Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE101917\
Data File : BE094464.D
Acq On : 20 Oct 2017 2:23
Operator : SJ/JU
Sample : I5819-09
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : 3910-SPP3

Quant Time: Oct 20 12:44:56 2017
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE101617.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 16 14:54:40 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.90	152	1424	0.40	ng		-0.02
7) Naphthalene-d8	10.69	136	7716	0.40	ng		-0.02
13) Acenaphthene-d10	14.51	164	4558	0.40	ng		-0.01
19) Phenanthrene-d10	17.24	188	13004	0.40	ng		-0.03
27) Chrysene-d12	21.42	240	10540	0.40	ng		-0.01
34) Perylene-d12	23.94	264	9897	0.40	ng		-0.02
System Monitoring Compounds							
4) 2-Fluorophenol	5.52	112	1003	0.21	ng		0.00
5) Phenol-d6	7.14	99	990	0.13	ng		0.00
8) Nitrobenzene-d5	9.06	82	3040	0.45	ng		-0.02
11) 2-Methylnaphthalene-d10	12.28	152	5476	0.46	ng		-0.01
14) 2,4,6-Tribromophenol	16.03	330	575	0.33	ng		0.00
15) 2-Fluorobiphenyl	13.13	172	7940	0.49	ng		-0.01
25) Fluoranthene-d10	19.27	212	56695	0.27	ng		-0.02
29) Terphenyl-d14	19.86	244	11444	0.54	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.42	88	345	0.081	ng	#	67
3) n-Nitrosodimethylamine	3.71	42	156	0.063	ng	#	2
6) bis(2-Chloroethyl)ether	7.25	93	642	0.116	ng	#	1
9) Naphthalene	10.74	128	371	0.004	ng	#	66
10) Hexachlorobutadiene	10.96	225	5	0.001	ng	#	17
12) 2-Methylnaphthalene	12.35	142	31	0.002	ng	#	39
16) Acenaphthylene	14.24	152	202	0.008	ng	#	59
17) Acenaphthene	14.57	154	36	0.002	ng	#	64
18) Fluorene	15.56	166	80	0.004	ng	#	43
20) 4-Bromophenyl-phenylether	16.42	248	12	0.002	ng	#	1
21) Hexachlorobenzene	16.49	284	18	0.028	ng	#	38
22) Pentachlorophenol	16.94	266	72	0.209	ng		94
23) Phenanthrene	17.27	178	434	0.008	ng	#	83
24) Anthracene	17.37	178	399	0.010	ng	#	63
26) Fluoranthene	19.30	202	566	0.009	ng	#	79
28) Pyrene	19.67	202	531	0.013	ng	#	76
30) Benzo(a)anthracene	21.40	228	317	0.009	ng	#	58
31) Chrysene	21.46	228	286	0.008	ng	#	51
32) Bis(2-ethylhexyl)phthalate	21.29	149	148588	1.415	ng		100
33) Indeno(1,2,3-cd)pyrene	26.64	276	184	0.005	ng	#	64
35) Benzo(b)fluoranthene	23.17	252	446	0.013	ng	#	40
36) Benzo(k)fluoranthene	23.17	252	446	0.013	ng	#	40
37) Benzo(a)pyrene	23.83	252	204	0.006	ng	#	34
38) Dibenzo(a,h)anthracene	26.63	278	56	0.002	ng	#	1
39) Benzo(g,h,i)perylene	27.46	276	102	0.004	ng	#	45

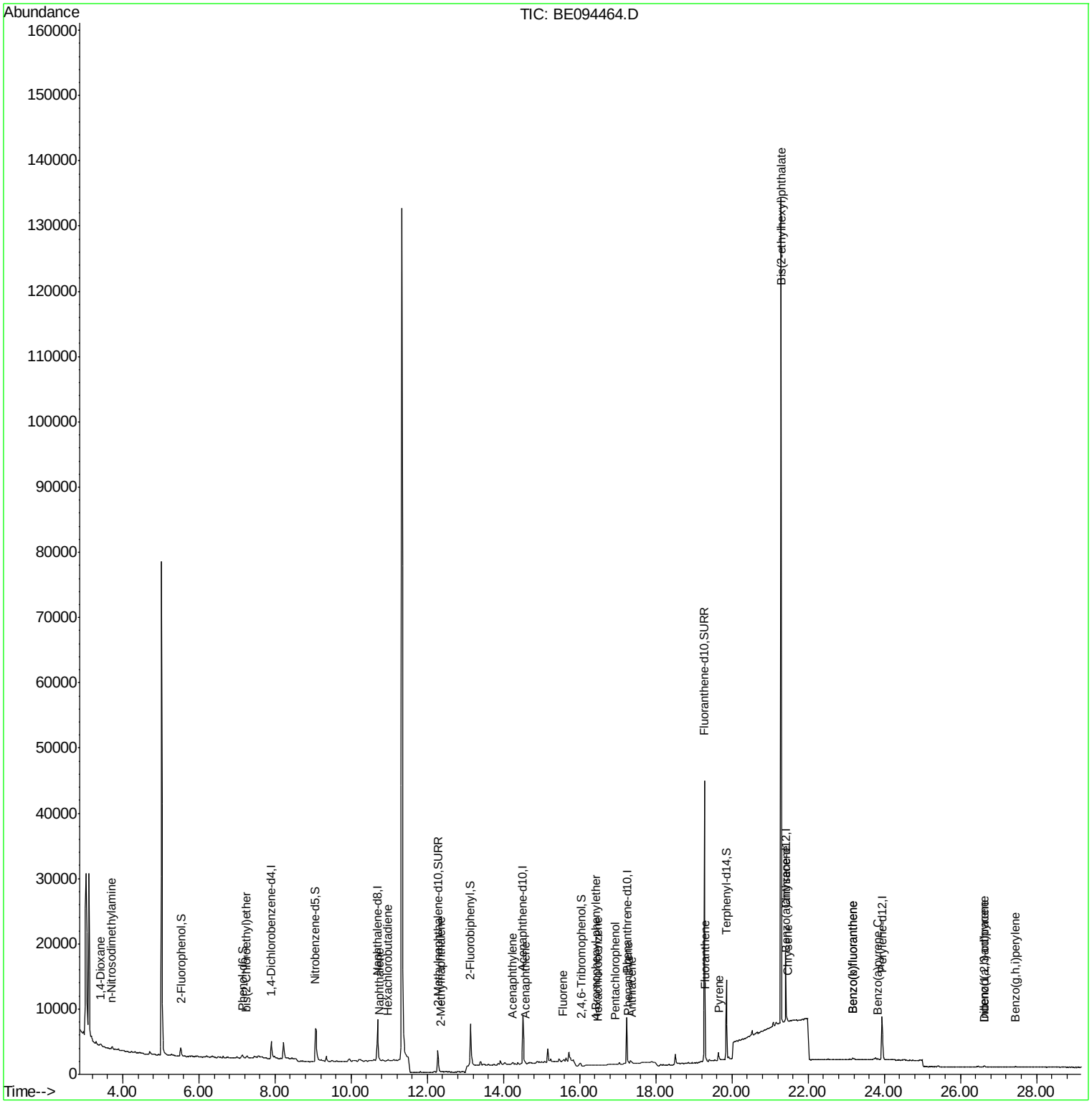
(#) = qualifier out of range (m) = manual integration (+) = signals summed

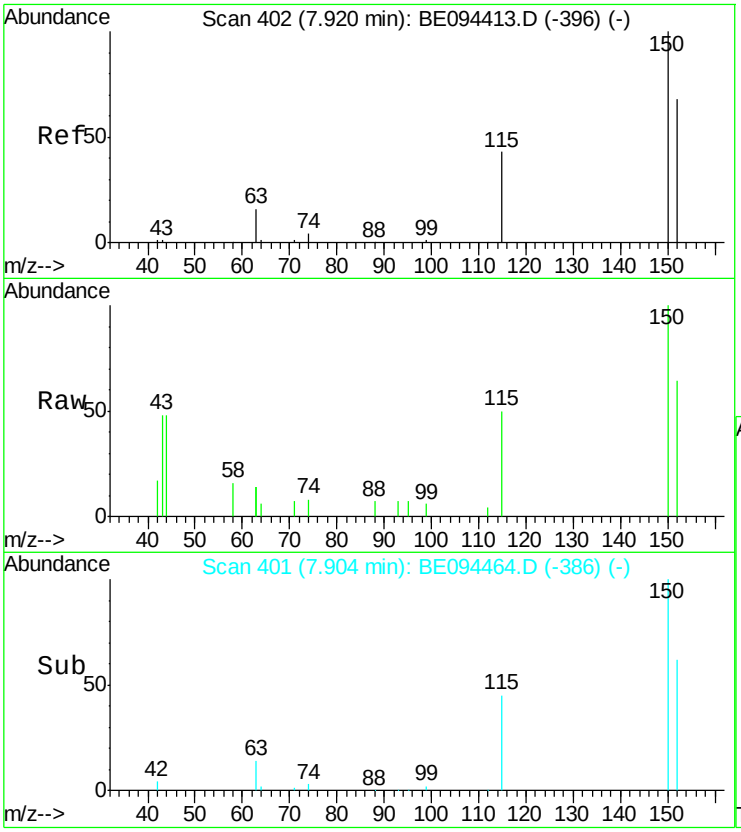
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE101917\
Data File : BE094464.D
Acq On : 20 Oct 2017 2:23
Operator : SJ/JU
Sample : I5819-09
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
3910-SPP3

Quant Time: Oct 20 12:44:56 2017
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE101617.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 16 14:54:40 2017
Response via : Initial Calibration



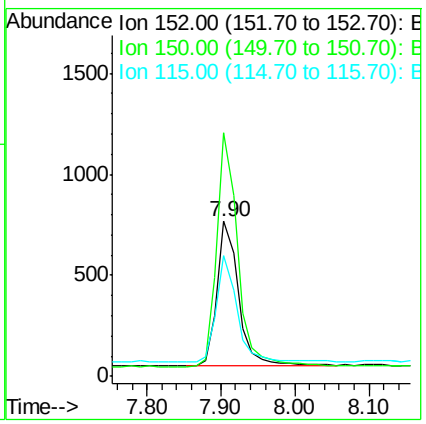


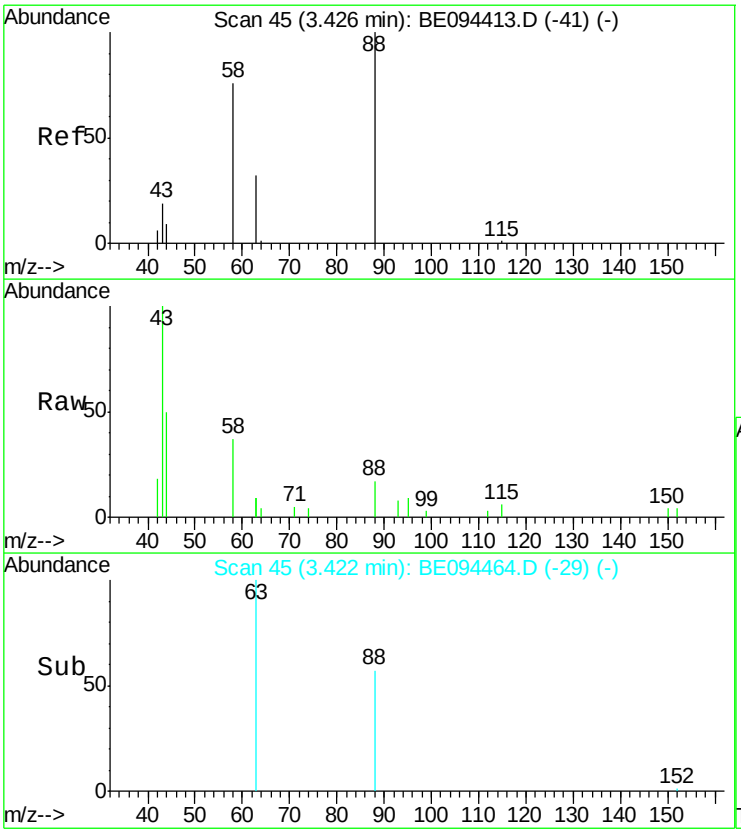
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.90 min Scan# 401
Delta R.T. -0.02 min
Lab File: BE094464.D
Acq: 20 Oct 2017 2:23

Instrument :
BNA_E
ClientSampleId :
3910-SPP3

Tgt Ion:152 Resp: 1424

Ion	Ratio	Lower	Upper
152	100		
150	157.2	117.2	175.8
115	78.4	57.0	85.6

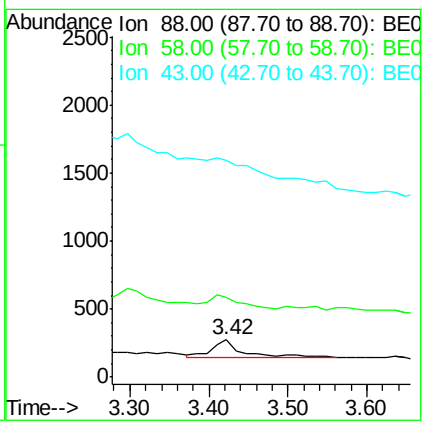


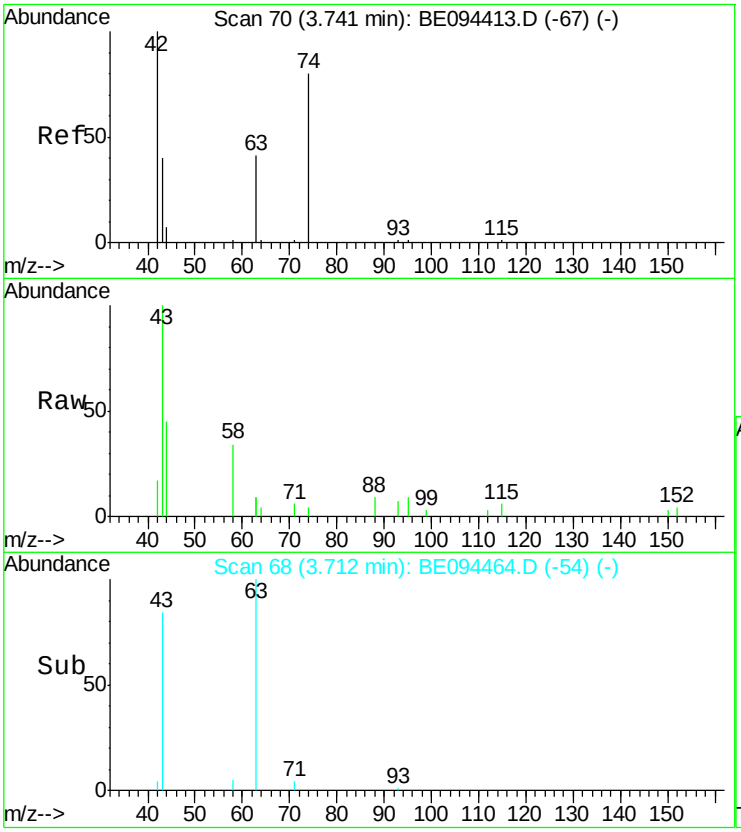


#2
1,4-Dioxane
Concen: 0.081 ng
RT: 3.42 min Scan# 45
Delta R.T. -0.00 min
Lab File: BE094464.D
Acq: 20 Oct 2017 2:23

