Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE110917\
Data File : BE094786.D
Acq On : 8 Nov 2017 17:09
Operator : SJ/JU
Sample : PB103996BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : PB103996BS

Quant Time: Nov 09 00:20:53 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	7.92	152	1037	0.40	ng		0.01
7) Naphthalene-d8	10.72	136	6474	0.40	ng		0.02
13) Acenaphthene-d10	14.52	164	3751	0.40	ng		0.01
19) Phenanthrene-d10	17.27	188	9542	0.40	ng		0.03
27) Chrysene-d12	21.44	240	8937	0.40	ng		0.01
34) Perylene-d12	23.98	264	7941	0.40	ng		0.03
System Monitoring Compounds							
4) 2-Fluorophenol	5.56	112	929	0.26	ng		0.04
5) Phenol-d6	7.22	99	1553	0.29	ng		0.09
8) Nitrobenzene-d5	9.13	82	1342	0.26	ng		0.05
11) 2-Methylnaphthalene-d10	12.31	152	3924	0.38	ng		0.02
14) 2,4,6-Tribromophenol	16.06	330	258	0.25	ng		0.03
15) 2-Fluorobiphenyl	13.16	172	4015	0.30	ng		0.01
25) Fluoranthene-d10	19.30	212	31093	0.23	ng		0.01
29) Terphenyl-d14	19.87	244	5277	0.31	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.41	88	398	0.23	ng	#	16
3) n-Nitrosodimethylamine	3.75	42	441	0.26	ng	#	85
6) bis(2-Chloroethyl)ether	7.35	93	1090	0.26	ng	#	57
9) Naphthalene	10.77	128	18032	0.25	ng		98
10) Hexachlorobutadiene	11.01	225	708	0.27	ng		95
12) 2-Methylnaphthalene	12.38	142	3182	0.26	ng		98
16) Acenaphthylene	14.26	152	4981	0.25	ng		100
17) Acenaphthene	14.58	154	3204	0.25	ng		98
18) Fluorene	15.59	166	4124	0.25	ng		99
20) 4-Bromophenyl-phenylether	16.45	248	1074	0.21	ng	#	76
21) Hexachlorobenzene	16.58	284	1126	0.25	ng		94
22) Pentachlorophenol	17.07	266	94	0.16	ng		98
23) Phenanthrene	17.30	178	7262	0.27	ng		99
24) Anthracene	17.40	178	7322	0.26	ng		97
26) Fluoranthene	19.33	202	7917	0.18	ng		98
28) Pyrene	19.69	202	8051	0.26	ng		98
30) Benzo(a)anthracene	21.42	228	7672	0.26	ng	#	64
31) Chrysene	21.47	228	7739	0.26	ng	#	67
32) Bis(2-ethylhexyl)phthalate	21.28	149	19647	0.28	ng		99
33) Indeno(1,2,3-cd)pyrene	26.71	276	5727	0.21	ng		95
35) Benzo(b)fluoranthene	23.20	252	6916	0.27	ng	#	45
36) Benzo(k)fluoranthene	23.25	252	7661	0.28	ng	#	45
37) Benzo(a)pyrene	23.87	252	6963	0.28	ng	#	40
38) Dibenzo(a,h)anthracene	26.70	278	5265	0.24	ng	#	53
39) Benzo(g,h,i)perylene	27.56	276	4237	0.20	ng	#	65

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE110917\
Data File : BE094786.D
Acq On : 8 Nov 2017 17:09
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Sample : PB103996BS
Misc :
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Instrument :
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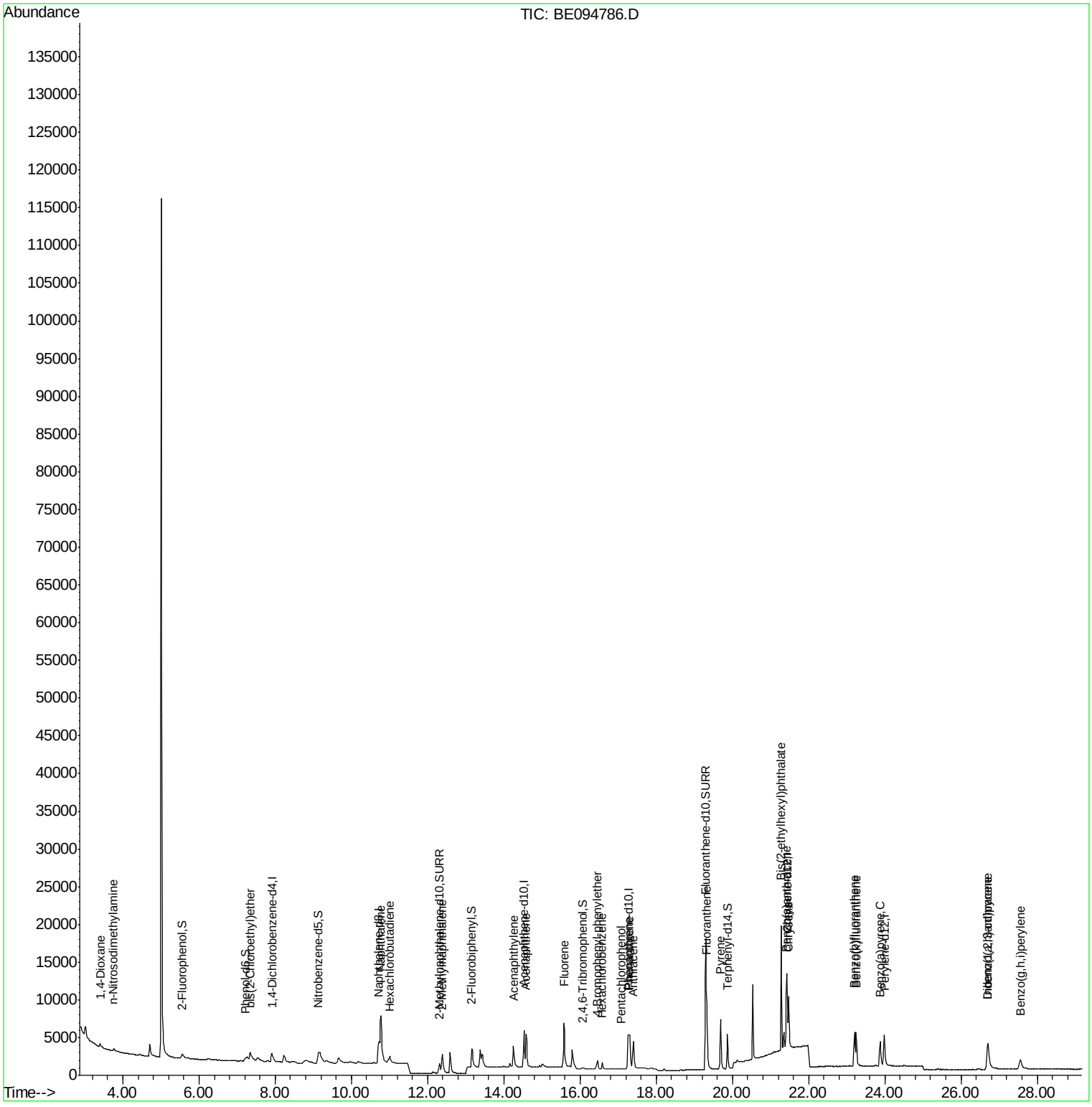
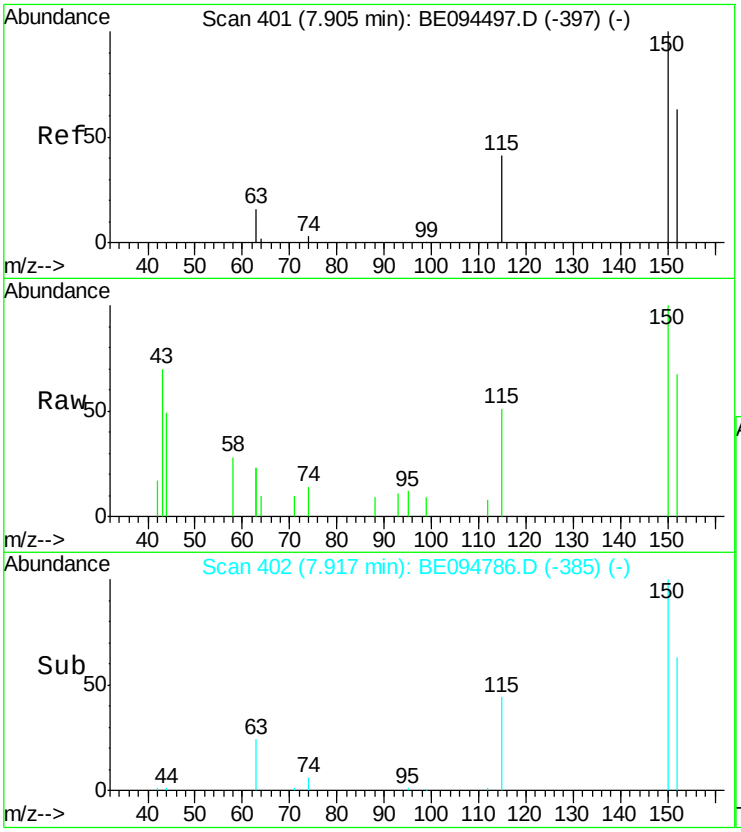
ClientSampleId :
PB103996BS

Quant Time: Nov 09 00:20:53 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



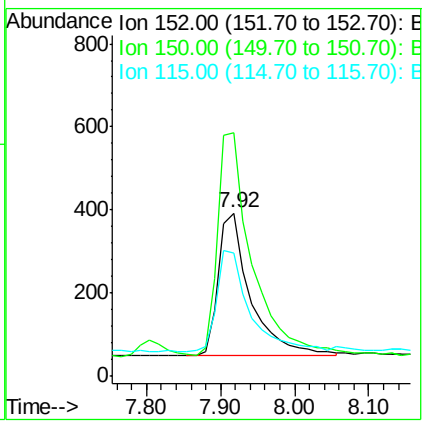


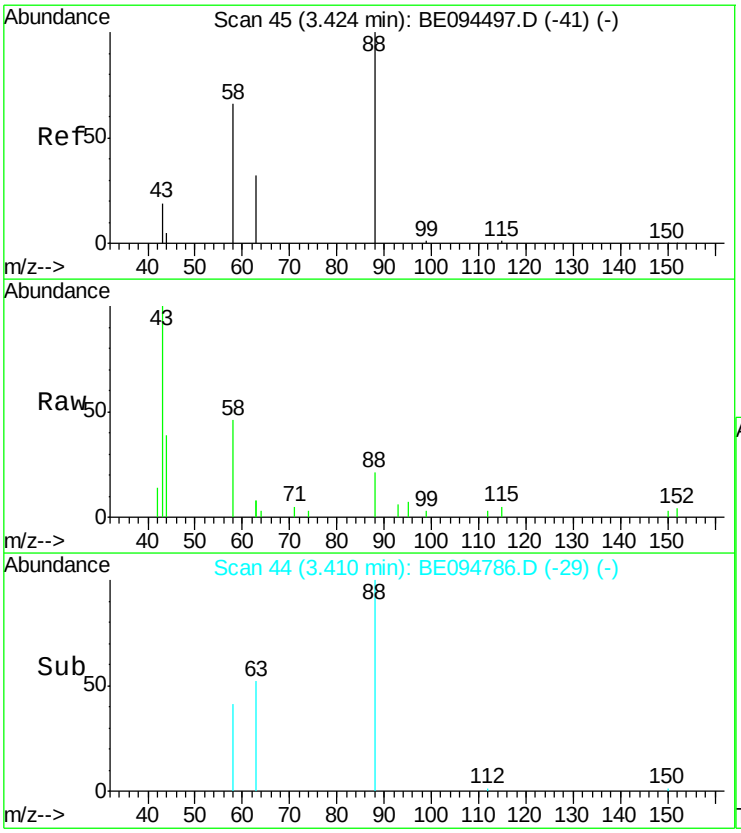
#1
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.92 min Scan# 402
Delta R.T. 0.01 min
Lab File: BE094786.D
Acq: 8 Nov 2017 17:09

Instrument :
BNA_E
ClientSampleId :
PB103996BS

Tgt Ion:152 Resp: 1037

Ion	Ratio	Lower	Upper
152	100		
150	149.5	117.2	175.8
115	75.5	57.0	85.6

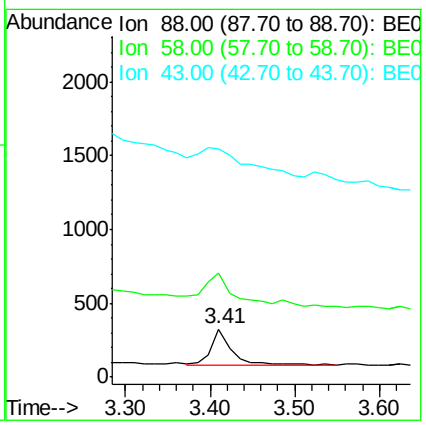


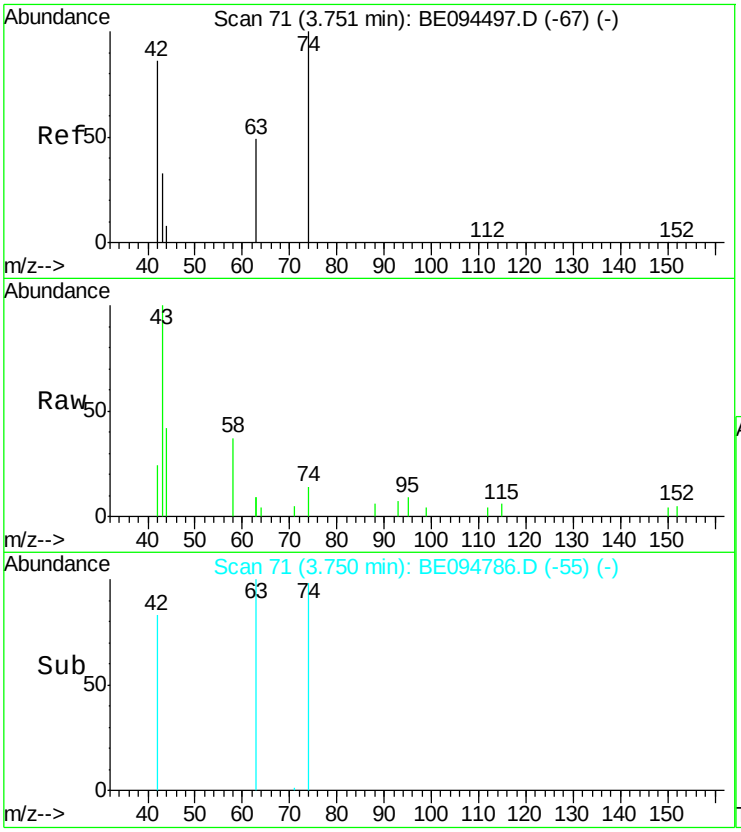


#2
1,4-Dioxane
Concen: 0.23 ng
RT: 3.41 min Scan# 44
Delta R.T. -0.01 min
Lab File: BE094786.D
Acq: 8 Nov 2017 17:09

