Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE120817\
Data File : BE094952.D
Acq On : 8 Dec 2017 17:12
Operator : SJ/JU
Sample : PB104842BSD
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : PB104842BSD

Quant Time: Dec 09 00:26:26 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE113017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 01 13:33:28 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.47	152	8478	0.40	ng		-0.01
7) Naphthalene-d8	11.33	136	17910	0.40	ng		0.00
13) Acenaphthene-d10	15.06	164	8795	0.40	ng		-0.01
19) Phenanthrene-d10	17.77	188	19696	0.40	ng		0.00
27) Chrysene-d12	21.89	240	20682	0.40	ng		0.00
34) Perylene-d12	24.56	264	16607	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.96	112	4559	0.34	ng		0.00
5) Phenol-d6	7.59	99	6393	0.32	ng		0.00
8) Nitrobenzene-d5	9.66	82	5239	0.49	ng		0.00
11) 2-Methylnaphthalene-d10	12.86	152	9931	0.35	ng		0.00
14) 2,4,6-Tribromophenol	16.53	330	573	0.35	ng		0.00
15) 2-Fluorobiphenyl	13.71	172	15029	0.40	ng		0.00
25) Fluoranthene-d10	19.76	212	85282	0.32	ng		0.00
29) Terphenyl-d14	20.33	244	16196	0.42	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.68	88	3204	0.361	ng	#	69
3) n-Nitrosodimethylamine	4.02	42	4124	0.365	ng	#	83
6) bis(2-Chloroethyl)ether	7.87	93	7222	0.366	ng		97
9) Naphthalene	11.38	128	81211	0.387	ng		99
10) Hexachlorobutadiene	11.64	225	3616	0.408	ng		98
12) 2-Methylnaphthalene	12.94	142	19795	0.379	ng		97
16) Acenaphthylene	14.80	152	17385	0.350	ng		99
17) Acenaphthene	15.14	154	11754	0.366	ng		96
18) Fluorene	16.10	166	14902	0.365	ng	#	79
20) 4-Bromophenyl-phenylether	16.97	248	4529	0.412	ng	#	78
21) Hexachlorobenzene	17.09	284	4404	0.411	ng	#	81
22) Pentachlorophenol	17.43	266	1648	0.598	ng	#	71
23) Phenanthrene	17.82	178	24192	0.385	ng		98
24) Anthracene	17.91	178	24533	0.369	ng	#	94
26) Fluoranthene	19.79	202	28206	0.350	ng		99
28) Pyrene	20.14	202	28201	0.395	ng		99
30) Benzo(a)anthracene	21.85	228	25502	0.402	ng	#	63
31) Chrysene	21.92	228	29049	0.415	ng	#	64
32) Bis(2-ethylhexyl)phthalate	21.75	149	30854	0.294	ng		100
33) Indeno(1,2,3-cd)pyrene	27.43	276	25508	0.445	ng		99
35) Benzo(b)fluoranthene	23.73	252	25145	0.415	ng	#	40
36) Benzo(k)fluoranthene	23.78	252	24500	0.396	ng	#	40
37) Benzo(a)pyrene	24.44	252	22927	0.431	ng	#	34
38) Dibenzo(a,h)anthracene	27.46	278	21347	0.435	ng	#	44
39) Benzo(g,h,i)perylene	28.32	276	22155	0.452	ng	#	53

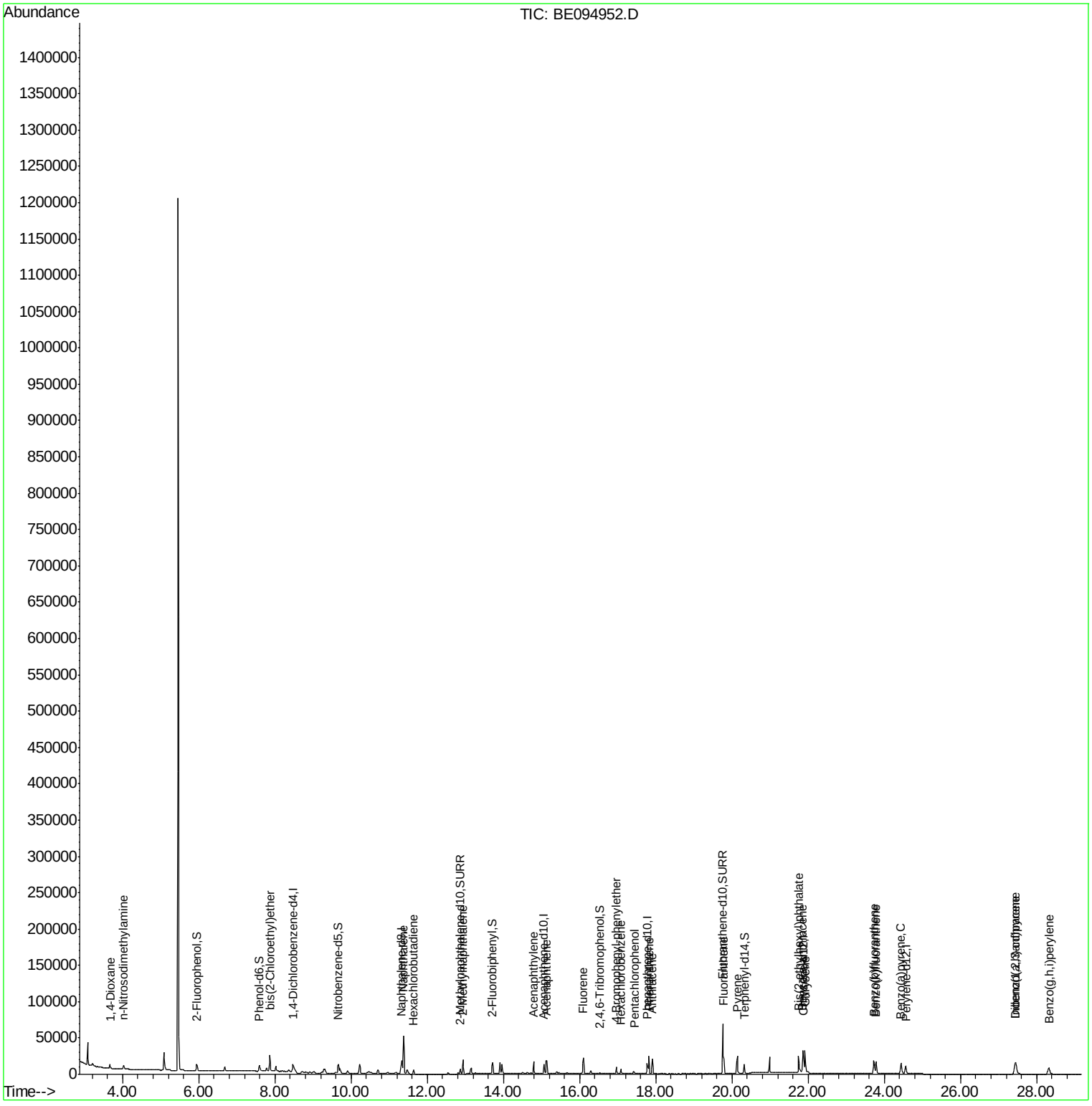
(#) = qualifier out of range (m) = manual integration (+) = signals summed

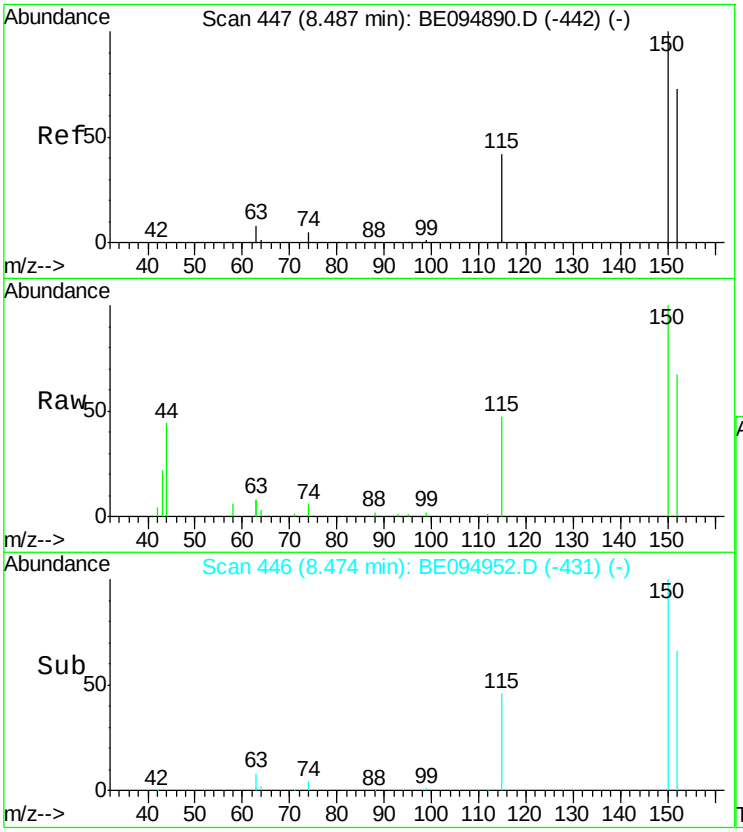
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE120817\
Data File : BE094952.D
Acq On : 8 Dec 2017 17:12
Operator : SJ/JU
Sample : PB104842BSD
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
PB104842BSD