Tgt Ion: 88 Resp: 345

Ion	Ratio	Lower	Upper
88	100		
58	73.0	63.2	94.8
43	0.0	41.2	61.8#



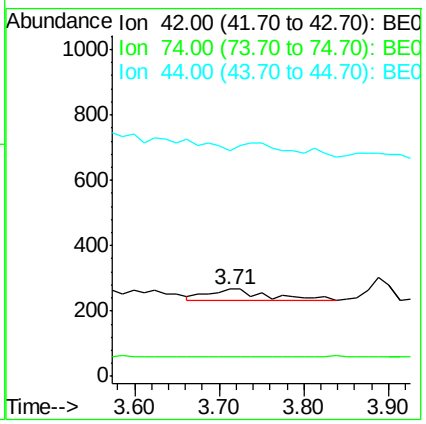


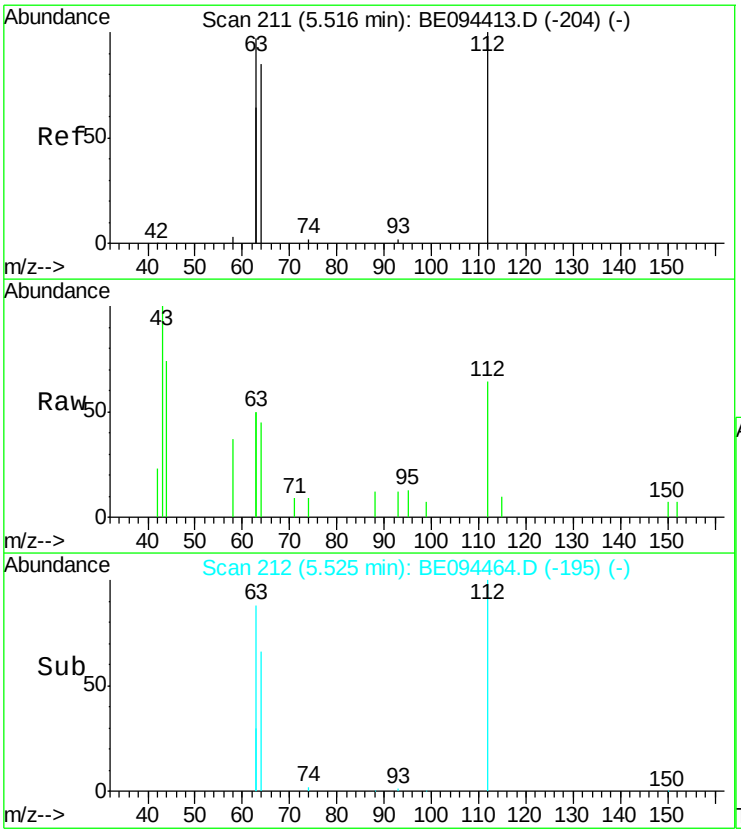
#3
n-Nitrosodimethylamine
Concen: 0.063 ng
RT: 3.71 min Scan# 68
Delta R.T. -0.03 min
Lab File: BE094464.D
Acq: 20 Oct 2017 2:23

Instrument :
BNA_E
ClientSampleId :
3910-SPP3

Tgt Ion: 42 Resp: 156

Ion	Ratio	Lower	Upper
42	100		
74	3.8	100.3	150.5#
44	0.0	17.0	25.4#

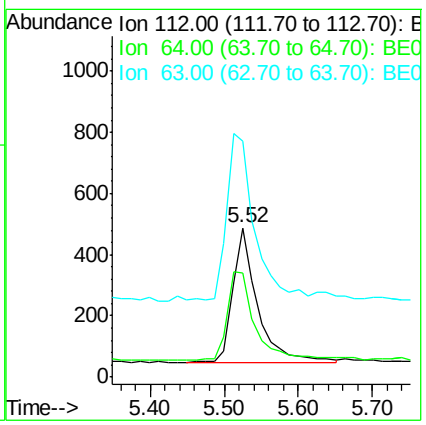


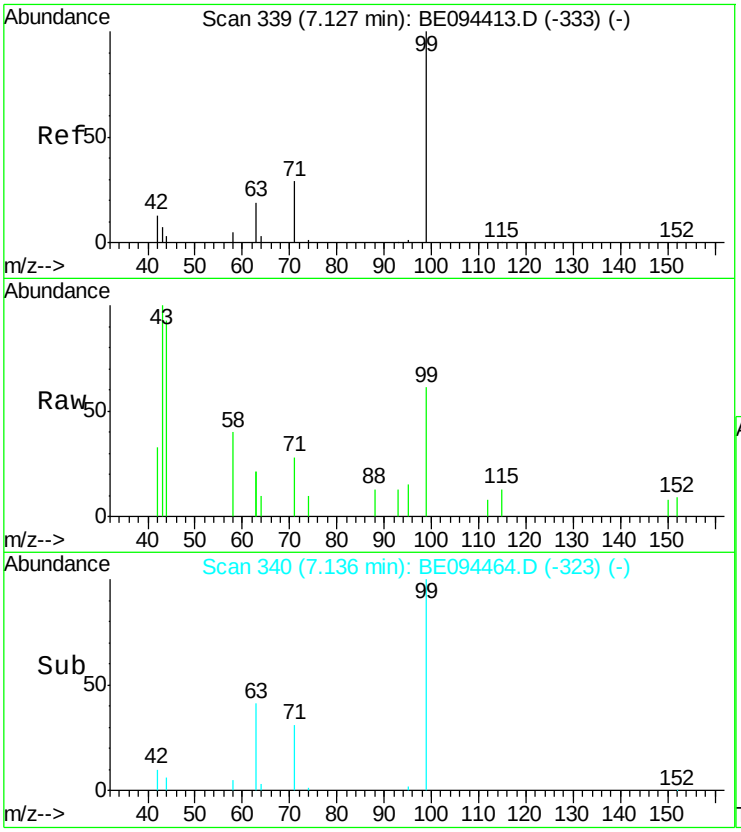


#4
2-Fluorophenol
Concen: 0.208 ng
RT: 5.52 min Scan# 212
Delta R.T. 0.01 min
Lab File: BE094464.D
Acq: 20 Oct 2017 2:23

Tgt Ion:112 Resp: 1003

Ion	Ratio	Lower	Upper
112	100		
64	75.2	60.1	90.1
63	138.6	116.8	175.2



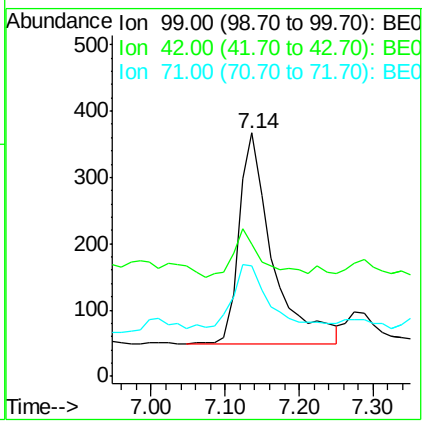


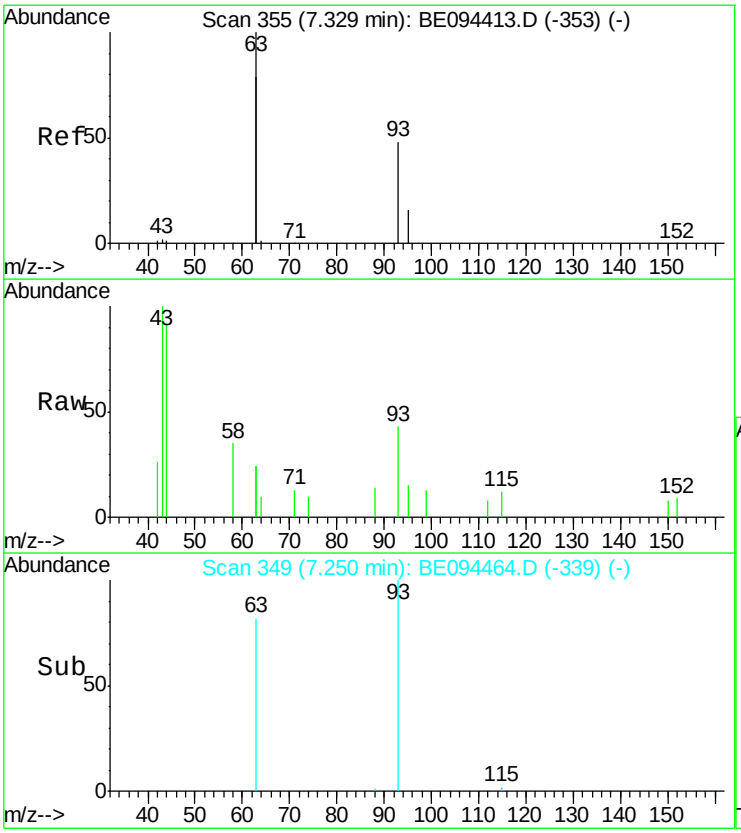
#5
Phenol-d6
Concen: 0.132 ng
RT: 7.14 min Scan# 340
Delta R.T. 0.01 min
Lab File: BE094464.D
Acq: 20 Oct 2017 2:23

Instrument :
BNA_E
ClientSampleId :
3910-SPP3

Tgt Ion: 99 Resp: 990

Ion	Ratio	Lower	Upper
99	100		
42	19.8	20.2	30.2#
71	32.0	28.4	42.6

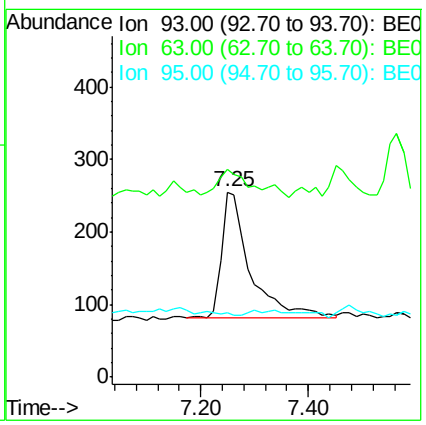


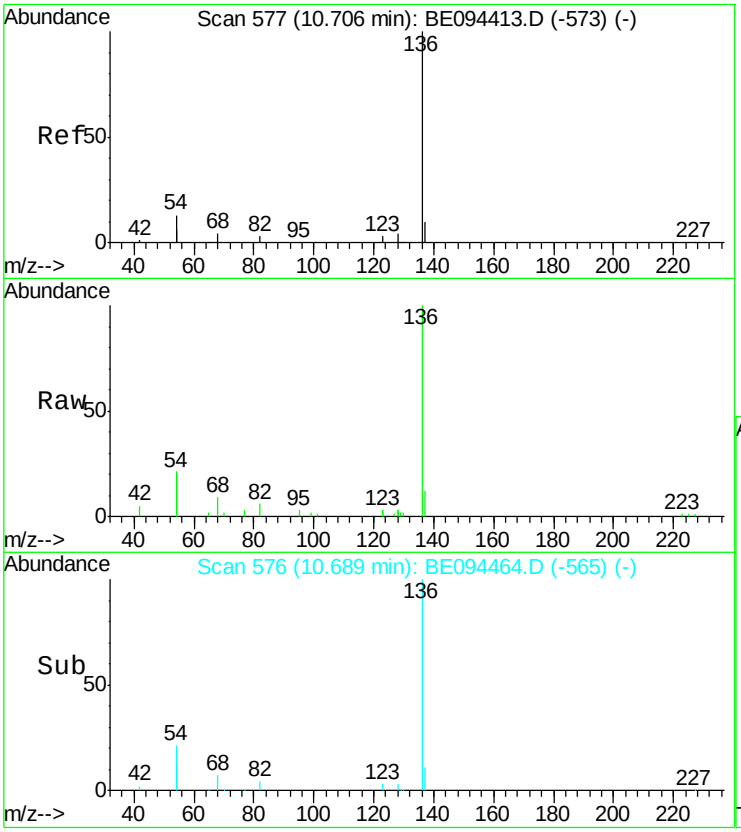


#6
bis(2-Chloroethyl)ether
Concen: 0.116 ng
RT: 7.25 min Scan# 349
Delta R.T. -0.08 min
Lab File: BE094464.D
Acq: 20 Oct 2017 2:23

Tgt Ion: 93 Resp: 642

Ion	Ratio	Lower	Upper
93	100		
63	17.4	275.3	412.9#
95	0.0	25.2	37.8#



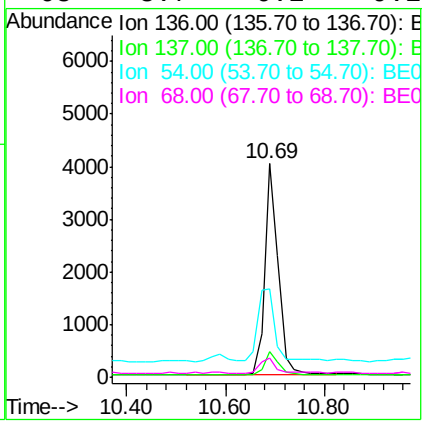


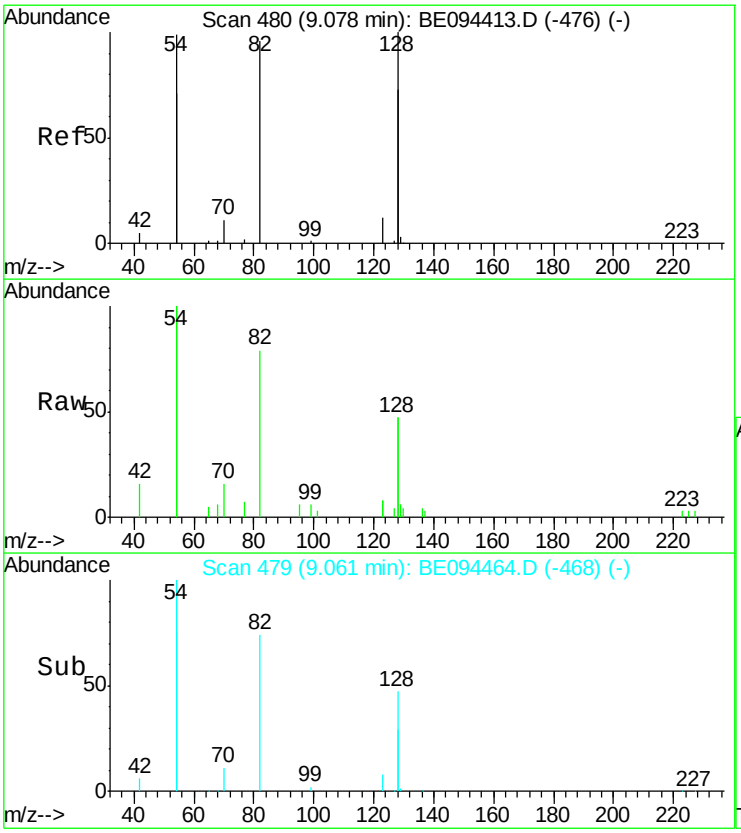
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.69 min Scan# 576
Delta R.T. -0.02 min
Lab File: BE094464.D
Acq: 20 Oct 2017 2:23

Instrument :
BNA_E
ClientSampleId :
3910-SPP3

Tgt Ion:136 Resp: 7716

Ion	Ratio	Lower	Upper
136	100		
137	12.0	9.5	14.3
54	41.6	29.1	43.7
68	8.7	6.2	9.2