Tgt Ion: 88 Resp: 398

Ion	Ratio	Lower	Upper
88	100		
58	159.0	63.2	94.8#
43	0.0	41.2	61.8#



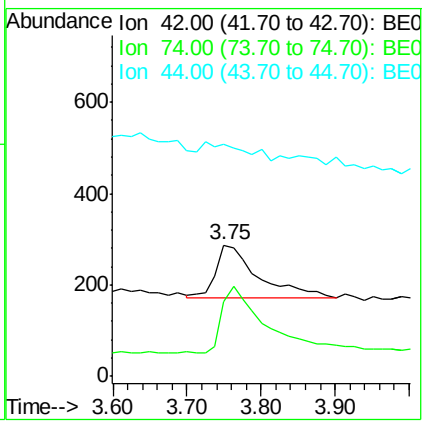


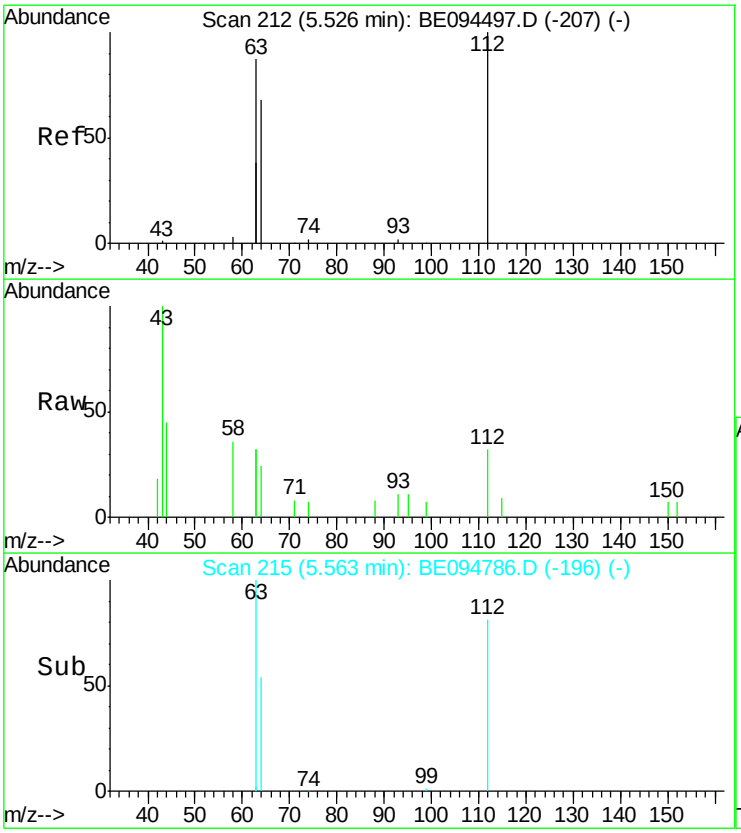
#3
n-Nitrosodimethylamine
Concen: 0.26 ng
RT: 3.75 min Scan# 71
Delta R.T. -0.00 min
Lab File: BE094786.D
Acq: 8 Nov 2017 17:09

Instrument :
BNA_E
ClientSampleId :
PB103996BS

Tgt Ion: 42 Resp: 441

Ion	Ratio	Lower	Upper
42	100		
74	136.5	100.3	150.5
44	0.0	17.0	25.4#

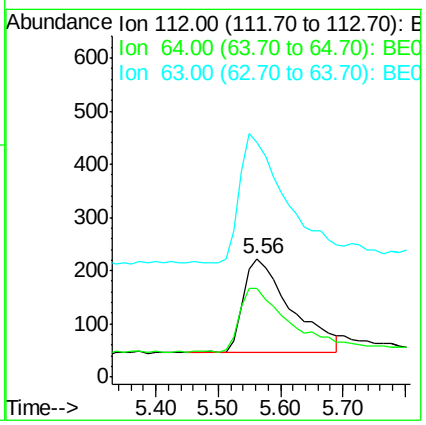


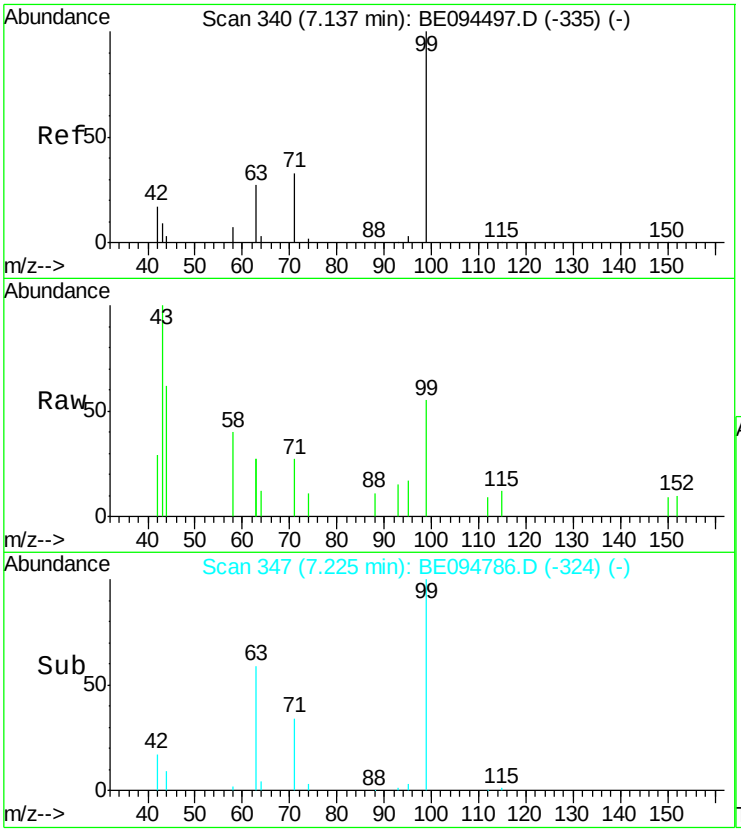


#4
2-Fluorophenol
Concen: 0.26 ng
RT: 5.56 min Scan# 215
Delta R.T. 0.04 min
Lab File: BE094786.D
Acq: 8 Nov 2017 17:09

Tgt Ion:112 Resp: 929

Ion	Ratio	Lower	Upper
112	100		
64	71.9	60.1	90.1
63	136.7	116.8	175.2



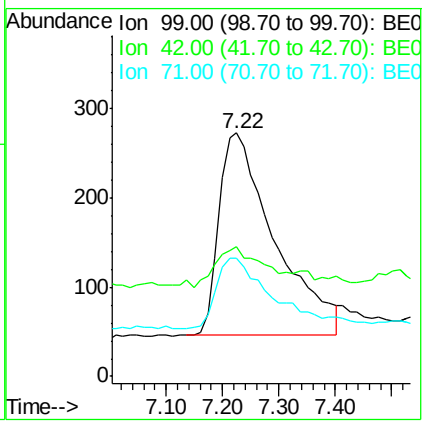


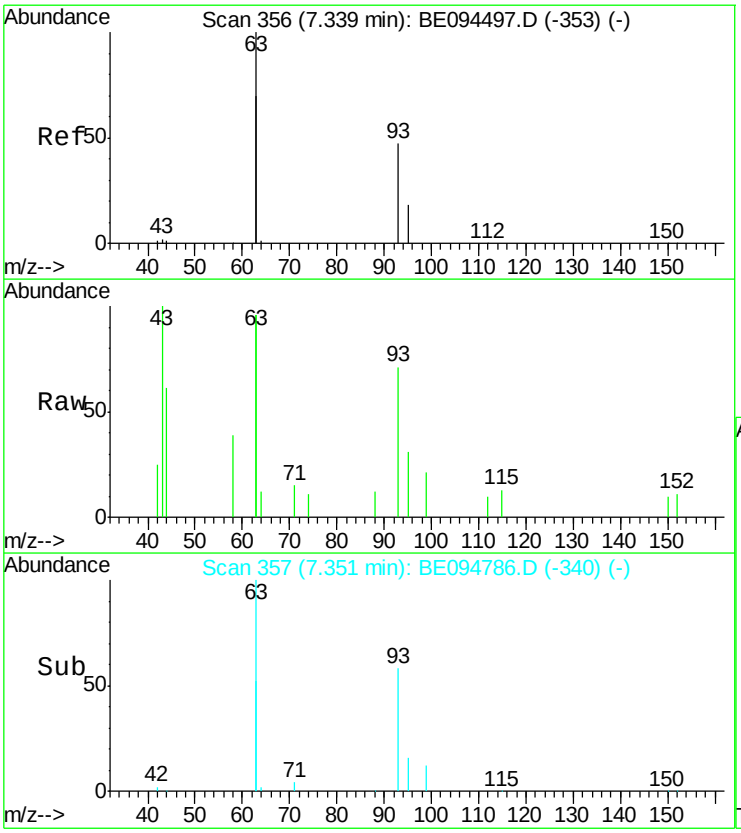
#5
Phenol-d6
Concen: 0.29 ng
RT: 7.22 min Scan# 347
Delta R.T. 0.09 min
Lab File: BE094786.D
Acq: 8 Nov 2017 17:09

Instrument :
BNA_E
ClientSampleId :
PB103996BS

Tgt Ion: 99 Resp: 1553

Ion	Ratio	Lower	Upper
99	100		
42	15.5	20.2	30.2#
71	34.1	28.4	42.6

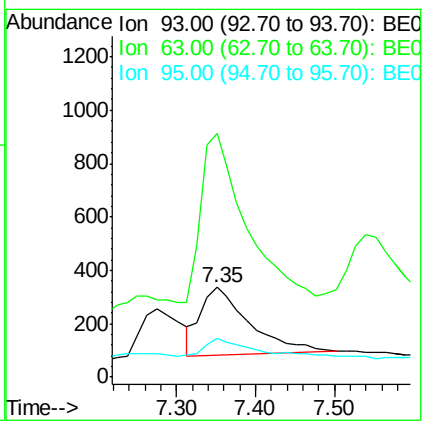


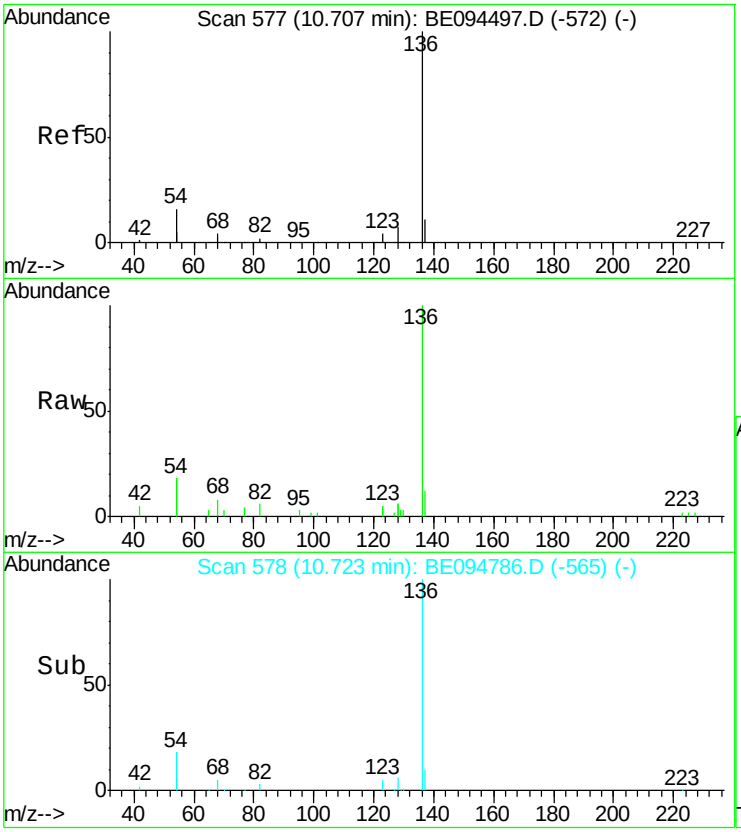


#6
bis(2-Chloroethyl)ether
Concen: 0.26 ng
RT: 7.35 min Scan# 357
Delta R.T. 0.01 min
Lab File: BE094786.D
Acq: 8 Nov 2017 17:09

Tgt Ion: 93 Resp: 1090

Ion	Ratio	Lower	Upper
93	100		
63	244.1	275.3	412.9#
95	26.8	25.2	37.8



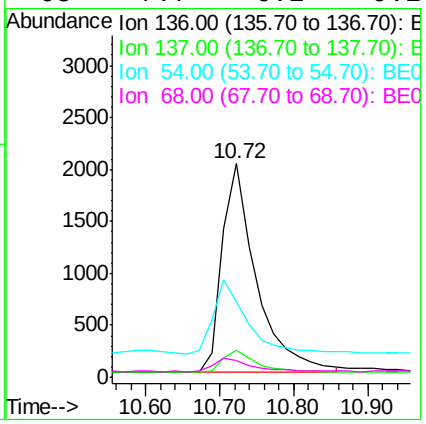


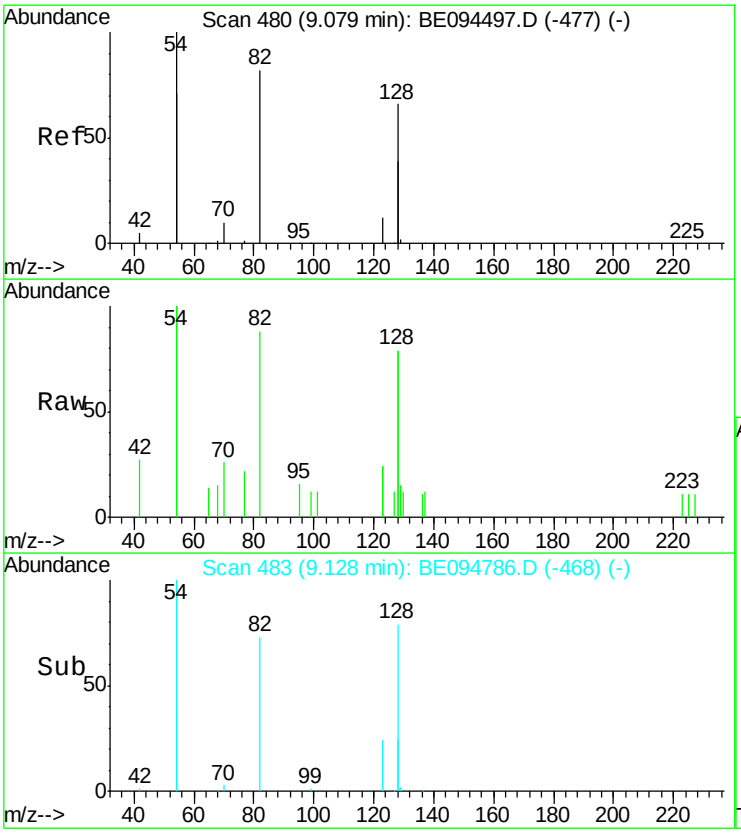
#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.72 min Scan# 578
Delta R.T. 0.02 min
Lab File: BE094786.D
Acq: 8 Nov 2017 17:09

Instrument :
BNA_E
ClientSampleId :
PB103996BS

Tgt Ion:136 Resp: 6474

Ion	Ratio	Lower	Upper
136	100		
137	12.4	9.5	14.3
54	35.1	29.1	43.7
68	7.7	6.2	9.2

