Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE103017\
Data File : BE094653.D
Acq On : 30 Oct 2017 21:14
Operator : SJ/JU
Sample : I6040-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId :

Quant Time: Oct 31 01:17:06 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	2474	0.40	ng	0.00
7) Naphthalene-d8	10.61	136	78274	0.40	ng	-0.10
13) Acenaphthene-d10	14.29	164	11208	0.40	ng	-0.22
19) Phenanthrene-d10	17.04	188	32719	0.40	ng	-0.20
27) Chrysene-d12	21.20	240	968	0.40	ng	-0.22
34) Perylene-d12	23.69	264	11	0.40	ng	-0.26
System Monitoring Compounds						
4) 2-Fluorophenol	5.48	112	2021	0.24	ng	-0.05
5) Phenol-d6	7.10	99	14858	1.16	ng	-0.04
8) Nitrobenzene-d5	8.96	82	128348	2.05	ng	-0.12
11) 2-Methylnaphthalene-d10	12.23	152	33261	0.26	ng	-0.06
14) 2,4,6-Tribromophenol	0.00	330	0	0.00	ng	
15) 2-Fluorobiphenyl	0.00	172	0	0.00	ng	
25) Fluoranthene-d10	19.05	212	1110483	5.24	ng	-0.24
29) Terphenyl-d14	19.65	244	4178	2.29	ng	-0.22
Target Compounds						Qvalue
3) n-Nitrosodimethylamine	3.78	42	1508	0.38	ng	# 1
6) bis(2-Chloroethyl)ether	7.38	93	3048	0.31	ng	# 1
9) Naphthalene	10.69	128	1839683	2.08	ng	# 52
12) 2-Methylnaphthalene	12.25	142	52677	0.35	ng	# 1
16) Acenaphthylene	13.96	152	761991	12.88	ng	# 1
17) Acenaphthene	14.36	154	61867	1.63	ng	# 5
18) Fluorene	15.28	166	22566	0.46	ng	# 1
20) 4-Bromophenyl-phenylether	16.29	248	11752	0.66	ng	# 1
23) Phenanthrene	17.17	178	95394	1.22	ng	# 68
24) Anthracene	17.17	178	95394	0.99	ng	# 62
26) Fluoranthene	19.05	202	51291	0.42	ng	# 1
28) Pyrene	19.47	202	55203	16.30	ng	# 58
30) Benzo(a)anthracene	21.19	228	10217	3.24	ng	# 1
31) Chrysene	21.24	228	6734	2.10	ng	# 1
32) Bis(2-ethylhexyl)phthalate	21.16	149	18412	2.38	ng	# 78
35) Benzo(b)fluoranthene	22.90	252	434	12.20	ng	# 1
36) Benzo(k)fluoranthene	22.96	252	403	10.63	ng	# 1
37) Benzo(a)pyrene	23.53	252	233	6.75	ng	# 1
38) Dibenzo(a,h)anthracene	26.29	278	140	4.52	ng	# 1
39) Benzo(g,h,i)perylene	27.16	276	13	0.45	ng	# 10

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE103017\
Data File : BE094653.D
Acq On : 30 Oct 2017 21:14
Operator : SJ/JU
Sample : I6040-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :

Quant Time: Oct 31 01:17:06 2017
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 23 22:40:47 2017
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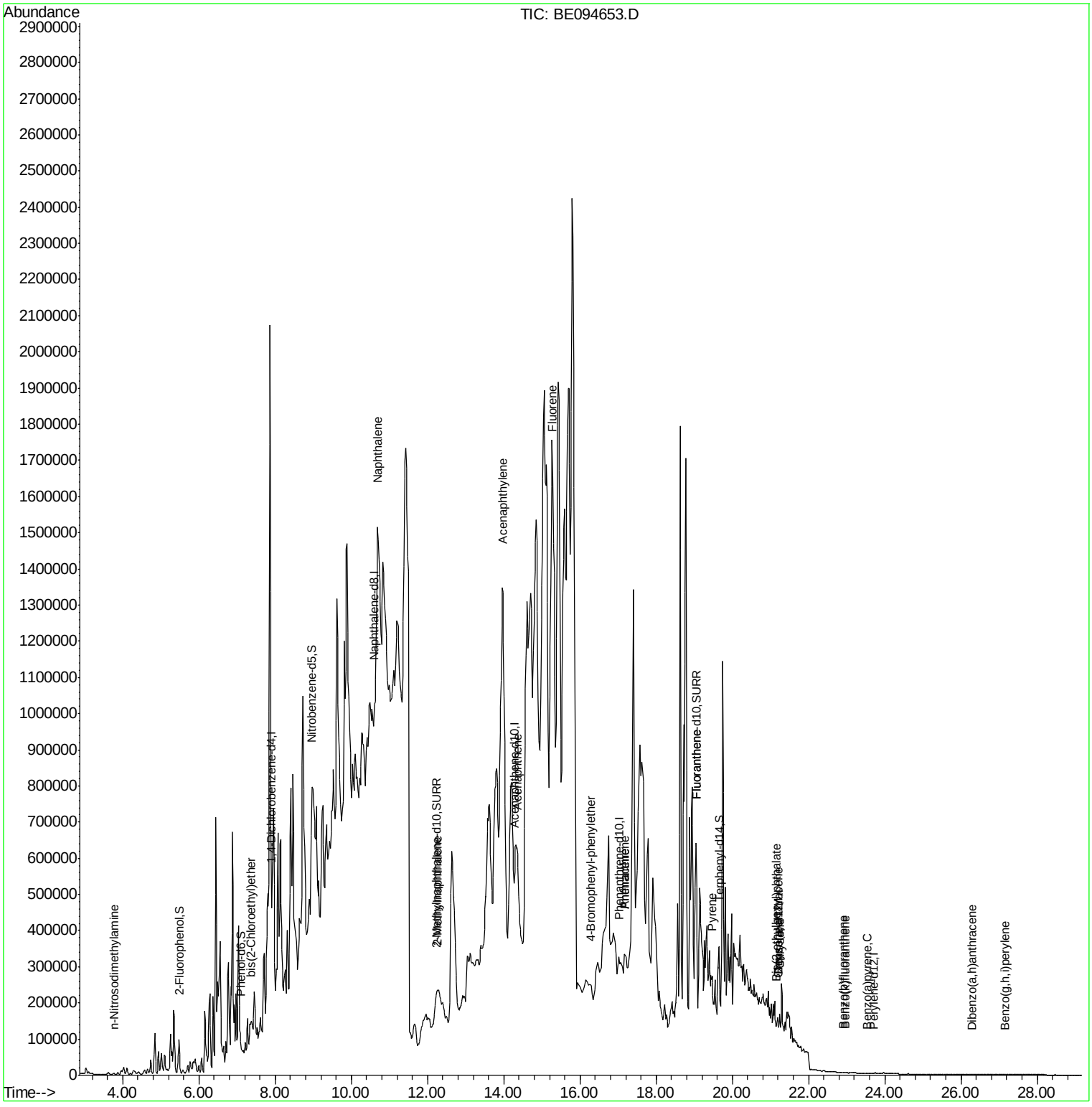
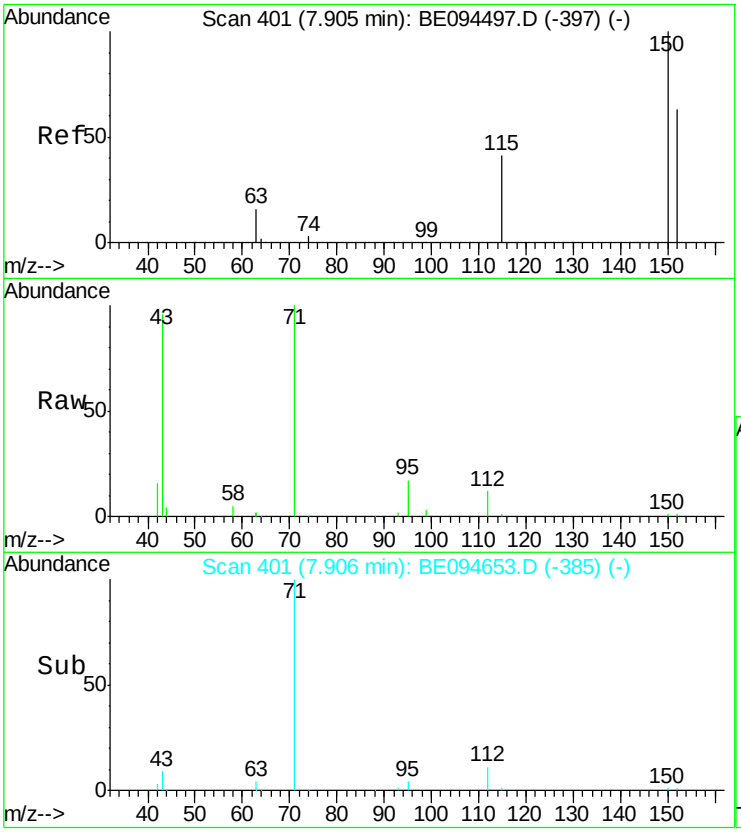


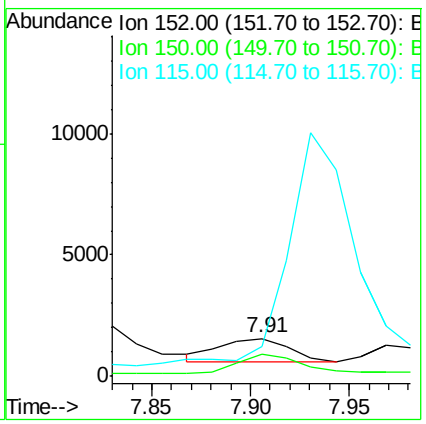


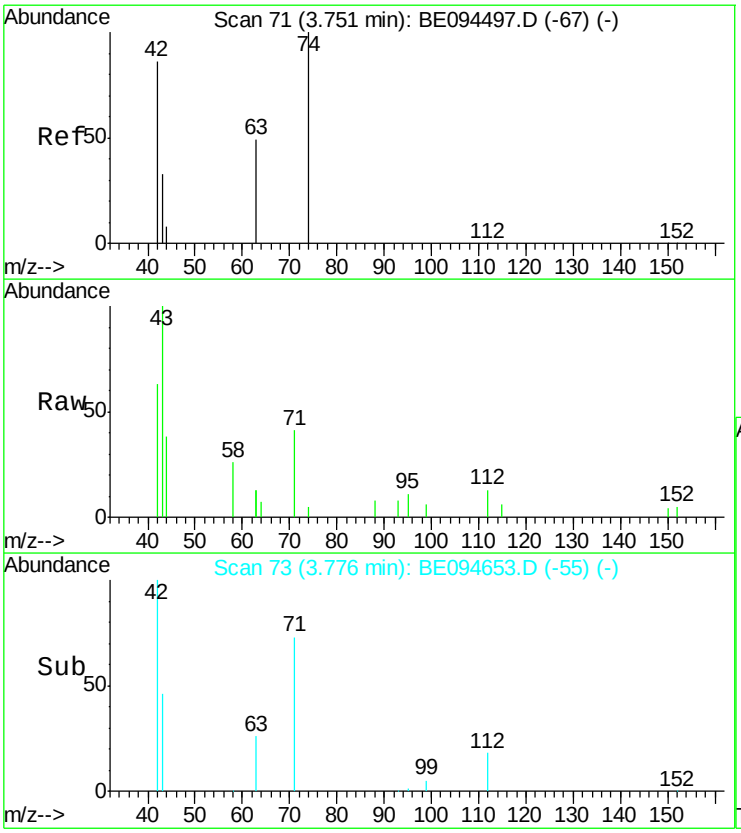
#1
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.91 min Scan# 401
Delta R.T. 0.00 min
Lab File: BE094653.D
Acq: 30 Oct 2017 21:14

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 2474

Ion	Ratio	Lower	Upper
152	100		
150	60.3	117.2	175.8#
115	80.3	57.0	85.6

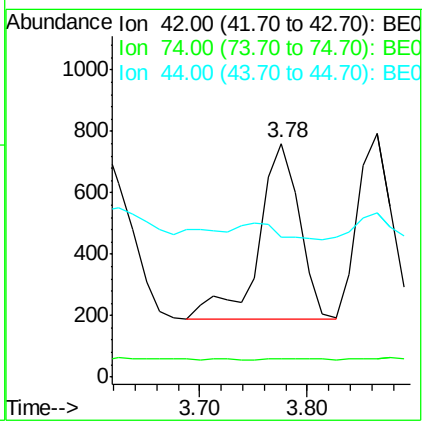


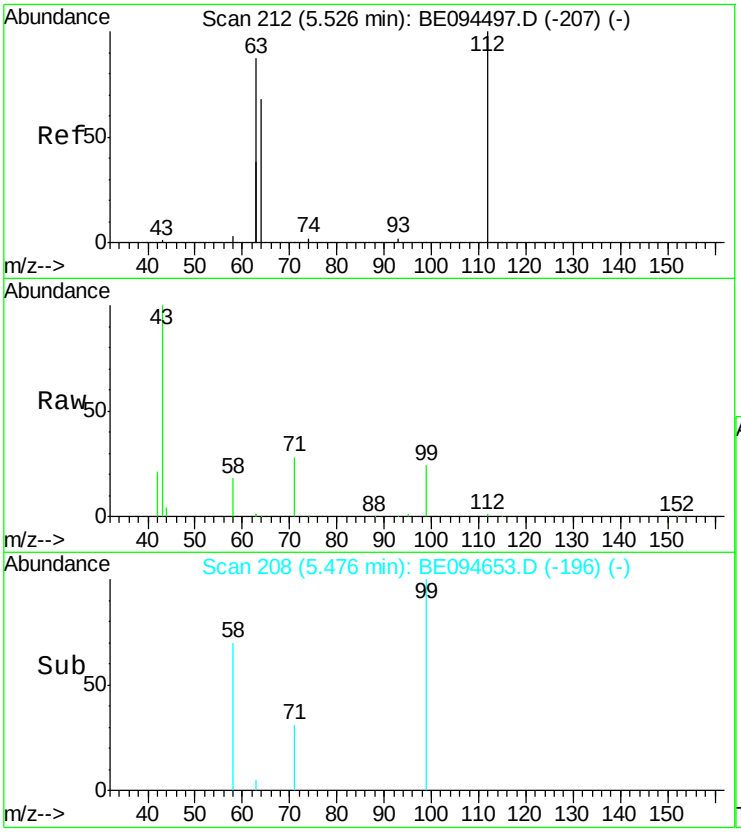


#3
n-Nitrosodimethylamine
Concen: 0.38 ng
RT: 3.78 min Scan# 73
Delta R.T. 0.03 min
Lab File: BE094653.D
Acq: 30 Oct 2017 21:14

