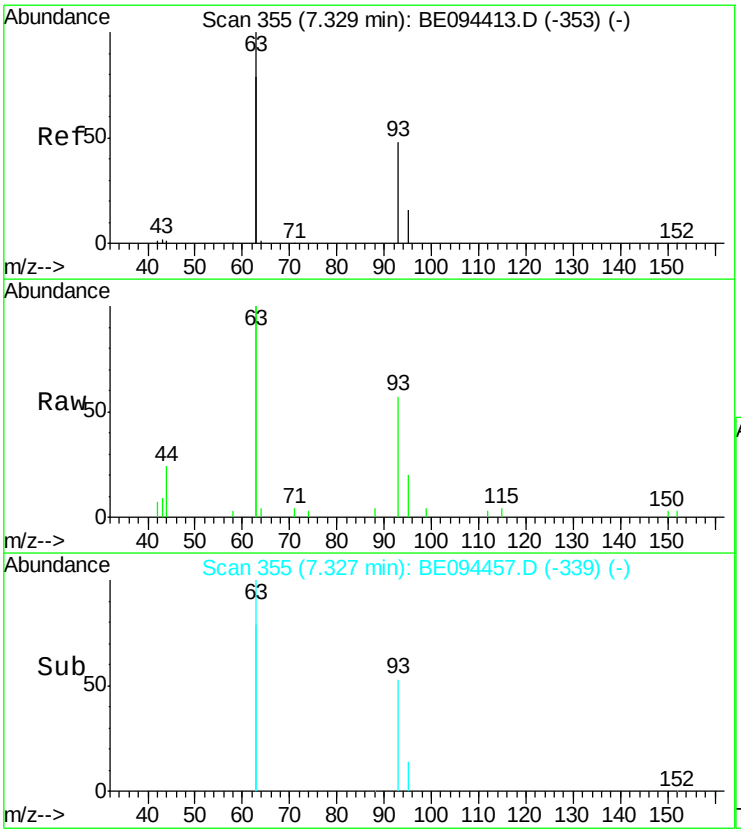
#5
Phenol-d6
Concen: 0.420 ng
RT: 7.13 min Scan# 339
Delta R.T. -0.00 min
Lab File: BE094457.D
Acq: 19 Oct 2017 21:30

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion: 99 Resp: 2899

Ion	Ratio	Lower	Upper
99	100		
42	18.7	20.2	30.2#
71	34.7	28.4	42.6

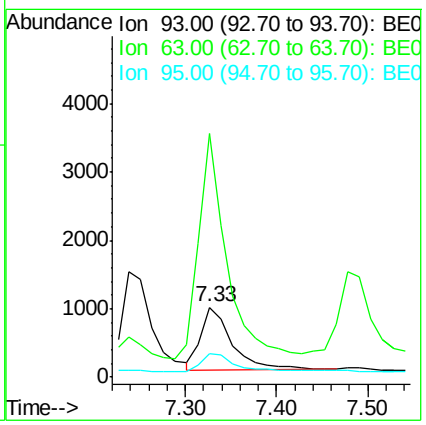


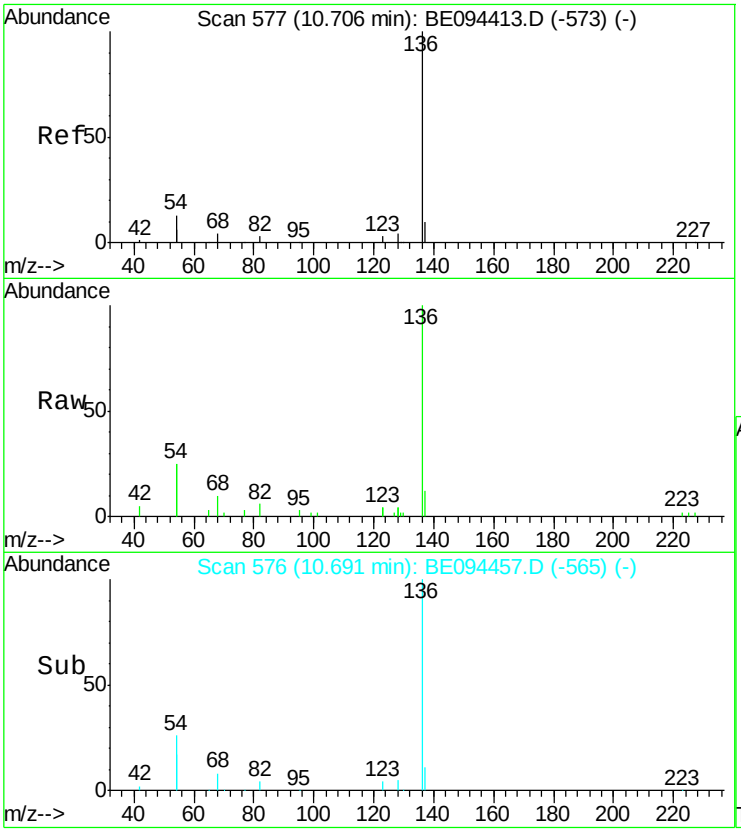


#6
bis(2-Chloroethyl)ether
Concen: 0.427 ng
RT: 7.33 min Scan# 355
Delta R.T. -0.00 min
Lab File: BE094457.D
Acq: 19 Oct 2017 21:30

Tgt Ion: 93 Resp: 2182

Ion	Ratio	Lower	Upper
93	100		
63	321.8	275.3	412.9
95	29.8	25.2	37.8



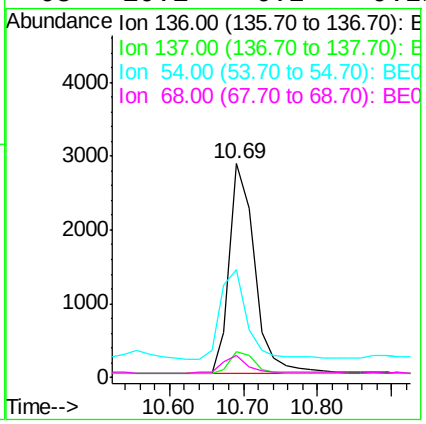


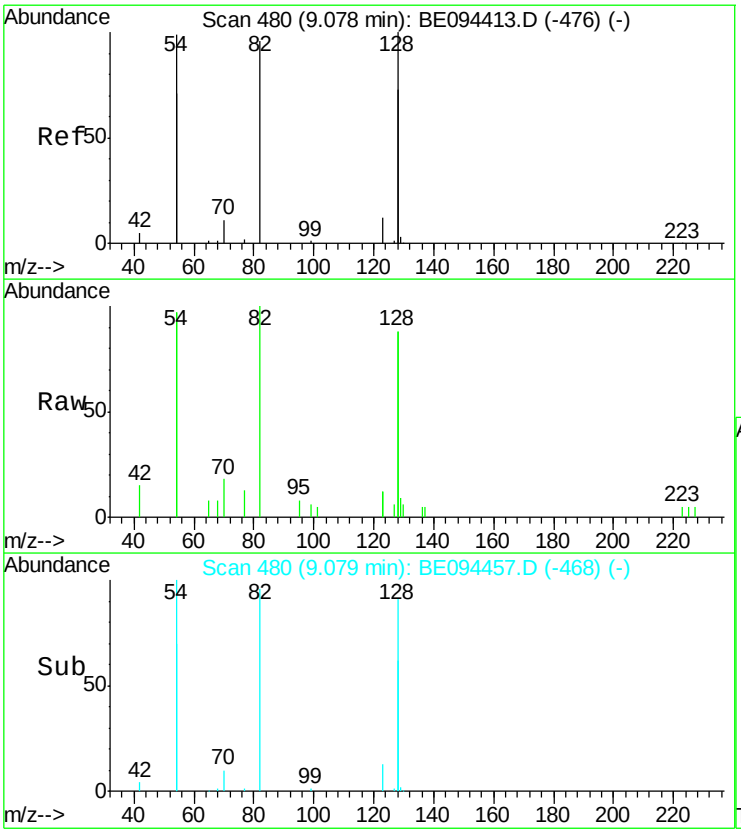
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.69 min Scan# 576
Delta R.T. -0.02 min
Lab File: BE094457.D
Acq: 19 Oct 2017 21:30

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:136 Resp: 6784

Ion	Ratio	Lower	Upper
136	100		
137	12.1	9.5	14.3
54	50.5	29.1	43.7#
68	10.1	6.2	9.2#

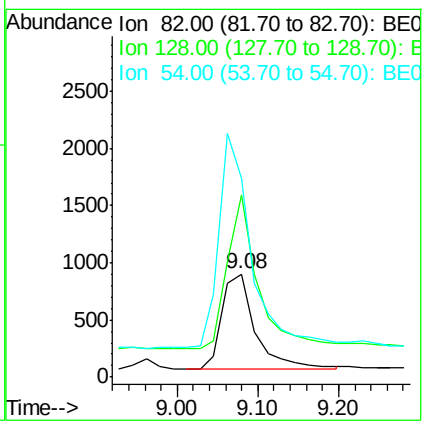


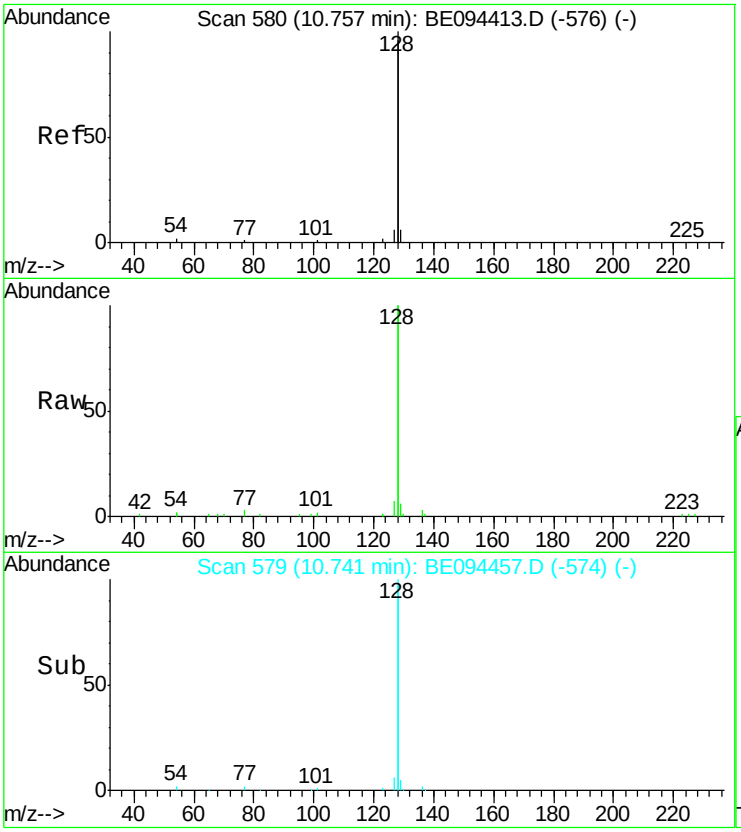


#8
Nitrobenzene-d5
Concen: 0.413 ng
RT: 9.08 min Scan# 480
Delta R.T. 0.00 min
Lab File: BE094457.D
Acq: 19 Oct 2017 21:30