Quant Time: Dec 09 00:26:26 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE113017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 01 13:33:28 2017
Response via : Initial Calibration



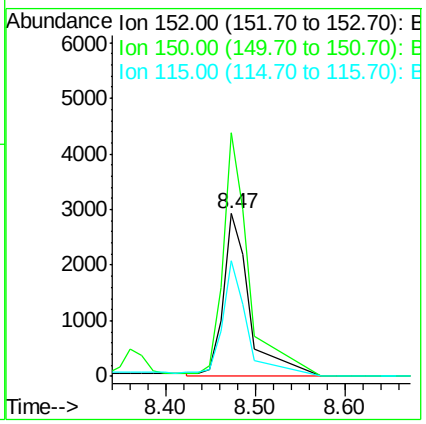


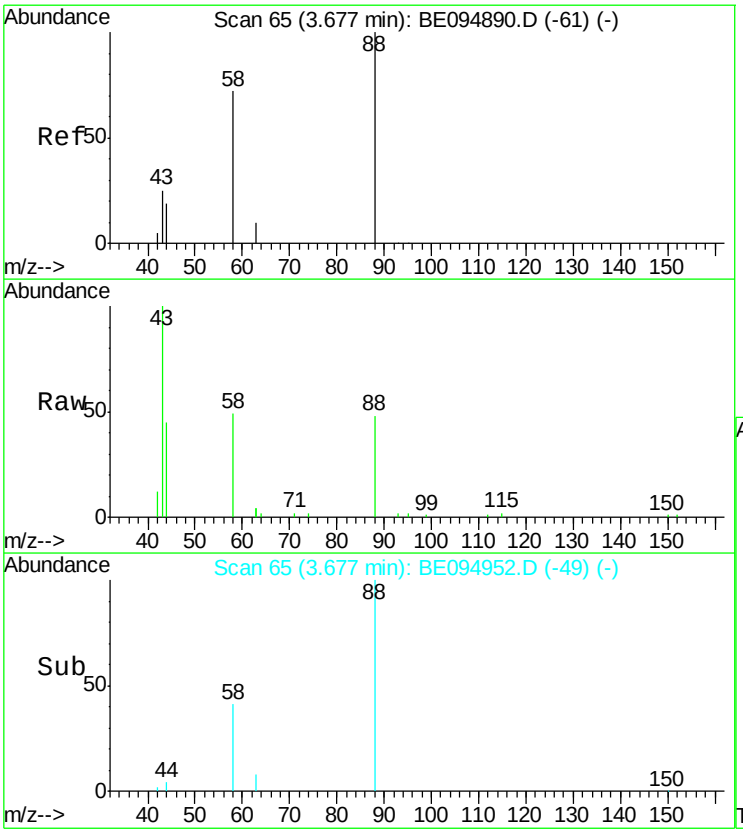
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.47 min Scan# 446
Delta R.T. -0.01 min
Lab File: BE094952.D
Acq: 8 Dec 2017 17:12

Instrument :
BNA_E
ClientSampleId :
PB104842BSD

Tgt Ion:152 Resp: 8478

Ion	Ratio	Lower	Upper
152	100		
150	149.7	117.2	175.8
115	70.9	57.0	85.6

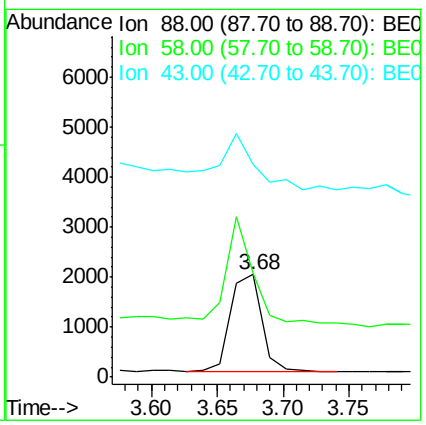


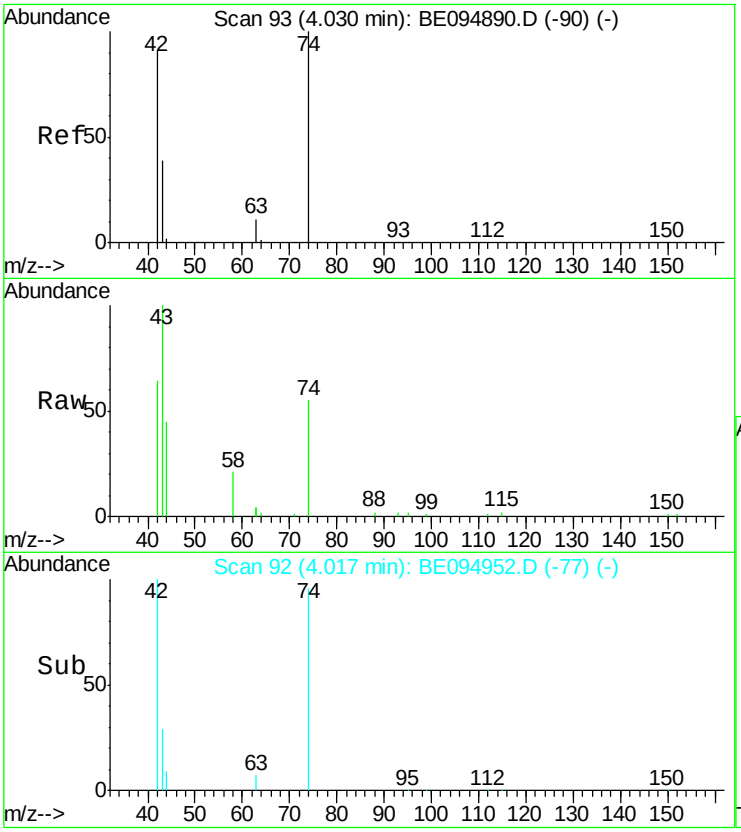


#2
1,4-Dioxane
Concen: 0.361 ng
RT: 3.68 min Scan# 65
Delta R.T. -0.00 min
Lab File: BE094952.D
Acq: 8 Dec 2017 17:12

Tgt Ion: 88 Resp: 3204

Ion	Ratio	Lower	Upper
88	100		
58	109.0	63.2	94.8#
43	69.6	41.2	61.8#



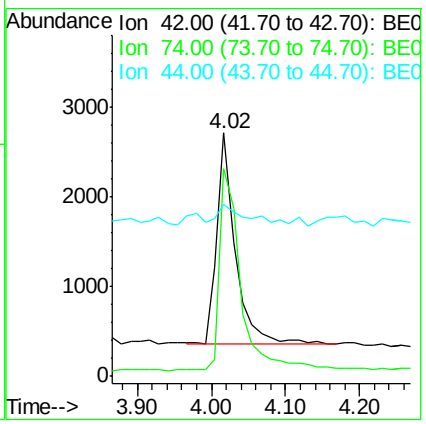


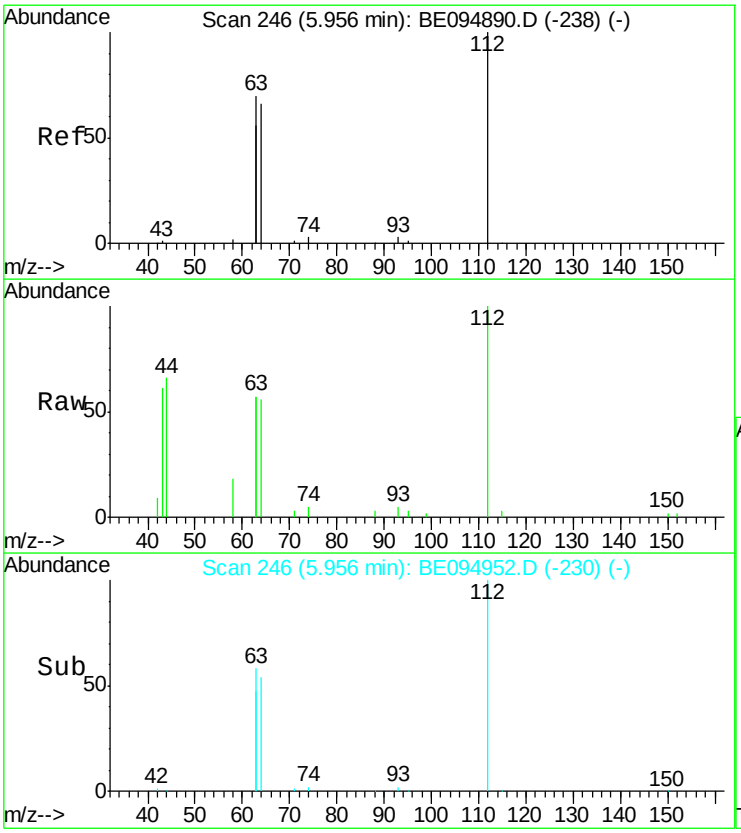
#3
n-Nitrosodimethylamine
Concen: 0.365 ng
RT: 4.02 min Scan# 92
Delta R.T. -0.01 min
Lab File: BE094952.D
Acq: 8 Dec 2017 17:12