Tgt Ion: 42 Resp: 1508

Ion	Ratio	Lower	Upper
42	100		
74	0.7	100.3	150.5#
44	0.0	17.0	25.4#



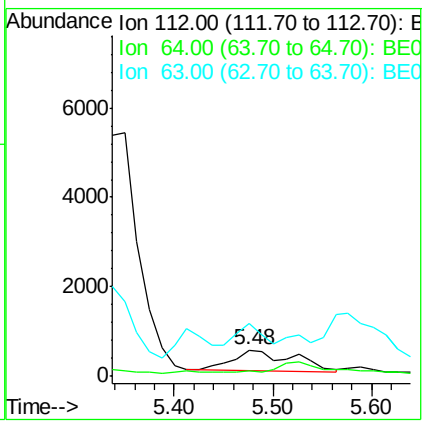


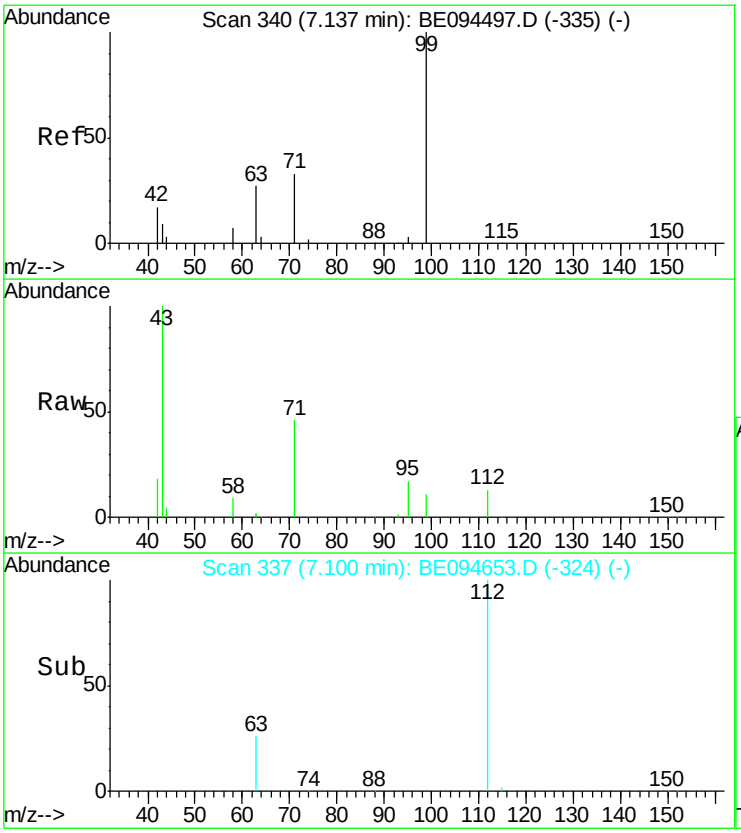
#4
2-Fluorophenol
Concen: 0.24 ng
RT: 5.48 min Scan# 208
Delta R.T. -0.05 min
Lab File: BE094653.D
Acq: 30 Oct 2017 21:14

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:112 Resp: 2021

Ion	Ratio	Lower	Upper
112	100		
64	0.0	60.1	90.1#
63	81.2	116.8	175.2#

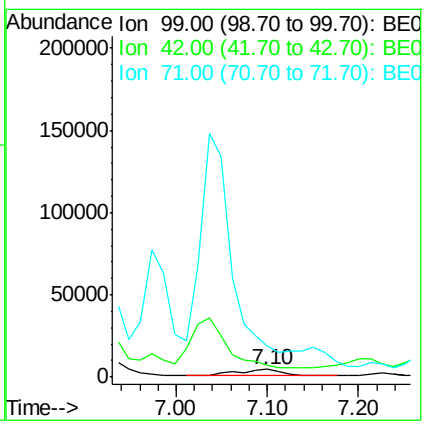


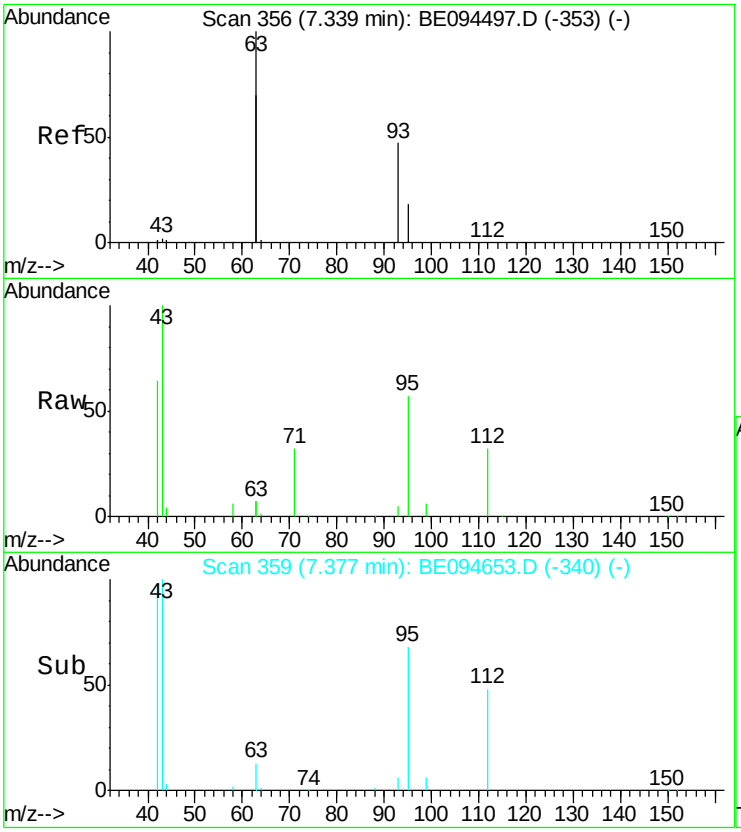


#5
Phenol-d6
Concen: 1.16 ng
RT: 7.10 min Scan# 337
Delta R.T. -0.04 min
Lab File: BE094653.D
Acq: 30 Oct 2017 21:14

Tgt Ion: 99 Resp: 14858

Ion	Ratio	Lower	Upper
99	100		
42	0.0	20.2	30.2#
71	0.0	28.4	42.6#



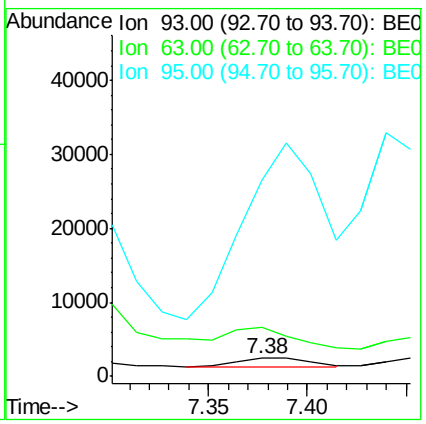


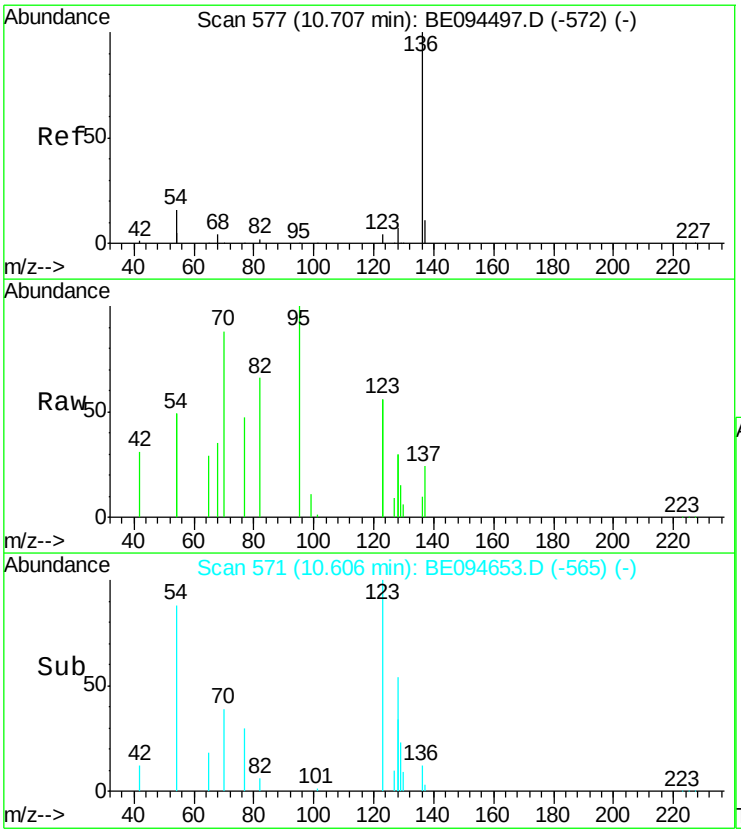
#6
bis(2-Chloroethyl)ether
Concen: 0.31 ng
RT: 7.38 min Scan# 359
Delta R.T. 0.04 min
Lab File: BE094653.D
Acq: 30 Oct 2017 21:14

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 93 Resp: 3048

Ion	Ratio	Lower	Upper
93	100		
63	235.2	275.3	412.9#
95	2180.2	25.2	37.8#

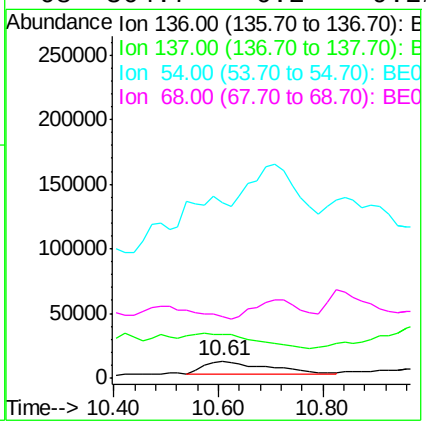


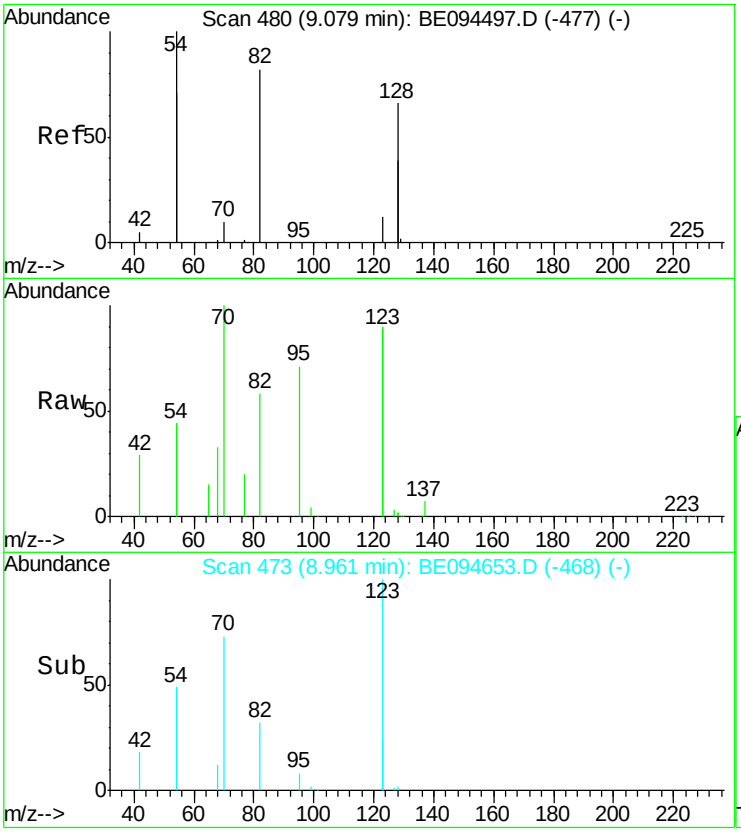


#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.61 min Scan# 571
Delta R.T. -0.10 min
Lab File: BE094653.D
Acq: 30 Oct 2017 21:14