Tgt Ion: 82 Resp: 2437

Ion	Ratio	Lower	Upper
82	100		
128	176.7	150.0	225.0
54	193.6	154.2	231.4



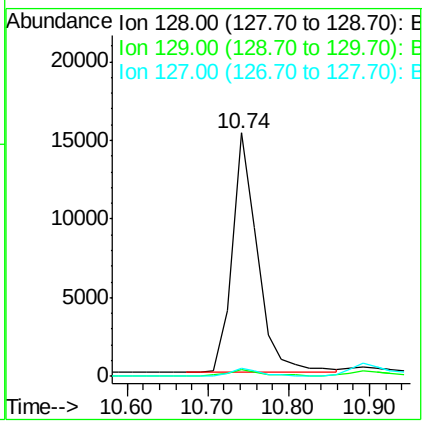


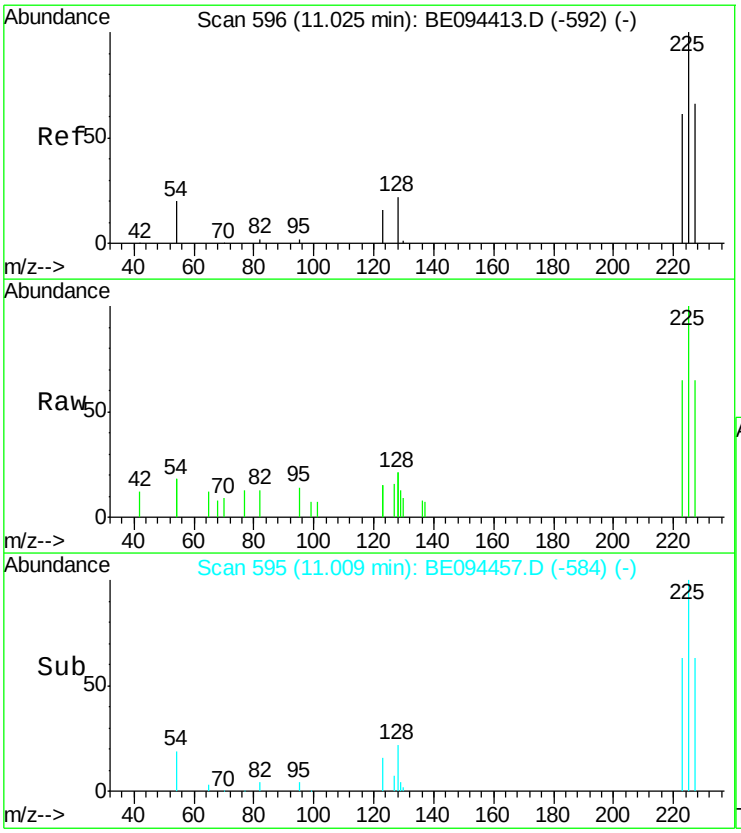
#9
Naphthalene
Concen: 0.438 ng
RT: 10.74 min Scan# 579
Delta R.T. -0.02 min
Lab File: BE094457.D
Acq: 19 Oct 2017 21:30

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:128 Resp: 33209

Ion	Ratio	Lower	Upper
128	100		
129	3.0	2.6	3.8
127	3.5	2.8	4.2

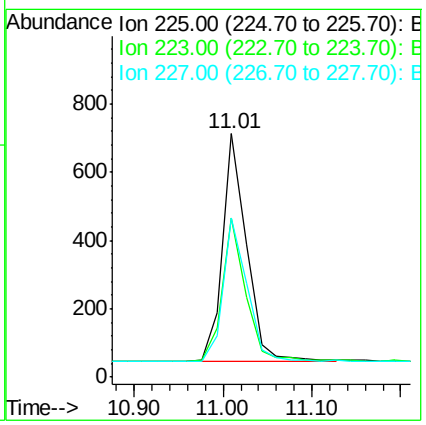


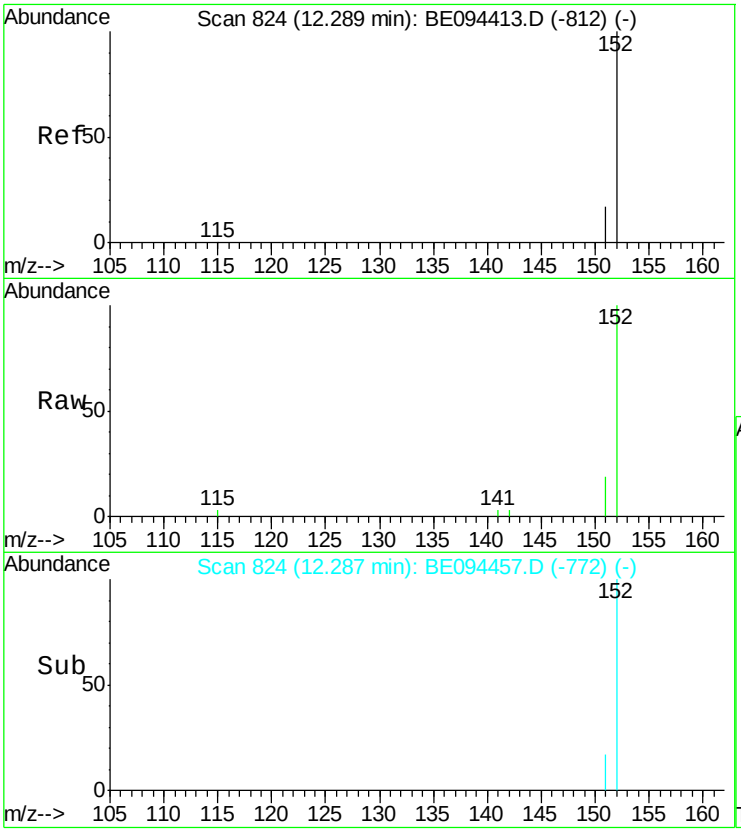


#10
Hexachlorobutadiene
Concen: 0.417 ng
RT: 11.01 min Scan# 595
Delta R.T. -0.02 min
Lab File: BE094457.D
Acq: 19 Oct 2017 21:30

Tgt Ion:225 Resp: 1265

Ion	Ratio	Lower	Upper
225	100		
223	61.9	53.0	79.6
227	63.5	51.4	77.2



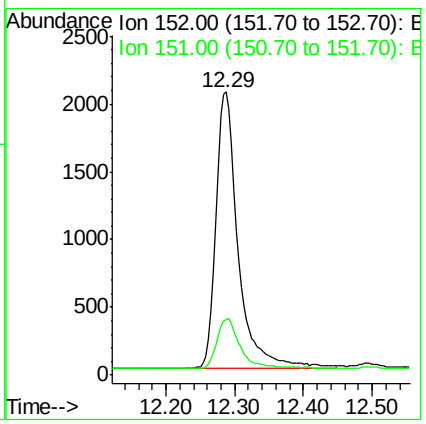


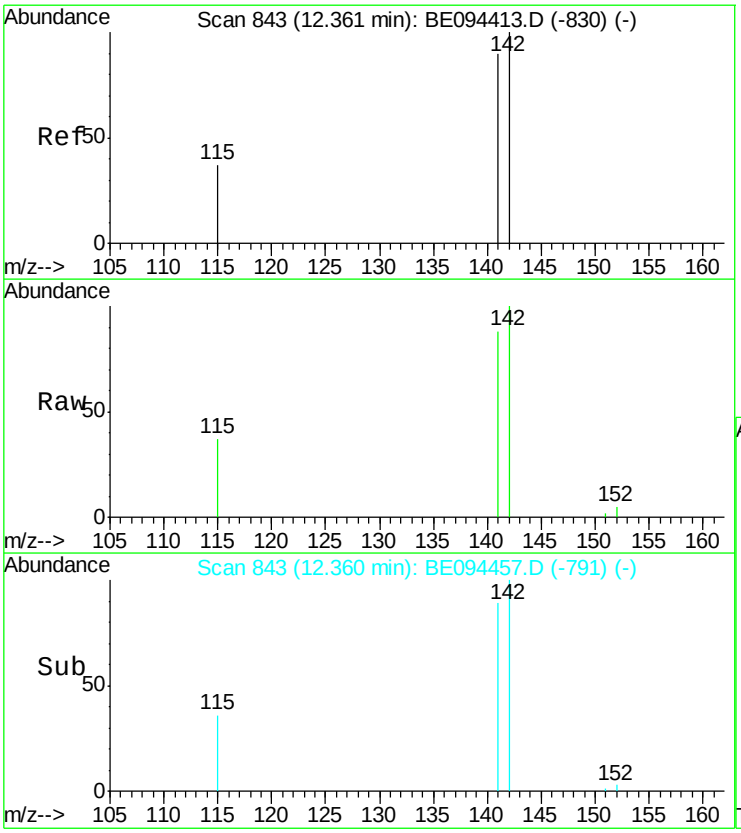
#11
2-Methylnaphthalene-d10
Concen: 0.446 ng
RT: 12.29 min Scan# 824
Delta R.T. -0.00 min
Lab File: BE094457.D
Acq: 19 Oct 2017 21:30

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:152 Resp: 4659

Ion	Ratio	Lower	Upper
152	100		
151	18.4	15.4	23.0

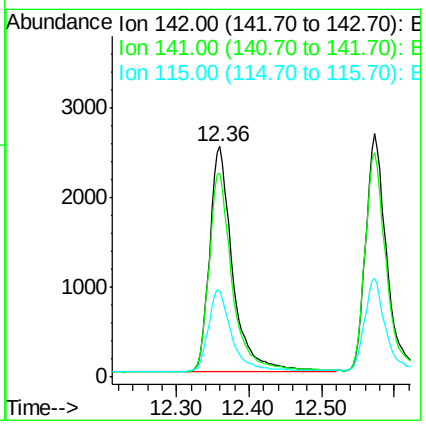


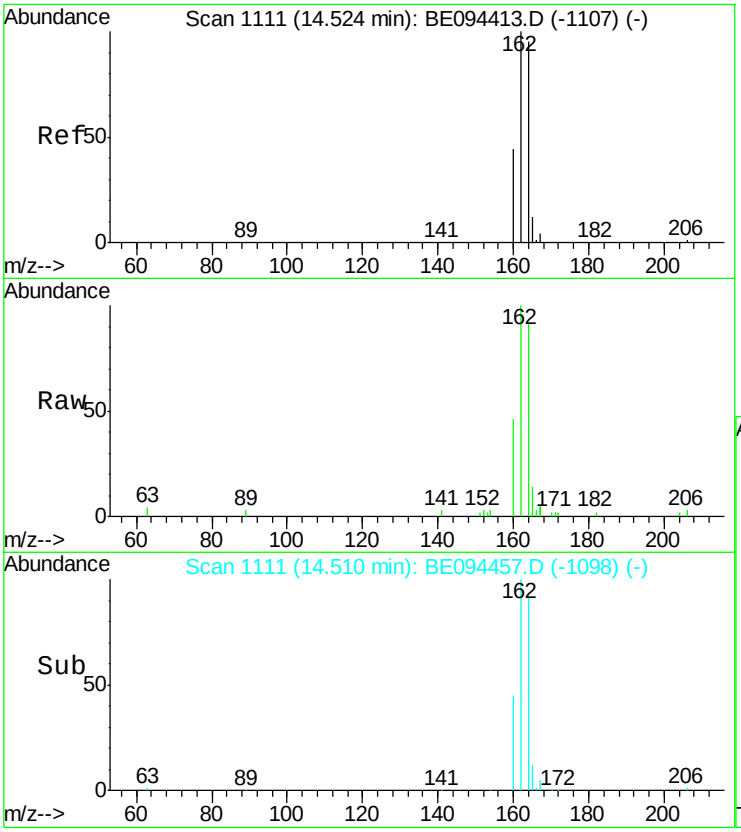


#12
2-Methylnaphthalene
Concen: 0.450 ng
RT: 12.36 min Scan# 843
Delta R.T. -0.00 min
Lab File: BE094457.D
Acq: 19 Oct 2017 21:30

Tgt Ion:142 Resp: 5623

Ion	Ratio	Lower	Upper
142	100		
141	88.5	70.4	105.6
115	37.4	31.7	47.5



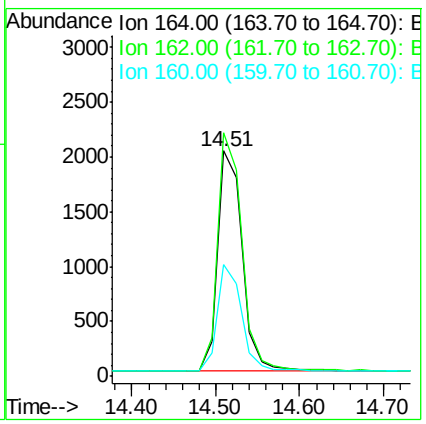


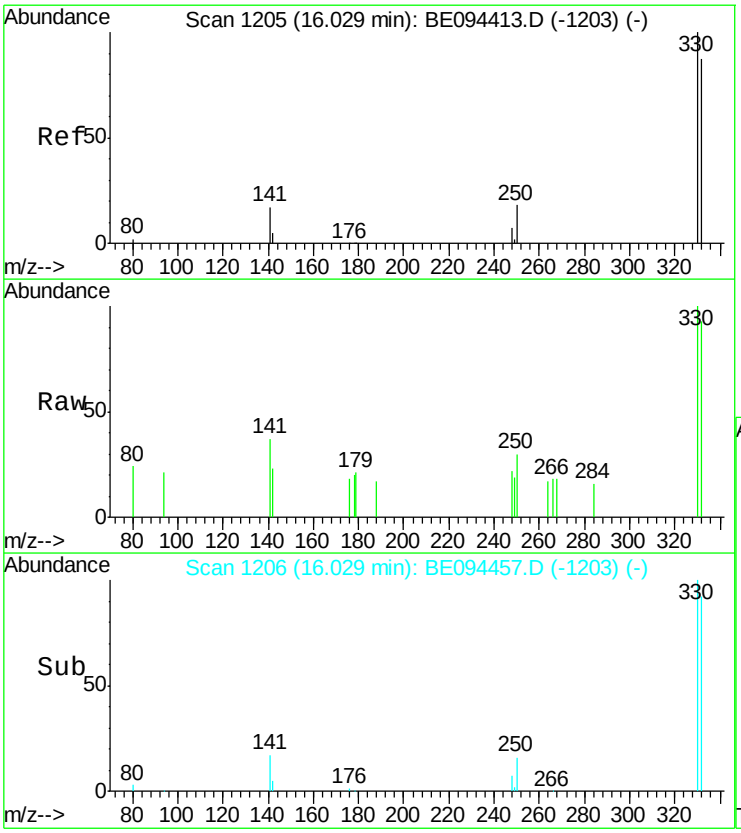
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.51 min Scan# 1111
Delta R.T. -0.01 min
Lab File: BE094457.D
Acq: 19 Oct 2017 21:30

