Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\Data\BE110217\
Data File : BE094699.D
Acq On : 2 Nov 2017 17:27
Operator : SJ/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : SSTDCCC0.4EC

Quant Time: Nov 02 18:19:42 2017
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE102317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 23 22:40:47 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.91	152	1358	0.40	ng		0.00
7) Naphthalene-d8	10.71	136	7892	0.40	ng		0.00
13) Acenaphthene-d10	14.52	164	4283	0.40	ng		0.01
19) Phenanthrene-d10	17.27	188	7743	0.40	ng		0.03
27) Chrysene-d12	21.43	240	9749	0.40	ng		0.00
34) Perylene-d12	23.97	264	8696	0.40	ng		0.01
System Monitoring Compounds							
4) 2-Fluorophenol	5.58	112	1383	0.30	ng		0.05
5) Phenol-d6	7.18	99	2521	0.36	ng		0.04
8) Nitrobenzene-d5	9.11	82	2126	0.34	ng		0.03
11) 2-Methylnaphthalene-d10	12.30	152	4384	0.35	ng		0.00
14) 2,4,6-Tribromophenol	16.06	330	309	0.26	ng		0.03
15) 2-Fluorobiphenyl	13.16	172	5499	0.36	ng		0.01
25) Fluoranthene-d10	19.29	212	38971	0.41	ng		0.00
29) Terphenyl-d14	19.87	244	6419	0.35	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.41	88	882	0.384	ng	#	80
3) n-Nitrosodimethylamine	3.76	42	643	0.292	ng	#	74
6) bis(2-Chloroethyl)ether	7.34	93	1915	0.353	ng	#	64
9) Naphthalene	10.76	128	31416	0.352	ng		100
10) Hexachlorobutadiene	11.01	225	1235	0.382	ng		96
12) 2-Methylnaphthalene	12.37	142	5202	0.343	ng		99
16) Acenaphthylene	14.24	152	7773	0.344	ng		100
17) Acenaphthene	14.58	154	5192	0.358	ng		100
18) Fluorene	15.58	166	6357	0.342	ng		98
20) 4-Bromophenyl-phenylether	16.45	248	1389	0.329	ng	#	59
21) Hexachlorobenzene	16.58	284	2112	0.571	ng	#	60
22) Pentachlorophenol	17.07	266	84	0.178	ng		97
23) Phenanthrene	17.30	178	10194	0.511	ng		97
24) Anthracene	17.40	178	8986	0.395	ng		99
26) Fluoranthene	19.32	202	11659	0.402	ng		99
28) Pyrene	19.68	202	12139	0.356	ng		99
30) Benzo(a)anthracene	21.41	228	11101	0.350	ng	#	61
31) Chrysene	21.47	228	11769	0.365	ng	#	64
32) Bis(2-ethylhexyl)phthalate	21.28	149	25781	0.331	ng		99
33) Indeno(1,2,3-cd)pyrene	26.68	276	8067	0.271	ng		98
35) Benzo(b)fluoranthene	23.18	252	10109	0.359	ng	#	41
36) Benzo(k)fluoranthene	23.23	252	11941	0.398	ng	#	41
37) Benzo(a)pyrene	23.86	252	10173	0.373	ng	#	35
38) Dibenzo(a,h)anthracene	26.67	278	7481	0.305	ng	#	47
39) Benzo(g,h,i)perylene	27.53	276	6094	0.266	ng	#	58

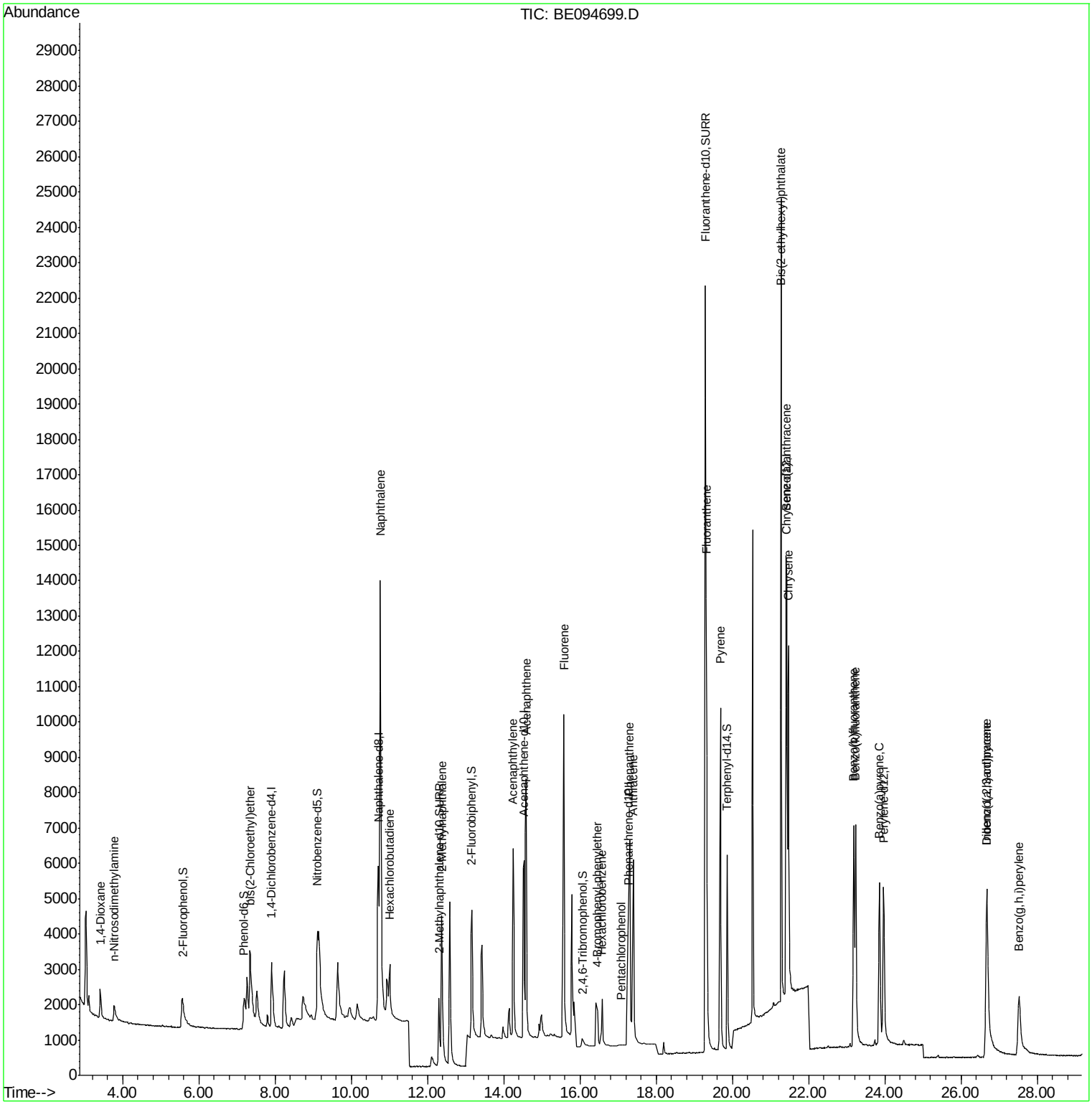
(#) = qualifier out of range (m) = manual integration (+) = signals summed

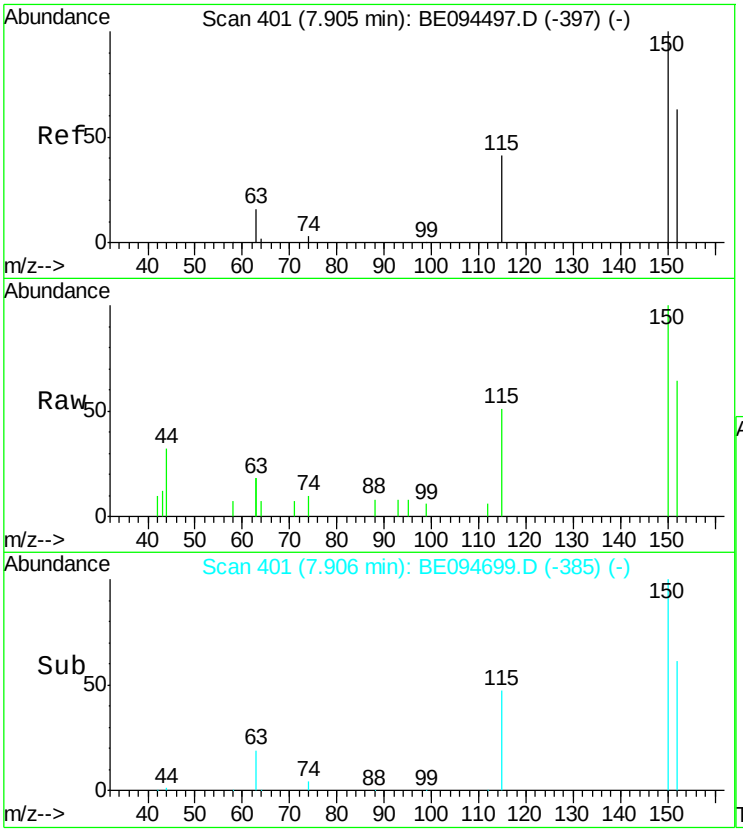
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\Data\BE110217\
Data File : BE094699.D
Acq On : 2 Nov 2017 17:27
Operator : SJ/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Quant Time: Nov 02 18:19:42 2017
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE102317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 23 22:40:47 2017
Response via : Initial Calibration



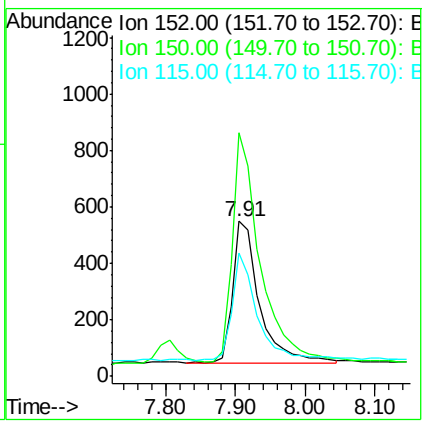


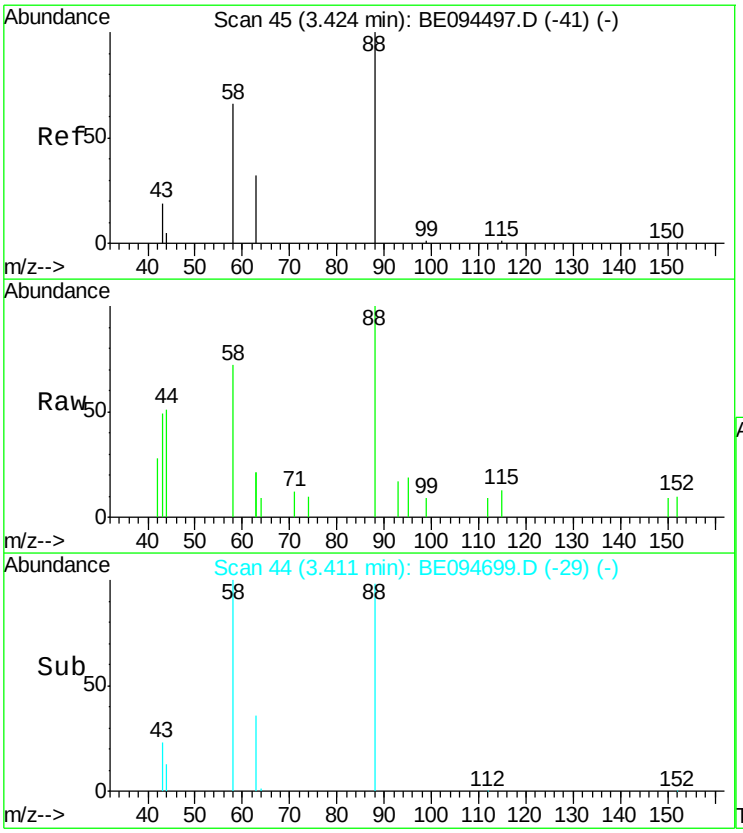
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.91 min Scan# 401
Delta R.T. 0.00 min
Lab File: BE094699.D
Acq: 2 Nov 2017 17:27

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:152 Resp: 1358

Ion	Ratio	Lower	Upper
152	100		
150	157.0	117.2	175.8
115	79.6	57.0	85.6

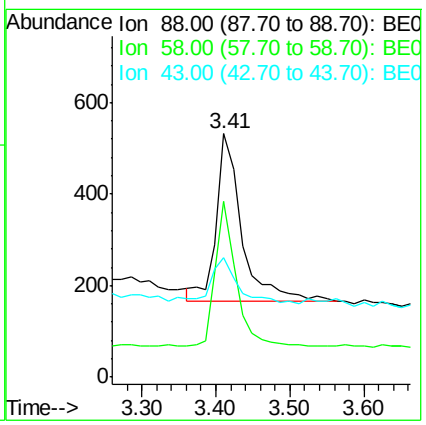


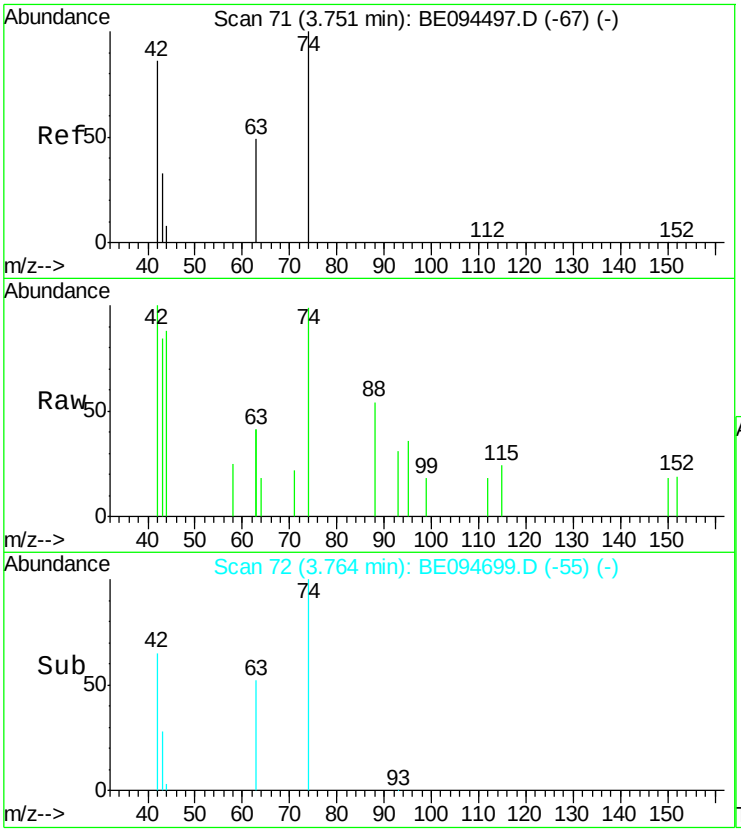


#2
1,4-Dioxane
Concen: 0.384 ng
RT: 3.41 min Scan# 44
Delta R.T. -0.01 min
Lab File: BE094699.D
Acq: 2 Nov 2017 17:27