Tgt Ion:136 Resp: 78274

Ion	Ratio	Lower	Upper
136	100		
137	256.8	9.5	14.3#
54	1036.1	29.1	43.7#
68	364.7	6.2	9.2#



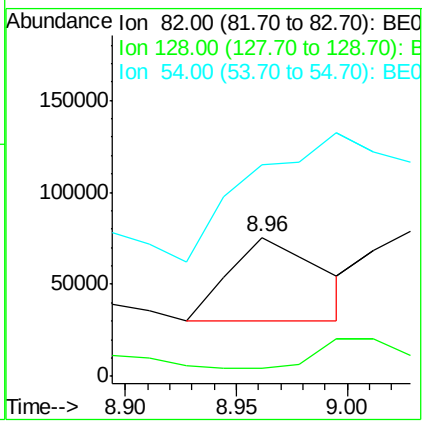


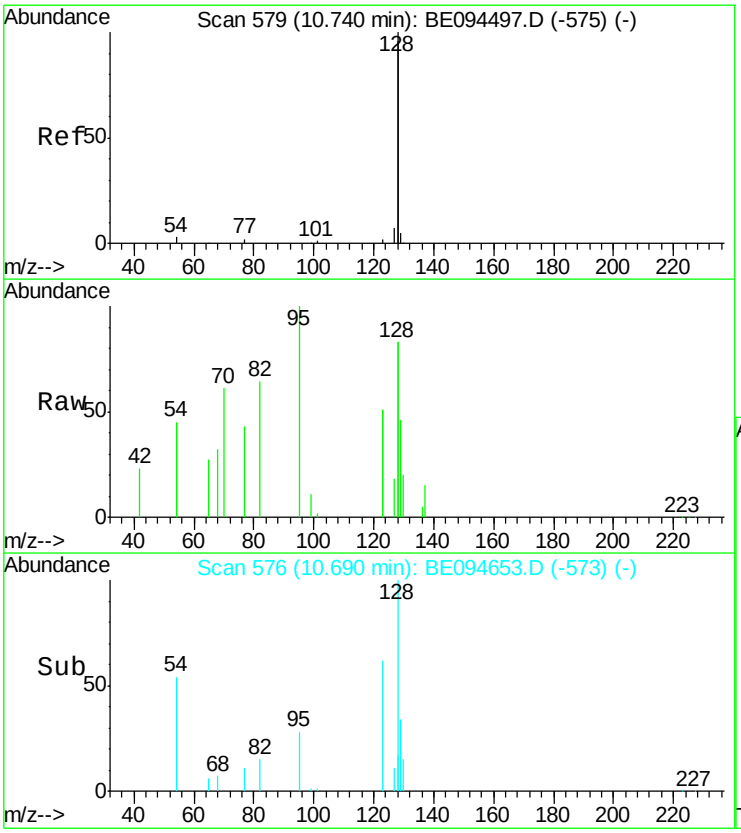
#8
Nitrobenzene-d5
Concen: 2.05 ng
RT: 8.96 min Scan# 473
Delta R.T. -0.12 min
Lab File: BE094653.D
Acq: 30 Oct 2017 21:14

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 82 Resp: 128348

Ion	Ratio	Lower	Upper
82	100		
128	6.0	150.0	225.0#
54	152.3	154.2	231.4#

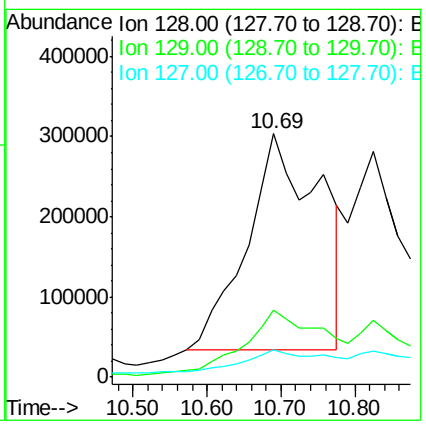


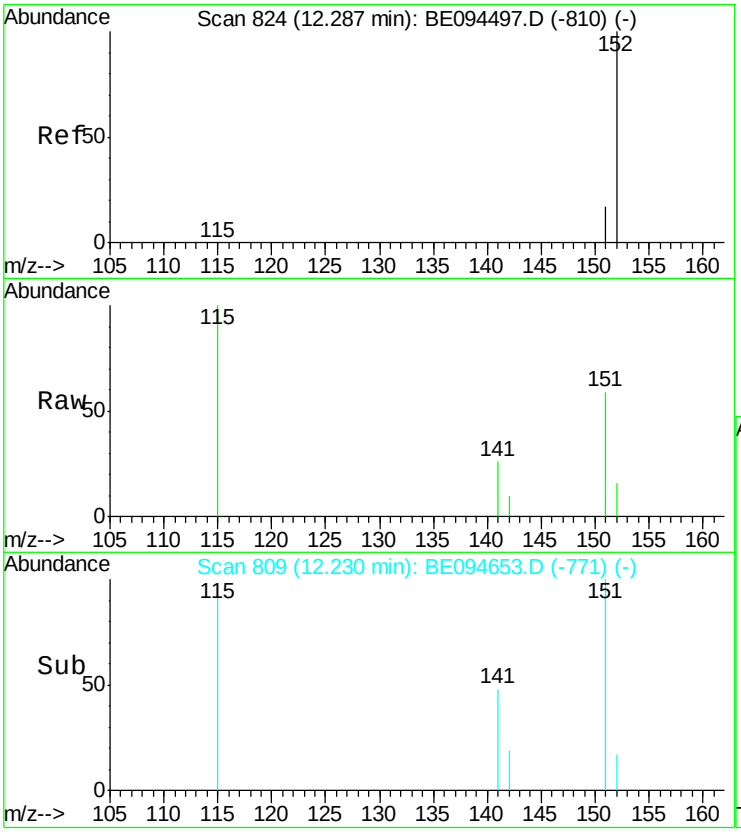


#9
Naphthalene
Concen: 2.08 ng
RT: 10.69 min Scan# 576
Delta R.T. -0.05 min
Lab File: BE094653.D
Acq: 30 Oct 2017 21:14

Tgt Ion:128 Resp: 1839683

Ion	Ratio	Lower	Upper
128	100		
129	27.8	2.6	3.8#
127	11.1	2.8	4.2#



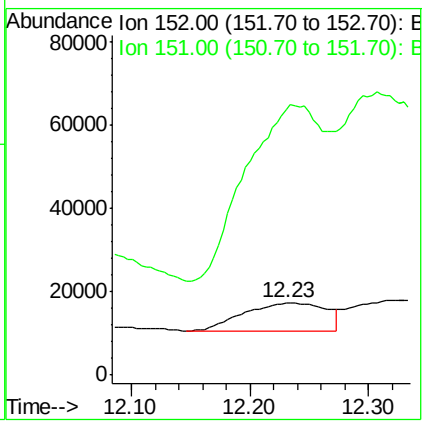


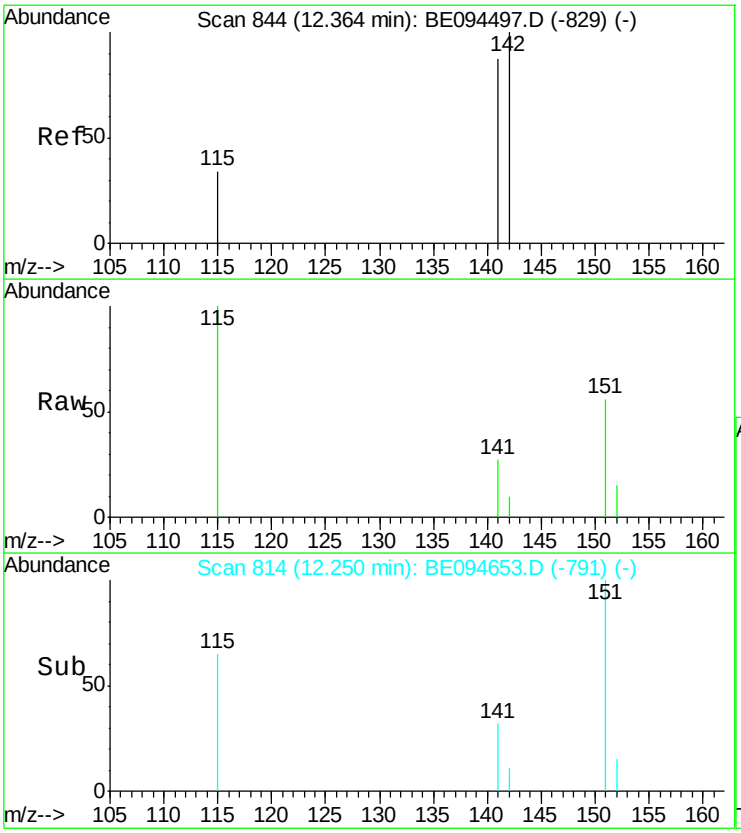
#11
2-Methylnaphthalene-d10
Concen: 0.26 ng
RT: 12.23 min Scan# 809
Delta R.T. -0.06 min
Lab File: BE094653.D
Acq: 30 Oct 2017 21:14

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 33261

Ion	Ratio	Lower	Upper
152	100		
151	562.8	15.4	23.0#

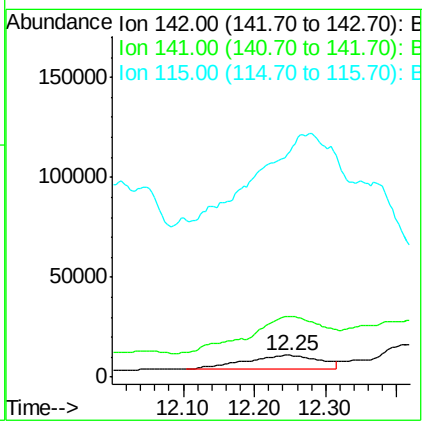


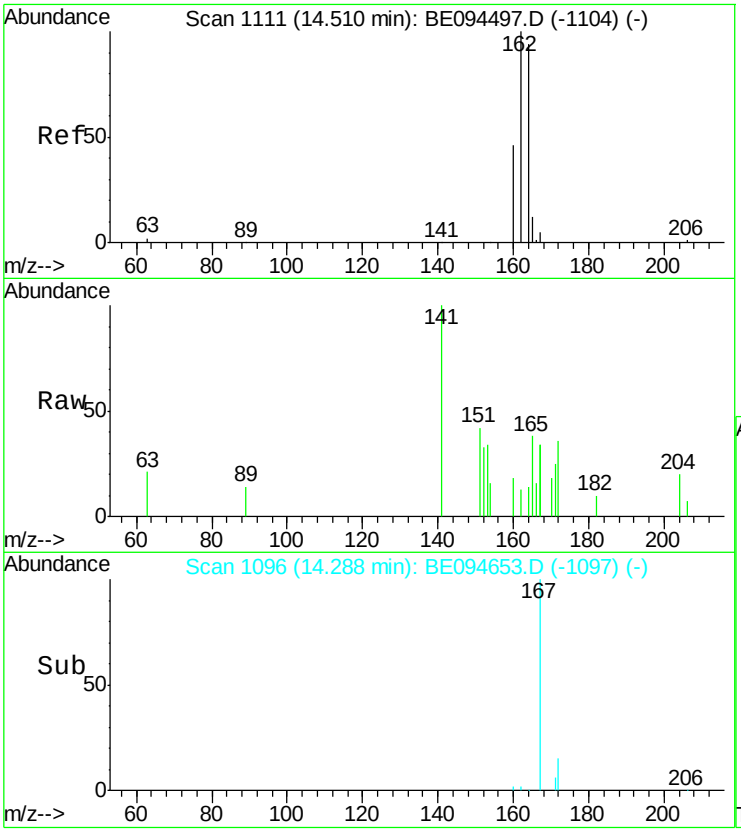


#12
2-Methylnaphthalene
Concen: 0.35 ng
RT: 12.25 min Scan# 814
Delta R.T. -0.11 min
Lab File: BE094653.D
Acq: 30 Oct 2017 21:14