Instrument :
BNA_E
ClientSampleId :
PB104842BSD

Tgt Ion: 42 Resp: 4124

Ion	Ratio	Lower	Upper
42	100		
74	107.0	100.3	150.5
44	11.2	17.0	25.4#

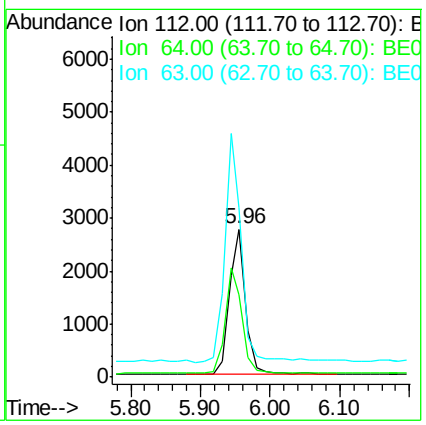


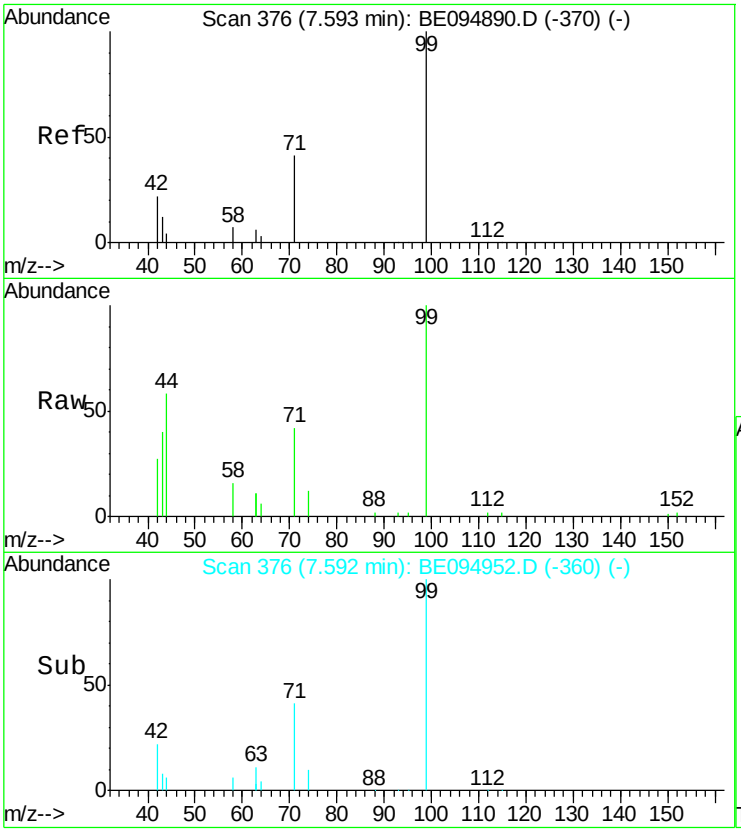


#4
2-Fluorophenol
Concen: 0.340 ng
RT: 5.96 min Scan# 246
Delta R.T. -0.00 min
Lab File: BE094952.D
Acq: 8 Dec 2017 17:12

Tgt Ion:112 Resp: 4559

Ion	Ratio	Lower	Upper
112	100		
64	74.5	60.1	90.1
63	159.1	116.8	175.2



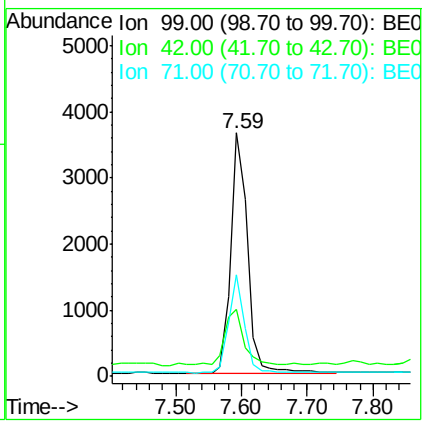


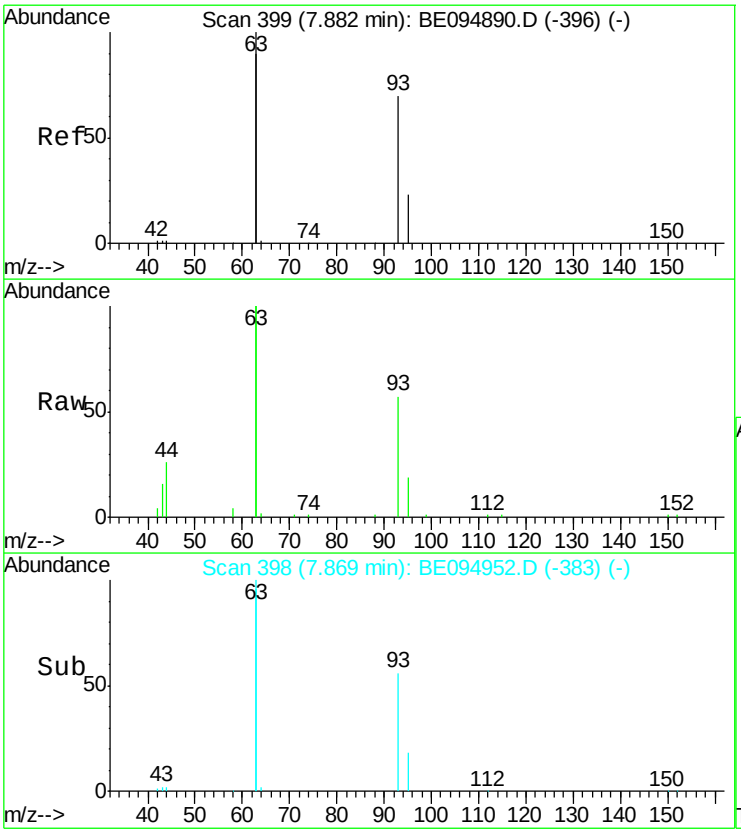
#5
Phenol-d6
Concen: 0.322 ng
RT: 7.59 min Scan# 376
Delta R.T. -0.00 min
Lab File: BE094952.D
Acq: 8 Dec 2017 17:12

Instrument :
BNA_E
ClientSampleId :
PB104842BSD

Tgt Ion: 99 Resp: 6393

Ion	Ratio	Lower	Upper
99	100		
42	28.0	20.2	30.2
71	37.9	28.4	42.6

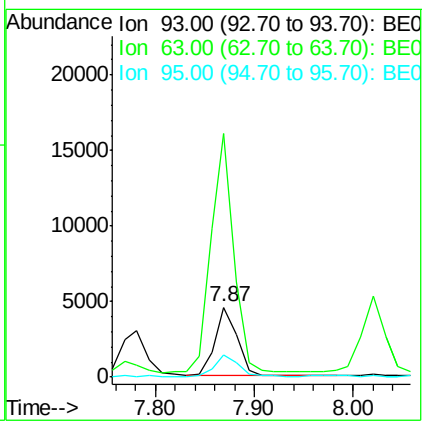


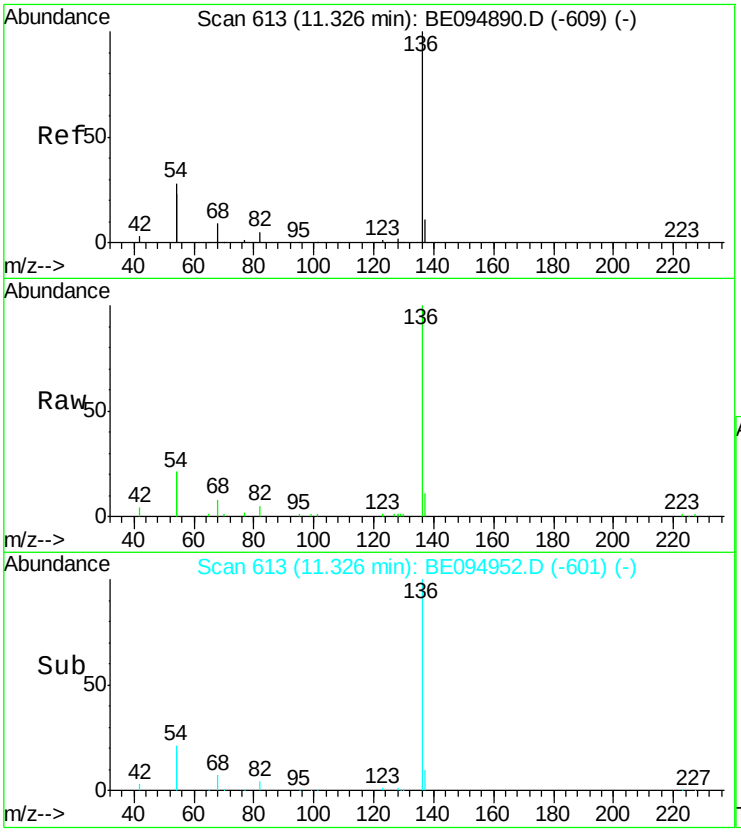


#6
bis(2-Chloroethyl)ether
Concen: 0.366 ng
RT: 7.87 min Scan# 398
Delta R.T. -0.01 min
Lab File: BE094952.D
Acq: 8 Dec 2017 17:12

