Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE102317\
Data File : BE094503.D
Acq On : 23 Oct 2017 19:45
Operator : SJ/JU
Sample : PB103539BL
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : PB103539BL

Quant Time: Oct 23 22:29:01 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 19:31:26 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.92	152	1100	0.40	ng	0.01
7) Naphthalene-d8	10.74	136	5304	0.40	ng	0.03
13) Acenaphthene-d10	14.54	164	3500	0.40	ng	0.03
19) Phenanthrene-d10	17.27	188	9159	0.40	ng	0.03
27) Chrysene-d12	21.44	240	8805	0.40	ng	0.01
34) Perylene-d12	23.95	264	8426	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.53	112	1098	0.29	ng	0.00
5) Phenol-d6	7.20	99	1332	0.23	ng	0.06
8) Nitrobenzene-d5	9.14	82	1020	0.24	ng	0.07
11) 2-Methylnaphthalene-d10	12.34	152	2772	0.33	ng	0.05
14) 2,4,6-Tribromophenol	16.10	330	178	0.18	ng	0.07
15) 2-Fluorobiphenyl	13.19	172	3560	0.29	ng	0.05
25) Fluoranthene-d10	19.30	212	31993	0.26	ng	0.01
29) Terphenyl-d14	19.87	244	4977	0.30	ng	0.00
Target Compounds						Qvalue
3) n-Nitrosodimethylamine	3.85	42	29	0.02	ng	# 2
6) bis(2-Chloroethyl)ether	7.35	93	26	0.01	ng	# 27
9) Naphthalene	10.74	128	48	0.00	ng	# 45
10) Hexachlorobutadiene	10.99	225	10	0.00	ng	# 49
12) 2-Methylnaphthalene	12.39	142	1	0.00	ng	# 51
16) Acenaphthylene	14.27	152	9	0.00	ng	# 43
17) Acenaphthene	14.69	154	5	0.00	ng	# 5
18) Fluorene	15.64	166	10	0.00	ng	# 1
20) 4-Bromophenyl-phenylether	16.58	248	14	0.00	ng	# 47
21) Hexachlorobenzene	16.58	284	6	0.00	ng	# 38
22) Pentachlorophenol	17.17	266	12	0.02	ng	94
23) Phenanthrene	17.30	178	49	Below Cal		# 61
24) Anthracene	17.56	178	25	0.00	ng	# 1
26) Fluoranthene	19.33	202	41	Below Cal		# 64
28) Pyrene	19.68	202	29	0.00	ng	# 84
30) Benzo(a)anthracene	21.43	228	49	0.00	ng	# 40
31) Chrysene	21.43	228	49	0.00	ng	# 40
32) Bis(2-ethylhexyl)phthalate	21.29	149	436	0.01	ng	# 98
33) Indeno(1,2,3-cd)pyrene	26.65	276	14	0.00	ng	# 41
35) Benzo(b)fluoranthene	23.19	252	69	0.00	ng	# 35
36) Benzo(k)fluoranthene	23.23	252	34	0.00	ng	# 12
37) Benzo(a)pyrene	23.84	252	10	0.00	ng	# 23
38) Dibenzo(a,h)anthracene	26.65	278	17	0.00	ng	# 28
39) Benzo(g,h,i)perylene	27.47	276	7	0.00	ng	# 39

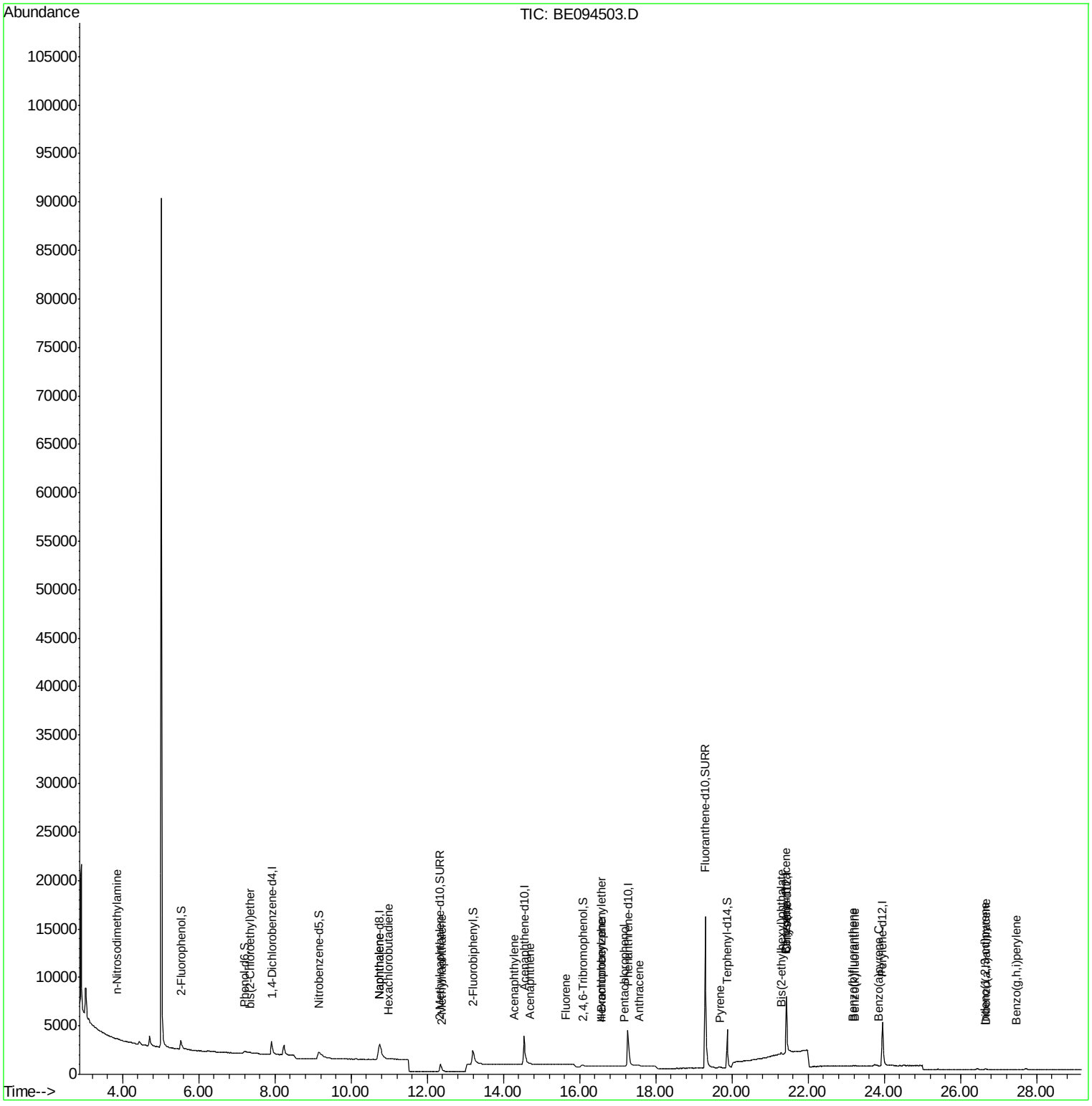
(#) = qualifier out of range (m) = manual integration (+) = signals summed

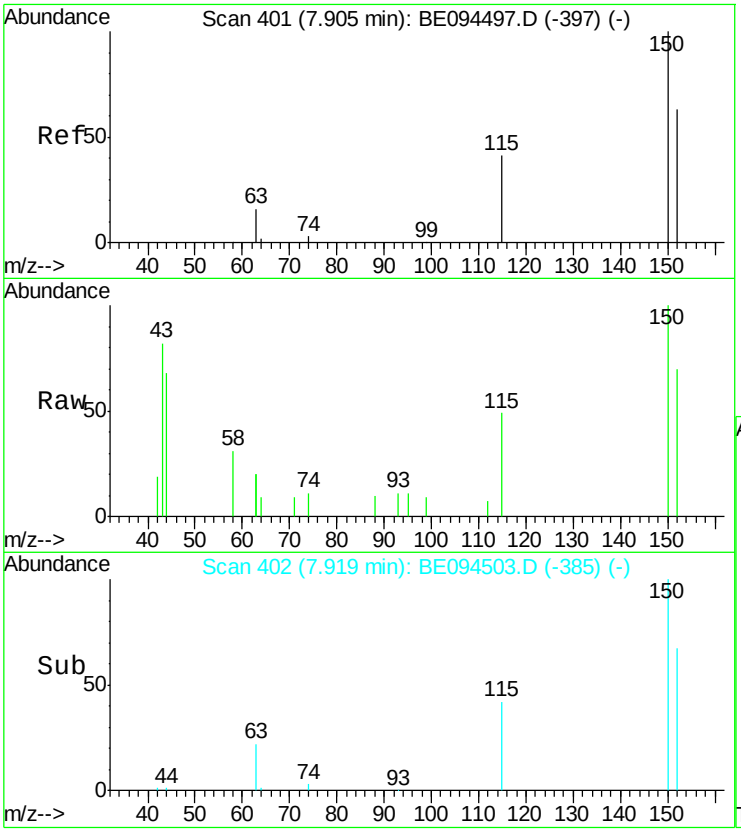
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE102317\
Data File : BE094503.D
Acq On : 23 Oct 2017 19:45
Operator : SJ/JU
Sample : PB103539BL
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
PB103539BL

Quant Time: Oct 23 22:29:01 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 19:31:26 2017
Response via : Initial Calibration



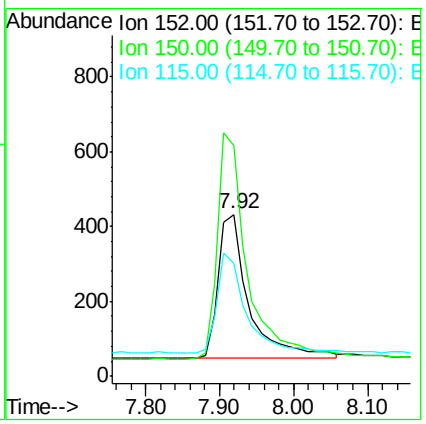


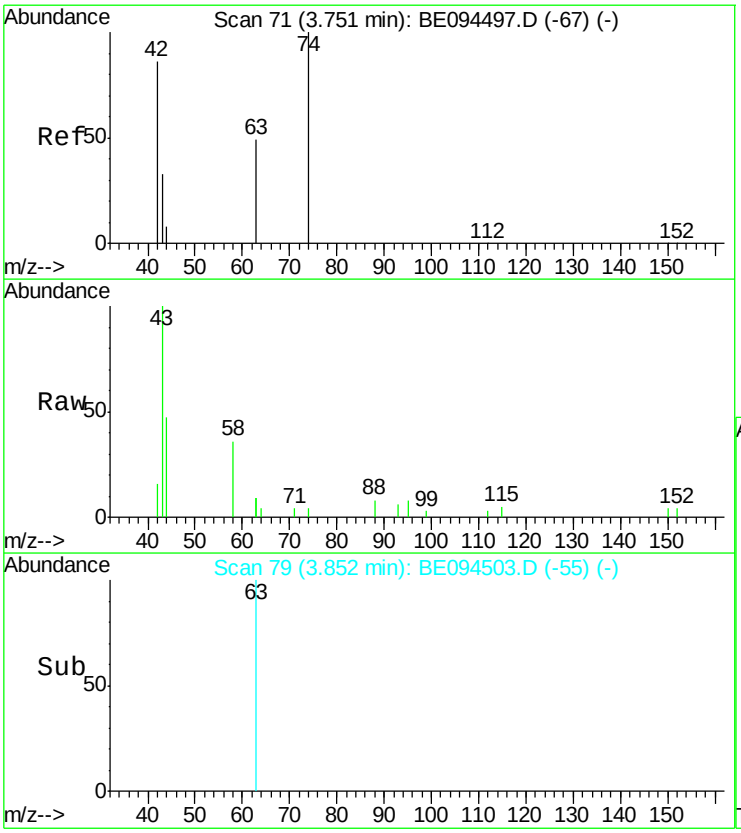
#1
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.92 min Scan# 402
Delta R.T. 0.01 min
Lab File: BE094503.D
Acq: 23 Oct 2017 19:45

Instrument :
BNA_E
ClientSampleId :
PB103539BL

Tgt Ion:152 Resp: 1100

Ion	Ratio	Lower	Upper
152	100		
150	142.6	117.2	175.8
115	69.9	57.0	85.6

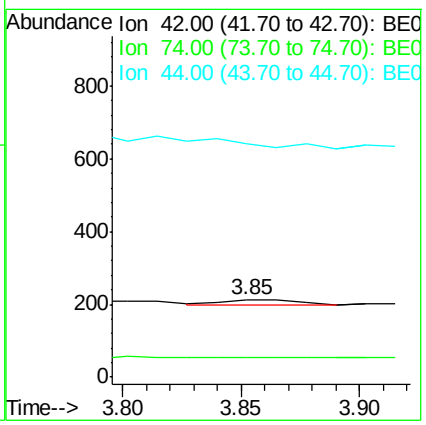


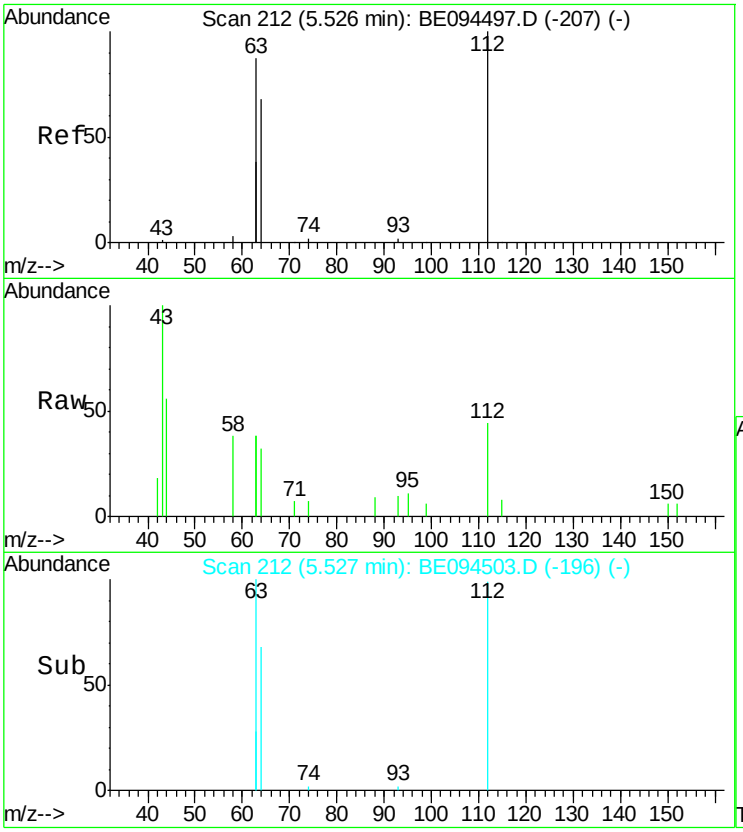


#3
n-Nitrosodimethylamine
Concen: 0.02 ng
RT: 3.85 min Scan# 79
Delta R.T. 0.10 min
Lab File: BE094503.D
Acq: 23 Oct 2017 19:45

