Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE102317\
Data File : BE094506.D
Acq On : 23 Oct 2017 21:35
Operator : SJ/JU
Sample : I5950-10
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : 20170723-C-A-COMP2

Quant Time: Oct 23 22:30:02 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	7.90	152	1304	0.40	ng		0.00
7) Naphthalene-d8	10.69	136	7214	0.40	ng		-0.02
13) Acenaphthene-d10	14.51	164	4337	0.40	ng		0.00
19) Phenanthrene-d10	17.24	188	12881	0.40	ng		0.00
27) Chrysene-d12	21.42	240	9790	0.40	ng		-0.01
34) Perylene-d12	23.93	264	9168	0.40	ng		-0.02
System Monitoring Compounds							
4) 2-Fluorophenol	5.53	112	902	0.20	ng		0.00
5) Phenol-d6	7.11	99	825	0.12	ng		-0.03
8) Nitrobenzene-d5	9.06	82	2859	0.50	ng		-0.02
11) 2-Methylnaphthalene-d10	12.27	152	4999	0.43	ng		-0.02
14) 2,4,6-Tribromophenol	0.00	330	0	0.00	ng		
15) 2-Fluorobiphenyl	13.13	172	6765	0.44	ng		-0.01
25) Fluoranthene-d10	19.27	212	51566	0.31	ng		-0.01
29) Terphenyl-d14	19.85	244	9379	0.51	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.41	88	60	0.03	ng	#	1
3) n-Nitrosodimethylamine	3.70	42	288	0.14	ng	#	1
6) bis(2-Chloroethyl)ether	7.25	93	1678	0.32	ng	#	1
9) Naphthalene	10.74	128	268092	3.28	ng		99
10) Hexachlorobutadiene	10.99	225	8	0.00	ng	#	30
12) 2-Methylnaphthalene	12.34	142	21744	1.57	ng		97
16) Acenaphthylene	14.23	152	3064	0.13	ng	#	76
17) Acenaphthene	14.57	154	17769	1.21	ng		98
18) Fluorene	15.55	166	19842	1.05	ng	#	90
20) 4-Bromophenyl-phenylether	16.26	248	10	0.00	ng	#	1
21) Hexachlorobenzene	16.65	284	14	0.00	ng	#	38
22) Pentachlorophenol	17.07	266	8	0.01	ng		94
23) Phenanthrene	17.27	178	88314	2.95	ng	#	91
24) Anthracene	17.37	178	9738	0.26	ng	#	81
26) Fluoranthene	19.30	202	12301	0.22	ng		97
28) Pyrene	19.66	202	9678	0.28	ng	#	96
30) Benzo(a)anthracene	21.39	228	798	0.03	ng		95
31) Chrysene	21.39	228	770	0.02	ng		95
32) Bis(2-ethylhexyl)phthalate	21.28	149	5026	0.06	ng	#	95
33) Indeno(1,2,3-cd)pyrene	26.62	276	178	0.01	ng	#	72
35) Benzo(b)fluoranthene	23.16	252	449	0.02	ng	#	65
36) Benzo(k)fluoranthene	23.16	252	449	0.01	ng	#	65
37) Benzo(a)pyrene	23.83	252	224	0.01	ng	#	66
38) Dibenzo(a,h)anthracene	26.62	278	44	0.00	ng	#	15
39) Benzo(g,h,i)perylene	27.45	276	155	0.01	ng	#	55

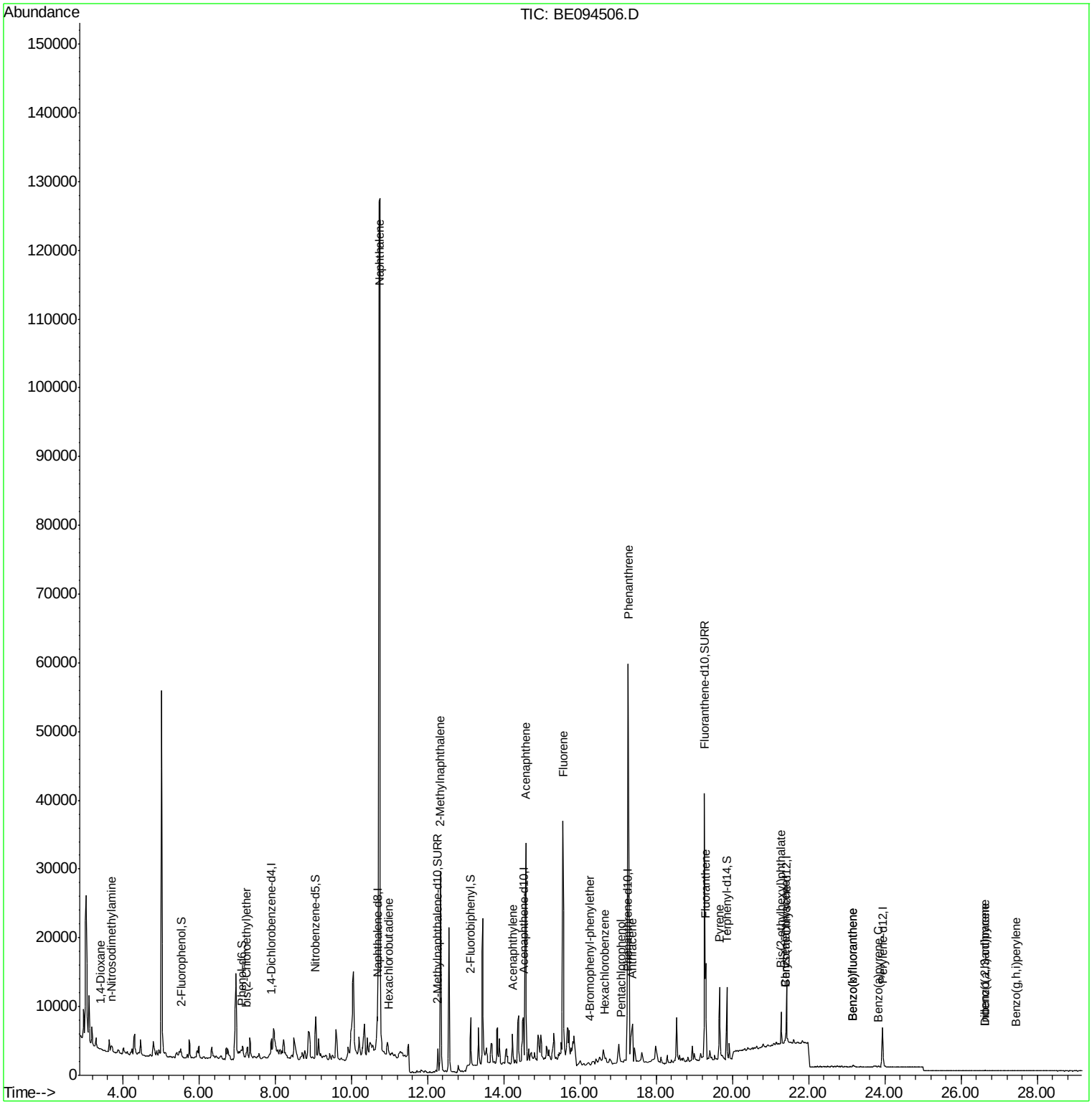
(#) = qualifier out of range (m) = manual integration (+) = signals summed

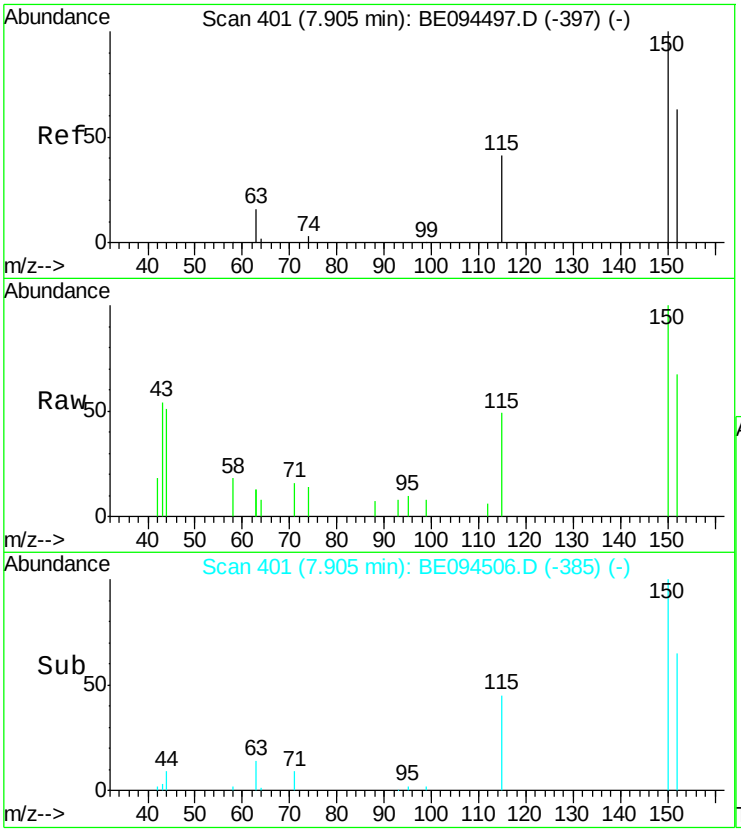
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE102317\
Data File : BE094506.D
Acq On : 23 Oct 2017 21:35
Operator : SJ/JU
Sample : I5950-10
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
20170723-C-A-COMP2

Quant Time: Oct 23 22:30:02 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



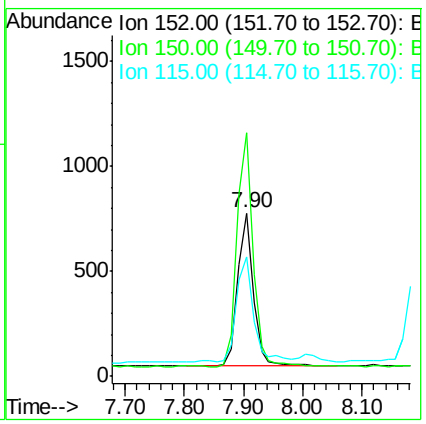


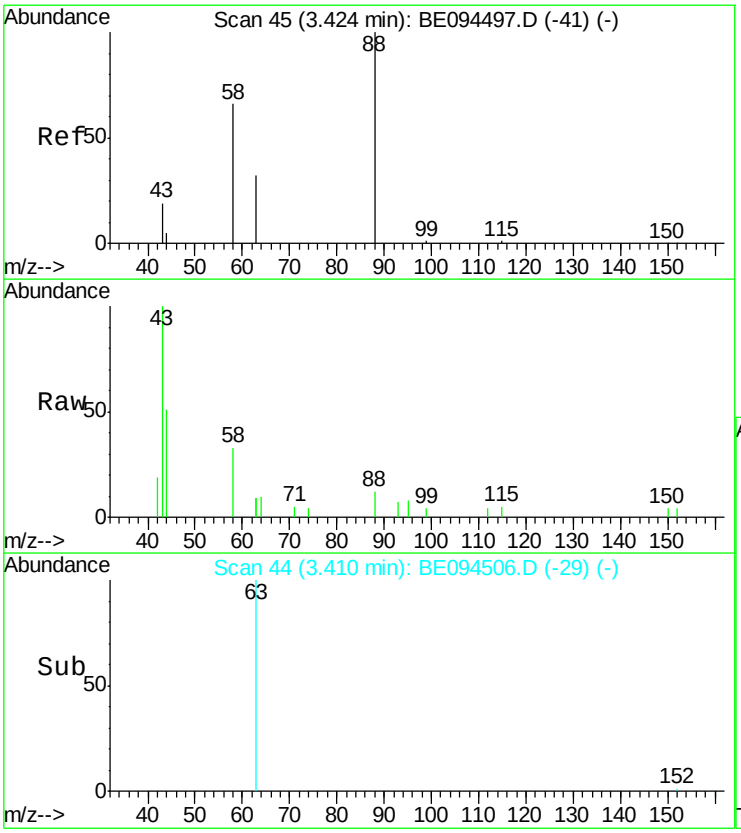
#1
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.90 min Scan# 401
Delta R.T. -0.00 min
Lab File: BE094506.D
Acq: 23 Oct 2017 21:35

Instrument :
BNA_E
ClientSampleId :
20170723-C-A-COMP2

Tgt Ion:152 Resp: 1304

Ion	Ratio	Lower	Upper
152	100		
150	149.1	117.2	175.8
115	73.5	57.0	85.6

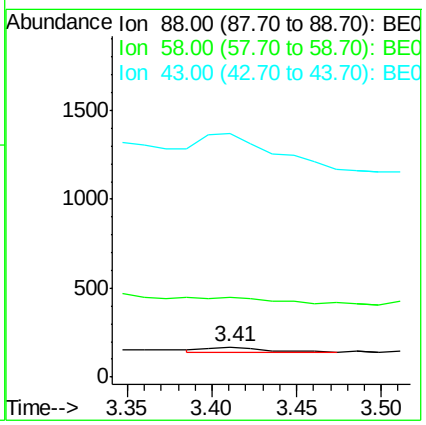


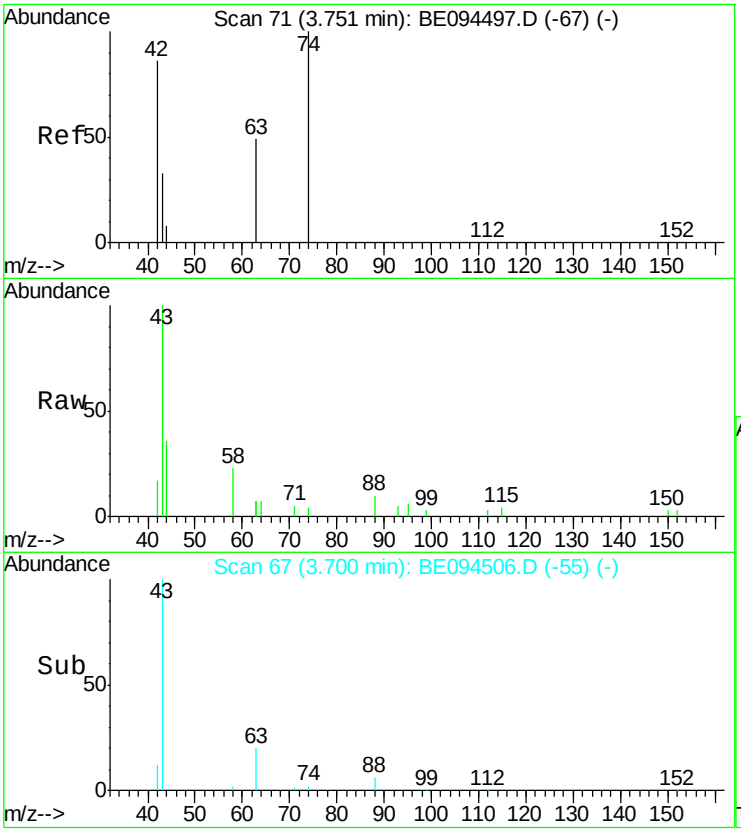


#2
1,4-Dioxane
Concen: 0.03 ng
RT: 3.41 min Scan# 44
Delta R.T. -0.01 min
Lab File: BE094506.D
Acq: 23 Oct 2017 21:35