Tgt Ion: 88 Resp: 882

Ion	Ratio	Lower	Upper
88	100		
58	69.7	63.2	94.8
43	28.0	41.2	61.8#



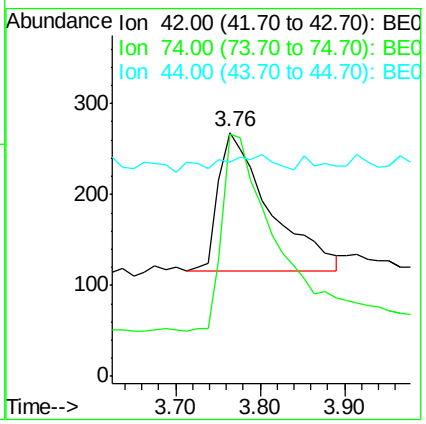


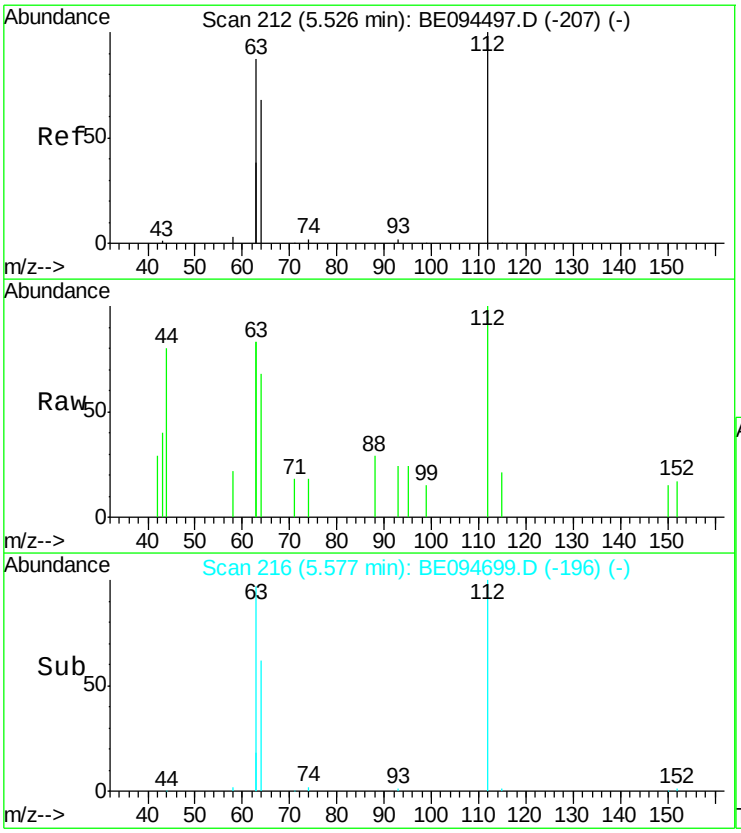
#3
n-Nitrosodimethylamine
Concen: 0.292 ng
RT: 3.76 min Scan# 72
Delta R.T. 0.01 min
Lab File: BE094699.D
Acq: 2 Nov 2017 17:27

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion: 42 Resp: 643

Ion	Ratio	Lower	Upper
42	100		
74	151.3	100.3	150.5#
44	0.0	17.0	25.4#

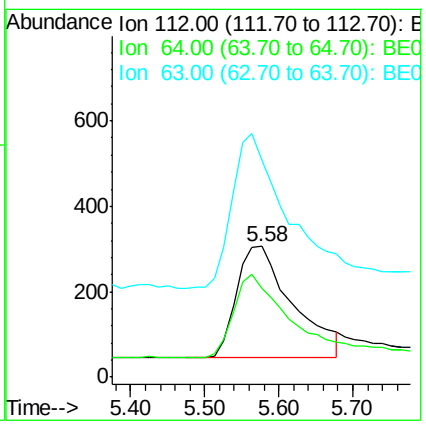


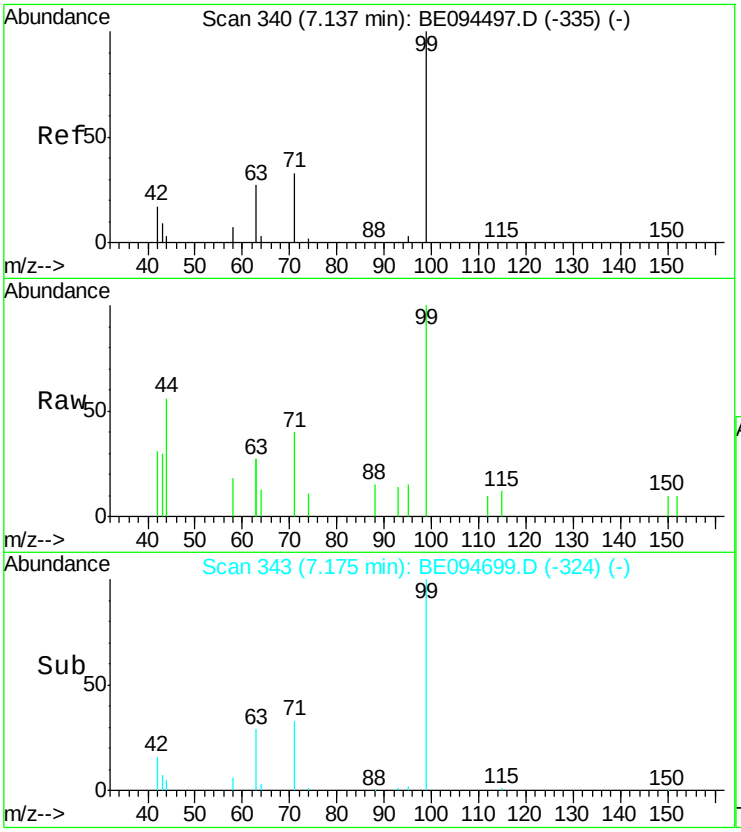


#4
2-Fluorophenol
Concen: 0.297 ng
RT: 5.58 min Scan# 216
Delta R.T. 0.05 min
Lab File: BE094699.D
Acq: 2 Nov 2017 17:27

Tgt Ion:112 Resp: 1383

Ion	Ratio	Lower	Upper
112	100		
64	70.5	60.1	90.1
63	136.1	116.8	175.2



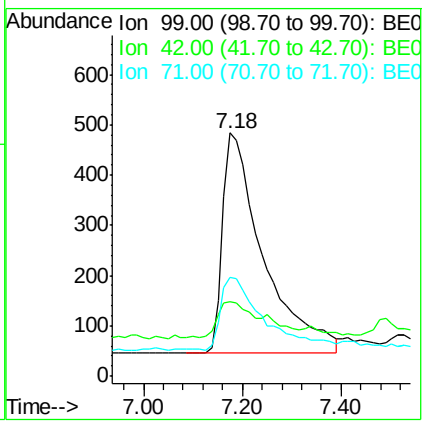


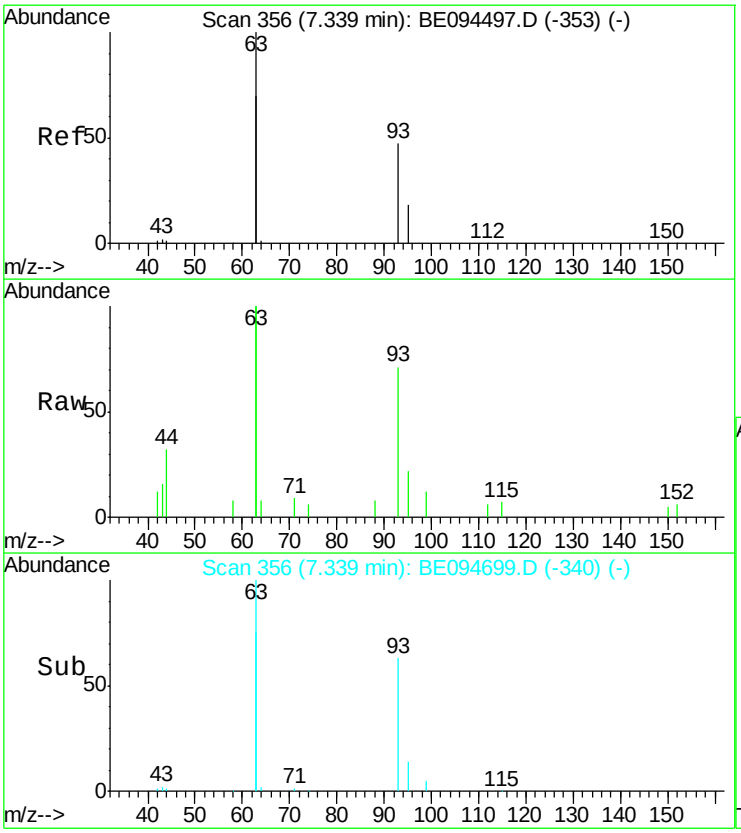
#5
Phenol-d6
Concen: 0.359 ng
RT: 7.18 min Scan# 343
Delta R.T. 0.04 min
Lab File: BE094699.D
Acq: 2 Nov 2017 17:27

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion: 99 Resp: 2521

Ion	Ratio	Lower	Upper
99	100		
42	18.8	20.2	30.2#
71	33.8	28.4	42.6

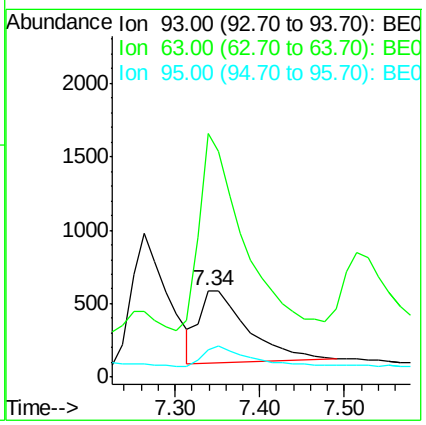


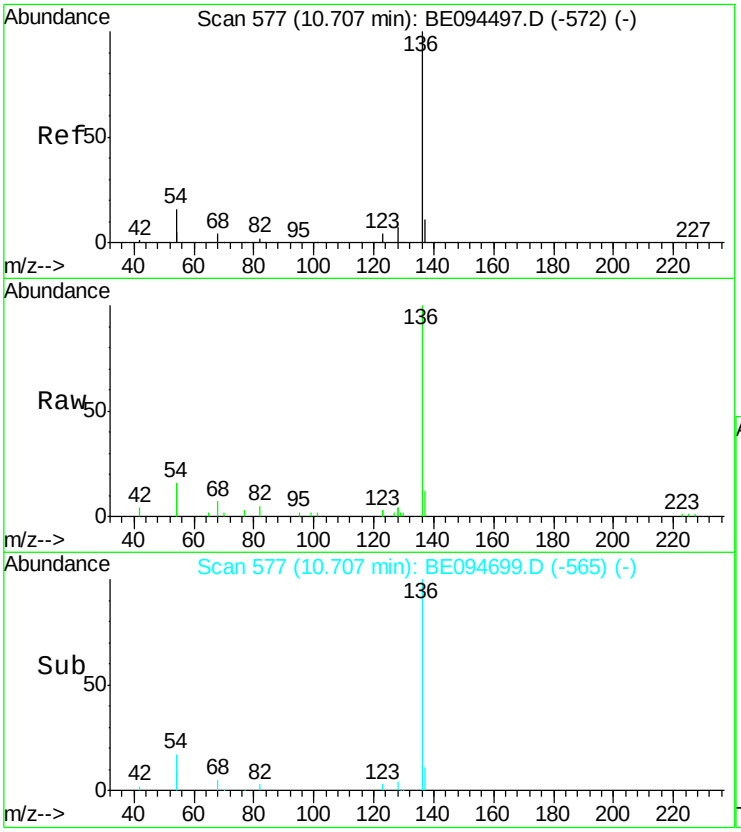


#6
bis(2-Chloroethyl)ether
Concen: 0.353 ng
RT: 7.34 min Scan# 356
Delta R.T. 0.00 min
Lab File: BE094699.D
Acq: 2 Nov 2017 17:27

Tgt Ion: 93 Resp: 1915

Ion	Ratio	Lower	Upper
93	100		
63	262.6	275.3	412.9#
95	26.3	25.2	37.8



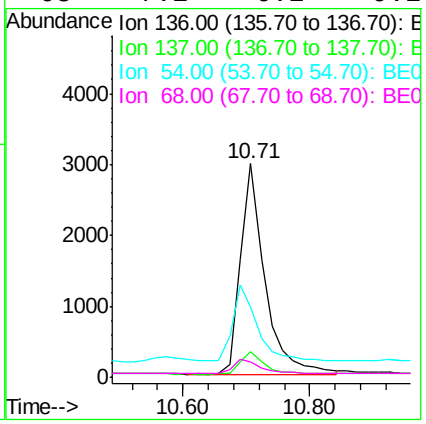


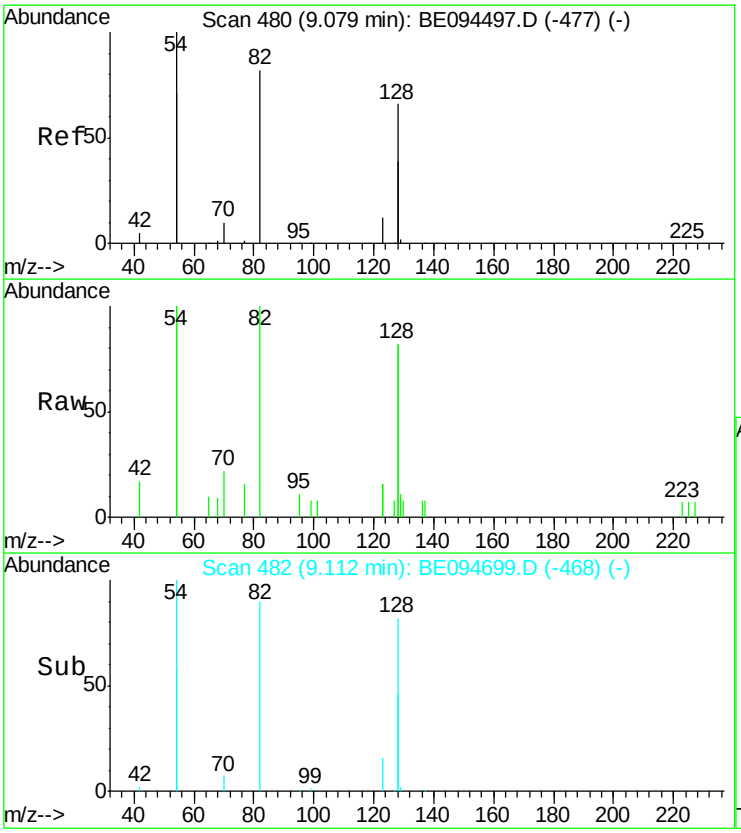
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.71 min Scan# 577
Delta R.T. -0.00 min
Lab File: BE094699.D
Acq: 2 Nov 2017 17:27

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:136 Resp: 7892

Ion	Ratio	Lower	Upper
136	100		
137	11.9	9.5	14.3
54	32.8	29.1	43.7
68	7.2	6.2	9.2