Tgt Ion: 42 Resp: 29

Ion	Ratio	Lower	Upper
42	100		
74	3.4	100.3	150.5#
44	0.0	17.0	25.4#



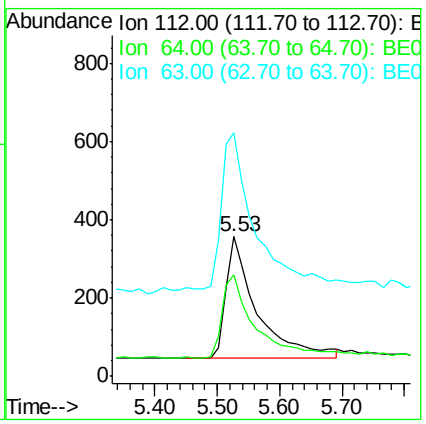


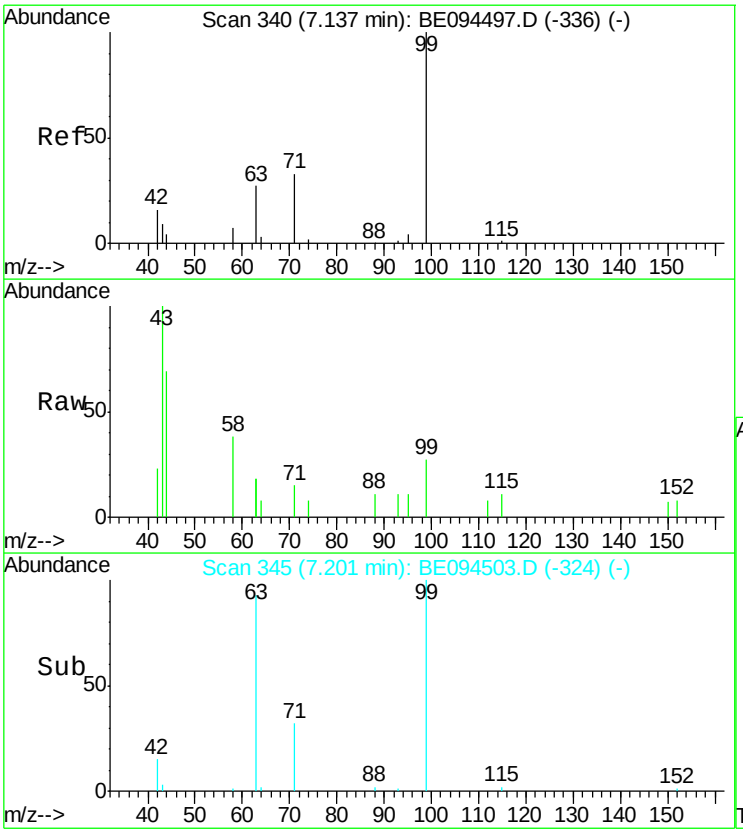
#4
2-Fluorophenol
Concen: 0.29 ng
RT: 5.53 min Scan# 212
Delta R.T. 0.00 min
Lab File: BE094503.D
Acq: 23 Oct 2017 19:45

Instrument :
BNA_E
ClientSampleId :
PB103539BL

Tgt Ion:112 Resp: 1098

Ion	Ratio	Lower	Upper
112	100		
64	72.1	60.1	90.1
63	141.4	116.8	175.2

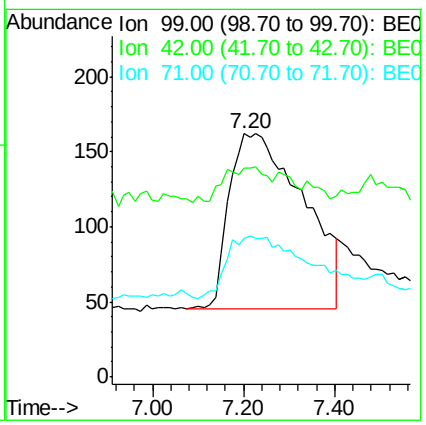


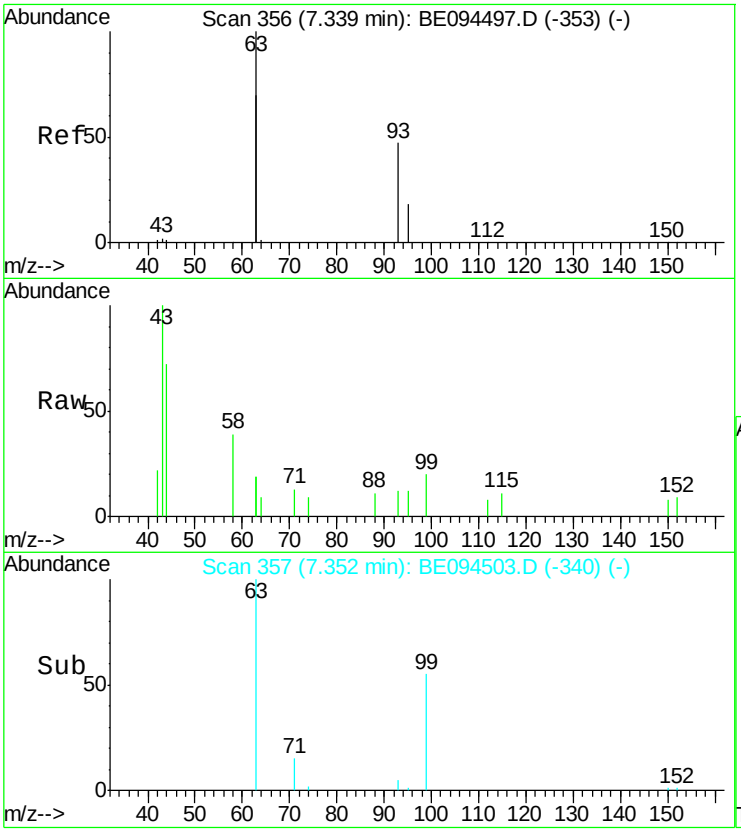


#5
Phenol-d6
Concen: 0.23 ng
RT: 7.20 min Scan# 345
Delta R.T. 0.06 min
Lab File: BE094503.D
Acq: 23 Oct 2017 19:45

Tgt Ion: 99 Resp: 1332

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



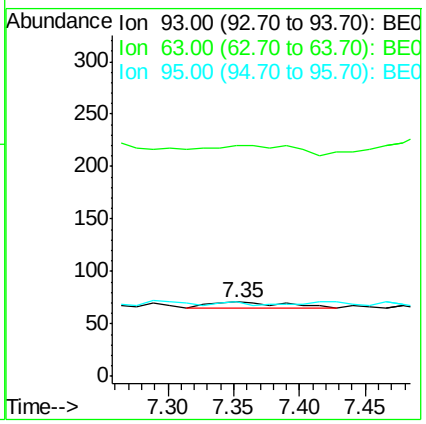


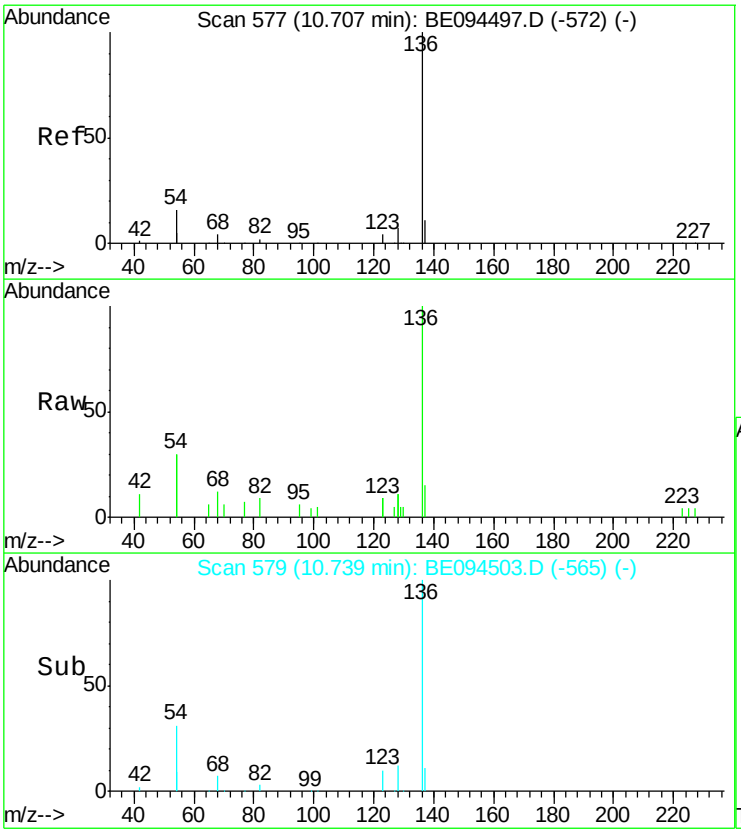
#6
bis(2-Chloroethyl)ether
Concen: 0.01 ng
RT: 7.35 min Scan# 357
Delta R.T. 0.01 min
Lab File: BE094503.D
Acq: 23 Oct 2017 19:45

Instrument :
BNA_E
ClientSampleId :
PB103539BL

Tgt Ion: 93 Resp: 26

Ion	Ratio	Lower	Upper
93	100		
63	173.1	275.3	412.9#
95	30.8	25.2	37.8

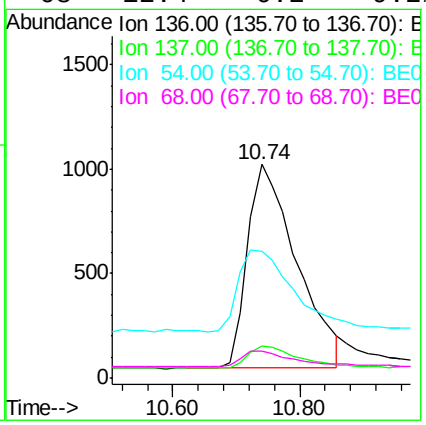


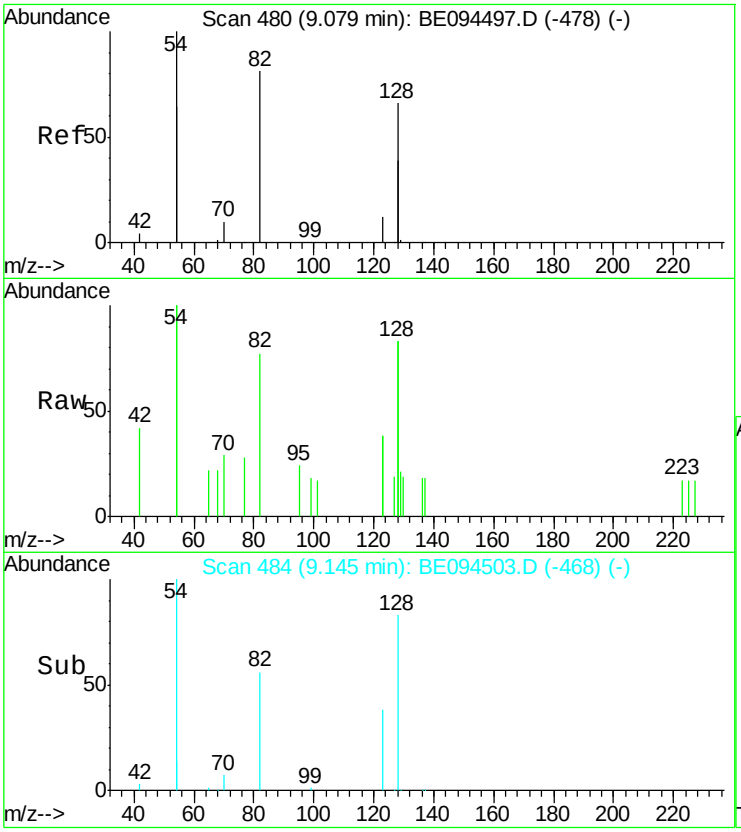


#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.74 min Scan# 579
Delta R.T. 0.03 min
Lab File: BE094503.D
Acq: 23 Oct 2017 19:45

Tgt Ion:136 Resp: 5304

Ion	Ratio	Lower	Upper
136	100		
137	15.2	9.5	14.3#
54	59.6	29.1	43.7#
68	12.4	6.2	9.2#



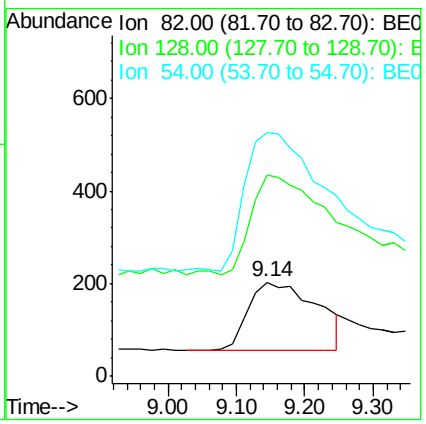


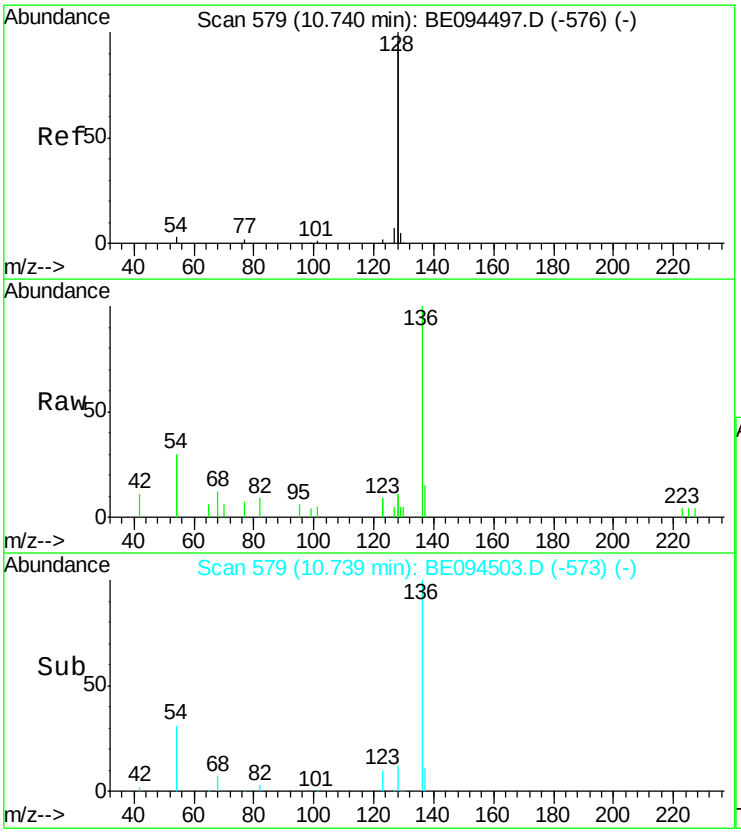
#8
Nitrobenzene-d5
Concen: 0.24 ng
RT: 9.14 min Scan# 484
Delta R.T. 0.07 min
Lab File: BE094503.D
Acq: 23 Oct 2017 19:45