Tgt Ion: 88 Resp: 60

Ion	Ratio	Lower	Upper
88	100		
58	0.0	63.2	94.8#
43	1258.3	41.2	61.8#



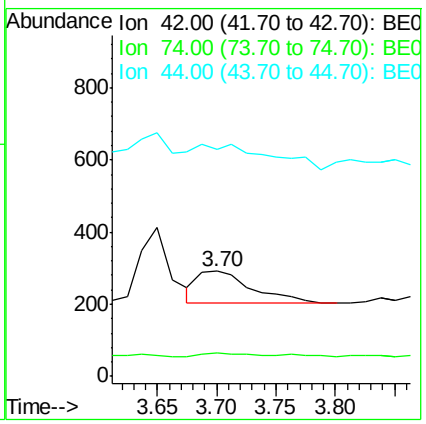


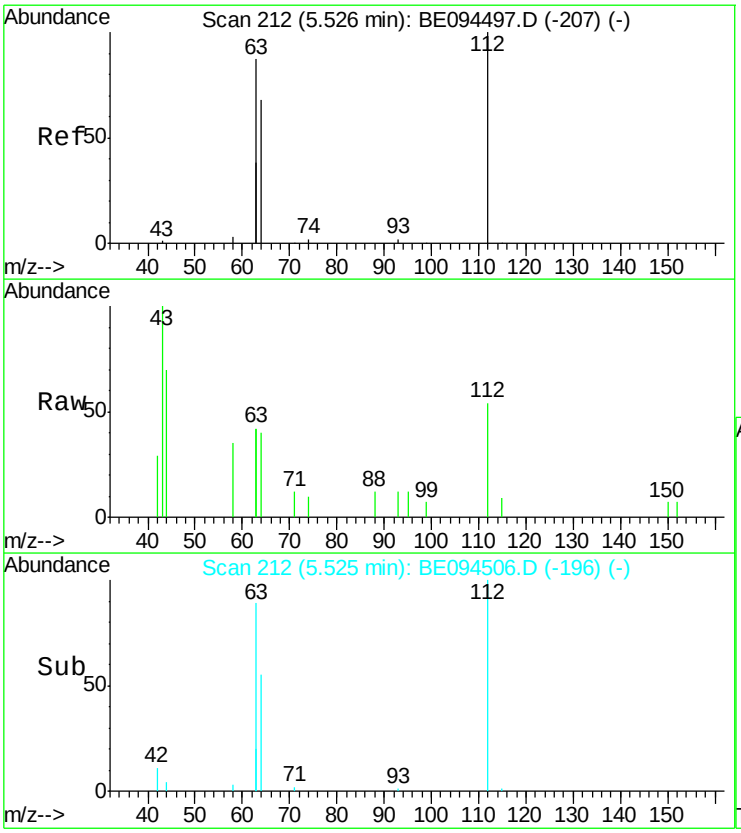
#3
n-Nitrosodimethylamine
Concen: 0.14 ng
RT: 3.70 min Scan# 67
Delta R.T. -0.05 min
Lab File: BE094506.D
Acq: 23 Oct 2017 21:35

Instrument :
BNA_E
ClientSampleId :
20170723-C-A-COMP2

Tgt Ion: 42 Resp: 288

Ion	Ratio	Lower	Upper
42	100		
74	10.4	100.3	150.5#
44	99.0	17.0	25.4#

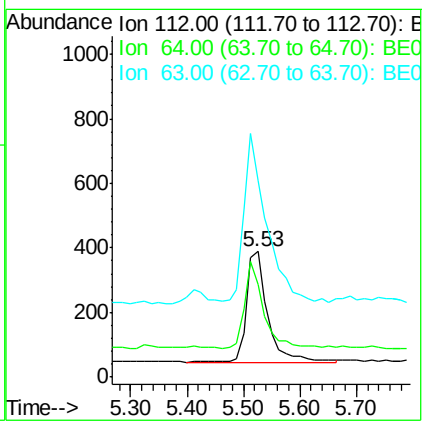


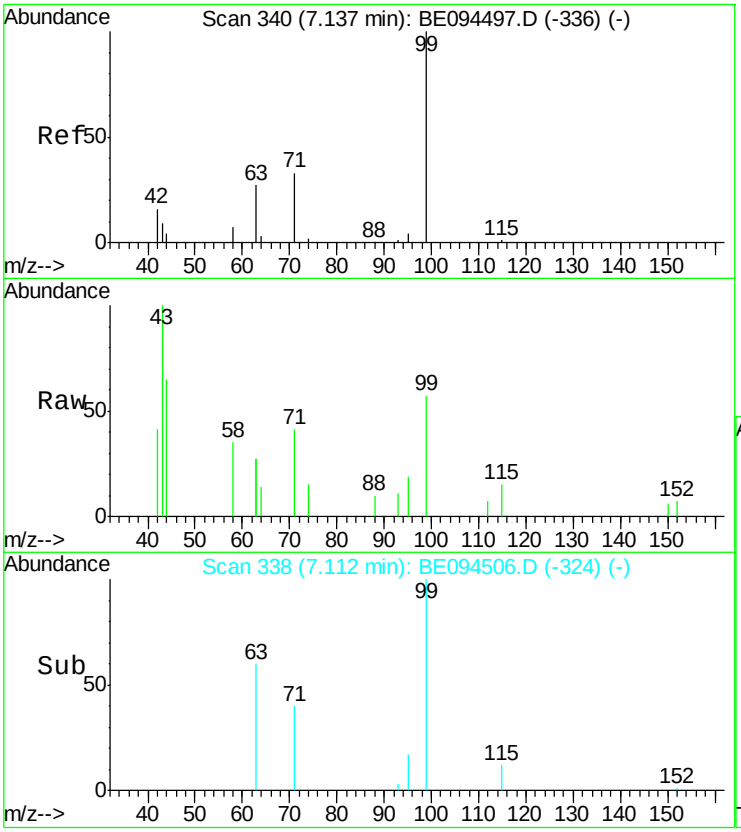


#4
2-Fluorophenol
Concen: 0.20 ng
RT: 5.53 min Scan# 212
Delta R.T. -0.00 min
Lab File: BE094506.D
Acq: 23 Oct 2017 21:35

Tgt Ion:112 Resp: 902

Ion	Ratio	Lower	Upper
112	100		
64	68.4	60.1	90.1
63	163.5	116.8	175.2



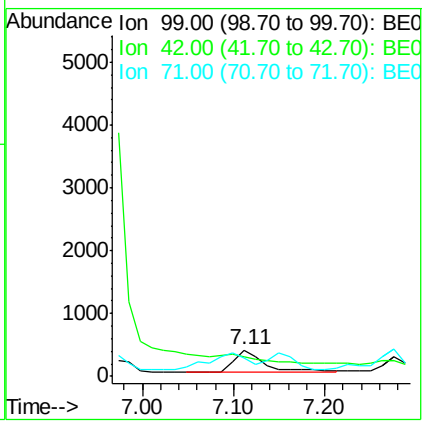


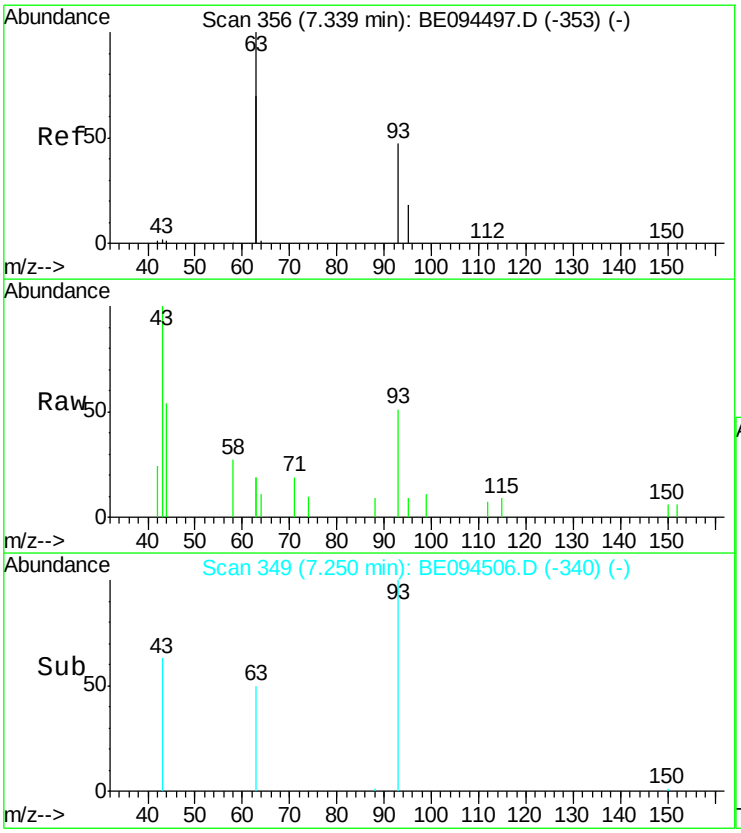
#5
Phenol-d6
Concen: 0.12 ng
RT: 7.11 min Scan# 338
Delta R.T. -0.03 min
Lab File: BE094506.D
Acq: 23 Oct 2017 21:35

Instrument :
BNA_E
ClientSampleId :
20170723-C-A-COMP2

Tgt Ion: 99 Resp: 825

Ion	Ratio	Lower	Upper
99	100		
42	0.0	20.2	30.2#
71	100.2	28.4	42.6#

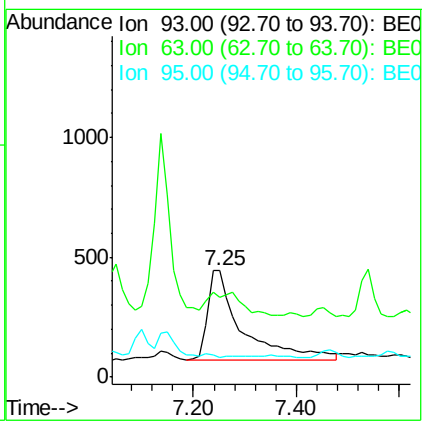


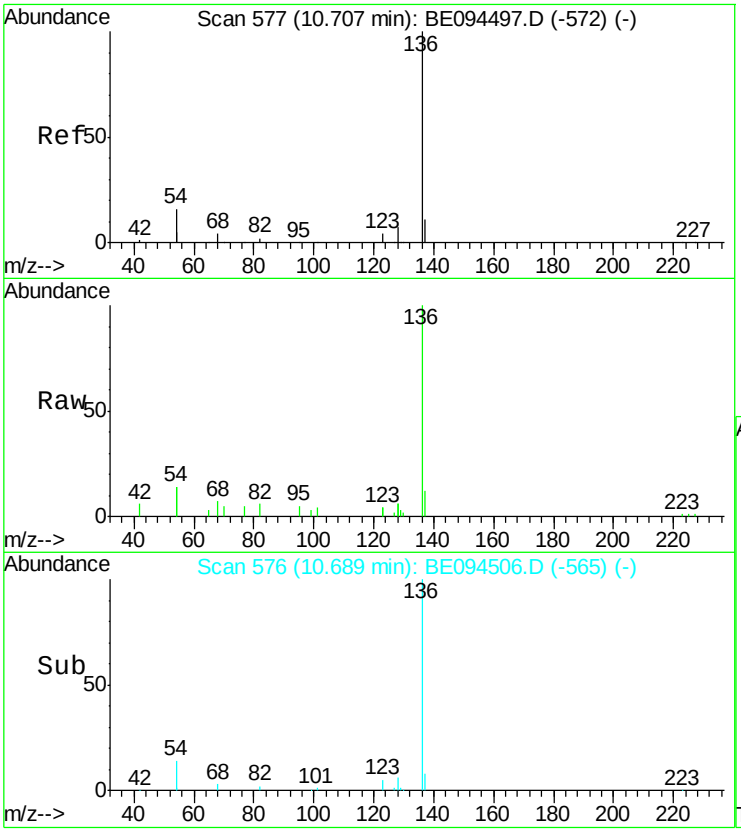


#6
bis(2-Chloroethyl)ether
Concen: 0.32 ng
RT: 7.25 min Scan# 349
Delta R.T. -0.09 min
Lab File: BE094506.D
Acq: 23 Oct 2017 21:35

Tgt Ion: 93 Resp: 1678

Ion	Ratio	Lower	Upper
93	100		
63	25.7	275.3	412.9#
95	0.0	25.2	37.8#



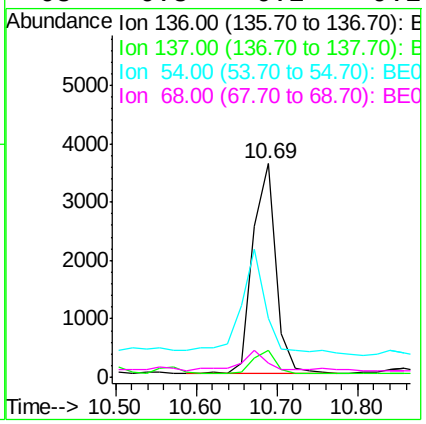


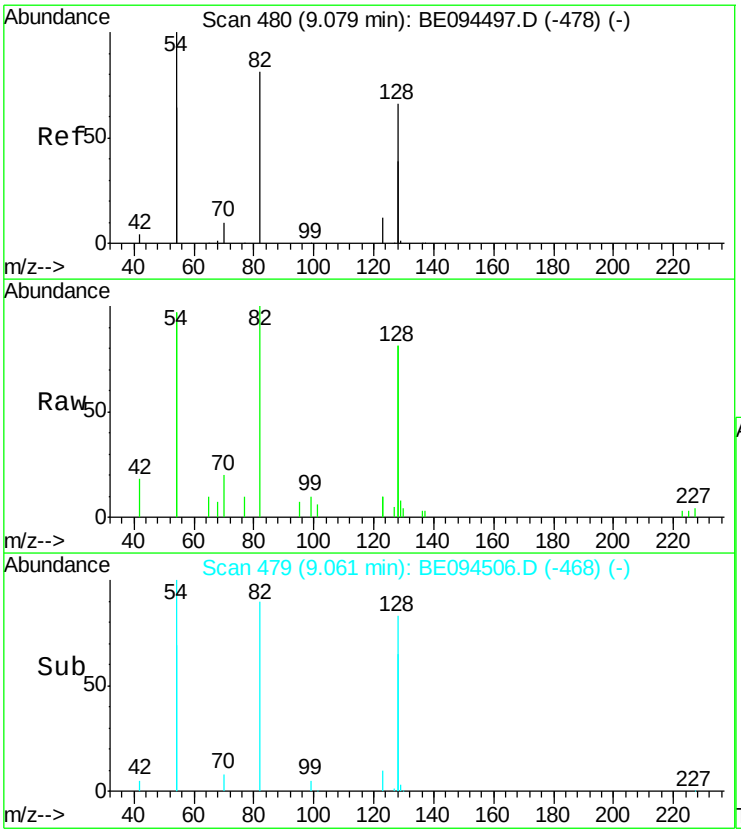
#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.69 min Scan# 576
Delta R.T. -0.02 min
Lab File: BE094506.D
Acq: 23 Oct 2017 21:35

Instrument :
BNA_E
ClientSampleId :
20170723-C-A-COMP2

Tgt Ion:136 Resp: 7214

Ion	Ratio	Lower	Upper
136	100		
137	12.4	9.5	14.3
54	27.7	29.1	43.7#
68	6.8	6.2	9.2