Tgt Ion: 93 Resp: 7222

Ion	Ratio	Lower	Upper
93	100		
63	351.7	275.3	412.9
95	31.5	25.2	37.8



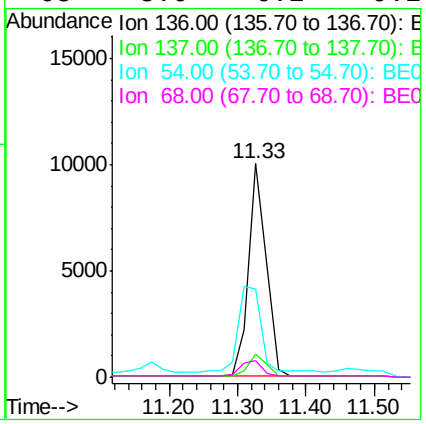


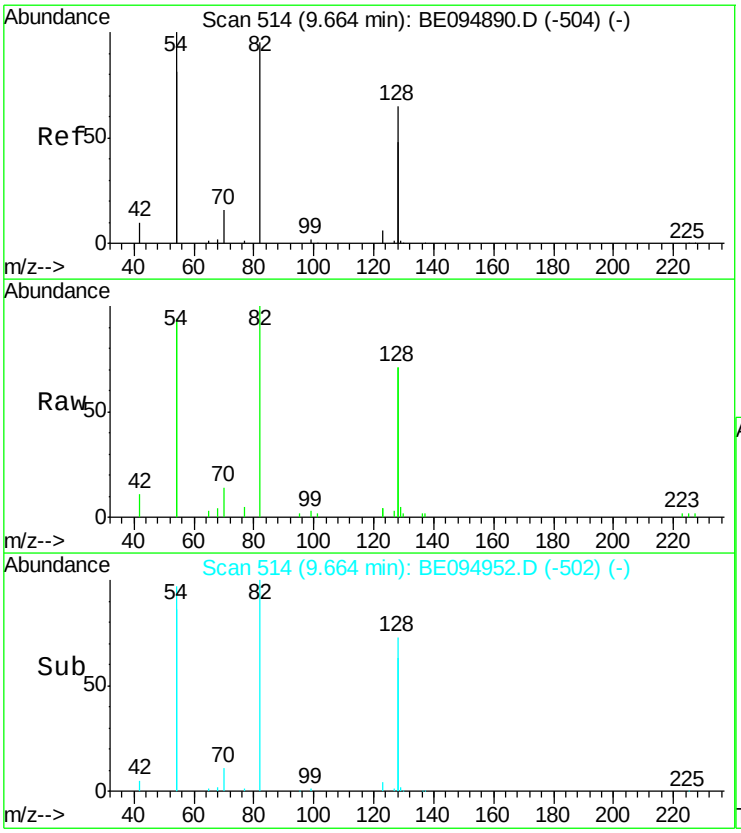
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 11.33 min Scan# 613
Delta R.T. 0.00 min
Lab File: BE094952.D
Acq: 8 Dec 2017 17:12

Instrument :
BNA_E
ClientSampleId :
PB104842BSD

Tgt Ion:136 Resp: 17910

Ion	Ratio	Lower	Upper
136	100		
137	10.7	9.5	14.3
54	41.1	29.1	43.7
68	8.0	6.2	9.2

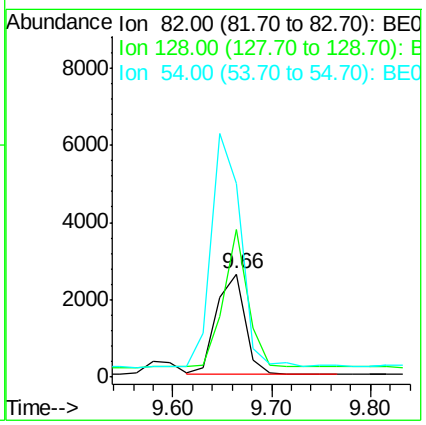


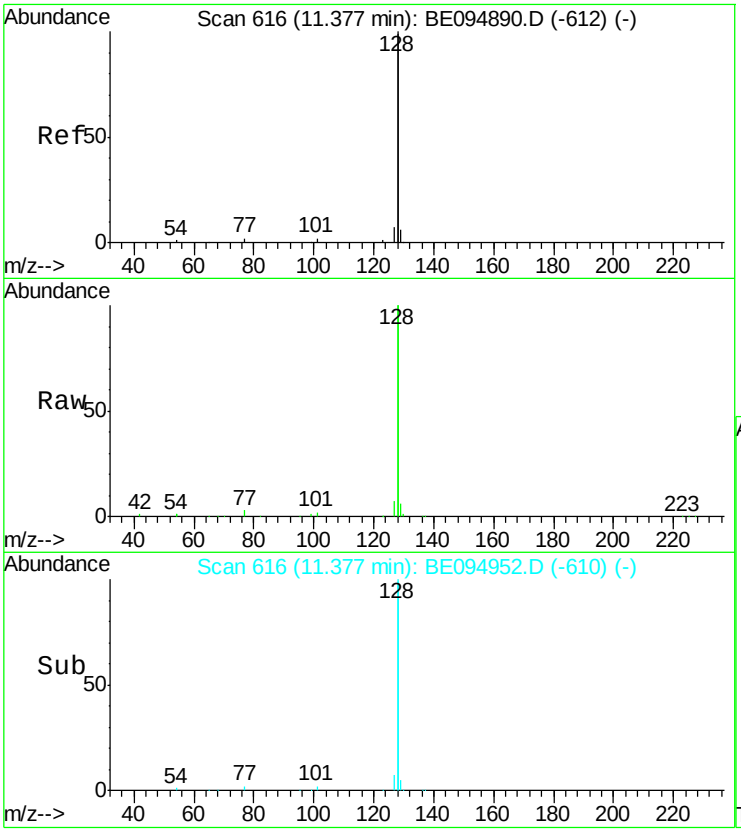


#8
Nitrobenzene-d5
Concen: 0.494 ng
RT: 9.66 min Scan# 514
Delta R.T. 0.00 min
Lab File: BE094952.D
Acq: 8 Dec 2017 17:12