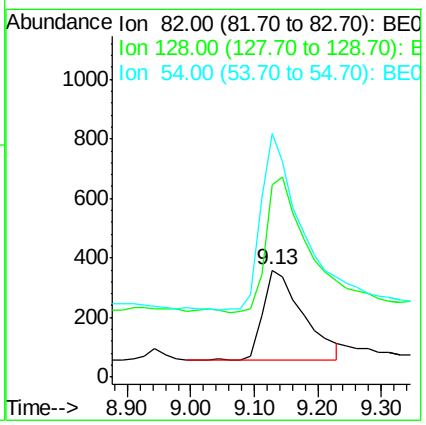


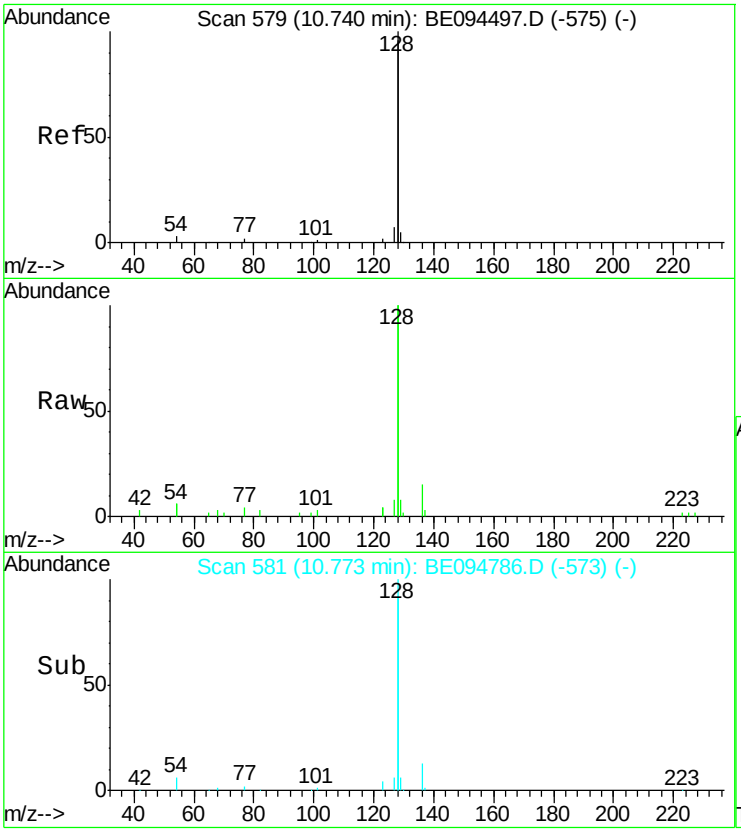


#8
Nitrobenzene-d5
Concen: 0.26 ng
RT: 9.13 min Scan# 483
Delta R.T. 0.05 min
Lab File: BE094786.D
Acq: 8 Nov 2017 17:09

Tgt Ion: 82 Resp: 1342

Ion	Ratio	Lower	Upper
82	100		
128	180.4	150.0	225.0
54	228.5	154.2	231.4



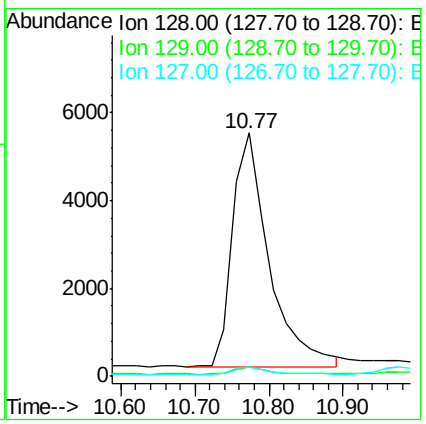


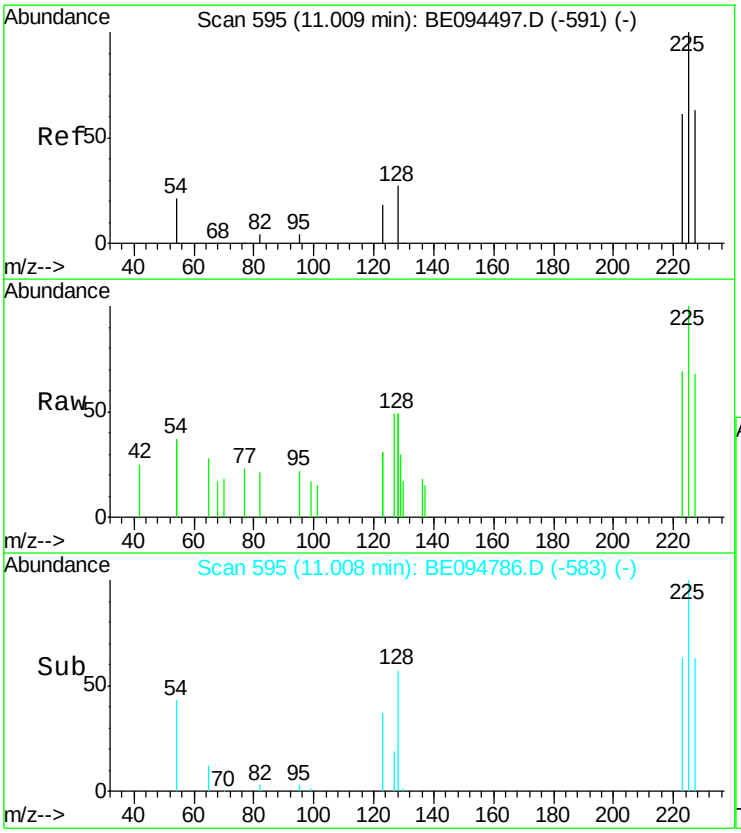
#9
Naphthalene
Concen: 0.25 ng
RT: 10.77 min Scan# 581
Delta R.T. 0.03 min
Lab File: BE094786.D
Acq: 8 Nov 2017 17:09

Instrument :
BNA_E
ClientSampleId :
PB103996BS

Tgt Ion:128 Resp: 18032

Ion	Ratio	Lower	Upper
128	100		
129	3.8	2.6	3.8
127	4.0	2.8	4.2

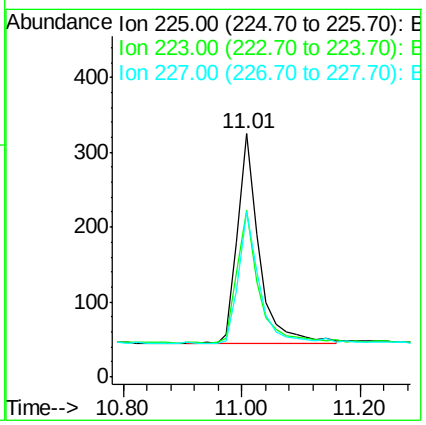


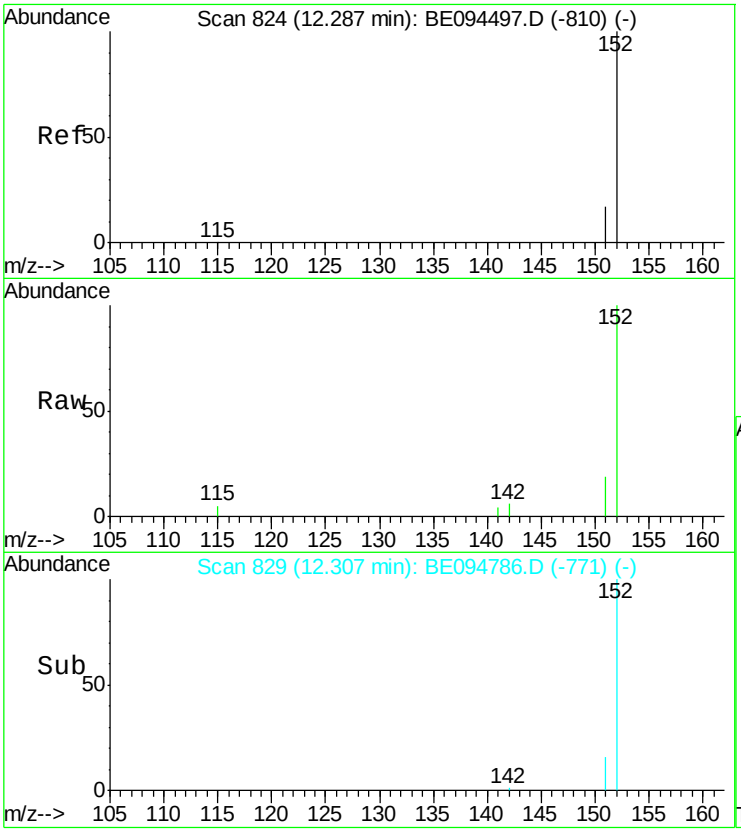


#10
Hexachlorobutadiene
Concen: 0.27 ng
RT: 11.01 min Scan# 595
Delta R.T. -0.00 min
Lab File: BE094786.D
Acq: 8 Nov 2017 17:09

Tgt Ion:225 Resp: 708

Ion	Ratio	Lower	Upper
225	100		
223	62.0	53.0	79.6
227	61.3	51.4	77.2



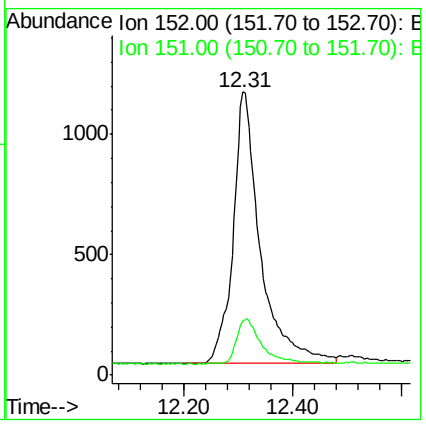


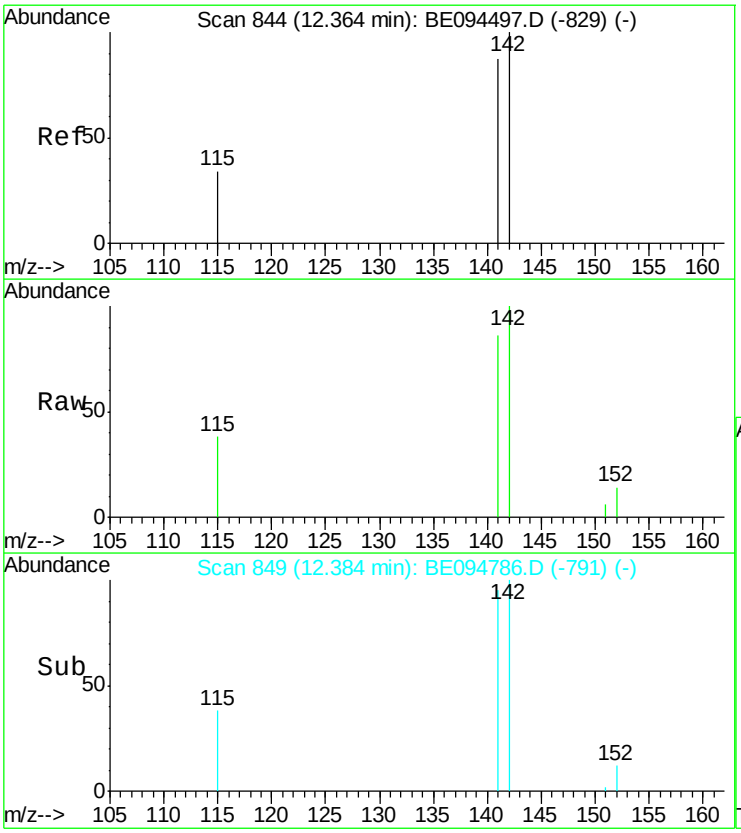
#11
2-Methylnaphthalene-d10
Concen: 0.38 ng
RT: 12.31 min Scan# 829
Delta R.T. 0.02 min
Lab File: BE094786.D
Acq: 8 Nov 2017 17:09

Instrument :
BNA_E
ClientSampleId :
PB103996BS

Tgt Ion:152 Resp: 3924

Ion	Ratio	Lower	Upper
152	100		
151	14.9	15.4	23.0#

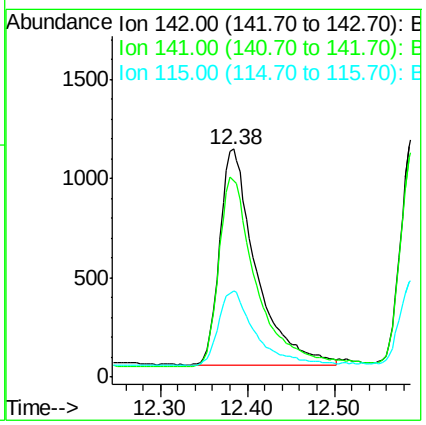


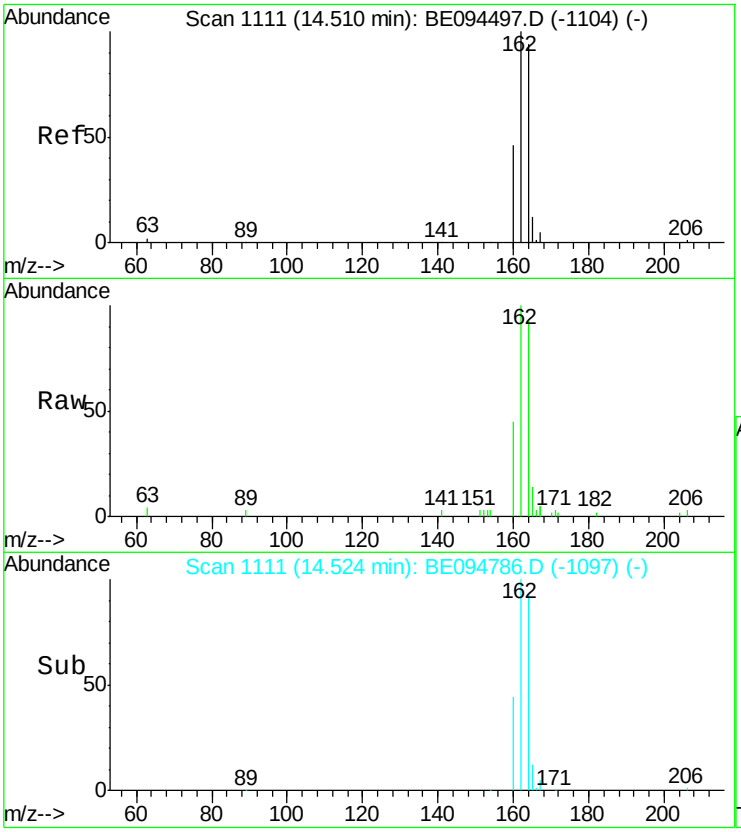


#12
2-Methylnaphthalene
Concen: 0.26 ng
RT: 12.38 min Scan# 849
Delta R.T. 0.02 min
Lab File: BE094786.D
Acq: 8 Nov 2017 17:09