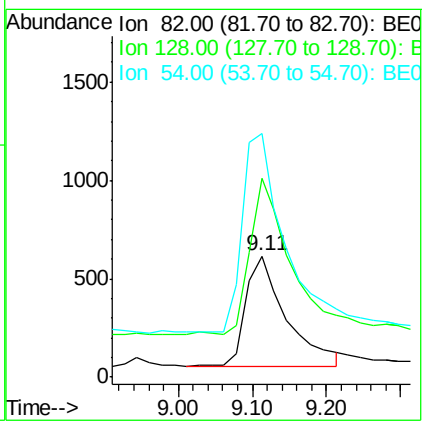


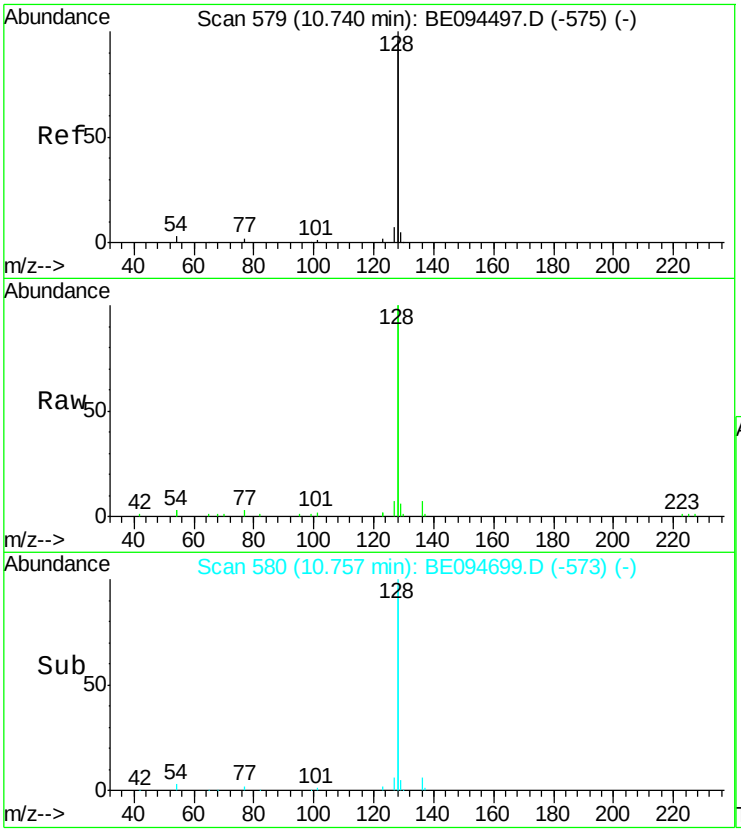


#8
Nitrobenzene-d5
Concen: 0.337 ng
RT: 9.11 min Scan# 482
Delta R.T. 0.03 min
Lab File: BE094699.D
Acq: 2 Nov 2017 17:27

Tgt Ion: 82 Resp: 2126

Ion	Ratio	Lower	Upper
82	100		
128	164.3	150.0	225.0
54	200.6	154.2	231.4



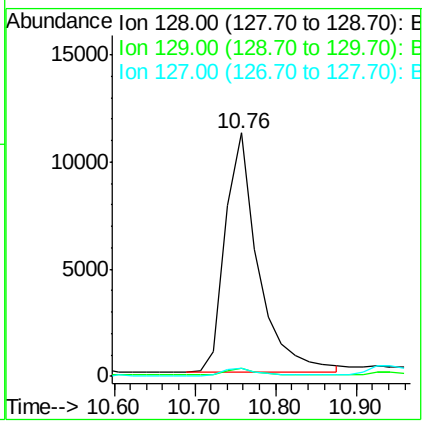


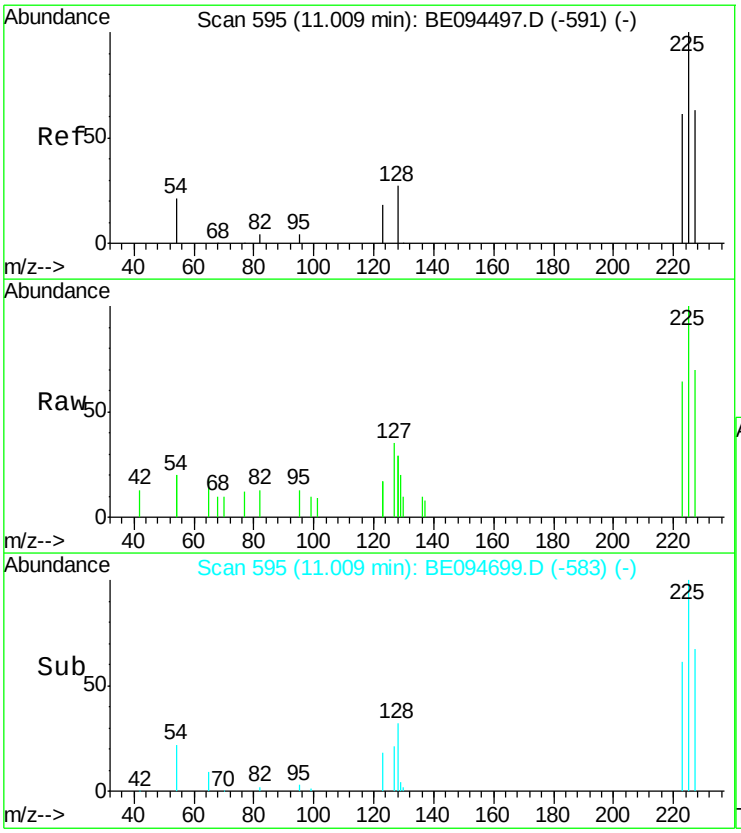
#9
Naphthalene
Concen: 0.352 ng
RT: 10.76 min Scan# 580
Delta R.T. 0.02 min
Lab File: BE094699.D
Acq: 2 Nov 2017 17:27

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:128 Resp: 31416

Ion	Ratio	Lower	Upper
128	100		
129	3.2	2.6	3.8
127	3.5	2.8	4.2

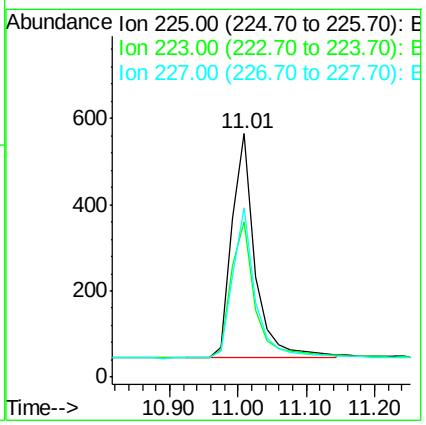


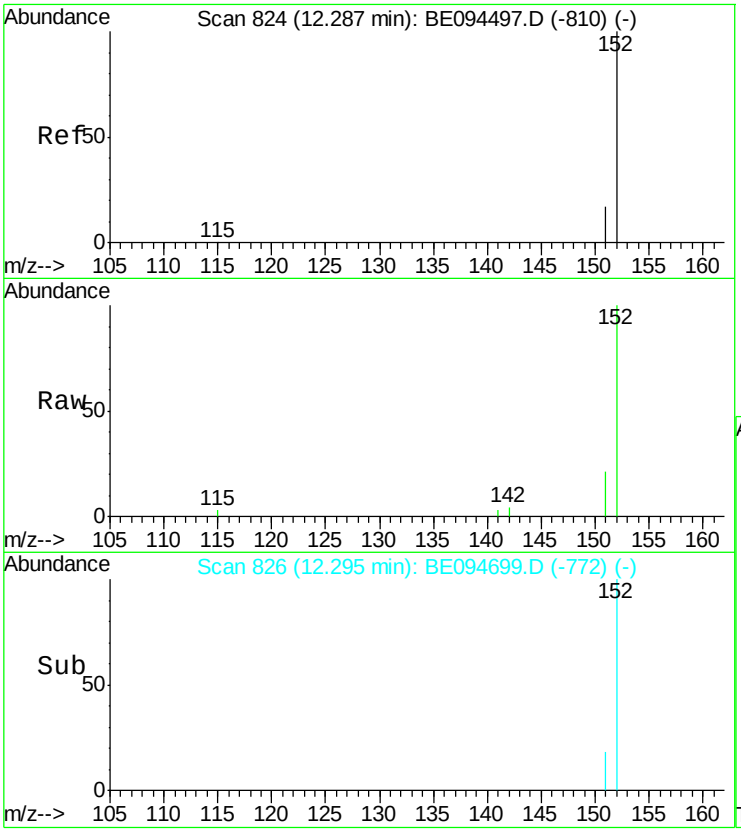


#10
Hexachlorobutadiene
Concen: 0.382 ng
RT: 11.01 min Scan# 595
Delta R.T. -0.00 min
Lab File: BE094699.D
Acq: 2 Nov 2017 17:27

Tgt Ion:225 Resp: 1235

Ion	Ratio	Lower	Upper
225	100		
223	62.3	53.0	79.6
227	66.1	51.4	77.2



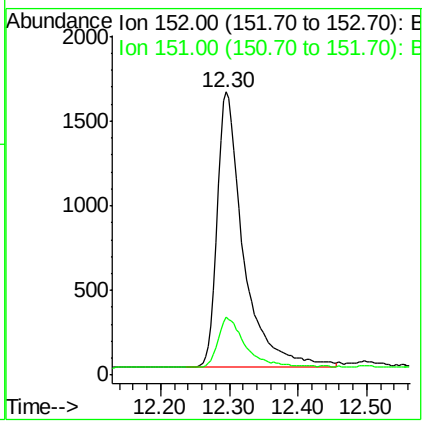


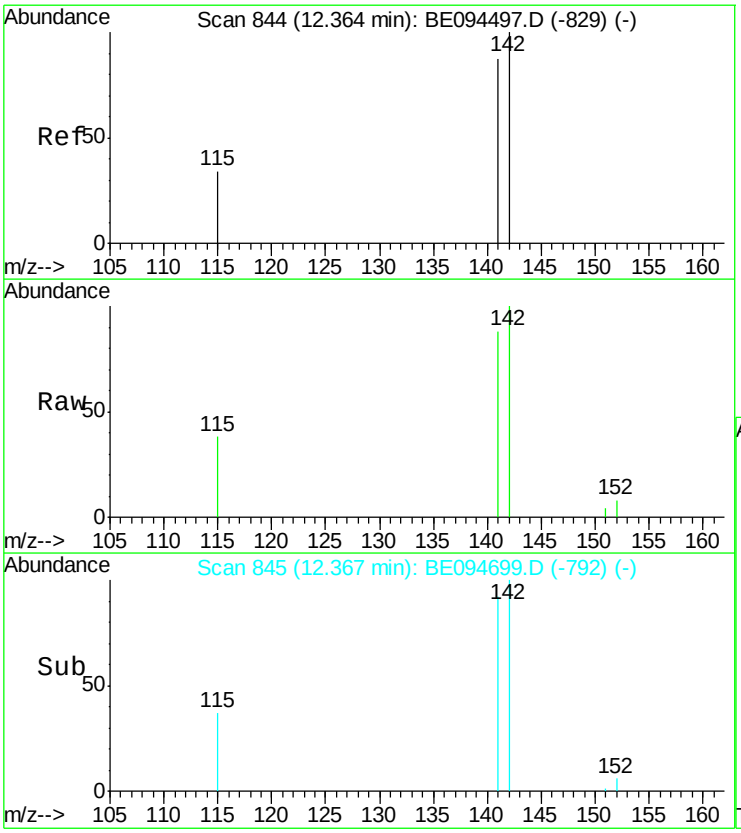
#11
2-Methylnaphthalene-d10
Concen: 0.346 ng
RT: 12.30 min Scan# 826
Delta R.T. 0.01 min
Lab File: BE094699.D
Acq: 2 Nov 2017 17:27

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:152 Resp: 4384

Ion	Ratio	Lower	Upper
152	100		
151	19.2	15.4	23.0

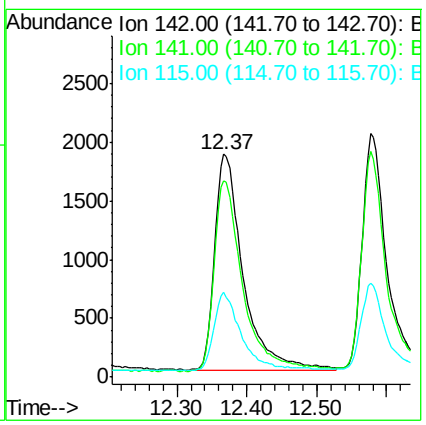


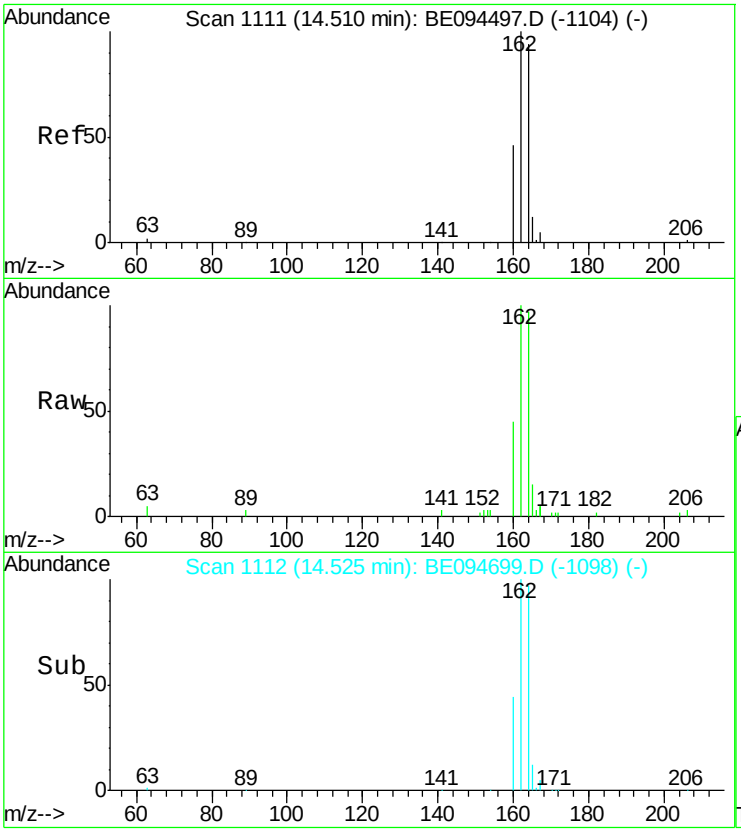


#12
2-Methylnaphthalene
Concen: 0.343 ng
RT: 12.37 min Scan# 845
Delta R.T. 0.00 min
Lab File: BE094699.D
Acq: 2 Nov 2017 17:27