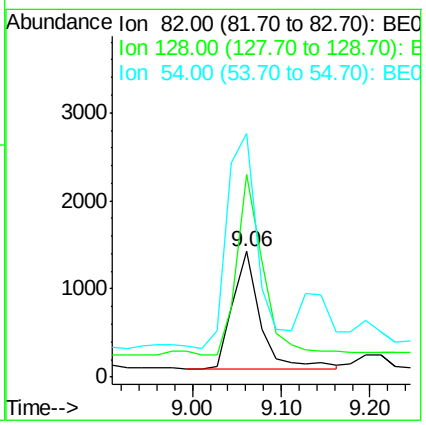


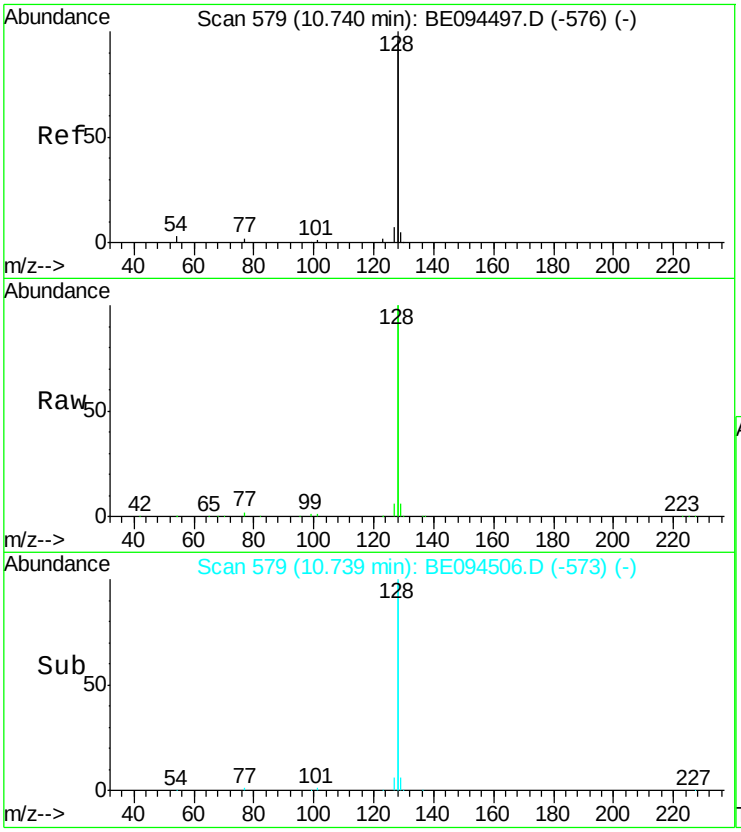


#8
Nitrobenzene-d5
Concen: 0.50 ng
RT: 9.06 min Scan# 479
Delta R.T. -0.02 min
Lab File: BE094506.D
Acq: 23 Oct 2017 21:35

Tgt Ion: 82 Resp: 2859

Ion	Ratio	Lower	Upper
82	100		
128	161.2	150.0	225.0
54	194.0	154.2	231.4



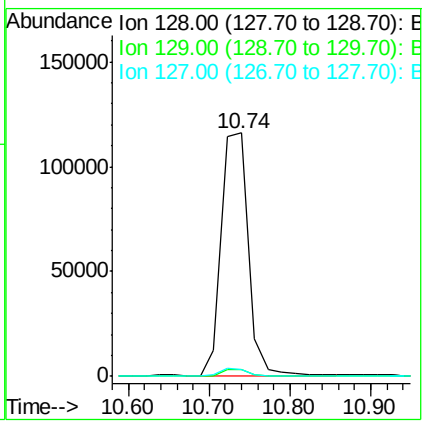


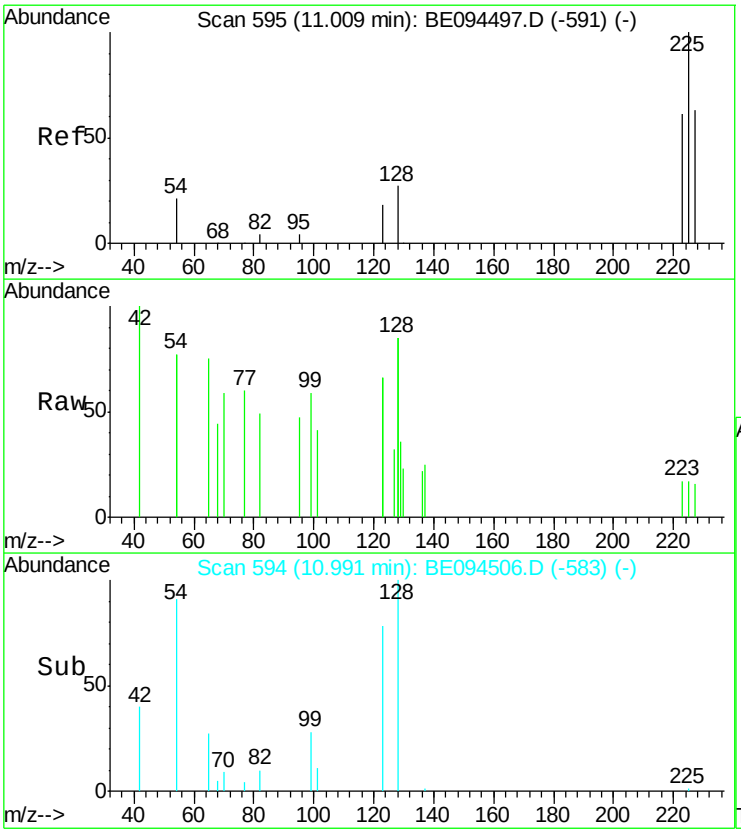
#9
Naphthalene
Concen: 3.28 ng
RT: 10.74 min Scan# 579
Delta R.T. -0.00 min
Lab File: BE094506.D
Acq: 23 Oct 2017 21:35

Instrument :
BNA_E
ClientSampleId :
20170723-C-A-COMP2

Tgt Ion:128 Resp: 268092

Ion	Ratio	Lower	Upper
128	100		
129	2.9	2.6	3.8
127	3.1	2.8	4.2

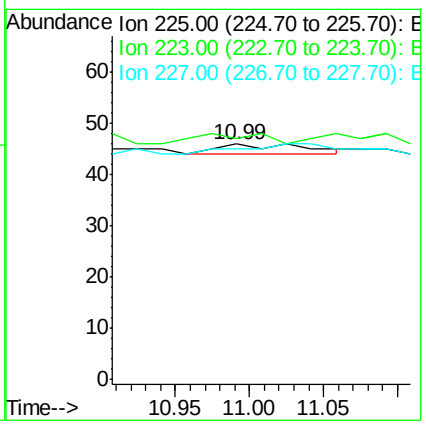


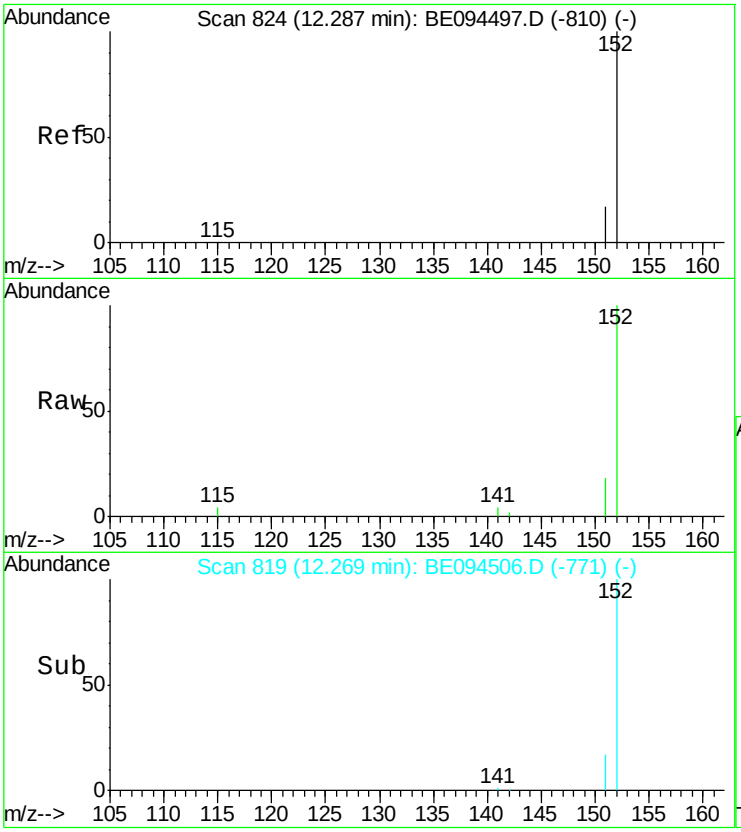


#10
Hexachlorobutadiene
Concen: 0.00 ng
RT: 10.99 min Scan# 594
Delta R.T. -0.02 min
Lab File: BE094506.D
Acq: 23 Oct 2017 21:35

Tgt Ion:225 Resp: 8

Ion	Ratio	Lower	Upper
225	100		
223	112.5	53.0	79.6#
227	0.0	51.4	77.2#



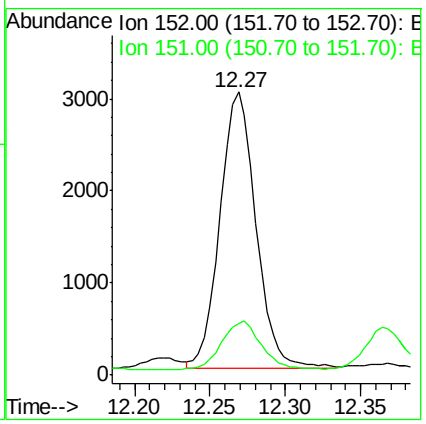


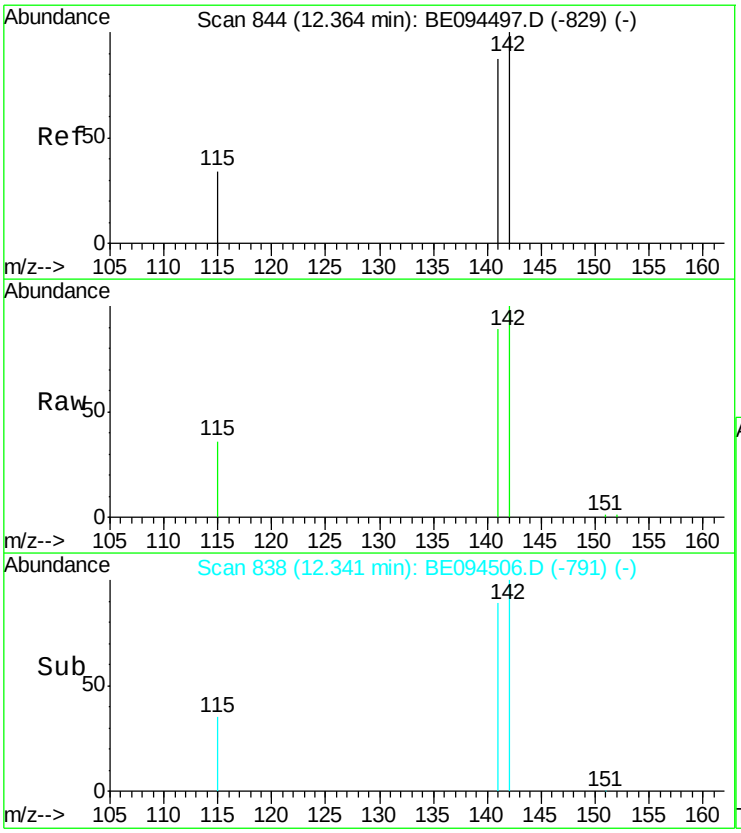
#11
2-Methylnaphthalene-d10
Concen: 0.43 ng
RT: 12.27 min Scan# 819
Delta R.T. -0.02 min
Lab File: BE094506.D
Acq: 23 Oct 2017 21:35

Instrument :
BNA_E
ClientSampleId :
20170723-C-A-COMP2

Tgt Ion:152 Resp: 4999

Ion	Ratio	Lower	Upper
152	100		
151	18.8	15.4	23.0

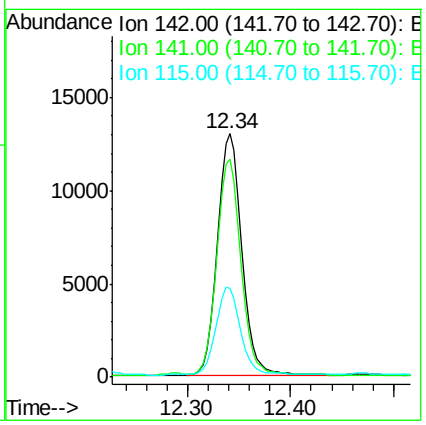


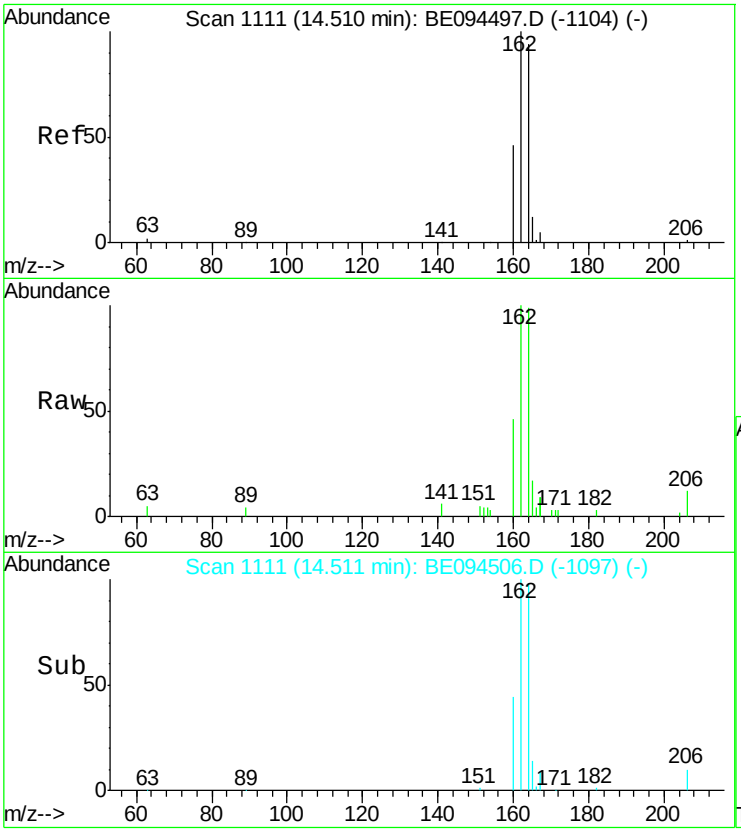


#12
2-Methylnaphthalene
Concen: 1.57 ng
RT: 12.34 min Scan# 838
Delta R.T. -0.02 min
Lab File: BE094506.D
Acq: 23 Oct 2017 21:35