Tgt Ion: 82 Resp: 5239

Ion	Ratio	Lower	Upper
82	100		
128	142.7	150.0	225.0#
54	188.6	154.2	231.4



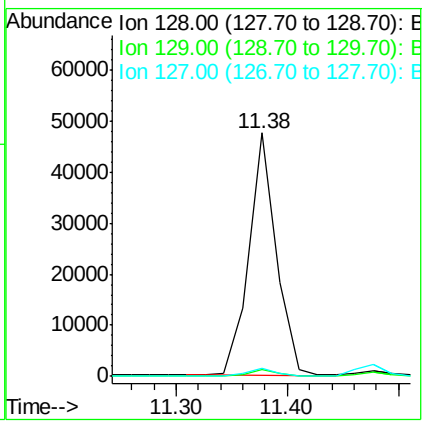


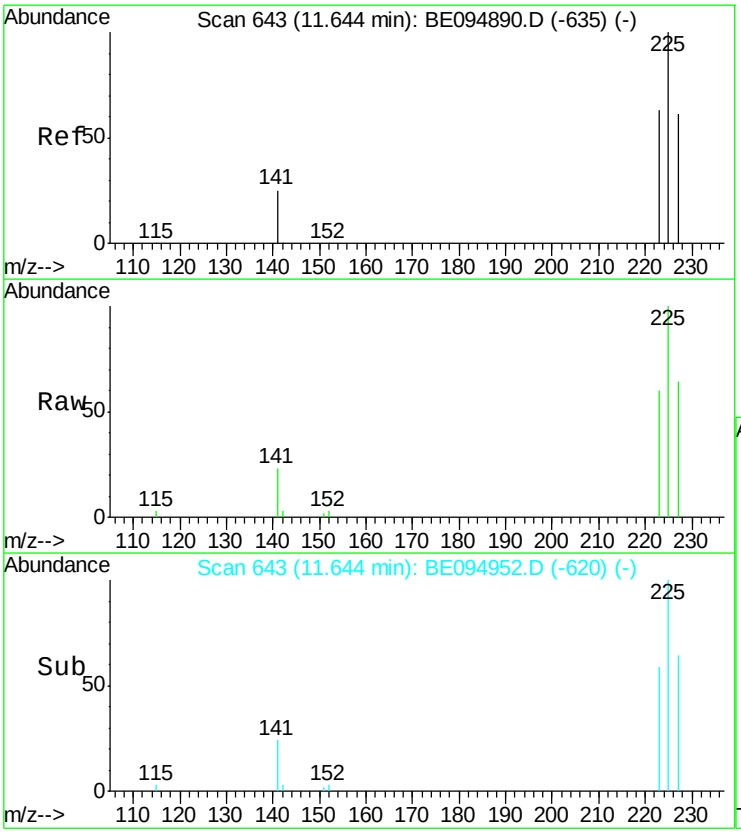
#9
Naphthalene
Concen: 0.387 ng
RT: 11.38 min Scan# 616
Delta R.T. 0.00 min
Lab File: BE094952.D
Acq: 8 Dec 2017 17:12

Instrument :
BNA_E
ClientSampleId :
PB104842BSD

Tgt Ion:128 Resp: 81211

Ion	Ratio	Lower	Upper
128	100		
129	2.8	2.6	3.8
127	3.4	2.8	4.2

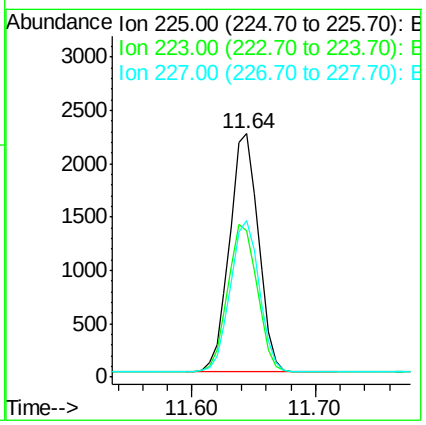


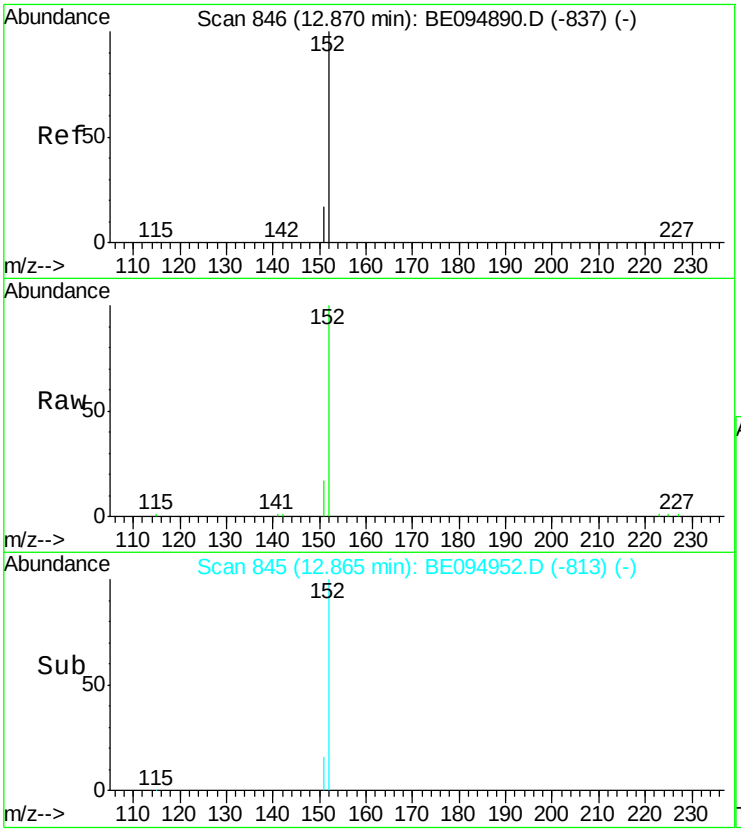


#10
Hexachlorobutadiene
Concen: 0.408 ng
RT: 11.64 min Scan# 643
Delta R.T. 0.00 min
Lab File: BE094952.D
Acq: 8 Dec 2017 17:12

Tgt Ion:225 Resp: 3616

Ion	Ratio	Lower	Upper
225	100		
223	62.8	53.0	79.6
227	64.4	51.4	77.2



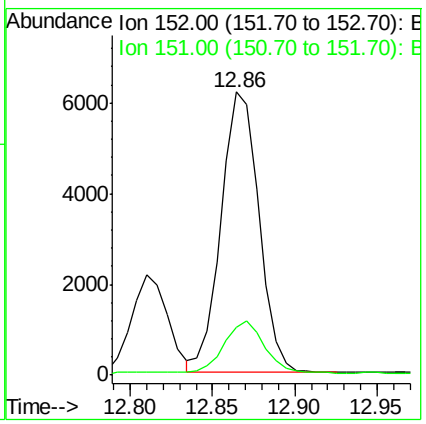


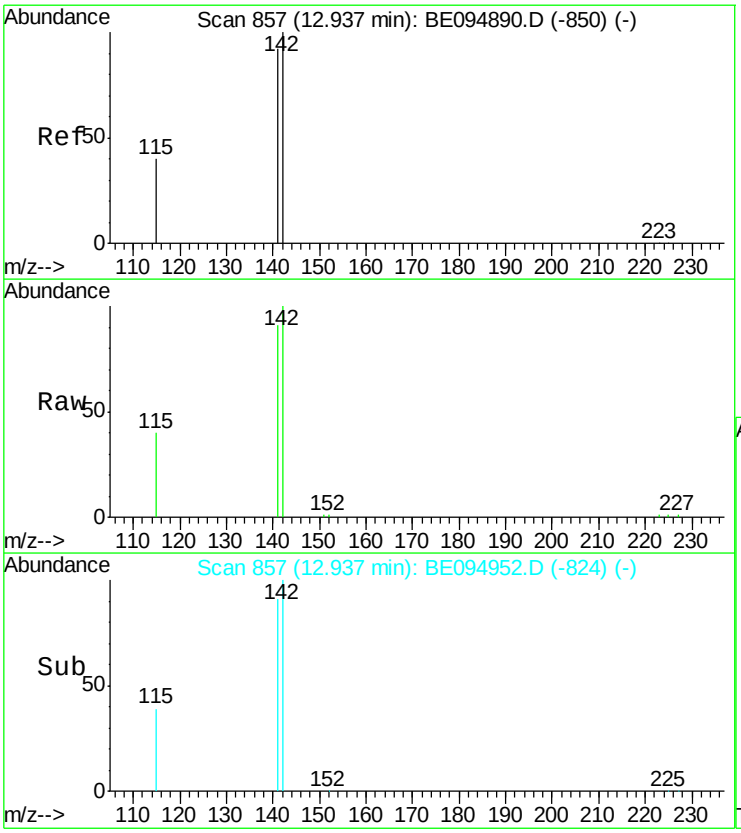
#11
2-Methylnaphthalene-d10
Concen: 0.347 ng
RT: 12.86 min Scan# 845
Delta R.T. -0.01 min
Lab File: BE094952.D
Acq: 8 Dec 2017 17:12