Tgt Ion:142 Resp: 5202

Ion	Ratio	Lower	Upper
142	100		
141	88.2	70.4	105.6
115	37.8	31.7	47.5



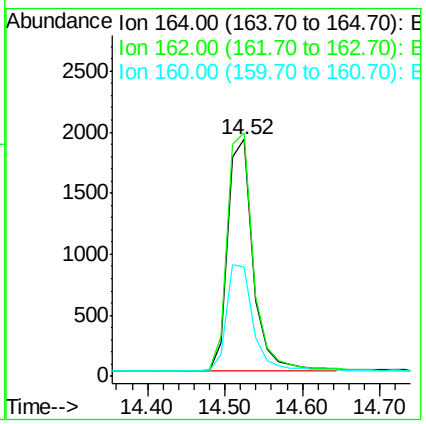


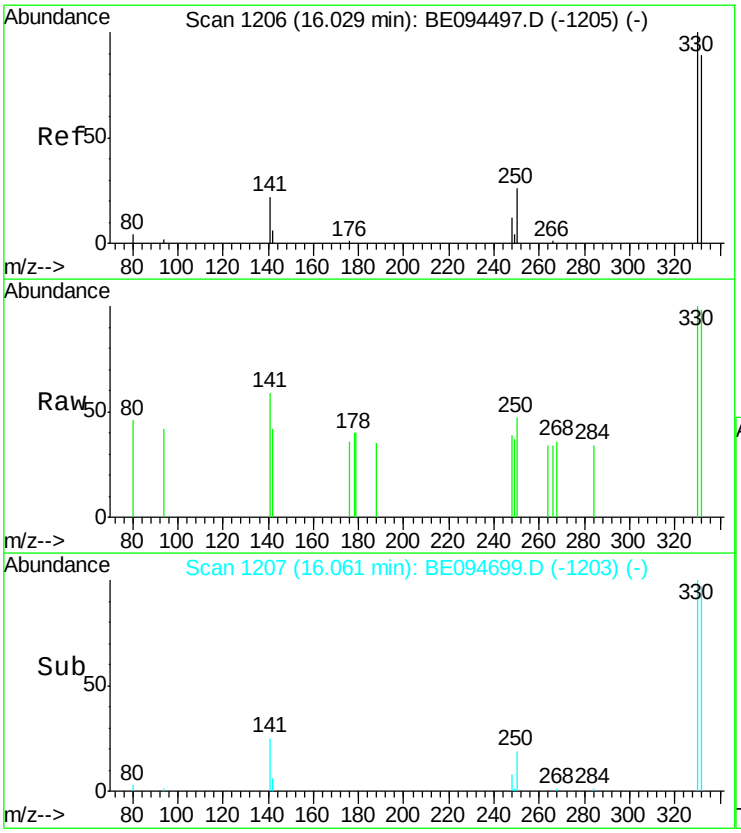
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.52 min Scan# 1112
Delta R.T. 0.01 min
Lab File: BE094699.D
Acq: 2 Nov 2017 17:27

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:164 Resp: 4283

Ion	Ratio	Lower	Upper
164	100		
162	102.8	83.1	124.7
160	46.2	37.1	55.7

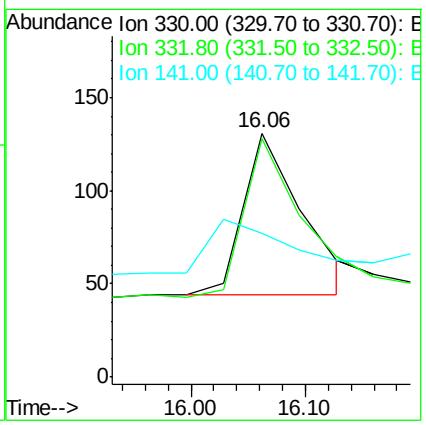


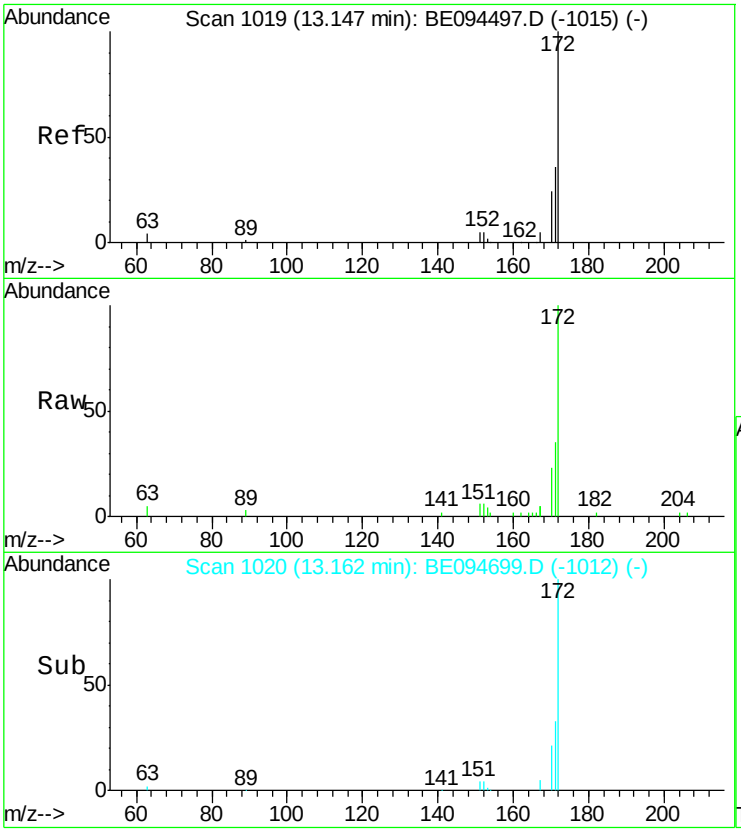


#14
2,4,6-Tribromophenol
Concen: 0.262 ng
RT: 16.06 min Scan# 1207
Delta R.T. 0.03 min
Lab File: BE094699.D
Acq: 2 Nov 2017 17:27

Tgt Ion:330 Resp: 309

Ion	Ratio	Lower	Upper
330	100		
332	98.1	152.7	229.1#
141	0.0	33.7	50.5#



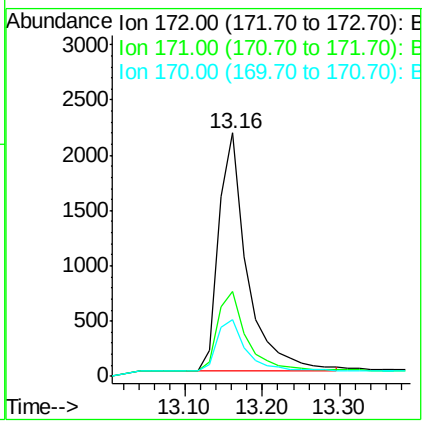


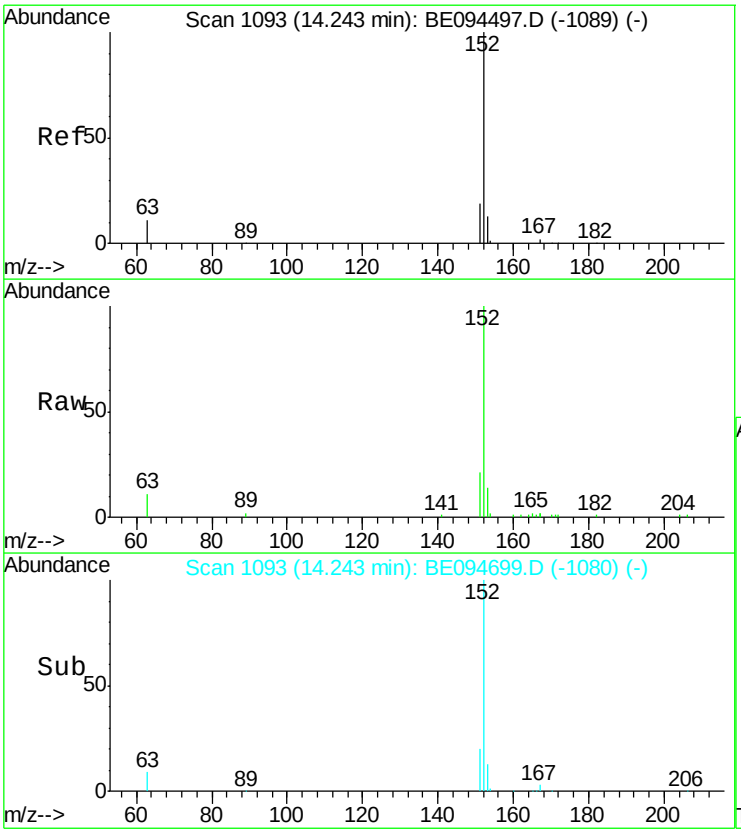
#15
2-Fluorobiphenyl
Concen: 0.364 ng
RT: 13.16 min Scan# 1020
Delta R.T. 0.01 min
Lab File: BE094699.D
Acq: 2 Nov 2017 17:27

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:172 Resp: 5499

Ion	Ratio	Lower	Upper
172	100		
171	35.0	29.9	44.9
170	23.1	21.8	32.8

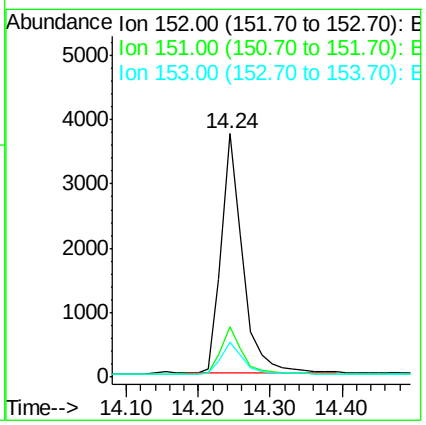


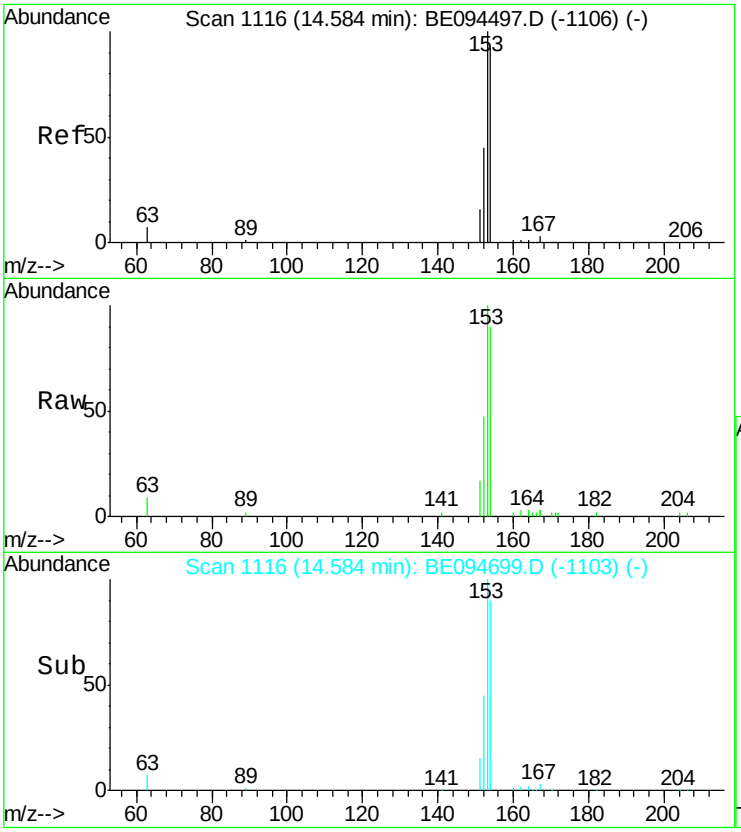


#16
Acenaphthylene
Concen: 0.344 ng
RT: 14.24 min Scan# 1093
Delta R.T. -0.00 min
Lab File: BE094699.D
Acq: 2 Nov 2017 17:27

Tgt Ion:152 Resp: 7773

Ion	Ratio	Lower	Upper
152	100		
151	19.8	15.7	23.5
153	13.3	10.5	15.7



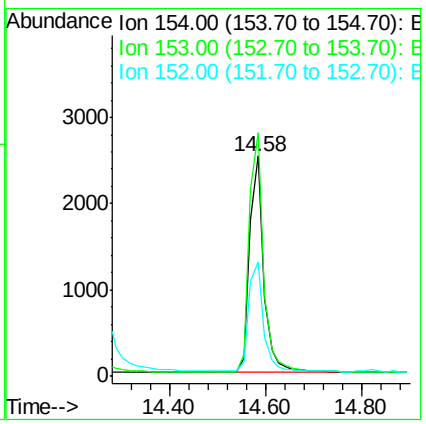


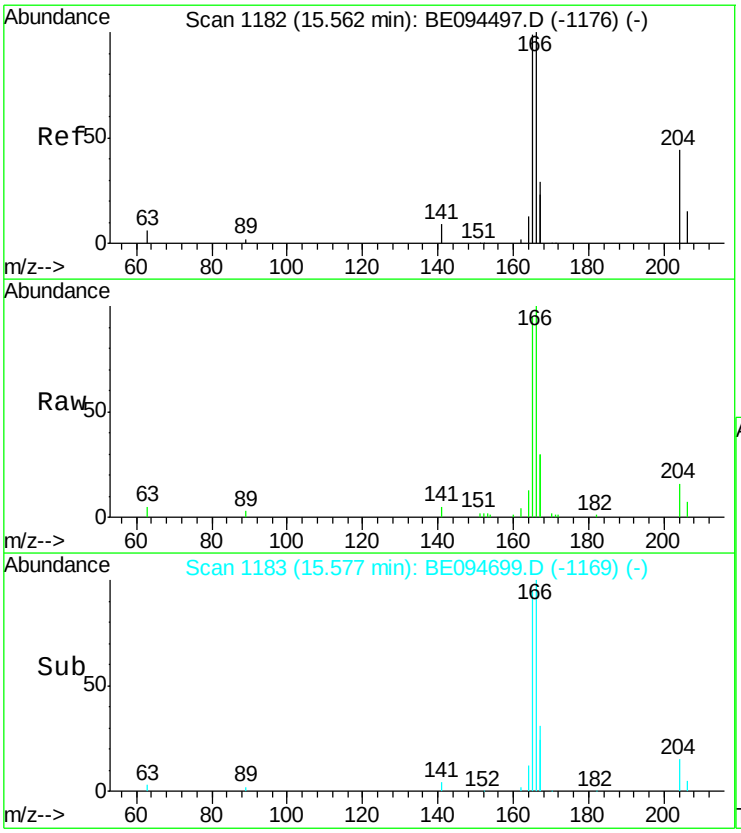
#17
Acenaphthene
Concen: 0.358 ng
RT: 14.58 min Scan# 1116
Delta R.T. -0.00 min
Lab File: BE094699.D
Acq: 2 Nov 2017 17:27

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:154 Resp: 5192

Ion	Ratio	Lower	Upper
154	100		
153	111.8	89.2	133.8
152	52.3	42.0	63.0

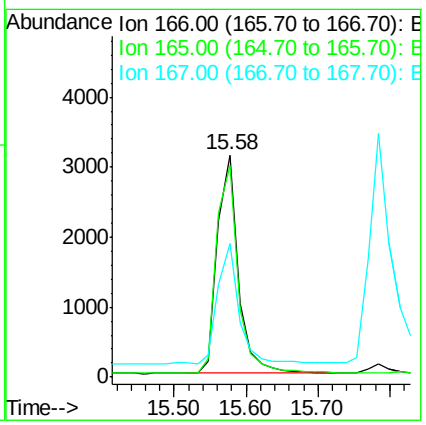


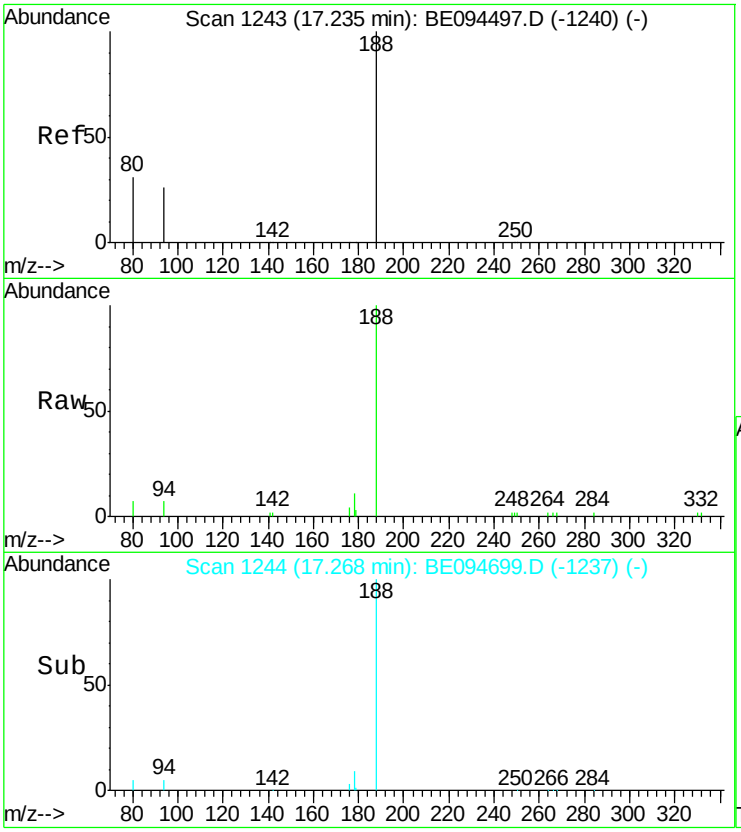


#18
Fluorene
Concen: 0.342 ng
RT: 15.58 min Scan# 1183
Delta R.T. 0.01 min
Lab File: BE094699.D
Acq: 2 Nov 2017 17:27