Tgt Ion:142 Resp: 3182

Ion	Ratio	Lower	Upper
142	100		
141	86.3	70.4	105.6
115	37.6	31.7	47.5



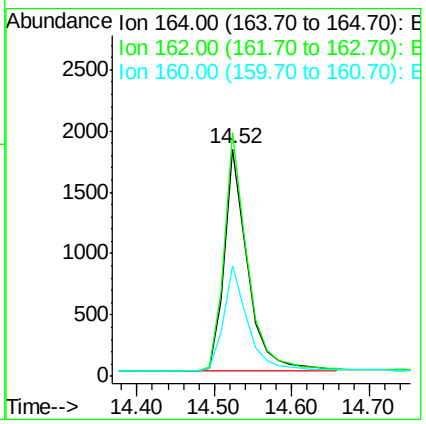


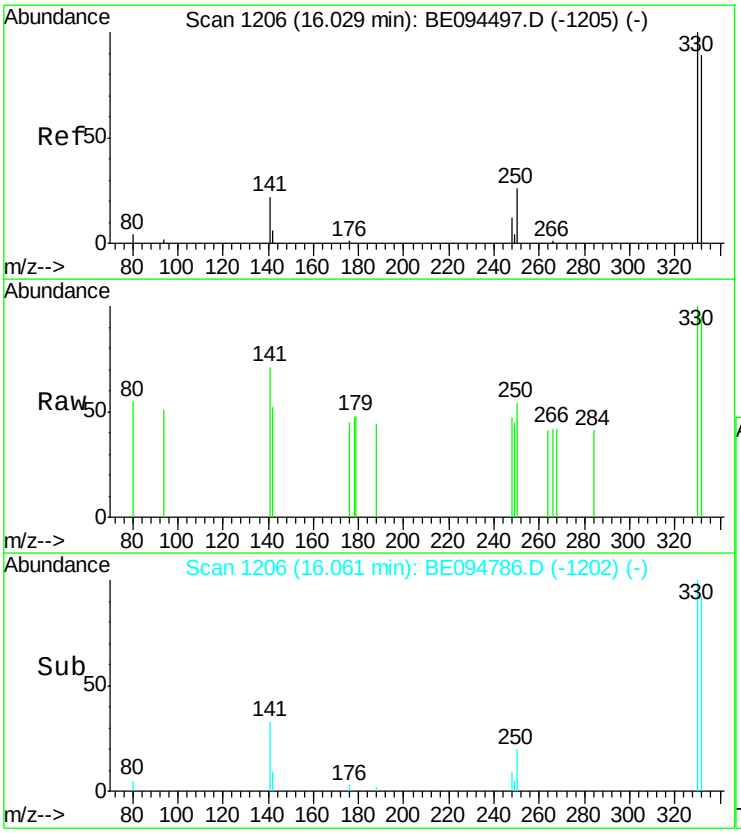
#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.52 min Scan# 1111
Delta R.T. 0.01 min
Lab File: BE094786.D
Acq: 8 Nov 2017 17:09

Instrument :
BNA_E
ClientSampleId :
PB103996BS

Tgt Ion:164 Resp: 3751

Ion	Ratio	Lower	Upper
164	100		
162	107.2	83.1	124.7
160	48.6	37.1	55.7

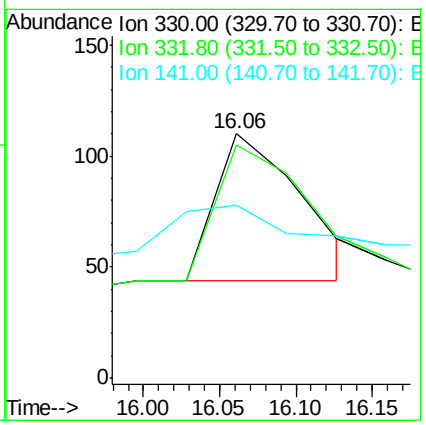


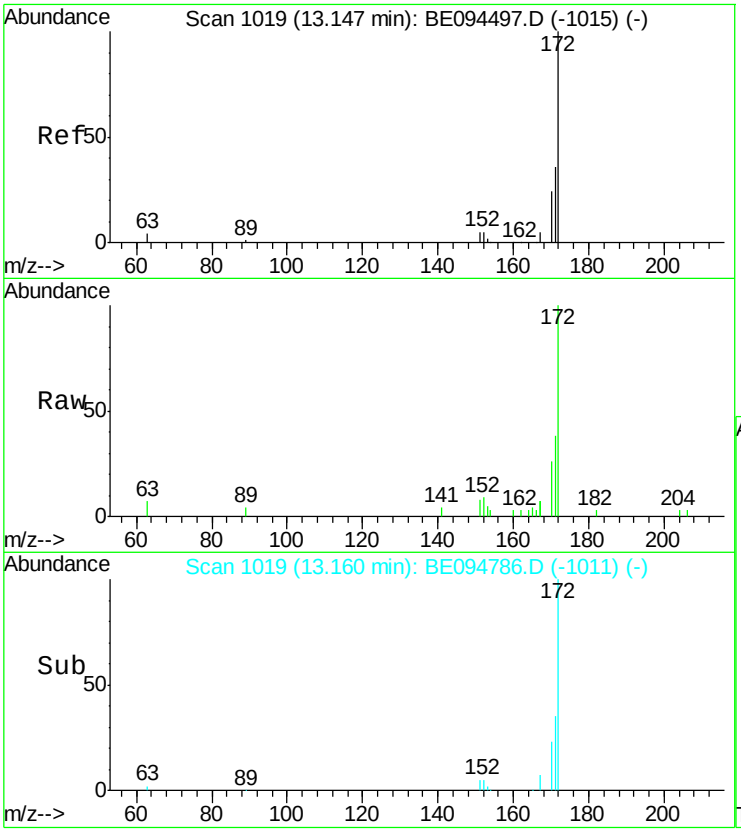


#14
2,4,6-Tribromophenol
Concen: 0.25 ng
RT: 16.06 min Scan# 1206
Delta R.T. 0.03 min
Lab File: BE094786.D
Acq: 8 Nov 2017 17:09

Tgt Ion:330 Resp: 258

Ion	Ratio	Lower	Upper
330	100		
332	97.7	152.7	229.1#
141	41.1	33.7	50.5



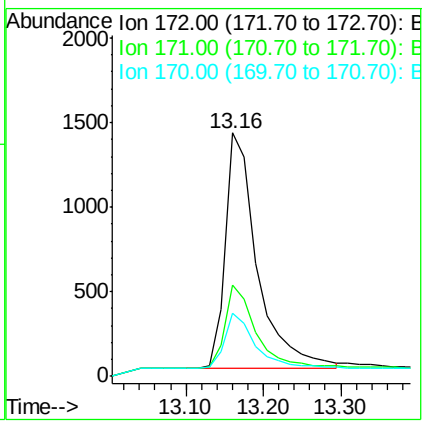


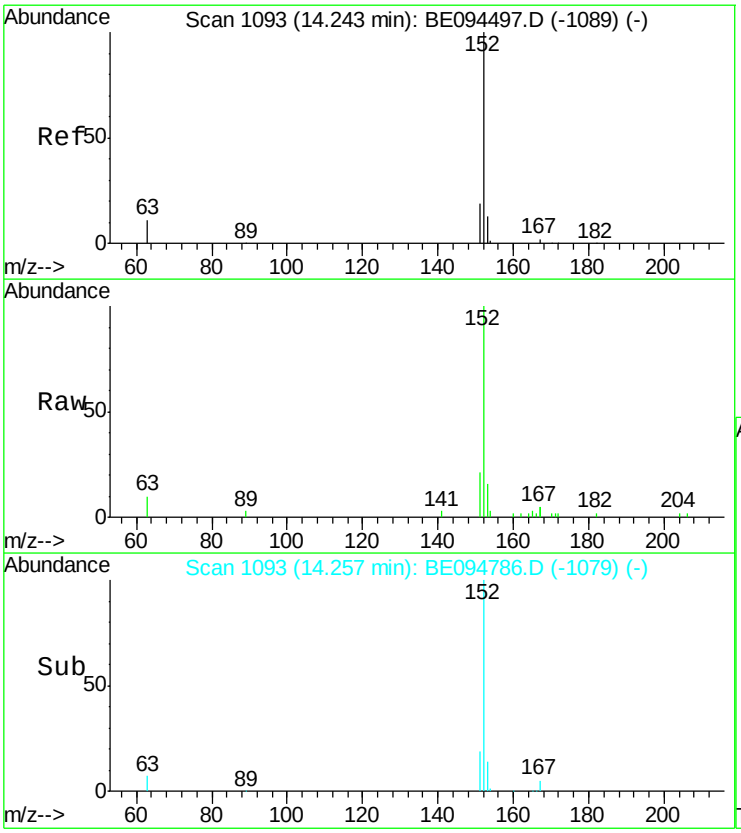
#15
2-Fluorobiphenyl
Concen: 0.30 ng
RT: 13.16 min Scan# 1019
Delta R.T. 0.01 min
Lab File: BE094786.D
Acq: 8 Nov 2017 17:09

Instrument :
BNA_E
ClientSampleId :
PB103996BS

Tgt Ion:172 Resp: 4015

Ion	Ratio	Lower	Upper
172	100		
171	37.7	29.9	44.9
170	25.8	21.8	32.8

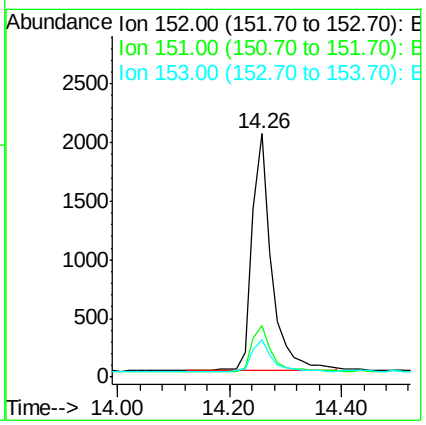


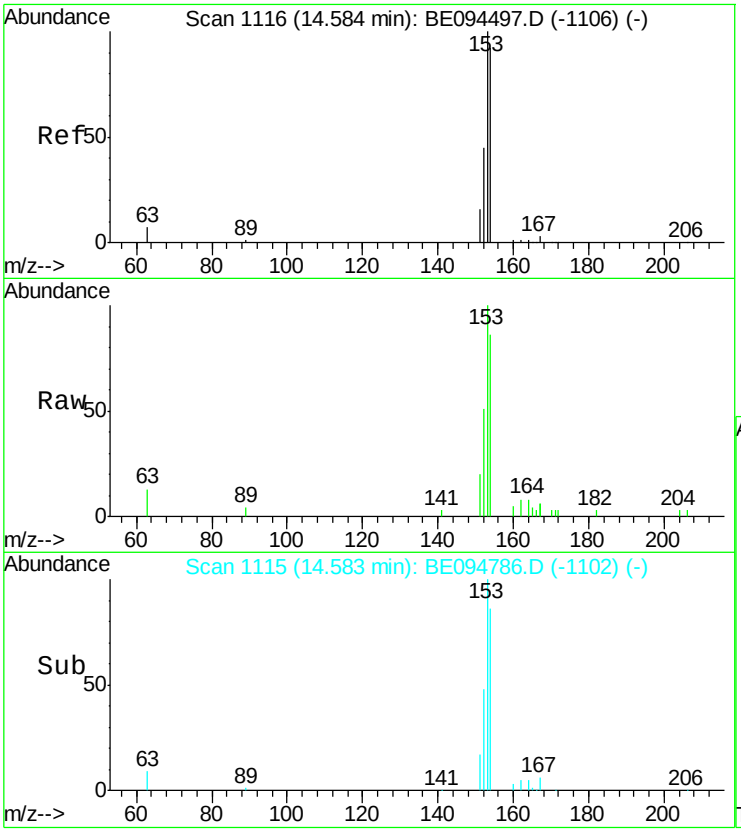


#16
Acenaphthylene
Concen: 0.25 ng
RT: 14.26 min Scan# 1093
Delta R.T. 0.01 min
Lab File: BE094786.D
Acq: 8 Nov 2017 17:09

Tgt Ion:152 Resp: 4981

Ion	Ratio	Lower	Upper
152	100		
151	19.6	15.7	23.5
153	13.5	10.5	15.7



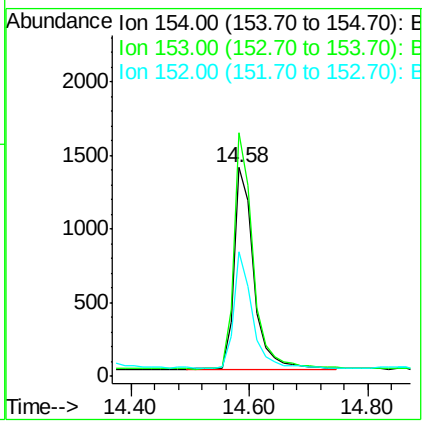


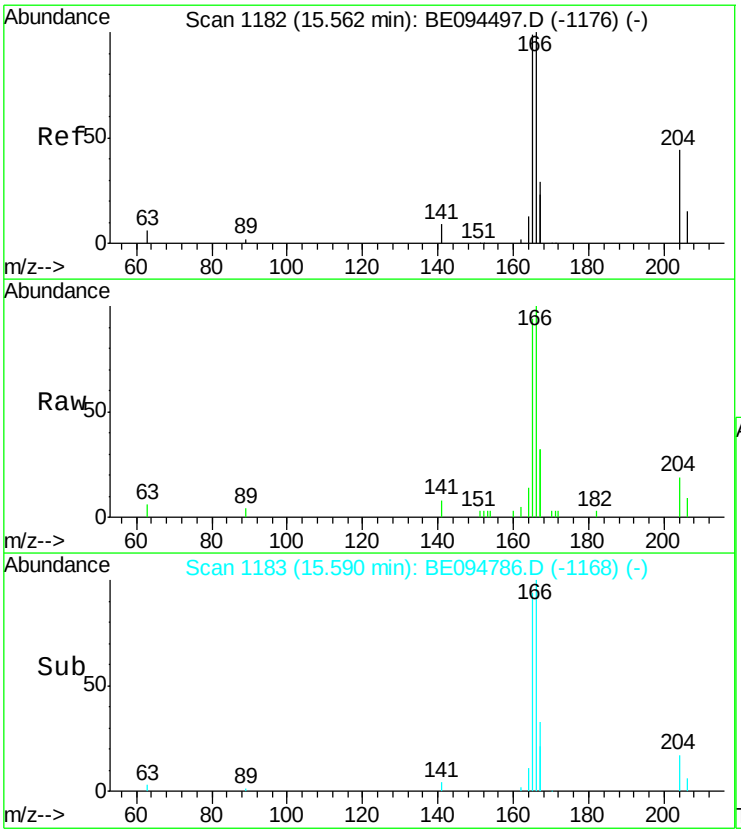
#17
Acenaphthene
Concen: 0.25 ng
RT: 14.58 min Scan# 1115
Delta R.T. -0.00 min
Lab File: BE094786.D
Acq: 8 Nov 2017 17:09

Instrument :
BNA_E
ClientSampleId :
PB103996BS

Tgt Ion:154 Resp: 3204

Ion	Ratio	Lower	Upper
154	100		
153	113.4	89.2	133.8
152	53.7	42.0	63.0

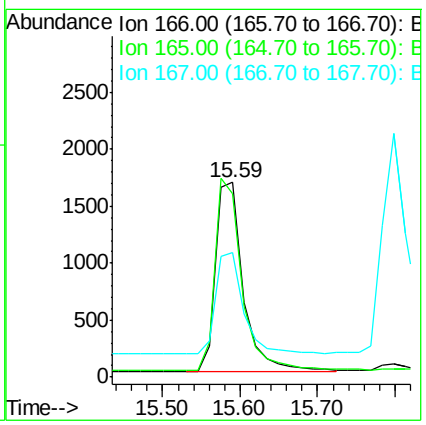


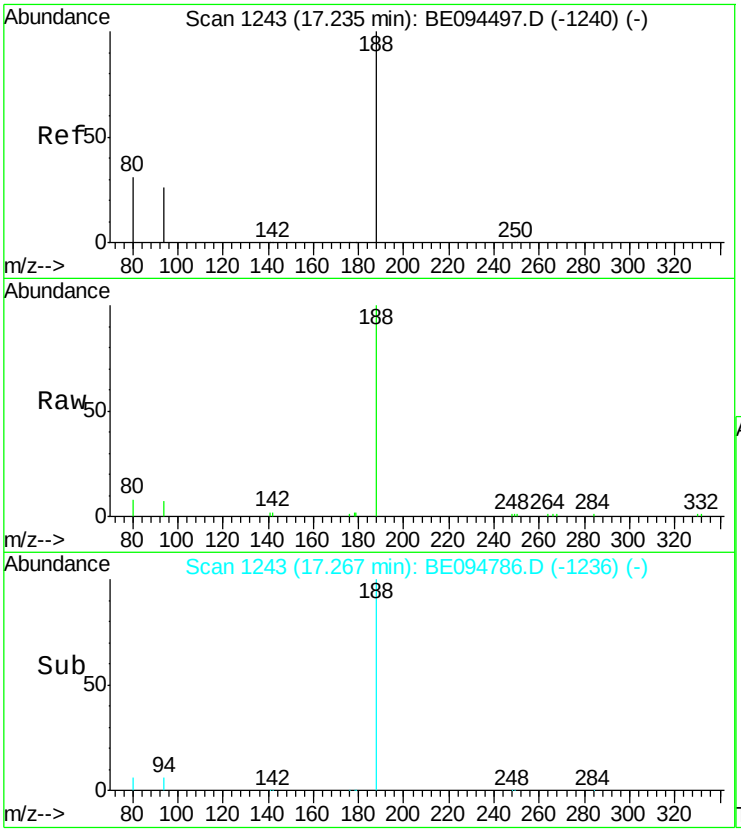


#18
Fluorene
Concen: 0.25 ng
RT: 15.59 min Scan# 1183
Delta R.T. 0.03 min
Lab File: BE094786.D
Acq: 8 Nov 2017 17:09