Tgt Ion:142 Resp: 52677

Ion	Ratio	Lower	Upper
142	100		
141	278.8	70.4	105.6#
115	1035.9	31.7	47.5#



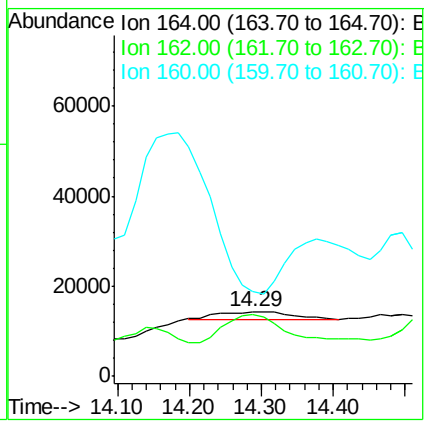


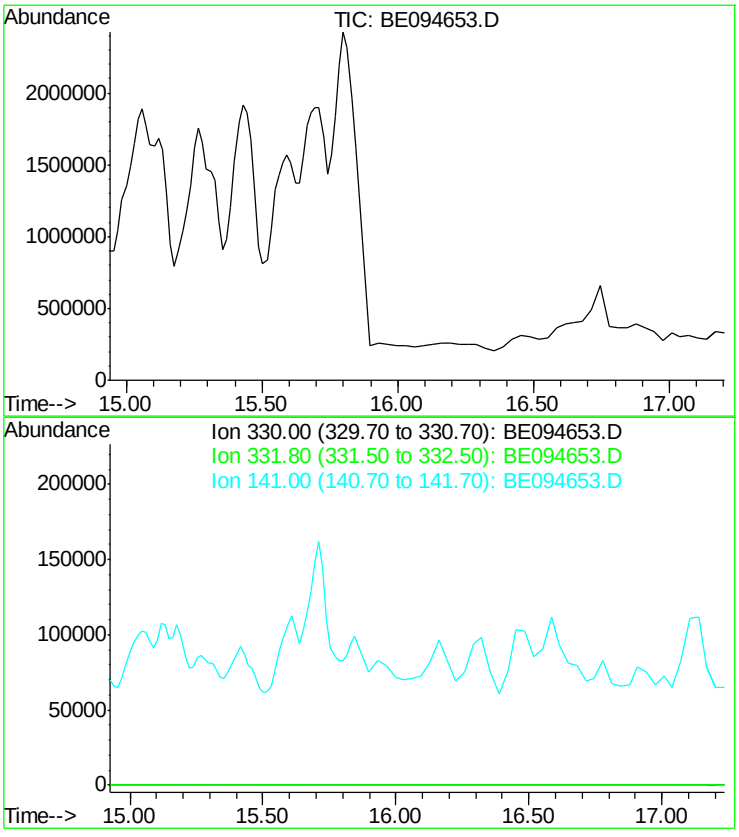
#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.29 min Scan# 1096
Delta R.T. -0.22 min
Lab File: BE094653.D
Acq: 30 Oct 2017 21:14

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:164 Resp: 11208

Ion	Ratio	Lower	Upper
164	100		
162	95.7	83.1	124.7
160	131.3	37.1	55.7#



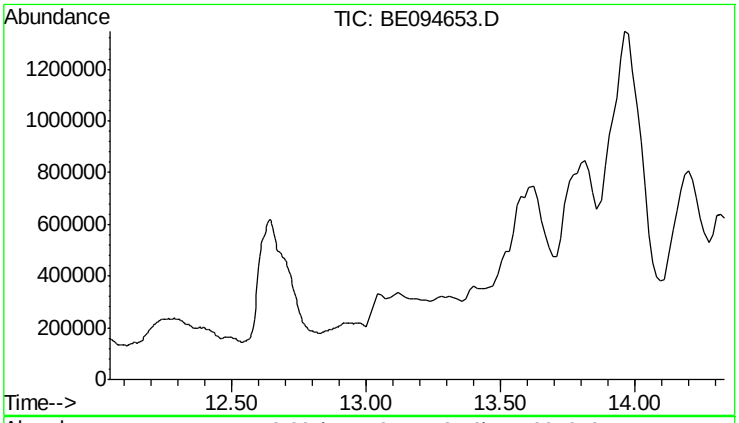


#14
2,4,6-Tribromophenol
Concen: 0.00 ng
Expected RT: 16.03 min

Lab File: BE094653.D
Acq: 30 Oct 2017 21:14

Tgt Ion: 330

Sig	Exp Ratio
330	100
332	190.9
141	42.1



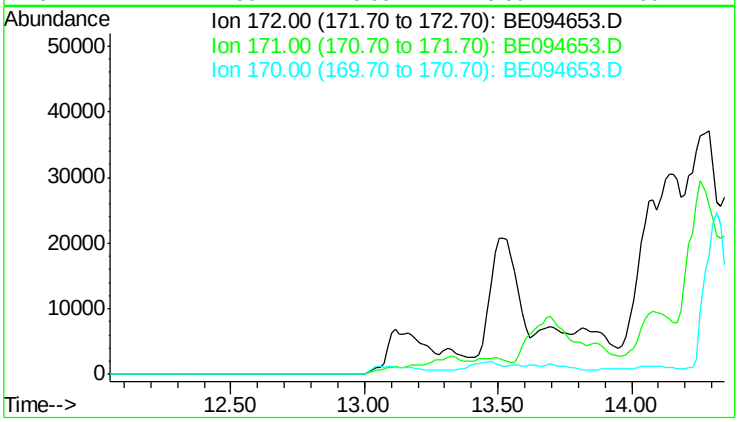
#15
2-Fluorobiphenyl
Concen: 0.00 ng
Expected RT: 13.15 min

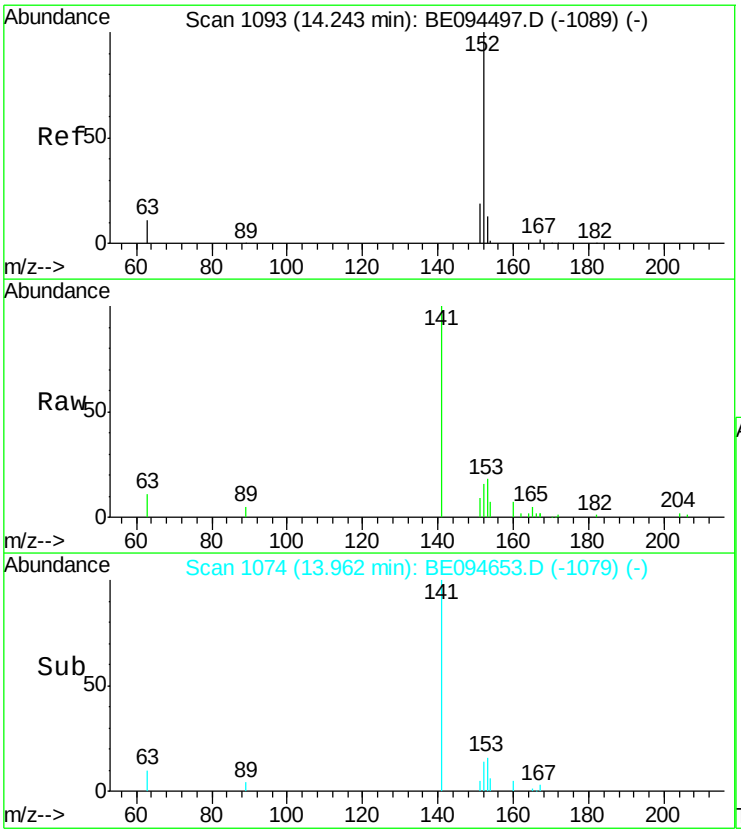
Lab File: BE094653.D
Acq: 30 Oct 2017 21:14

Tgt Ion: 172

Sig	Exp Ratio
172	100
171	37.4
170	27.3

Instrument :
BNA_E
ClientSampleId :

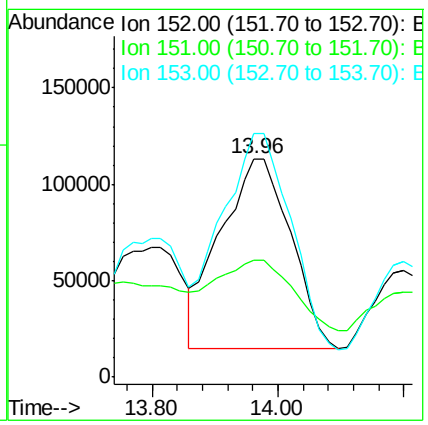


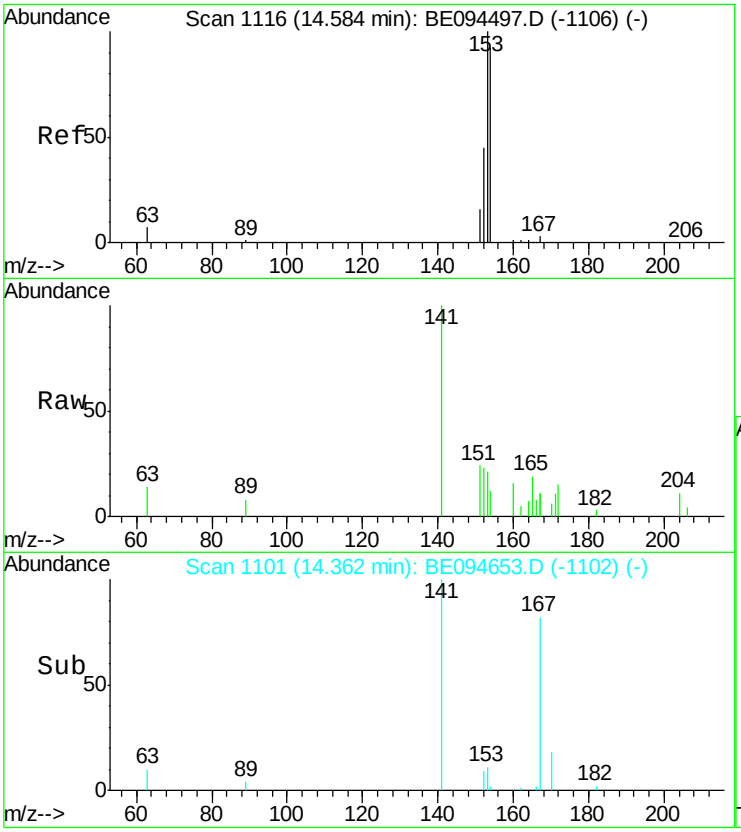


#16
Acenaphthylene
Concen: 12.88 ng
RT: 13.96 min Scan# 1074
Delta R.T. -0.28 min
Lab File: BE094653.D
Acq: 30 Oct 2017 21:14

Tgt Ion:152 Resp: 761991

Ion	Ratio	Lower	Upper
152	100		
151	39.4	15.7	23.5#
153	112.5	10.5	15.7#



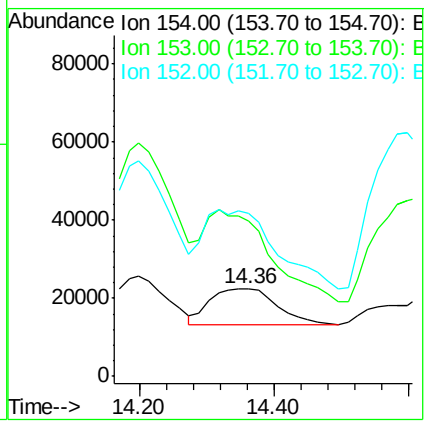


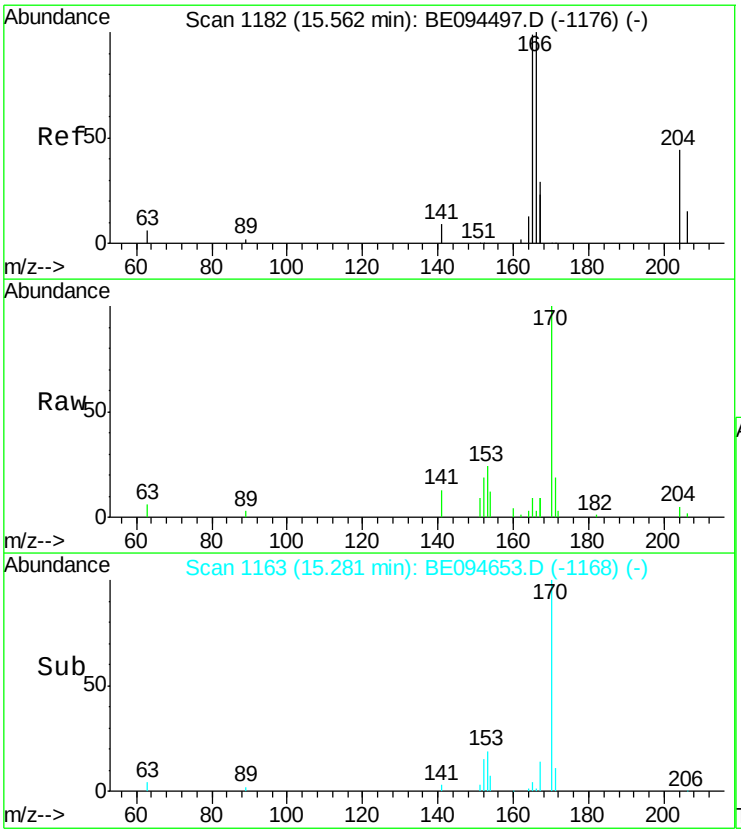
#17
Acenaphthene
Concen: 1.63 ng
RT: 14.36 min Scan# 1101
Delta R.T. -0.22 min
Lab File: BE094653.D
Acq: 30 Oct 2017 21:14