Tgt Ion:142 Resp: 21744

Ion	Ratio	Lower	Upper
142	100		
141	89.4	70.4	105.6
115	36.5	31.7	47.5



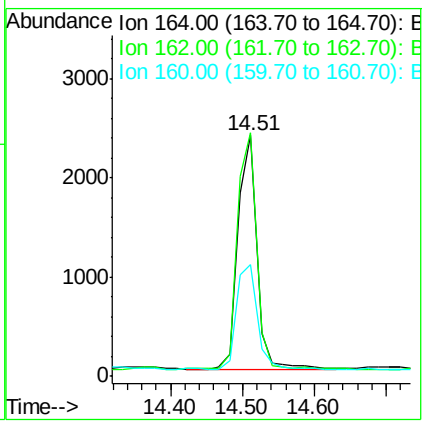


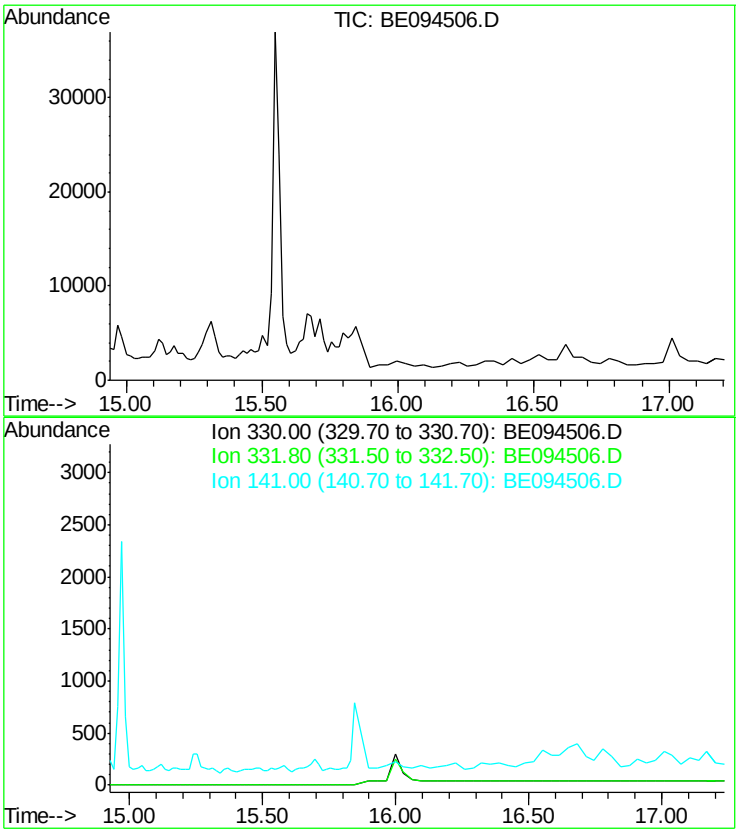
#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.51 min Scan# 1111
Delta R.T. 0.00 min
Lab File: BE094506.D
Acq: 23 Oct 2017 21:35

Instrument :
BNA_E
ClientSampleId :
20170723-C-A-COMP2

Tgt Ion:164 Resp: 4337

Ion	Ratio	Lower	Upper
164	100		
162	101.2	83.1	124.7
160	46.4	37.1	55.7



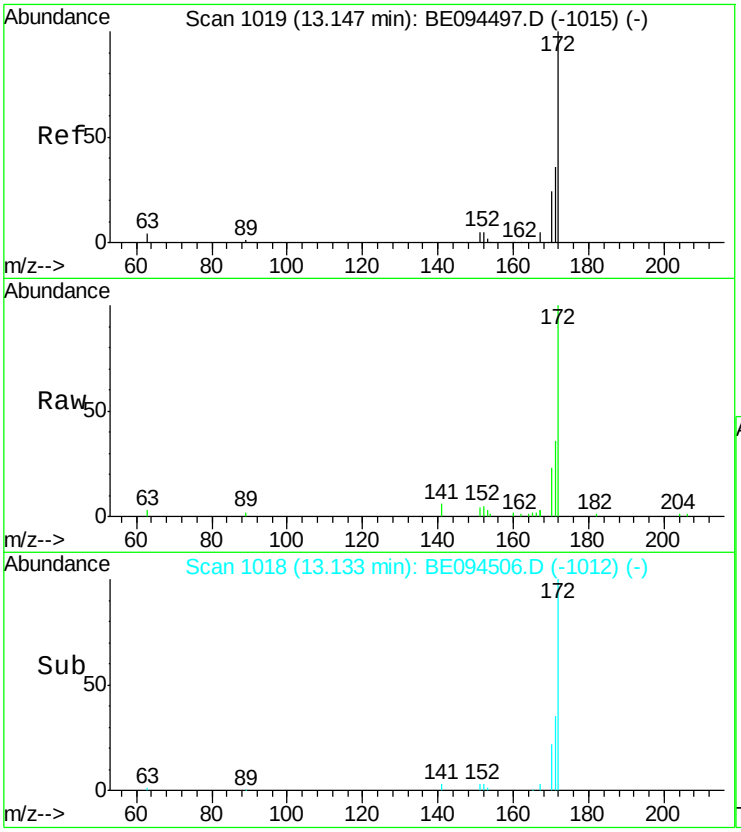


#14
2,4,6-Tribromophenol
Concen: 0.00 ng
Expected RT: 16.03 min

Lab File: BE094506.D
Acq: 23 Oct 2017 21:35

Tgt Ion: 330

Sig	Exp Ratio
330	100
332	190.9
141	42.1

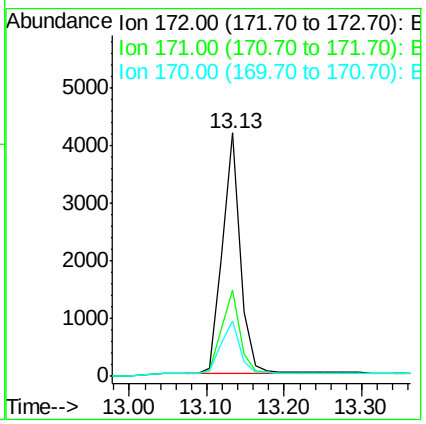


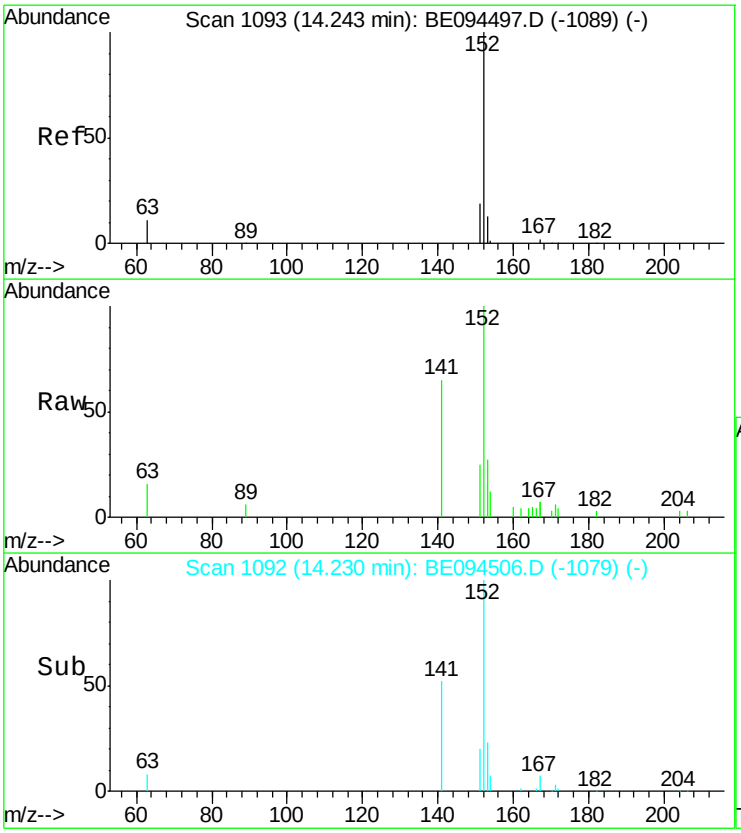
#15
2-Fluorobiphenyl
Concen: 0.44 ng
RT: 13.13 min Scan# 1018
Delta R.T. -0.01 min
Lab File: BE094506.D
Acq: 23 Oct 2017 21:35

Instrument :
BNA_E
ClientSampleId :
20170723-C-A-COMP2

Tgt Ion:172 Resp: 6765

Ion	Ratio	Lower	Upper
172	100		
171	35.7	29.9	44.9
170	22.9	21.8	32.8

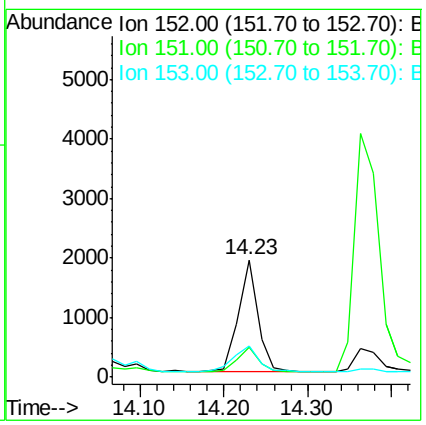


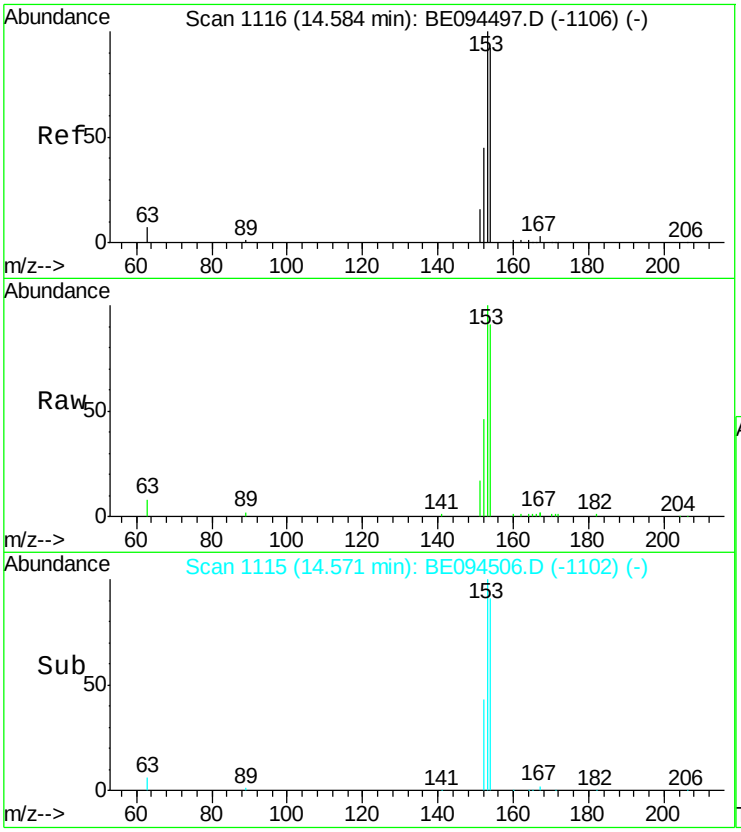


#16
Acenaphthylene
Concen: 0.13 ng
RT: 14.23 min Scan# 1092
Delta R.T. -0.01 min
Lab File: BE094506.D
Acq: 23 Oct 2017 21:35

Tgt Ion:152 Resp: 3064

Ion	Ratio	Lower	Upper
152	100		
151	23.7	15.7	23.5#
153	31.3	10.5	15.7#



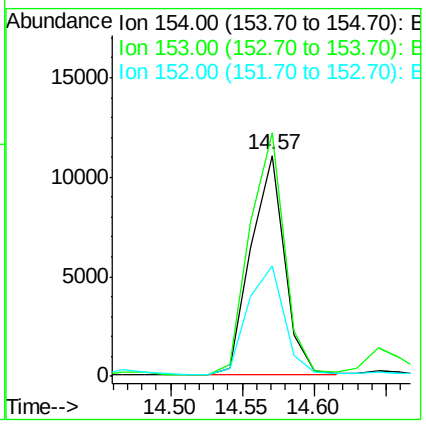


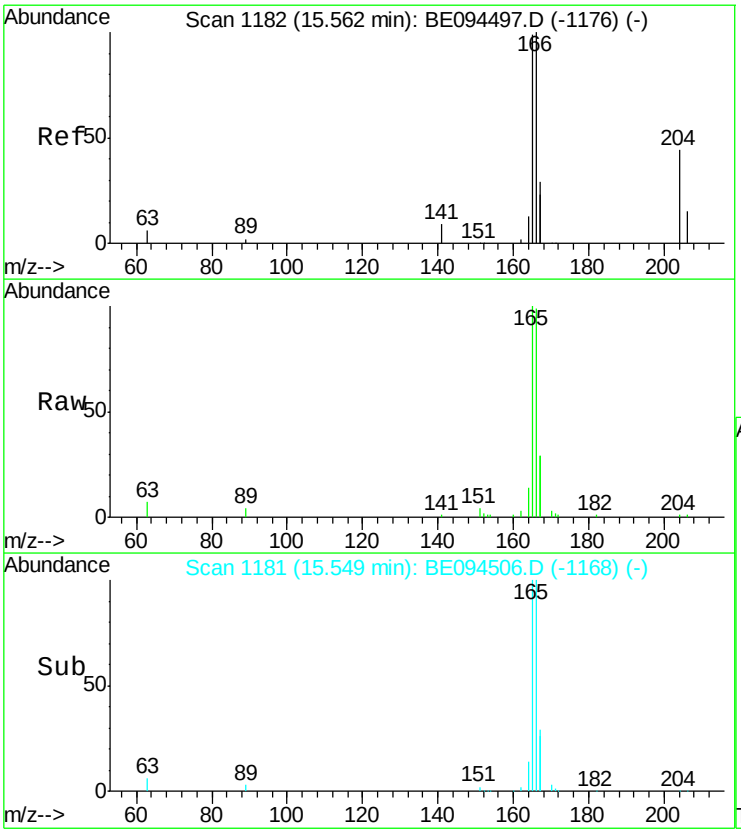
#17
Acenaphthene
Concen: 1.21 ng
RT: 14.57 min Scan# 1115
Delta R.T. -0.01 min
Lab File: BE094506.D
Acq: 23 Oct 2017 21:35

Instrument :
BNA_E
ClientSampleId :
20170723-C-A-COMP2

Tgt Ion:154 Resp: 17769

Ion	Ratio	Lower	Upper
154	100		
153	113.9	89.2	133.8
152	54.5	42.0	63.0

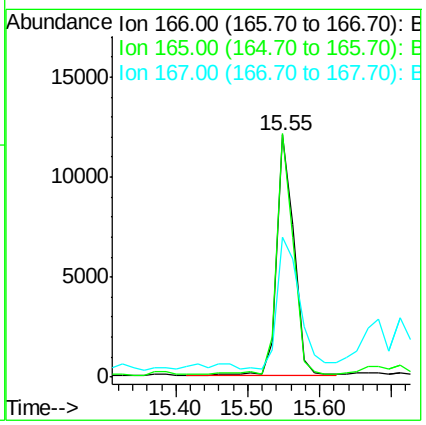


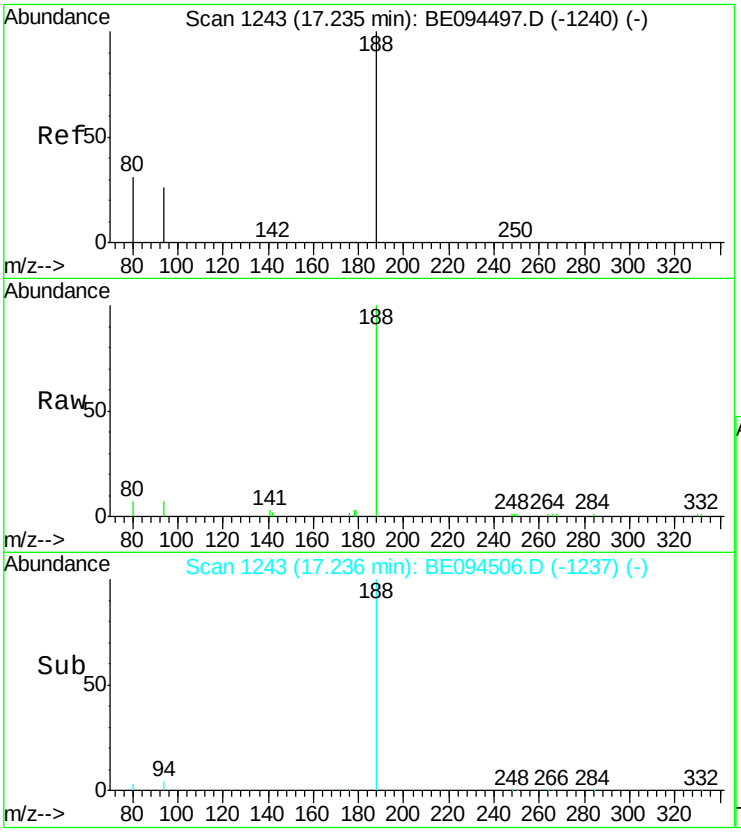


#18
Fluorene
Concen: 1.05 ng
RT: 15.55 min Scan# 1181
Delta R.T. -0.01 min
Lab File: BE094506.D
Acq: 23 Oct 2017 21:35