Tgt Ion:166 Resp: 4124

Ion	Ratio	Lower	Upper
166	100		
165	99.0	77.8	116.6
167	53.7	42.4	63.6



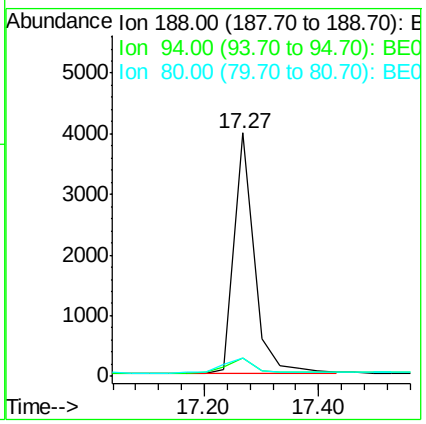


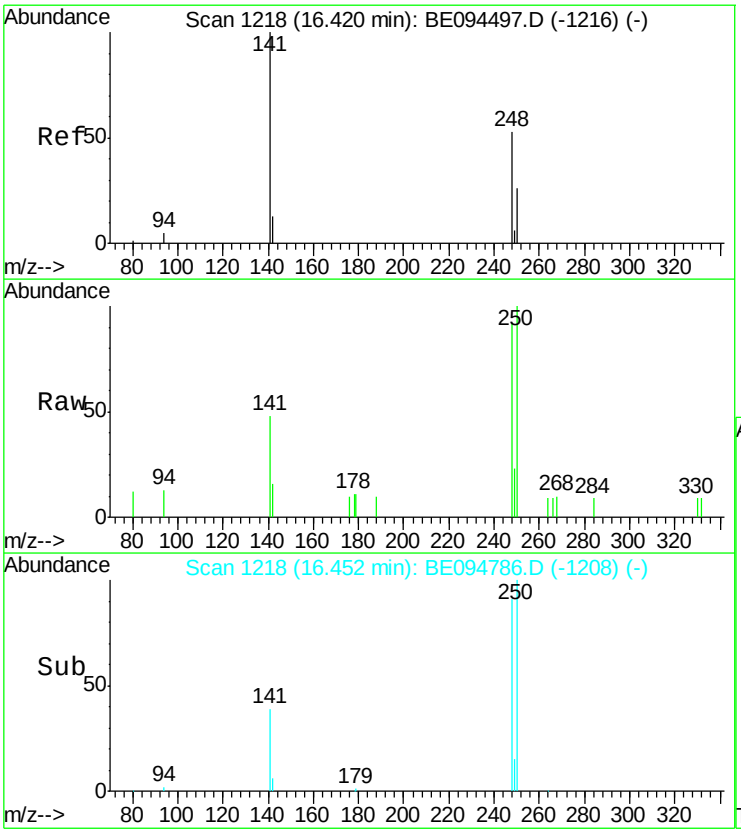
#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.27 min Scan# 1243
Delta R.T. 0.03 min
Lab File: BE094786.D
Acq: 8 Nov 2017 17:09

Instrument :
BNA_E
ClientSampleId :
PB103996BS

Tgt Ion:188 Resp: 9542

Ion	Ratio	Lower	Upper
188	100		
94	7.5	3.9	5.9#
80	7.7	3.6	5.4#

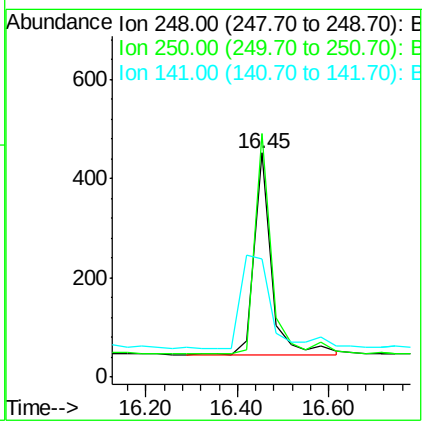


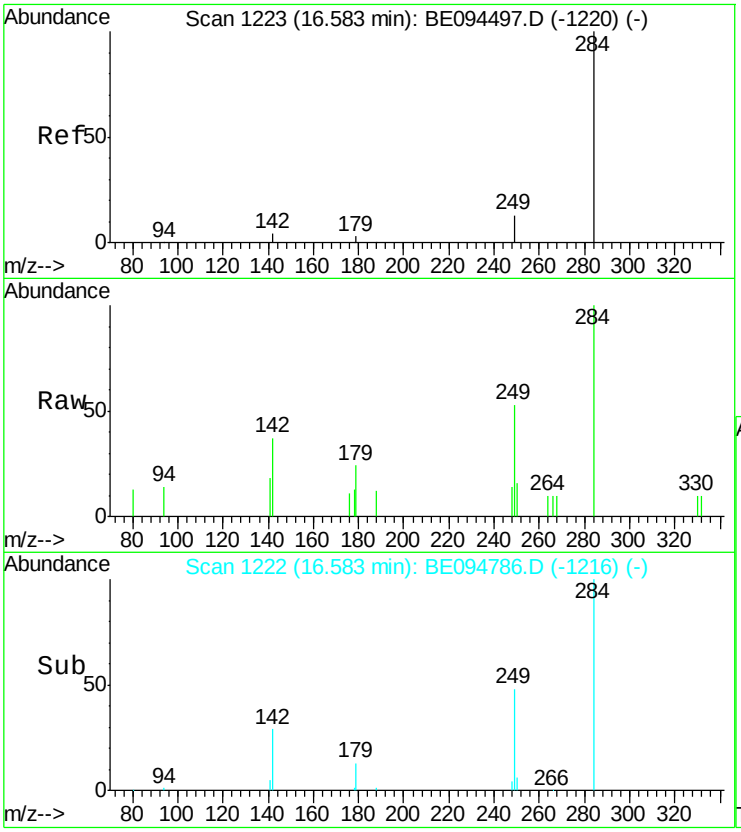


#20
4-Bromophenyl-phenylether
Concen: 0.21 ng
RT: 16.45 min Scan# 1218
Delta R.T. 0.03 min
Lab File: BE094786.D
Acq: 8 Nov 2017 17:09

Tgt Ion:248 Resp: 1074

Ion	Ratio	Lower	Upper
248	100		
250	108.6	62.7	94.1#
141	52.4	48.2	72.2



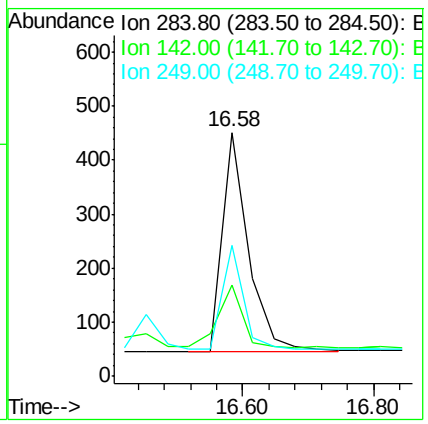


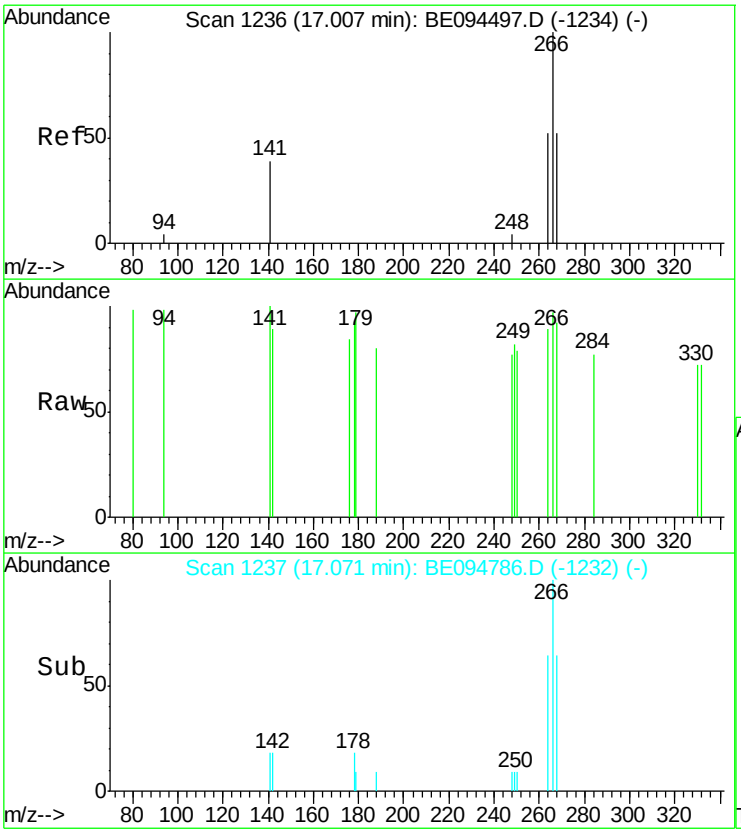
#21
Hexachlorobenzene
Concen: 0.25 ng
RT: 16.58 min Scan# 1222
Delta R.T. -0.00 min
Lab File: BE094786.D
Acq: 8 Nov 2017 17:09

Instrument :
BNA_E
ClientSampleId :
PB103996BS

Tgt Ion:284 Resp: 1126

Ion	Ratio	Lower	Upper
284	100		
142	28.0	22.1	33.1
249	37.8	34.8	52.2

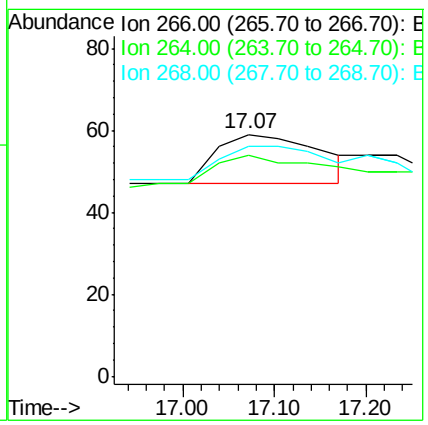


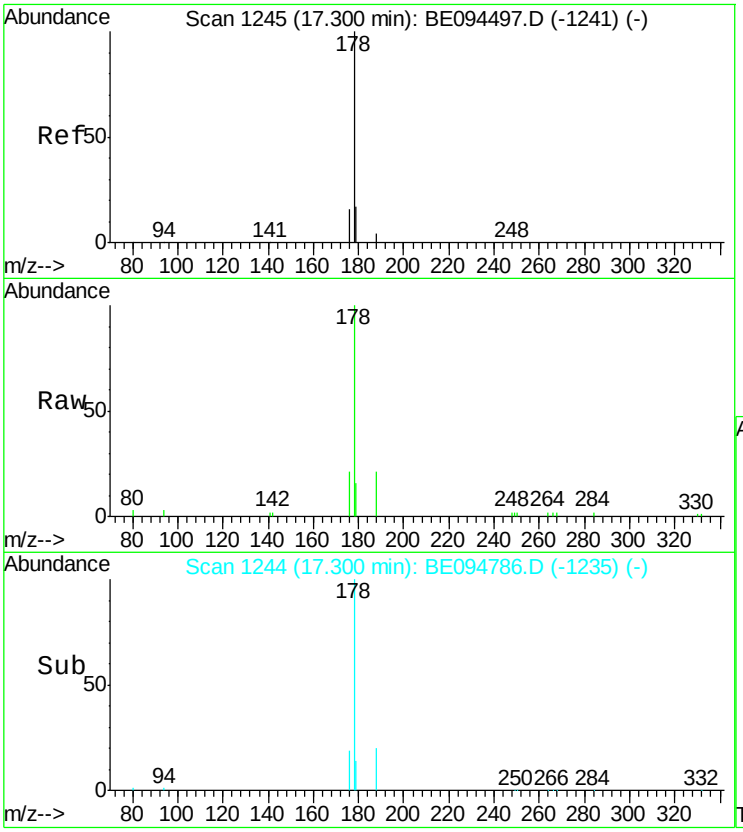


#22
Pentachlorophenol
Concen: 0.16 ng
RT: 17.07 min Scan# 1237
Delta R.T. 0.06 min
Lab File: BE094786.D
Acq: 8 Nov 2017 17:09

Tgt Ion:266 Resp: 94

Ion	Ratio	Lower	Upper
266	100		
264	91.5	72.5	108.7
268	94.9	73.8	110.6



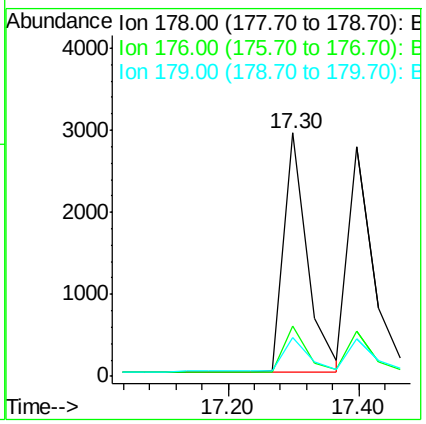


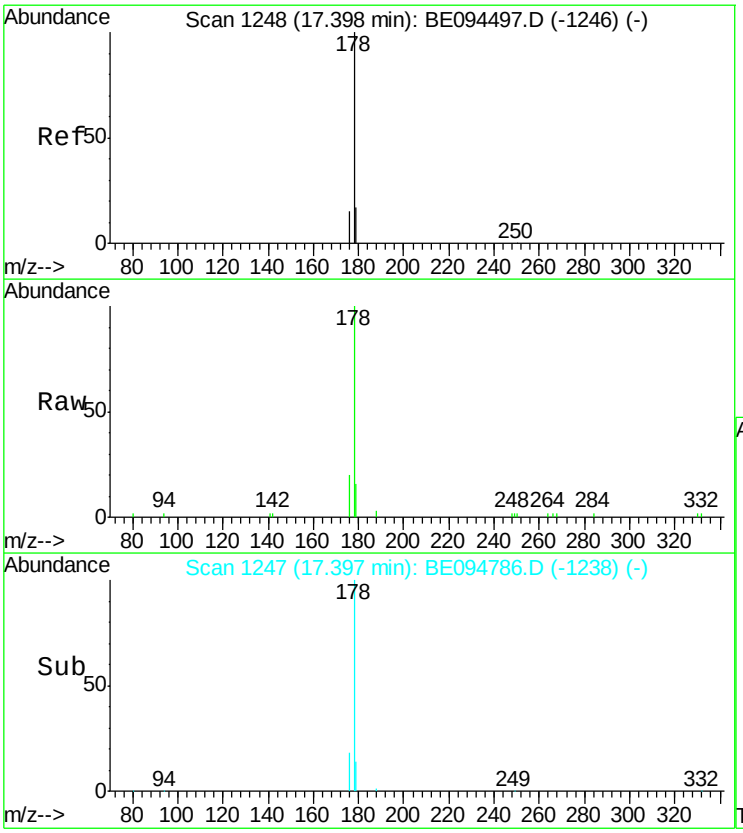
#23
Phenanthrene
Concen: 0.27 ng
RT: 17.30 min Scan# 1244
Delta R.T. -0.00 min
Lab File: BE094786.D
Acq: 8 Nov 2017 17:09