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:154 Resp: 61867

Ion	Ratio	Lower	Upper
154	100		
153	0.0	89.2	133.8#
152	0.0	42.0	63.0#

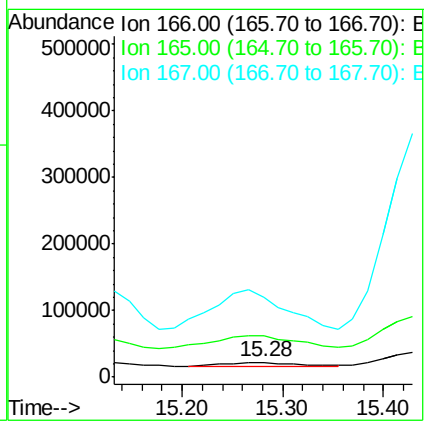


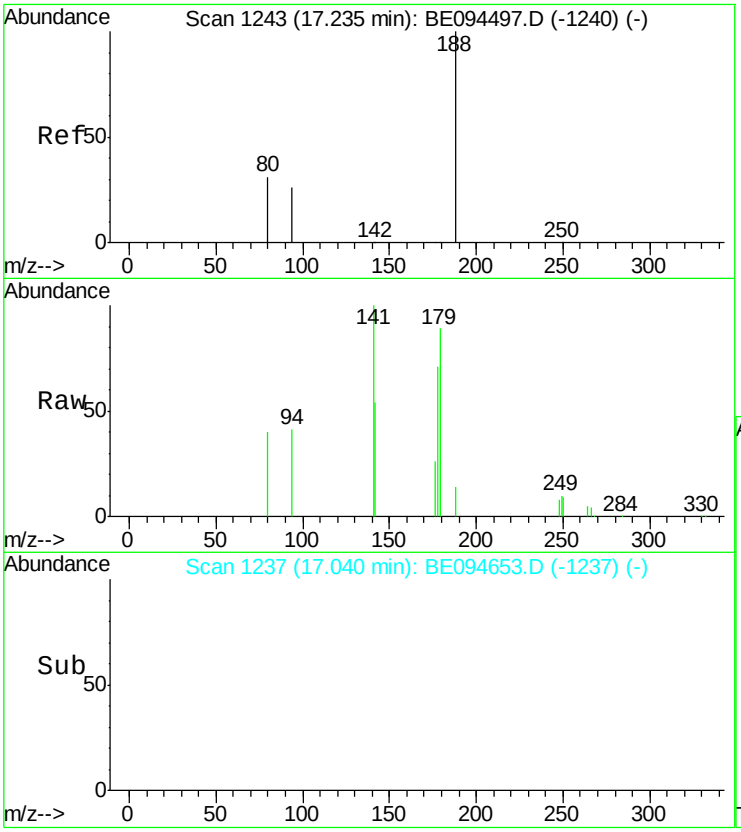


#18
Fluorene
Concen: 0.46 ng
RT: 15.28 min Scan# 1163
Delta R.T. -0.28 min
Lab File: BE094653.D
Acq: 30 Oct 2017 21:14

Tgt Ion:166 Resp: 22566

Ion	Ratio	Lower	Upper
166	100		
165	501.6	77.8	116.6#
167	1302.1	42.4	63.6#



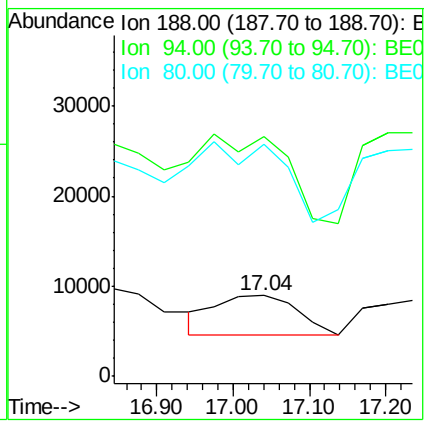


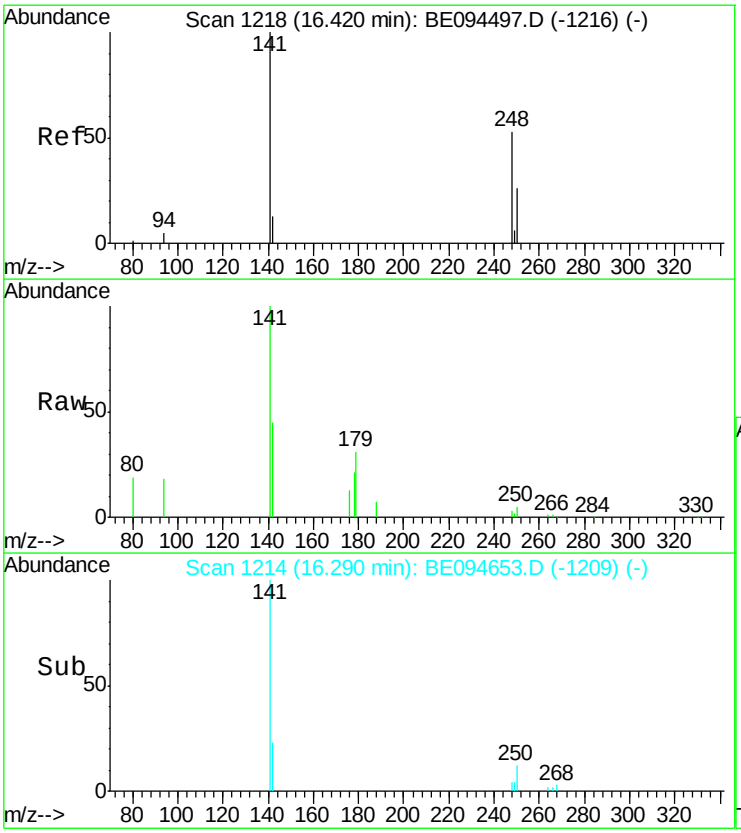
#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.04 min Scan# 1237
Delta R.T. -0.20 min
Lab File: BE094653.D
Acq: 30 Oct 2017 21:14

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:188 Resp: 32719

Ion	Ratio	Lower	Upper
188	100		
94	297.3	3.9	5.9#
80	288.9	3.6	5.4#

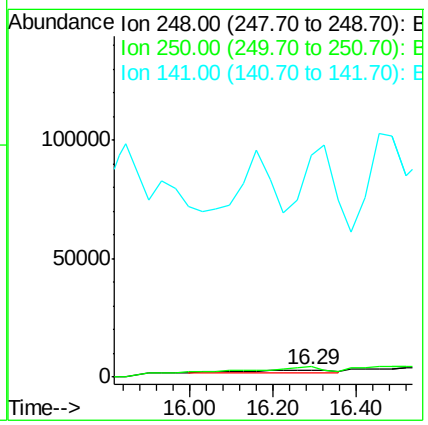


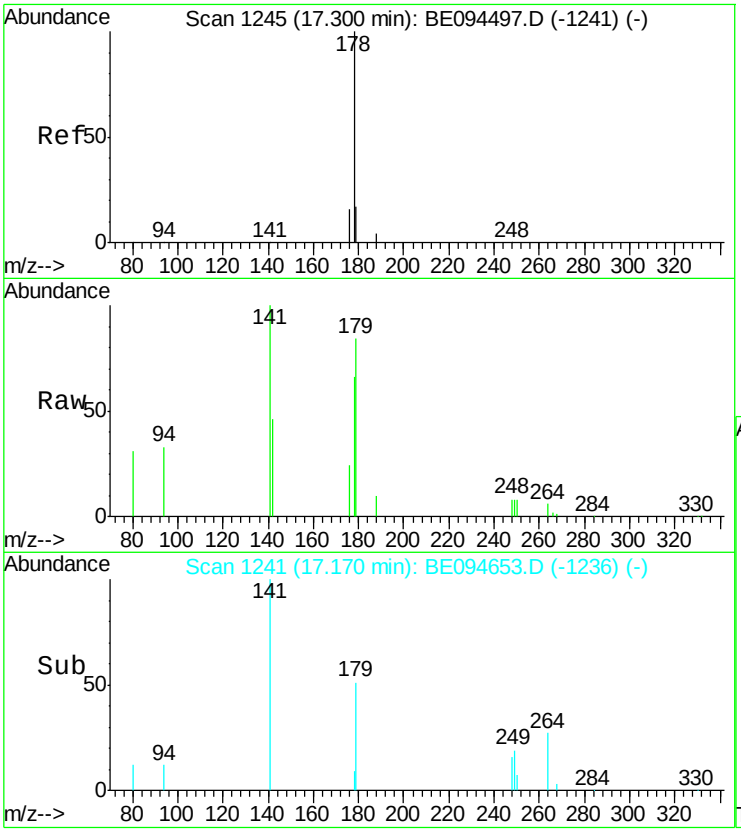


#20
4-Bromophenyl-phenylether
Concen: 0.66 ng
RT: 16.29 min Scan# 1214
Delta R.T. -0.13 min
Lab File: BE094653.D
Acq: 30 Oct 2017 21:14

Tgt Ion:248 Resp: 11752

Ion	Ratio	Lower	Upper
248	100		
250	149.3	62.7	94.1#
141	3149.9	48.2	72.2#



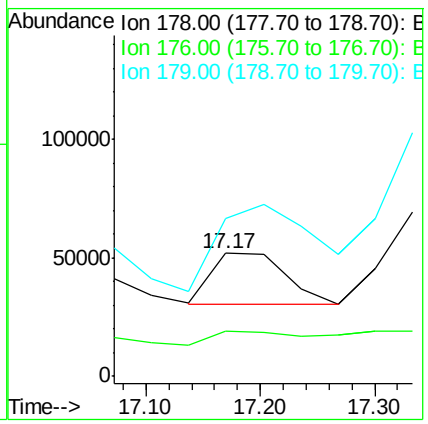


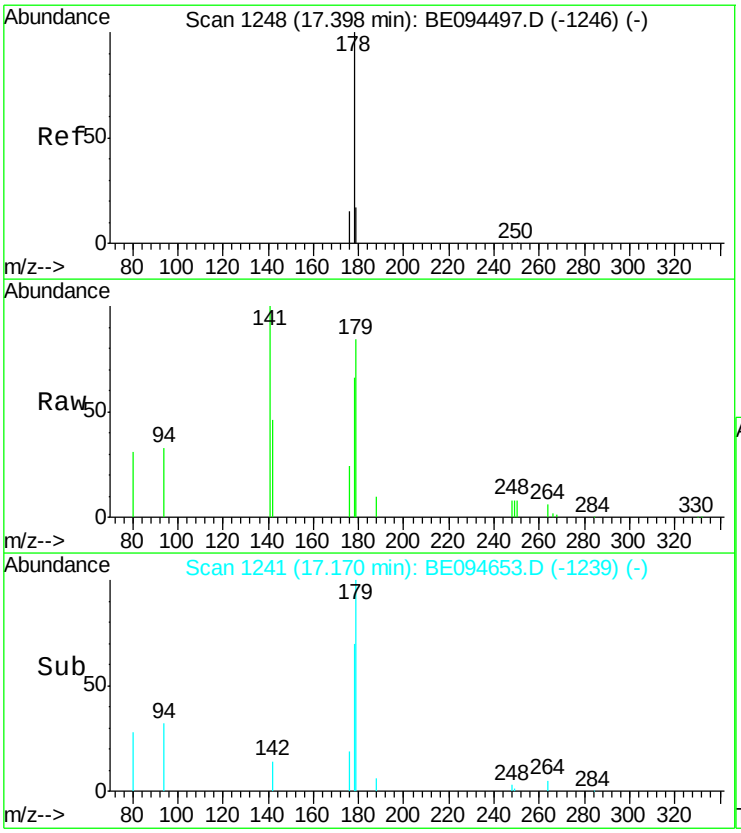
#23
Phenanthrene
Concen: 1.22 ng
RT: 17.17 min Scan# 1241
Delta R.T. -0.13 min
Lab File: BE094653.D
Acq: 30 Oct 2017 21:14

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:178 Resp: 95394

Ion	Ratio	Lower	Upper
178	100		
176	32.3	15.1	22.7#
179	0.0	11.8	17.6#

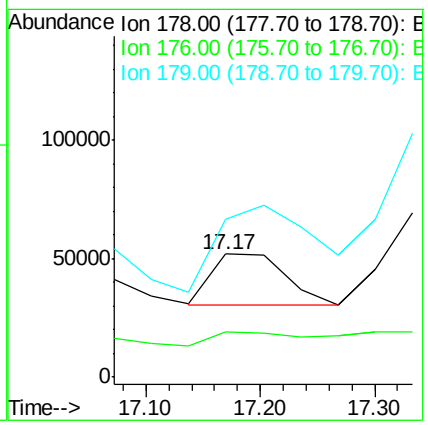


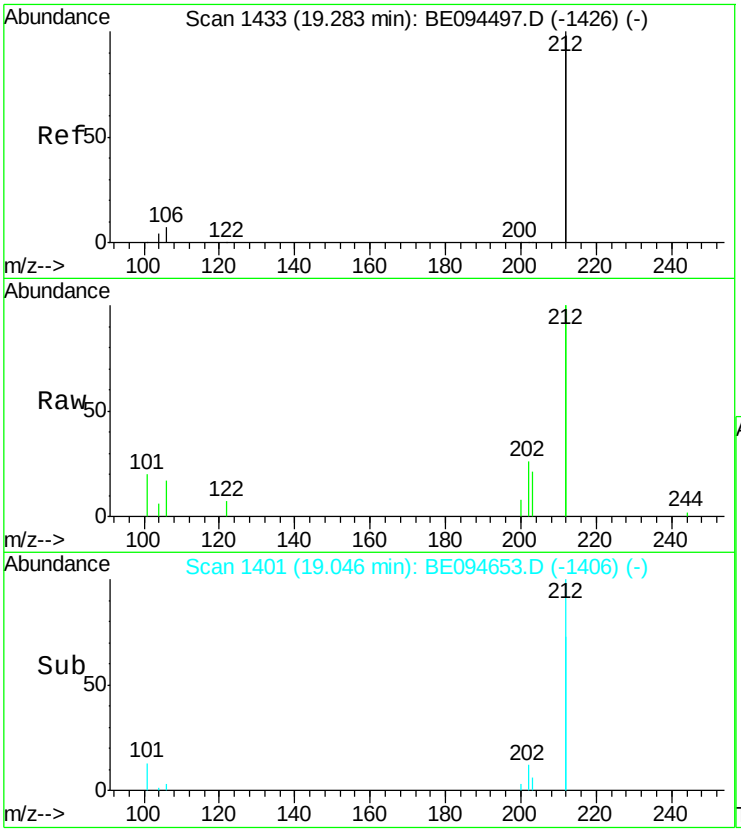


#24
Anthracene
Concen: 0.99 ng
RT: 17.17 min Scan# 1241
Delta R.T. -0.23 min
Lab File: BE094653.D
Acq: 30 Oct 2017 21:14