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:164 Resp: 4079

Ion	Ratio	Lower	Upper
164	100		
162	108.2	83.1	124.7
160	49.7	37.1	55.7

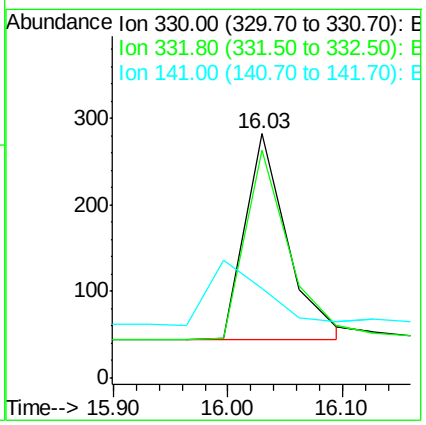


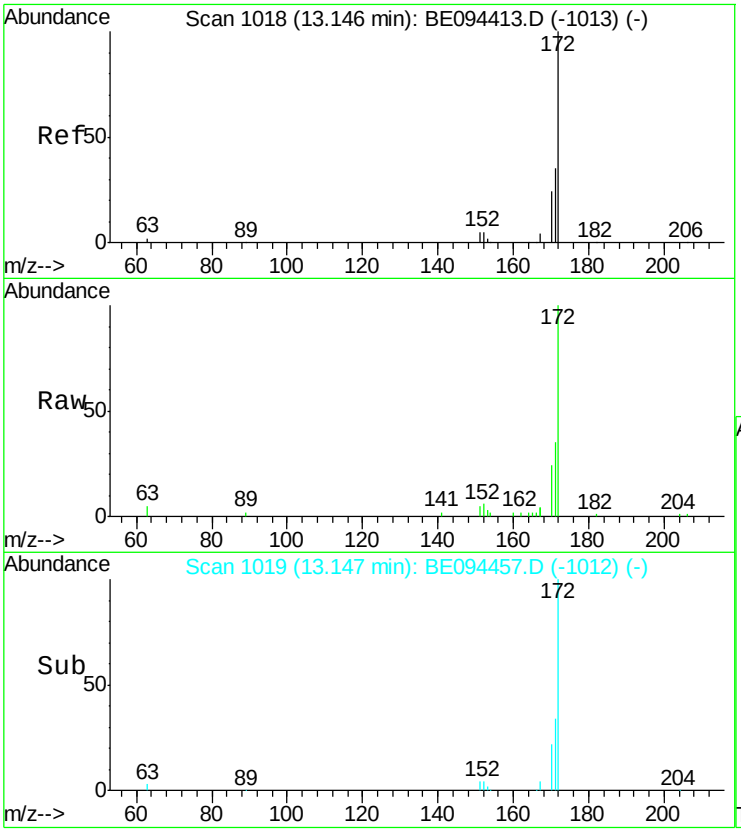


#14
2,4,6-Tribromophenol
Concen: 0.393 ng
RT: 16.03 min Scan# 1206
Delta R.T. 0.00 min
Lab File: BE094457.D
Acq: 19 Oct 2017 21:30

Tgt Ion:330 Resp: 610

Ion	Ratio	Lower	Upper
330	100		
332	95.6	152.7	229.1#
141	0.0	33.7	50.5#



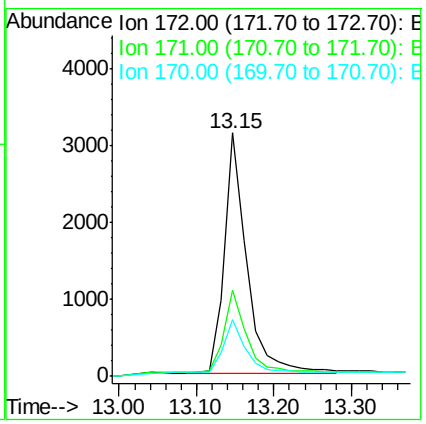


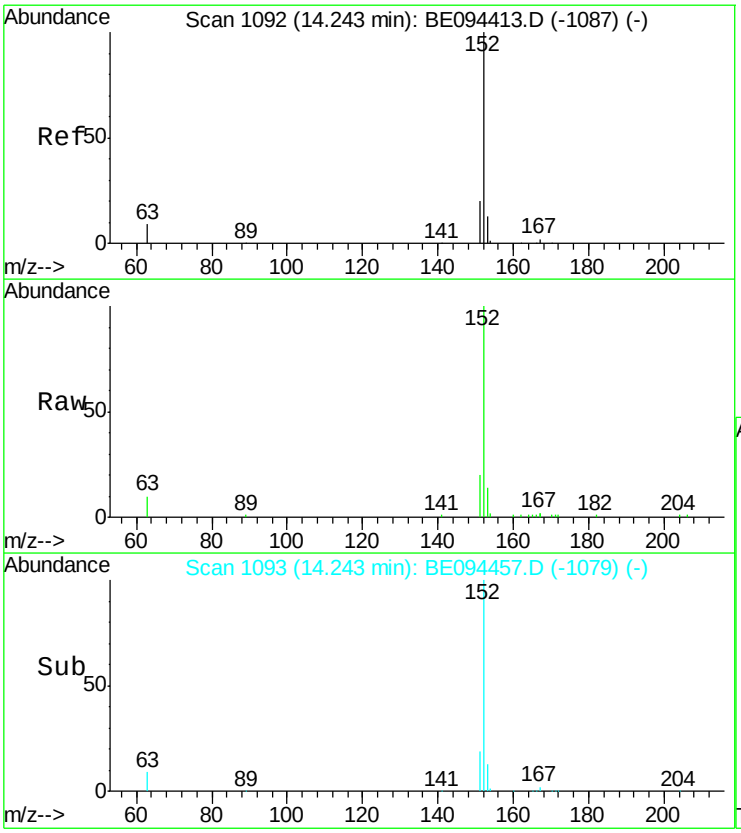
#15
2-Fluorobiphenyl
Concen: 0.427 ng
RT: 13.15 min Scan# 1019
Delta R.T. 0.00 min
Lab File: BE094457.D
Acq: 19 Oct 2017 21:30

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:172 Resp: 6212

Ion	Ratio	Lower	Upper
172	100		
171	35.2	29.9	44.9
170	23.5	21.8	32.8

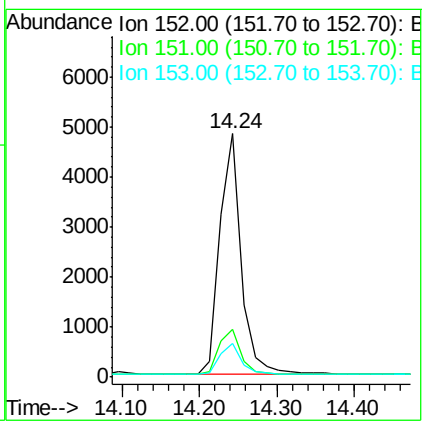


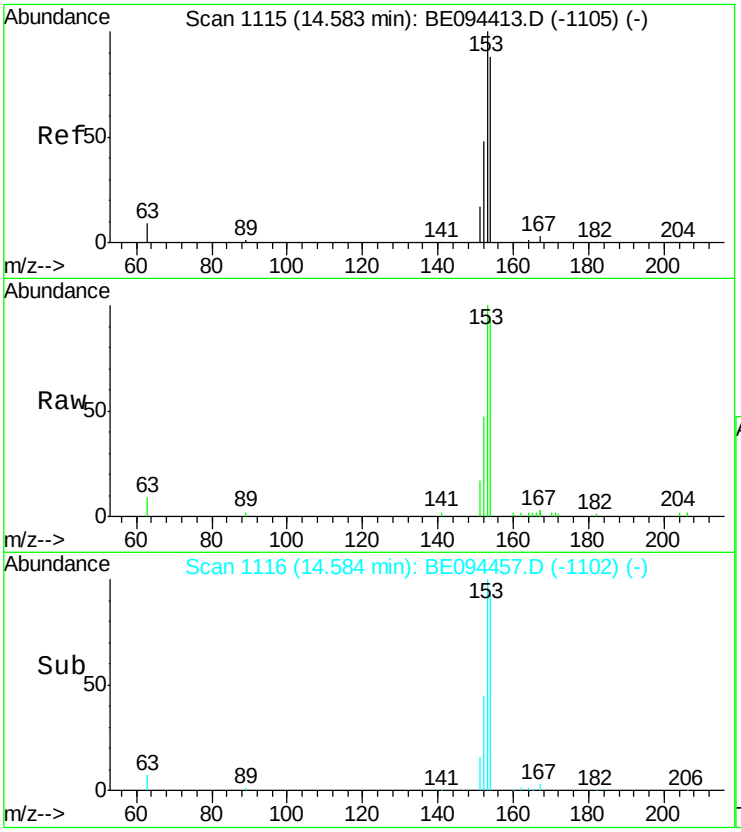


#16
Acenaphthylene
Concen: 0.420 ng
RT: 14.24 min Scan# 1093
Delta R.T. 0.00 min
Lab File: BE094457.D
Acq: 19 Oct 2017 21:30

Tgt Ion:152 Resp: 9286

Ion	Ratio	Lower	Upper
152	100		
151	19.5	15.7	23.5
153	13.1	10.5	15.7



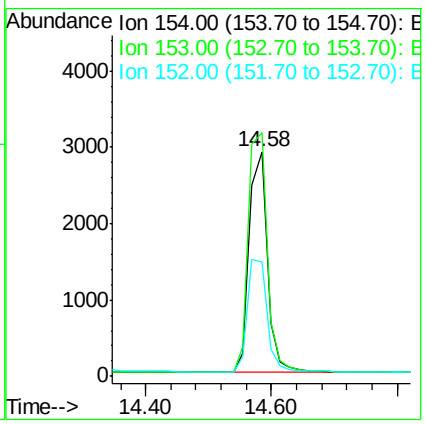


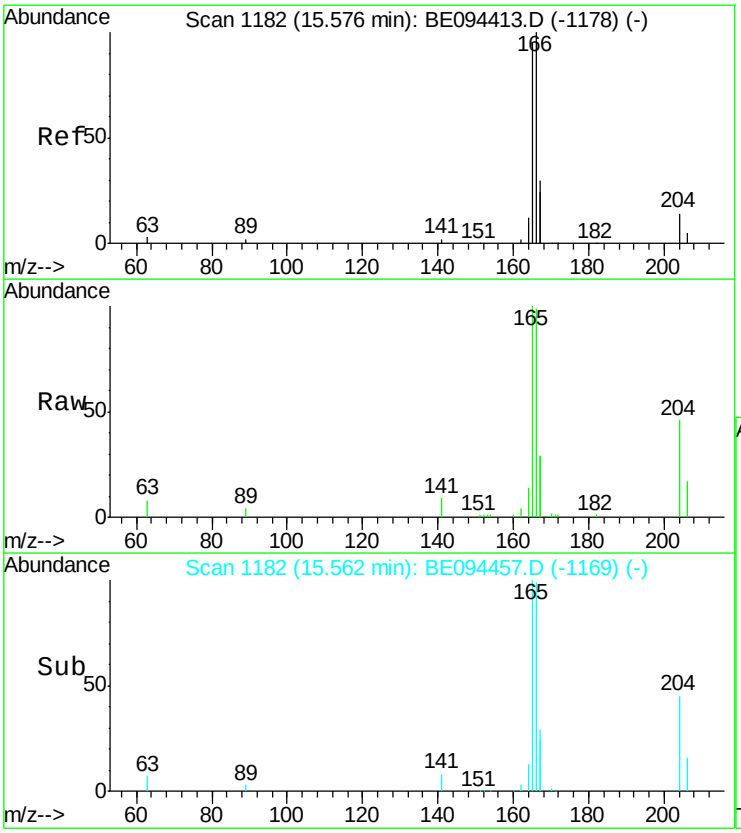
#17
Acenaphthene
Concen: 0.420 ng
RT: 14.58 min Scan# 1116
Delta R.T. 0.00 min
Lab File: BE094457.D
Acq: 19 Oct 2017 21:30