Instrument :
BNA_E
ClientSampleId :
PB103996BS

Tgt Ion:178 Resp: 7262

Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.1	22.7
179	15.1	11.8	17.6

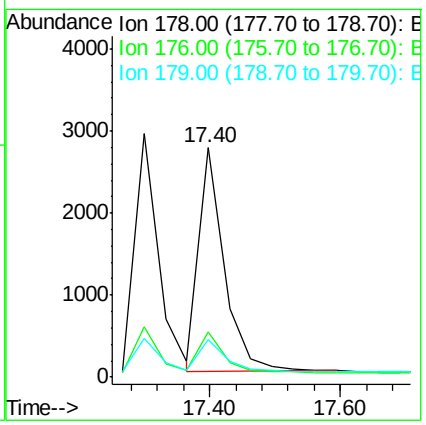


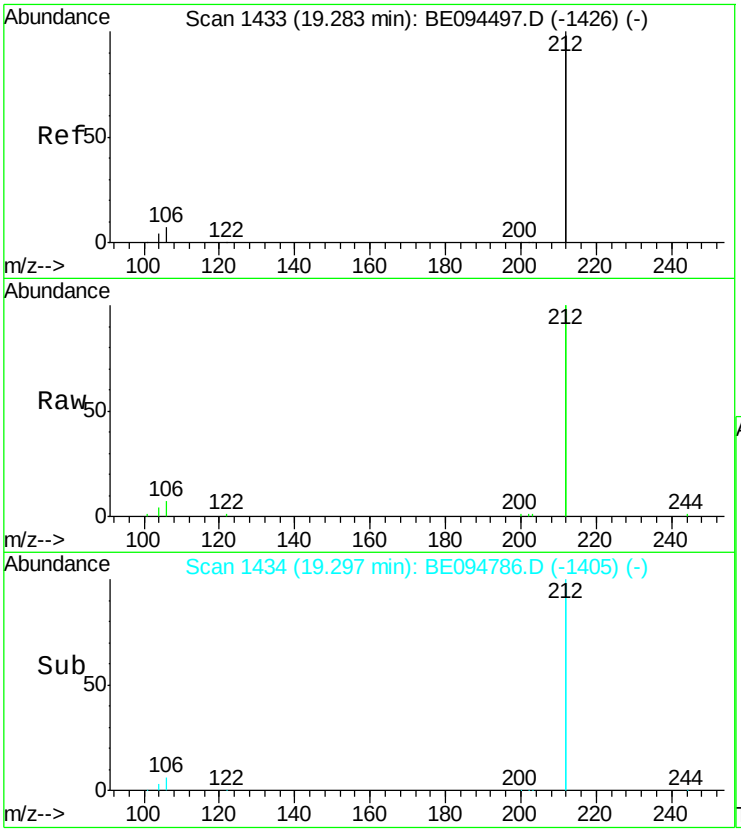


#24
Anthracene
Concen: 0.26 ng
RT: 17.40 min Scan# 1247
Delta R.T. -0.00 min
Lab File: BE094786.D
Acq: 8 Nov 2017 17:09

Tgt Ion:178 Resp: 7322

Ion	Ratio	Lower	Upper
178	100		
176	17.8	12.8	19.2
179	15.4	13.0	19.6



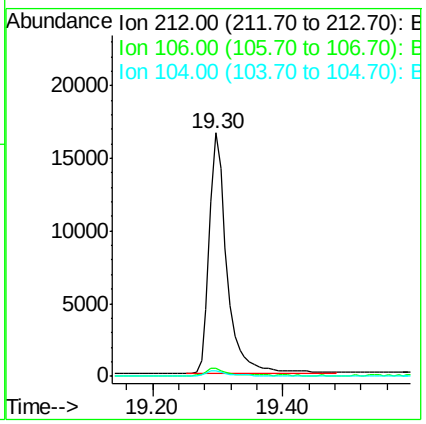


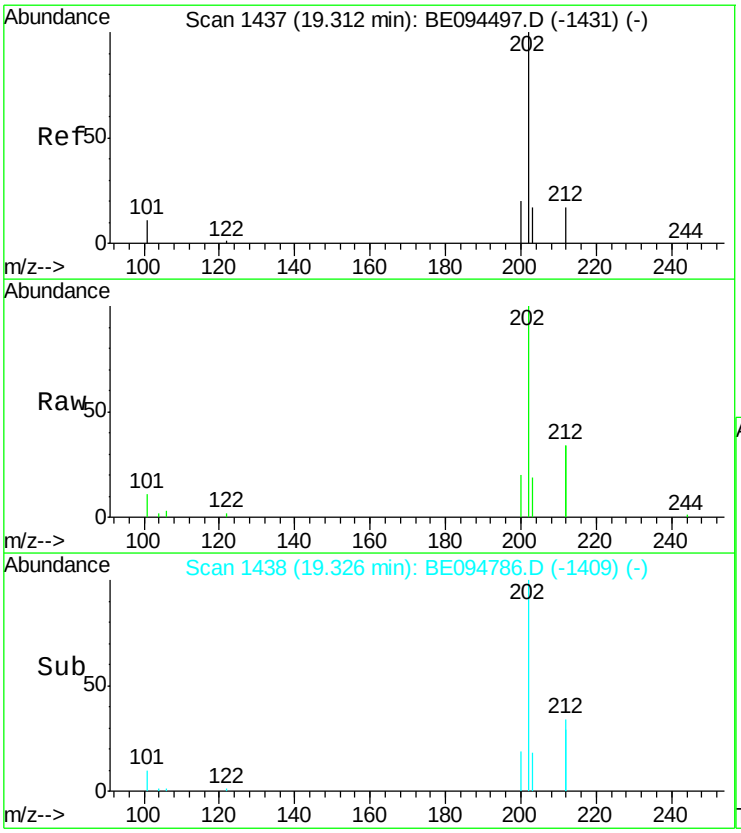
#25
Fluoranthene-d10
Concen: 0.23 ng
RT: 19.30 min Scan# 1434
Delta R.T. 0.01 min
Lab File: BE094786.D
Acq: 8 Nov 2017 17:09

Instrument : BNA_E
ClientSampleId : PB103996BS

Tgt Ion:212 Resp: 31093

Ion	Ratio	Lower	Upper
212	100		
106	3.2	2.8	4.2
104	1.8	1.6	2.4

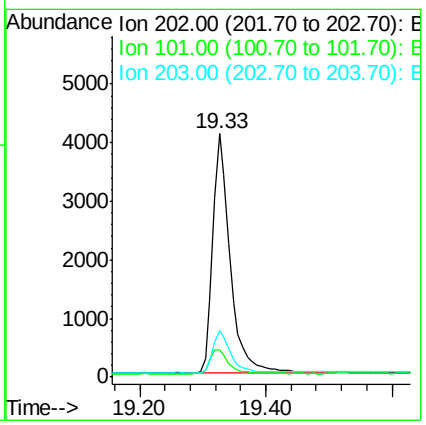


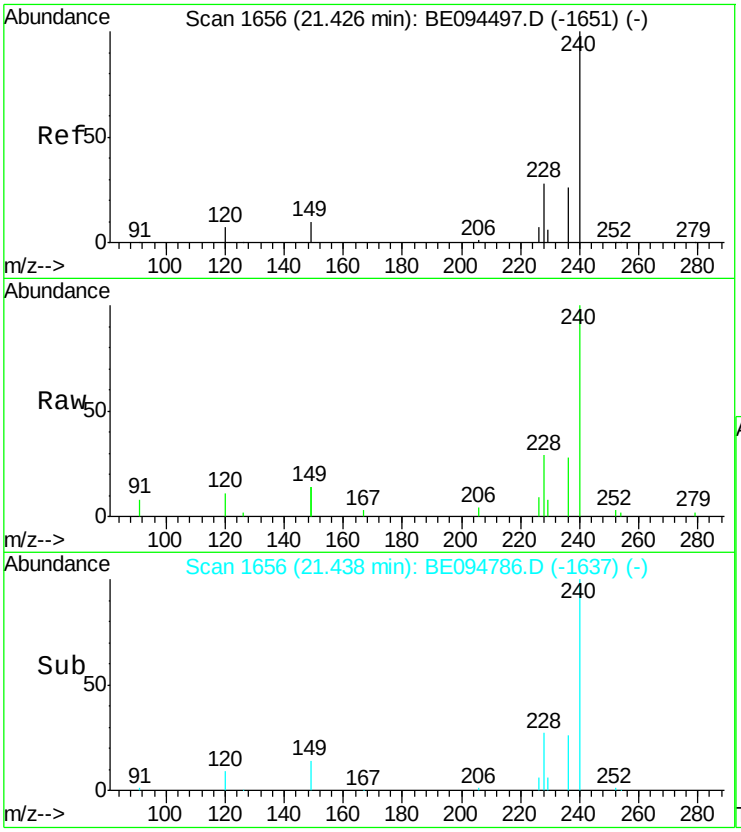


#26
Fluoranthene
Concen: 0.18 ng
RT: 19.33 min Scan# 1438
Delta R.T. 0.01 min
Lab File: BE094786.D
Acq: 8 Nov 2017 17:09

Tgt Ion:202 Resp: 7917

Ion	Ratio	Lower	Upper
202	100		
101	10.9	9.8	14.8
203	17.1	13.7	20.5



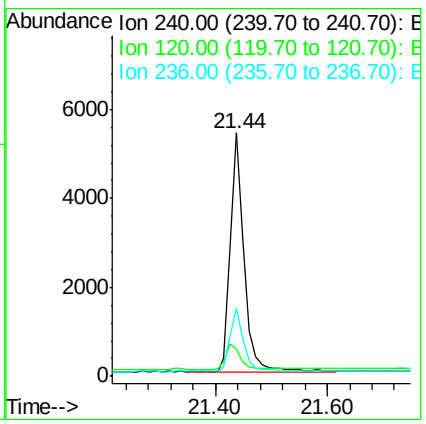


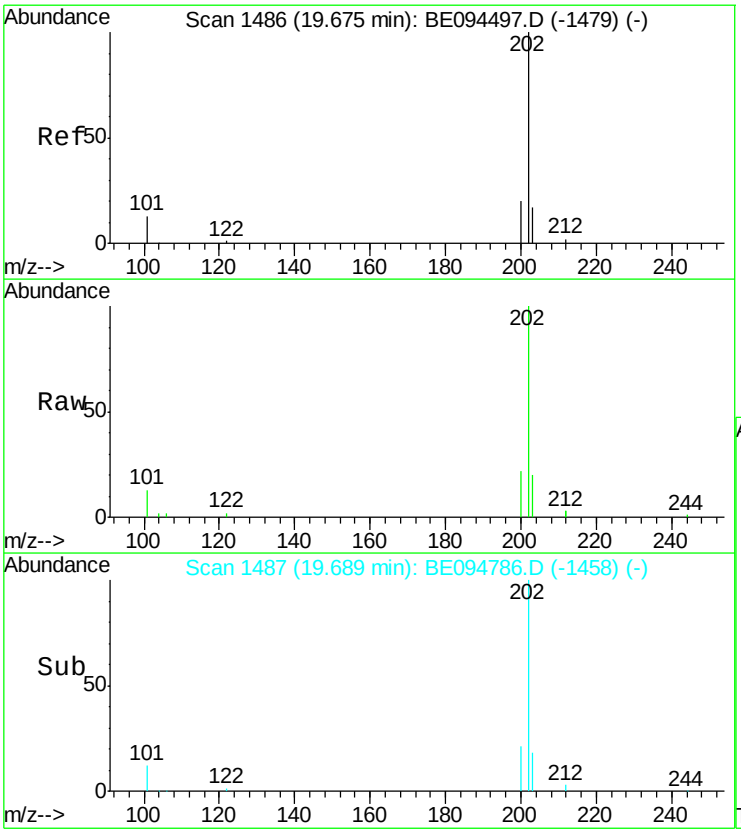
#27
Chrysene-d12
Concen: 0.40 ng
RT: 21.44 min Scan# 1656
Delta R.T. 0.01 min
Lab File: BE094786.D
Acq: 8 Nov 2017 17:09

Instrument :
BNA_E
ClientSampleId :
PB103996BS

Tgt Ion:240 Resp: 8937

Ion	Ratio	Lower	Upper
240	100		
120	11.4	5.5	8.3#
236	27.9	20.7	31.1

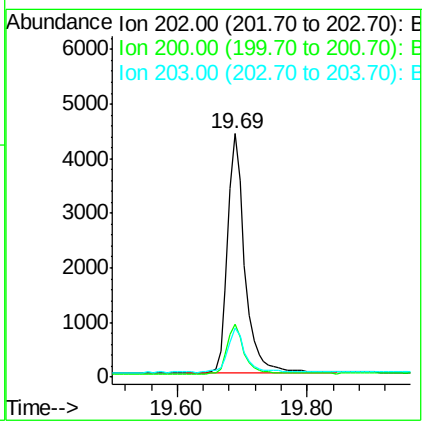


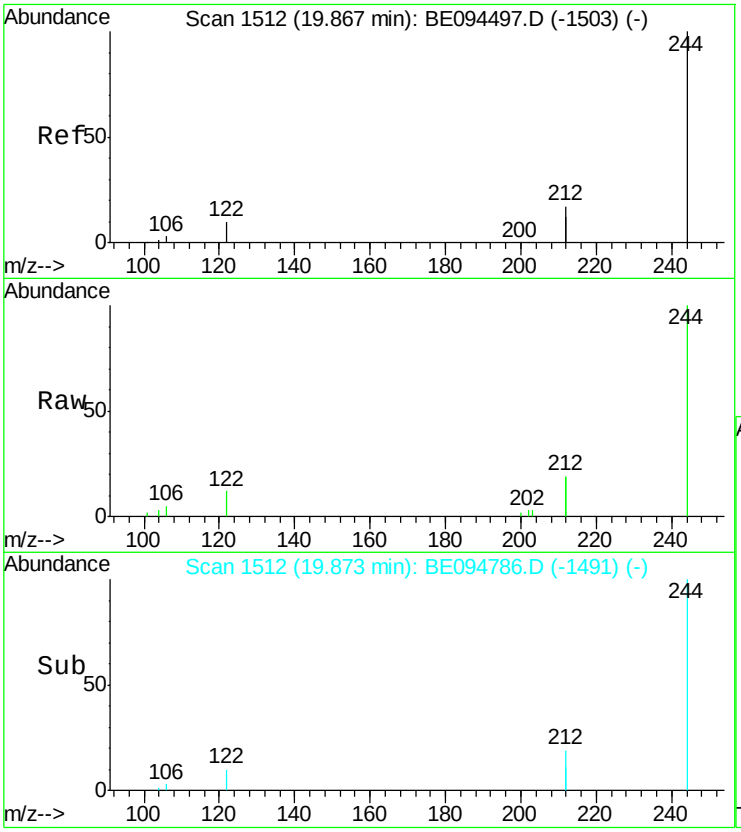


#28
Pyrene
Concen: 0.26 ng
RT: 19.69 min Scan# 1487
Delta R.T. 0.01 min
Lab File: BE094786.D
Acq: 8 Nov 2017 17:09