Tgt Ion:178 Resp: 95394

Ion	Ratio	Lower	Upper
178	100		
176	32.3	12.8	19.2#
179	0.0	13.0	19.6#



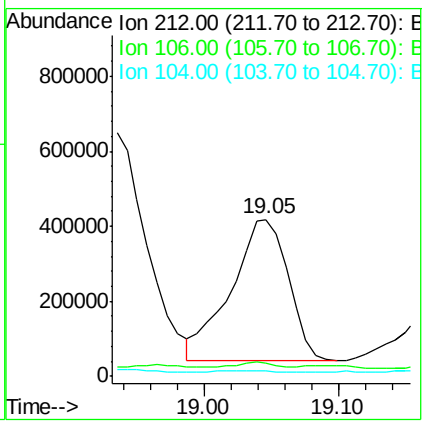


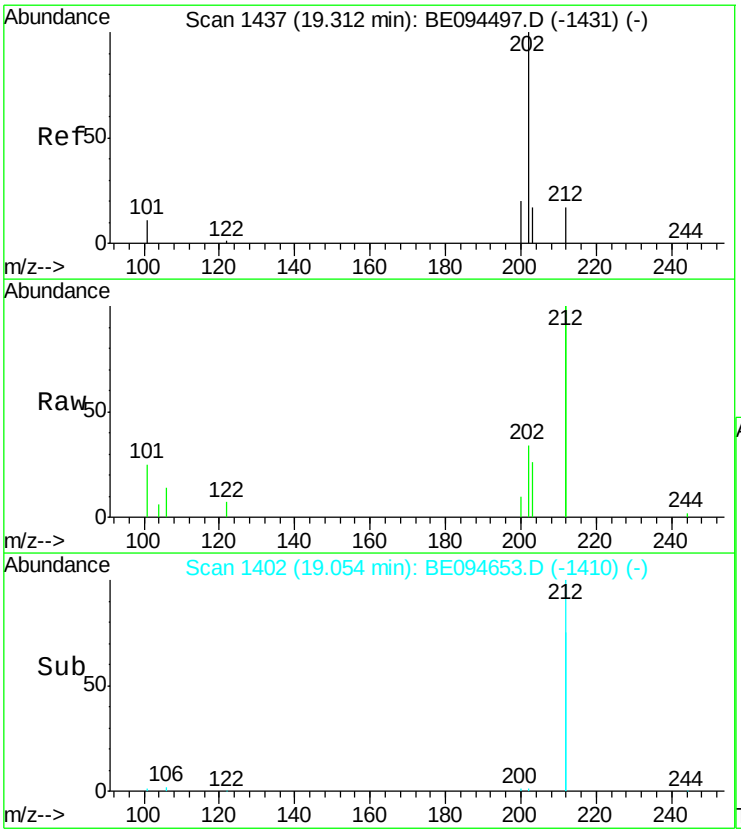
#25
Fluoranthene-d10
Concen: 5.24 ng
RT: 19.05 min Scan# 1401
Delta R.T. -0.24 min
Lab File: BE094653.D
Acq: 30 Oct 2017 21:14

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:212 Resp: 1110483

Ion	Ratio	Lower	Upper
212	100		
106	1.9	2.8	4.2#
104	0.8	1.6	2.4#

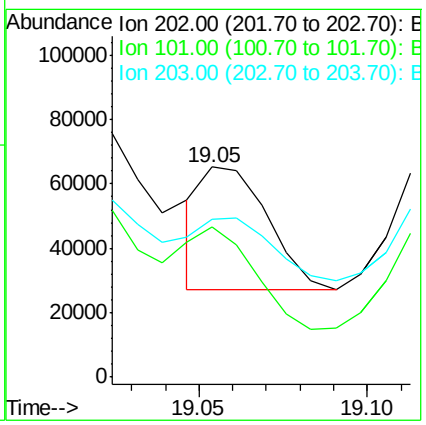


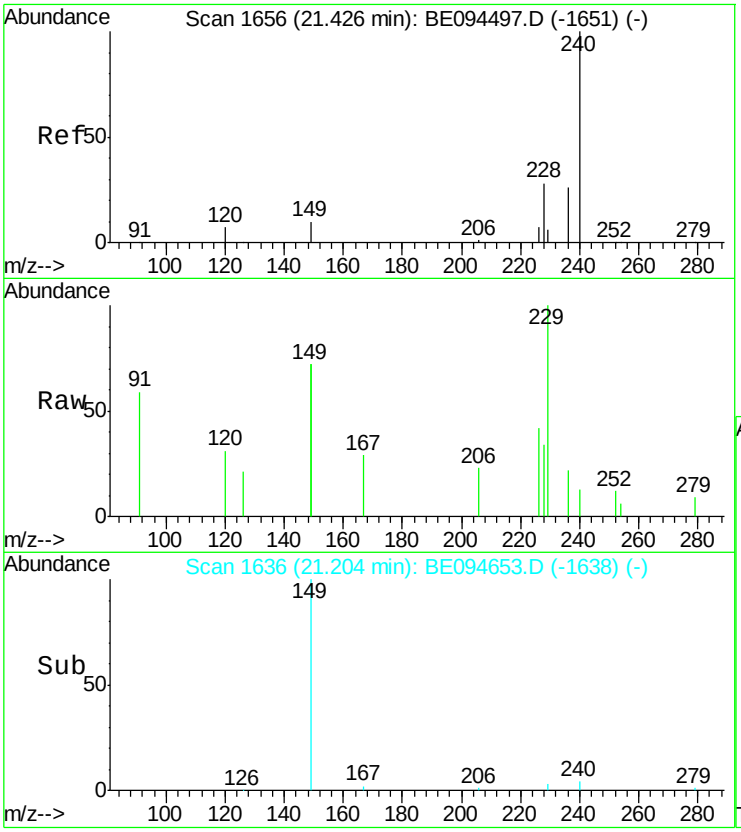


#26
Fluoranthene
Concen: 0.42 ng
RT: 19.05 min Scan# 1402
Delta R.T. -0.26 min
Lab File: BE094653.D
Acq: 30 Oct 2017 21:14

Tgt Ion:202 Resp: 51291

Ion	Ratio	Lower	Upper
202	100		
101	89.9	9.8	14.8#
203	52.7	13.7	20.5#



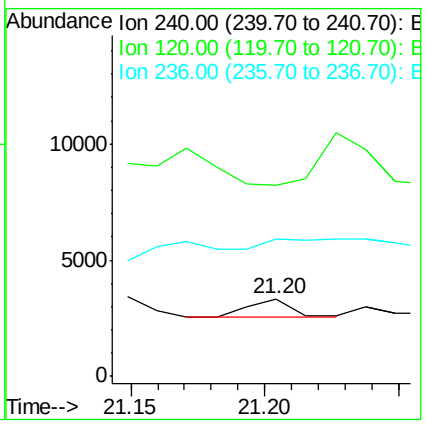


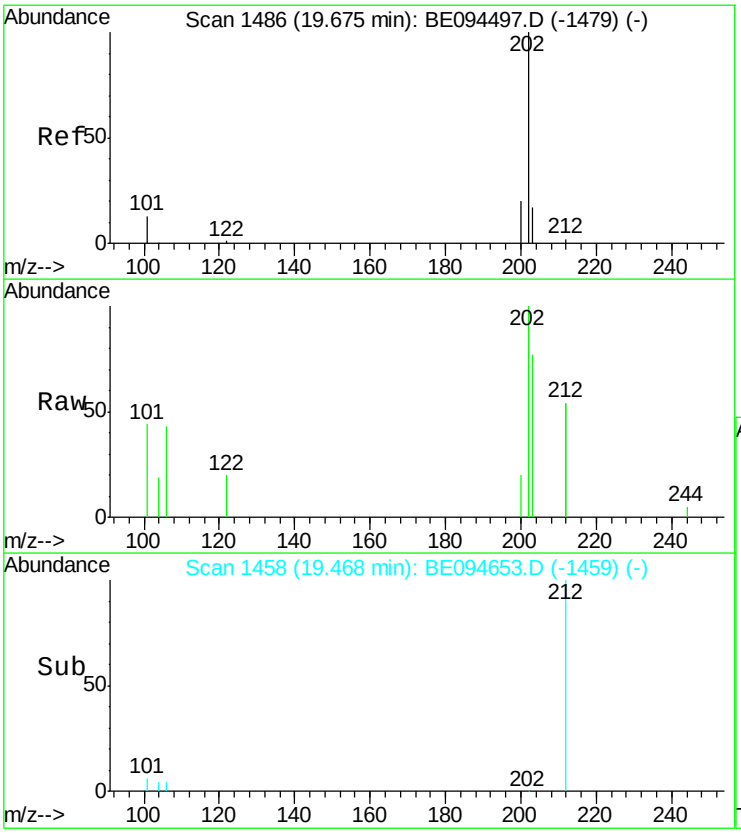
#27
Chrysene-d12
Concen: 0.40 ng
RT: 21.20 min Scan# 1636
Delta R.T. -0.22 min
Lab File: BE094653.D
Acq: 30 Oct 2017 21:14

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:240 Resp: 968

Ion	Ratio	Lower	Upper
240	100		
120	246.0	5.5	8.3#
236	175.9	20.7	31.1#

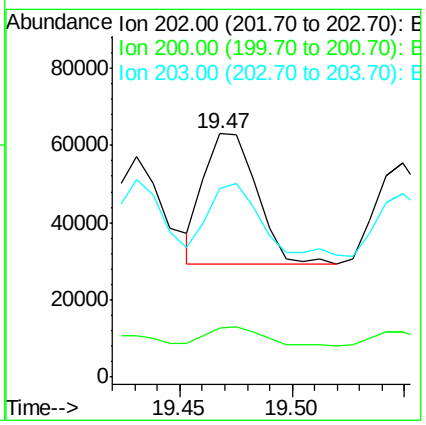


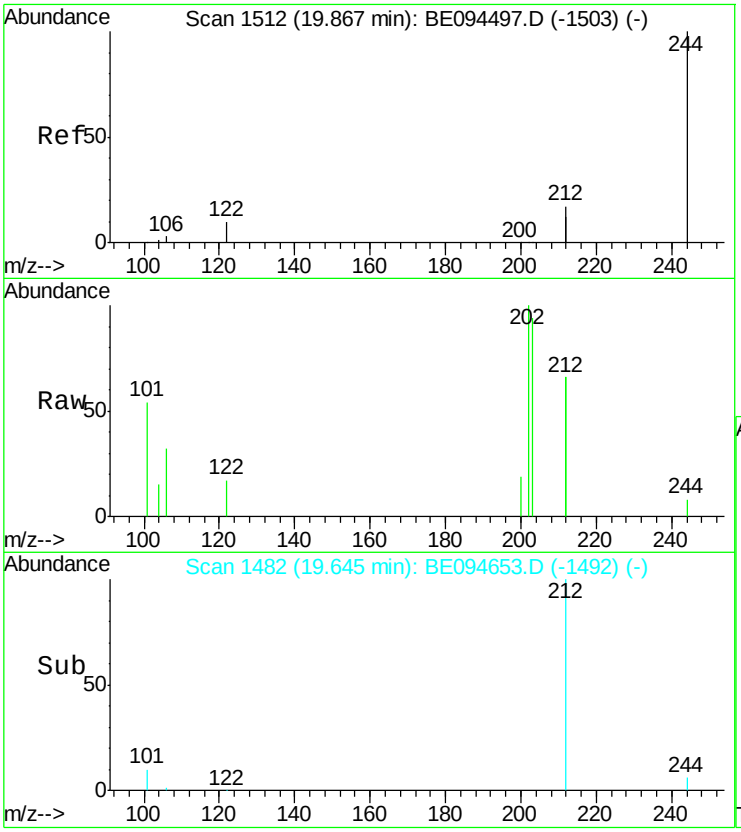


#28
Pyrene
Concen: 16.30 ng
RT: 19.47 min Scan# 1458
Delta R.T. -0.21 min
Lab File: BE094653.D
Acq: 30 Oct 2017 21:14