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:154 Resp: 5846

Ion	Ratio	Lower	Upper
154	100		
153	113.1	89.2	133.8
152	54.2	42.0	63.0

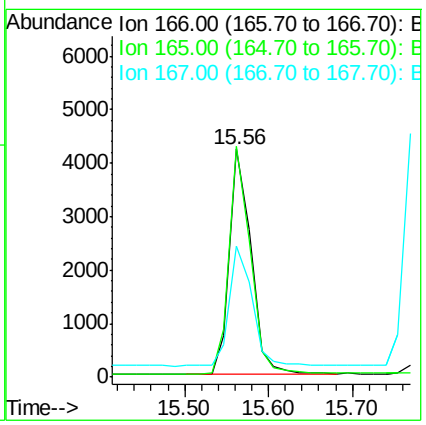


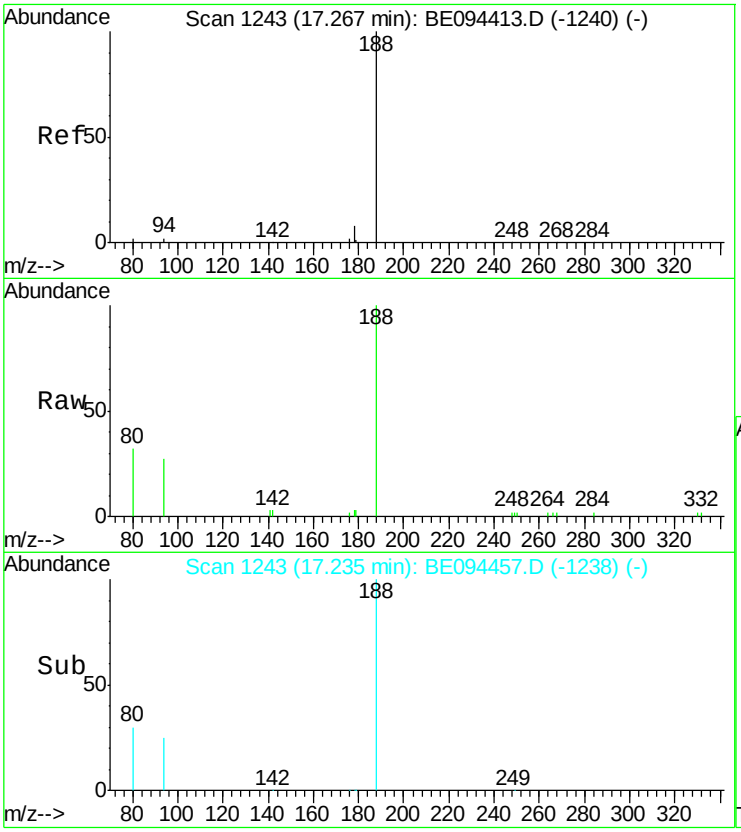


#18
Fluorene
Concen: 0.416 ng
RT: 15.56 min Scan# 1182
Delta R.T. -0.01 min
Lab File: BE094457.D
Acq: 19 Oct 2017 21:30

Tgt Ion:166 Resp: 7480

Ion	Ratio	Lower	Upper
166	100		
165	98.9	77.8	116.6
167	56.1	42.4	63.6



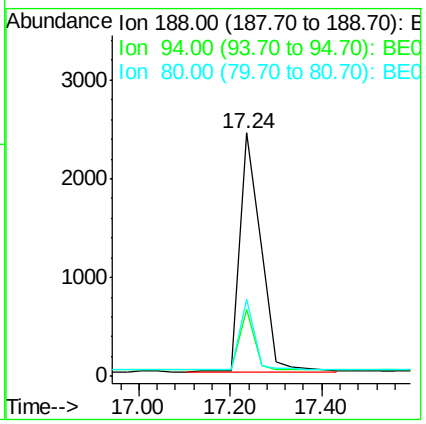


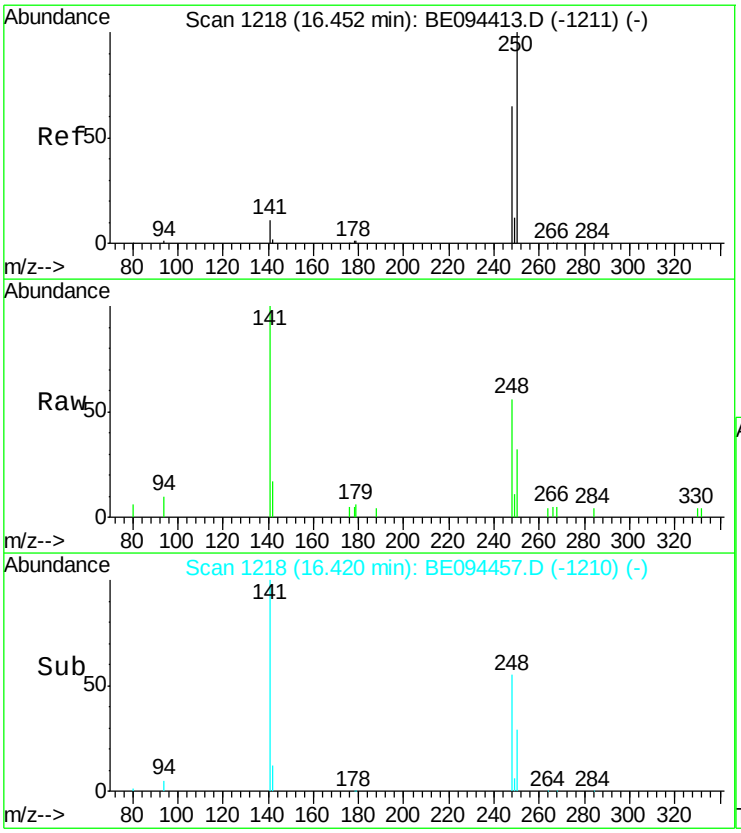
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.24 min Scan# 1243
Delta R.T. -0.03 min
Lab File: BE094457.D
Acq: 19 Oct 2017 21:30

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:188 Resp: 7504

Ion	Ratio	Lower	Upper
188	100		
94	27.4	3.9	5.9#
80	31.8	3.6	5.4#

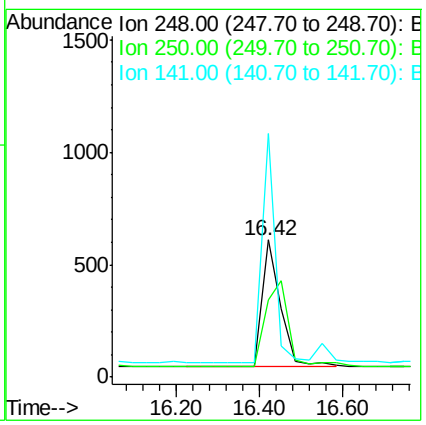


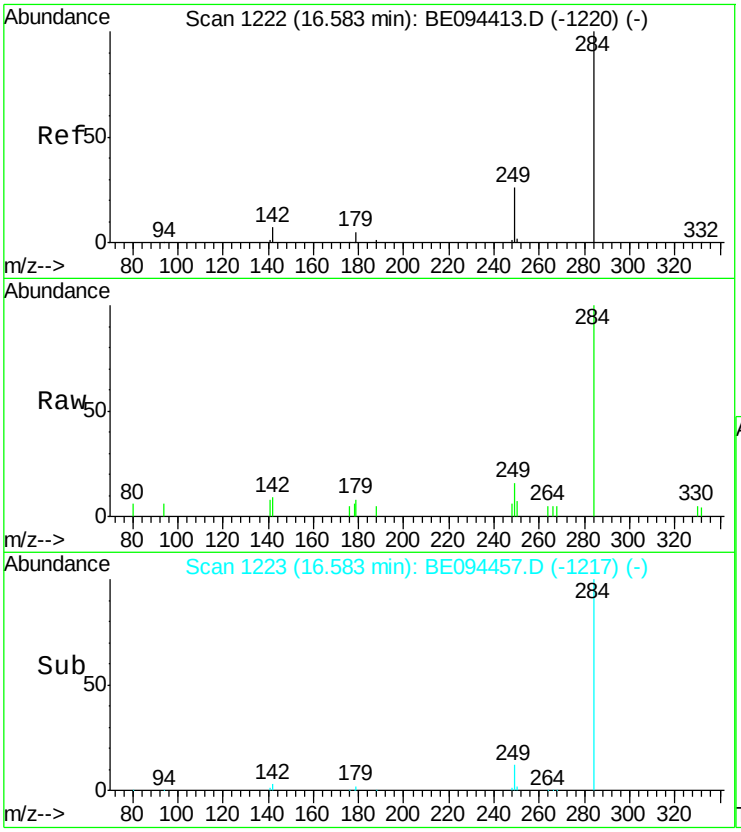


#20
4-Bromophenyl-phenylether
Concen: 0.460 ng
RT: 16.42 min Scan# 1218
Delta R.T. -0.03 min
Lab File: BE094457.D
Acq: 19 Oct 2017 21:30

Tgt Ion:248 Resp: 1727

Ion	Ratio	Lower	Upper
248	100		
250	56.2	62.7	94.1#
141	177.8	48.2	72.2#



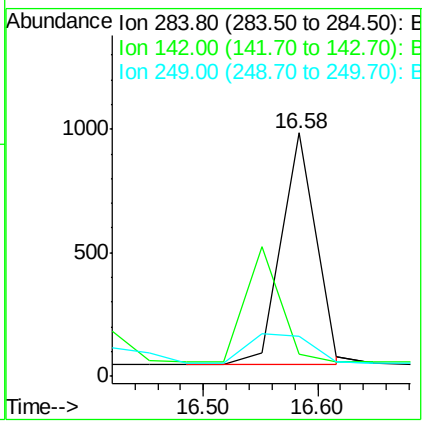


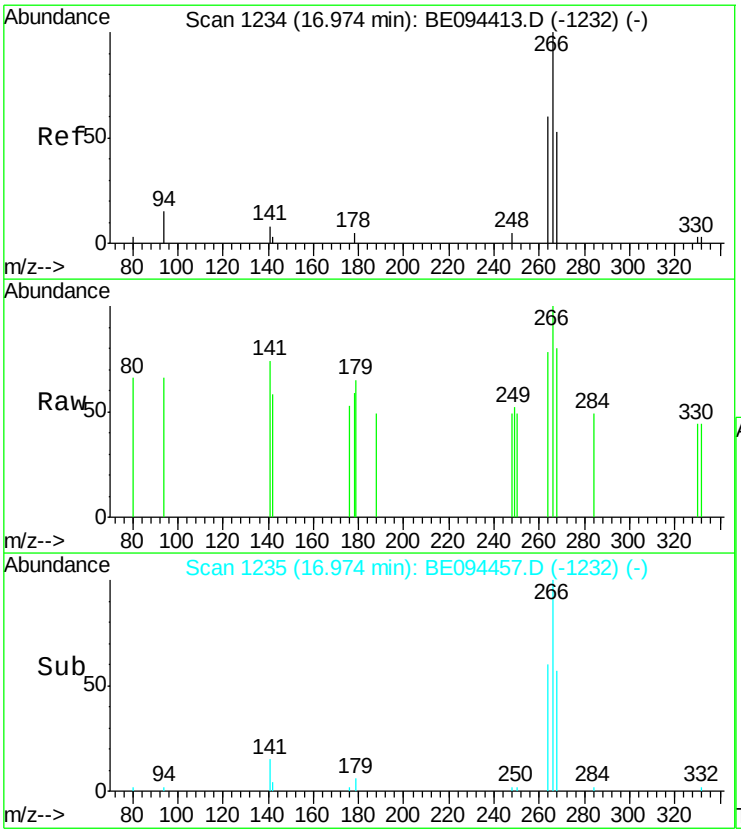
#21
Hexachlorobenzene
Concen: 0.280 ng
RT: 16.58 min Scan# 1223
Delta R.T. 0.00 min
Lab File: BE094457.D
Acq: 19 Oct 2017 21:30