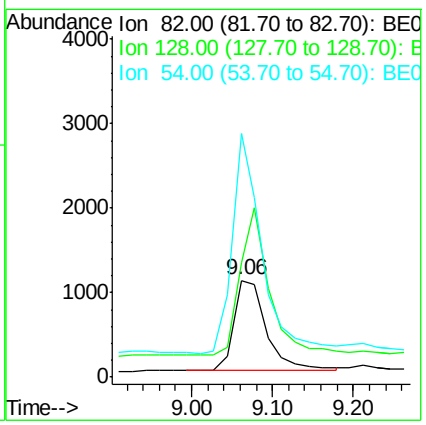


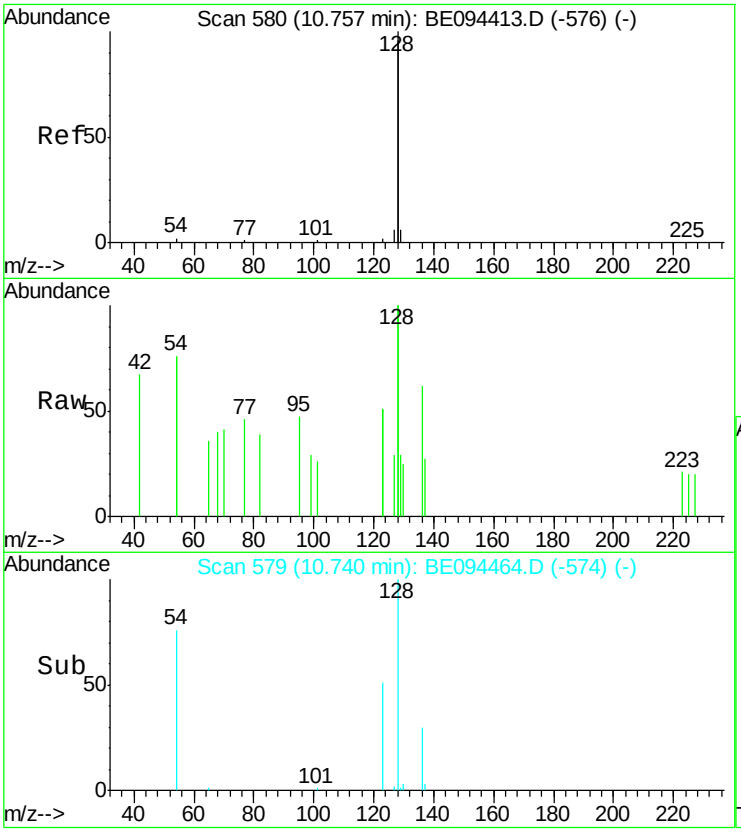


#8
Nitrobenzene-d5
Concen: 0.453 ng
RT: 9.06 min Scan# 479
Delta R.T. -0.02 min
Lab File: BE094464.D
Acq: 20 Oct 2017 2:23

Tgt Ion: 82 Resp: 3040

Ion	Ratio	Lower	Upper
82	100		
128	118.1	150.0	225.0#
54	252.1	154.2	231.4#



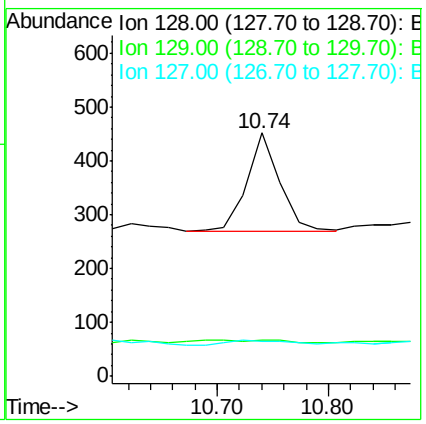


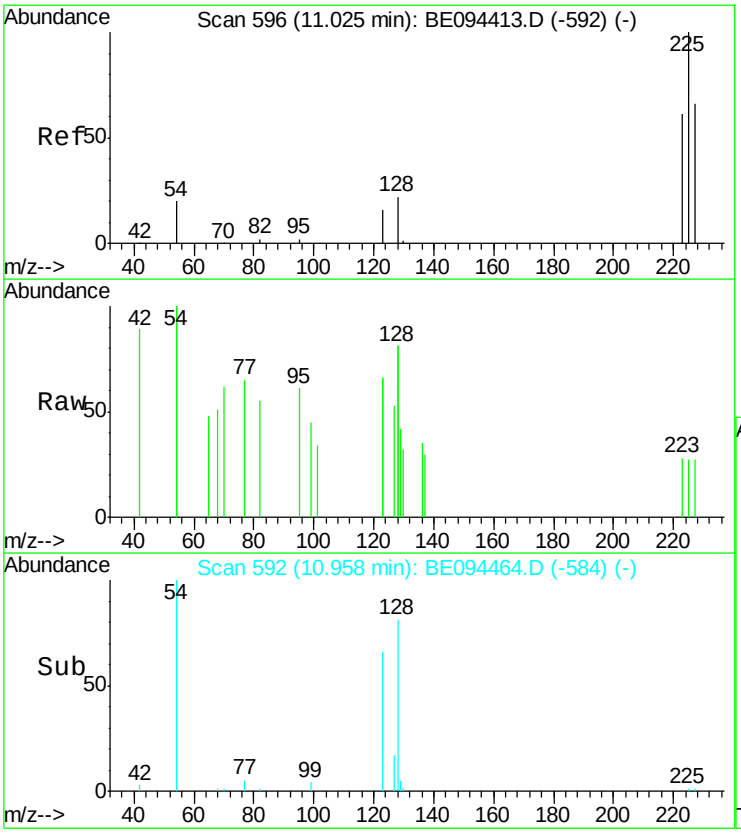
#9
Naphthalene
Concen: 0.004 ng
RT: 10.74 min Scan# 579
Delta R.T. -0.02 min
Lab File: BE094464.D
Acq: 20 Oct 2017 2:23

Instrument :
BNA_E
ClientSampleId :
3910-SPP3

Tgt Ion:128 Resp: 371

Ion	Ratio	Lower	Upper
128	100		
129	14.6	2.6	3.8#
127	14.4	2.8	4.2#

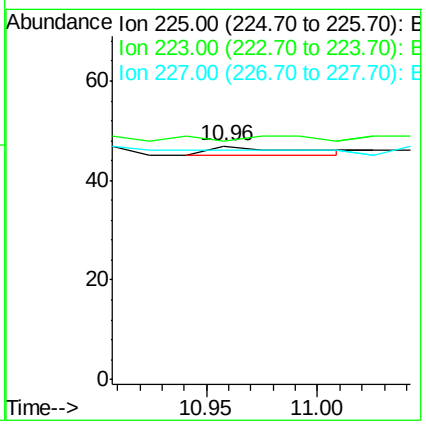


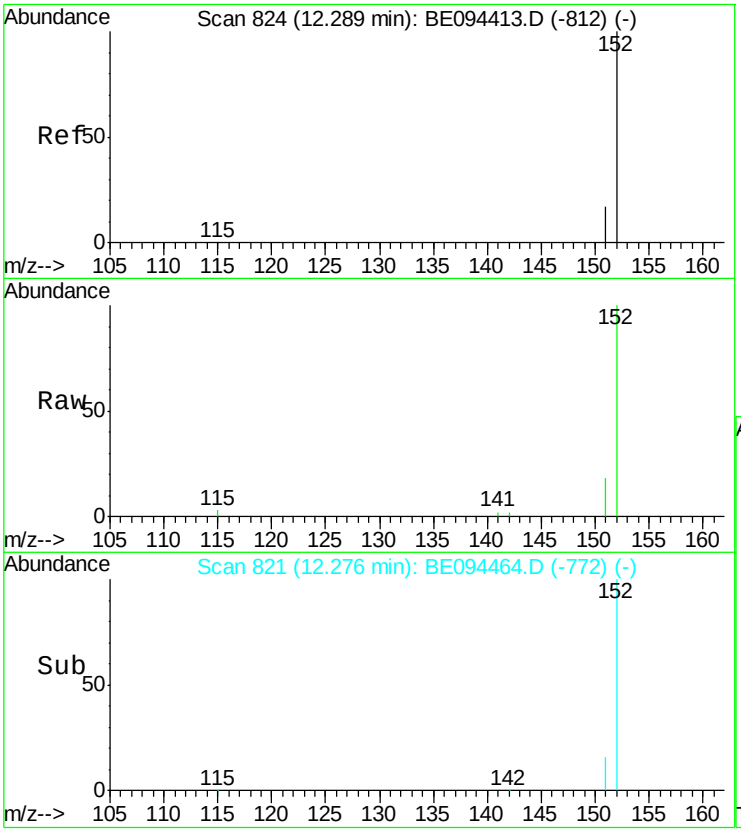


#10
Hexachlorobutadiene
Concen: 0.001 ng
RT: 10.96 min Scan# 592
Delta R.T. -0.07 min
Lab File: BE094464.D
Acq: 20 Oct 2017 2:23

Tgt Ion:225 Resp: 5

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



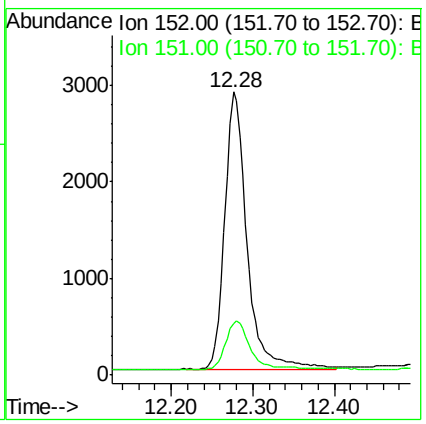


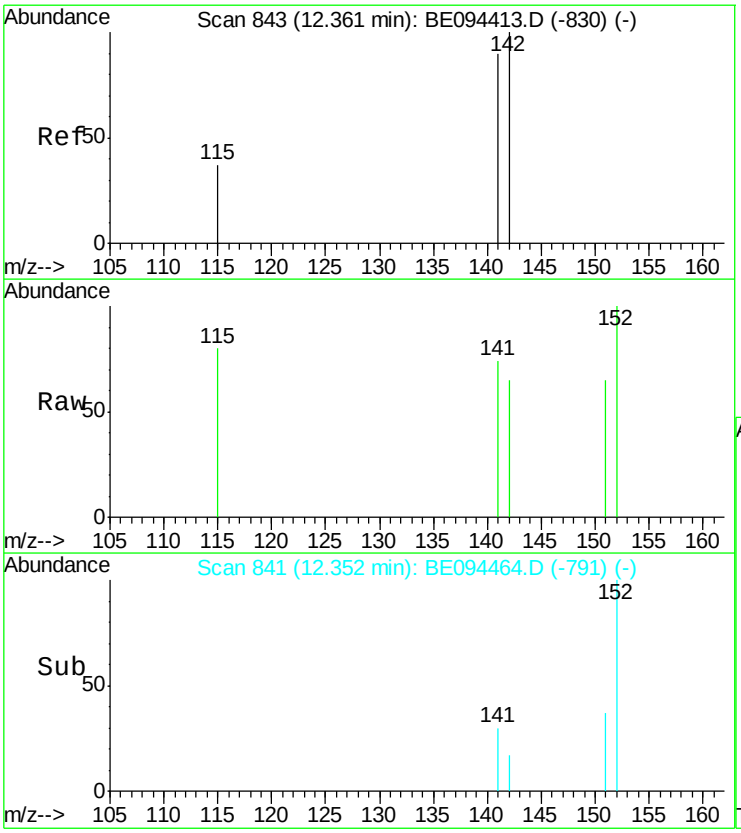
#11
2-Methylnaphthalene-d10
Concen: 0.460 ng
RT: 12.28 min Scan# 821
Delta R.T. -0.01 min
Lab File: BE094464.D
Acq: 20 Oct 2017 2:23

Instrument :
BNA_E
ClientSampleId :
3910-SPP3

Tgt Ion:152 Resp: 5476

Ion	Ratio	Lower	Upper
152	100		
151	19.0	15.4	23.0

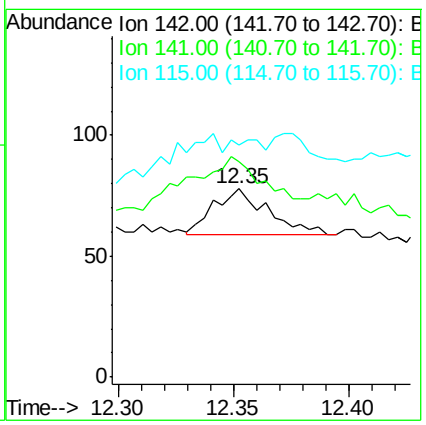


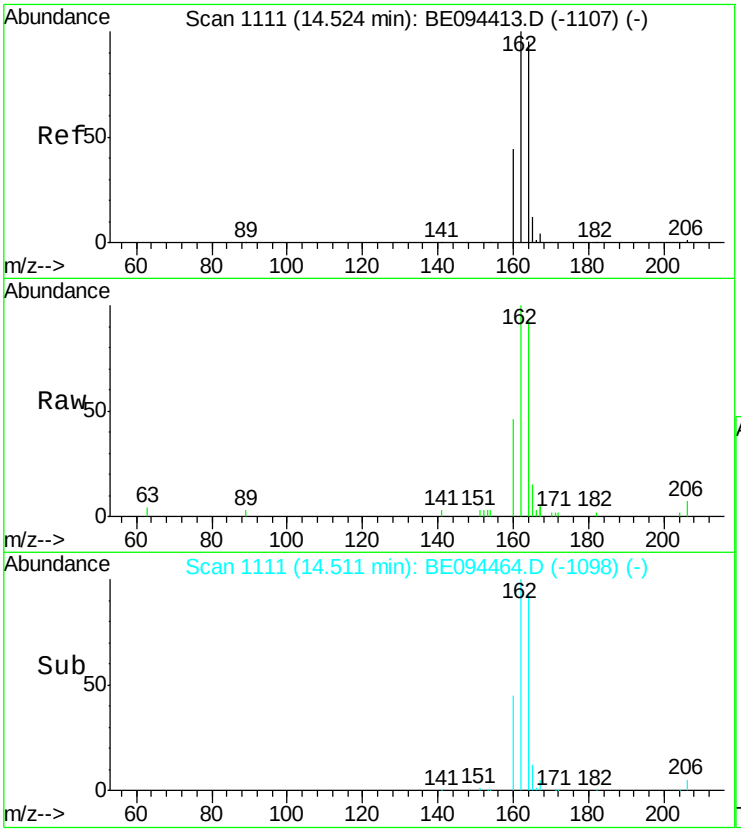


#12
2-Methylnaphthalene
Concen: 0.002 ng
RT: 12.35 min Scan# 841
Delta R.T. -0.01 min
Lab File: BE094464.D
Acq: 20 Oct 2017 2:23