Tgt Ion:202 Resp: 55203

Ion	Ratio	Lower	Upper
202	100		
200	15.9	16.6	25.0#
203	52.0	13.8	20.8#



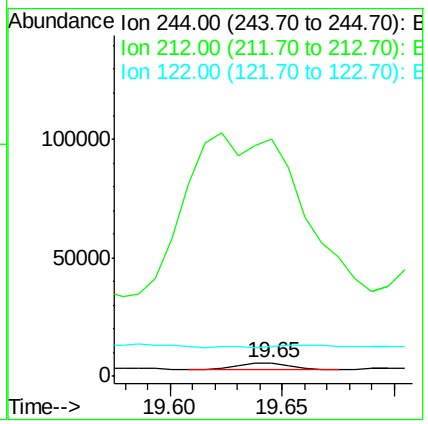


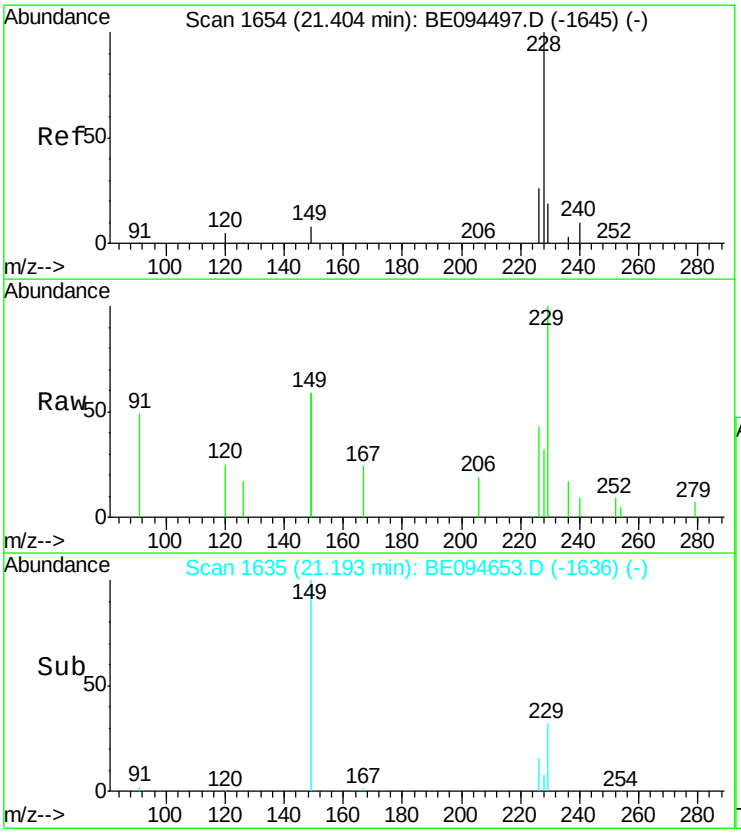
#29
Terphenyl-d14
Concen: 2.29 ng
RT: 19.65 min Scan# 1482
Delta R.T. -0.22 min
Lab File: BE094653.D
Acq: 30 Oct 2017 21:14

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:244 Resp: 4178

Ion	Ratio	Lower	Upper
244	100		
212	1742.9	25.4	38.0#
122	219.0	8.1	12.1#

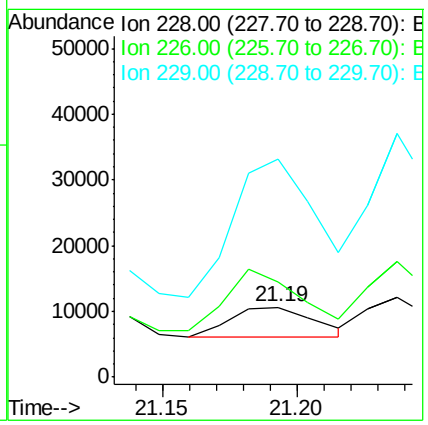


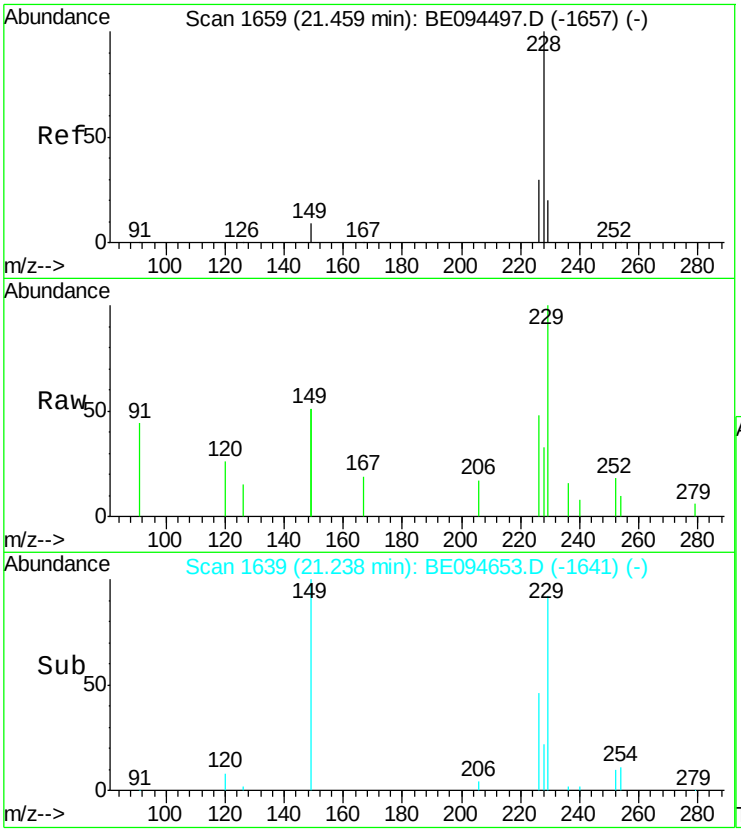


#30
Benzo(a)anthracene
Concen: 3.24 ng
RT: 21.19 min Scan# 1635
Delta R.T. -0.21 min
Lab File: BE094653.D
Acq: 30 Oct 2017 21:14

Tgt Ion:228 Resp: 10217

Ion	Ratio	Lower	Upper
228	100		
226	135.2	40.0	60.0#
229	310.8	40.0	60.0#



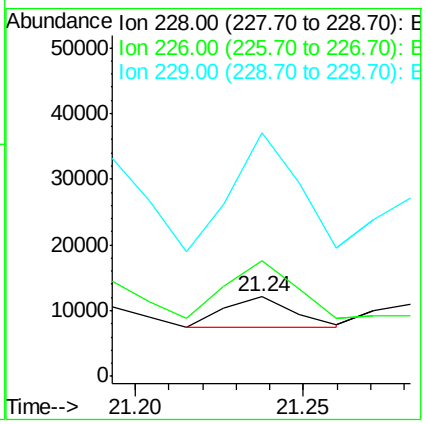


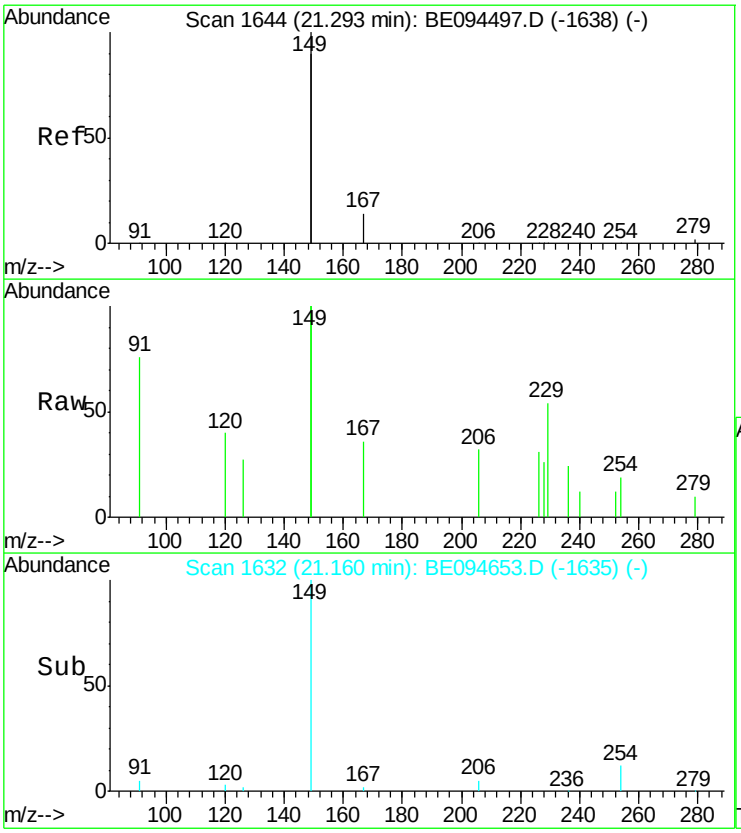
#31
Chrysene
Concen: 2.10 ng
RT: 21.24 min Scan# 1639
Delta R.T. -0.22 min
Lab File: BE094653.D
Acq: 30 Oct 2017 21:14

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:228 Resp: 6734

Ion	Ratio	Lower	Upper
228	100		
226	145.7	40.0	60.0#
229	306.1	40.0	60.0#

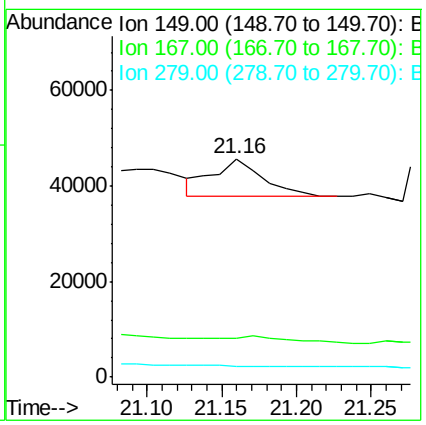


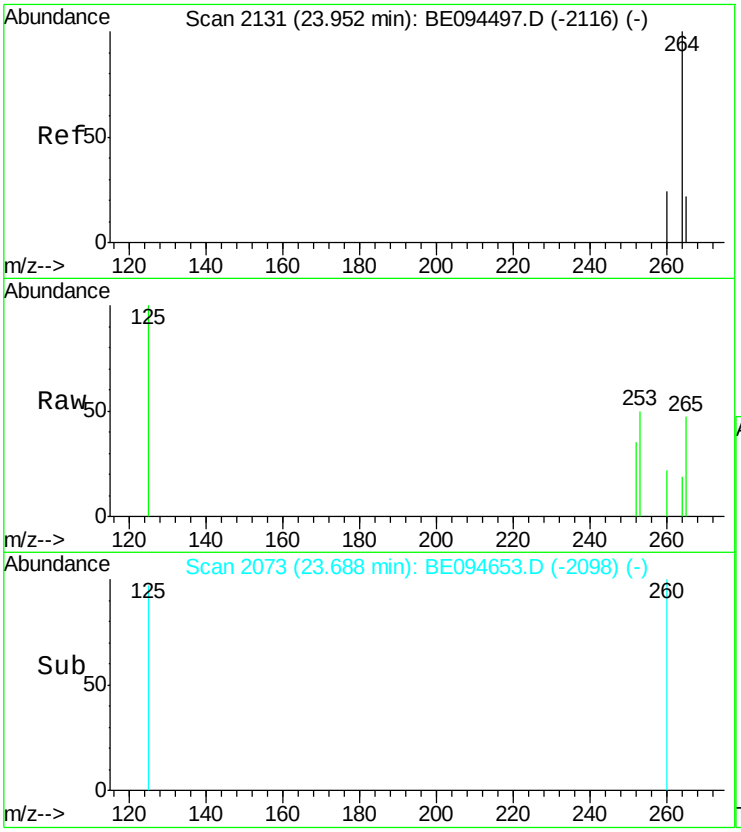


#32
Bis(2-ethylhexyl)phthalate
Concen: 2.38 ng
RT: 21.16 min Scan# 1632
Delta R.T. -0.13 min
Lab File: BE094653.D
Acq: 30 Oct 2017 21:14

Tgt Ion:149 Resp: 18412

Ion	Ratio	Lower	Upper
149	100		
167	15.0	5.4	8.0#
279	0.0	0.7	1.1#



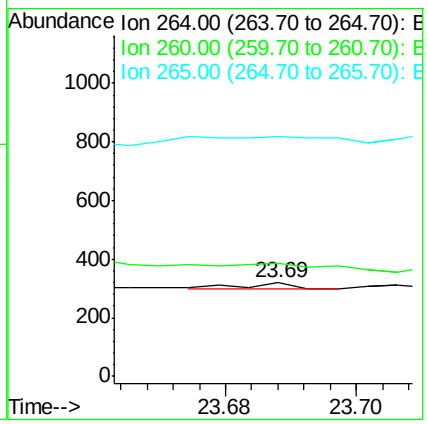


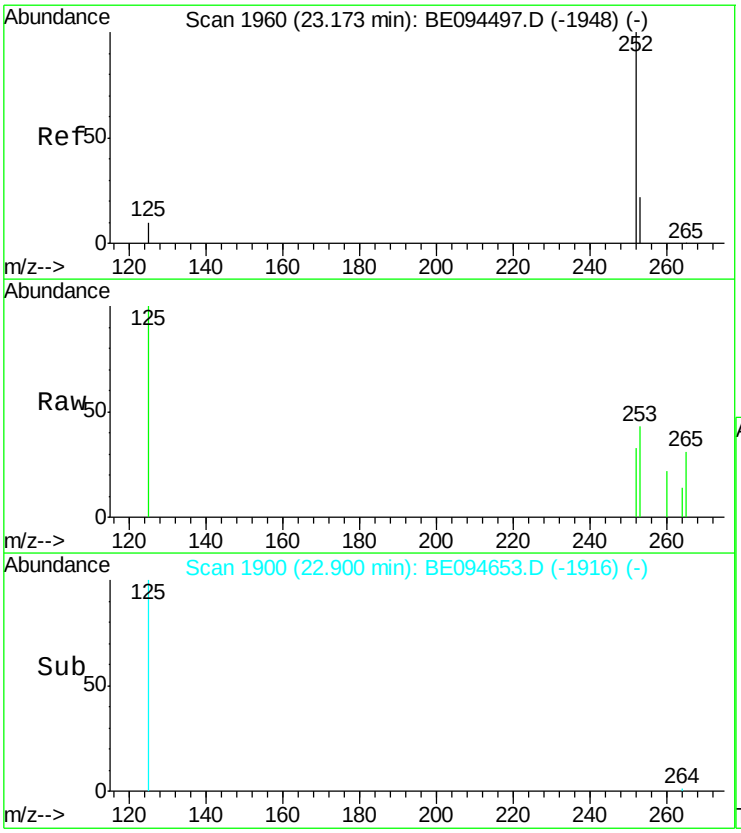
#34
Perylene-d12
Concen: 0.40 ng
RT: 23.69 min Scan# 2073
Delta R.T. -0.26 min
Lab File: BE094653.D
Acq: 30 Oct 2017 21:14