Tgt Ion:166 Resp: 19842

Ion	Ratio	Lower	Upper
166	100		
165	98.2	77.8	116.6
167	71.7	42.4	63.6#



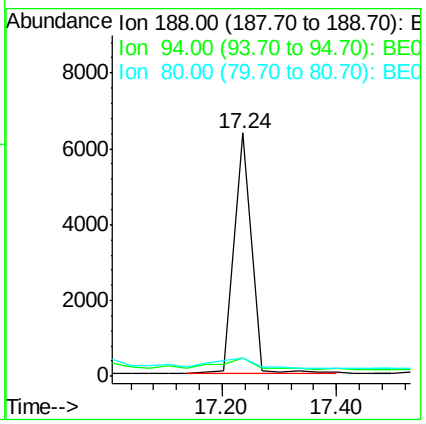


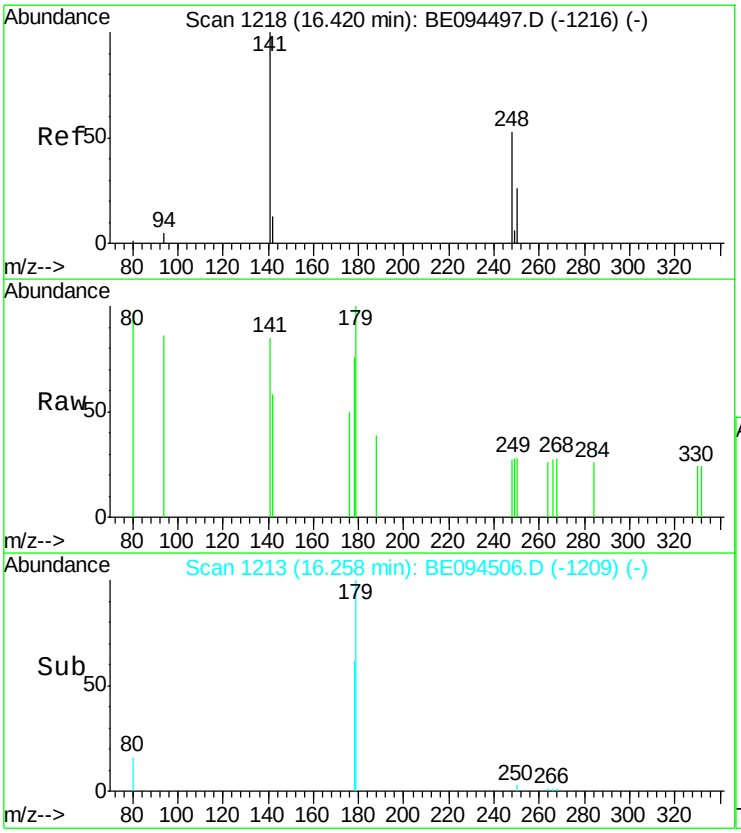
#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.24 min Scan# 1243
Delta R.T. 0.00 min
Lab File: BE094506.D
Acq: 23 Oct 2017 21:35

Instrument :
BNA_E
ClientSampleId :
20170723-C-A-COMP2

Tgt Ion:188 Resp: 12881

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

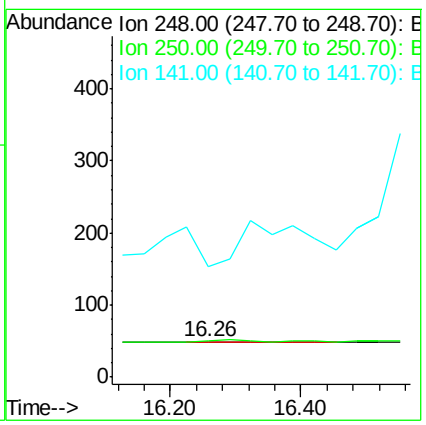


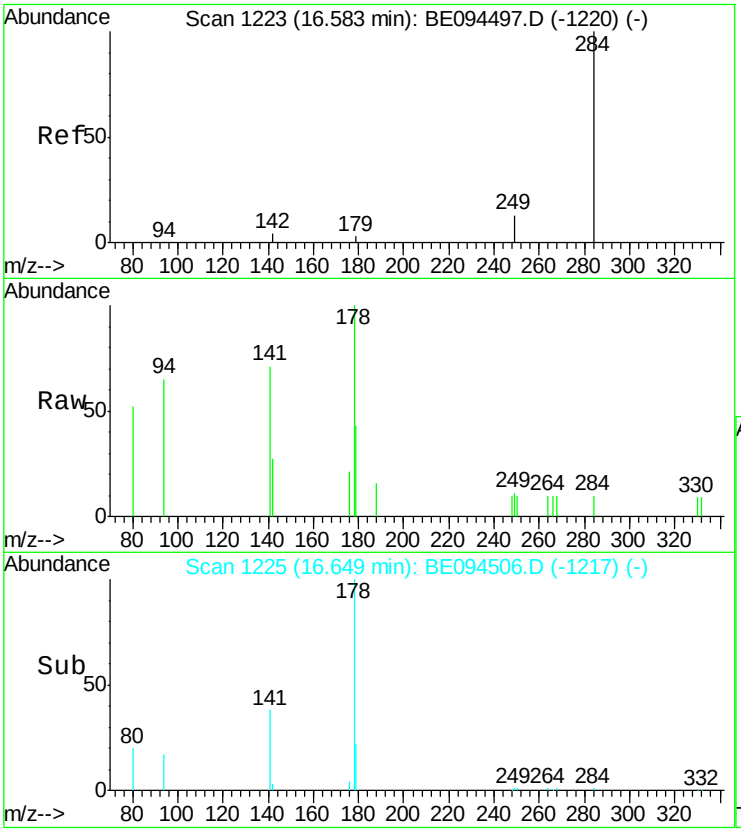


#20
4-Bromophenyl-phenylether
Concen: 0.00 ng
RT: 16.26 min Scan# 1213
Delta R.T. -0.16 min
Lab File: BE094506.D
Acq: 23 Oct 2017 21:35

Tgt Ion:248 Resp: 10

Ion	Ratio	Lower	Upper
248	100		
250	102.0	62.7	94.1#
141	312.2	48.2	72.2#



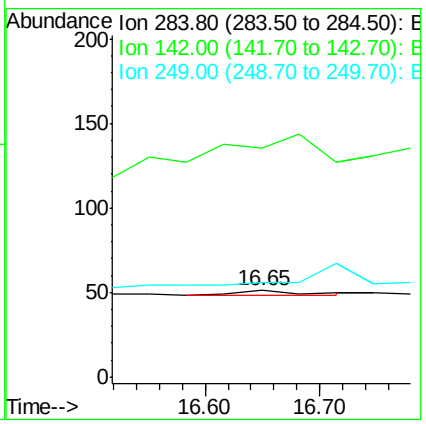


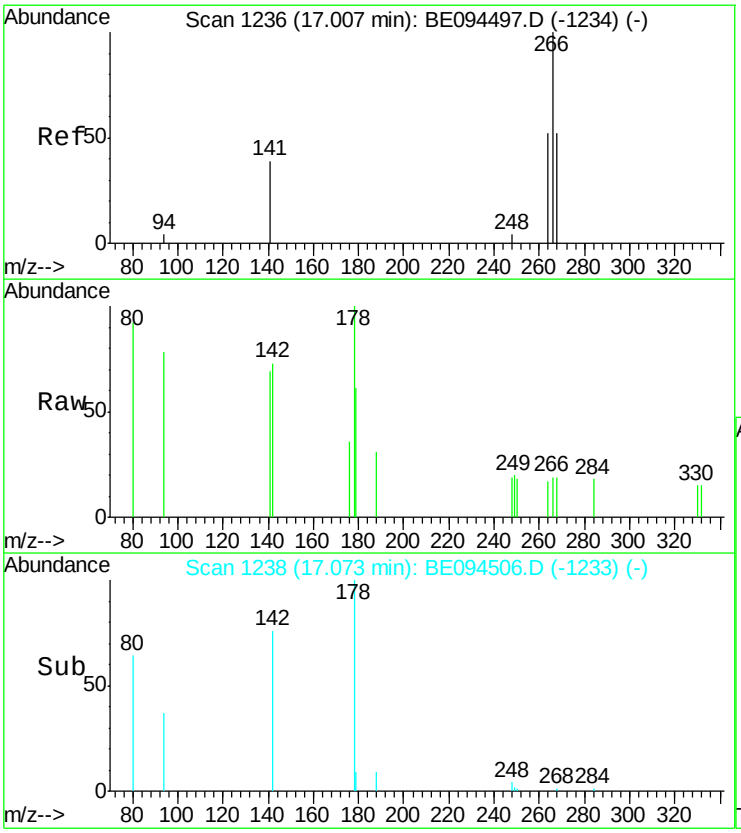
#21
Hexachlorobenzene
Concen: 0.00 ng
RT: 16.65 min Scan# 1225
Delta R.T. 0.07 min
Lab File: BE094506.D
Acq: 23 Oct 2017 21:35

Instrument :
BNA_E
ClientSampleId :
20170723-C-A-COMP2

Tgt Ion:284 Resp: 14

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

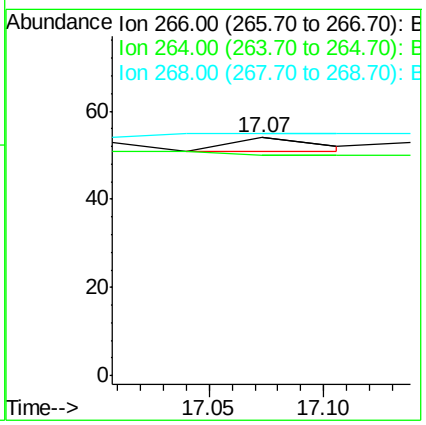


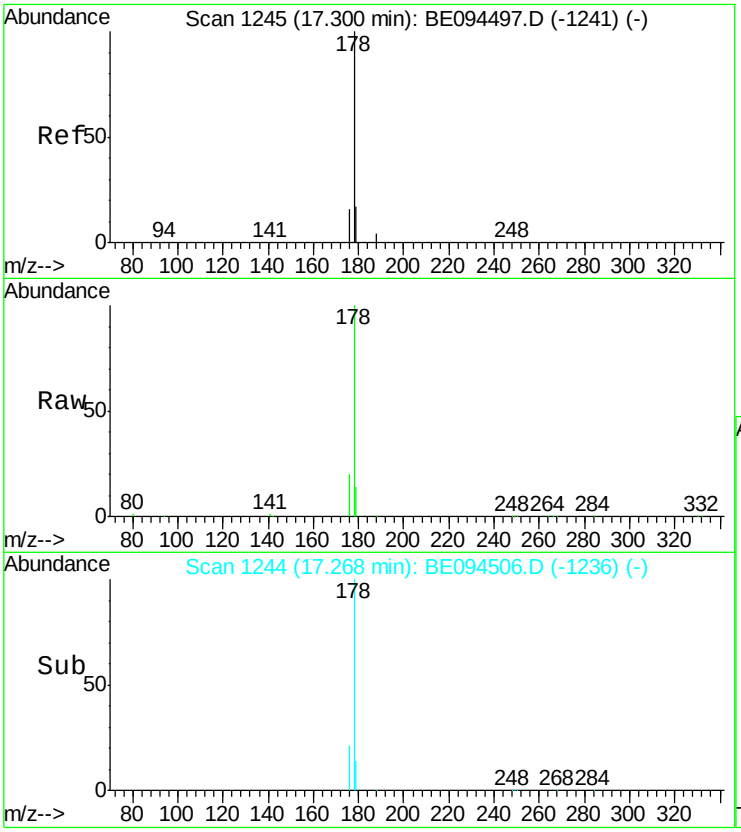


#22
Pentachlorophenol
Concen: 0.01 ng
RT: 17.07 min Scan# 1238
Delta R.T. 0.07 min
Lab File: BE094506.D
Acq: 23 Oct 2017 21:35

Tgt Ion:266 Resp: 8

Ion	Ratio	Lower	Upper
266	100		
264	92.6	72.5	108.7
268	101.9	73.8	110.6



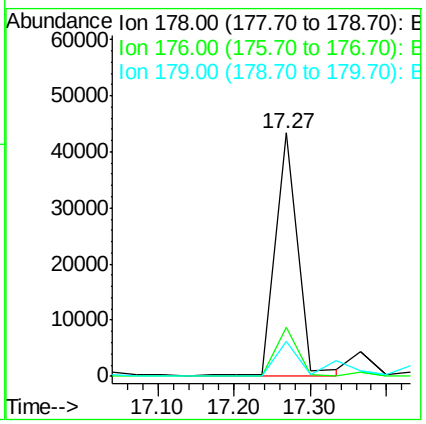


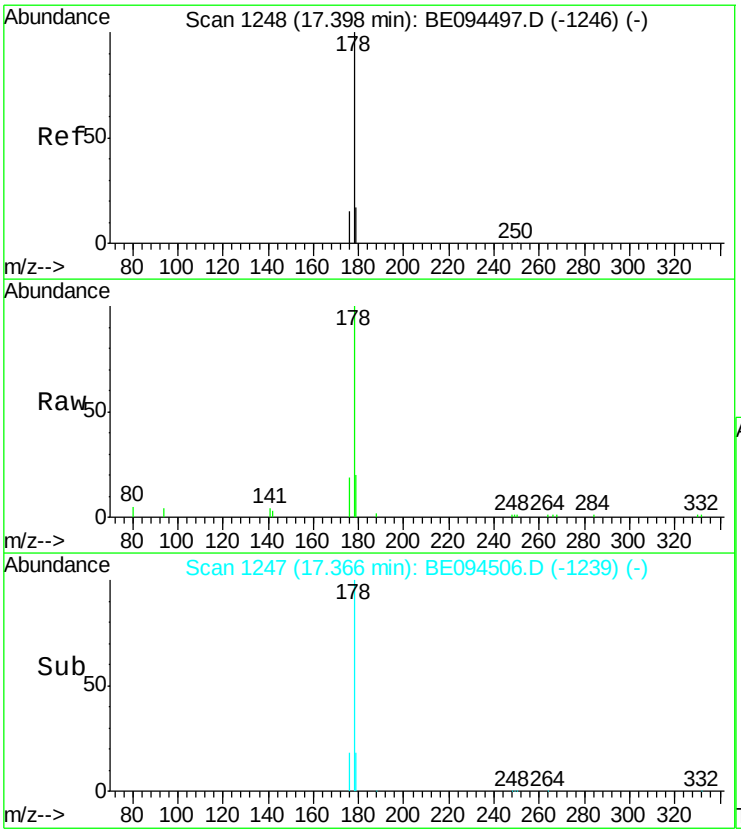
#23
Phenanthrene
Concen: 2.95 ng
RT: 17.27 min Scan# 1244
Delta R.T. -0.03 min
Lab File: BE094506.D
Acq: 23 Oct 2017 21:35