Tgt Ion:142 Resp: 31

Ion	Ratio	Lower	Upper
142	100		
141	114.1	70.4	105.6#
115	123.1	31.7	47.5#



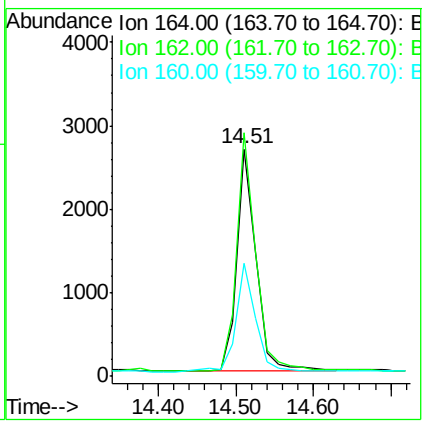


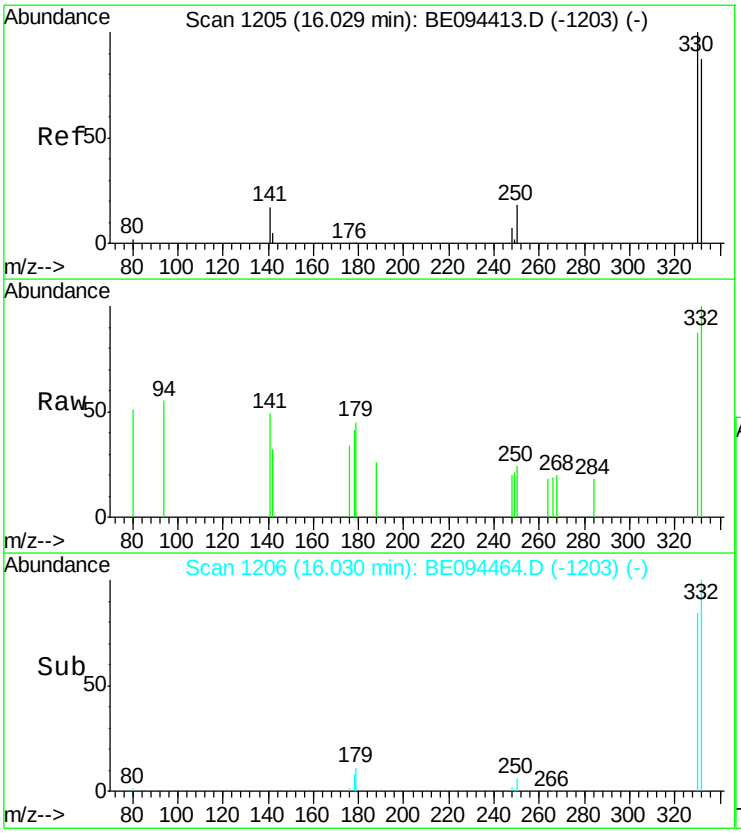
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.51 min Scan# 1111
Delta R.T. -0.01 min
Lab File: BE094464.D
Acq: 20 Oct 2017 2:23

Instrument :
BNA_E
ClientSampleId :
3910-SPP3

Tgt Ion:164 Resp: 4558

Ion	Ratio	Lower	Upper
164	100		
162	107.2	83.1	124.7
160	49.5	37.1	55.7

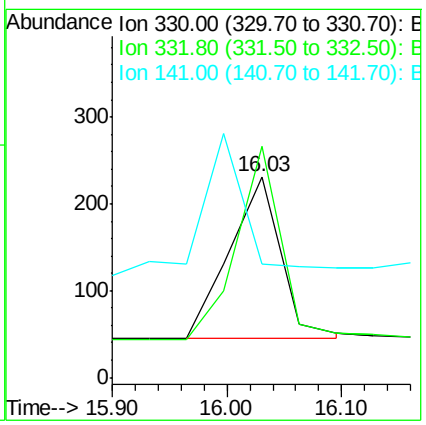


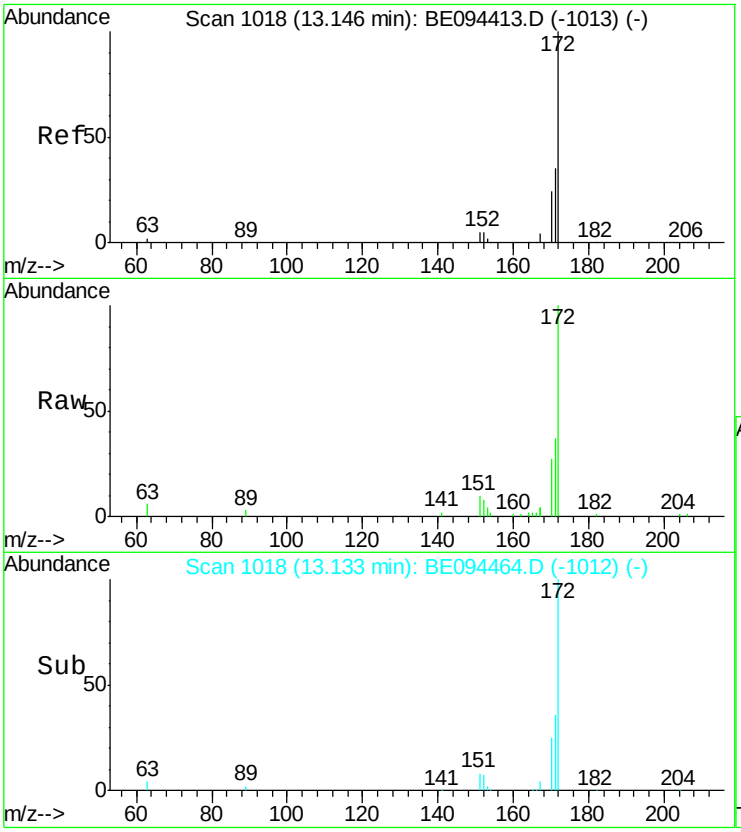


#14
2,4,6-Tribromophenol
Concen: 0.331 ng
RT: 16.03 min Scan# 1206
Delta R.T. 0.00 min
Lab File: BE094464.D
Acq: 20 Oct 2017 2:23

Tgt Ion:330 Resp: 575

Ion	Ratio	Lower	Upper
330	100		
332	102.8	152.7	229.1#
141	0.0	33.7	50.5#



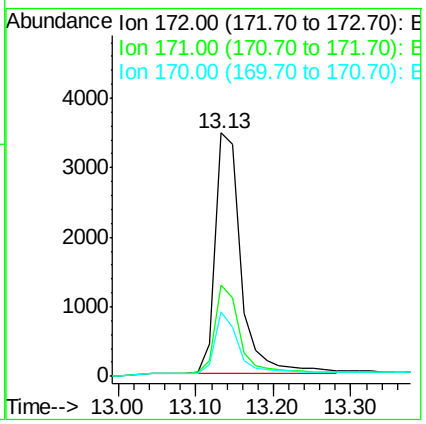


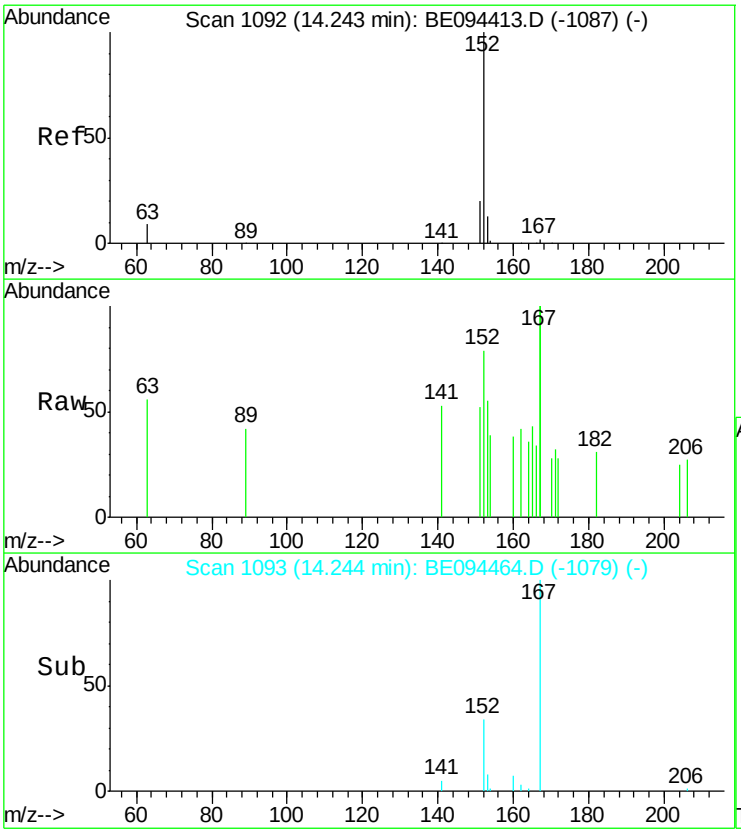
#15
2-Fluorobiphenyl
Concen: 0.488 ng
RT: 13.13 min Scan# 1018
Delta R.T. -0.01 min
Lab File: BE094464.D
Acq: 20 Oct 2017 2:23

Instrument :
BNA_E
ClientSampleId :
3910-SPP3

Tgt Ion:172 Resp: 7940

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

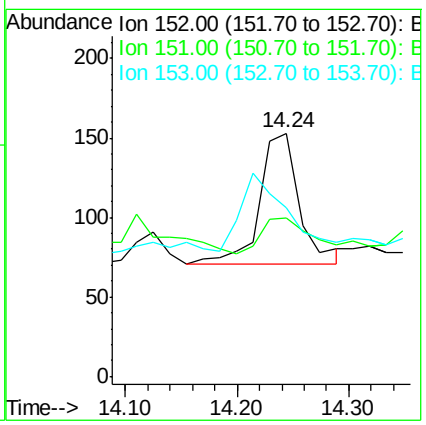


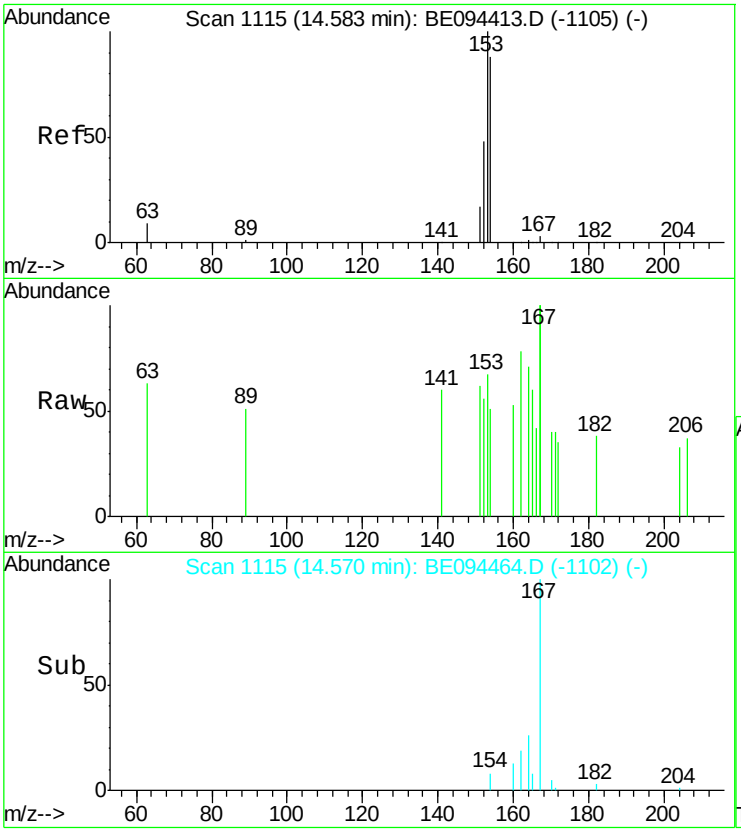


#16
Acenaphthylene
Concen: 0.008 ng
RT: 14.24 min Scan# 1093
Delta R.T. 0.00 min
Lab File: BE094464.D
Acq: 20 Oct 2017 2:23

Tgt Ion:152 Resp: 202

Ion	Ratio	Lower	Upper
152	100		
151	41.1	15.7	23.5#
153	0.0	10.5	15.7#



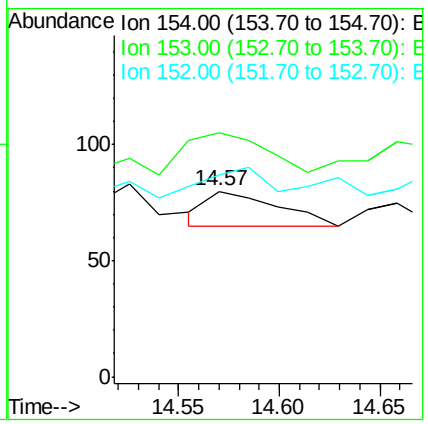


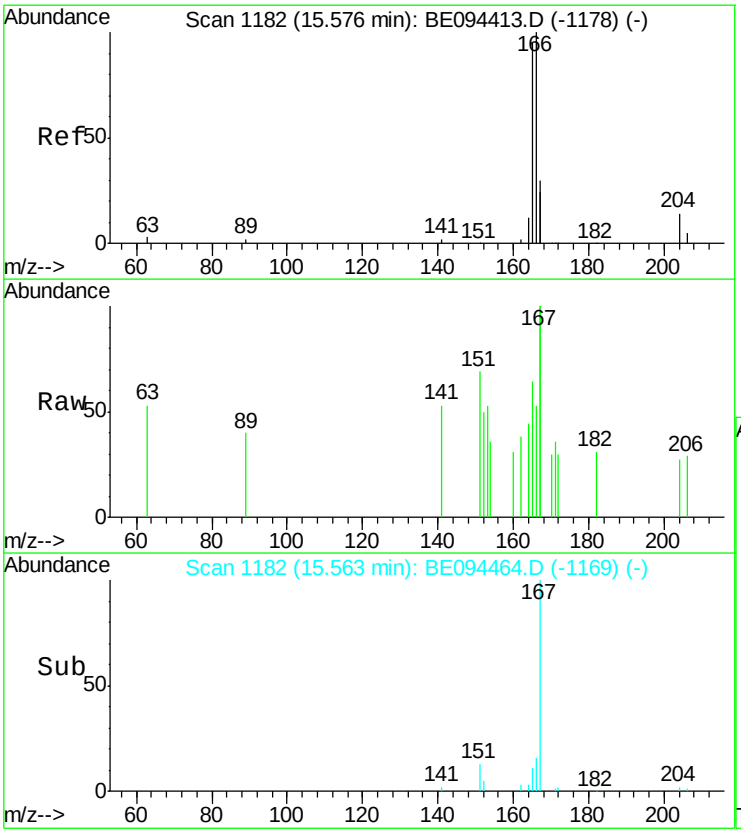
#17
Acenaphthene
Concen: 0.002 ng
RT: 14.57 min Scan# 1115
Delta R.T. -0.01 min
Lab File: BE094464.D
Acq: 20 Oct 2017 2:23

Instrument :
BNA_E
ClientSampleId :
3910-SPP3

Tgt Ion:154 Resp: 36

Ion	Ratio	Lower	Upper
154	100		
153	141.7	89.2	133.8#
152	88.9	42.0	63.0#

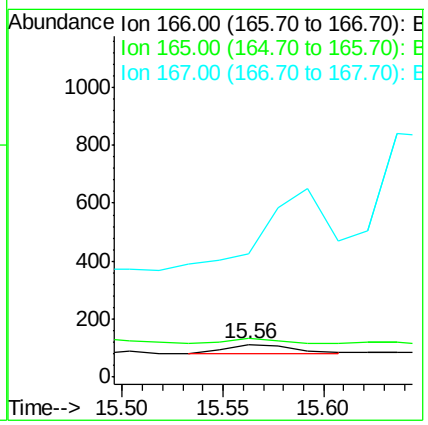


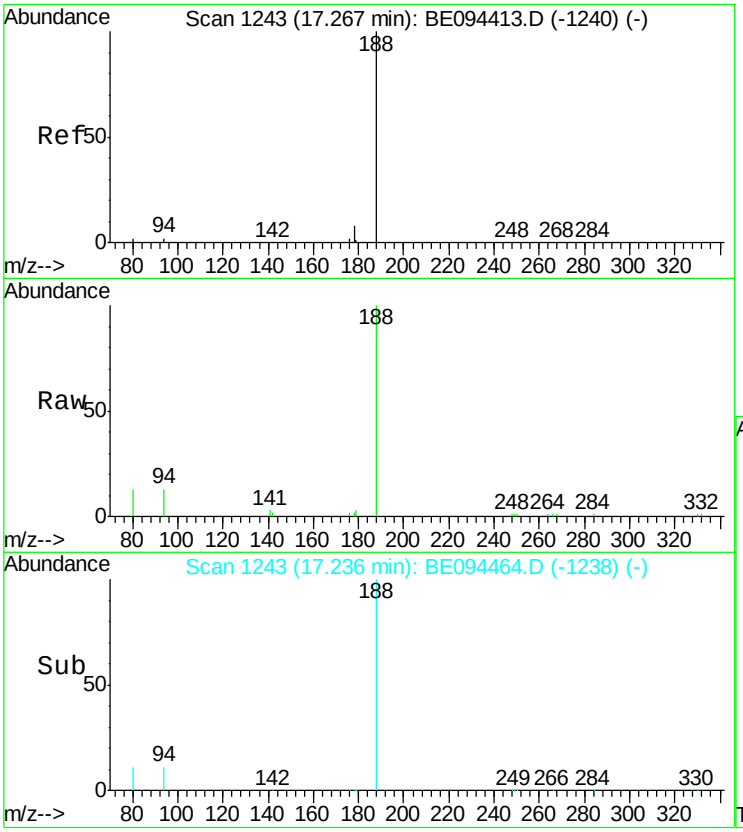


#18
Fluorene
Concen: 0.004 ng
RT: 15.56 min Scan# 1182
Delta R.T. -0.01 min
Lab File: BE094464.D
Acq: 20 Oct 2017 2:23