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:284 Resp: 1999

Ion	Ratio	Lower	Upper
284	100		
142	0.0	22.1	33.1#
249	0.0	34.8	52.2#

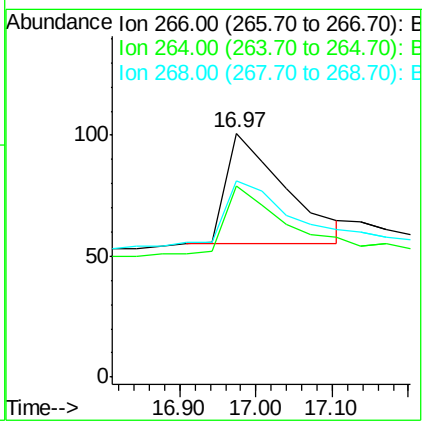


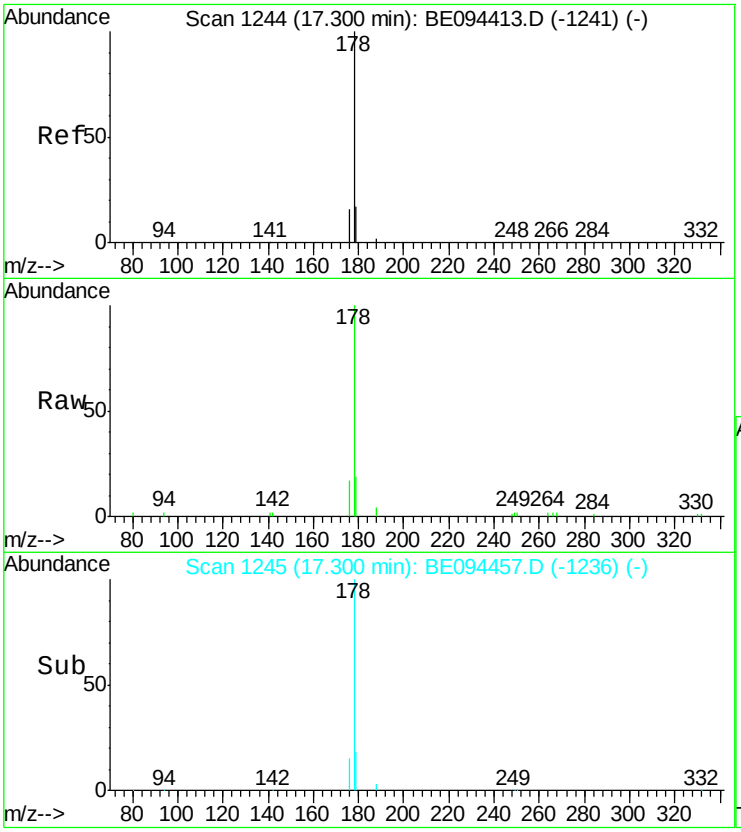


#22
Pentachlorophenol
Concen: 0.470 ng
RT: 16.97 min Scan# 1235
Delta R.T. 0.00 min
Lab File: BE094457.D
Acq: 19 Oct 2017 21:30

Tgt Ion:266 Resp: 248

Ion	Ratio	Lower	Upper
266	100		
264	78.2	72.5	108.7
268	80.2	73.8	110.6



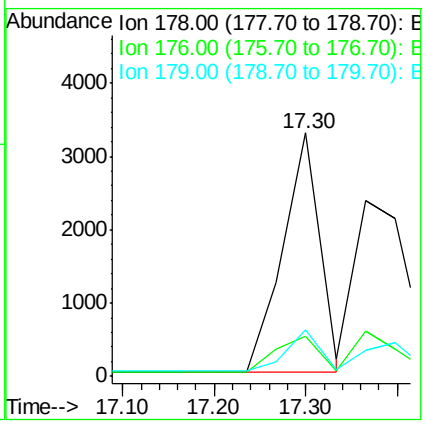


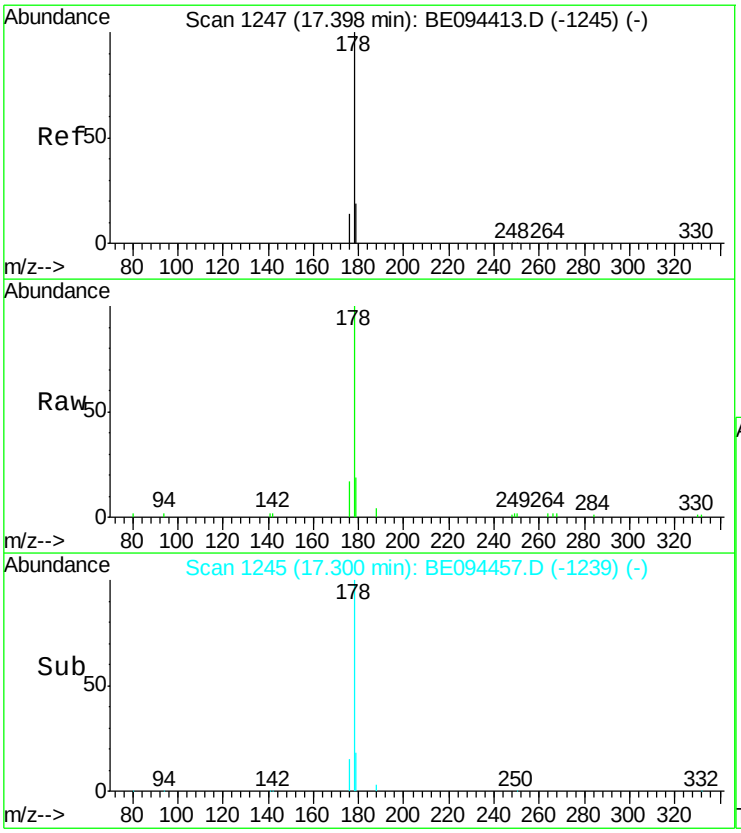
#23
Phenanthrene
Concen: 0.308 ng
RT: 17.30 min Scan# 1245
Delta R.T. 0.00 min
Lab File: BE094457.D
Acq: 19 Oct 2017 21:30

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:178 Resp: 9091

Ion	Ratio	Lower	Upper
178	100		
176	18.1	15.1	22.7
179	16.0	11.8	17.6

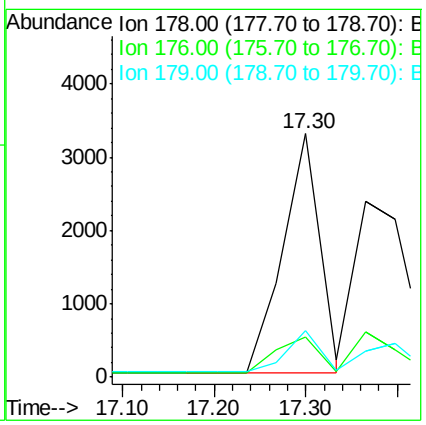


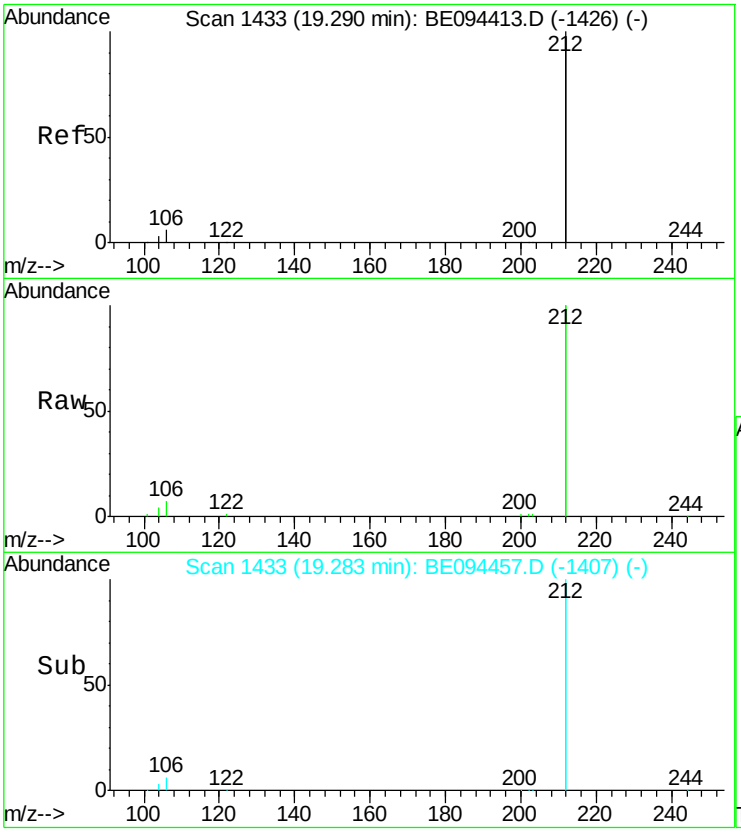


#24
Anthracene
Concen: 0.398 ng
RT: 17.30 min Scan# 1245
Delta R.T. -0.10 min
Lab File: BE094457.D
Acq: 19 Oct 2017 21:30

Tgt Ion:178 Resp: 9091

Ion	Ratio	Lower	Upper
178	100		
176	18.1	12.8	19.2
179	16.0	13.0	19.6



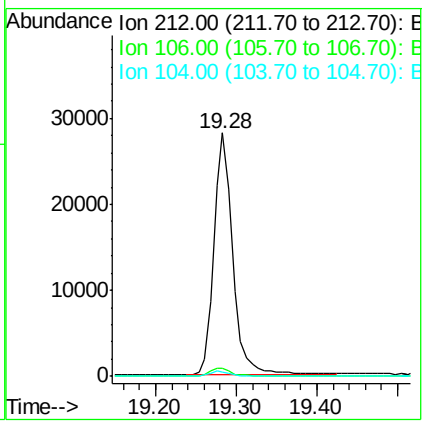


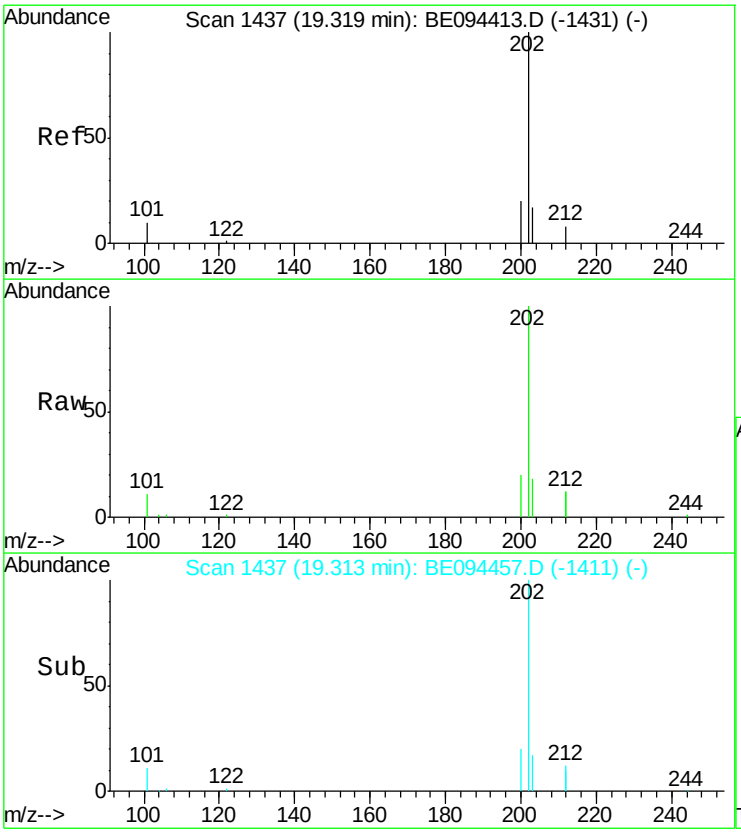
#25
Fluoranthene-d10
Concen: 0.373 ng
RT: 19.28 min Scan# 1433
Delta R.T. -0.01 min
Lab File: BE094457.D
Acq: 19 Oct 2017 21:30