Tgt Ion:202 Resp: 8051

Ion	Ratio	Lower	Upper
202	100		
200	20.6	16.6	25.0
203	18.7	13.8	20.8



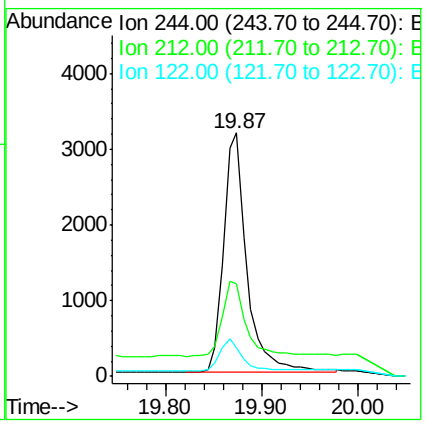


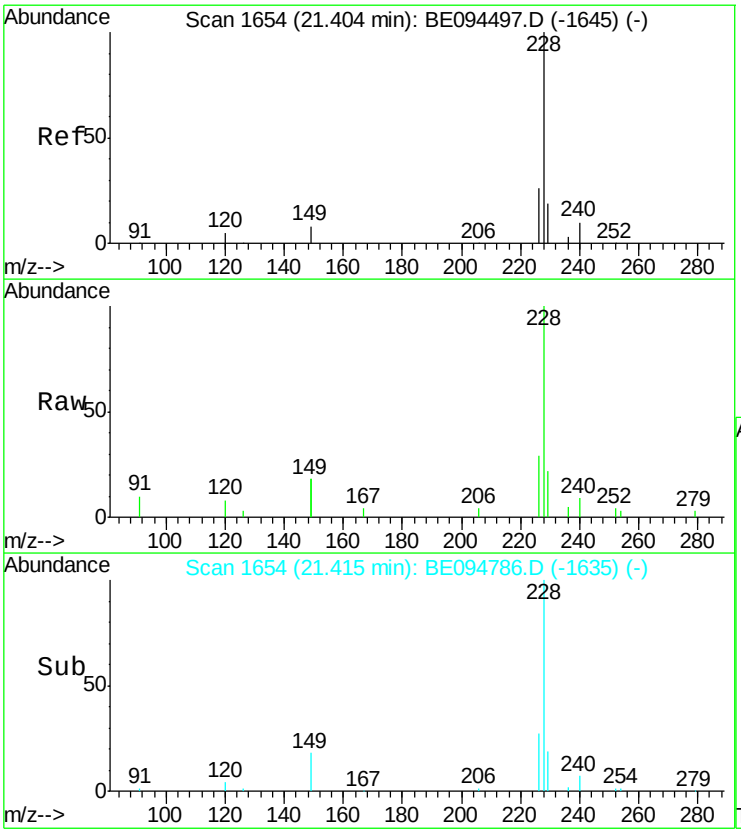
#29
Terphenyl-d14
Concen: 0.31 ng
RT: 19.87 min Scan# 1512
Delta R.T. 0.01 min
Lab File: BE094786.D
Acq: 8 Nov 2017 17:09

Instrument :
BNA_E
ClientSampleId :
PB103996BS

Tgt Ion:244 Resp: 5277

Ion	Ratio	Lower	Upper
244	100		
212	37.8	25.4	38.0
122	11.9	8.1	12.1

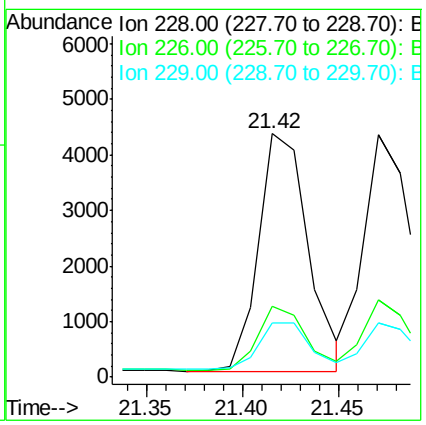


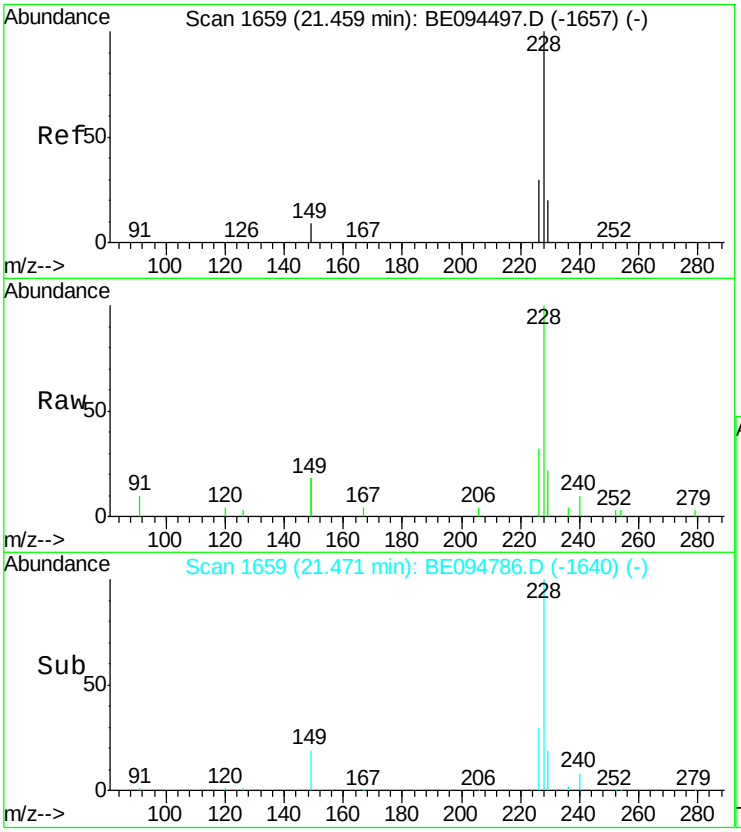


#30
Benzo(a)anthracene
Concen: 0.26 ng
RT: 21.42 min Scan# 1654
Delta R.T. 0.01 min
Lab File: BE094786.D
Acq: 8 Nov 2017 17:09

Tgt Ion:228 Resp: 7672

Ion	Ratio	Lower	Upper
228	100		
226	28.8	40.0	60.0#
229	22.2	40.0	60.0#



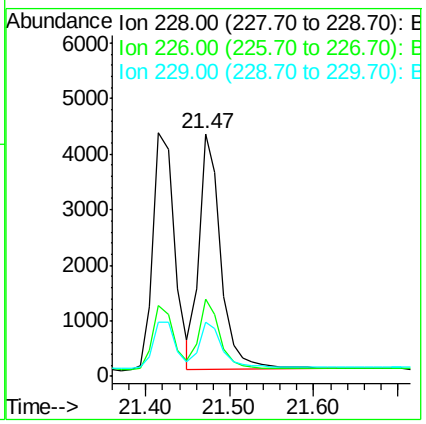


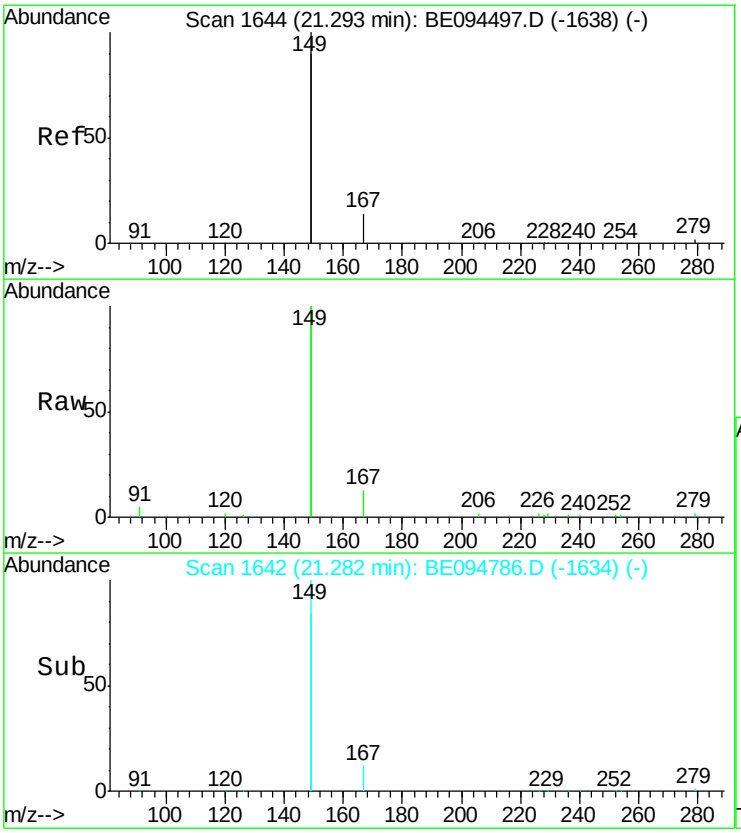
#31
Chrysene
Concen: 0.26 ng
RT: 21.47 min Scan# 1659
Delta R.T. 0.01 min
Lab File: BE094786.D
Acq: 8 Nov 2017 17:09

Instrument :
BNA_E
ClientSampleId :
PB103996BS

Tgt Ion:228 Resp: 7739

Ion	Ratio	Lower	Upper
228	100		
226	31.9	40.0	60.0#
229	22.3	40.0	60.0#

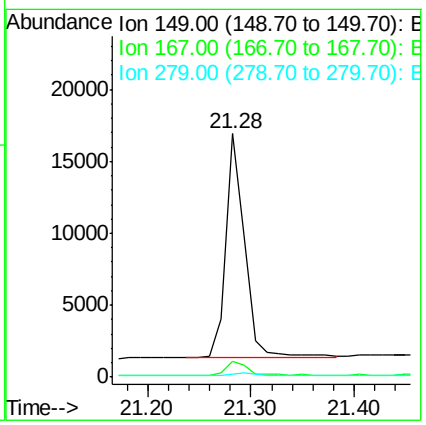


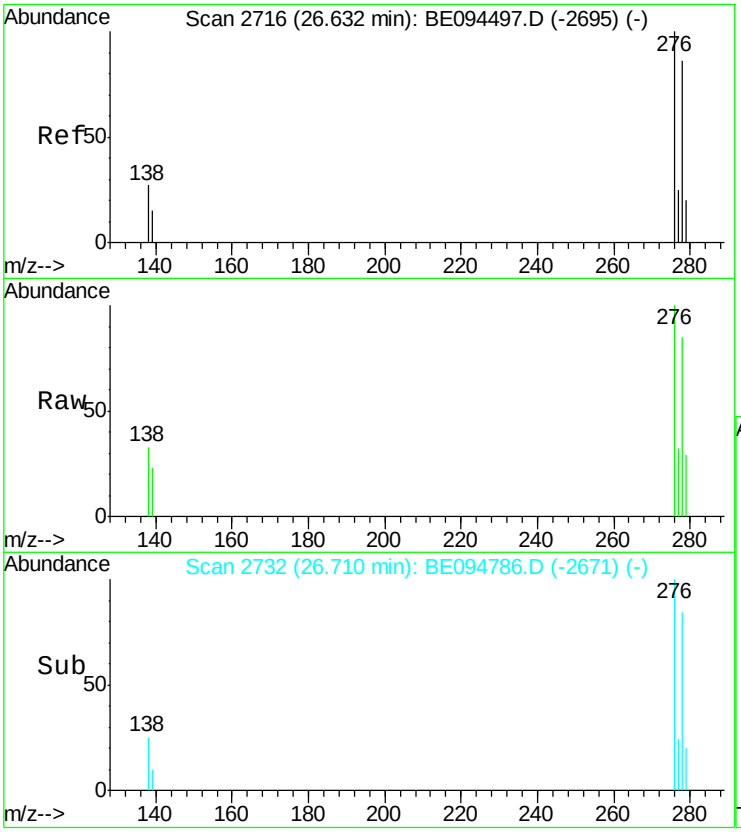


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.28 ng
RT: 21.28 min Scan# 1642
Delta R.T. -0.01 min
Lab File: BE094786.D
Acq: 8 Nov 2017 17:09

Tgt Ion:149 Resp: 19647

Ion	Ratio	Lower	Upper
149	100		
167	7.0	5.4	8.0
279	1.0	0.7	1.1



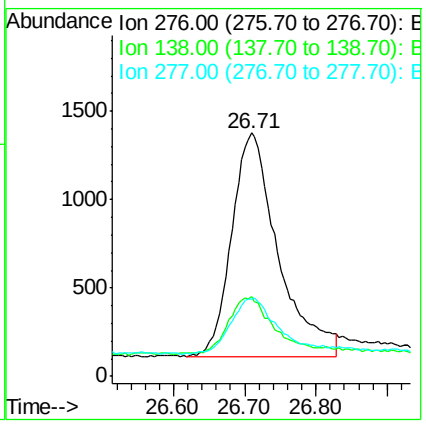


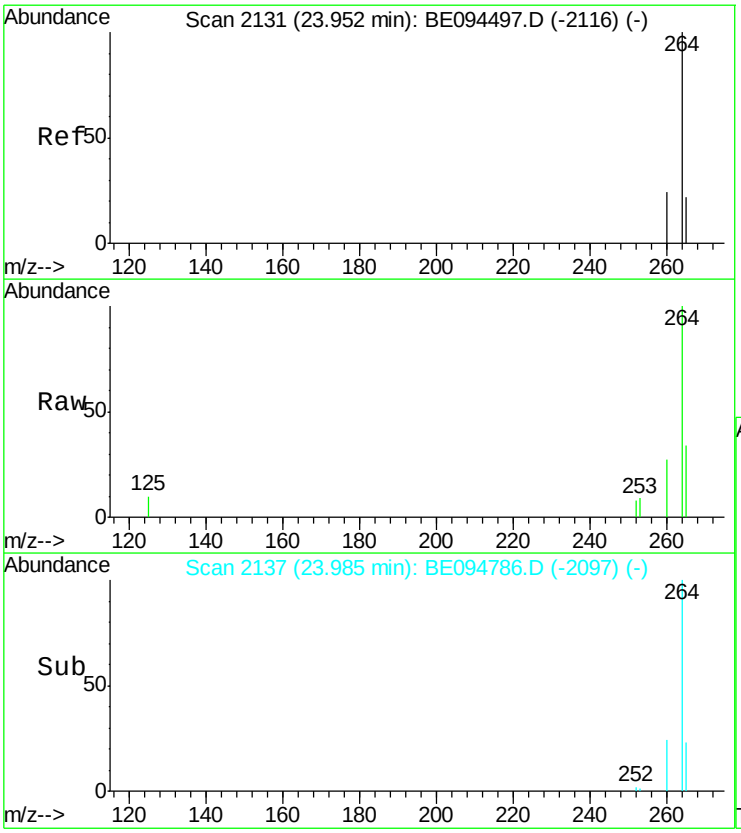
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.21 ng
RT: 26.71 min Scan# 2732
Delta R.T. 0.08 min
Lab File: BE094786.D
Acq: 8 Nov 2017 17:09