Instrument :
BNA_E
ClientSampleId :
20170723-C-A-COMP2

Tgt Ion:178 Resp: 88314

Ion	Ratio	Lower	Upper
178	100		
176	19.8	15.1	22.7
179	21.8	11.8	17.6#

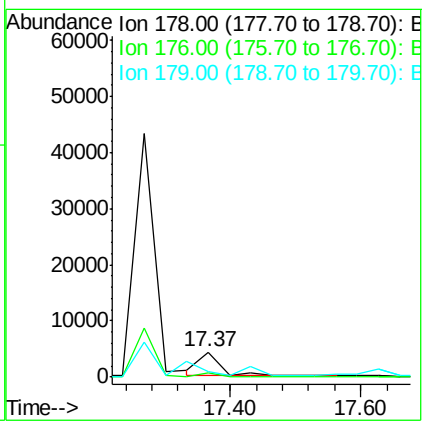


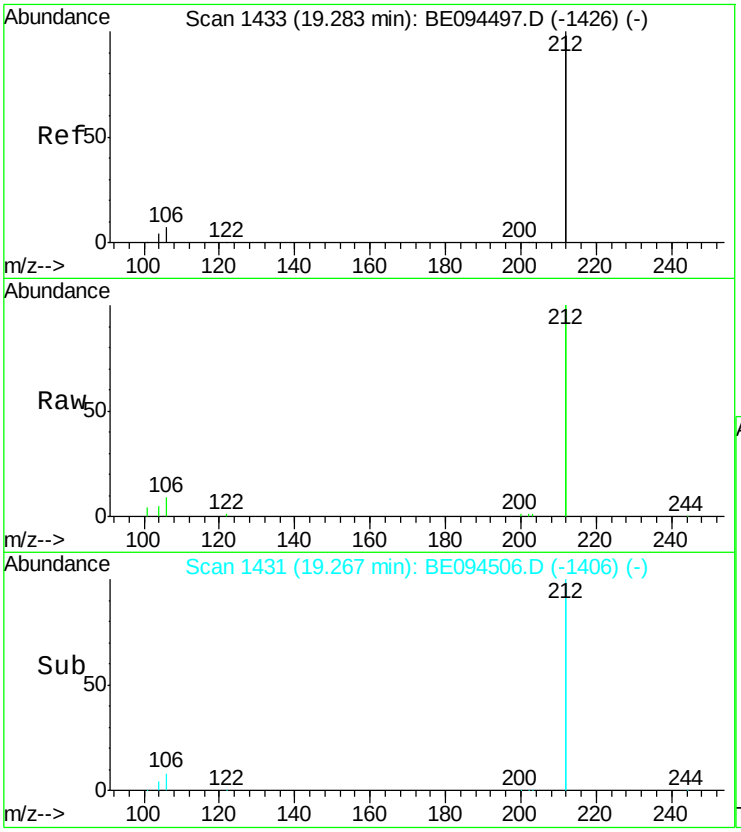


#24
Anthracene
Concen: 0.26 ng
RT: 17.37 min Scan# 1247
Delta R.T. -0.03 min
Lab File: BE094506.D
Acq: 23 Oct 2017 21:35

Tgt Ion:178 Resp: 9738

Ion	Ratio	Lower	Upper
178	100		
176	16.2	12.8	19.2
179	0.0	13.0	19.6#



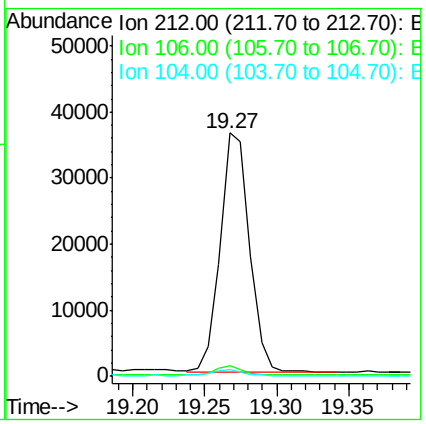


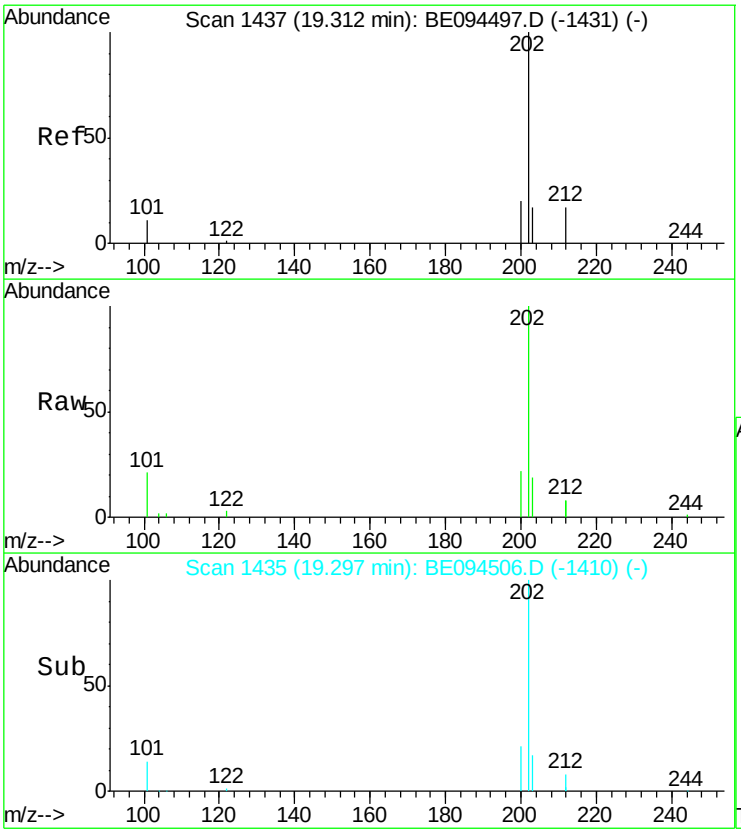
#25
Fluoranthene-d10
Concen: 0.31 ng
RT: 19.27 min Scan# 1431
Delta R.T. -0.01 min
Lab File: BE094506.D
Acq: 23 Oct 2017 21:35

Instrument :
BNA_E
ClientSampleId :
20170723-C-A-COMP2

Tgt Ion:212 Resp: 51566

Ion	Ratio	Lower	Upper
212	100		
106	3.6	2.8	4.2
104	2.1	1.6	2.4

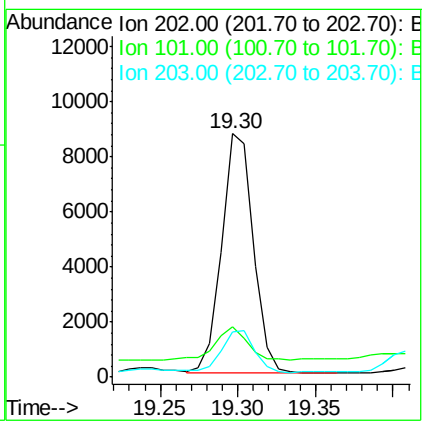


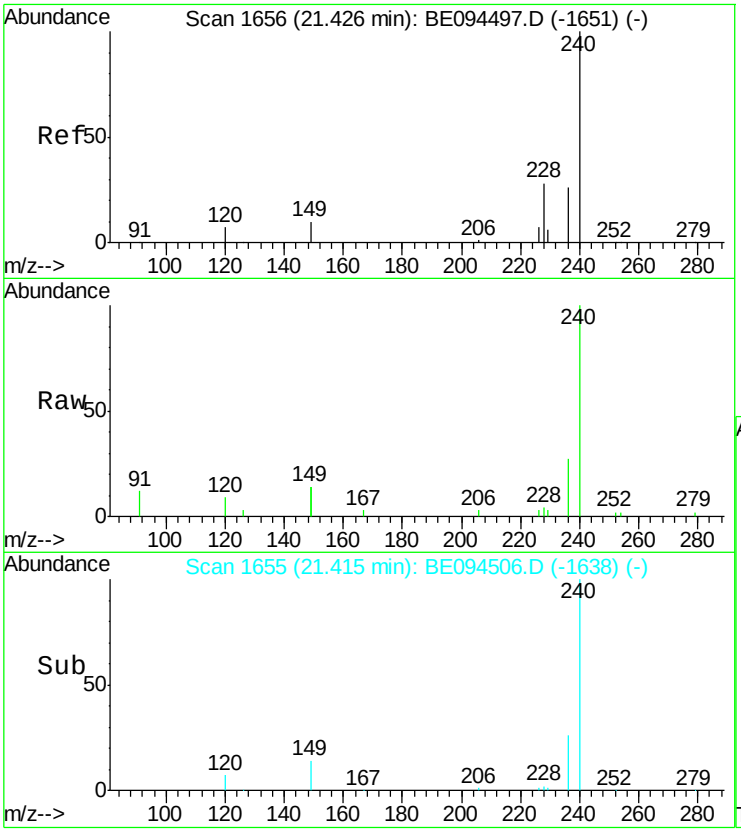


#26
Fluoranthene
Concen: 0.22 ng
RT: 19.30 min Scan# 1435
Delta R.T. -0.02 min
Lab File: BE094506.D
Acq: 23 Oct 2017 21:35

Tgt Ion:202 Resp: 12301

Ion	Ratio	Lower	Upper
202	100		
101	14.0	9.8	14.8
203	17.9	13.7	20.5



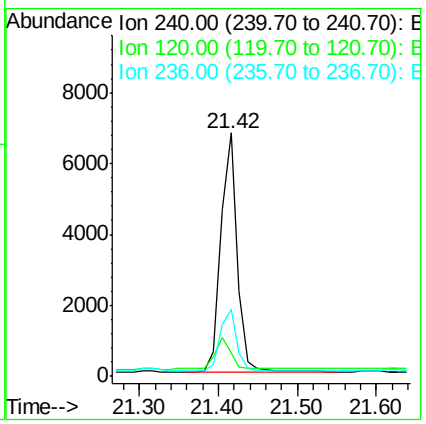


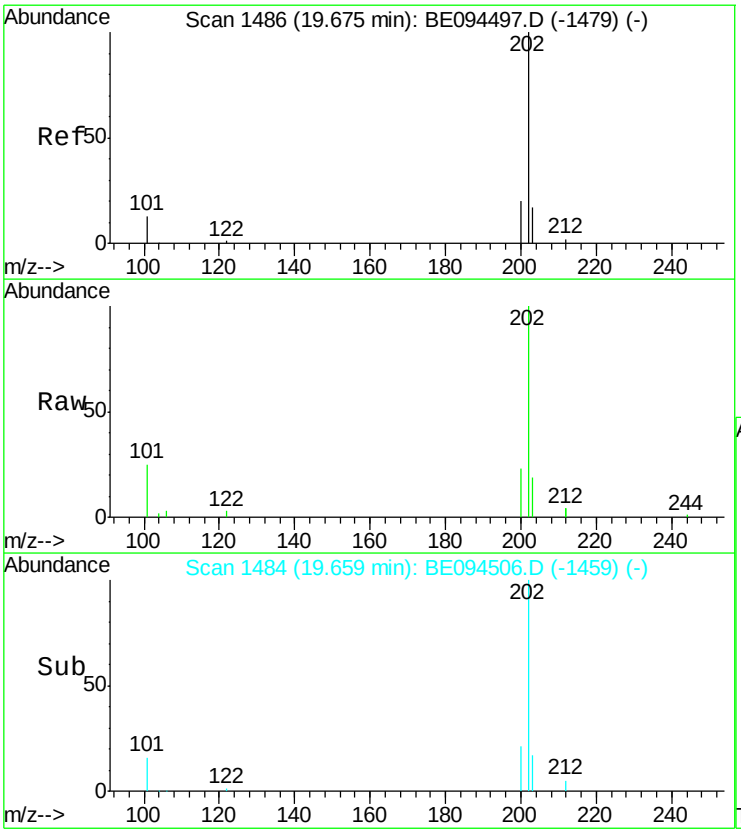
#27
Chrysene-d12
Concen: 0.40 ng
RT: 21.42 min Scan# 1655
Delta R.T. -0.01 min
Lab File: BE094506.D
Acq: 23 Oct 2017 21:35

Instrument :
BNA_E
ClientSampleId :
20170723-C-A-COMP2

Tgt Ion:240 Resp: 9790

Ion	Ratio	Lower	Upper
240	100		
120	9.5	5.5	8.3#
236	27.4	20.7	31.1

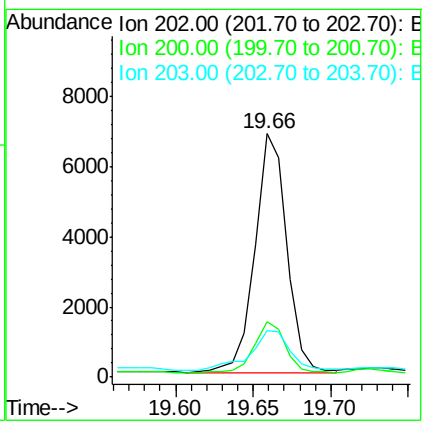


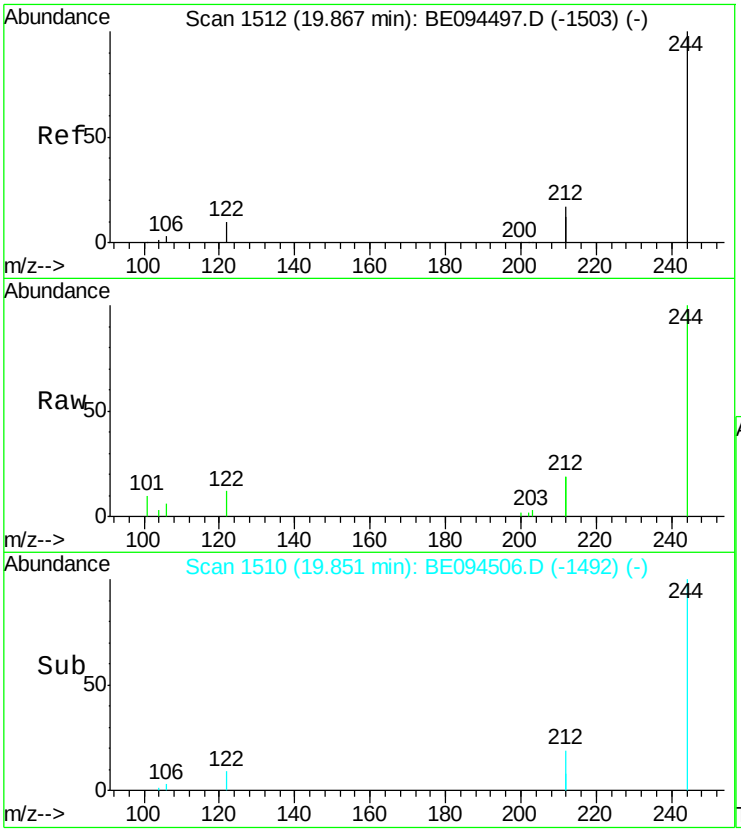


#28
Pyrene
Concen: 0.28 ng
RT: 19.66 min Scan# 1484
Delta R.T. -0.02 min
Lab File: BE094506.D
Acq: 23 Oct 2017 21:35