Instrument :
BNA_E
ClientSampleId :
PB103539BL

Tgt Ion: 82 Resp: 1020

Ion	Ratio	Lower	Upper
82	100		
128	213.8	150.0	225.0
54	259.1	154.2	231.4#

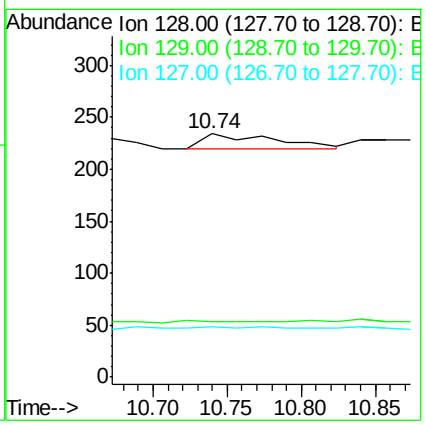


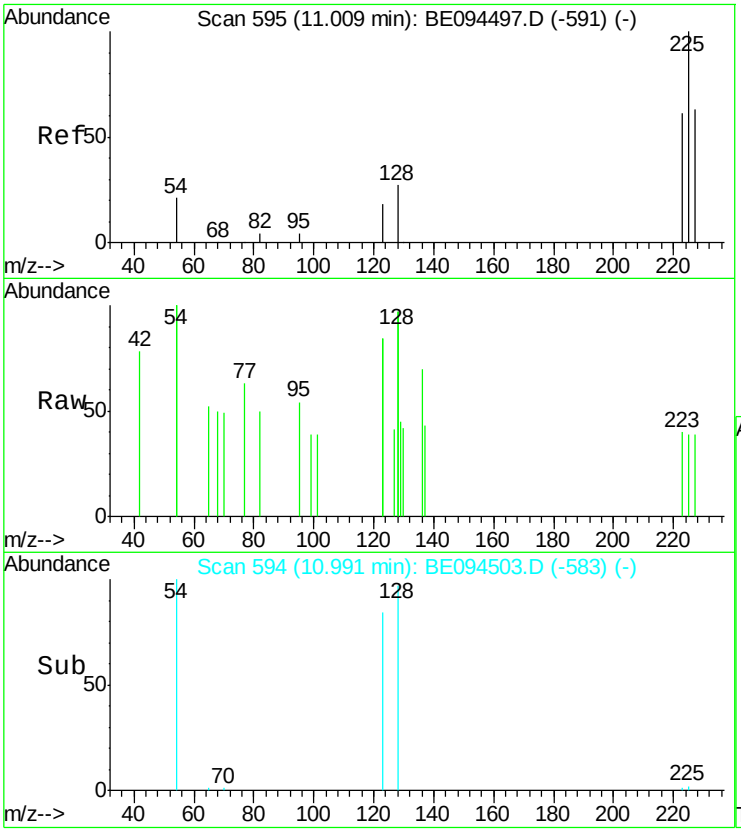


#9
Naphthalene
Concen: 0.00 ng
RT: 10.74 min Scan# 579
Delta R.T. -0.00 min
Lab File: BE094503.D
Acq: 23 Oct 2017 19:45

Tgt Ion:128 Resp: 48

Ion	Ratio	Lower	Upper
128	100		
129	22.6	2.6	3.8#
127	20.5	2.8	4.2#



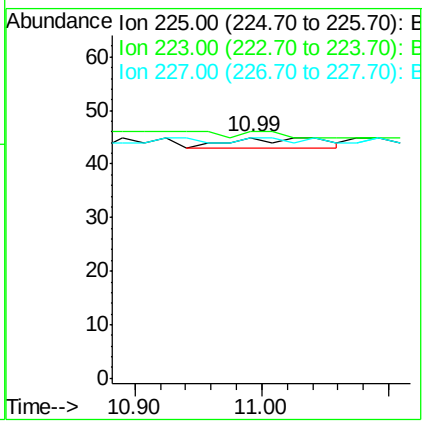


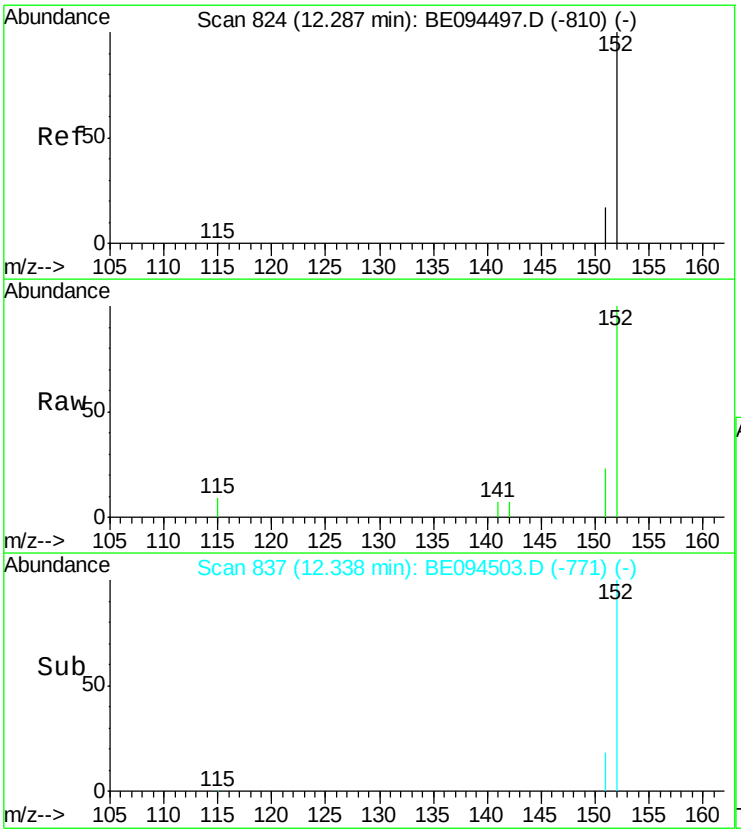
#10
Hexachlorobutadiene
Concen: 0.00 ng
RT: 10.99 min Scan# 594
Delta R.T. -0.02 min
Lab File: BE094503.D
Acq: 23 Oct 2017 19:45

Instrument :
BNA_E
ClientSampleId :
PB103539BL

Tgt Ion:225 Resp: 10

Ion	Ratio	Lower	Upper
225	100		
223	20.0	53.0	79.6#
227	30.0	51.4	77.2#

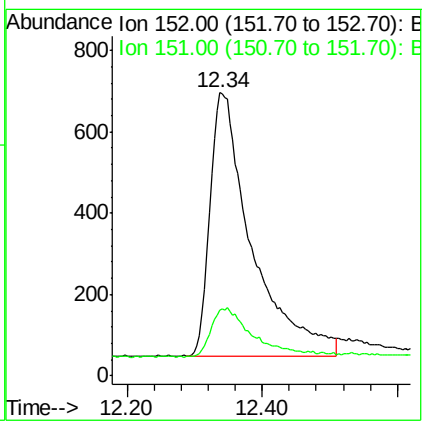


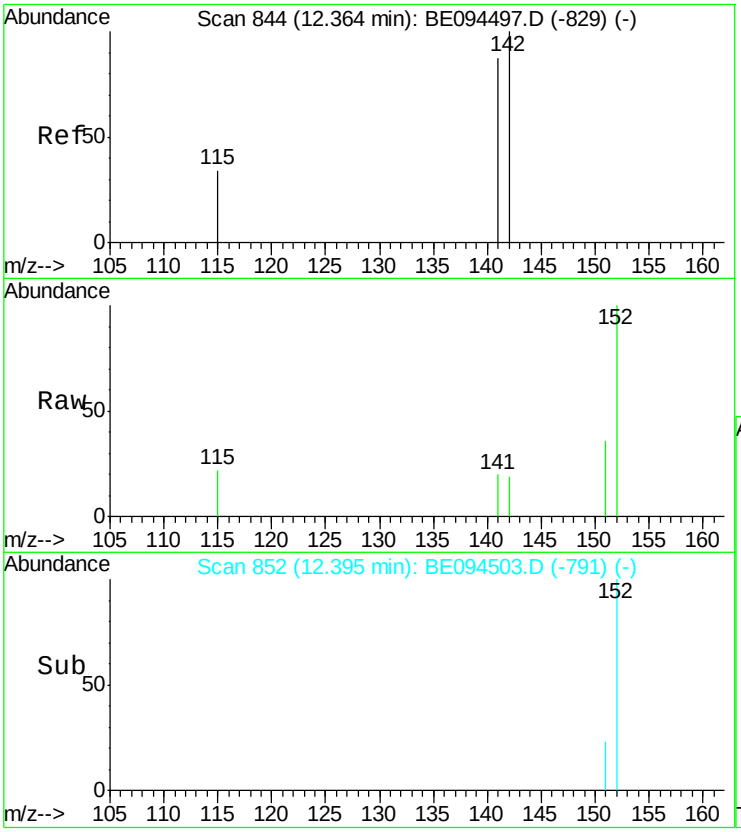


#11
2-Methylnaphthalene-d10
Concen: 0.33 ng
RT: 12.34 min Scan# 837
Delta R.T. 0.05 min
Lab File: BE094503.D
Acq: 23 Oct 2017 19:45

Tgt Ion:152 Resp: 2772

Ion	Ratio	Lower	Upper
152	100		
151	18.2	15.4	23.0



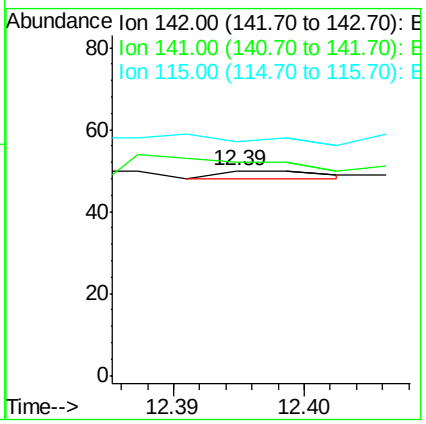


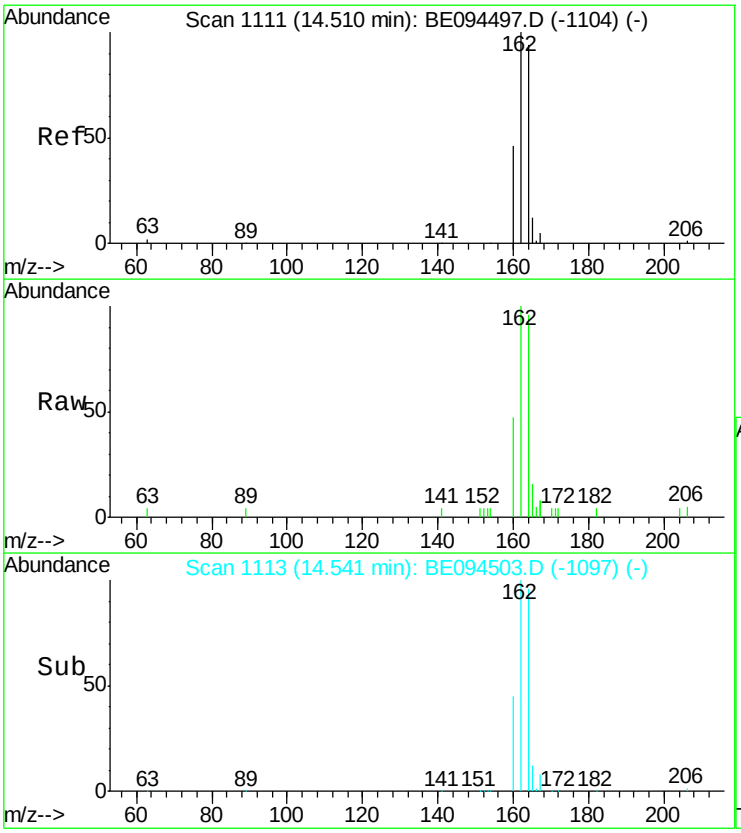
#12
2-Methylnaphthalene
Concen: 0.00 ng
RT: 12.39 min Scan# 852
Delta R.T. 0.03 min
Lab File: BE094503.D
Acq: 23 Oct 2017 19:45

Instrument :
BNA_E
ClientSampleId :
PB103539BL

Tgt Ion:142 Resp: 1

Ion	Ratio	Lower	Upper
142	100		
141	104.0	70.4	105.6
115	114.0	31.7	47.5#

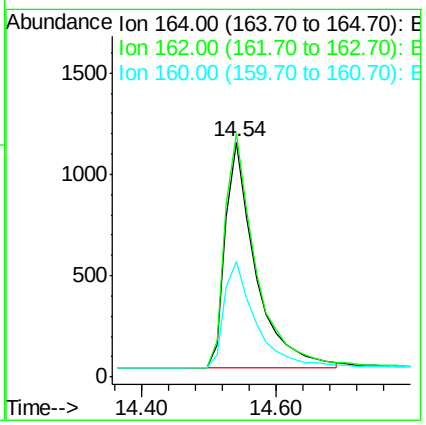


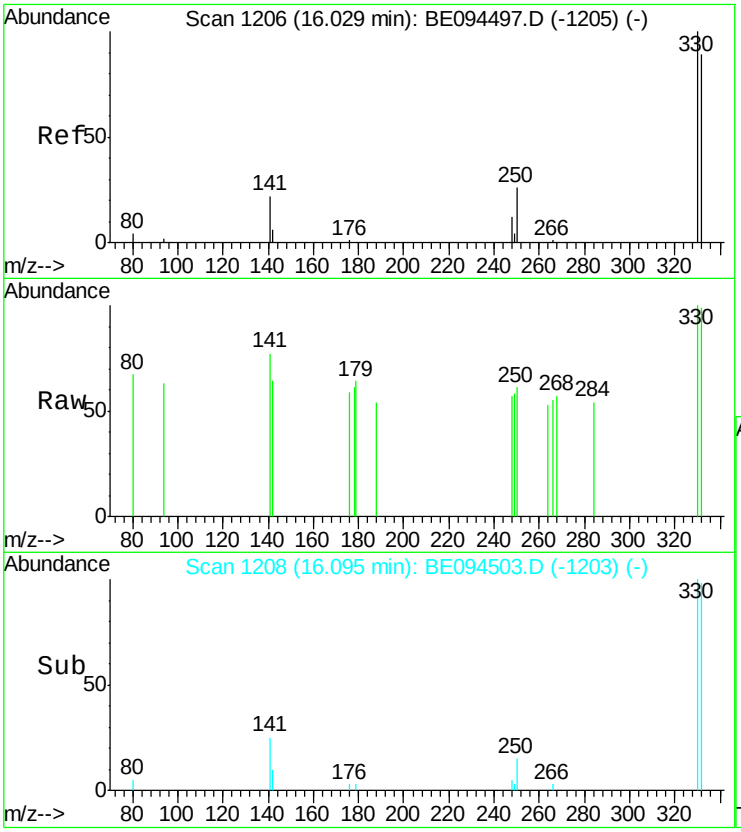


#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.54 min Scan# 1113
Delta R.T. 0.03 min
Lab File: BE094503.D
Acq: 23 Oct 2017 19:45