Tgt Ion:166 Resp: 80

Ion	Ratio	Lower	Upper
166	100		
165	51.2	77.8	116.6#
167	0.0	42.4	63.6#



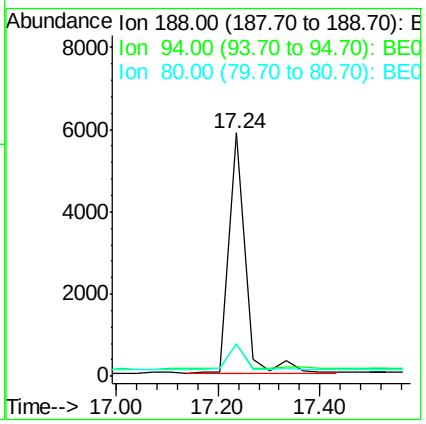


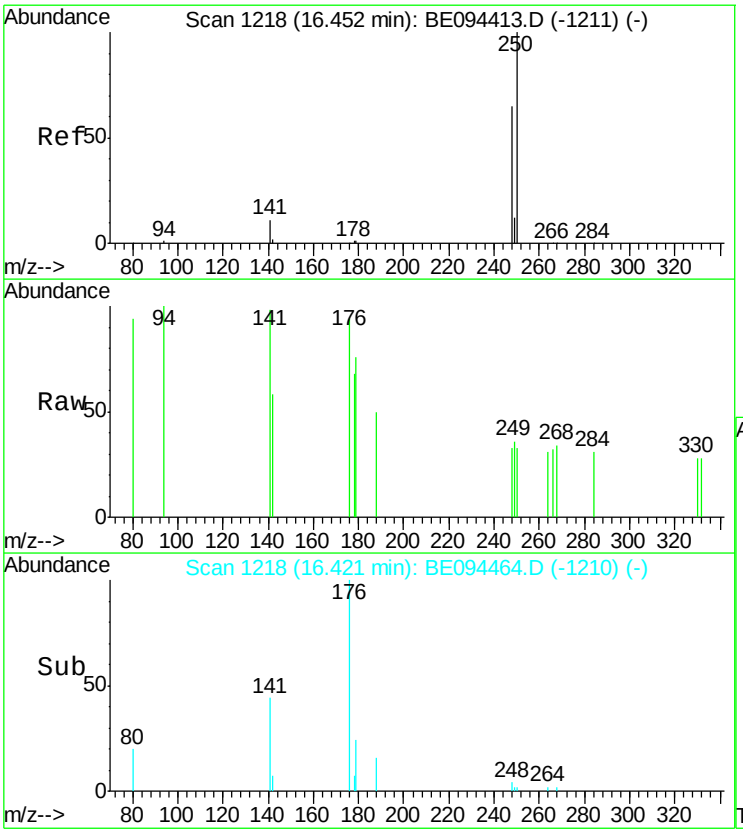
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.24 min Scan# 1243
Delta R.T. -0.03 min
Lab File: BE094464.D
Acq: 20 Oct 2017 2:23

Instrument :
BNA_E
ClientSampleId :
3910-SPP3

Tgt Ion:188 Resp: 13004

Ion	Ratio	Lower	Upper
188	100		
94	13.4	3.9	5.9#
80	13.5	3.6	5.4#

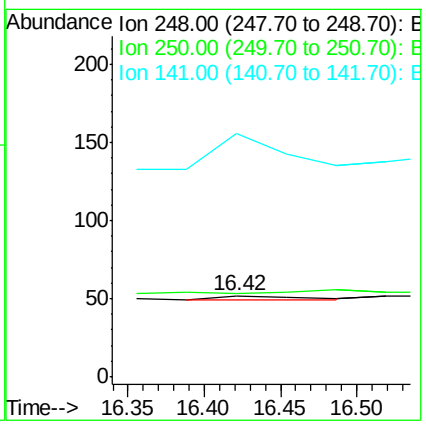


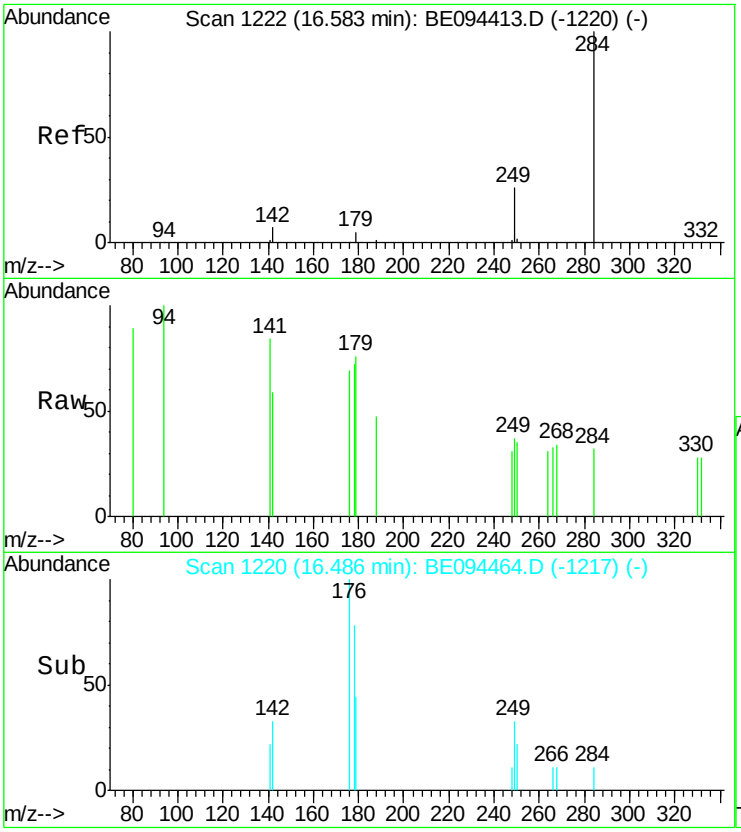


#20
4-Bromophenyl-phenylether
Concen: 0.002 ng
RT: 16.42 min Scan# 1218
Delta R.T. -0.03 min
Lab File: BE094464.D
Acq: 20 Oct 2017 2:23

Tgt Ion:248 Resp: 12

Ion	Ratio	Lower	Upper
248	100		
250	101.9	62.7	94.1#
141	300.0	48.2	72.2#



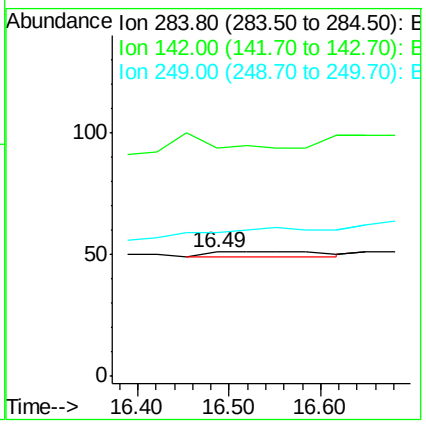


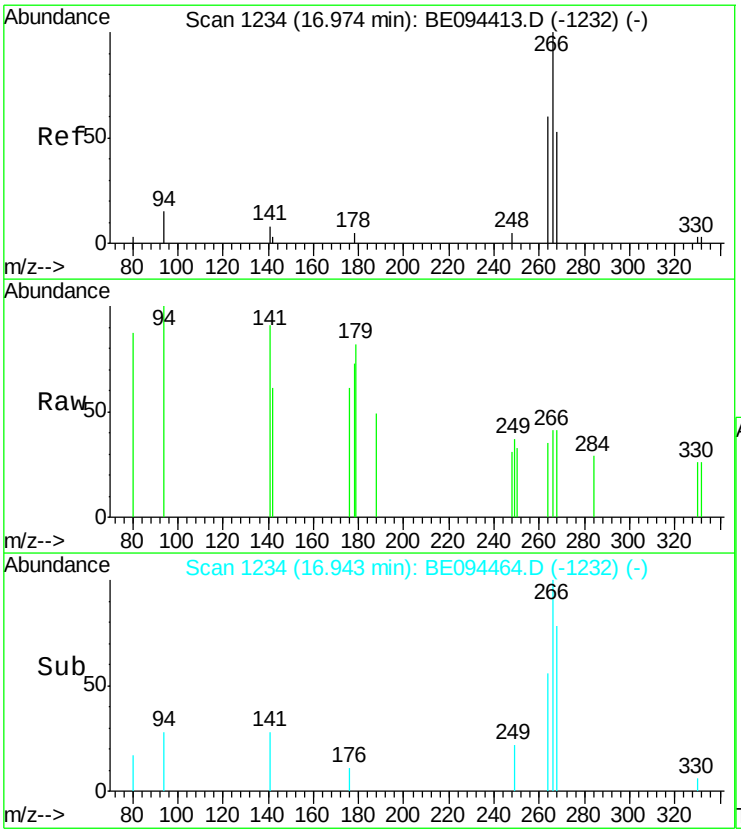
#21
Hexachlorobenzene
Concen: 0.028 ng
RT: 16.49 min Scan# 1220
Delta R.T. -0.10 min
Lab File: BE094464.D
Acq: 20 Oct 2017 2:23

Instrument :
BNA_E
ClientSampleId :
3910-SPP3

Tgt Ion:284 Resp: 18

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

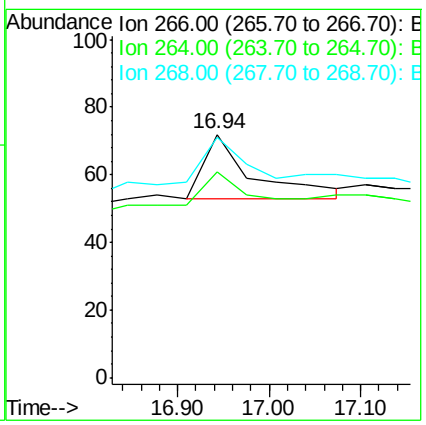


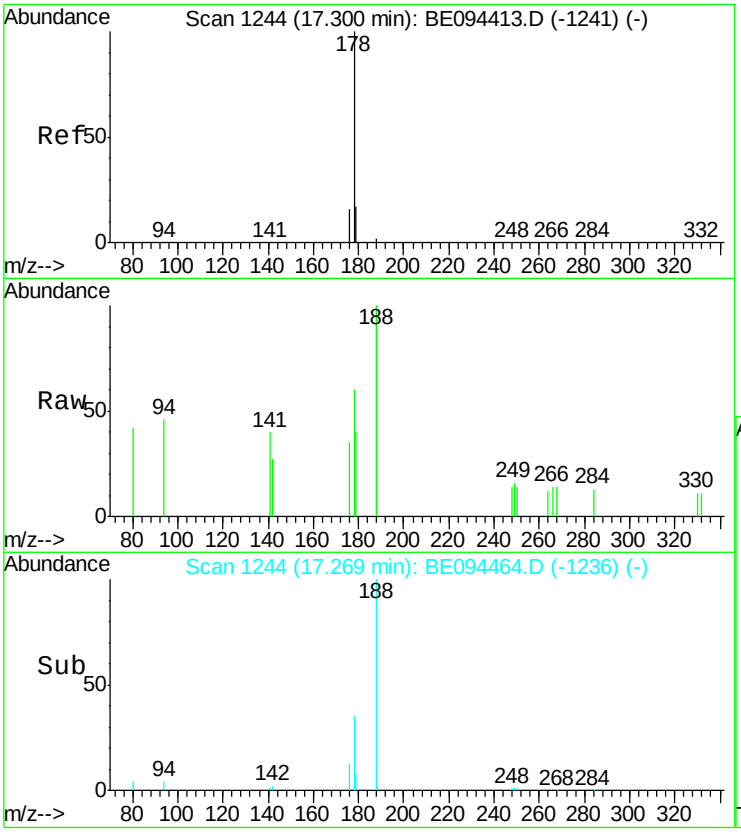


#22
Pentachlorophenol
Concen: 0.209 ng
RT: 16.94 min Scan# 1234
Delta R.T. -0.03 min
Lab File: BE094464.D
Acq: 20 Oct 2017 2:23

Tgt Ion:266 Resp: 72

Ion	Ratio	Lower	Upper
266	100		
264	84.7	72.5	108.7
268	98.6	73.8	110.6



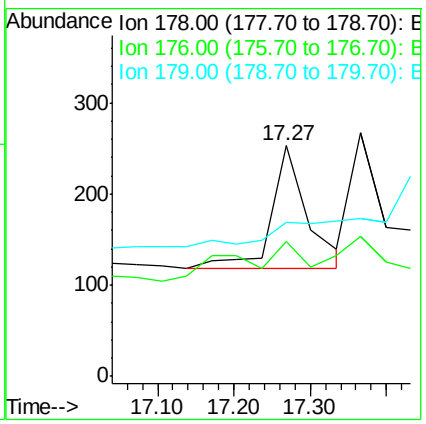


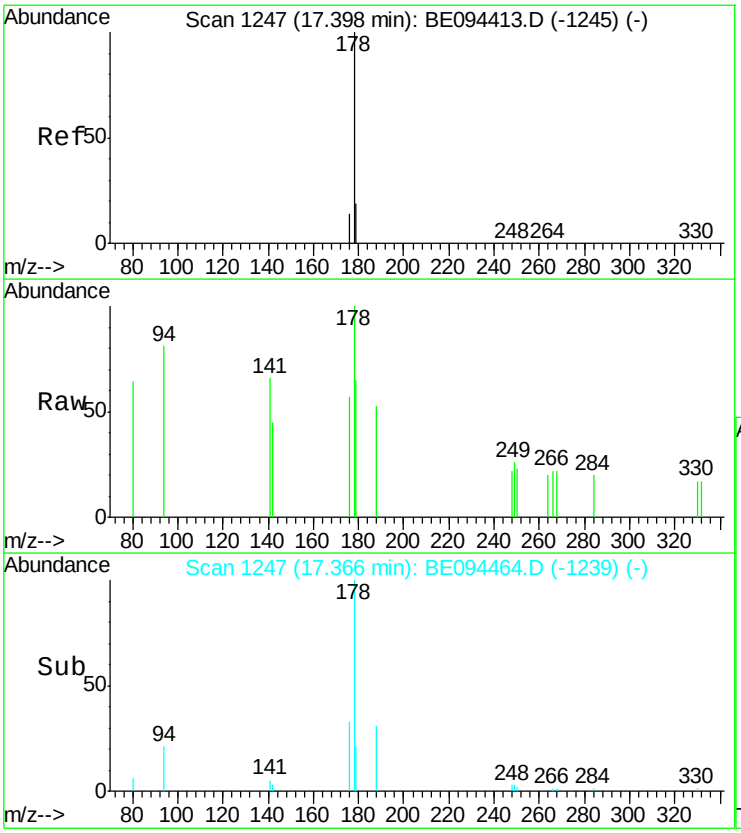
#23
Phenanthrene
Concen: 0.008 ng
RT: 17.27 min Scan# 1244
Delta R.T. -0.03 min
Lab File: BE094464.D
Acq: 20 Oct 2017 2:23