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:264 Resp: 11

Ion	Ratio	Lower	Upper
264	100		
260	120.3	20.5	30.7#
265	255.9	22.8	34.2#

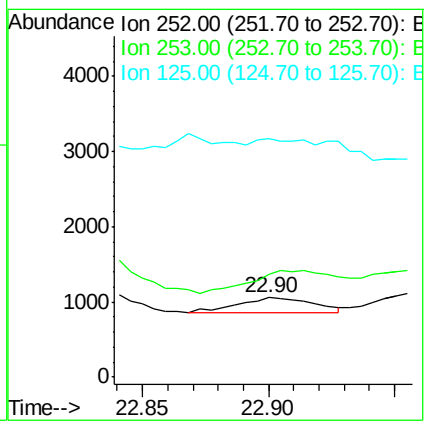


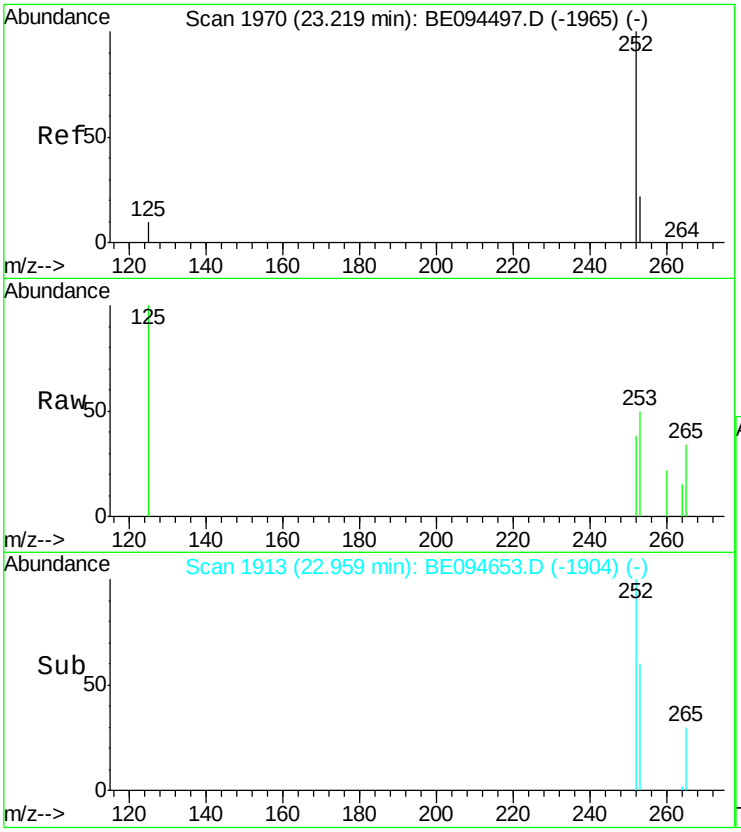


#35
Benzo(b)fluoranthene
Concen: 12.20 ng
RT: 22.90 min Scan# 1900
Delta R.T. -0.27 min
Lab File: BE094653.D
Acq: 30 Oct 2017 21:14

Tgt Ion:252 Resp: 434

Ion	Ratio	Lower	Upper
252	100		
253	129.0	48.0	72.0#
125	299.8	56.0	84.0#



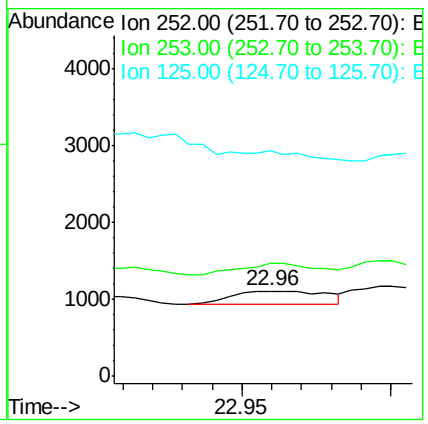


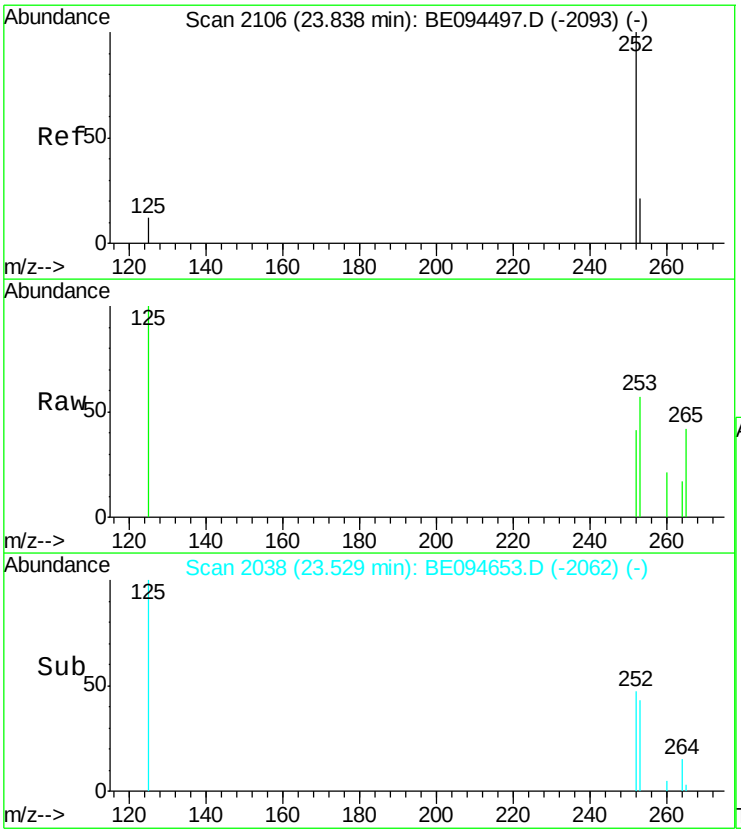
#36
Benzo(k)fluoranthene
Concen: 10.63 ng
RT: 22.96 min Scan# 1913
Delta R.T. -0.26 min
Lab File: BE094653.D
Acq: 30 Oct 2017 21:14

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 403

Ion	Ratio	Lower	Upper
252	100		
253	131.9	48.0	72.0#
125	264.2	56.0	84.0#

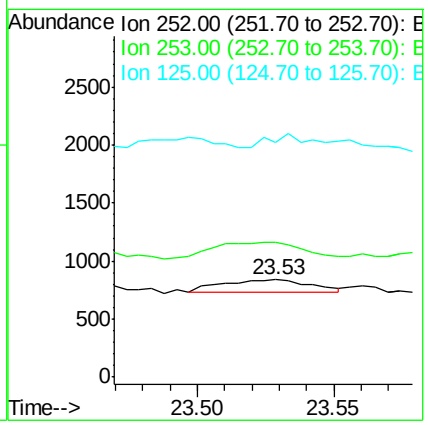


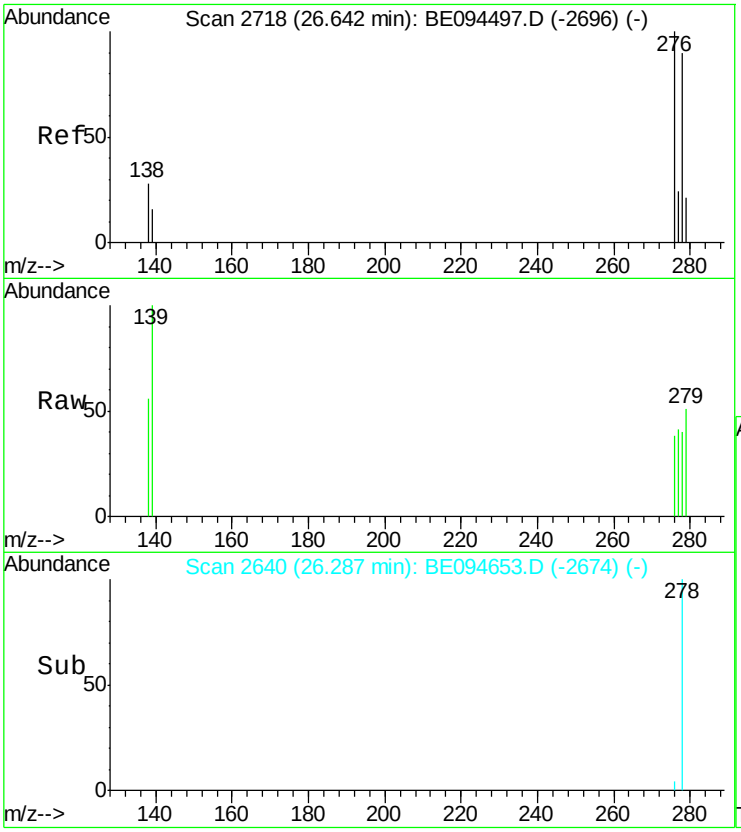


#37
Benzo(a)pyrene
Concen: 6.75 ng
RT: 23.53 min Scan# 2038
Delta R.T. -0.31 min
Lab File: BE094653.D
Acq: 30 Oct 2017 21:14

Tgt Ion:252 Resp: 233

Ion	Ratio	Lower	Upper
252	100		
253	138.6	52.0	78.0#
125	241.3	68.0	102.0#



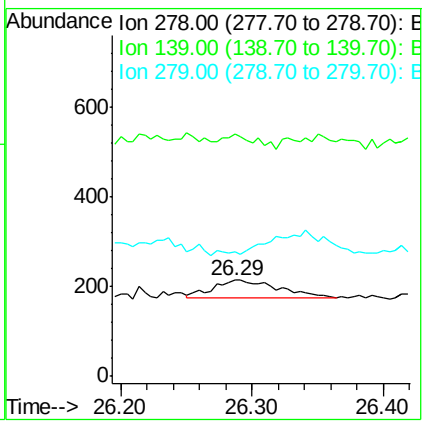


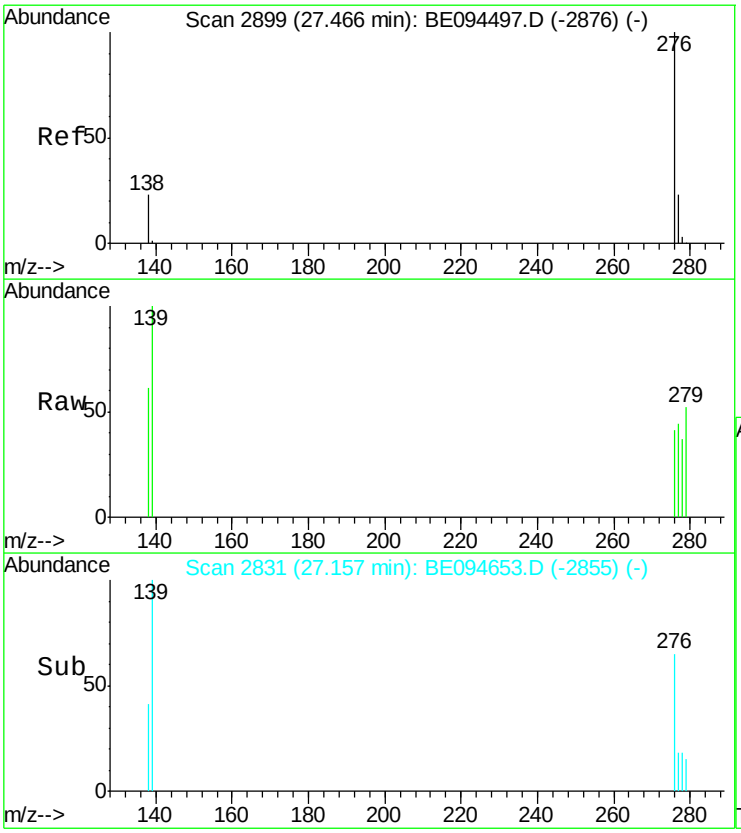
#38
Dibenzo(a,h)anthracene
Concen: 4.52 ng
RT: 26.29 min Scan# 2640
Delta R.T. -0.35 min
Lab File: BE094653.D
Acq: 30 Oct 2017 21:14

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:278 Resp: 140

Ion	Ratio	Lower	Upper
278	100		
139	252.8	56.0	84.0#
279	129.4	52.0	78.0#





#39
Benzo(g,h,i)perylene
Concen: 0.45 ng
RT: 27.16 min Scan# 2831
Delta R.T. -0.31 min
Lab File: BE094653.D
Acq: 30 Oct 2017 21:14

Tgt Ion:276 Resp: 13

Ion	Ratio	Lower	Upper
276	100		
277	109.2	52.0	78.0#
138	149.7	44.0	66.0#