Instrument :
BNA_E
ClientSampleId :
PB104842BSD

Tgt Ion:152 Resp: 9931

Ion	Ratio	Lower	Upper
152	100		
151	19.2	15.4	23.0

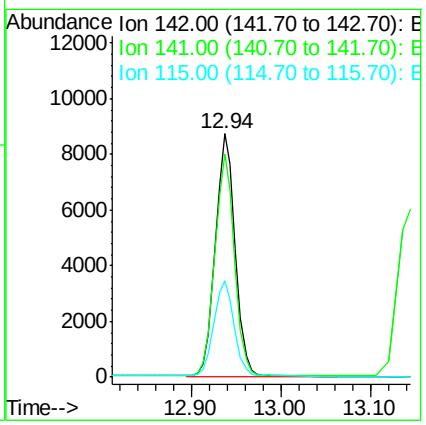


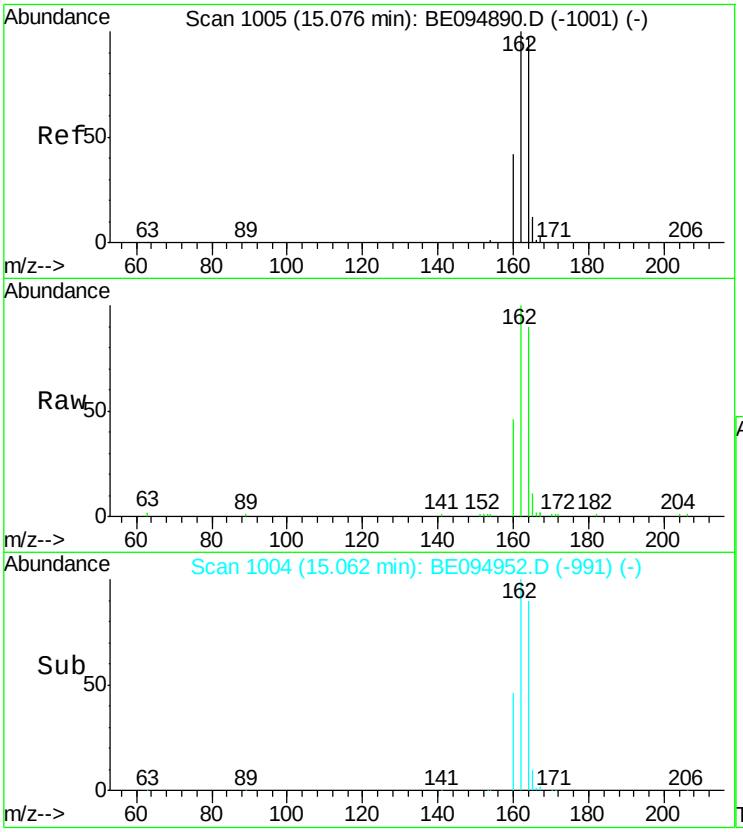


#12
2-Methylnaphthalene
Concen: 0.379 ng
RT: 12.94 min Scan# 857
Delta R.T. 0.00 min
Lab File: BE094952.D
Acq: 8 Dec 2017 17:12

Tgt Ion:142 Resp: 19795

Ion	Ratio	Lower	Upper
142	100		
141	91.5	70.4	105.6
115	39.8	31.7	47.5



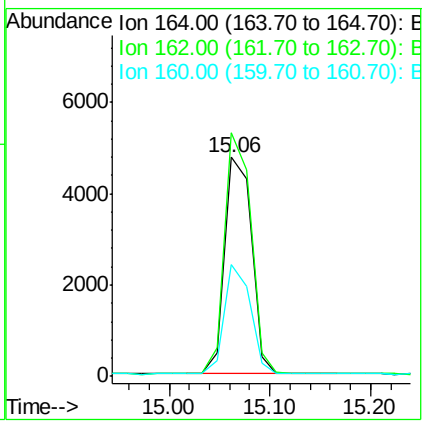


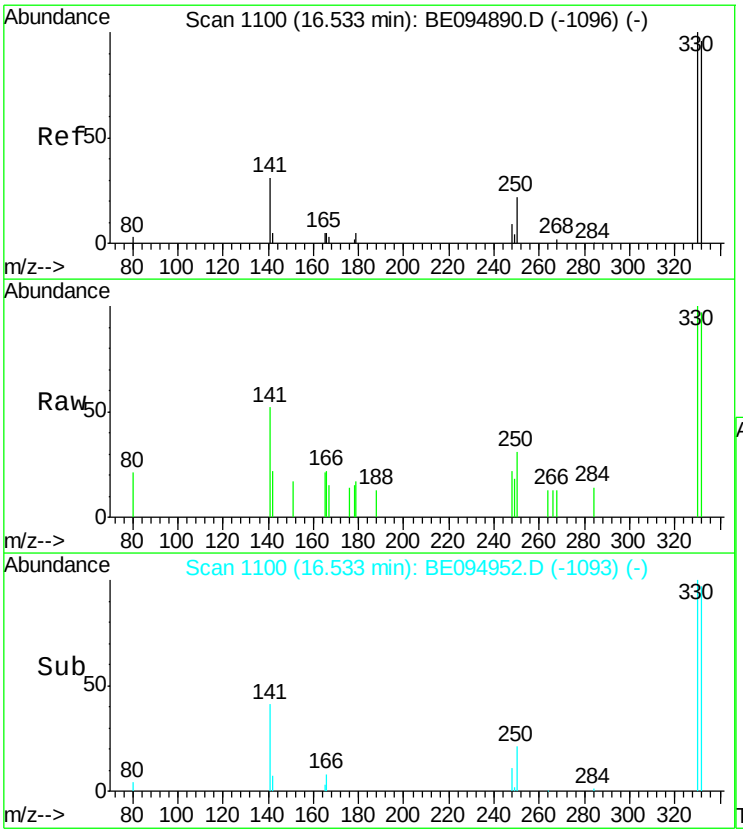
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 15.06 min Scan# 1004
Delta R.T. -0.01 min
Lab File: BE094952.D
Acq: 8 Dec 2017 17:12

Instrument :
BNA_E
ClientSampleId :
PB104842BSD

Tgt Ion:164 Resp: 8795

Ion	Ratio	Lower	Upper
164	100		
162	111.3	83.1	124.7
160	51.3	37.1	55.7

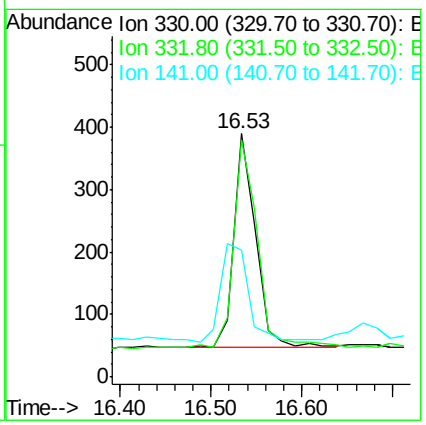


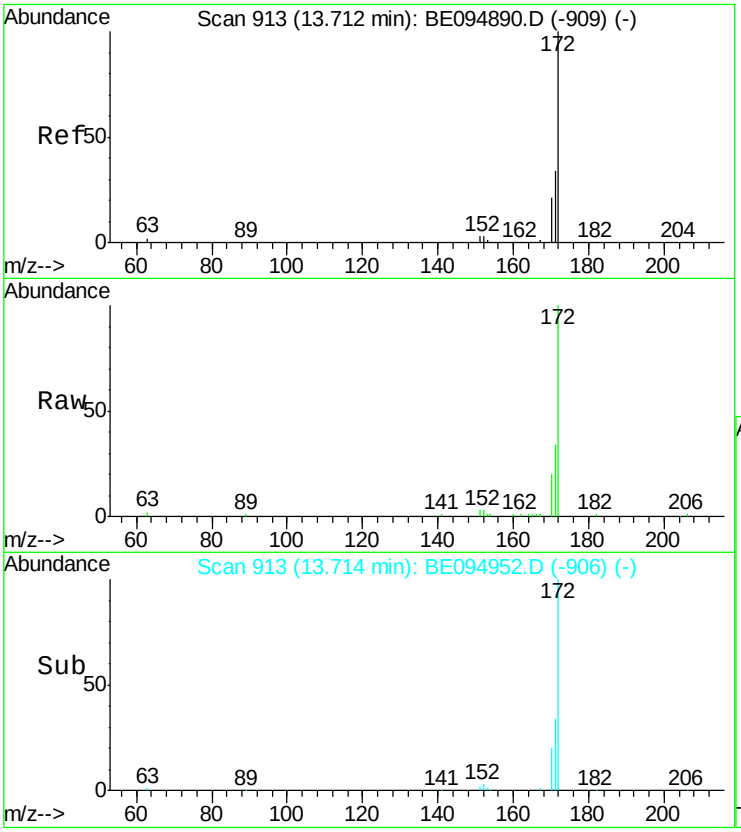


#14
2,4,6-Tribromophenol
Concen: 0.347 ng
RT: 16.53 min Scan# 1100
Delta R.T. 0.00 min
Lab File: BE094952.D
Acq: 8 Dec 2017 17:12