Tgt Ion:166 Resp: 6357

Ion	Ratio	Lower	Upper
166	100		
165	98.3	77.8	116.6
167	54.6	42.4	63.6



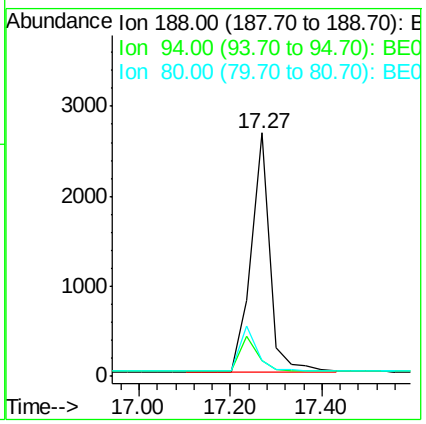


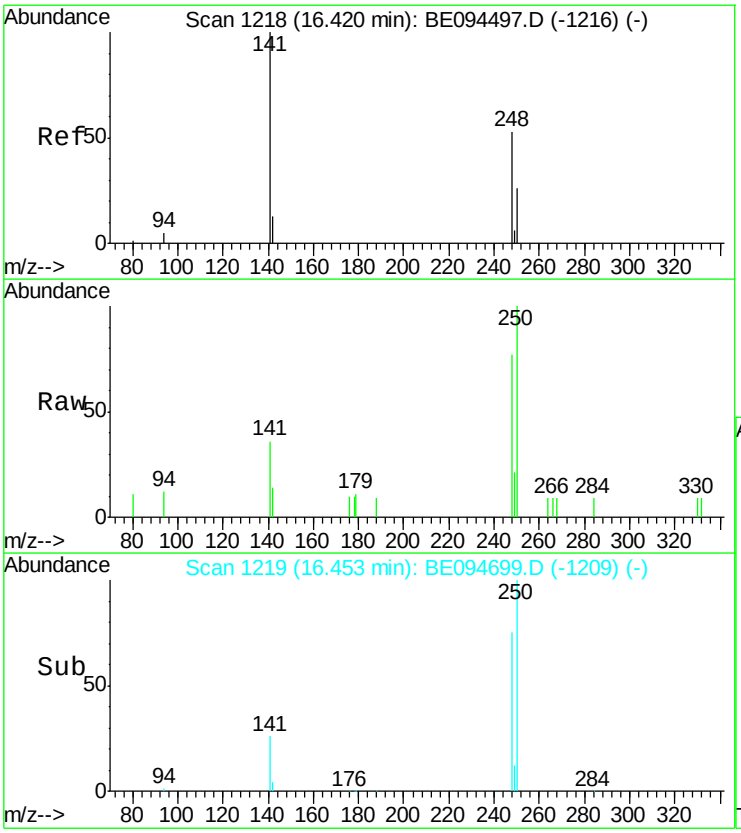
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.27 min Scan# 1244
Delta R.T. 0.03 min
Lab File: BE094699.D
Acq: 2 Nov 2017 17:27

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:188 Resp: 7743

Ion	Ratio	Lower	Upper
188	100		
94	6.7	3.9	5.9#
80	6.6	3.6	5.4#

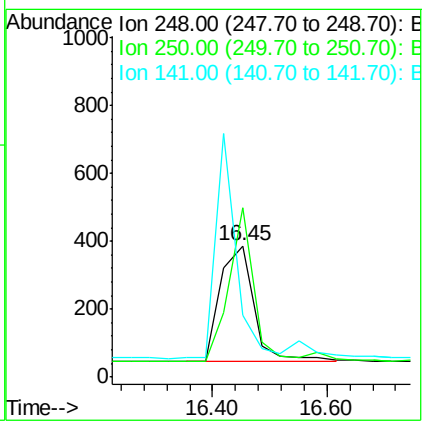


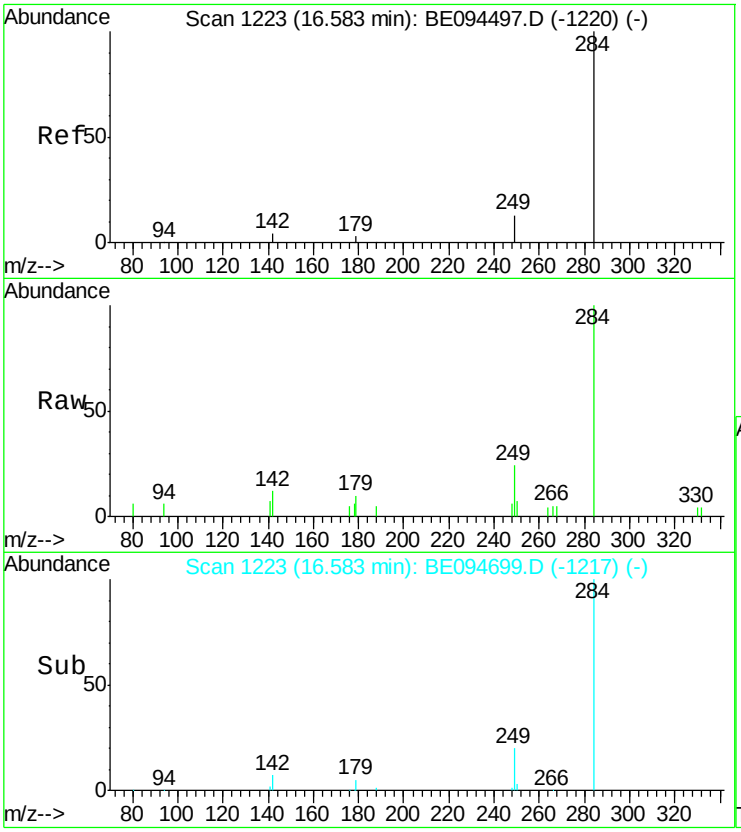


#20
4-Bromophenyl-phenylether
Concen: 0.329 ng
RT: 16.45 min Scan# 1219
Delta R.T. 0.03 min
Lab File: BE094699.D
Acq: 2 Nov 2017 17:27

Tgt Ion:248 Resp: 1389

Ion	Ratio	Lower	Upper
248	100		
250	129.3	62.7	94.1#
141	46.9	48.2	72.2#



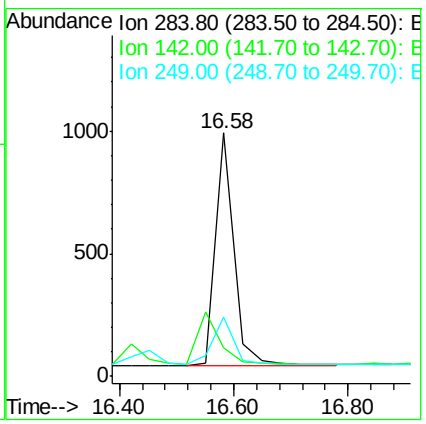


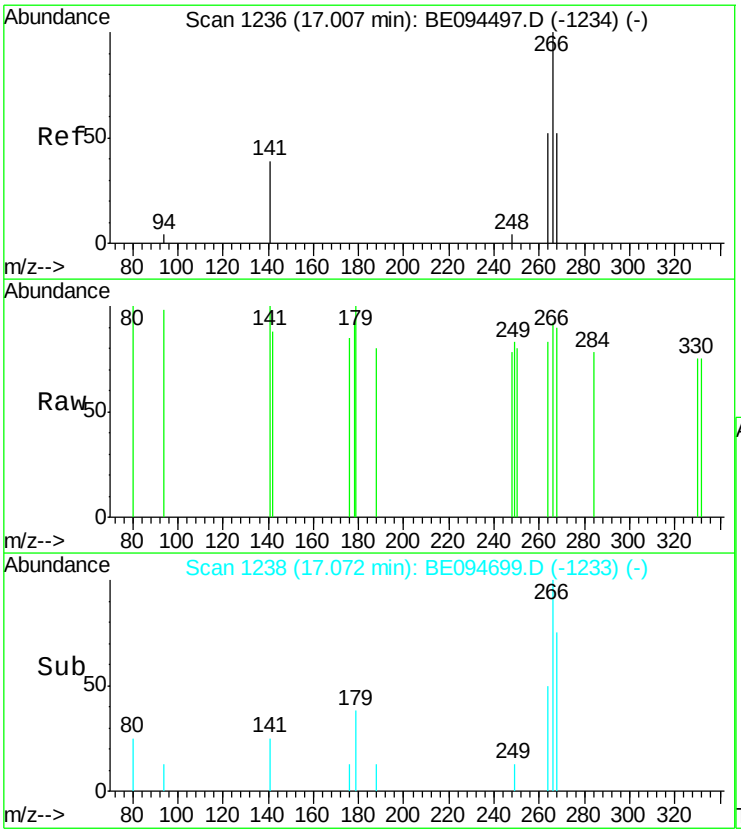
#21
Hexachlorobenzene
Concen: 0.571 ng
RT: 16.58 min Scan# 1223
Delta R.T. -0.00 min
Lab File: BE094699.D
Acq: 2 Nov 2017 17:27

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:284 Resp: 2112

Ion	Ratio	Lower	Upper
284	100		
142	0.0	22.1	33.1#
249	23.0	34.8	52.2#

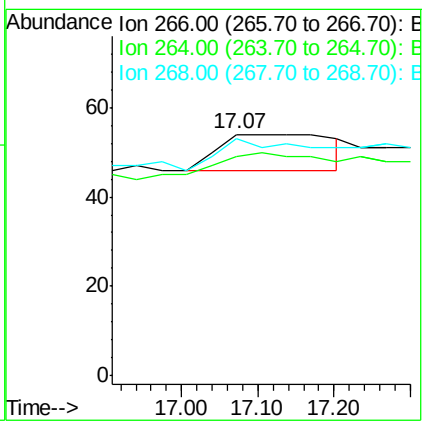


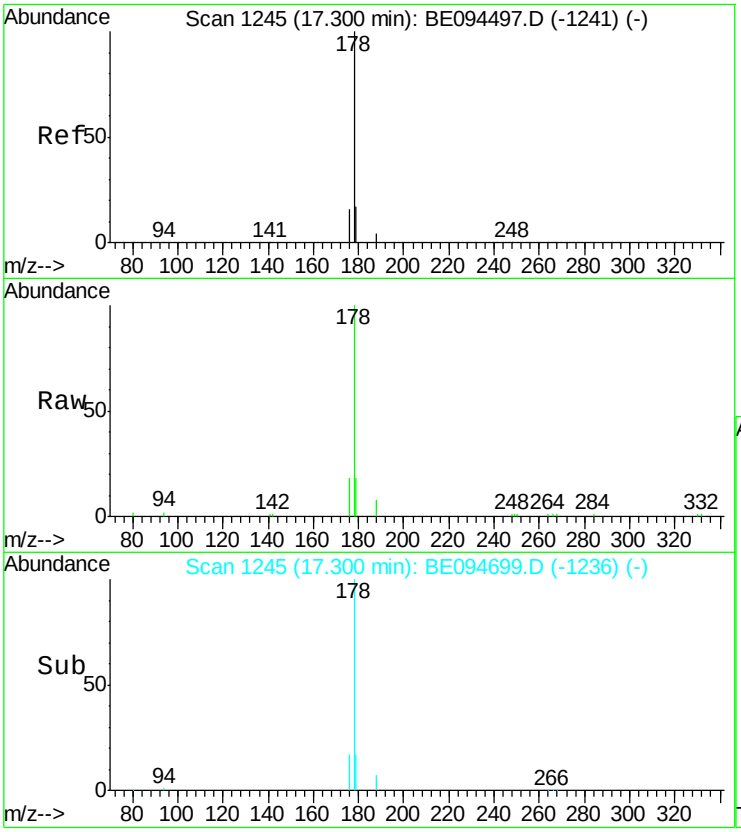


#22
Pentachlorophenol
Concen: 0.178 ng
RT: 17.07 min Scan# 1238
Delta R.T. 0.07 min
Lab File: BE094699.D
Acq: 2 Nov 2017 17:27

Tgt Ion:266 Resp: 84

Ion	Ratio	Lower	Upper
266	100		
264	90.7	72.5	108.7
268	98.1	73.8	110.6



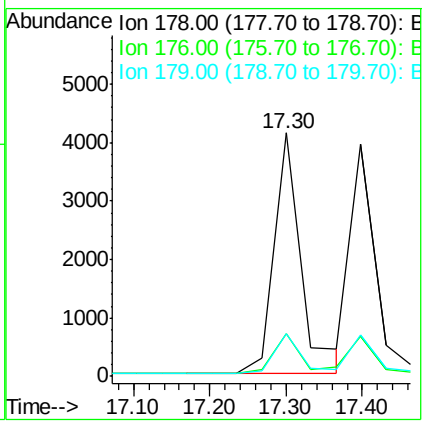


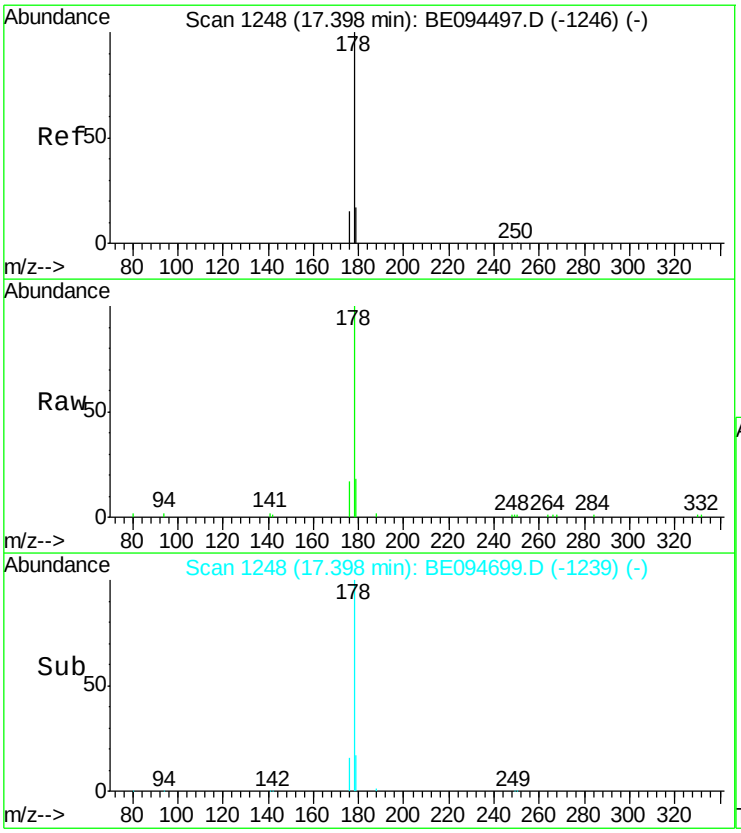
#23
Phenanthrene
Concen: 0.511 ng
RT: 17.30 min Scan# 1245
Delta R.T. 0.00 min
Lab File: BE094699.D
Acq: 2 Nov 2017 17:27