Tgt Ion:164 Resp: 3500

Ion	Ratio	Lower	Upper
164	100		
162	103.7	83.1	124.7
160	49.2	37.1	55.7



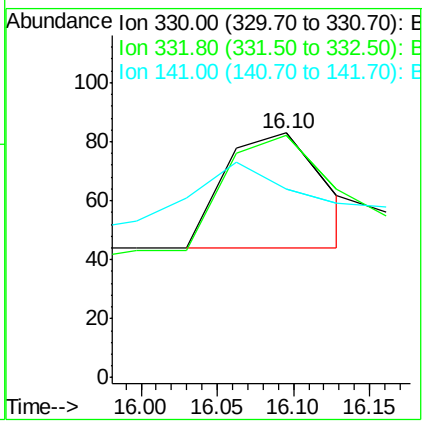


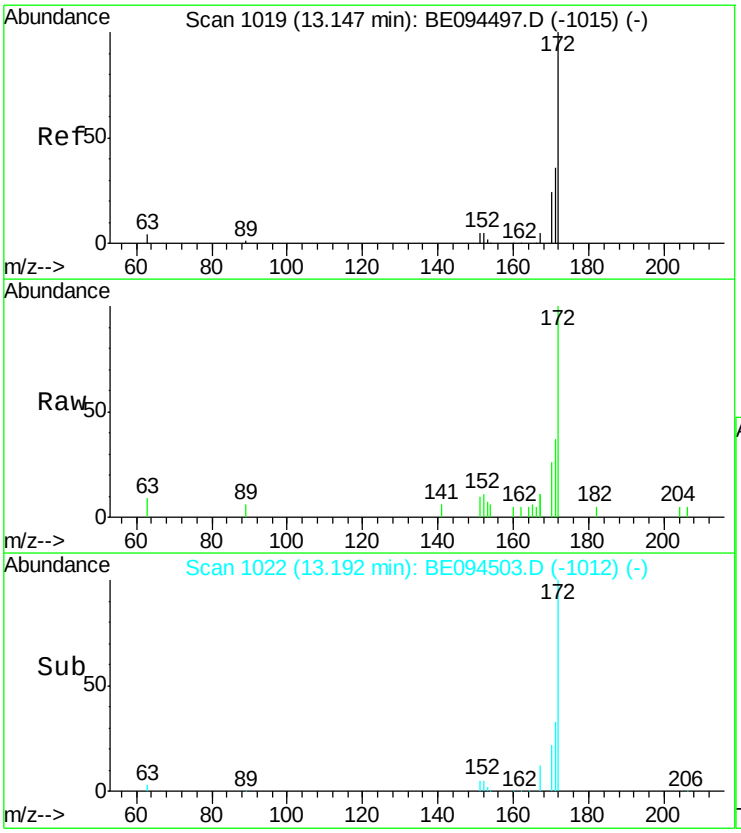
#14
2,4,6-Tribromophenol
Concen: 0.18 ng
RT: 16.10 min Scan# 1208
Delta R.T. 0.07 min
Lab File: BE094503.D
Acq: 23 Oct 2017 19:45

Instrument :
BNA_E
ClientSampleId :
PB103539BL

Tgt Ion:330 Resp: 178

Ion	Ratio	Lower	Upper
330	100		
332	102.2	152.7	229.1#
141	0.0	33.7	50.5#

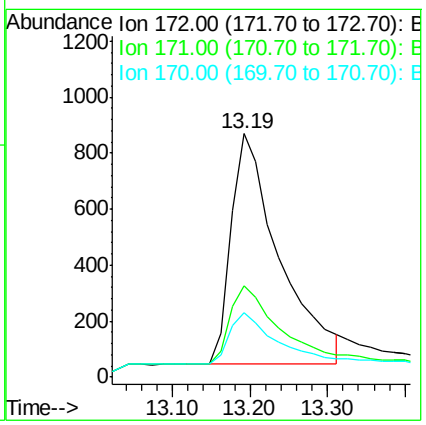


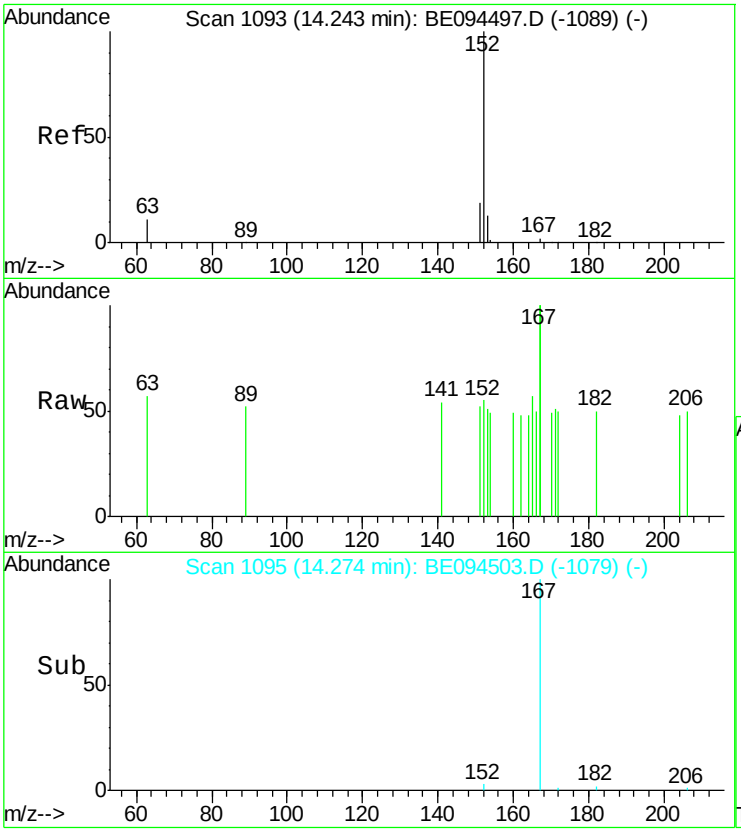


#15
2-Fluorobiphenyl
Concen: 0.29 ng
RT: 13.19 min Scan# 1022
Delta R.T. 0.05 min
Lab File: BE094503.D
Acq: 23 Oct 2017 19:45

Tgt Ion:172 Resp: 3560

Ion	Ratio	Lower	Upper
172	100		
171	37.3	29.9	44.9
170	26.5	21.8	32.8



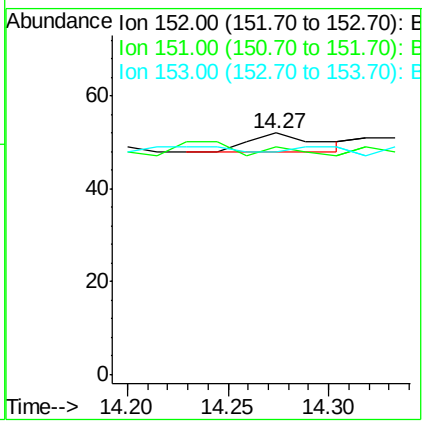


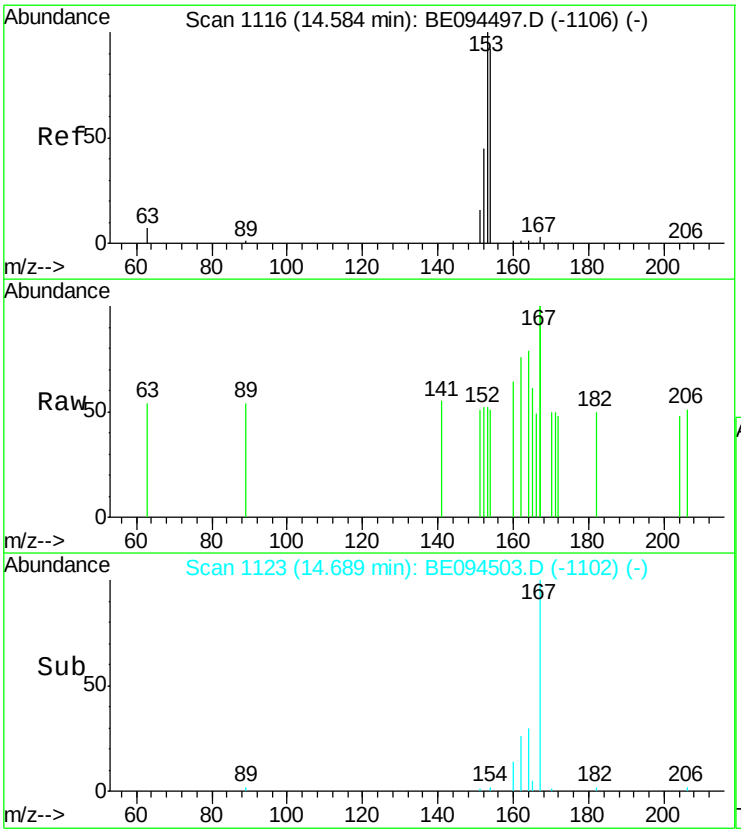
#16
Acenaphthylene
Concen: 0.00 ng
RT: 14.27 min Scan# 1095
Delta R.T. 0.03 min
Lab File: BE094503.D
Acq: 23 Oct 2017 19:45

Instrument :
BNA_E
ClientSampleId :
PB103539BL

Tgt Ion:152 Resp: 9

Ion	Ratio	Lower	Upper
152	100		
151	0.0	15.7	23.5#
153	44.4	10.5	15.7#

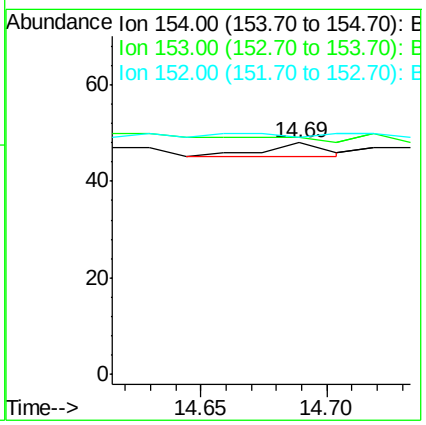


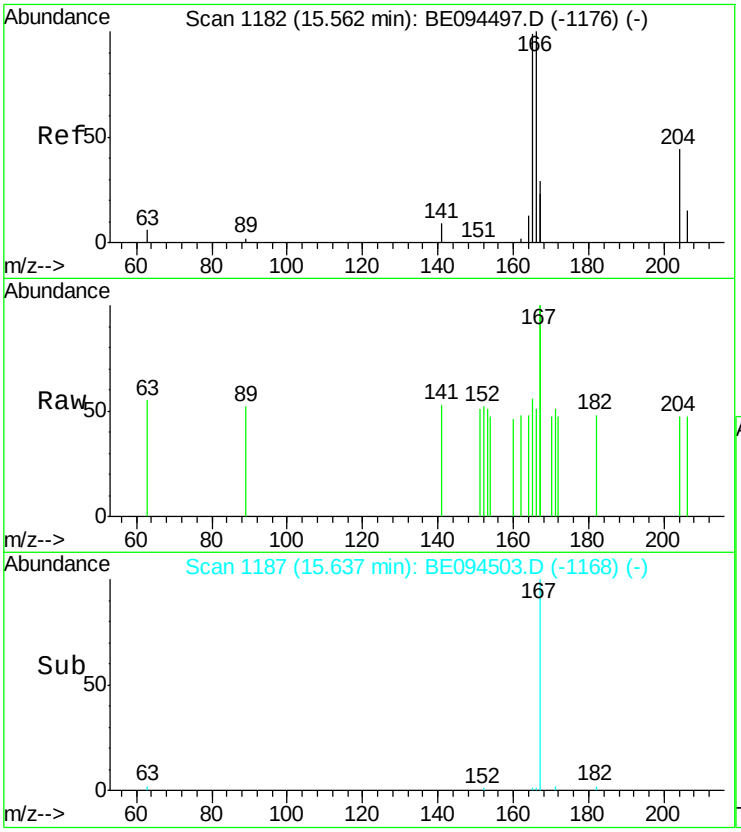


#17
Acenaphthene
Concen: 0.00 ng
RT: 14.69 min Scan# 1123
Delta R.T. 0.10 min
Lab File: BE094503.D
Acq: 23 Oct 2017 19:45

Tgt Ion:154 Resp: 5

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



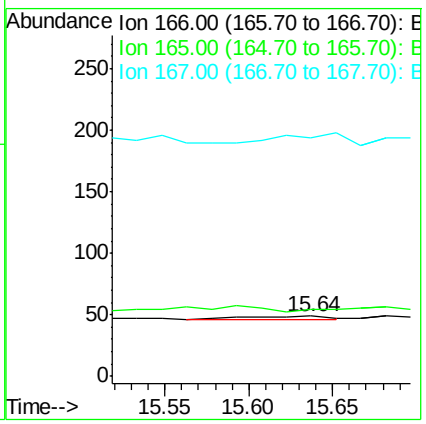


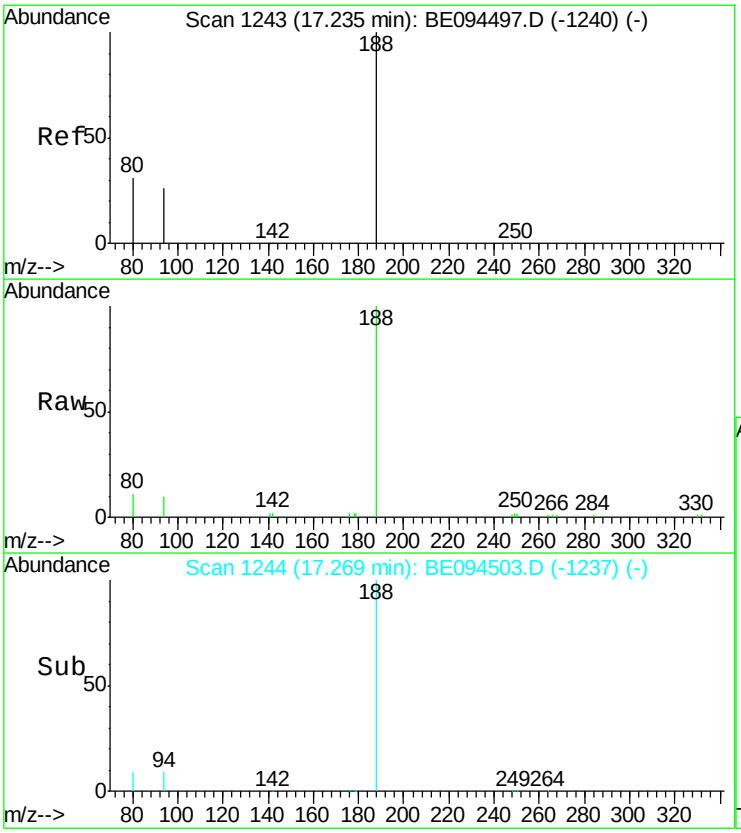
#18
Fluorene
Concen: 0.00 ng
RT: 15.64 min Scan# 1187
Delta R.T. 0.08 min
Lab File: BE094503.D
Acq: 23 Oct 2017 19:45