Tgt Ion:330 Resp: 573

Ion	Ratio	Lower	Upper
330	100		
332	106.5	152.7	229.1#
141	54.3	33.7	50.5#



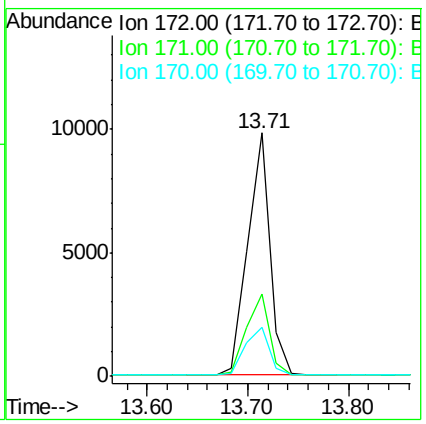


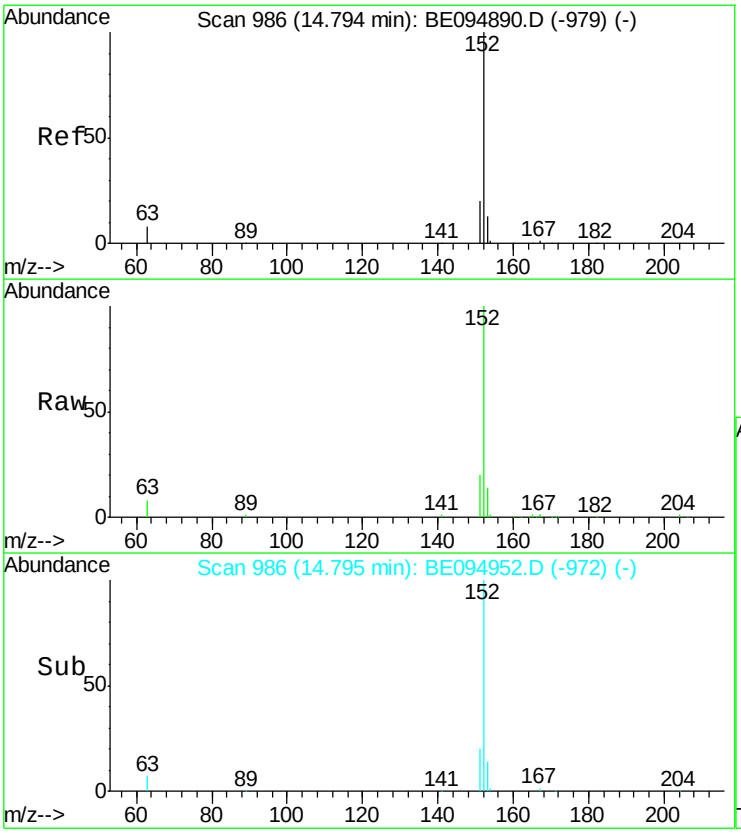
#15
2-Fluorobiphenyl
Concen: 0.399 ng
RT: 13.71 min Scan# 913
Delta R.T. 0.00 min
Lab File: BE094952.D
Acq: 8 Dec 2017 17:12

Instrument :
BNA_E
ClientSampleId :
PB104842BSD

Tgt Ion:172 Resp: 15029

Ion	Ratio	Lower	Upper
172	100		
171	34.0	29.9	44.9
170	20.3	21.8	32.8#

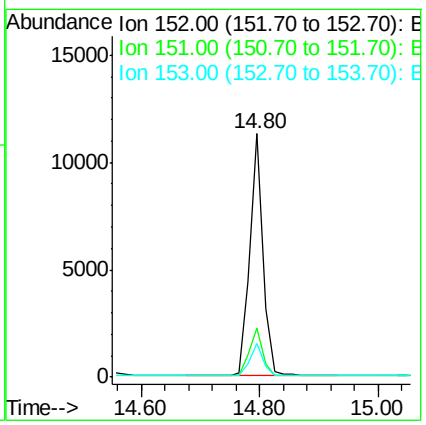


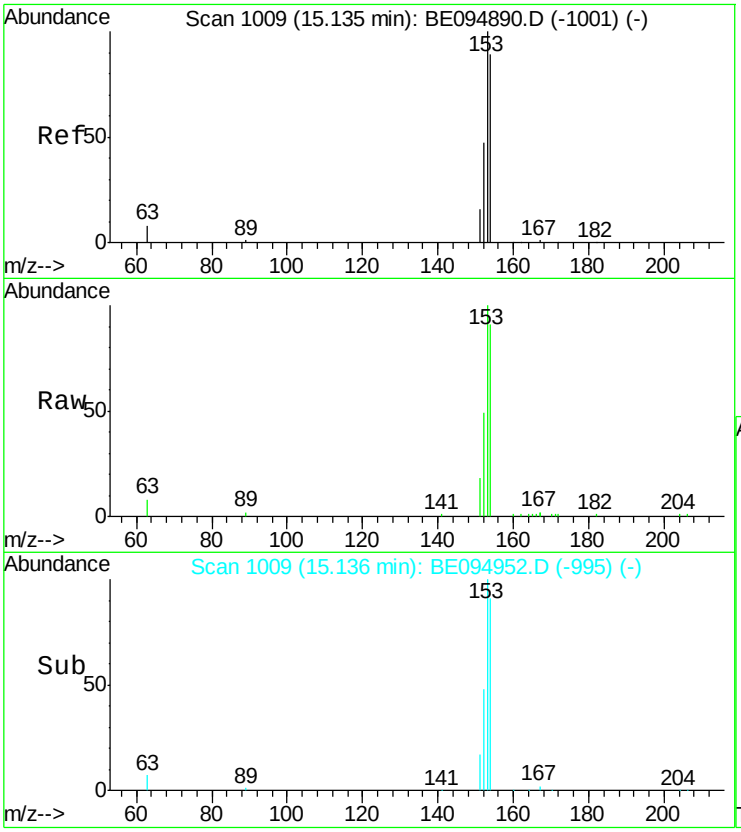


#16
Acenaphthylene
Concen: 0.350 ng
RT: 14.80 min Scan# 986
Delta R.T. 0.00 min
Lab File: BE094952.D
Acq: 8 Dec 2017 17:12

Tgt Ion:152 Resp: 17385

Ion	Ratio	Lower	Upper
152	100		
151	19.9	15.7	23.5
153	13.7	10.5	15.7



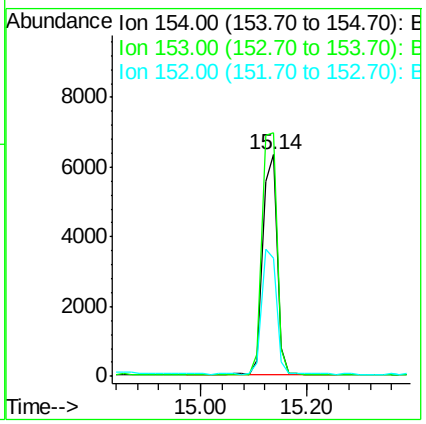


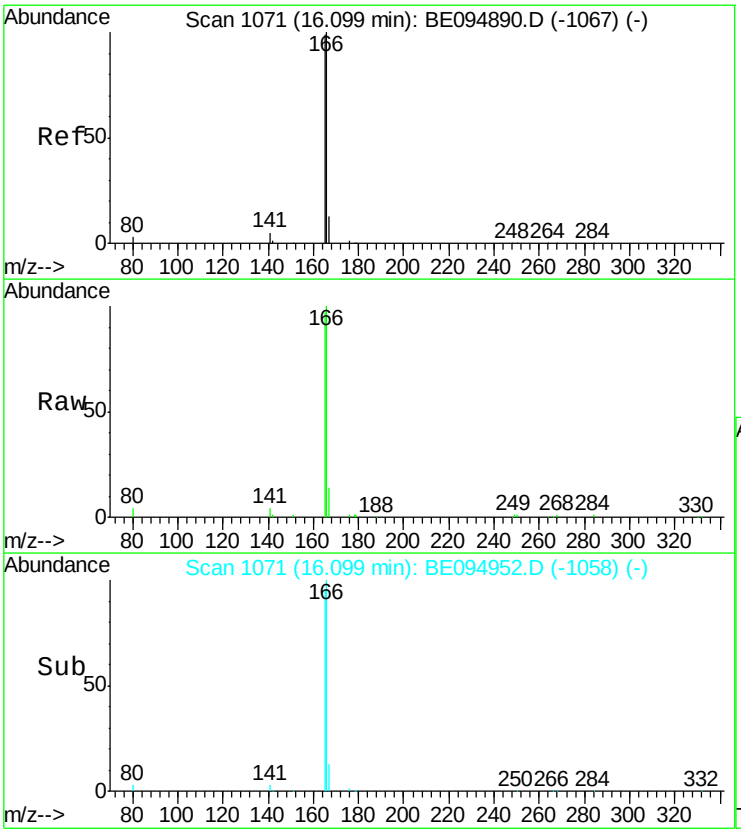
#17
Acenaphthene
Concen: 0.366 ng
RT: 15.14 min Scan# 1009
Delta R.T. 0.00 min
Lab File: BE094952.D
Acq: 8 Dec 2017 17:12