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:212 Resp: 45084

Ion	Ratio	Lower	Upper
212	100		
106	3.4	2.8	4.2
104	2.0	1.6	2.4

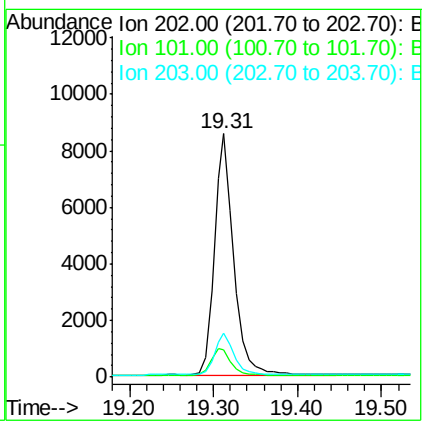


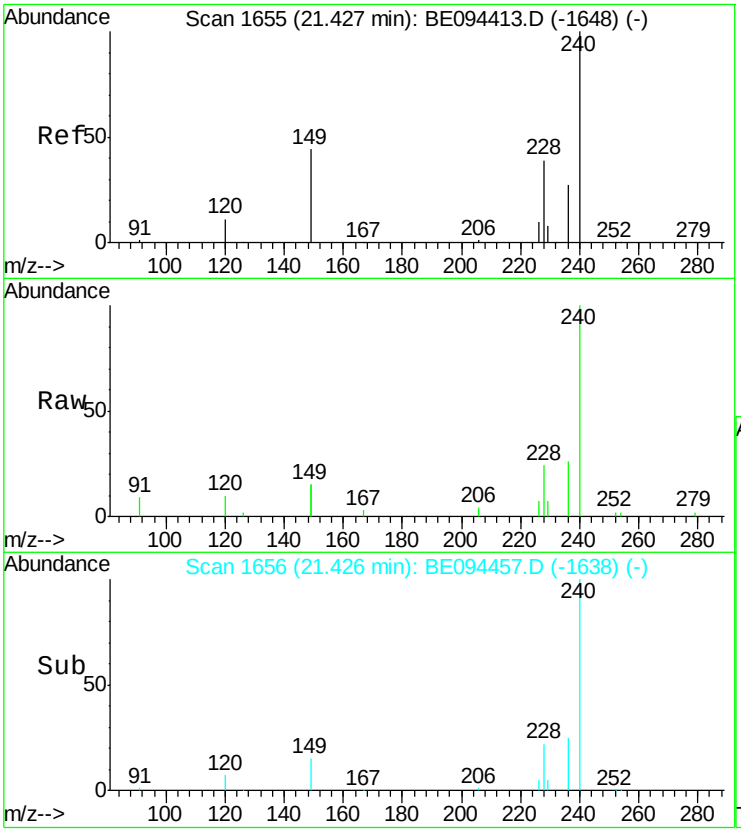


#26
Fluoranthene
Concen: 0.372 ng
RT: 19.31 min Scan# 1437
Delta R.T. -0.01 min
Lab File: BE094457.D
Acq: 19 Oct 2017 21:30

Tgt Ion:202 Resp: 13640

Ion	Ratio	Lower	Upper
202	100		
101	12.3	9.8	14.8
203	17.4	13.7	20.5



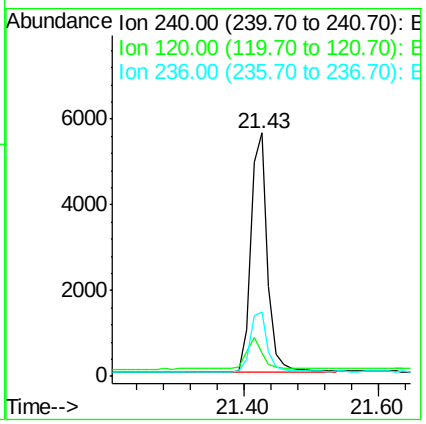


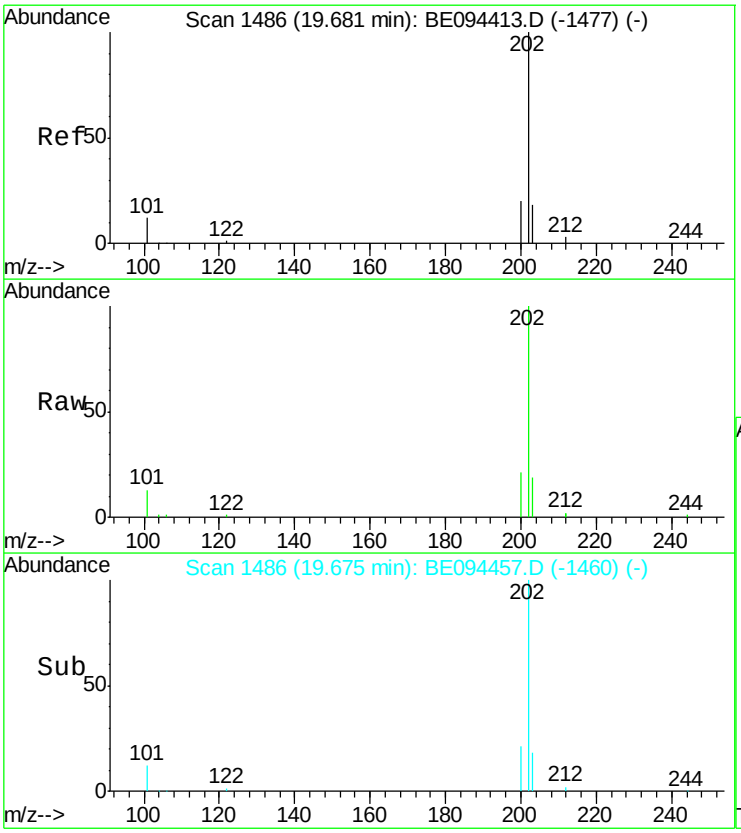
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.43 min Scan# 1656
Delta R.T. -0.00 min
Lab File: BE094457.D
Acq: 19 Oct 2017 21:30

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:240 Resp: 9652

Ion	Ratio	Lower	Upper
240	100		
120	9.7	5.5	8.3#
236	26.4	20.7	31.1

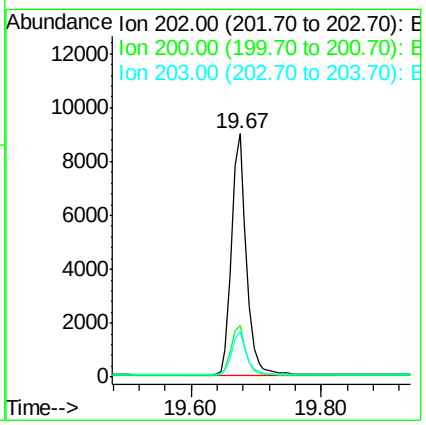


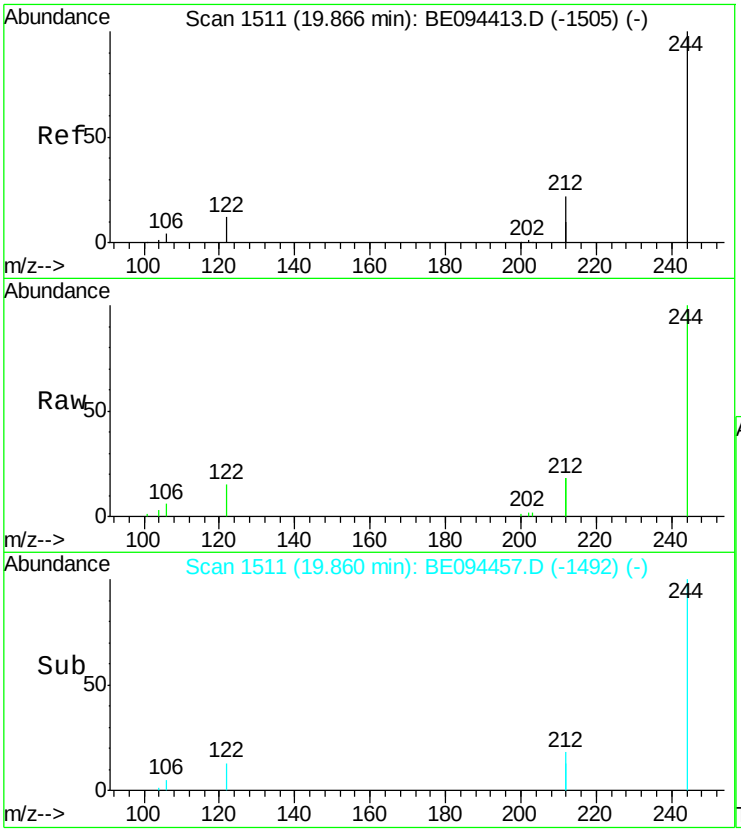


#28
Pyrene
Concen: 0.392 ng
RT: 19.67 min Scan# 1486
Delta R.T. -0.01 min
Lab File: BE094457.D
Acq: 19 Oct 2017 21:30

Tgt Ion:202 Resp: 14274

Ion	Ratio	Lower	Upper
202	100		
200	21.0	16.6	25.0
203	17.9	13.8	20.8



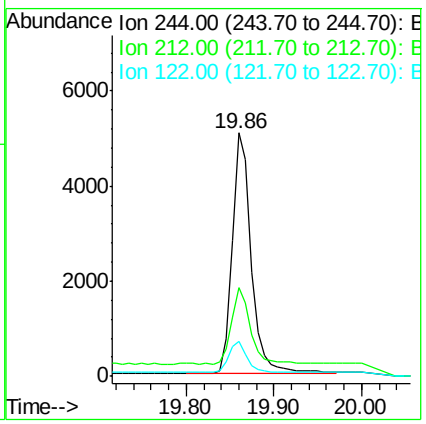


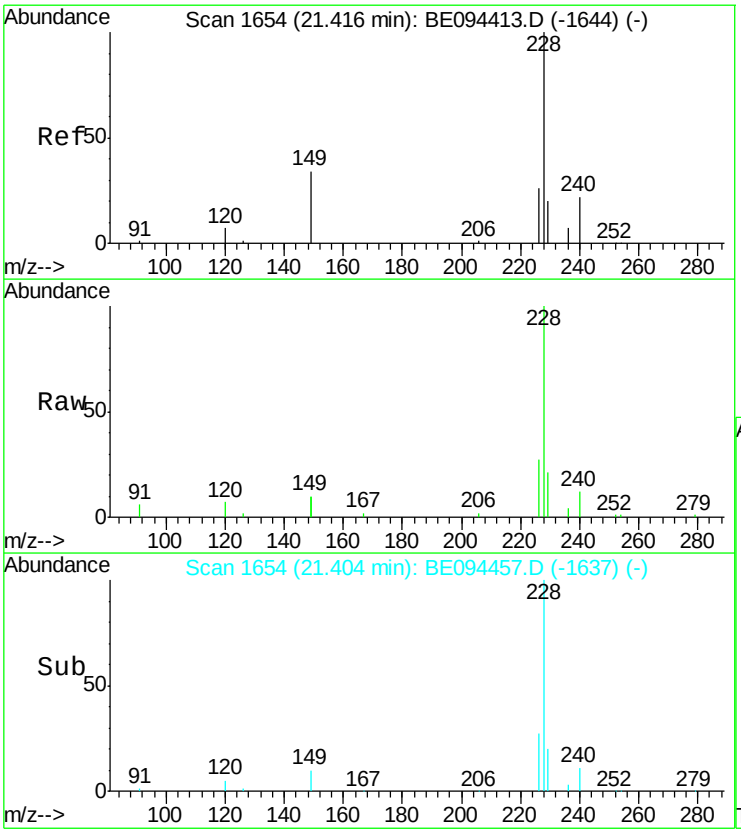
#29
Terphenyl-d14
Concen: 0.397 ng
RT: 19.86 min Scan# 1511
Delta R.T. -0.01 min
Lab File: BE094457.D
Acq: 19 Oct 2017 21:30

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:244 Resp: 7735

Ion	Ratio	Lower	Upper
244	100		
212	36.5	25.4	38.0
122	14.5	8.1	12.1#

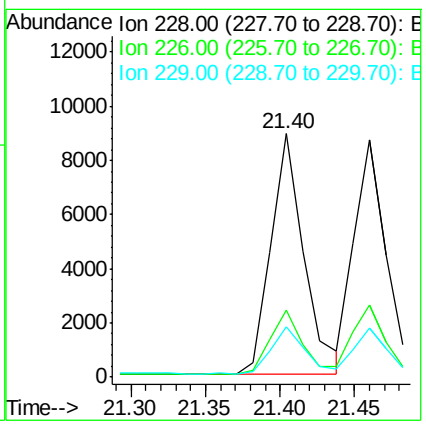


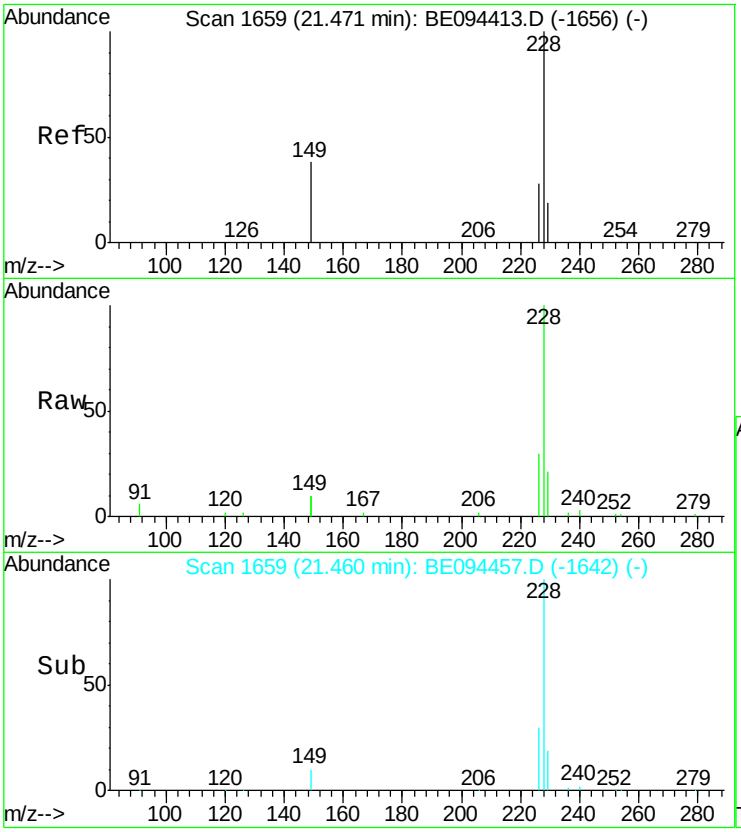


#30
Benzo(a)anthracene
Concen: 0.408 ng
RT: 21.40 min Scan# 1654
Delta R.T. -0.01 min
Lab File: BE094457.D
Acq: 19 Oct 2017 21:30