Instrument :
BNA_E
ClientSampleId :
PB103539BL

Tgt Ion:166 Resp: 10

Ion	Ratio	Lower	Upper
166	100		
165	0.0	77.8	116.6#
167	250.0	42.4	63.6#

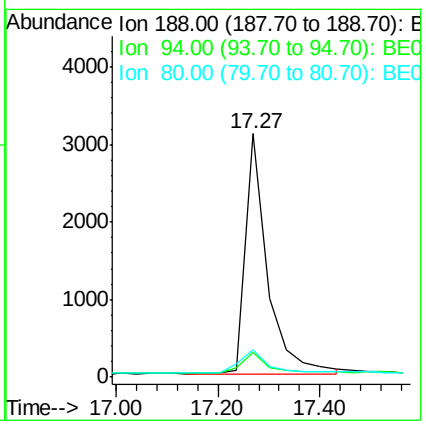


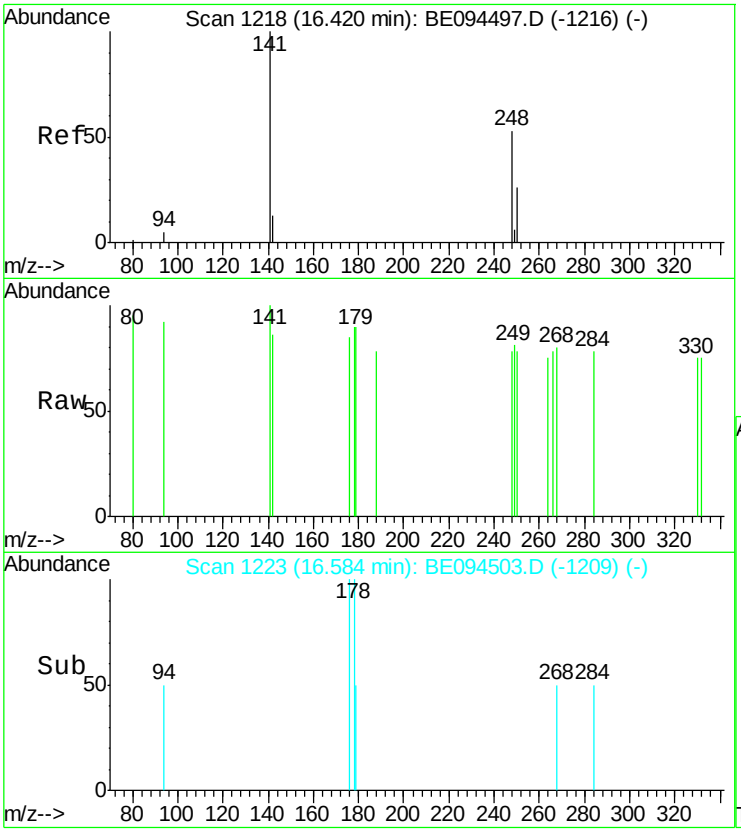


#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.27 min Scan# 1244
Delta R.T. 0.03 min
Lab File: BE094503.D
Acq: 23 Oct 2017 19:45

Tgt Ion:188 Resp: 9159

Ion	Ratio	Lower	Upper
188	100		
94	10.4	3.9	5.9#
80	11.0	3.6	5.4#



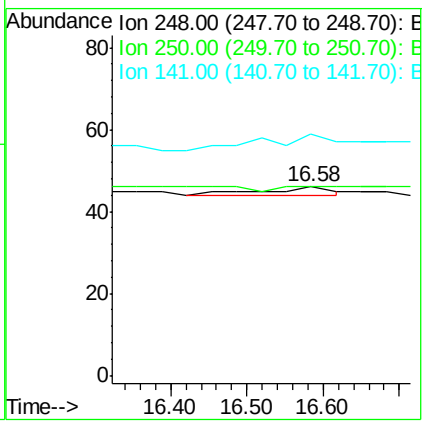


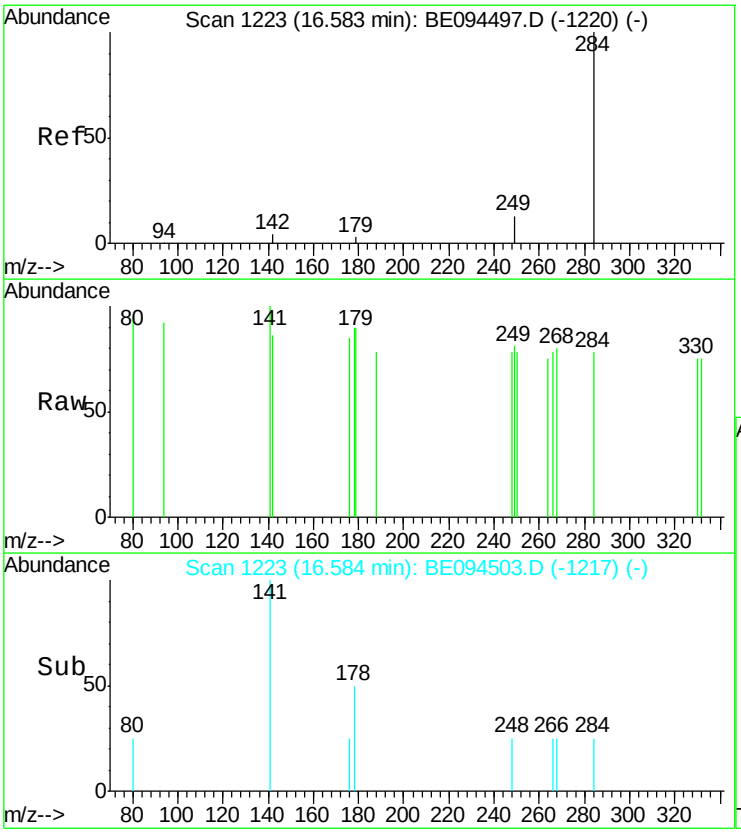
#20
4-Bromophenyl-phenylether
Concen: 0.00 ng
RT: 16.58 min Scan# 1223
Delta R.T. 0.16 min
Lab File: BE094503.D
Acq: 23 Oct 2017 19:45

Instrument :
BNA_E
ClientSampleId :
PB103539BL

Tgt Ion:248 Resp: 14

Ion	Ratio	Lower	Upper
248	100		
250	100.0	62.7	94.1#
141	128.3	48.2	72.2#

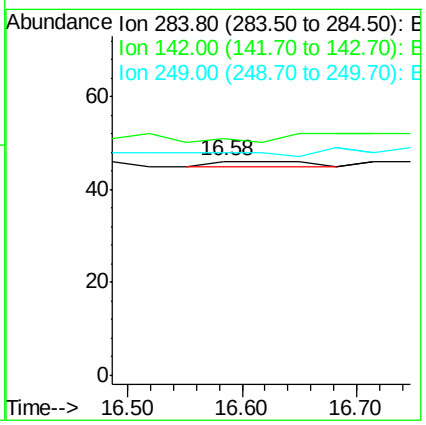


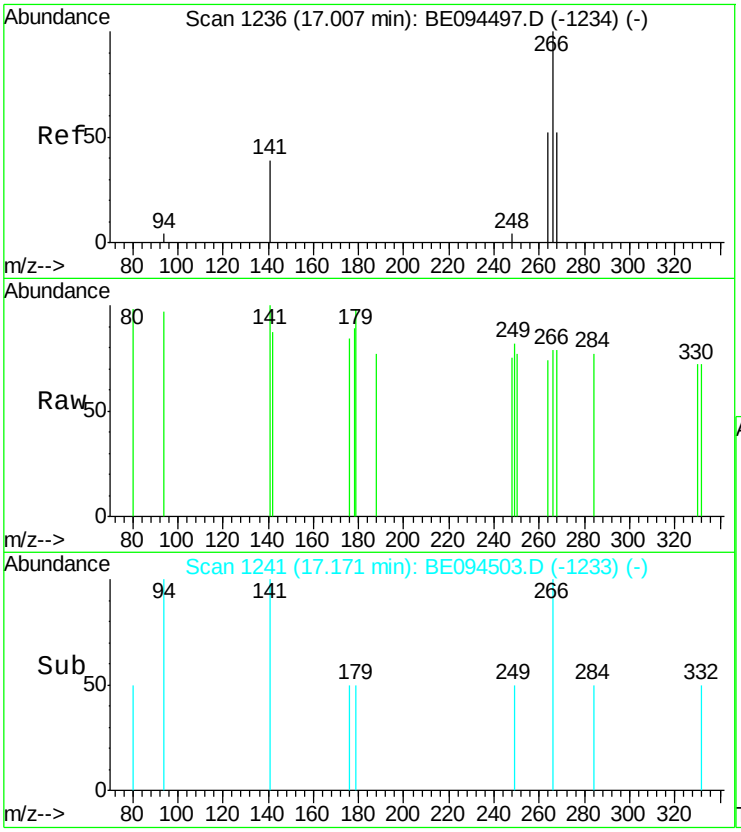


#21
Hexachlorobenzene
Concen: 0.00 ng
RT: 16.58 min Scan# 1223
Delta R.T. 0.00 min
Lab File: BE094503.D
Acq: 23 Oct 2017 19:45

Tgt Ion:284 Resp: 6

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



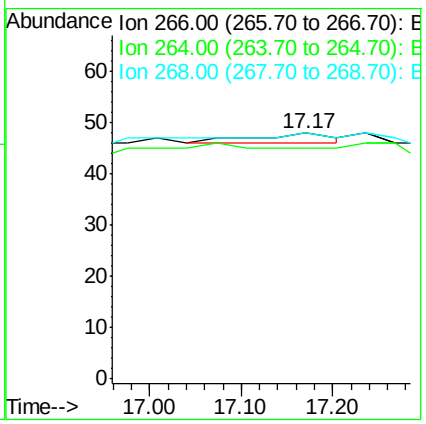


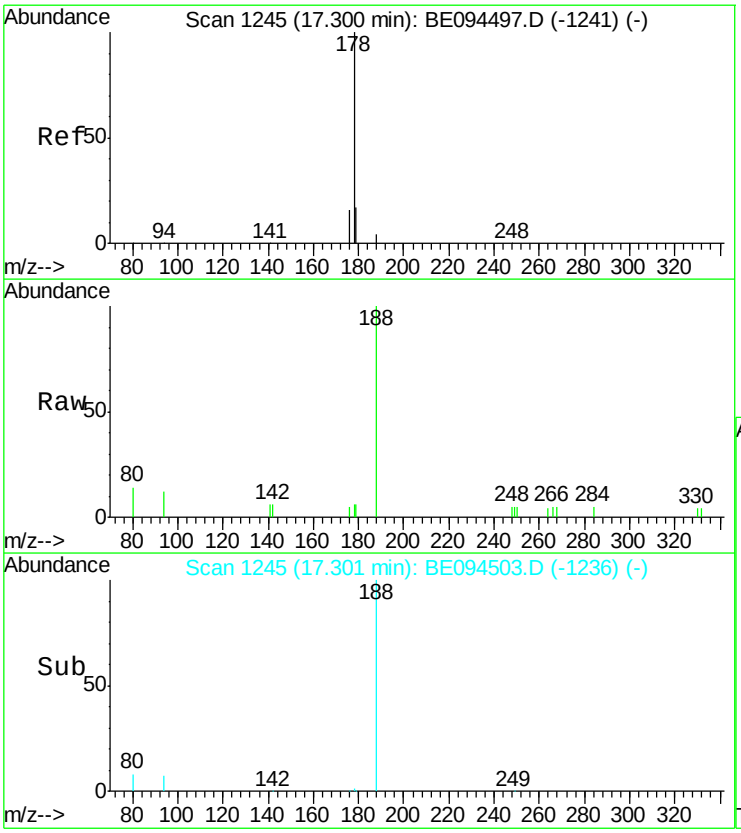
#22
Pentachlorophenol
Concen: 0.02 ng
RT: 17.17 min Scan# 1241
Delta R.T. 0.16 min
Lab File: BE094503.D
Acq: 23 Oct 2017 19:45

Instrument :
BNA_E
ClientSampleId :
PB103539BL

Tgt Ion:266 Resp: 12

Ion	Ratio	Lower	Upper
266	100		
264	93.8	72.5	108.7
268	100.0	73.8	110.6

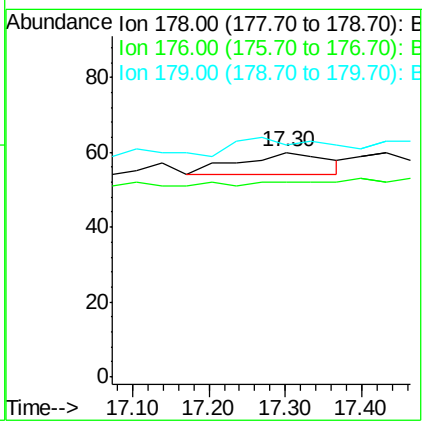


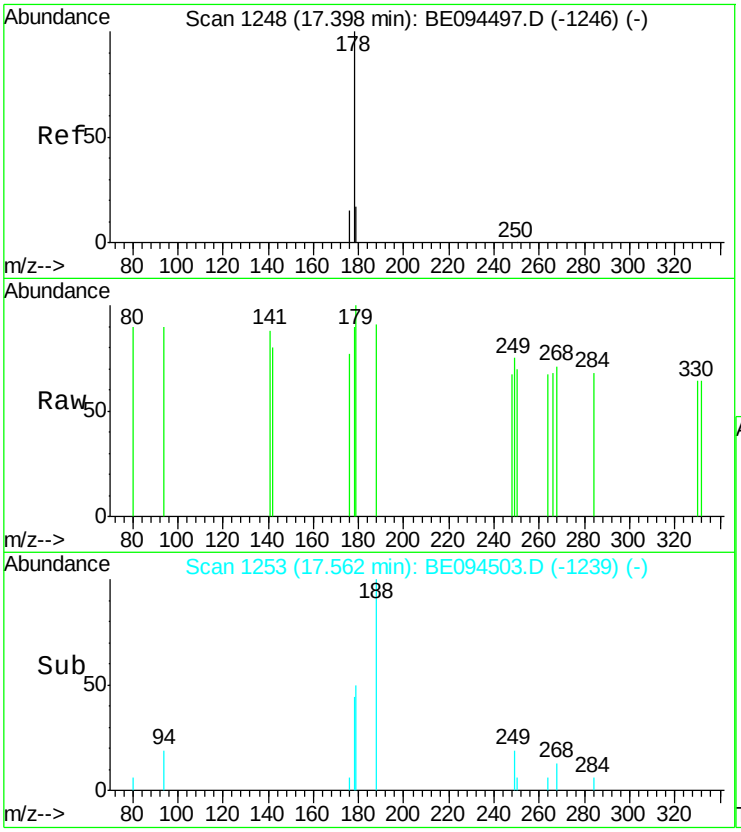


#23
Phenanthrene
Concen: Below Cal
RT: 17.30 min Scan# 1245
Delta R.T. 0.00 min
Lab File: BE094503.D
Acq: 23 Oct 2017 19:45