Instrument :
BNA_E
ClientSampleId :
PB103996BS

Tgt Ion:276 Resp: 5727

Ion	Ratio	Lower	Upper
276	100		
138	24.4	22.5	33.7
277	25.7	19.9	29.9

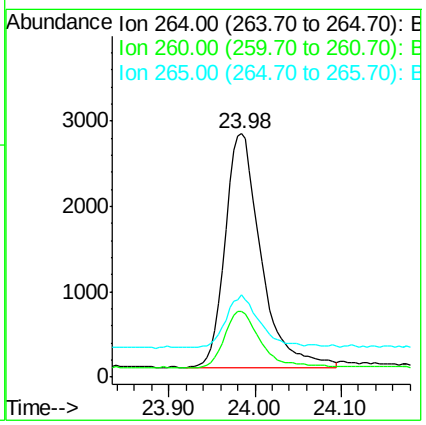


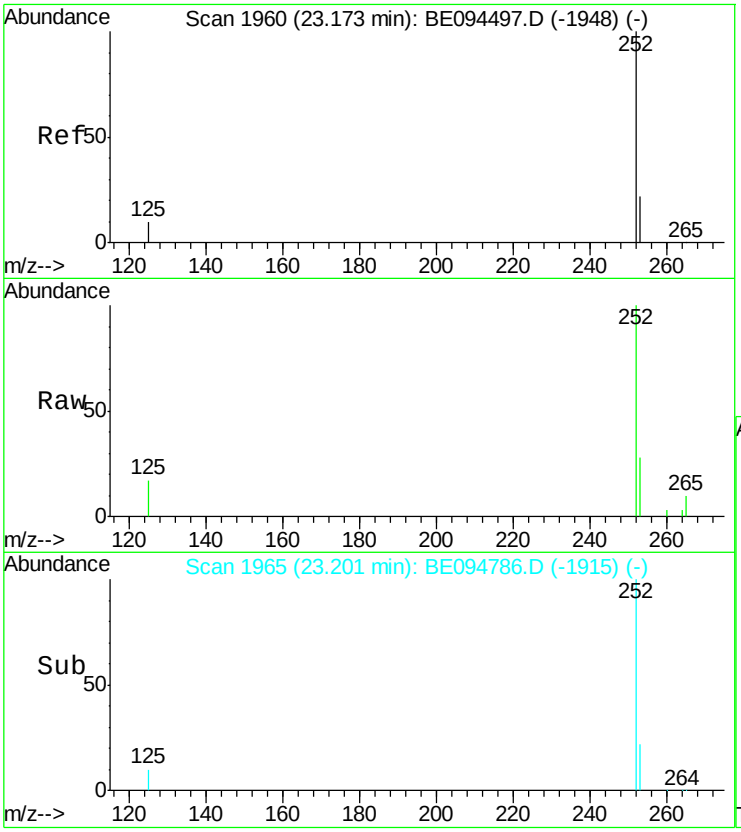


#34
Perylene-d12
Concen: 0.40 ng
RT: 23.98 min Scan# 2137
Delta R.T. 0.03 min
Lab File: BE094786.D
Acq: 8 Nov 2017 17:09

Tgt Ion:264 Resp: 7941

Ion	Ratio	Lower	Upper
264	100		
260	26.9	20.5	30.7
265	33.6	22.8	34.2



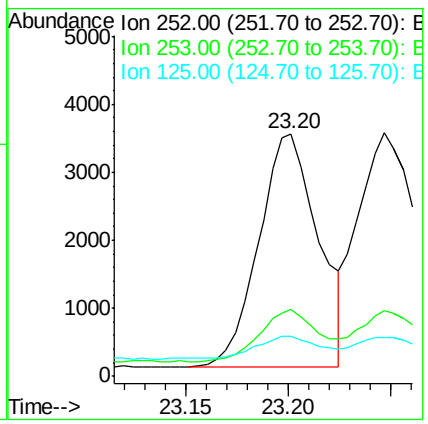


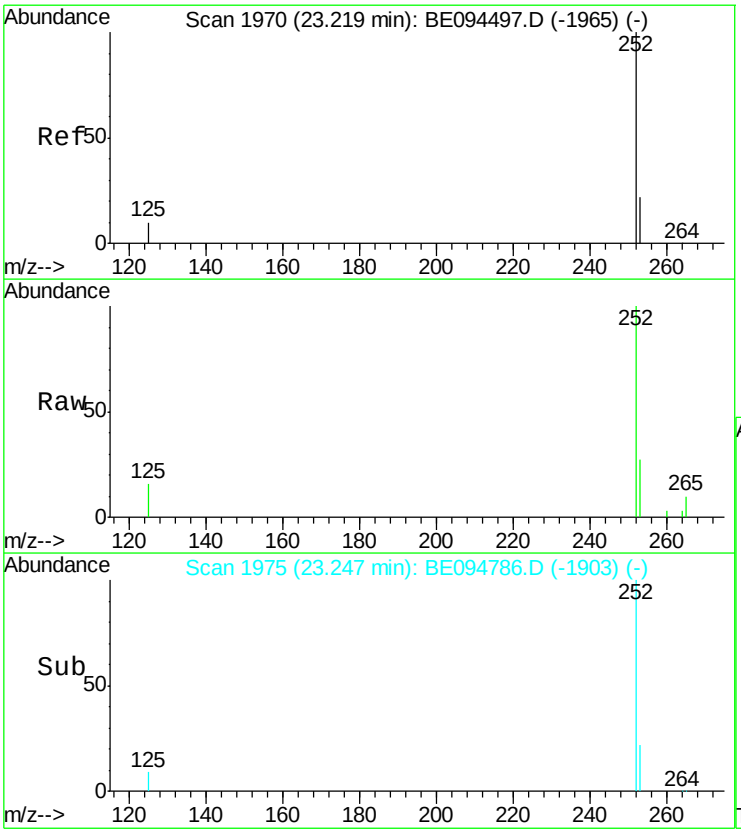
#35
Benzo(b)fluoranthene
Concen: 0.27 ng
RT: 23.20 min Scan# 1965
Delta R.T. 0.03 min
Lab File: BE094786.D
Acq: 8 Nov 2017 17:09

Instrument :
BNA_E
ClientSampleId :
PB103996BS

Tgt Ion:252 Resp: 6916

Ion	Ratio	Lower	Upper
252	100		
253	27.7	48.0	72.0#
125	16.7	56.0	84.0#

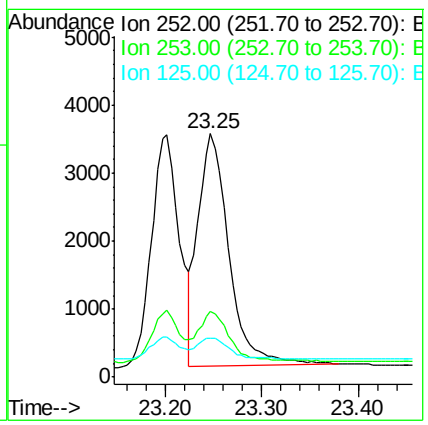


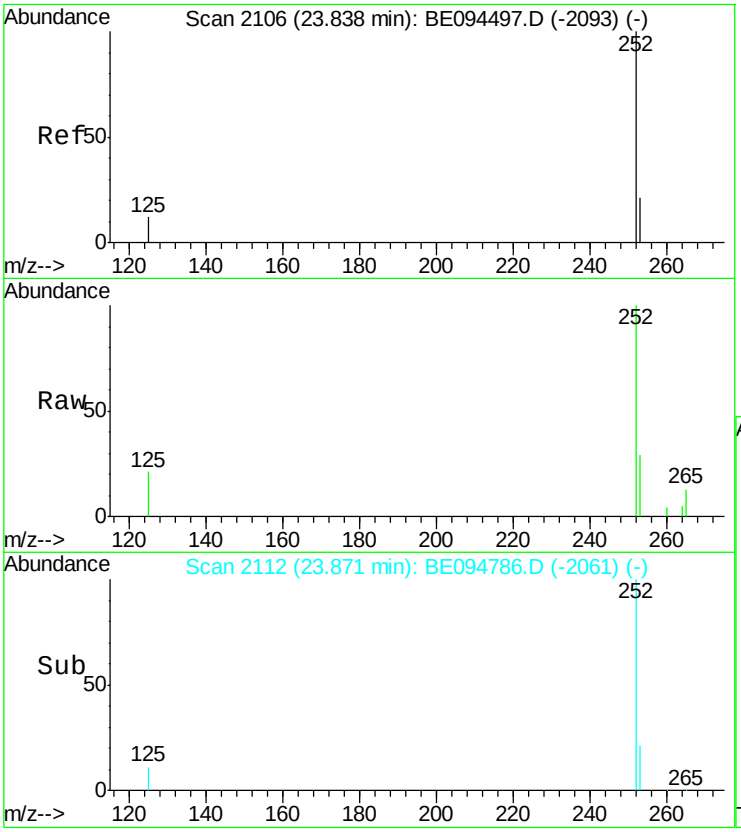


#36
Benzo(k)fluoranthene
Concen: 0.28 ng
RT: 23.25 min Scan# 1975
Delta R.T. 0.03 min
Lab File: BE094786.D
Acq: 8 Nov 2017 17:09

Tgt Ion:252 Resp: 7661

Ion	Ratio	Lower	Upper
252	100		
253	27.1	48.0	72.0#
125	16.0	56.0	84.0#



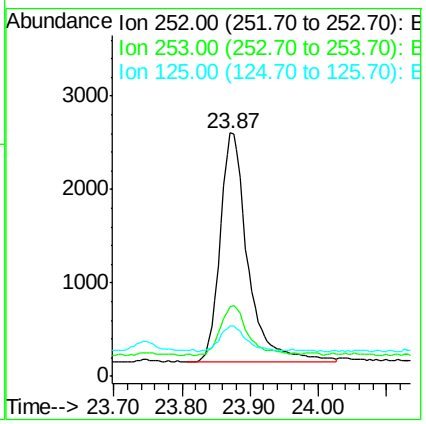


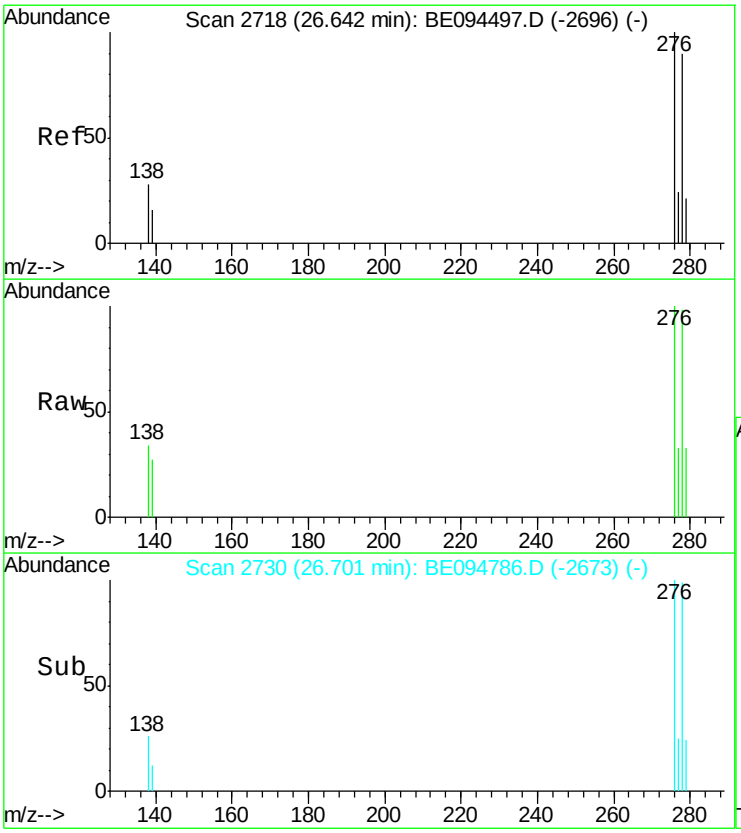
#37
Benzo(a)pyrene
Concen: 0.28 ng
RT: 23.87 min Scan# 2112
Delta R.T. 0.03 min
Lab File: BE094786.D
Acq: 8 Nov 2017 17:09

Instrument :
BNA_E
ClientSampleId :
PB103996BS

Tgt Ion:252 Resp: 6963

Ion	Ratio	Lower	Upper
252	100		
253	28.7	52.0	78.0#
125	20.5	68.0	102.0#

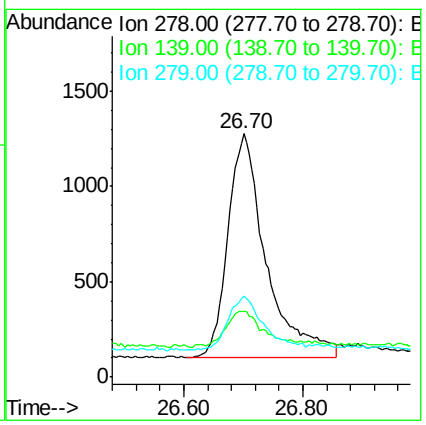


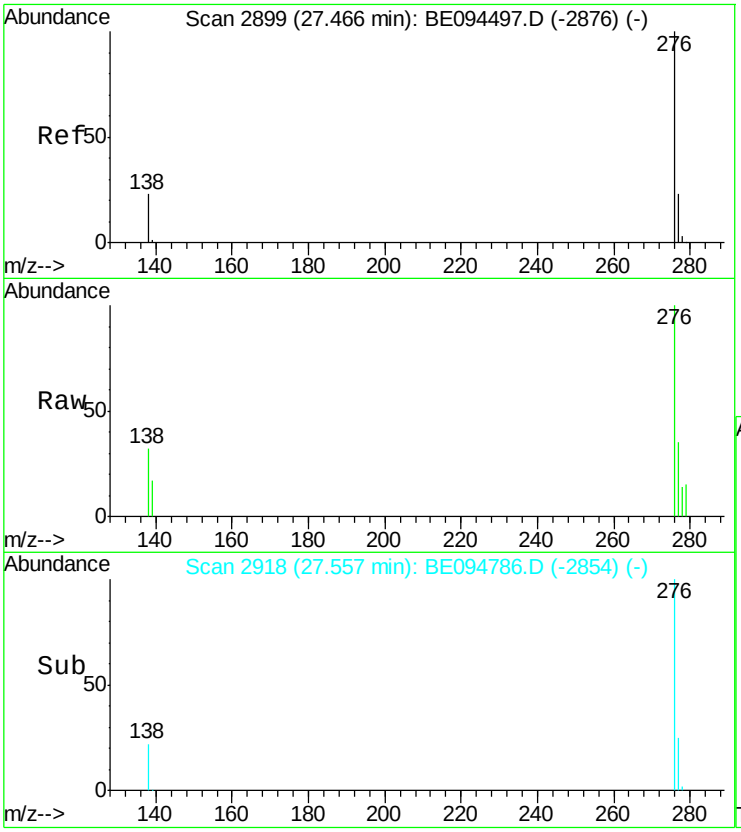


#38
Dibenzo(a,h)anthracene
Concen: 0.24 ng
RT: 26.70 min Scan# 2730
Delta R.T. 0.06 min
Lab File: BE094786.D
Acq: 8 Nov 2017 17:09

Tgt Ion:278 Resp: 5265

Ion	Ratio	Lower	Upper
278	100		
139	27.0	56.0	84.0#
279	33.3	52.0	78.0#





#39
Benzo(g,h,i)perylene
Concen: 0.20 ng
RT: 27.56 min Scan# 2918
Delta R.T. 0.09 min
Lab File: BE094786.D
Acq: 8 Nov 2017 17:09

Instrument :
BNA_E
ClientSampleId :
PB103996BS

Tgt Ion:276 Resp: 4237

Ion	Ratio	Lower	Upper
276	100		
277	35.3	52.0	78.0#
138	31.9	44.0	66.0#