Tgt Ion:228 Resp: 13631

Ion	Ratio	Lower	Upper
228	100		
226	27.4	40.0	60.0#
229	20.8	40.0	60.0#



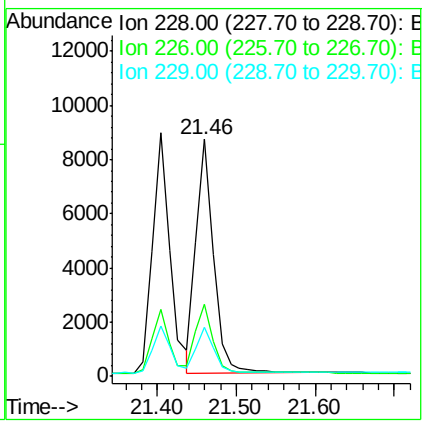


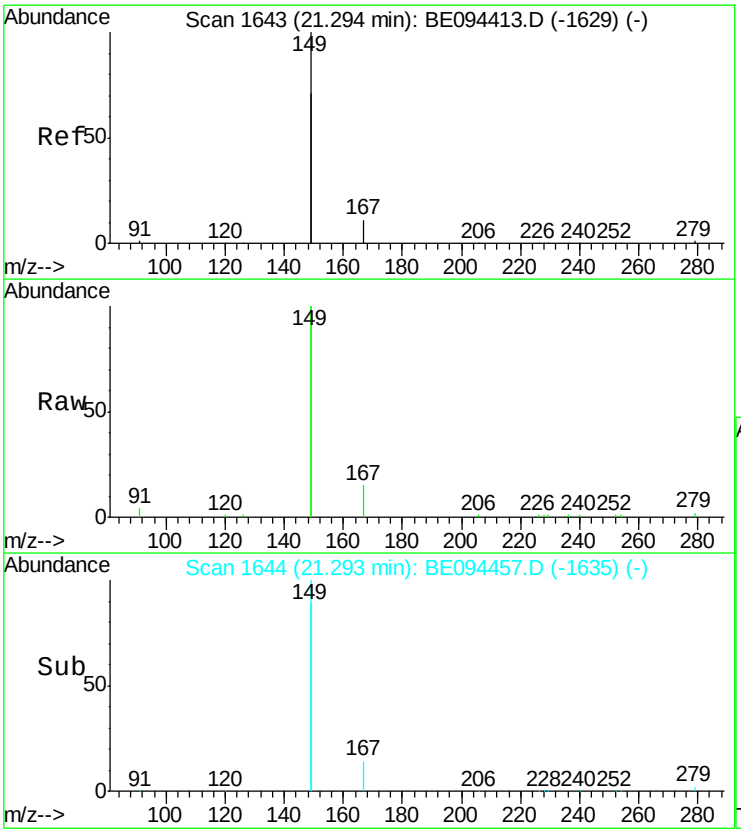
#31
Chrysene
Concen: 0.410 ng
RT: 21.46 min Scan# 1659
Delta R.T. -0.01 min
Lab File: BE094457.D
Acq: 19 Oct 2017 21:30

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:228 Resp: 13183

Ion	Ratio	Lower	Upper
228	100		
226	30.5	40.0	60.0#
229	20.8	40.0	60.0#

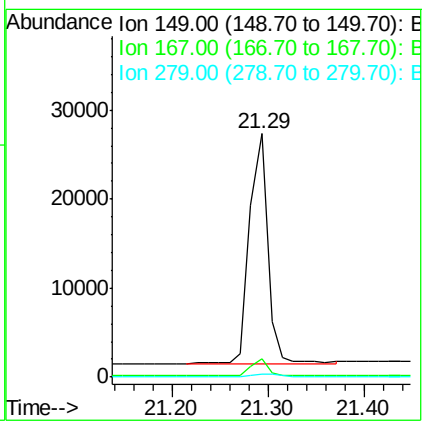


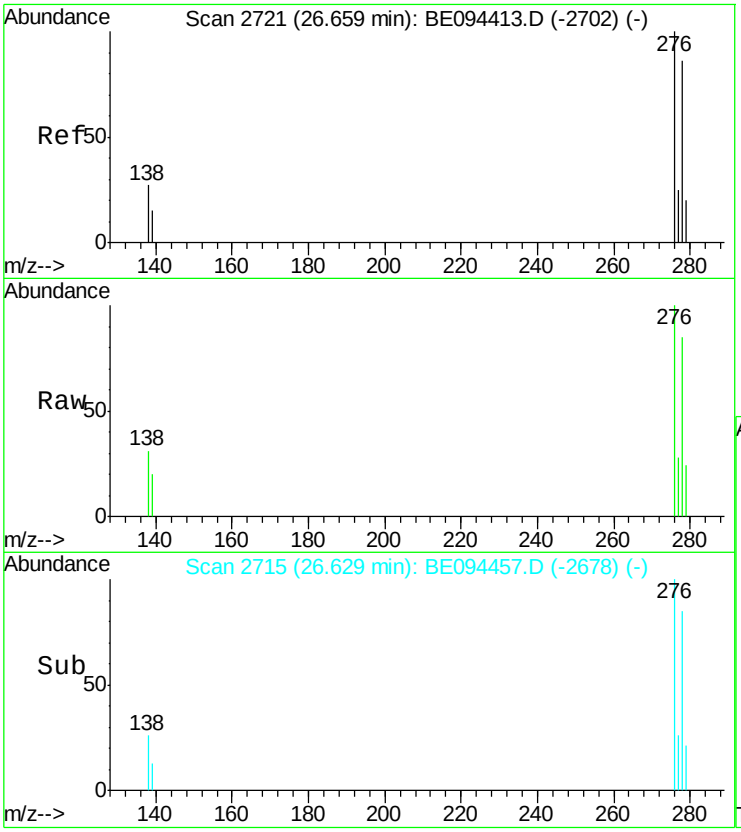


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.355 ng
RT: 21.29 min Scan# 1644
Delta R.T. 0.00 min
Lab File: BE094457.D
Acq: 19 Oct 2017 21:30

Tgt Ion:149 Resp: 34141

Ion	Ratio	Lower	Upper
149	100		
167	6.7	5.4	8.0
279	0.9	0.7	1.1



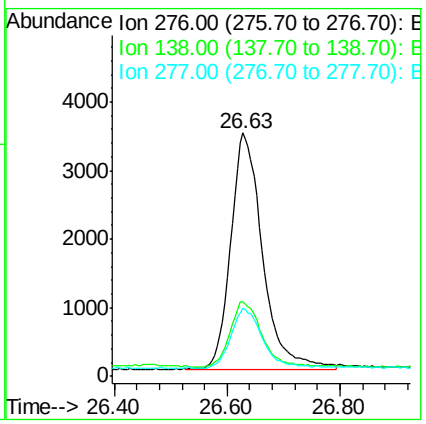


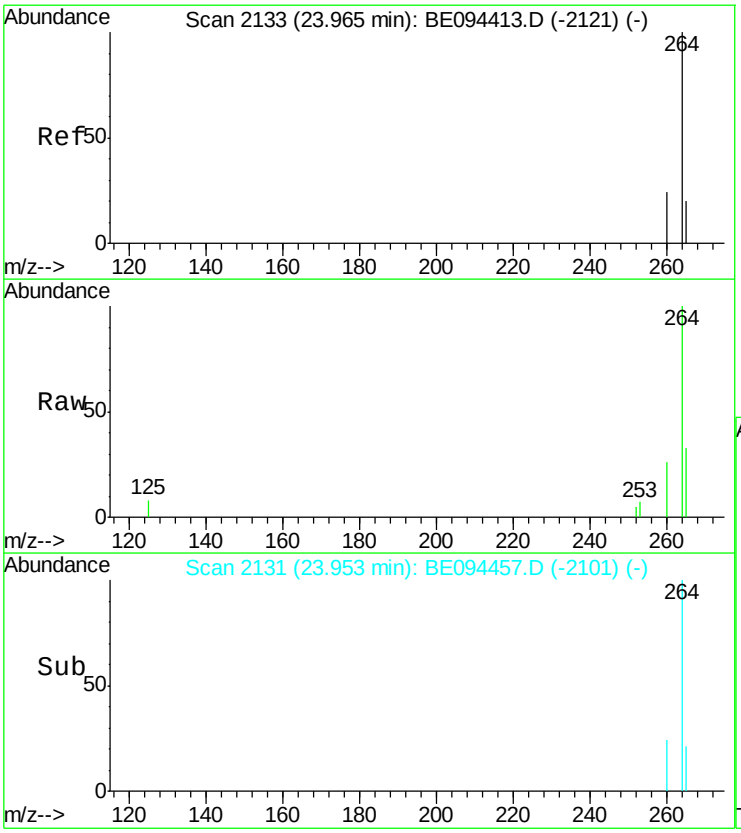
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.406 ng
RT: 26.63 min Scan# 2715
Delta R.T. -0.03 min
Lab File: BE094457.D
Acq: 19 Oct 2017 21:30

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:276 Resp: 13144

Ion	Ratio	Lower	Upper
276	100		
138	26.8	22.5	33.7
277	25.1	19.9	29.9

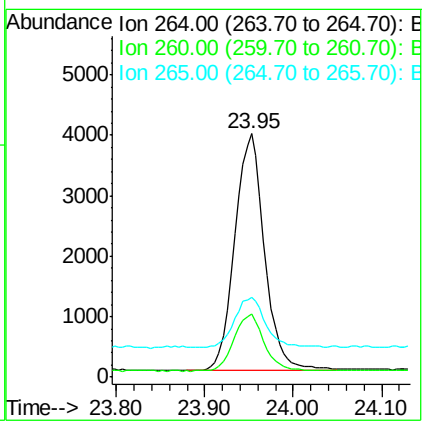


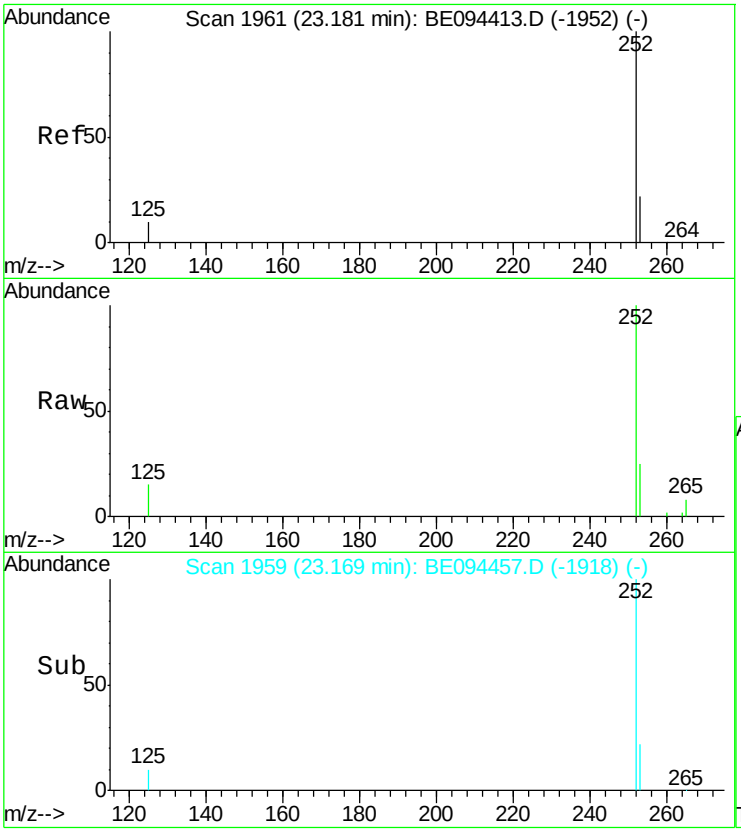


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.95 min Scan# 2131
Delta R.T. -0.01 min
Lab File: BE094457.D
Acq: 19 Oct 2017 21:30