Tgt Ion:178 Resp: 49

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



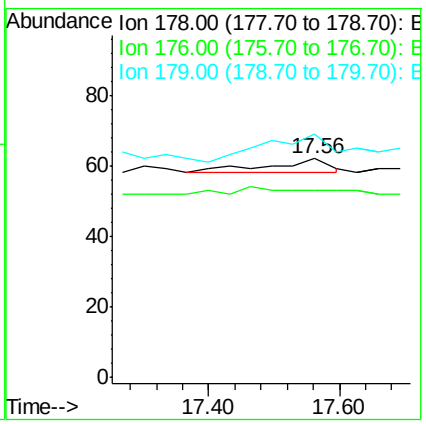


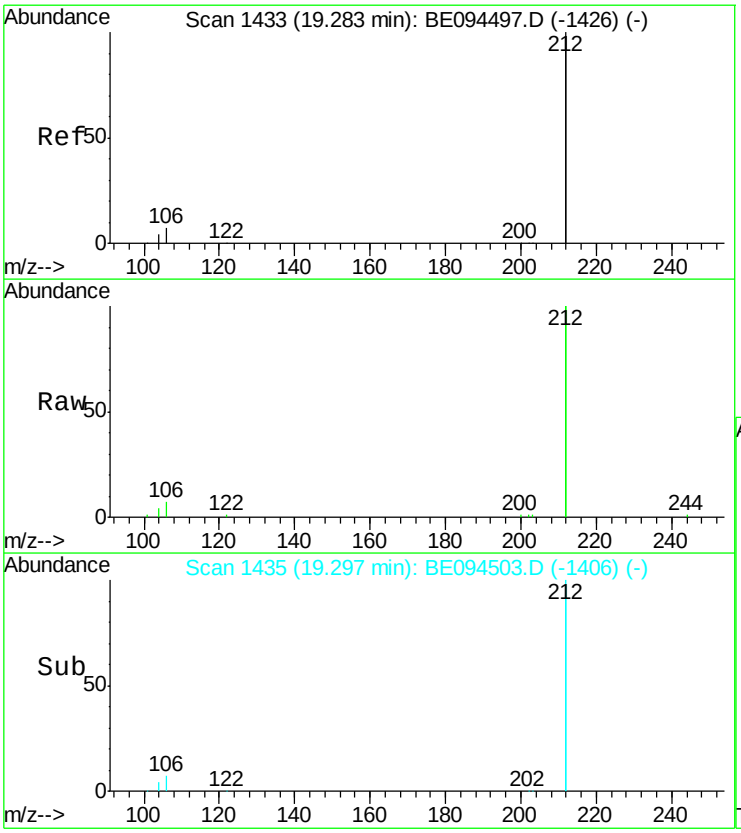
#24
Anthracene
Concen: 0.00 ng
RT: 17.56 min Scan# 1253
Delta R.T. 0.16 min
Lab File: BE094503.D
Acq: 23 Oct 2017 19:45

Instrument :
BNA_E
ClientSampleId :
PB103539BL

Tgt Ion:178 Resp: 25

Ion	Ratio	Lower	Upper
178	100		
176	0.0	12.8	19.2#
179	220.0	13.0	19.6#

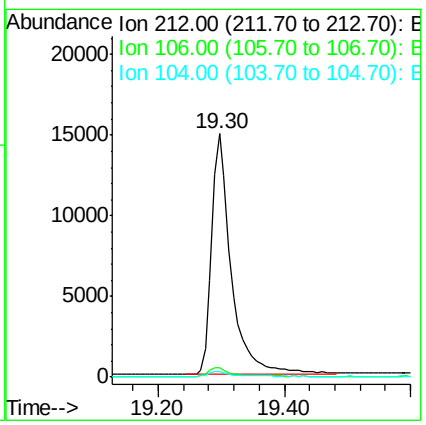


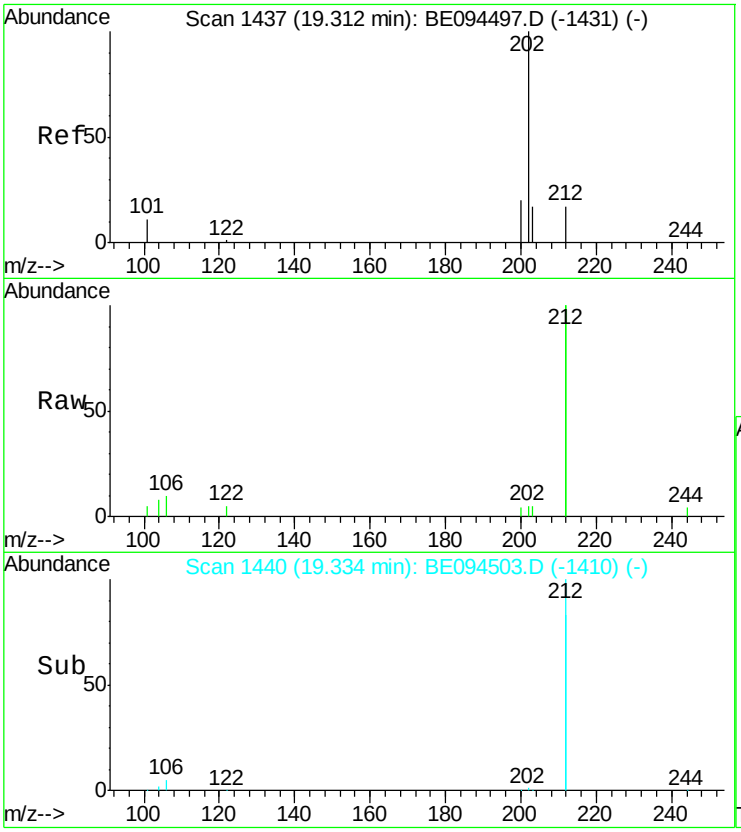


#25
Fluoranthene-d10
Concen: 0.26 ng
RT: 19.30 min Scan# 1435
Delta R.T. 0.01 min
Lab File: BE094503.D
Acq: 23 Oct 2017 19:45

Tgt Ion:212 Resp: 31993

Ion	Ratio	Lower	Upper
212	100		
106	3.6	2.8	4.2
104	2.0	1.6	2.4



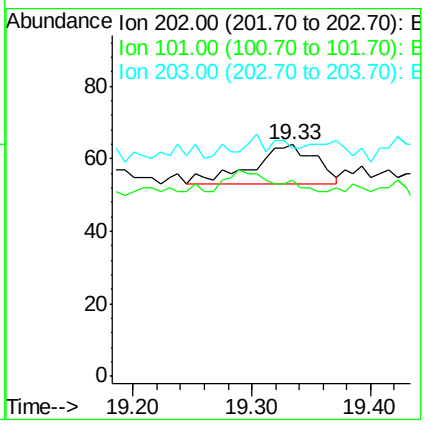


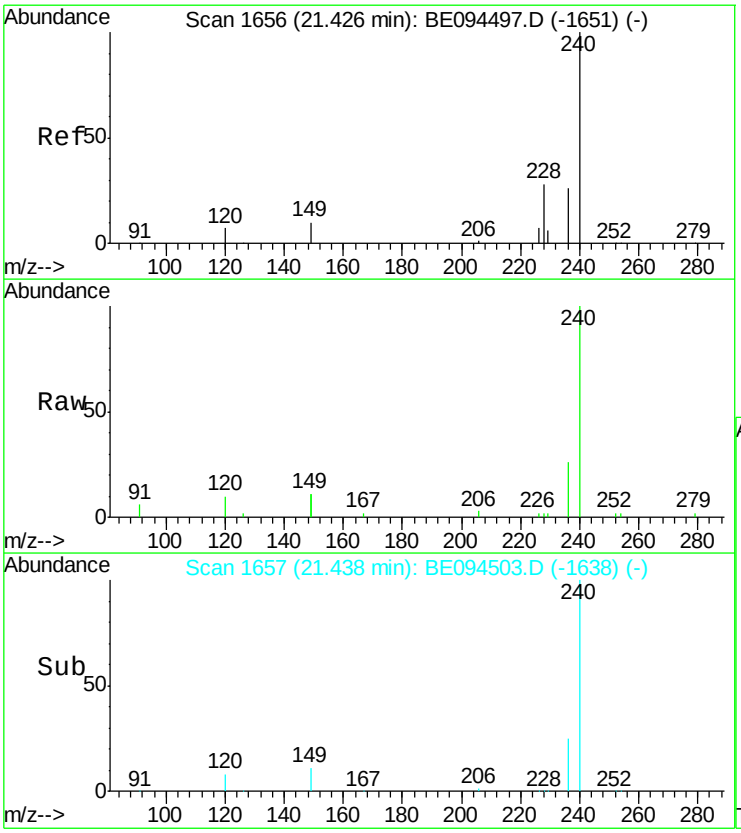
#26
Fluoranthene
Concen: Below Cal
RT: 19.33 min Scan# 1440
Delta R.T. 0.02 min
Lab File: BE094503.D
Acq: 23 Oct 2017 19:45

Instrument :
BNA_E
ClientSampleId :
PB103539BL

Tgt Ion:202 Resp: 41

Ion	Ratio	Lower	Upper
202	100		
101	0.0	9.8	14.8#
203	0.0	13.7	20.5#

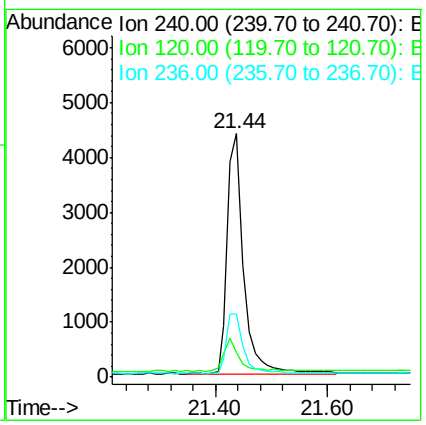


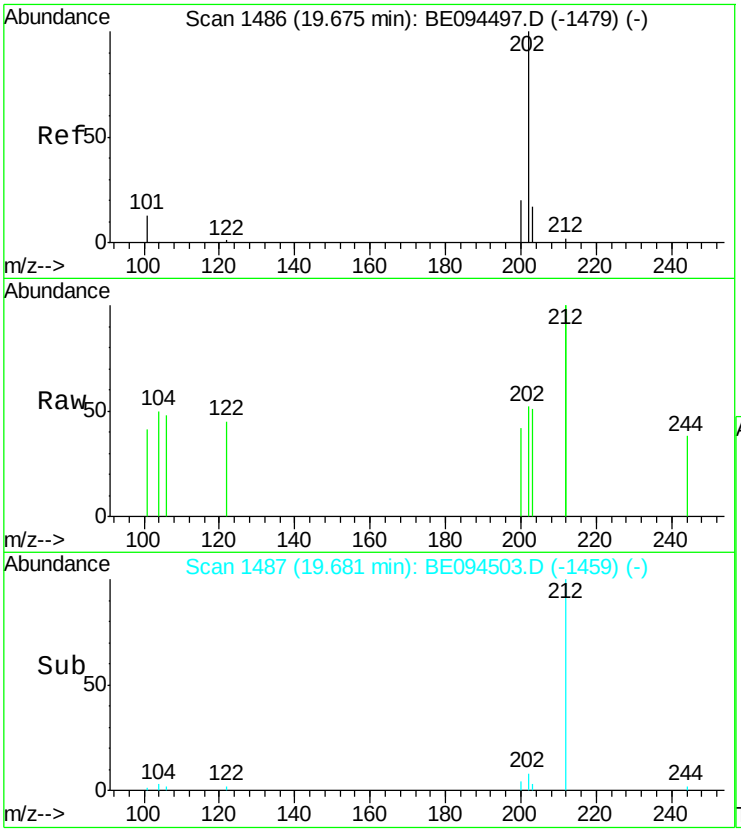


#27
Chrysene-d12
Concen: 0.40 ng
RT: 21.44 min Scan# 1657
Delta R.T. 0.01 min
Lab File: BE094503.D
Acq: 23 Oct 2017 19:45

Tgt Ion:240 Resp: 8805

Ion	Ratio	Lower	Upper
240	100		
120	10.0	5.5	8.3#
236	25.9	20.7	31.1



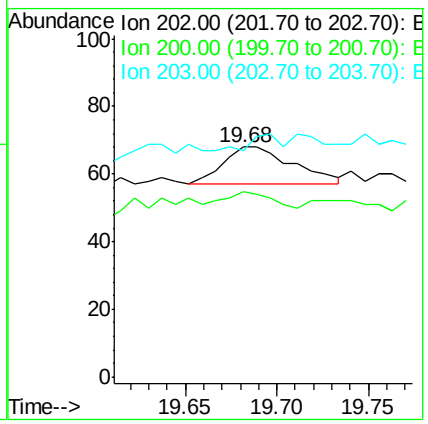


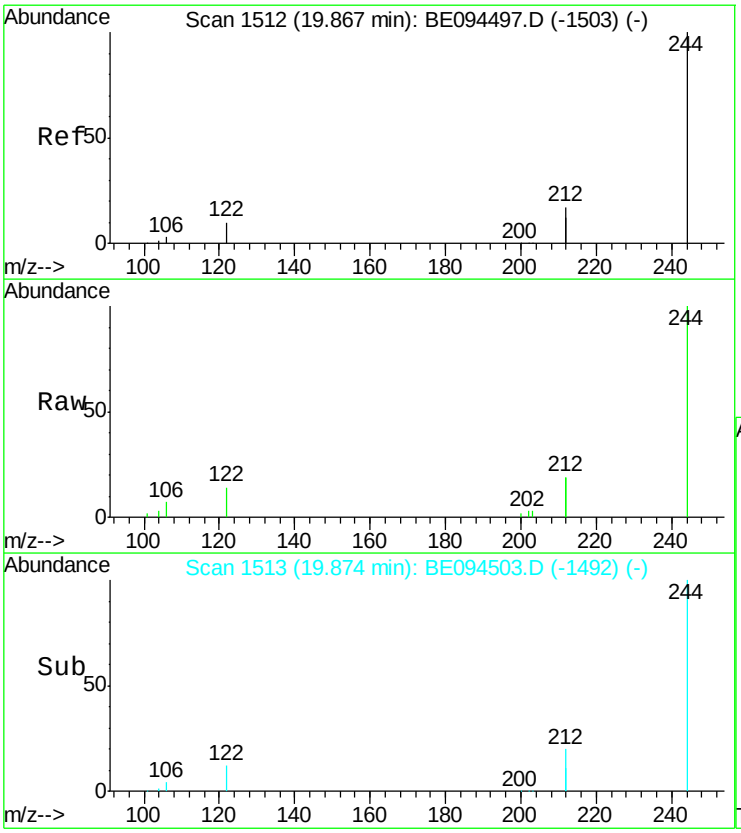
#28
Pyrene
Concen: 0.00 ng
RT: 19.68 min Scan# 1487
Delta R.T. 0.01 min
Lab File: BE094503.D
Acq: 23 Oct 2017 19:45