Instrument :
BNA_E
ClientSampleId :
3910-SPP3

Tgt Ion:178 Resp: 434

Ion	Ratio	Lower	Upper
178	100		
176	20.3	15.1	22.7
179	0.0	11.8	17.6#

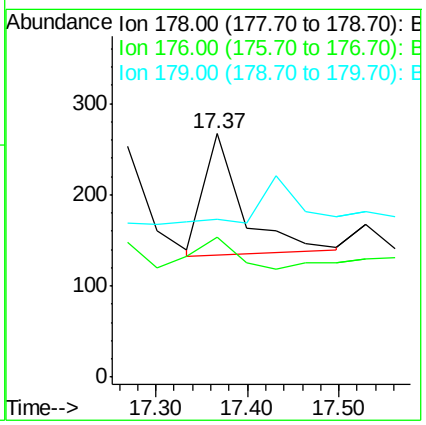


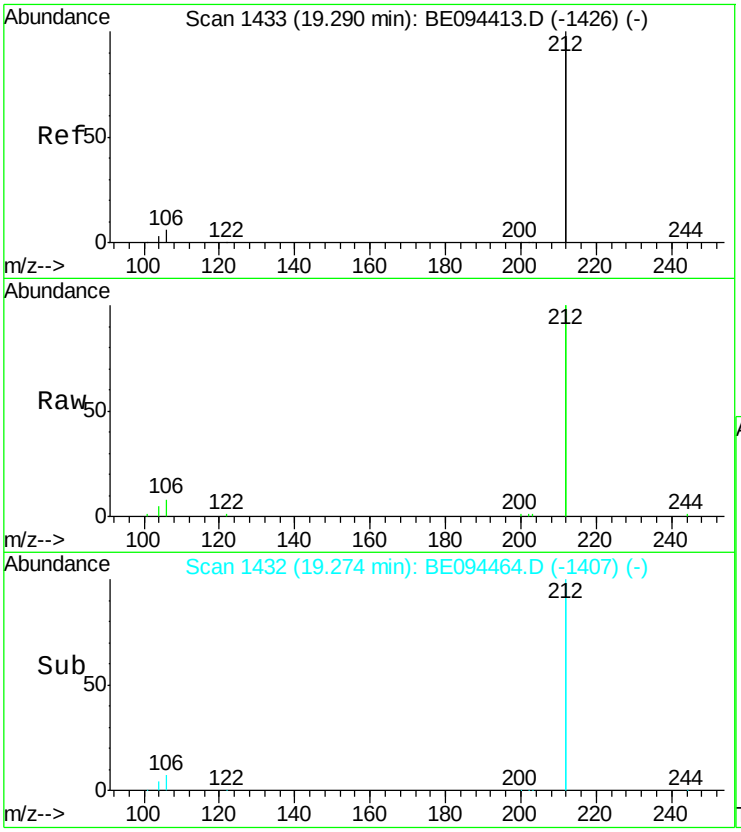


#24
Anthracene
Concen: 0.010 ng
RT: 17.37 min Scan# 1247
Delta R.T. -0.03 min
Lab File: BE094464.D
Acq: 20 Oct 2017 2:23

Tgt Ion:178 Resp: 399

Ion	Ratio	Lower	Upper
178	100		
176	31.3	12.8	19.2#
179	0.0	13.0	19.6#



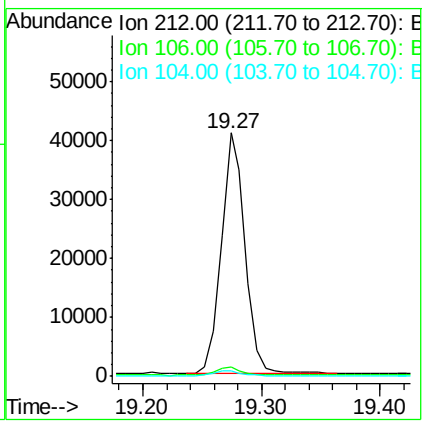


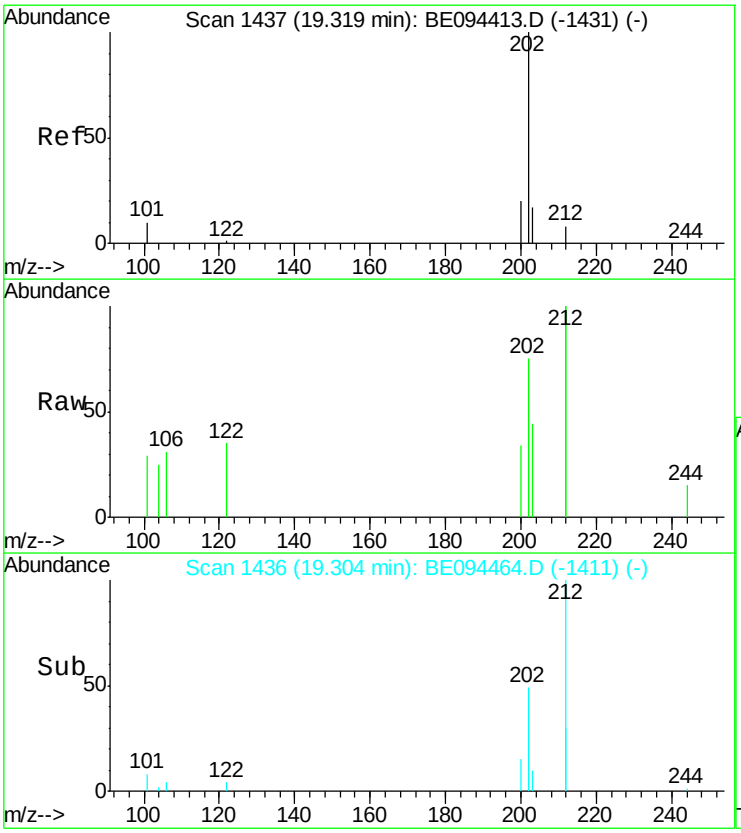
#25
Fluoranthene-d10
Concen: 0.271 ng
RT: 19.27 min Scan# 1432
Delta R.T. -0.02 min
Lab File: BE094464.D
Acq: 20 Oct 2017 2:23

Instrument :
BNA_E
ClientSampleId :
3910-SPP3

Tgt Ion:212 Resp: 56695

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

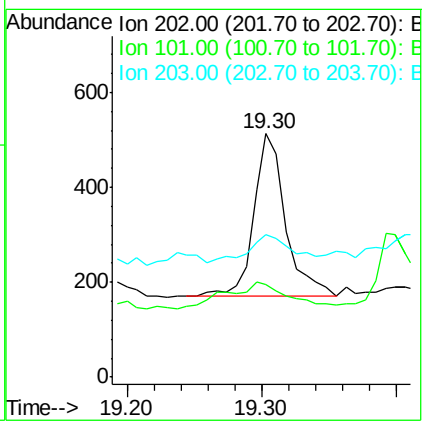


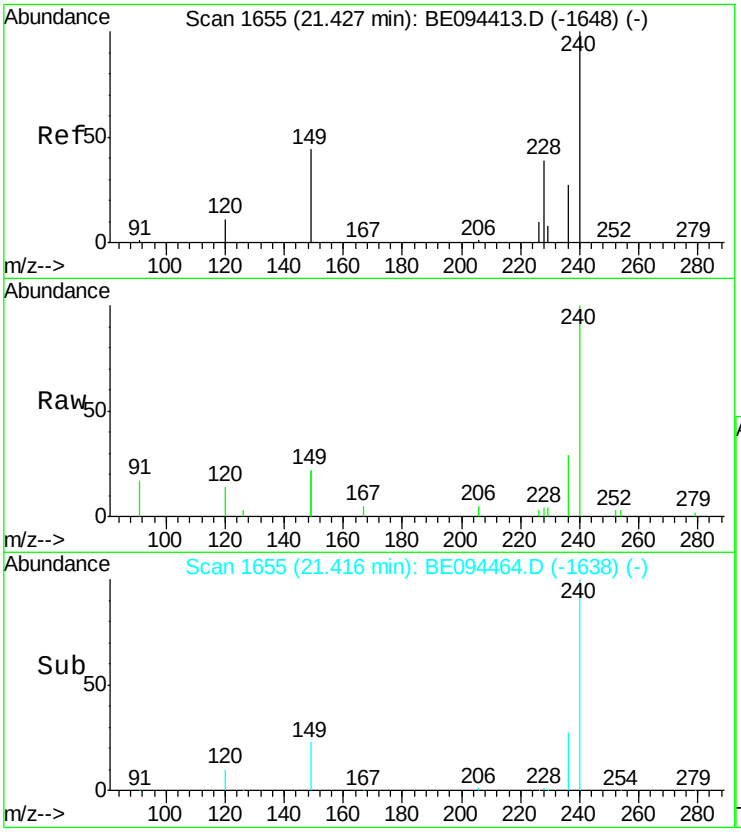


#26
Fluoranthene
Concen: 0.009 ng
RT: 19.30 min Scan# 1436
Delta R.T. -0.02 min
Lab File: BE094464.D
Acq: 20 Oct 2017 2:23

Tgt Ion:202 Resp: 566

Ion	Ratio	Lower	Upper
202	100		
101	30.9	9.8	14.8#
203	18.2	13.7	20.5



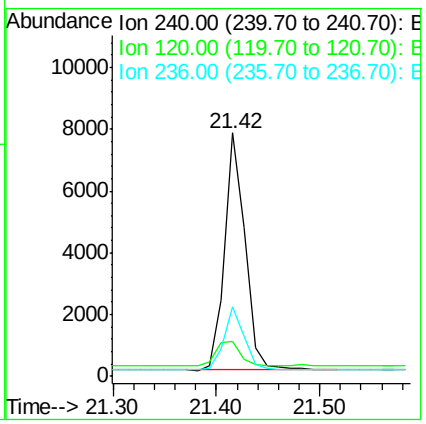


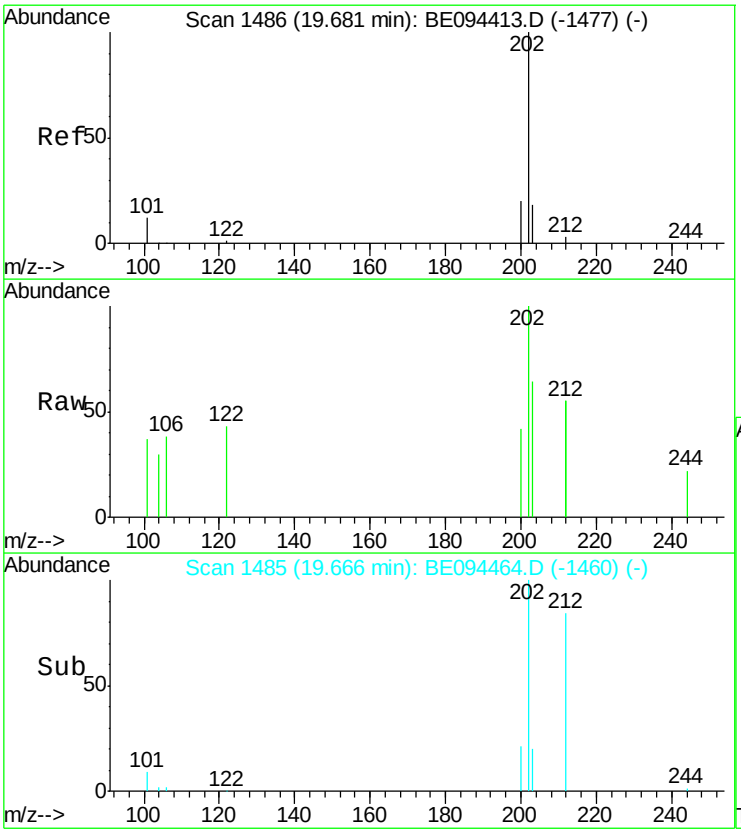
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.42 min Scan# 1655
Delta R.T. -0.01 min
Lab File: BE094464.D
Acq: 20 Oct 2017 2:23

Instrument :
BNA_E
ClientSampleId :
3910-SPP3

Tgt Ion:240 Resp: 10540

Ion	Ratio	Lower	Upper
240	100		
120	14.2	5.5	8.3#
236	28.5	20.7	31.1

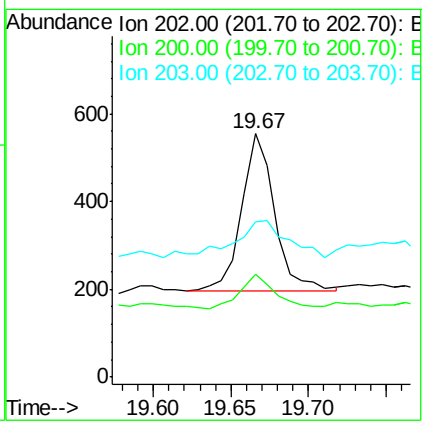


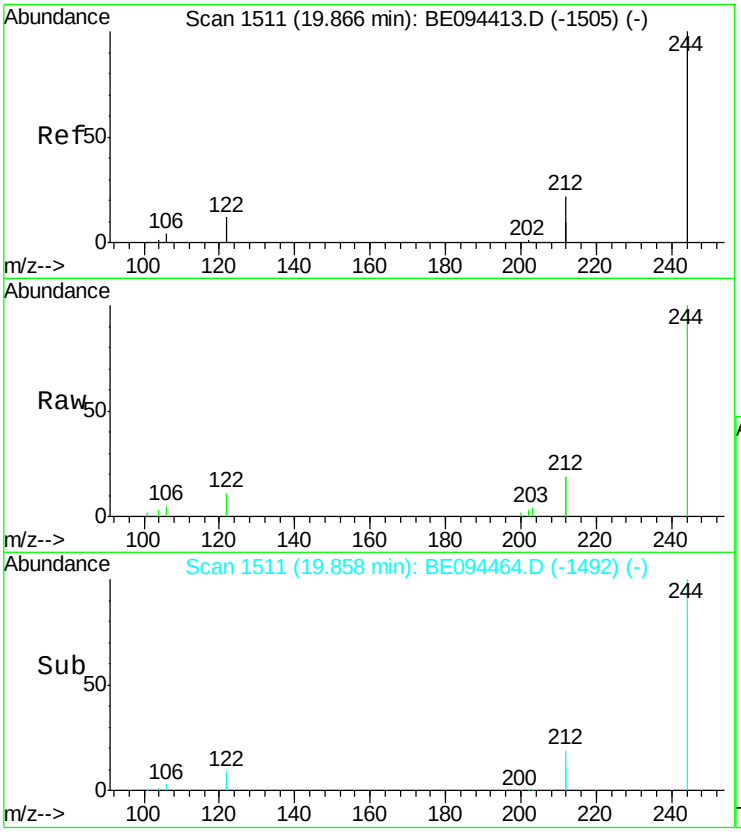


#28
Pyrene
Concen: 0.013 ng
RT: 19.67 min Scan# 1485
Delta R.T. -0.02 min
Lab File: BE094464.D
Acq: 20 Oct 2017 2:23