Tgt Ion:202 Resp: 9678

Ion	Ratio	Lower	Upper
202	100		
200	21.2	16.6	25.0
203	21.1	13.8	20.8#



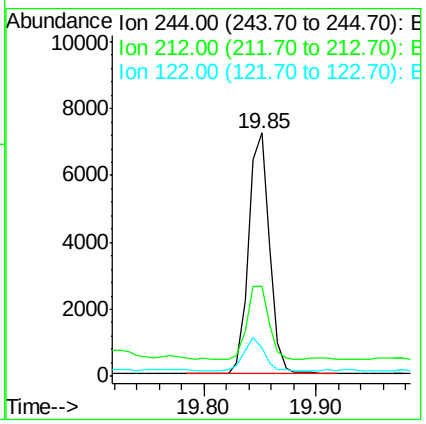


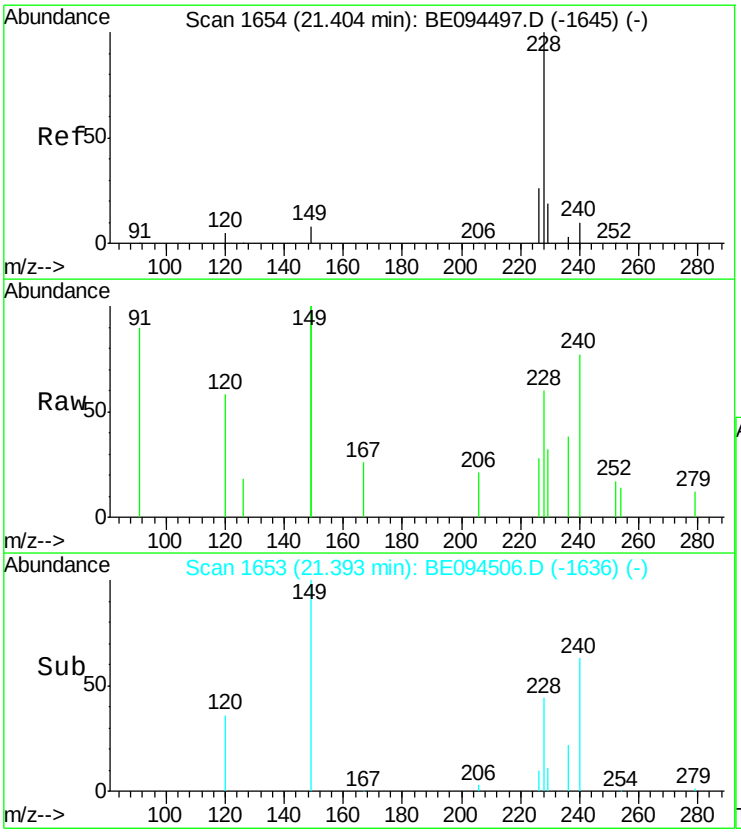
#29
Terphenyl-d14
Concen: 0.51 ng
RT: 19.85 min Scan# 1510
Delta R.T. -0.02 min
Lab File: BE094506.D
Acq: 23 Oct 2017 21:35

Instrument :
BNA_E
ClientSampleId :
20170723-C-A-COMP2

Tgt Ion:244 Resp: 9379

Ion	Ratio	Lower	Upper
244	100		
212	37.2	25.4	38.0
122	12.0	8.1	12.1

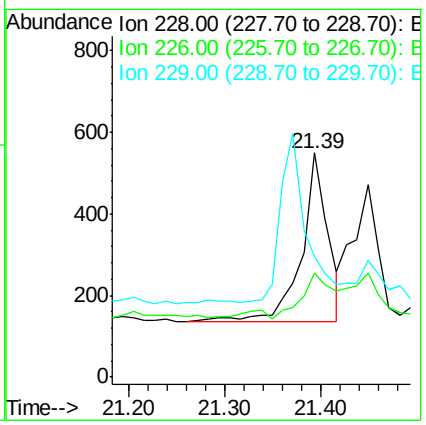


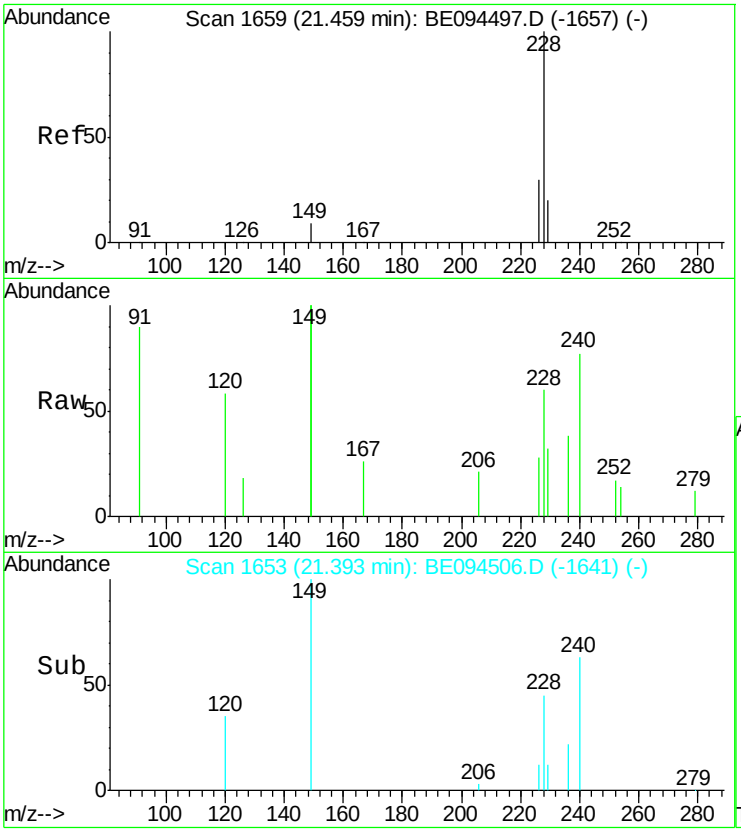


#30
Benzo(a)anthracene
Concen: 0.03 ng
RT: 21.39 min Scan# 1653
Delta R.T. -0.01 min
Lab File: BE094506.D
Acq: 23 Oct 2017 21:35

Tgt Ion:228 Resp: 798

Ion	Ratio	Lower	Upper
228	100		
226	46.5	40.0	60.0
229	53.6	40.0	60.0



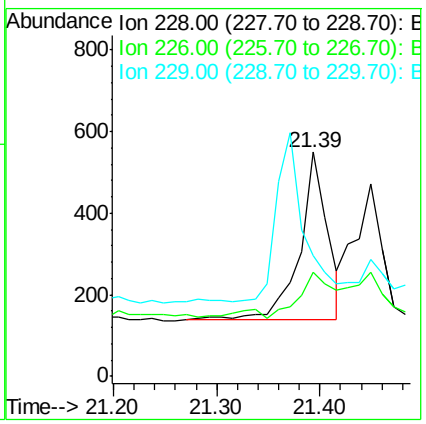


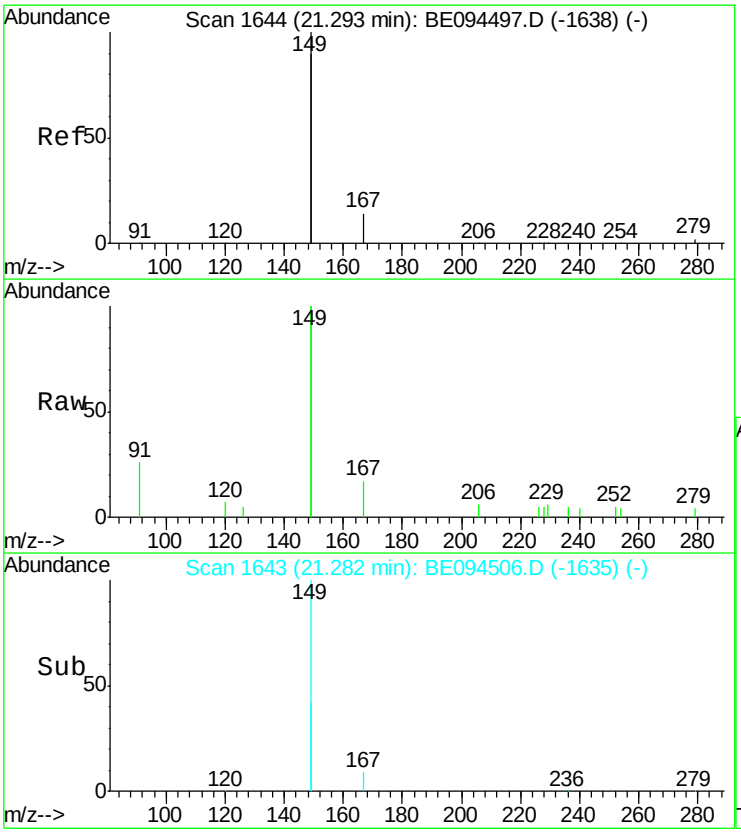
#31
Chrysene
Concen: 0.02 ng
RT: 21.39 min Scan# 1653
Delta R.T. -0.07 min
Lab File: BE094506.D
Acq: 23 Oct 2017 21:35

Instrument :
BNA_E
ClientSampleId :
20170723-C-A-COMP2

Tgt Ion:228 Resp: 770

Ion	Ratio	Lower	Upper
228	100		
226	46.5	40.0	60.0
229	53.6	40.0	60.0

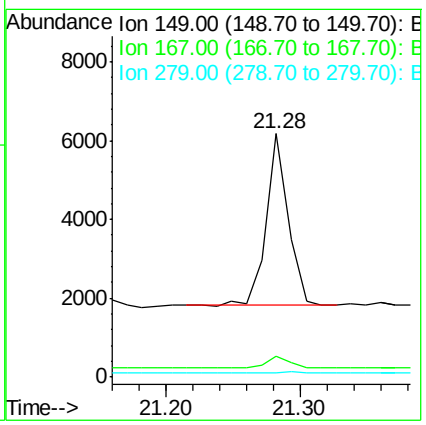


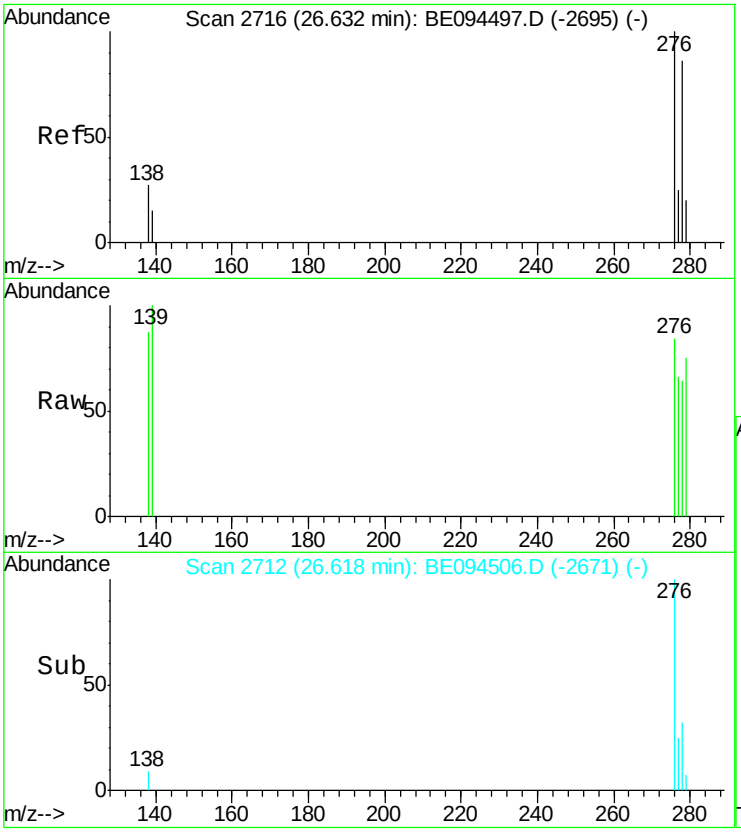


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.06 ng
RT: 21.28 min Scan# 1643
Delta R.T. -0.01 min
Lab File: BE094506.D
Acq: 23 Oct 2017 21:35

Tgt Ion:149 Resp: 5026

Ion	Ratio	Lower	Upper
149	100		
167	8.5	5.4	8.0#
279	1.7	0.7	1.1#



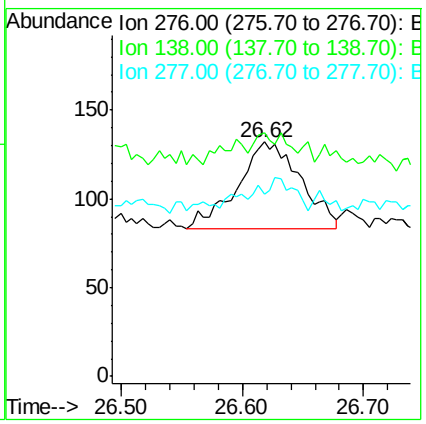


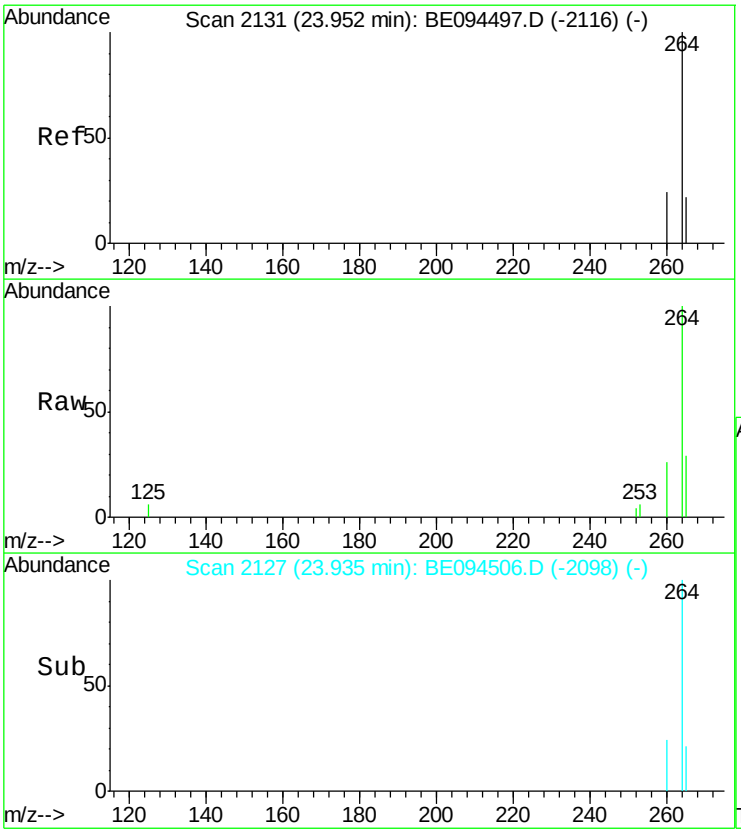
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.01 ng
RT: 26.62 min Scan# 2712
Delta R.T. -0.01 min
Lab File: BE094506.D
Acq: 23 Oct 2017 21:35