Instrument :
BNA_E
ClientSampleId :
PB103539BL

Tgt Ion:202 Resp: 29

Ion	Ratio	Lower	Upper
202	100		
200	34.5	16.6	25.0#
203	17.2	13.8	20.8

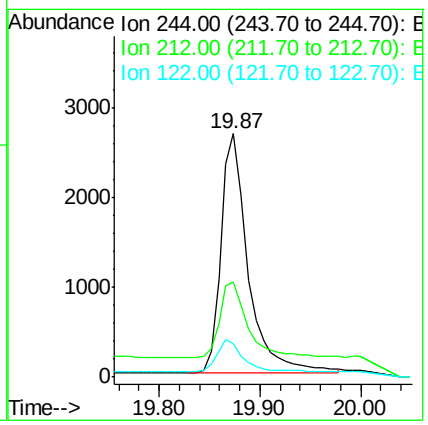


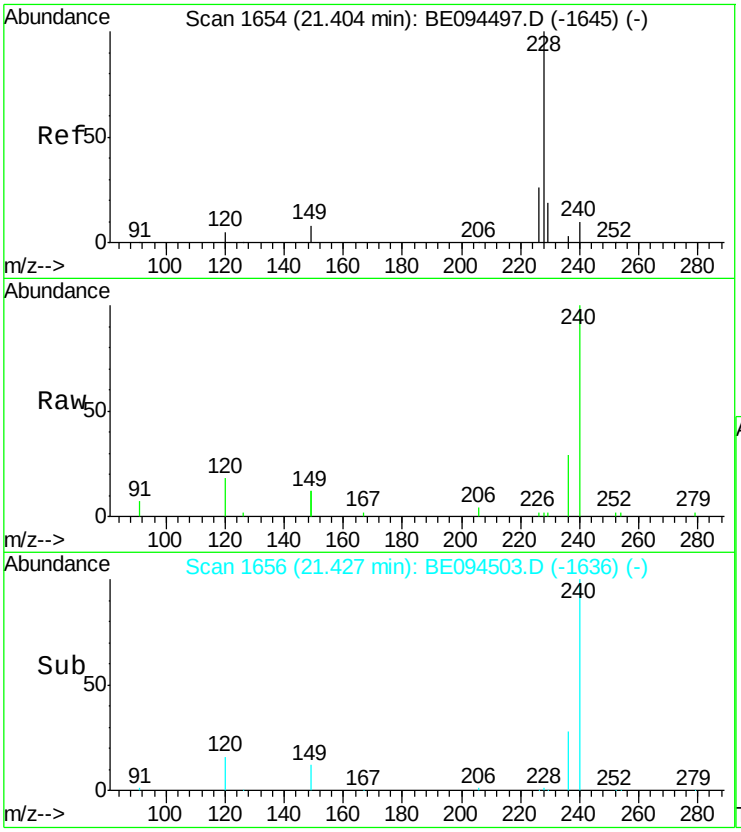


#29
Terphenyl-d14
Concen: 0.30 ng
RT: 19.87 min Scan# 1513
Delta R.T. 0.01 min
Lab File: BE094503.D
Acq: 23 Oct 2017 19:45

Tgt Ion:244 Resp: 4977

Ion	Ratio	Lower	Upper
244	100		
212	39.0	25.4	38.0#
122	13.8	8.1	12.1#



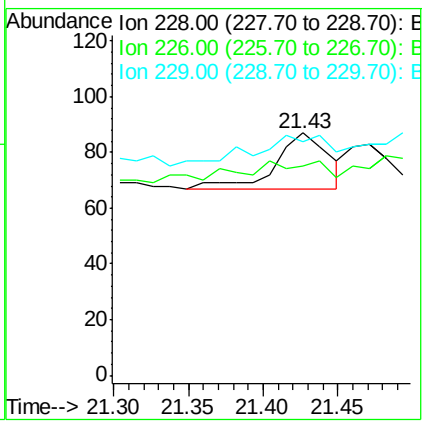


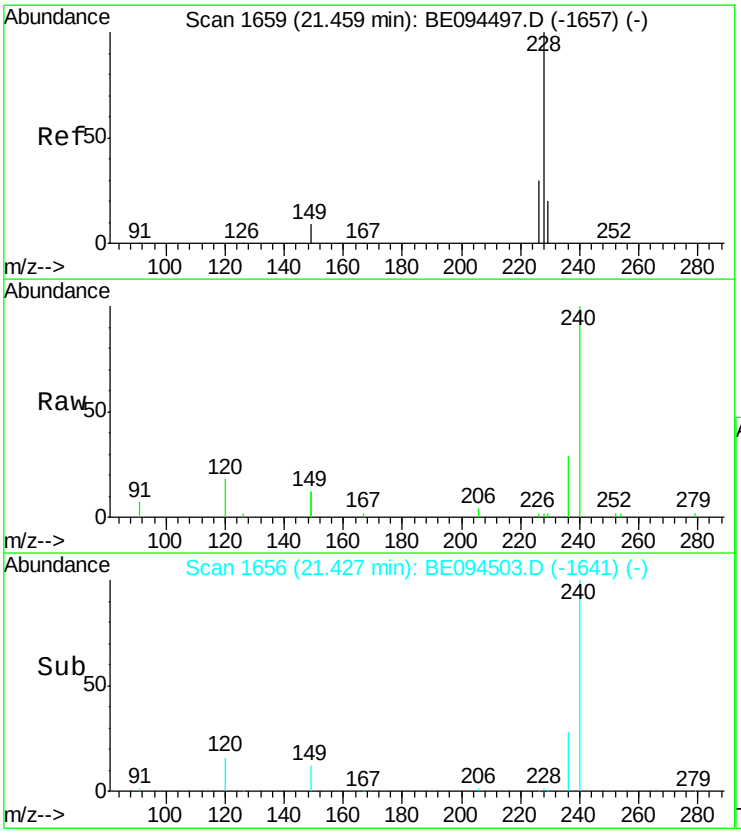
#30
Benzo(a)anthracene
Concen: 0.00 ng
RT: 21.43 min Scan# 1656
Delta R.T. 0.02 min
Lab File: BE094503.D
Acq: 23 Oct 2017 19:45

Instrument :
BNA_E
ClientSampleId :
PB103539BL

Tgt Ion:228 Resp: 49

Ion	Ratio	Lower	Upper
228	100		
226	86.2	40.0	60.0#
229	96.6	40.0	60.0#

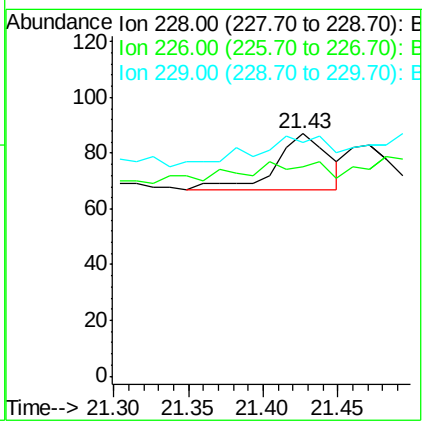


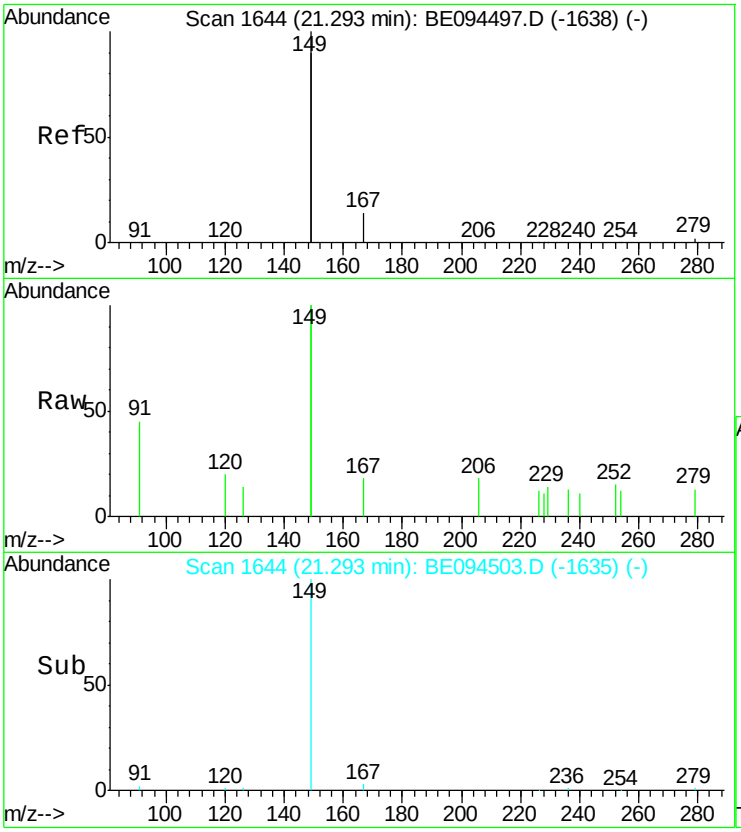


#31
Chrysene
Concen: 0.00 ng
RT: 21.43 min Scan# 1656
Delta R.T. -0.03 min
Lab File: BE094503.D
Acq: 23 Oct 2017 19:45

Tgt Ion:228 Resp: 49

Ion	Ratio	Lower	Upper
228	100		
226	86.2	40.0	60.0#
229	96.6	40.0	60.0#



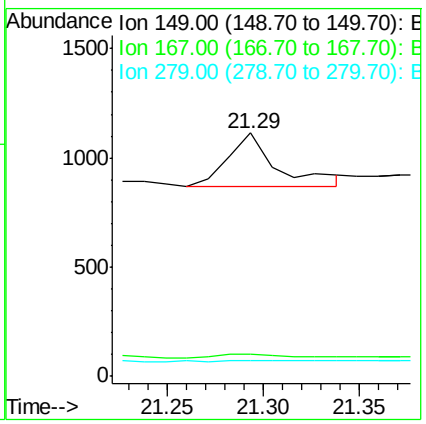


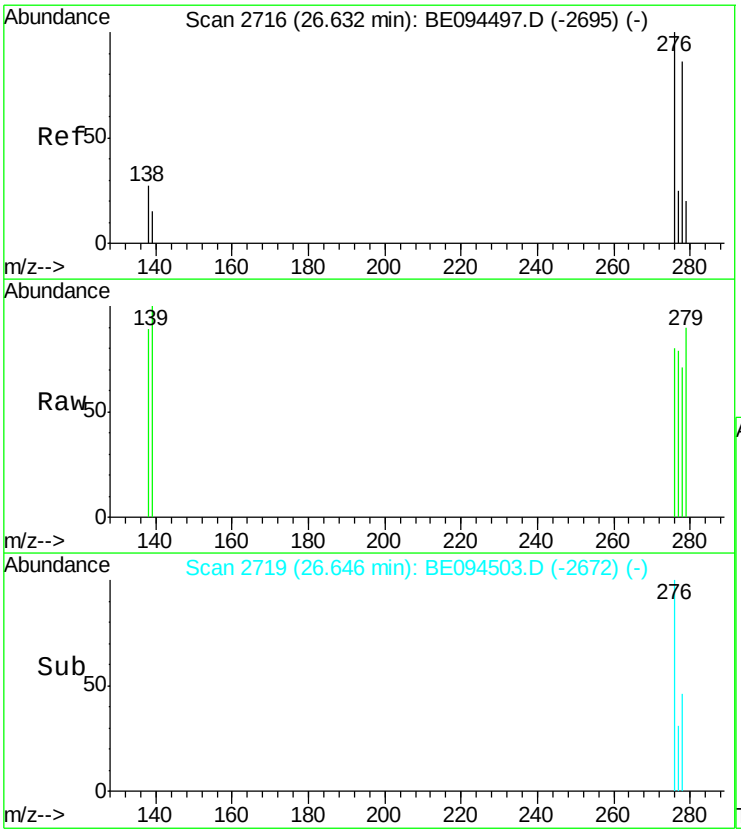
#32
Bis(2-ethylhexyl)phthalate
Concen: 0.01 ng
RT: 21.29 min Scan# 1644
Delta R.T. 0.00 min
Lab File: BE094503.D
Acq: 23 Oct 2017 19:45

Instrument :
BNA_E
ClientSampleId :
PB103539BL

Tgt Ion:149 Resp: 436

Ion	Ratio	Lower	Upper
149	100		
167	7.6	5.4	8.0
279	0.0	0.7	1.1#

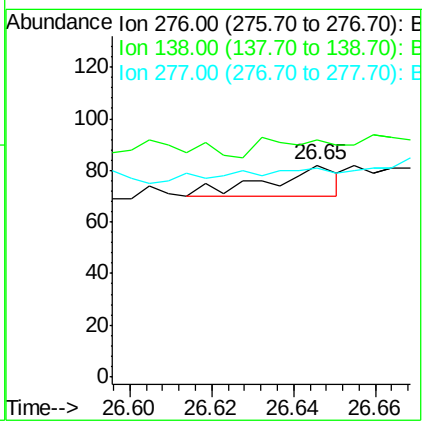


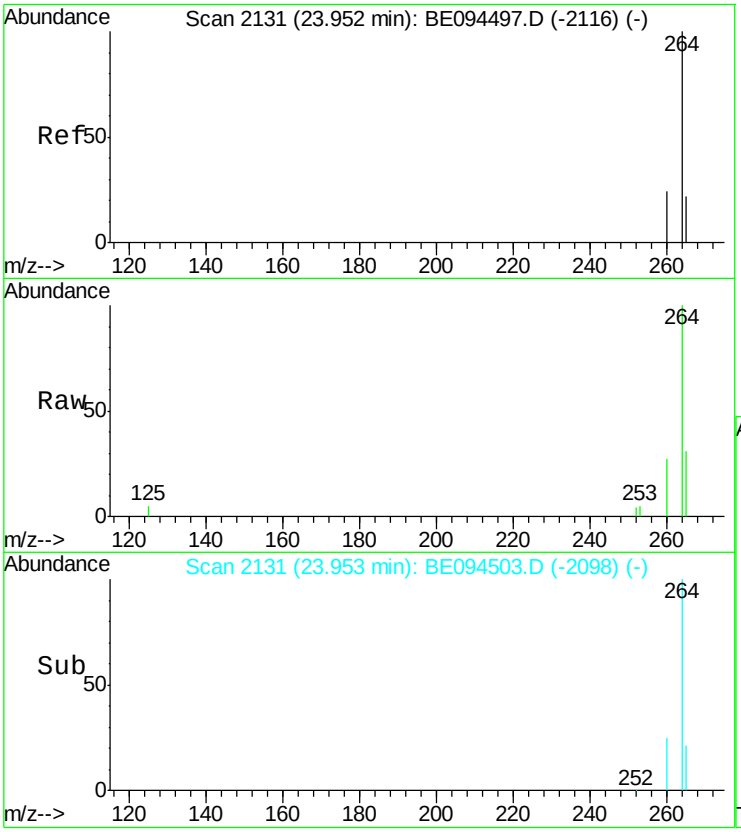


#33
Indeno(1,2,3-cd)pyrene
Concen: 0.00 ng
RT: 26.65 min Scan# 2719
Delta R.T. 0.01 min
Lab File: BE094503.D
Acq: 23 Oct 2017 19:45