Tgt Ion:264 Resp: 9134

Ion	Ratio	Lower	Upper
264	100		
260	25.8	20.5	30.7
265	32.5	22.8	34.2



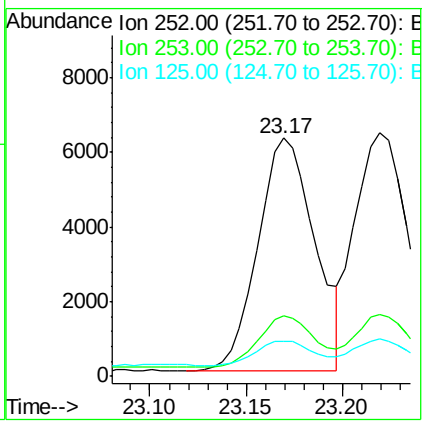


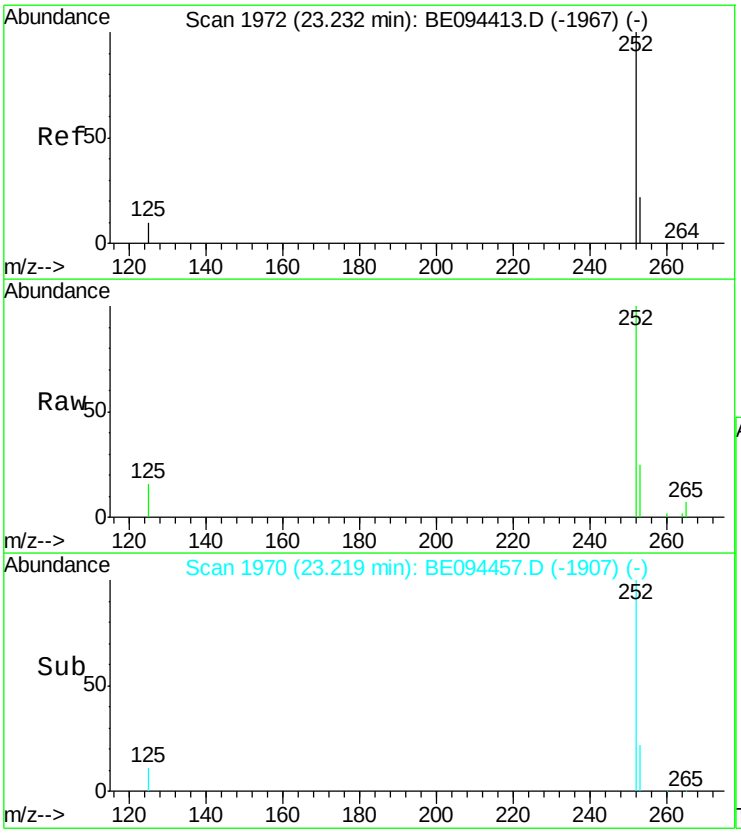
#35
Benzo(b)fluoranthene
Concen: 0.411 ng
RT: 23.17 min Scan# 1959
Delta R.T. -0.01 min
Lab File: BE094457.D
Acq: 19 Oct 2017 21:30

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:252 Resp: 12725

Ion	Ratio	Lower	Upper
252	100		
253	25.4	48.0	72.0#
125	14.7	56.0	84.0#

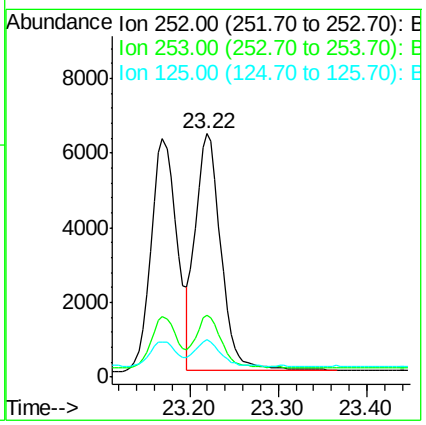


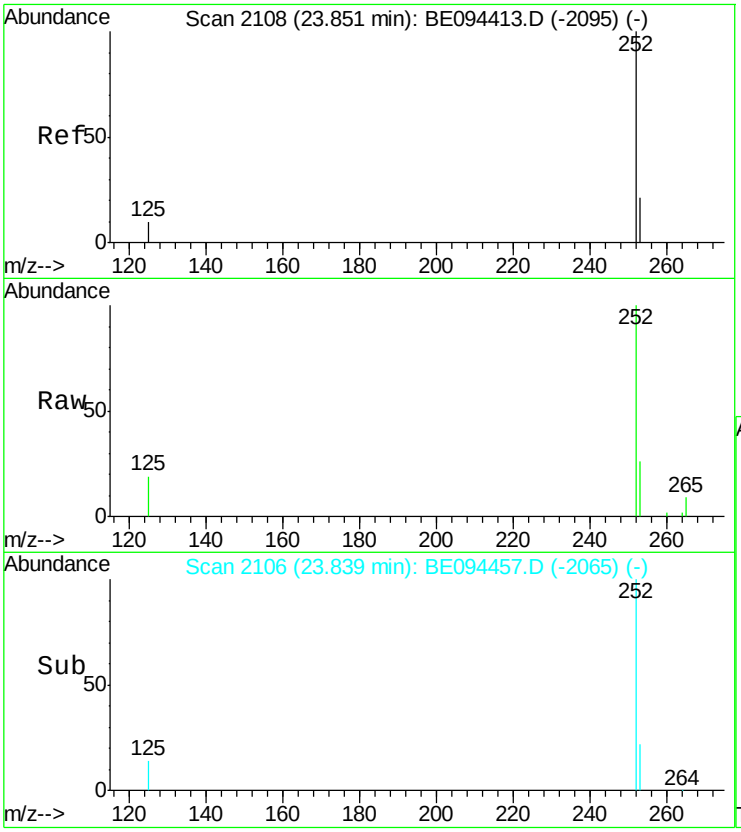


#36
Benzo(k)fluoranthene
Concen: 0.419 ng
RT: 23.22 min Scan# 1970
Delta R.T. -0.01 min
Lab File: BE094457.D
Acq: 19 Oct 2017 21:30

Tgt Ion:252 Resp: 12795

Ion	Ratio	Lower	Upper
252	100		
253	25.3	48.0	72.0#
125	15.5	56.0	84.0#



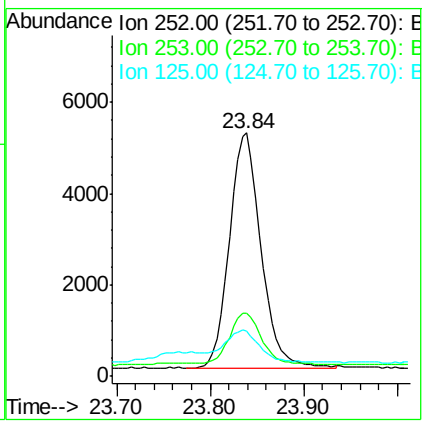


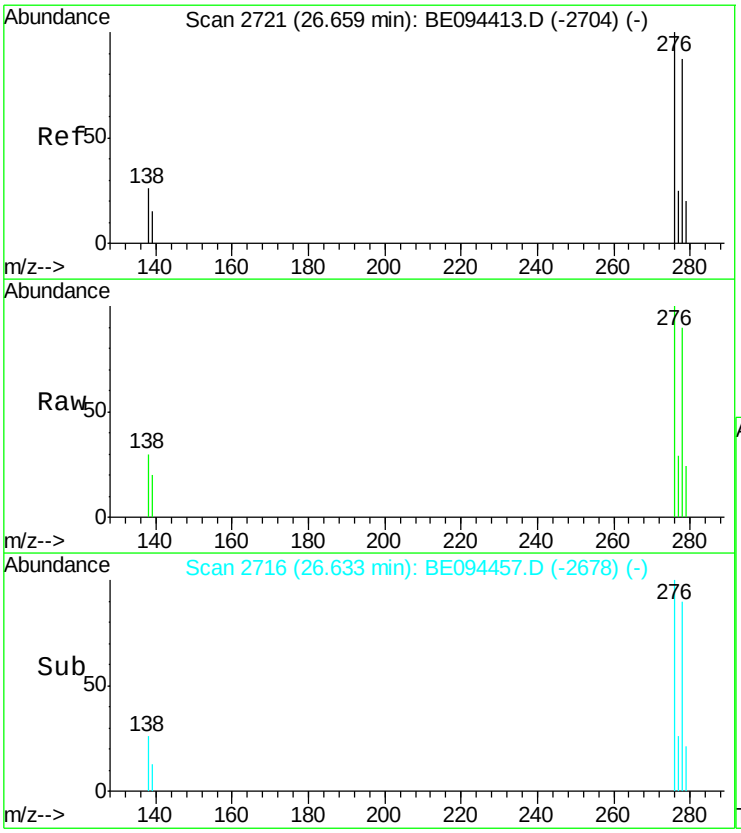
#37
Benzo(a)pyrene
Concen: 0.411 ng
RT: 23.84 min Scan# 2106
Delta R.T. -0.01 min
Lab File: BE094457.D
Acq: 19 Oct 2017 21:30

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:252 Resp: 11974

Ion	Ratio	Lower	Upper
252	100		
253	25.8	52.0	78.0#
125	18.7	68.0	102.0#

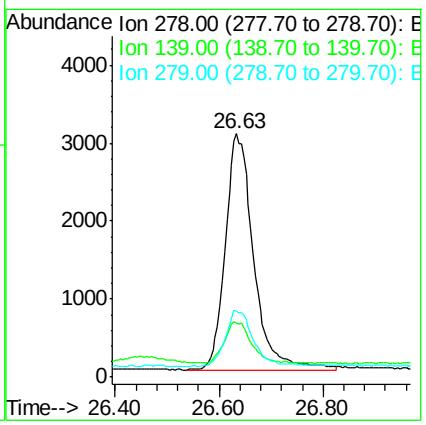


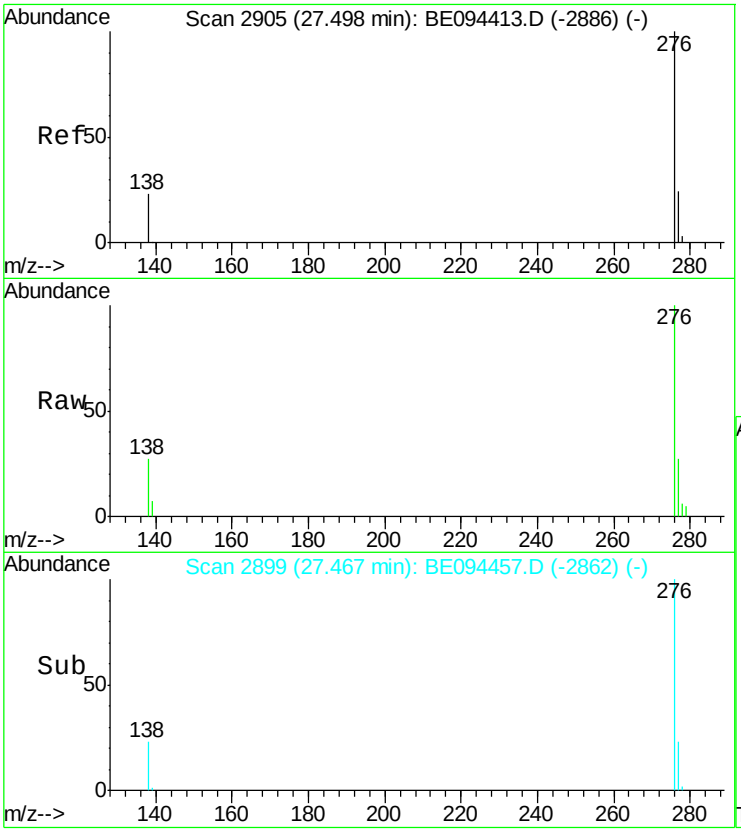


#38
Dibenzo(a,h)anthracene
Concen: 0.415 ng
RT: 26.63 min Scan# 2716
Delta R.T. -0.03 min
Lab File: BE094457.D
Acq: 19 Oct 2017 21:30

Tgt Ion:278 Resp: 11450

Ion	Ratio	Lower	Upper
278	100		
139	22.5	56.0	84.0#
279	26.8	52.0	78.0#





#39
Benzo(g,h,i)perylene
Concen: 0.416 ng
RT: 27.47 min Scan# 2899
Delta R.T. -0.03 min
Lab File: BE094457.D
Acq: 19 Oct 2017 21:30

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:276 Resp: 11028

Ion	Ratio	Lower	Upper
276	100		
277	26.9	52.0	78.0#
138	26.7	44.0	66.0#