Tgt Ion:202 Resp: 531

Ion	Ratio	Lower	Upper
202	100		
200	23.5	16.6	25.0
203	37.5	13.8	20.8#



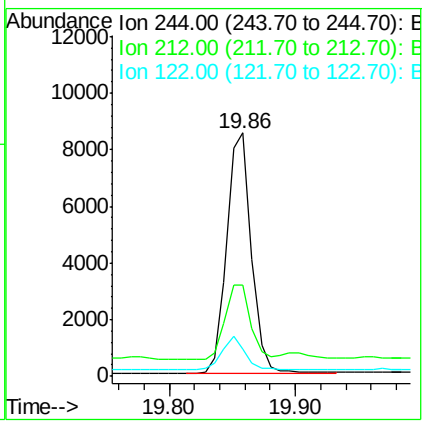


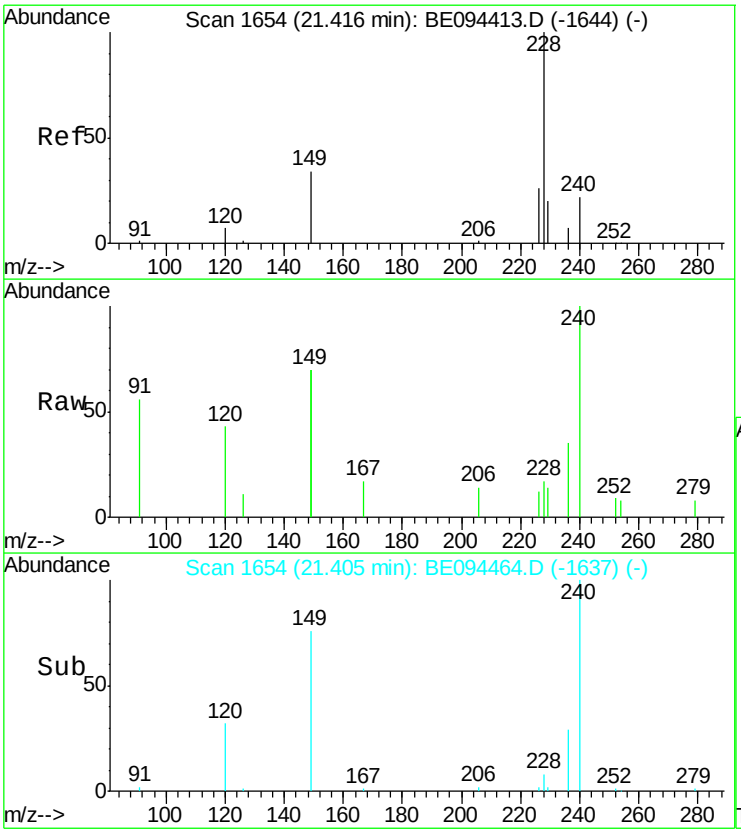
#29
Terphenyl-d14
Concen: 0.538 ng
RT: 19.86 min Scan# 1511
Delta R.T. -0.01 min
Lab File: BE094464.D
Acq: 20 Oct 2017 2:23

Instrument :
BNA_E
ClientSampleId :
3910-SPP3

Tgt Ion:244 Resp: 11444

Ion	Ratio	Lower	Upper
244	100		
212	37.7	25.4	38.0
122	11.3	8.1	12.1

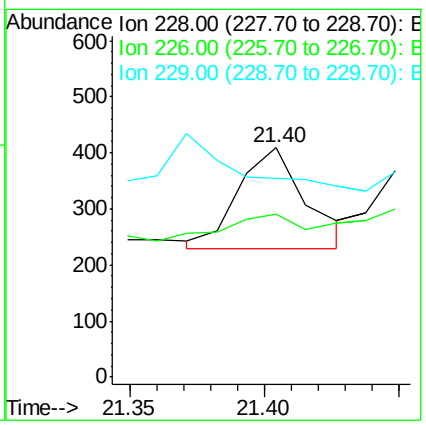


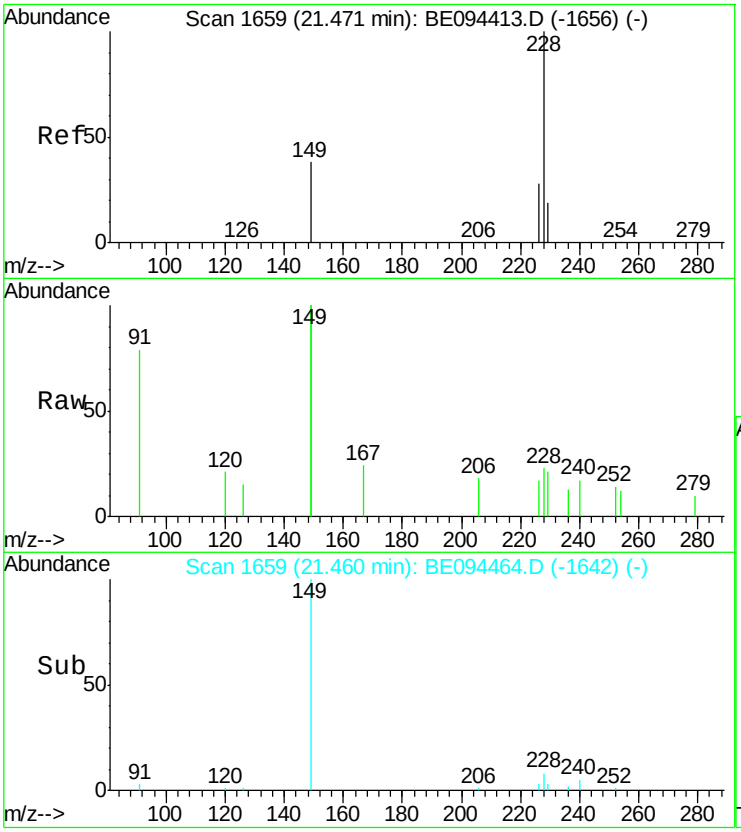


#30
Benzo(a)anthracene
Concen: 0.009 ng
RT: 21.40 min Scan# 1654
Delta R.T. -0.01 min
Lab File: BE094464.D
Acq: 20 Oct 2017 2:23

Tgt Ion:228 Resp: 317

Ion	Ratio	Lower	Upper
228	100		
226	70.9	40.0	60.0#
229	86.8	40.0	60.0#



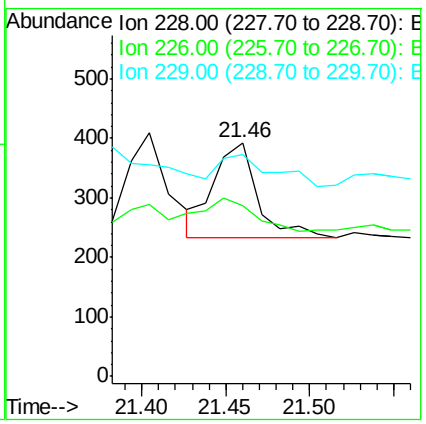


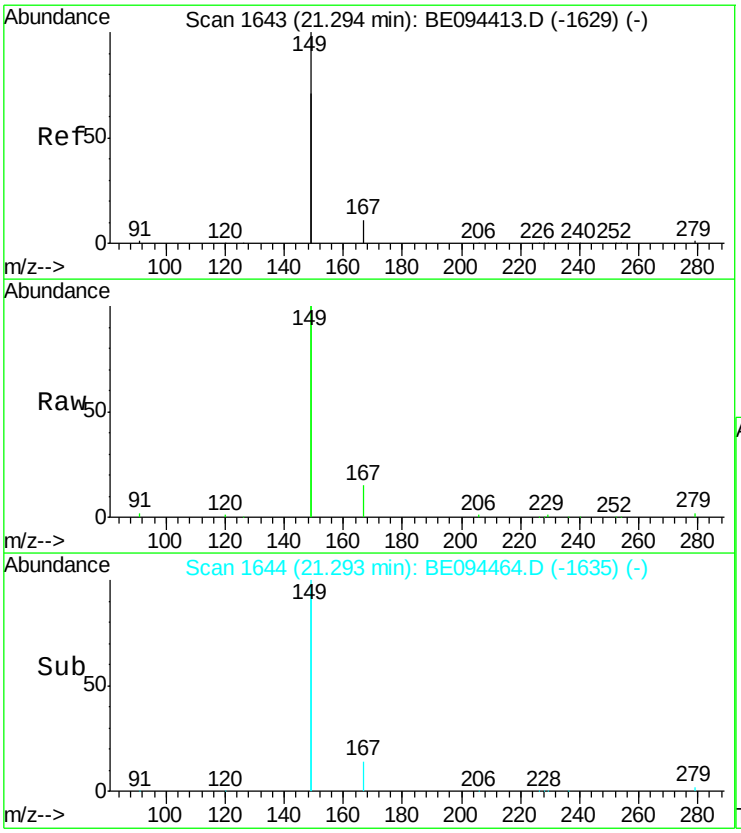
#31
Chrysene
Concen: 0.008 ng
RT: 21.46 min Scan# 1659
Delta R.T. -0.01 min
Lab File: BE094464.D
Acq: 20 Oct 2017 2:23

Instrument :
BNA_E
ClientSampleId :
3910-SPP3

Tgt Ion:228 Resp: 286

Ion	Ratio	Lower	Upper
228	100		
226	73.3	40.0	60.0#
229	94.9	40.0	60.0#

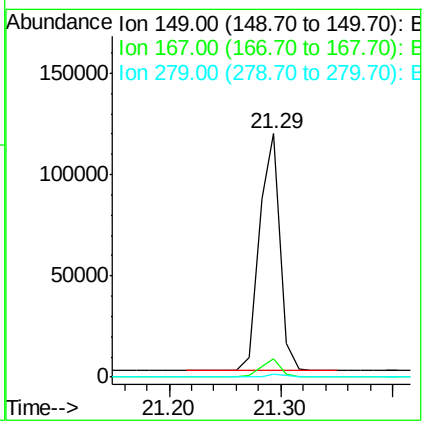


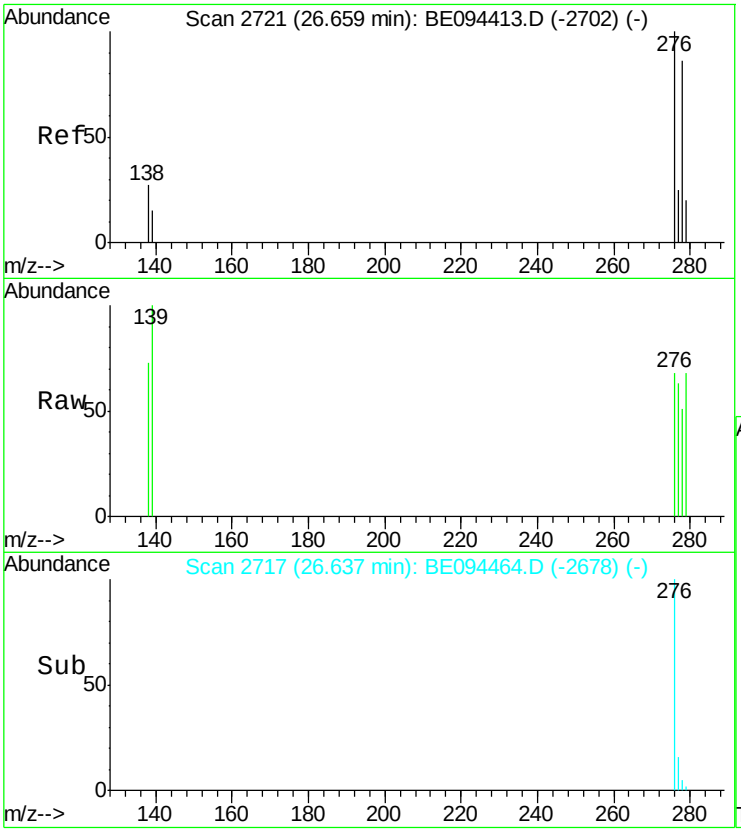


#32
Bis(2-ethylhexyl)phthalate
Concen: 1.415 ng
RT: 21.29 min Scan# 1644
Delta R.T. 0.00 min
Lab File: BE094464.D
Acq: 20 Oct 2017 2:23

Tgt Ion:149 Resp: 148588

Ion	Ratio	Lower	Upper
149	100		
167	6.8	5.4	8.0
279	0.9	0.7	1.1



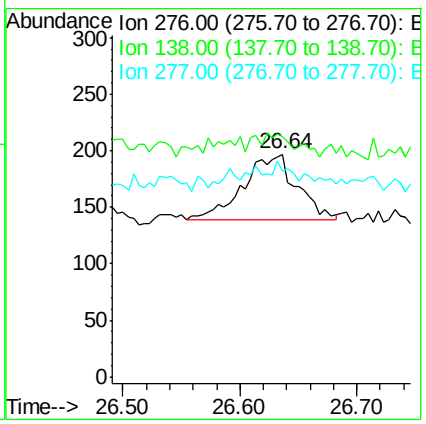


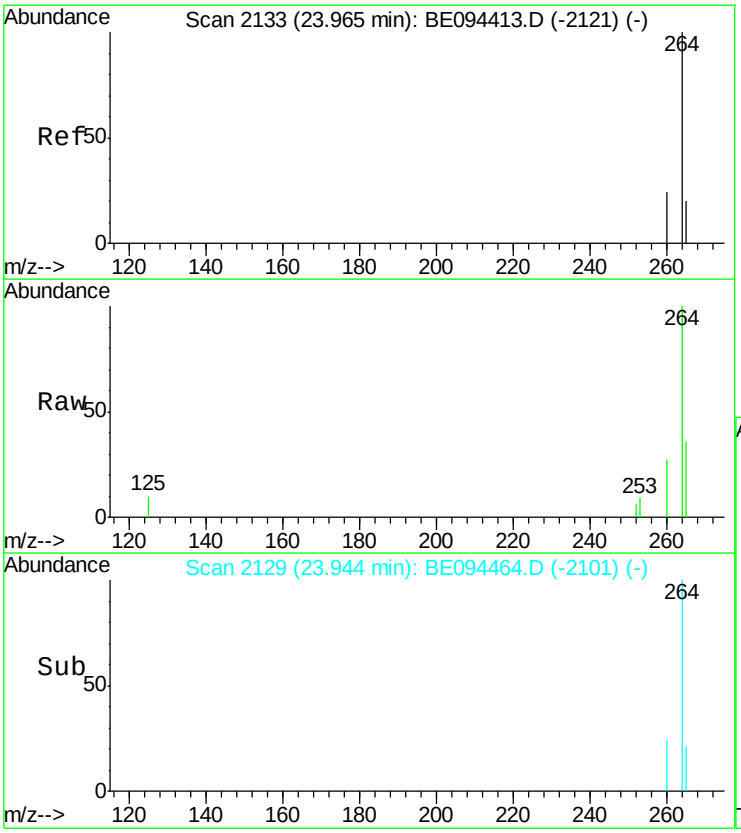
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.005 ng
RT: 26.64 min Scan# 2717
Delta R.T. -0.02 min
Lab File: BE094464.D
Acq: 20 Oct 2017 2:23