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:178 Resp: 10194

Ion	Ratio	Lower	Upper
178	100		
176	17.8	15.1	22.7
179	16.2	11.8	17.6

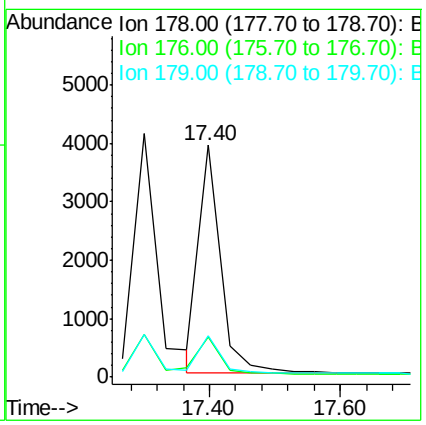


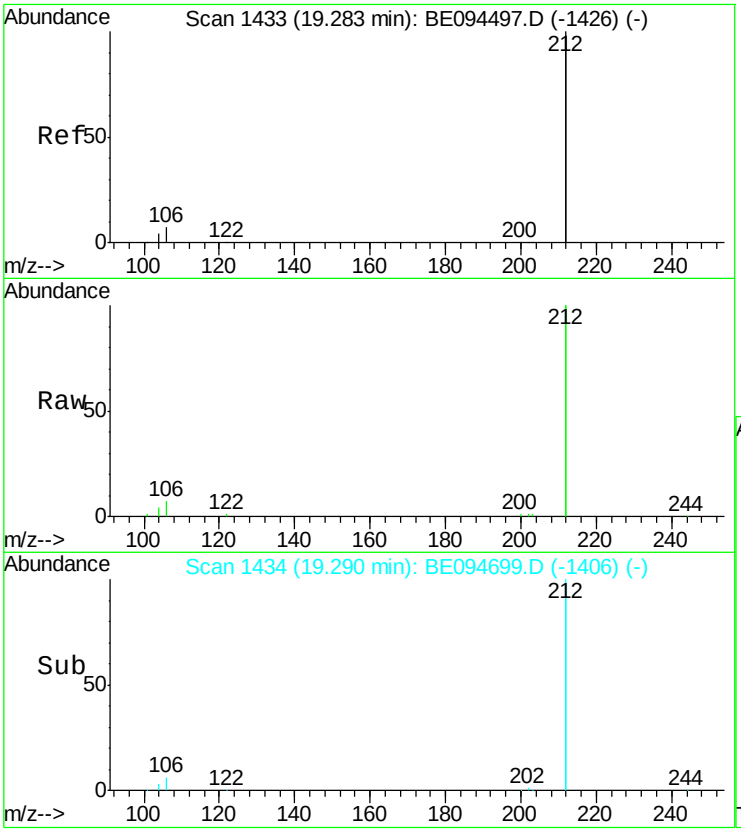


#24
Anthracene
Concen: 0.395 ng
RT: 17.40 min Scan# 1248
Delta R.T. -0.00 min
Lab File: BE094699.D
Acq: 2 Nov 2017 17:27

Tgt Ion:178 Resp: 8986

Ion	Ratio	Lower	Upper
178	100		
176	16.2	12.8	19.2
179	16.9	13.0	19.6



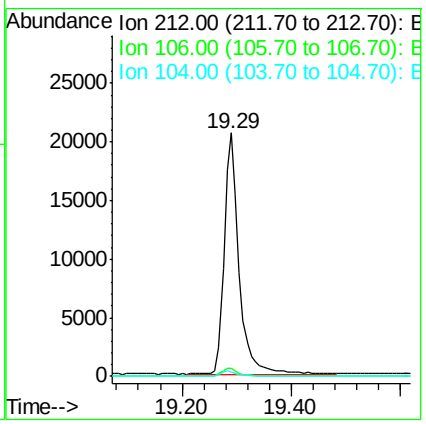


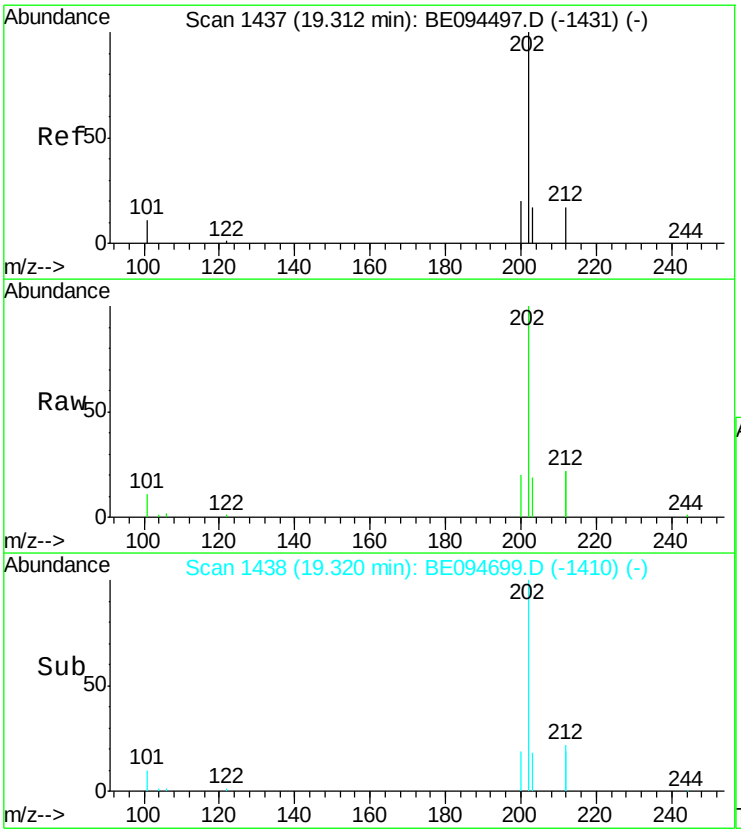
#25
Fluoranthene-d10
Concen: 0.411 ng
RT: 19.29 min Scan# 1434
Delta R.T. 0.01 min
Lab File: BE094699.D
Acq: 2 Nov 2017 17:27

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:212 Resp: 38971

Ion	Ratio	Lower	Upper
212	100		
106	3.3	2.8	4.2
104	1.9	1.6	2.4

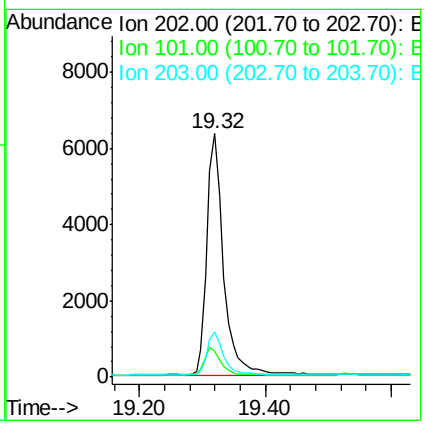


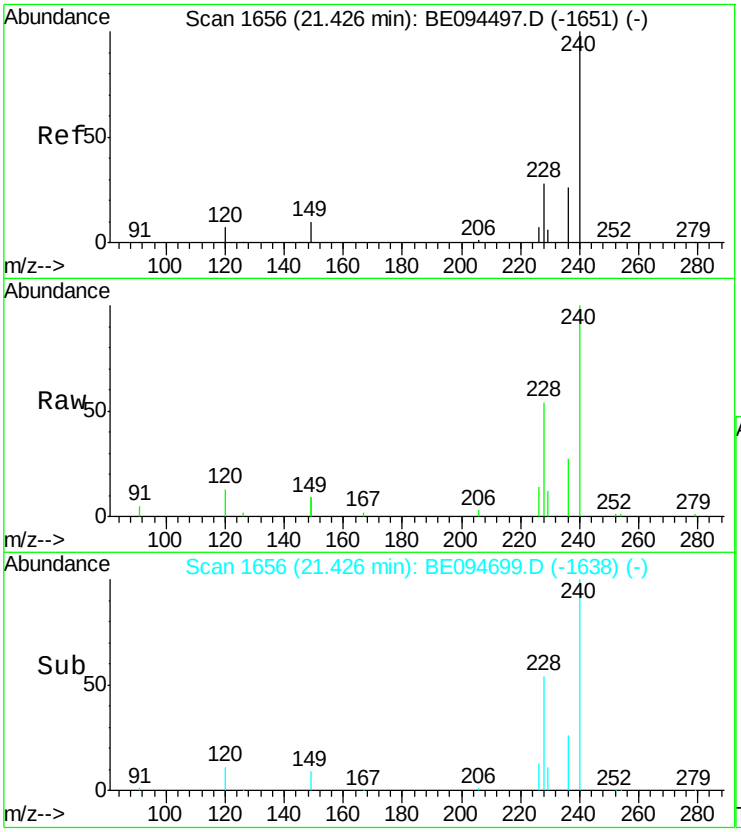


#26
Fluoranthene
Concen: 0.402 ng
RT: 19.32 min Scan# 1438
Delta R.T. 0.01 min
Lab File: BE094699.D
Acq: 2 Nov 2017 17:27

Tgt Ion:202 Resp: 11659

Ion	Ratio	Lower	Upper
202	100		
101	11.2	9.8	14.8
203	17.3	13.7	20.5



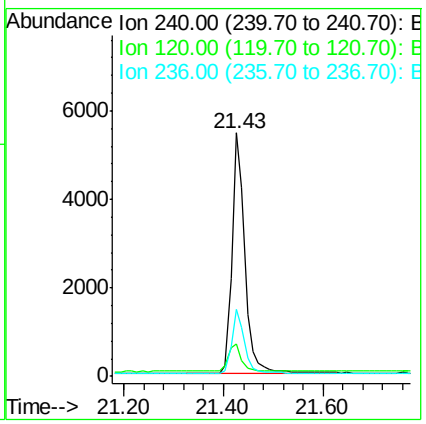


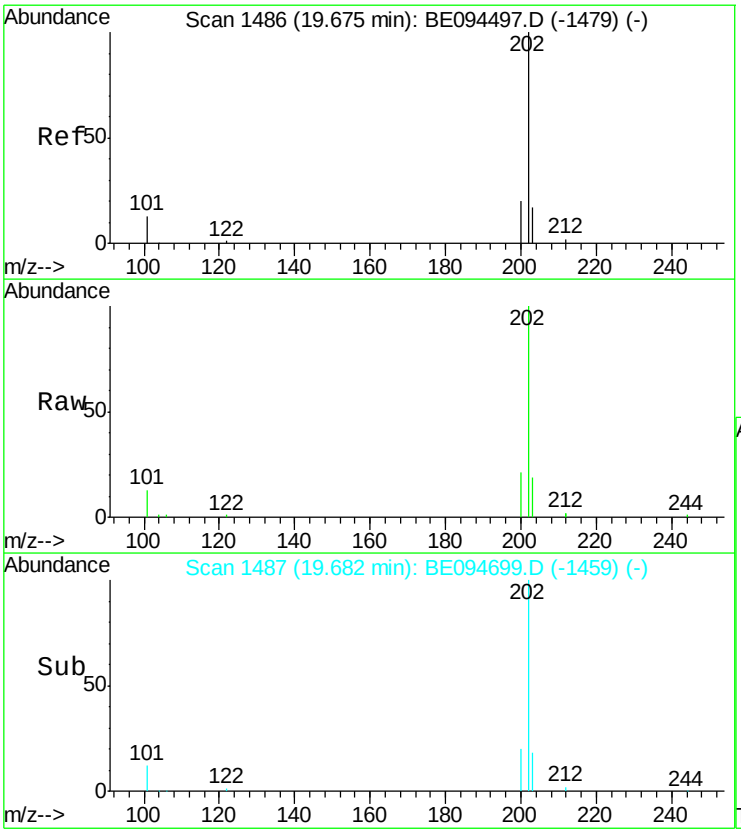
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.43 min Scan# 1656
Delta R.T. -0.00 min
Lab File: BE094699.D
Acq: 2 Nov 2017 17:27

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:240 Resp: 9749

Ion	Ratio	Lower	Upper
240	100		
120	13.1	5.5	8.3#
236	27.4	20.7	31.1

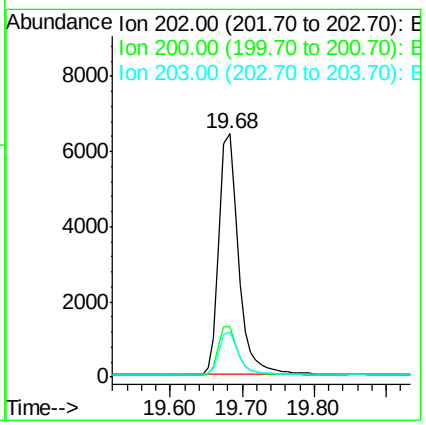


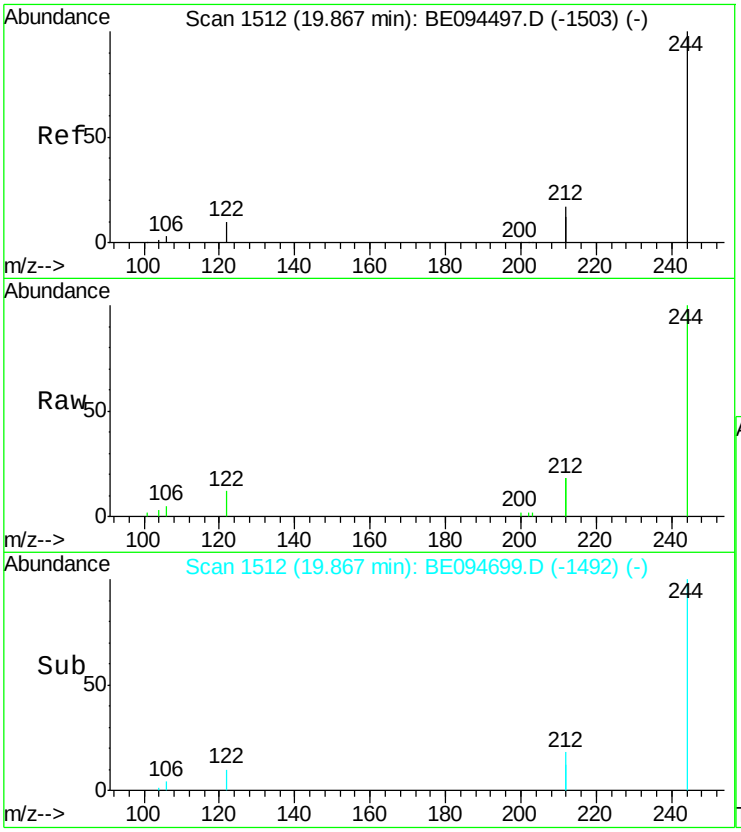


#28
Pyrene
Concen: 0.356 ng
RT: 19.68 min Scan# 1487
Delta R.T. 0.01 min
Lab File: BE094699.D
Acq: 2 Nov 2017 17:27