Tgt Ion:276 Resp: 14

Ion	Ratio	Lower	Upper
276	100		
138	42.9	22.5	33.7#
277	71.4	19.9	29.9#



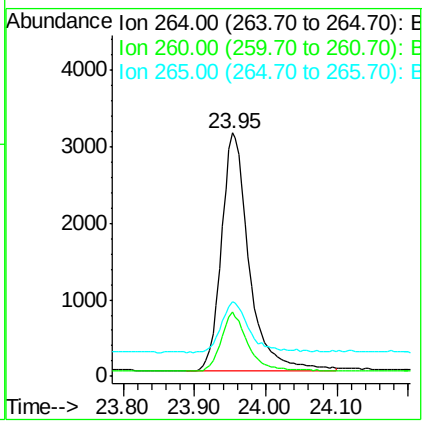


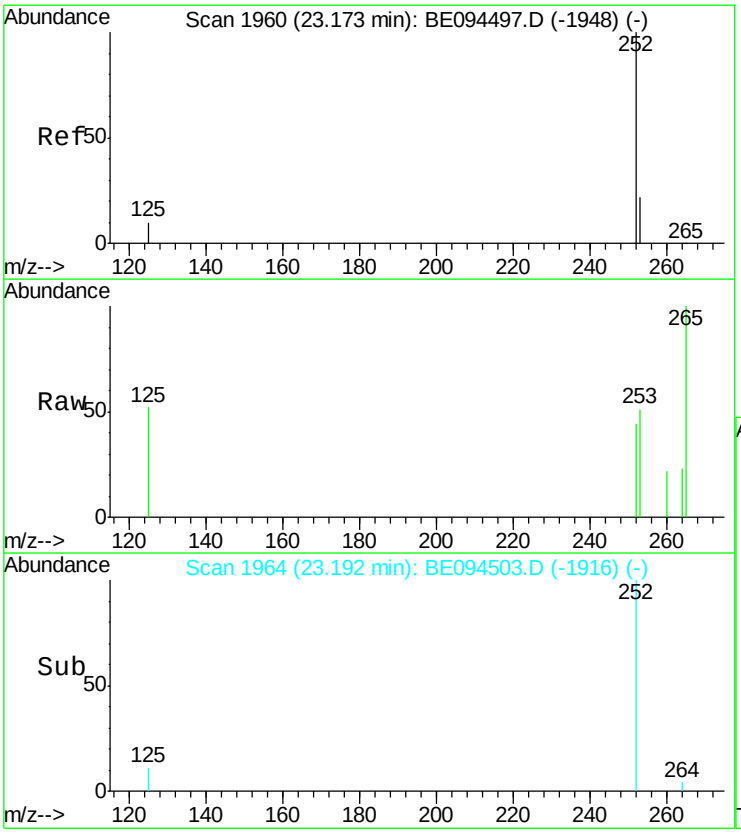
#34
Perylene-d12
Concen: 0.40 ng
RT: 23.95 min Scan# 2131
Delta R.T. 0.00 min
Lab File: BE094503.D
Acq: 23 Oct 2017 19:45

Instrument :
BNA_E
ClientSampleId :
PB103539BL

Tgt Ion:264 Resp: 8426

Ion	Ratio	Lower	Upper
264	100		
260	26.6	20.5	30.7
265	30.6	22.8	34.2

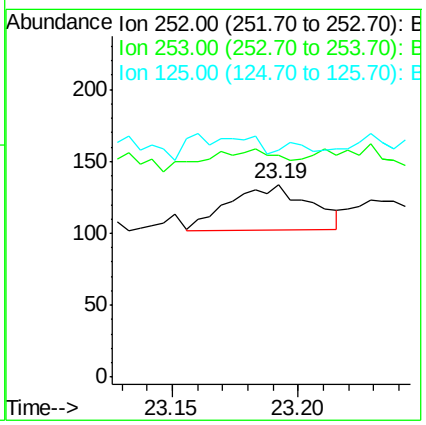


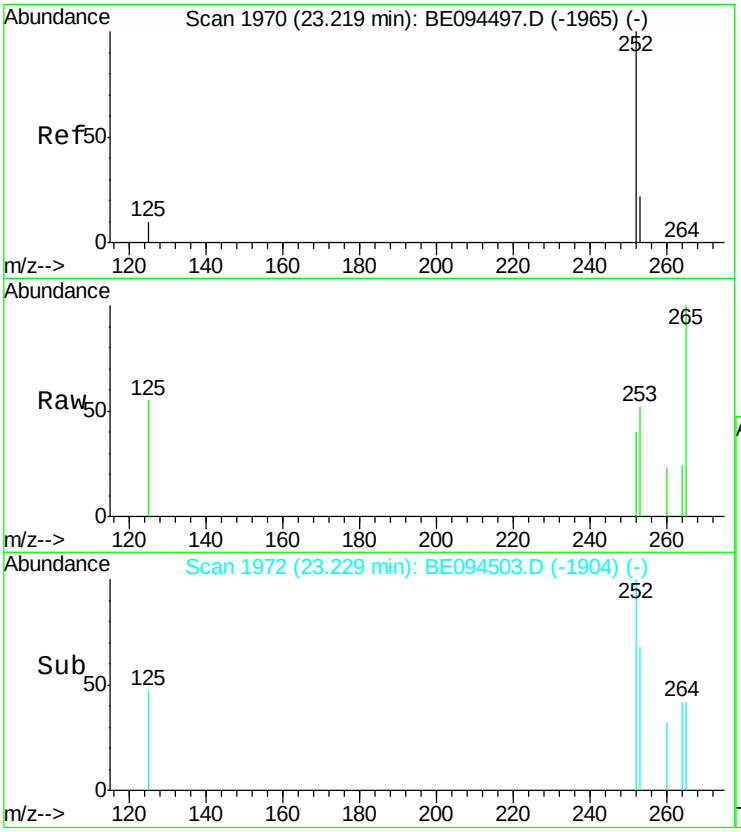


#35
Benzo(b)fluoranthene
Concen: 0.00 ng
RT: 23.19 min Scan# 1964
Delta R.T. 0.02 min
Lab File: BE094503.D
Acq: 23 Oct 2017 19:45

Tgt Ion:252 Resp: 69

Ion	Ratio	Lower	Upper
252	100		
253	114.9	48.0	72.0#
125	117.9	56.0	84.0#



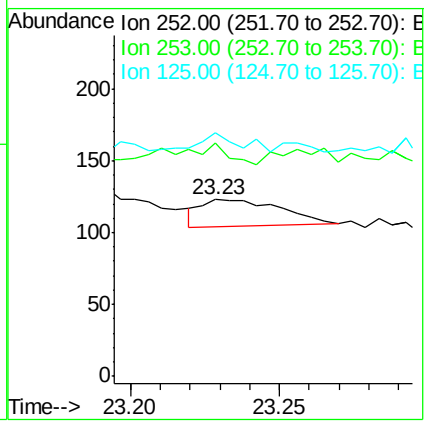


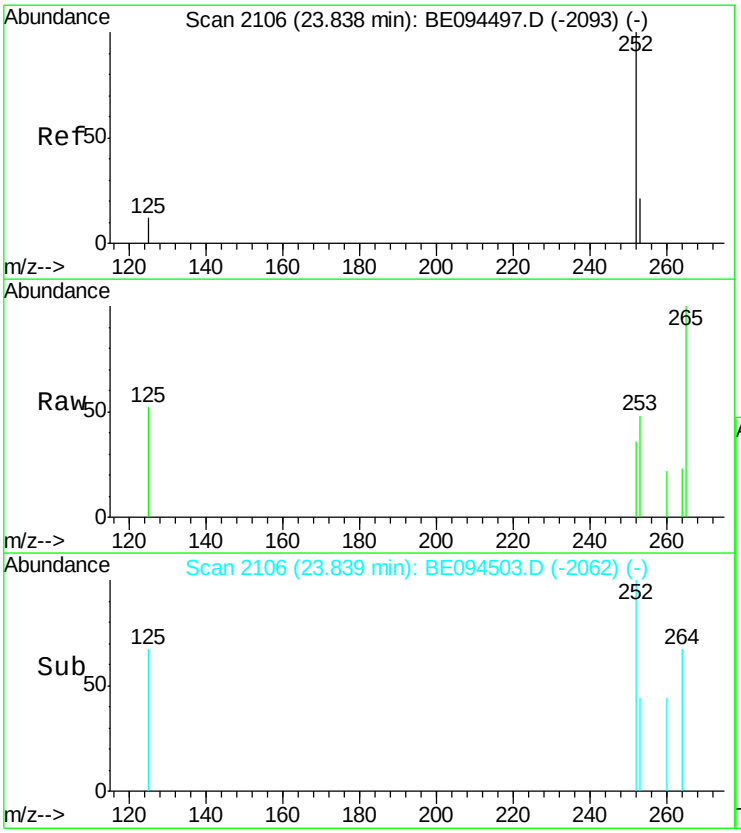
#36
Benzo(k)fluoranthene
Concen: 0.00 ng
RT: 23.23 min Scan# 1972
Delta R.T. 0.01 min
Lab File: BE094503.D
Acq: 23 Oct 2017 19:45

Instrument :
BNA_E
ClientSampleId :
PB103539BL

Tgt Ion:252 Resp: 34

Ion	Ratio	Lower	Upper
252	100		
253	131.7	48.0	72.0#
125	137.4	56.0	84.0#

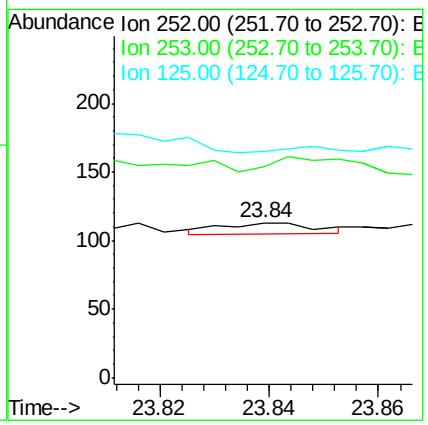


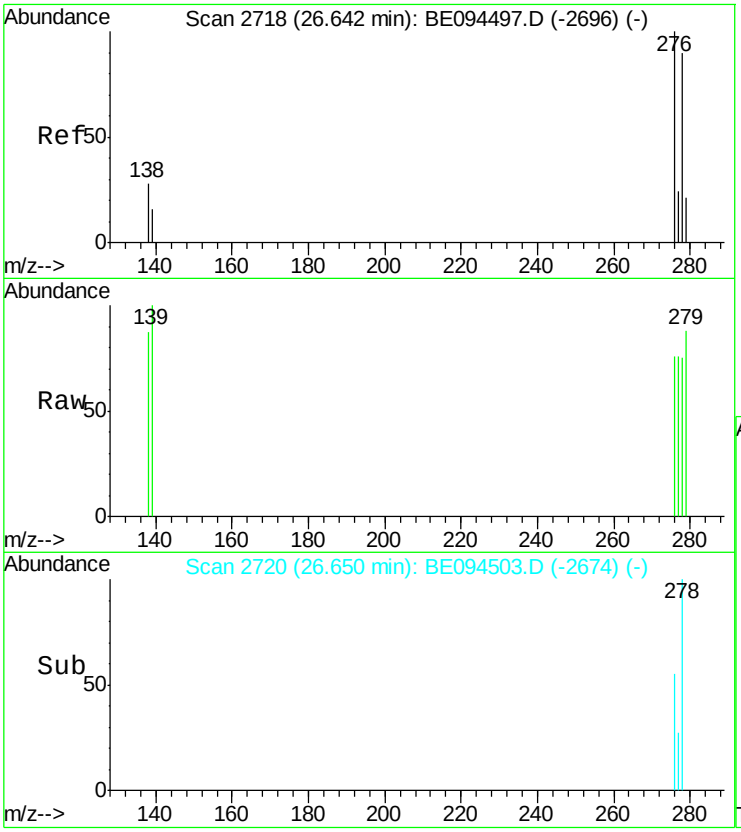


#37
Benzo(a)pyrene
Concen: 0.00 ng
RT: 23.84 min Scan# 2106
Delta R.T. 0.00 min
Lab File: BE094503.D
Acq: 23 Oct 2017 19:45

Tgt Ion:252 Resp: 10

Ion	Ratio	Lower	Upper
252	100		
253	136.3	52.0	78.0#
125	146.0	68.0	102.0#



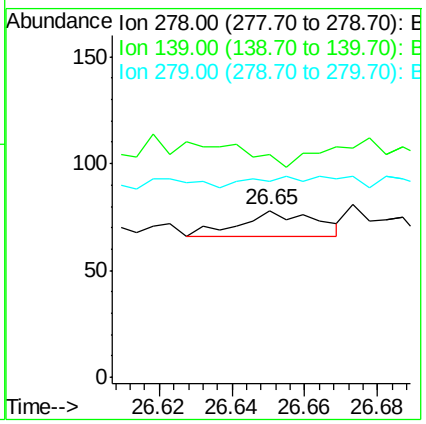


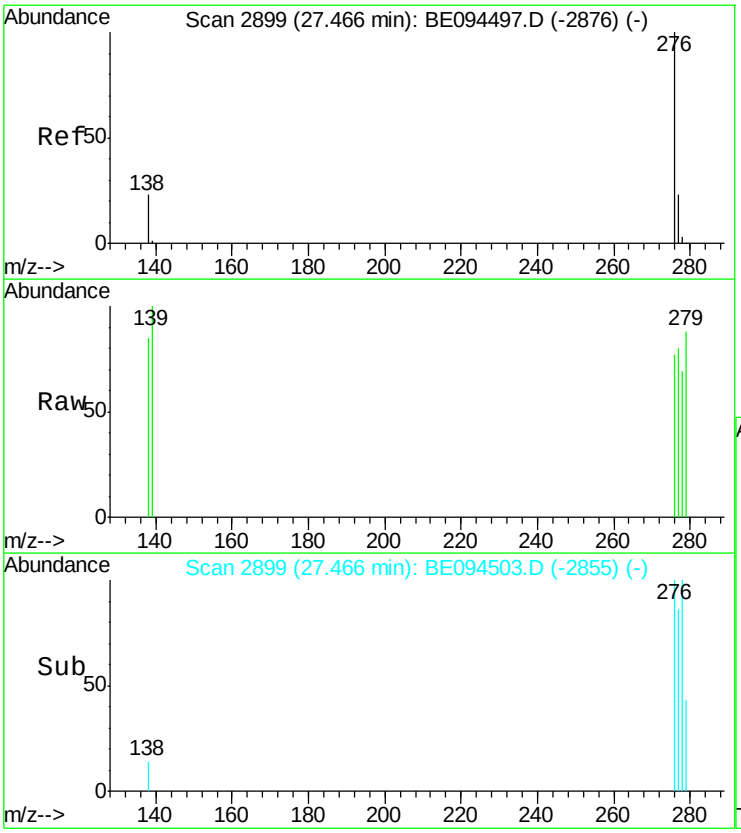
#38
Dibenzo(a,h)anthracene
Concen: 0.00 ng
RT: 26.65 min Scan# 2720
Delta R.T. 0.01 min
Lab File: BE094503.D
Acq: 23 Oct 2017 19:45

Instrument :
BNA_E
ClientSampleId :
PB103539BL

Tgt Ion:278 Resp: 17

Ion	Ratio	Lower	Upper
278	100		
139	133.3	56.0	84.0#
279	117.9	52.0	78.0#





#39
Benzo(g,h,i)perylene
Concen: 0.00 ng
RT: 27.47 min Scan# 2899
Delta R.T. -0.00 min
Lab File: BE094503.D
Acq: 23 Oct 2017 19:45

Tgt Ion:276 Resp: 7

Ion	Ratio	Lower	Upper
276	100		
277	103.7	52.0	78.0#
138	110.0	44.0	66.0#