Instrument :
BNA_E
ClientSampleId :
3910-SPP3

Tgt Ion:276 Resp: 184

Ion	Ratio	Lower	Upper
276	100		
138	8.7	22.5	33.7#
277	7.1	19.9	29.9#

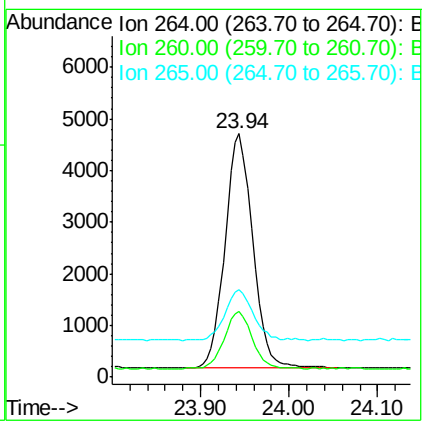


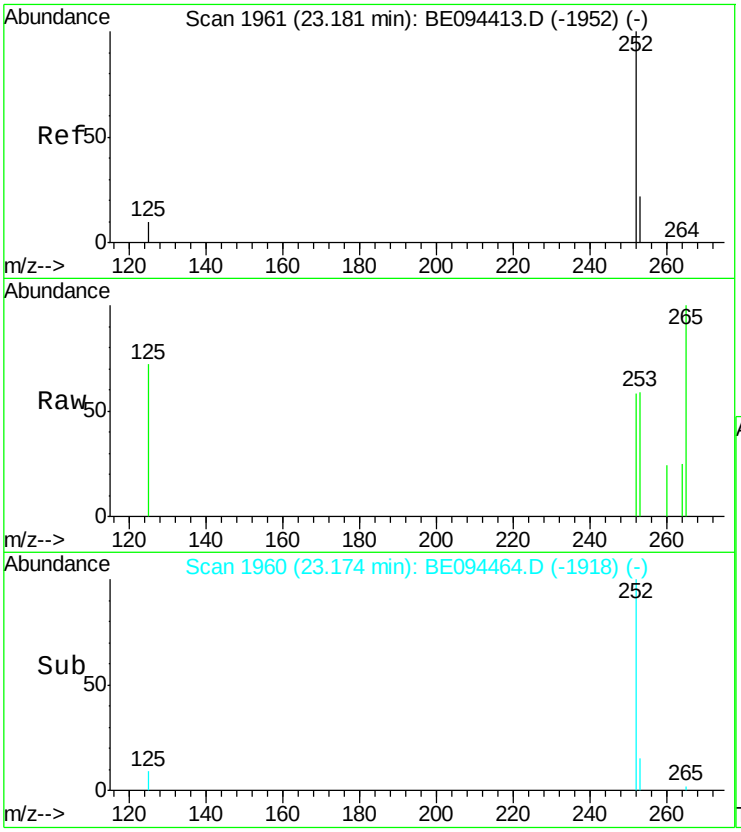


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.94 min Scan# 2129
Delta R.T. -0.02 min
Lab File: BE094464.D
Acq: 20 Oct 2017 2:23

Tgt Ion:264 Resp: 9897

Ion	Ratio	Lower	Upper
264	100		
260	26.8	20.5	30.7
265	36.0	22.8	34.2#



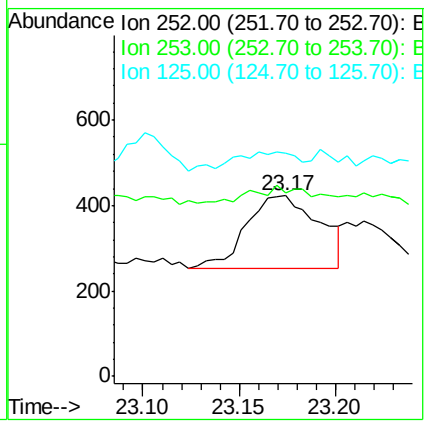


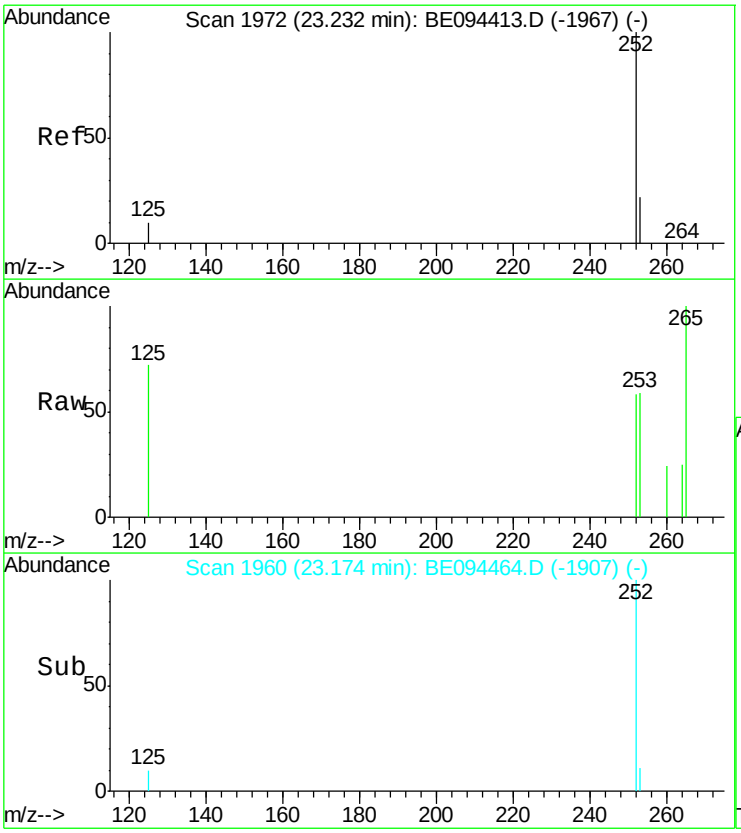
#35
Benzo(b)fluoranthene
Concen: 0.013 ng
RT: 23.17 min Scan# 1960
Delta R.T. -0.01 min
Lab File: BE094464.D
Acq: 20 Oct 2017 2:23

Instrument :
BNA_E
ClientSampleId :
3910-SPP3

Tgt Ion:252 Resp: 446

Ion	Ratio	Lower	Upper
252	100		
253	101.4	48.0	72.0#
125	123.2	56.0	84.0#

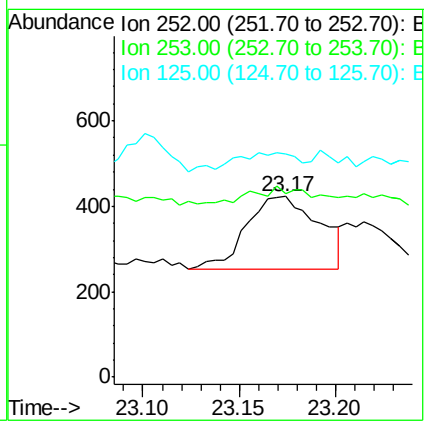


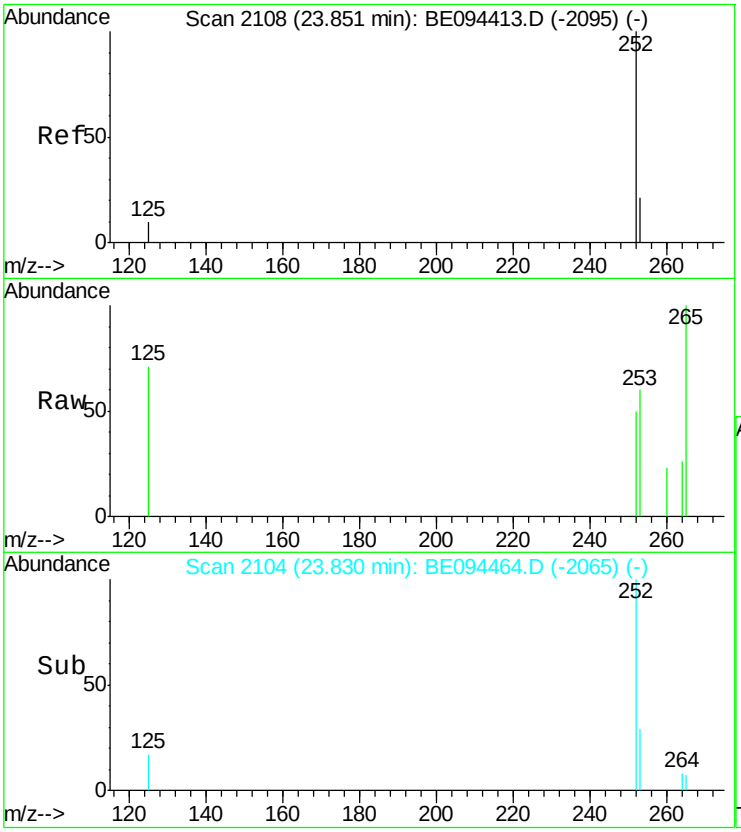


#36
Benzo(k)fluoranthene
Concen: 0.013 ng
RT: 23.17 min Scan# 1960
Delta R.T. -0.06 min
Lab File: BE094464.D
Acq: 20 Oct 2017 2:23

Tgt Ion:252 Resp: 446

Ion	Ratio	Lower	Upper
252	100		
253	101.4	48.0	72.0#
125	123.2	56.0	84.0#



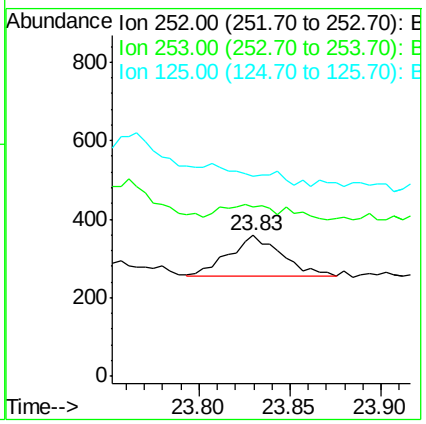


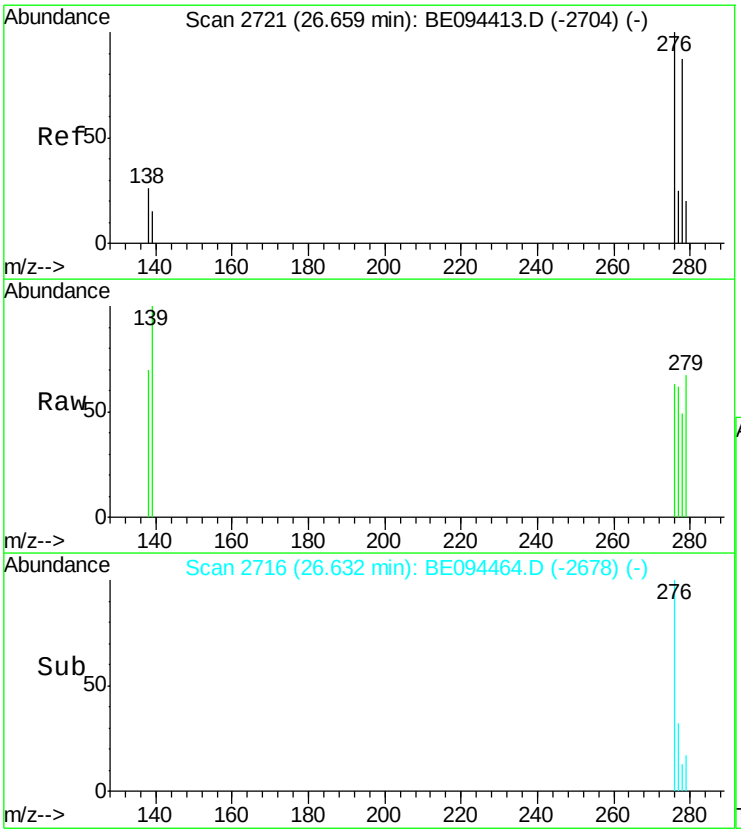
#37
Benzo(a)pyrene
Concen: 0.006 ng
RT: 23.83 min Scan# 2104
Delta R.T. -0.02 min
Lab File: BE094464.D
Acq: 20 Oct 2017 2:23

Instrument :
BNA_E
ClientSampleId :
3910-SPP3

Tgt Ion:252 Resp: 204

Ion	Ratio	Lower	Upper
252	100		
253	120.4	52.0	78.0#
125	142.2	68.0	102.0#

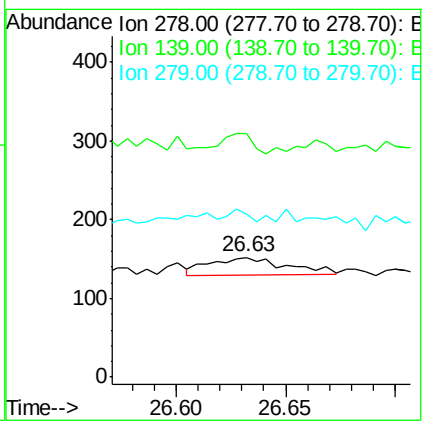


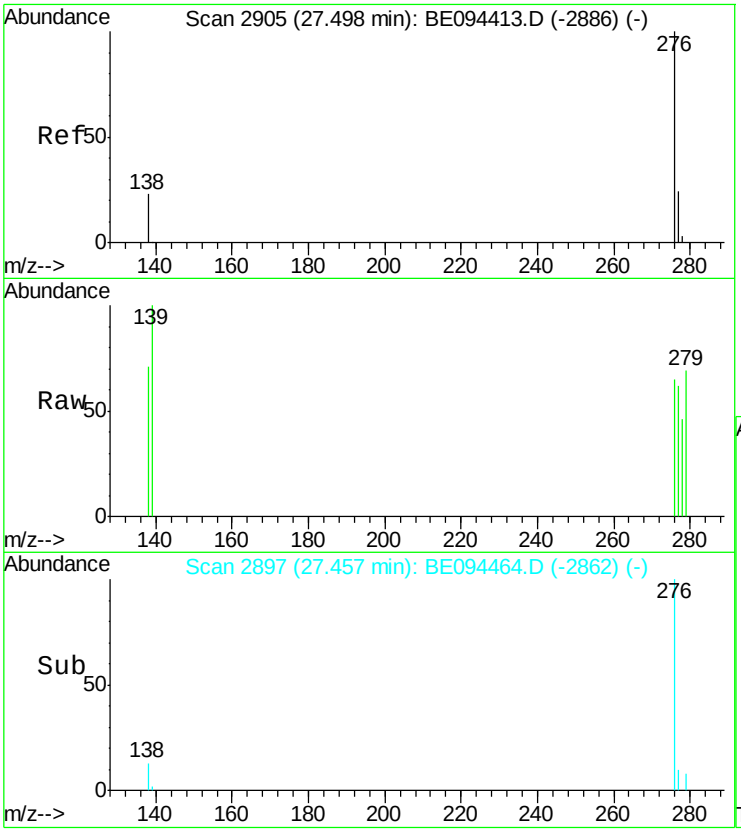


#38
Dibenzo(a,h)anthracene
Concen: 0.002 ng
RT: 26.63 min Scan# 2716
Delta R.T. -0.03 min
Lab File: BE094464.D
Acq: 20 Oct 2017 2:23

Tgt Ion:278 Resp: 56

Ion	Ratio	Lower	Upper
278	100		
139	203.3	56.0	84.0#
279	136.2	52.0	78.0#





#39
Benzo(g,h,i)perylene
Concen: 0.004 ng
RT: 27.46 min Scan# 2897
Delta R.T. -0.04 min
Lab File: BE094464.D
Acq: 20 Oct 2017 2:23

Instrument :
BNA_E
ClientSampleId :
3910-SPP3

Tgt Ion:276 Resp: 102

Ion	Ratio	Lower	Upper
276	100		
277	95.7	52.0	78.0#
138	109.2	44.0	66.0#