Tgt Ion:202 Resp: 12139

Ion	Ratio	Lower	Upper
202	100		
200	20.5	16.6	25.0
203	17.6	13.8	20.8



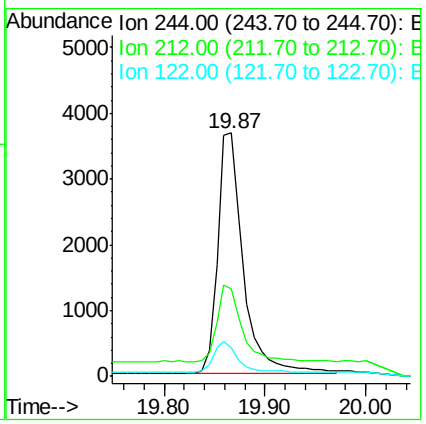


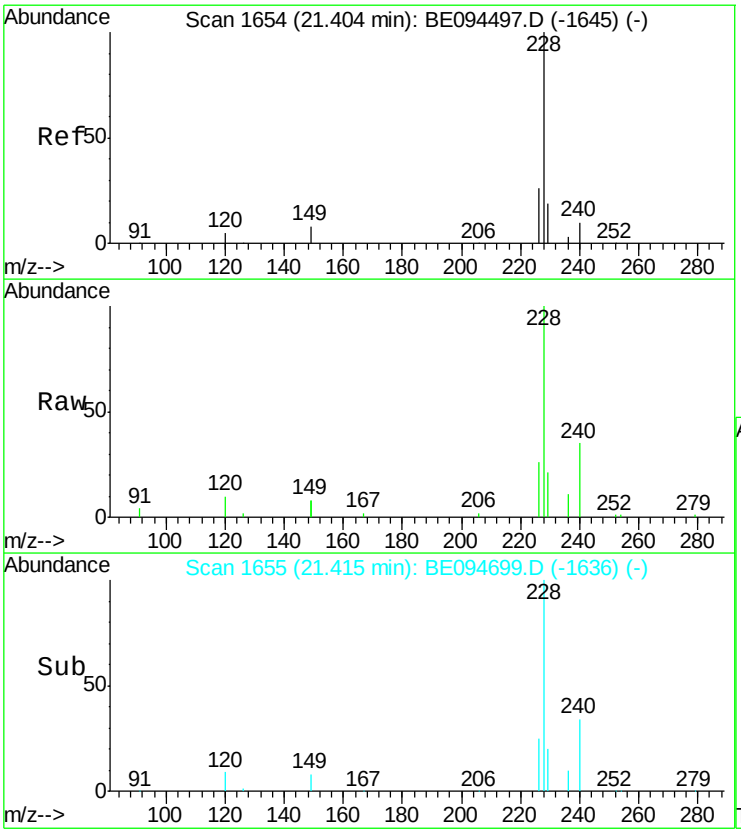
#29
Terphenyl-d14
Concen: 0.349 ng
RT: 19.87 min Scan# 1512
Delta R.T. -0.00 min
Lab File: BE094699.D
Acq: 2 Nov 2017 17:27

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:244 Resp: 6419

Ion	Ratio	Lower	Upper
244	100		
212	36.1	25.4	38.0
122	11.9	8.1	12.1

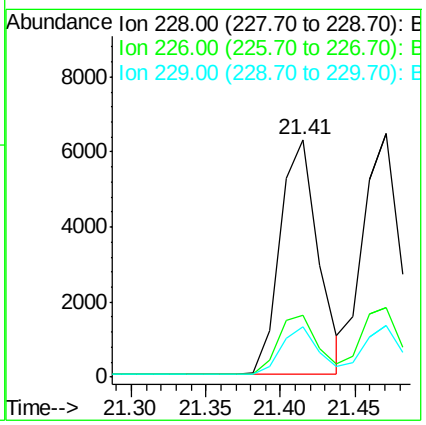


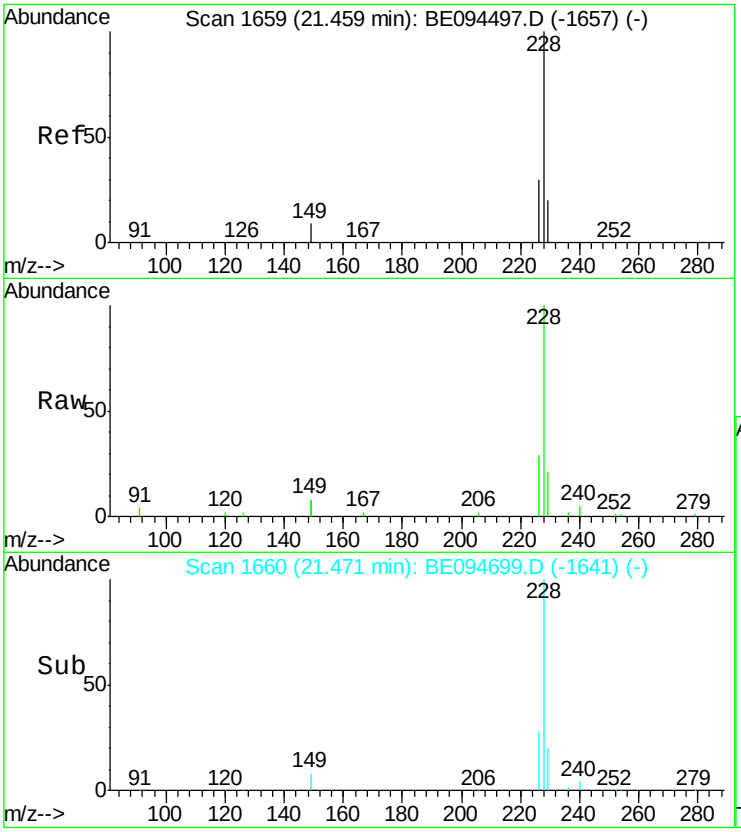


#30
Benzo(a)anthracene
Concen: 0.350 ng
RT: 21.41 min Scan# 1655
Delta R.T. 0.01 min
Lab File: BE094699.D
Acq: 2 Nov 2017 17:27

Tgt Ion:228 Resp: 11101

Ion	Ratio	Lower	Upper
228	100		
226	25.9	40.0	60.0#
229	21.0	40.0	60.0#



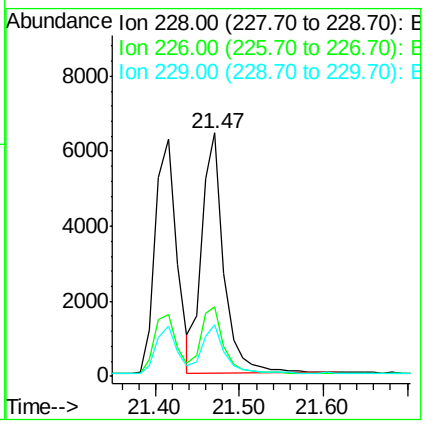


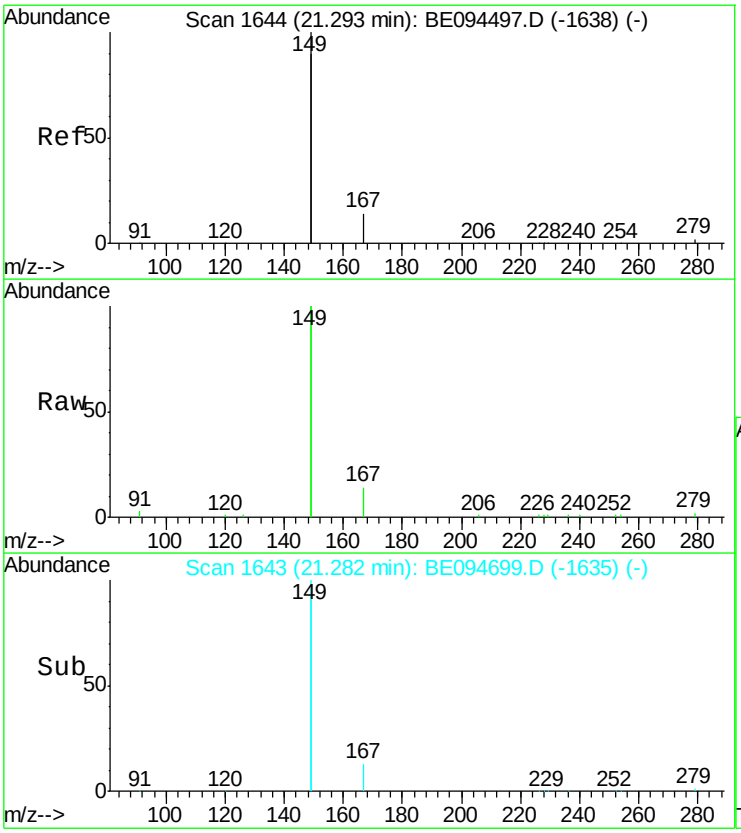
#31
Chrysene
Concen: 0.365 ng
RT: 21.47 min Scan# 1660
Delta R.T. 0.01 min
Lab File: BE094699.D
Acq: 2 Nov 2017 17:27

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:228 Resp: 11769

Ion	Ratio	Lower	Upper
228	100		
226	28.7	40.0	60.0#
229	21.4	40.0	60.0#

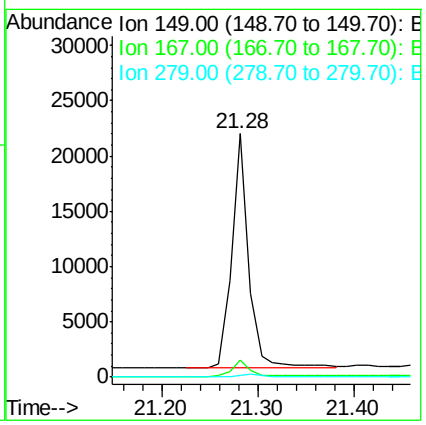


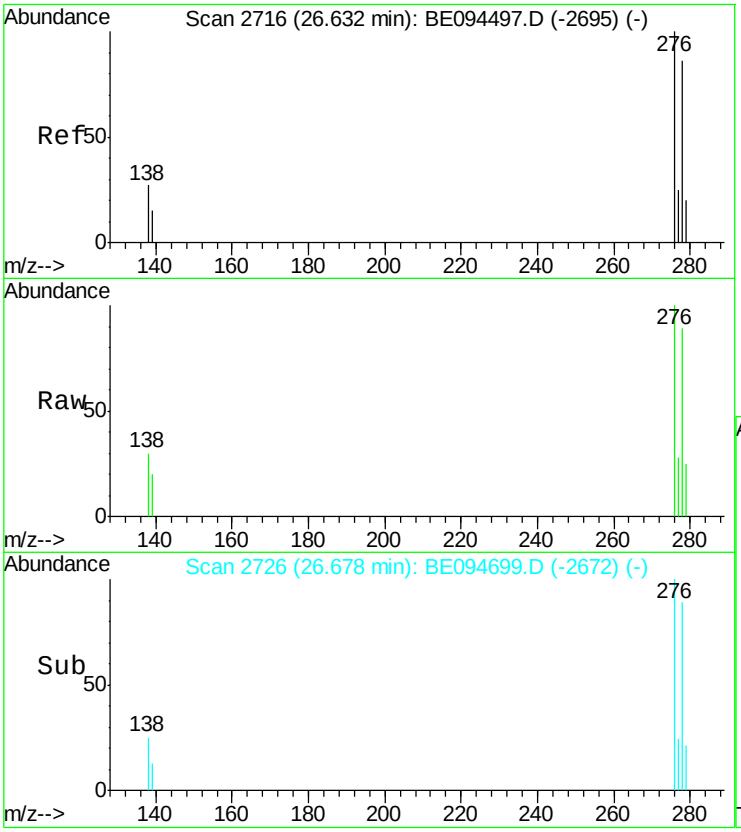


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.331 ng
RT: 21.28 min Scan# 1643
Delta R.T. -0.01 min
Lab File: BE094699.D
Acq: 2 Nov 2017 17:27

Tgt Ion:149 Resp: 25781

Ion	Ratio	Lower	Upper
149	100		
167	7.0	5.4	8.0
279	0.9	0.7	1.1



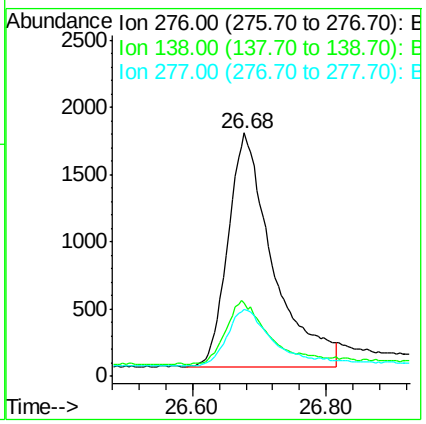


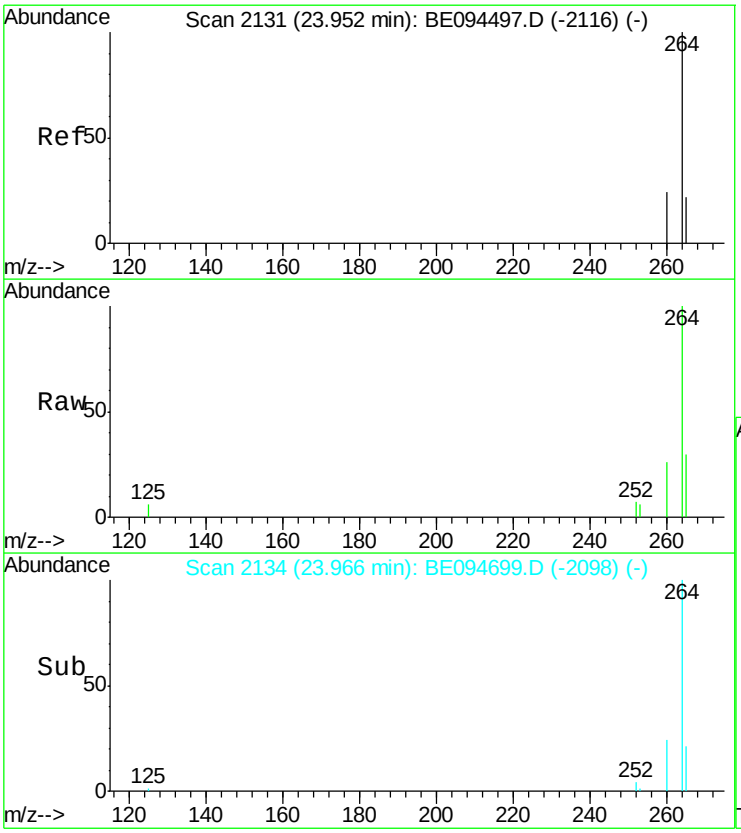
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.271 ng
RT: 26.68 min Scan# 2726
Delta R.T. 0.05 min
Lab File: BE094699.D
Acq: 2 Nov 2017 17:27