Instrument :
BNA_E
ClientSampleId :
20170723-C-A-COMP2

Tgt Ion:276 Resp: 178

Ion	Ratio	Lower	Upper
276	100		
138	5.6	22.5	33.7#
277	19.7	19.9	29.9#

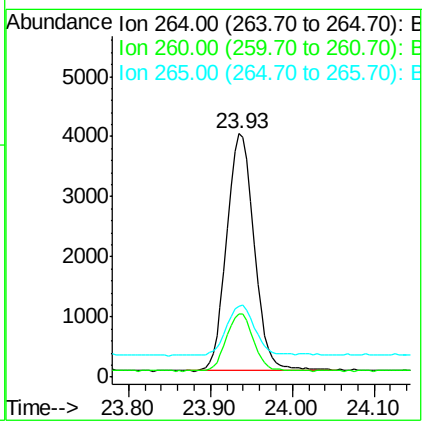


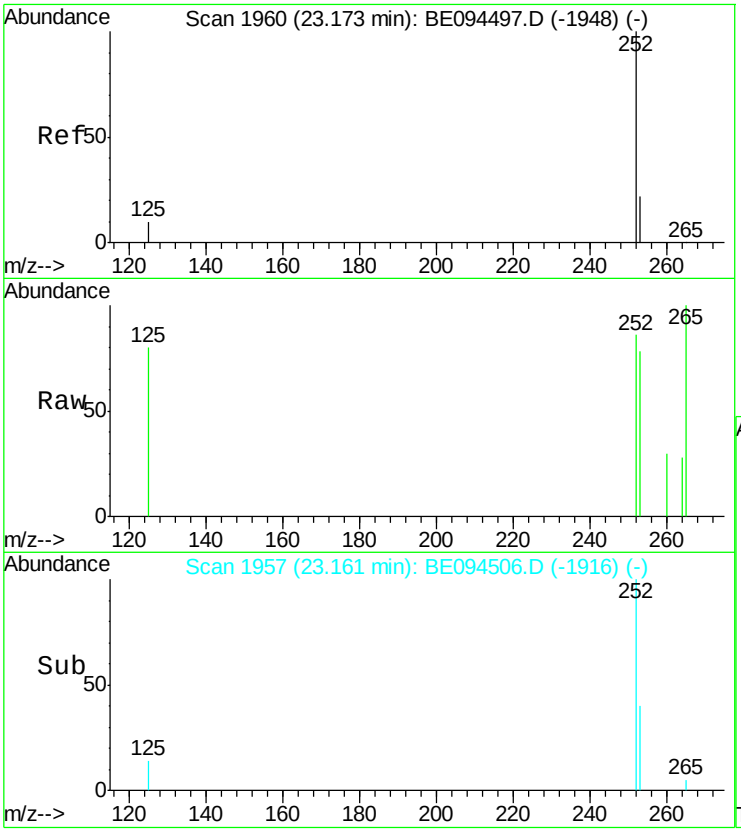


#34
Perylene-d12
Concen: 0.40 ng
RT: 23.93 min Scan# 2127
Delta R.T. -0.02 min
Lab File: BE094506.D
Acq: 23 Oct 2017 21:35

Tgt Ion:264 Resp: 9168

Ion	Ratio	Lower	Upper
264	100		
260	26.1	20.5	30.7
265	29.3	22.8	34.2



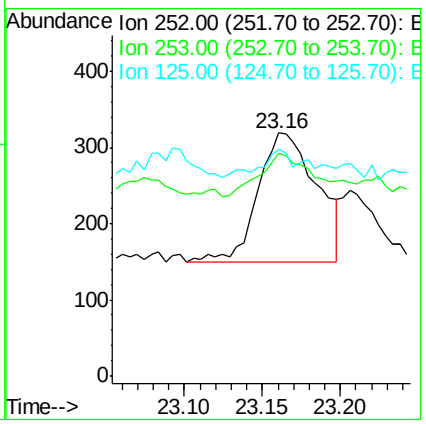


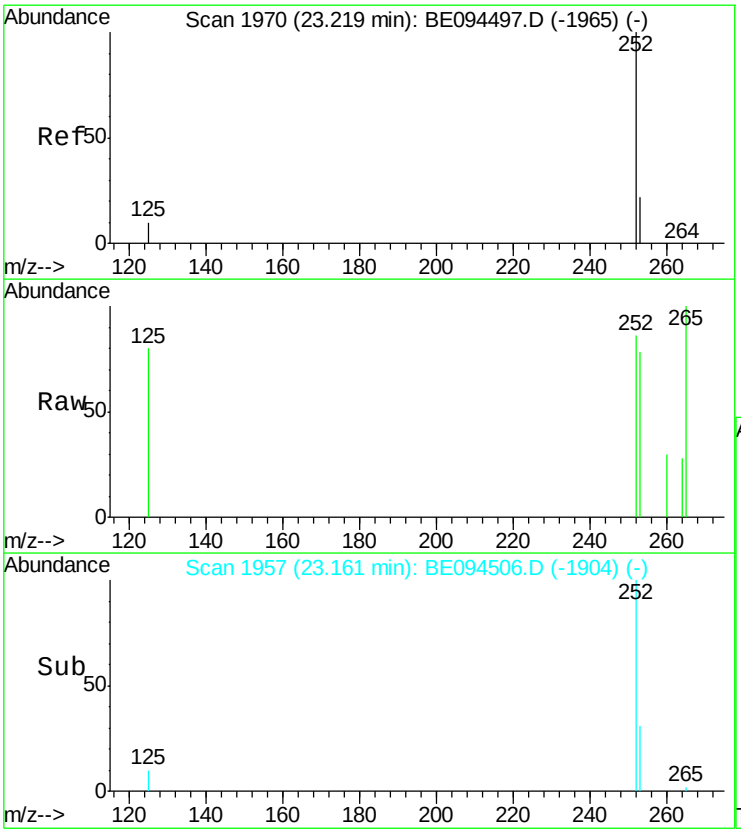
#35
Benzo(b)fluoranthene
Concen: 0.02 ng
RT: 23.16 min Scan# 1957
Delta R.T. -0.01 min
Lab File: BE094506.D
Acq: 23 Oct 2017 21:35

Instrument :
BNA_E
ClientSampleId :
20170723-C-A-COMP2

Tgt Ion:252 Resp: 449

Ion	Ratio	Lower	Upper
252	100		
253	91.5	48.0	72.0#
125	93.4	56.0	84.0#

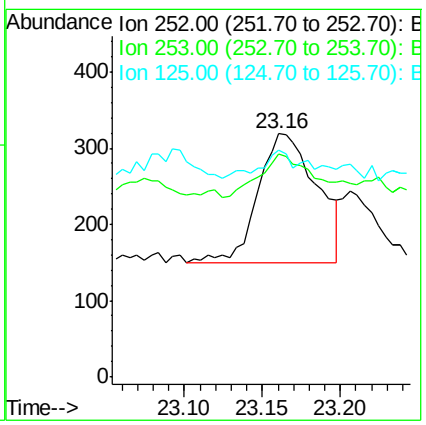


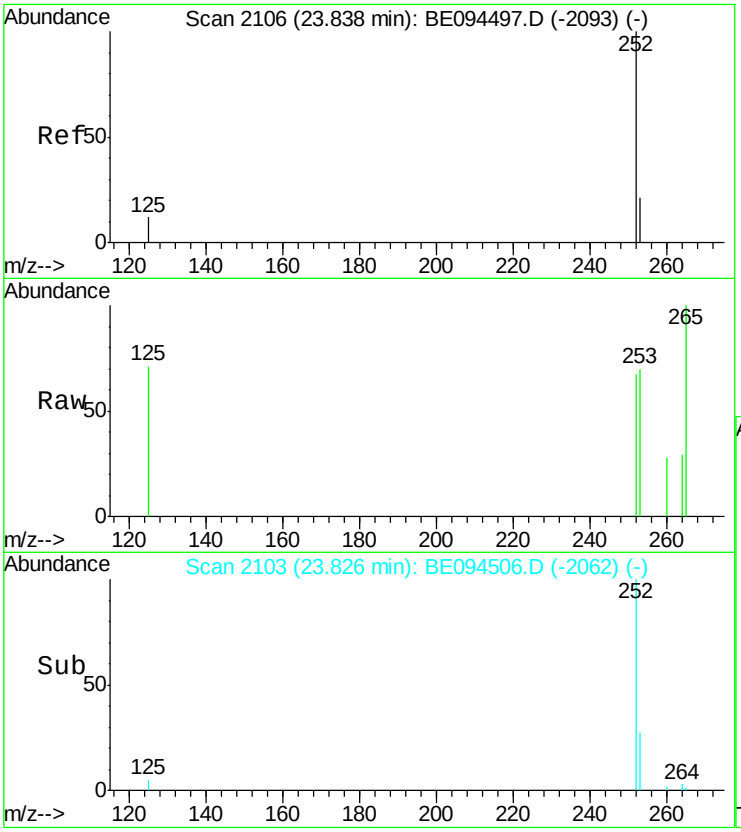


#36
Benzo(k)fluoranthene
Concen: 0.01 ng
RT: 23.16 min Scan# 1957
Delta R.T. -0.06 min
Lab File: BE094506.D
Acq: 23 Oct 2017 21:35

Tgt Ion:252 Resp: 449

Ion	Ratio	Lower	Upper
252	100		
253	91.5	48.0	72.0#
125	93.4	56.0	84.0#



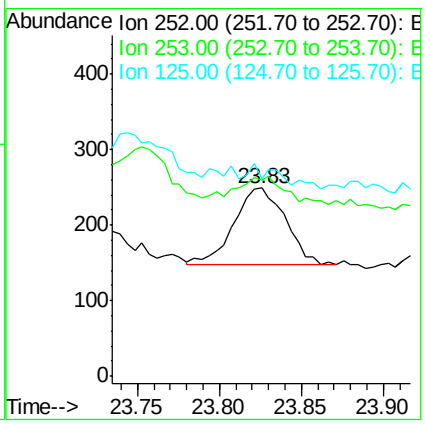


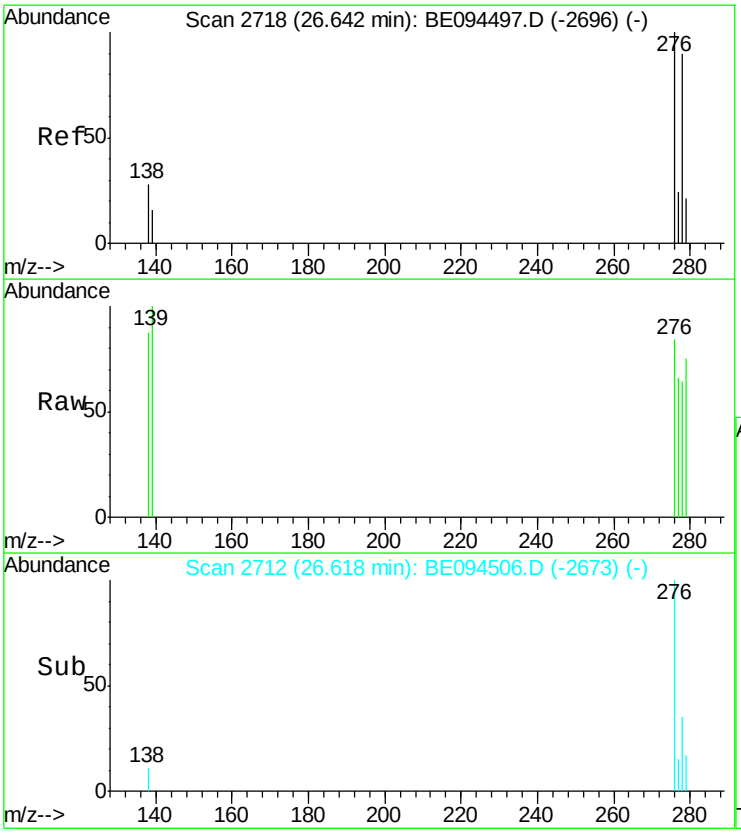
#37
Benzo(a)pyrene
Concen: 0.01 ng
RT: 23.83 min Scan# 2103
Delta R.T. -0.01 min
Lab File: BE094506.D
Acq: 23 Oct 2017 21:35

Instrument :
BNA_E
ClientSampleId :
20170723-C-A-COMP2

Tgt Ion:252 Resp: 224

Ion	Ratio	Lower	Upper
252	100		
253	104.0	52.0	78.0#
125	105.2	68.0	102.0#

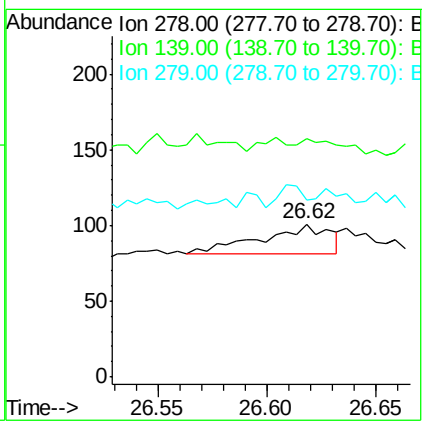


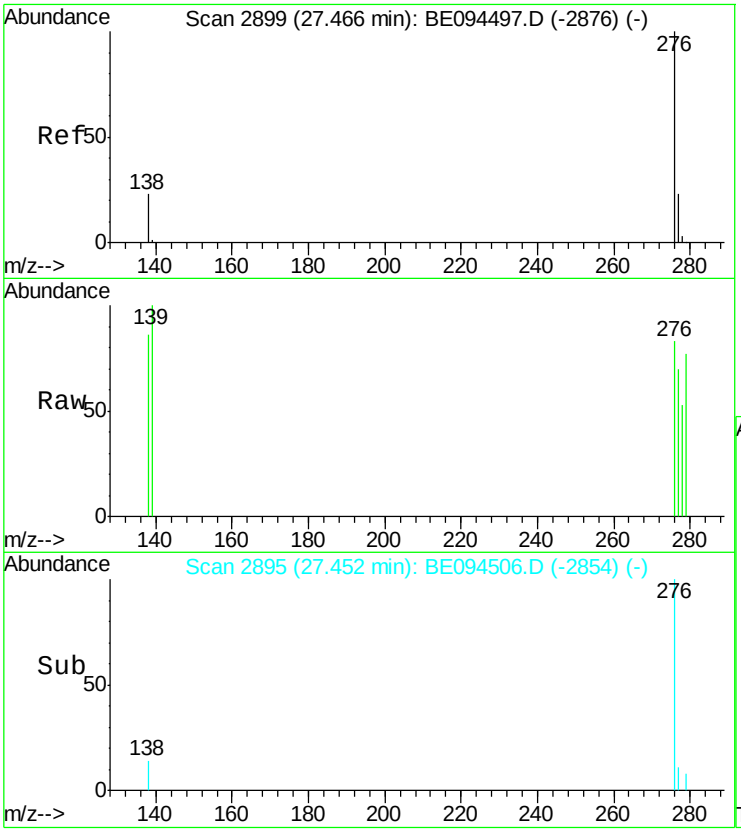


#38
Dibenzo(a,h)anthracene
Concen: 0.00 ng
RT: 26.62 min Scan# 2712
Delta R.T. -0.02 min
Lab File: BE094506.D
Acq: 23 Oct 2017 21:35

Tgt Ion:278 Resp: 44

Ion	Ratio	Lower	Upper
278	100		
139	155.4	56.0	84.0#
279	115.8	52.0	78.0#





#39
Benzo(g,h,i)perylene
Concen: 0.01 ng
RT: 27.45 min Scan# 2895
Delta R.T. -0.01 min
Lab File: BE094506.D
Acq: 23 Oct 2017 21:35

Instrument :
BNA_E
ClientSampleId :
20170723-C-A-COMP2

Tgt Ion:276 Resp: 155

Ion	Ratio	Lower	Upper
276	100		
277	84.6	52.0	78.0#
138	104.1	44.0	66.0#