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:276 Resp: 8067

Ion	Ratio	Lower	Upper
276	100		
138	26.6	22.5	33.7
277	24.2	19.9	29.9

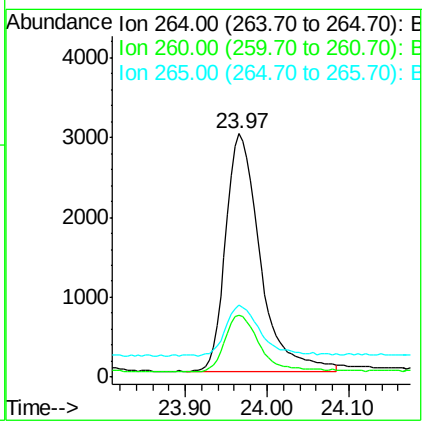


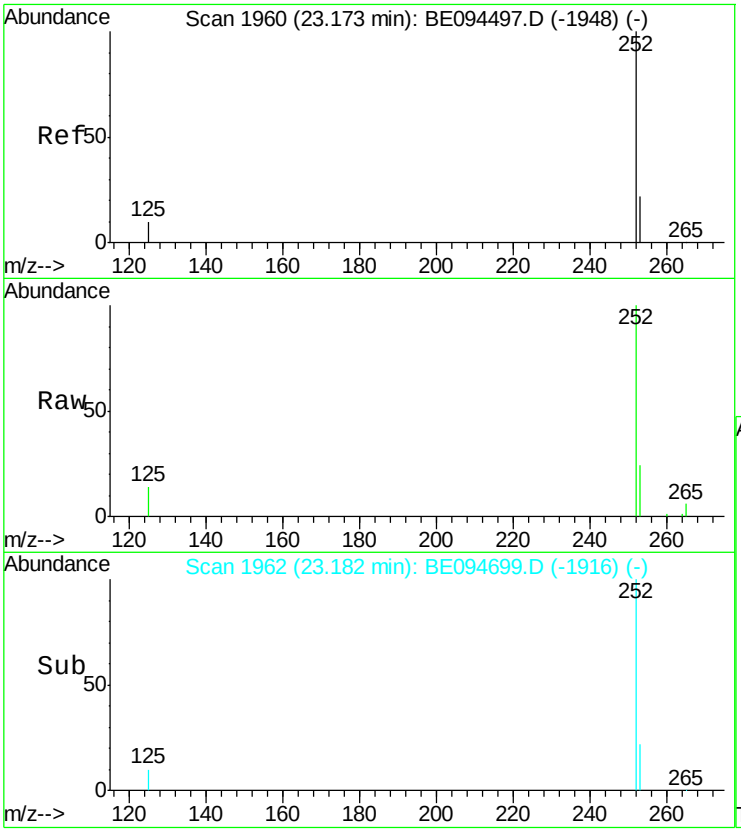


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.97 min Scan# 2134
Delta R.T. 0.01 min
Lab File: BE094699.D
Acq: 2 Nov 2017 17:27

Tgt Ion:264 Resp: 8696

Ion	Ratio	Lower	Upper
264	100		
260	25.6	20.5	30.7
265	29.6	22.8	34.2



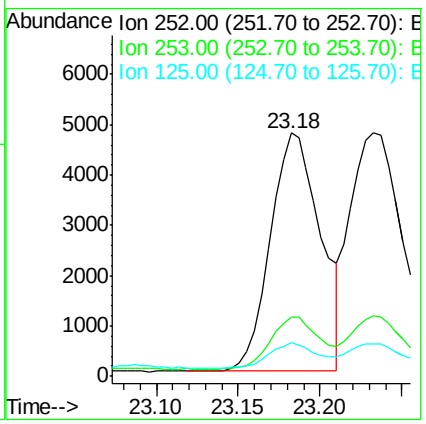


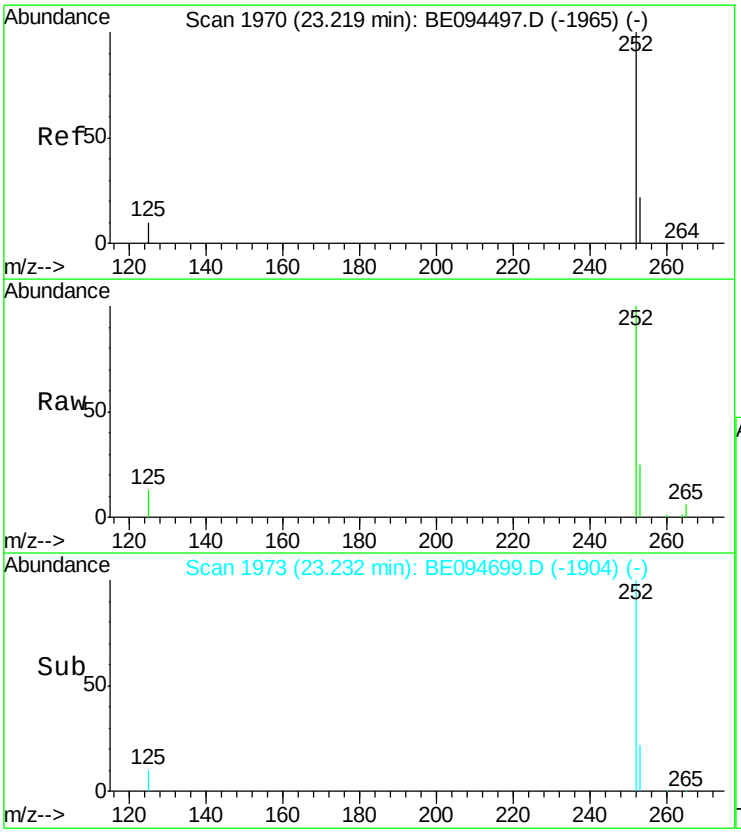
#35
Benzo(b)fluoranthene
Concen: 0.359 ng
RT: 23.18 min Scan# 1962
Delta R.T. 0.01 min
Lab File: BE094699.D
Acq: 2 Nov 2017 17:27

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:252 Resp: 10109

Ion	Ratio	Lower	Upper
252	100		
253	24.4	48.0	72.0#
125	13.7	56.0	84.0#

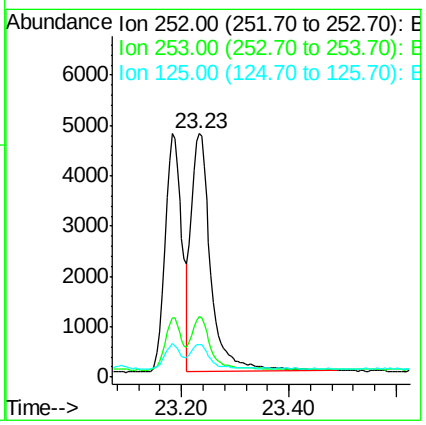


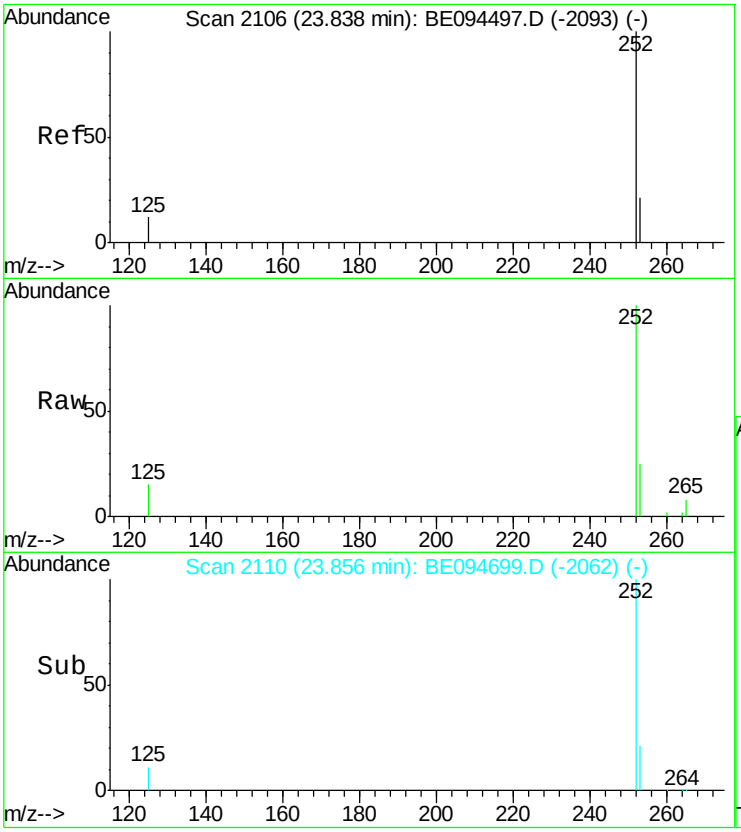


#36
Benzo(k)fluoranthene
Concen: 0.398 ng
RT: 23.23 min Scan# 1973
Delta R.T. 0.01 min
Lab File: BE094699.D
Acq: 2 Nov 2017 17:27

Tgt Ion:252 Resp: 11941

Ion	Ratio	Lower	Upper
252	100		
253	24.8	48.0	72.0#
125	13.4	56.0	84.0#



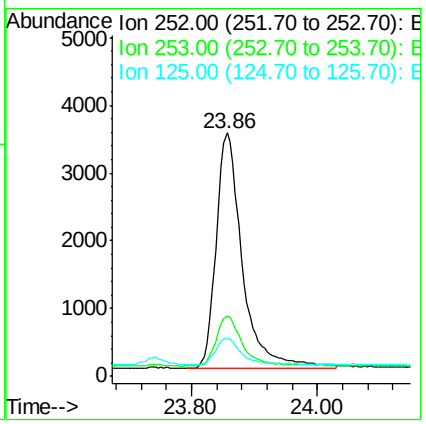


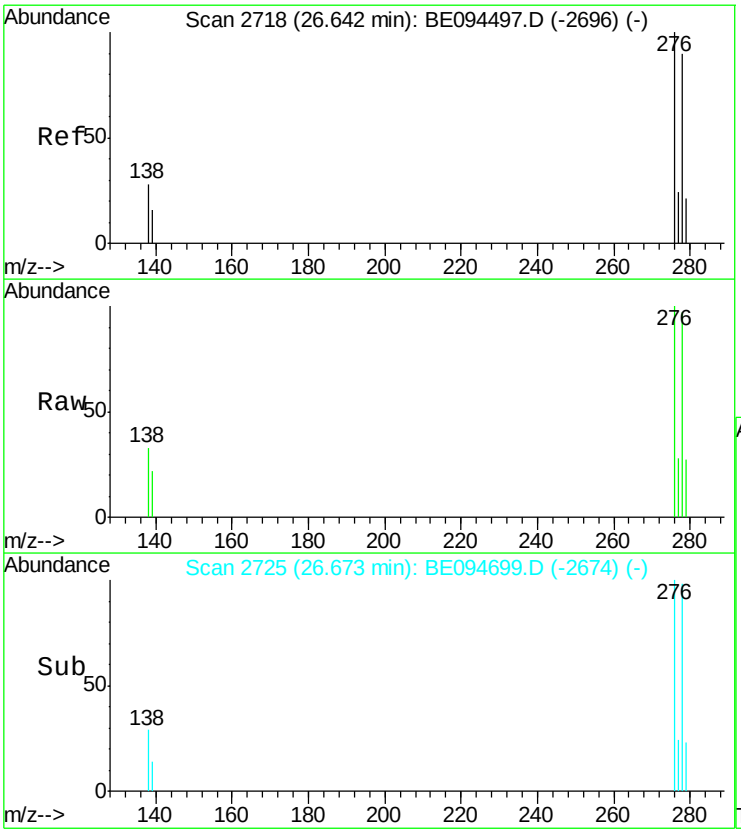
#37
Benzo(a)pyrene
Concen: 0.373 ng
RT: 23.86 min Scan# 2110
Delta R.T. 0.02 min
Lab File: BE094699.D
Acq: 2 Nov 2017 17:27

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:252 Resp: 10173

Ion	Ratio	Lower	Upper
252	100		
253	24.7	52.0	78.0#
125	15.2	68.0	102.0#

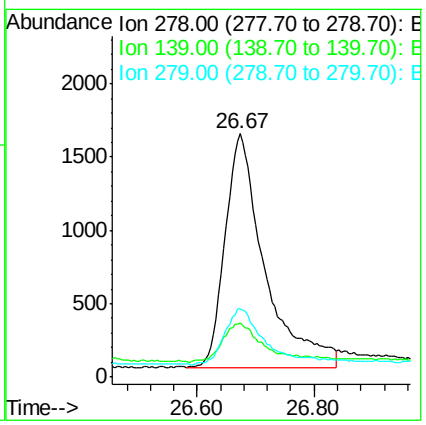


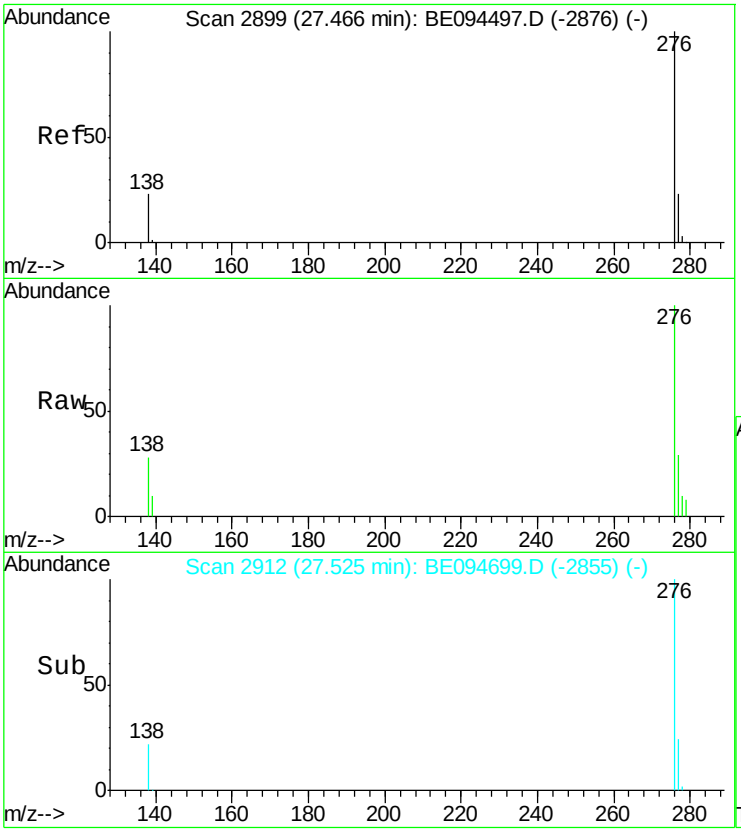


#38
Dibenzo(a,h)anthracene
Concen: 0.305 ng
RT: 26.67 min Scan# 2725
Delta R.T. 0.03 min
Lab File: BE094699.D
Acq: 2 Nov 2017 17:27

Tgt Ion:278 Resp: 7481

Ion	Ratio	Lower	Upper
278	100		
139	22.2	56.0	84.0#
279	28.1	52.0	78.0#





#39
Benzo(g,h,i)perylene
Concen: 0.266 ng
RT: 27.53 min Scan# 2912
Delta R.T. 0.06 min
Lab File: BE094699.D
Acq: 2 Nov 2017 17:27

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:276 Resp: 6094

Ion	Ratio	Lower	Upper
276	100		
277	28.8	52.0	78.0#
138	28.0	44.0	66.0#