Instrument :
BNA_E
ClientSampleId :
PB104842BSD

Tgt Ion:154 Resp: 11754

Ion	Ratio	Lower	Upper
154	100		
153	114.4	89.2	133.8
152	58.2	42.0	63.0

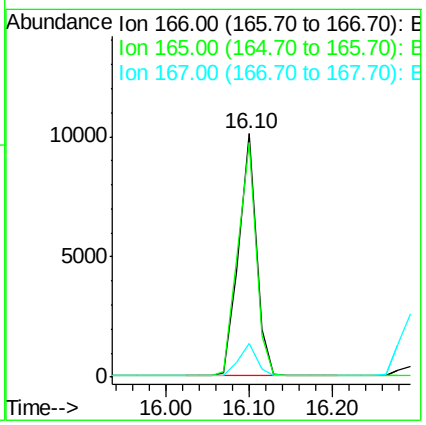


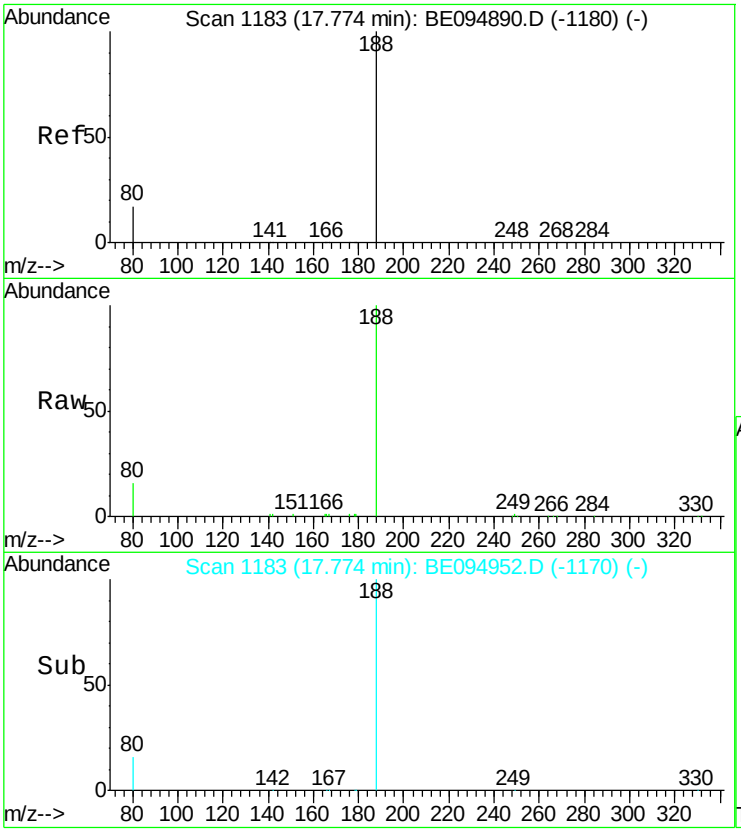


#18
Fluorene
Concen: 0.365 ng
RT: 16.10 min Scan# 1071
Delta R.T. 0.00 min
Lab File: BE094952.D
Acq: 8 Dec 2017 17:12

Tgt Ion:166 Resp: 14902

Ion	Ratio	Lower	Upper
166	100		
165	99.1	77.8	116.6
167	13.5	42.4	63.6#



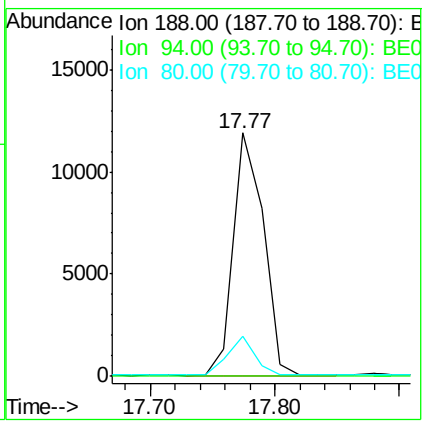


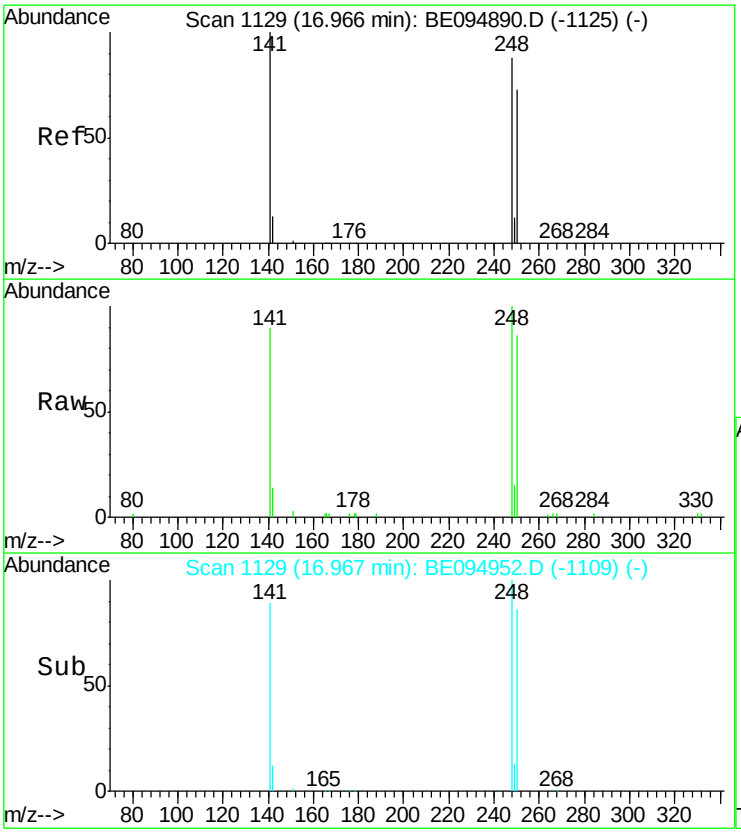
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.77 min Scan# 1183
Delta R.T. 0.00 min
Lab File: BE094952.D
Acq: 8 Dec 2017 17:12

Instrument :
BNA_E
ClientSampleId :
PB104842BSD

Tgt Ion:188 Resp: 19696

Ion	Ratio	Lower	Upper
188	100		
94	0.0	3.9	5.9#
80	16.2	3.6	5.4#

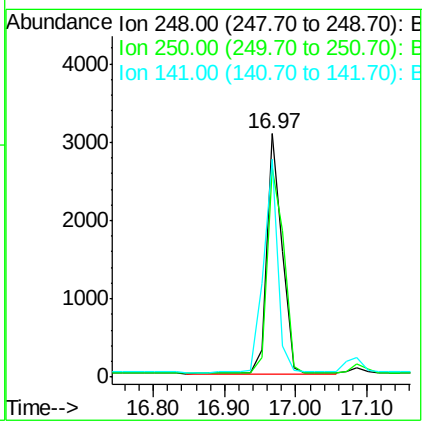


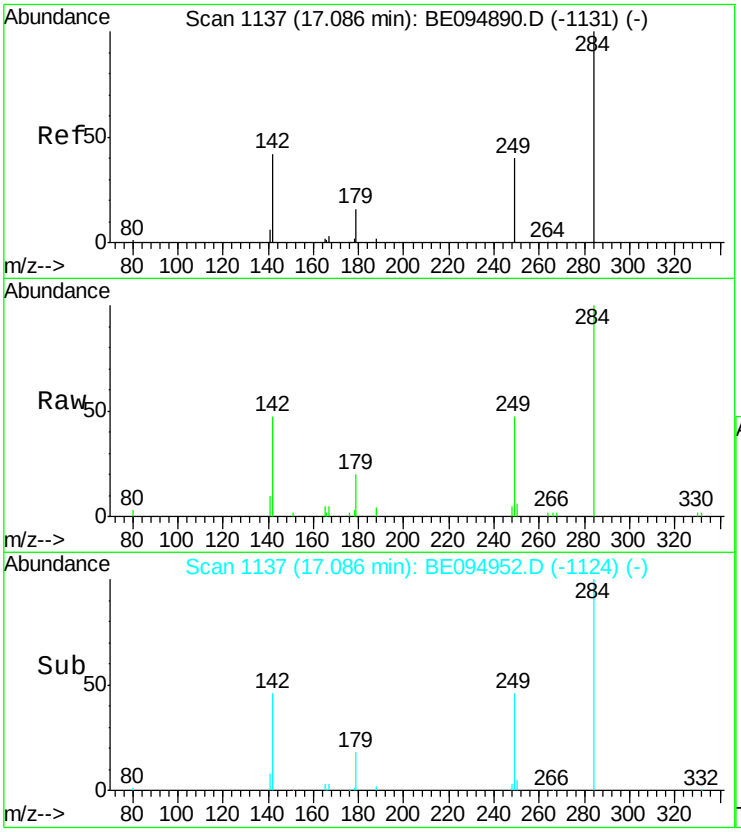


#20
4-Bromophenyl-phenylether
Concen: 0.412 ng
RT: 16.97 min Scan# 1129
Delta R.T. 0.00 min
Lab File: BE094952.D
Acq: 8 Dec 2017 17:12

Tgt Ion:248 Resp: 4529

Ion	Ratio	Lower	Upper
248	100		
250	86.0	62.7	94.1
141	89.8	48.2	72.2#



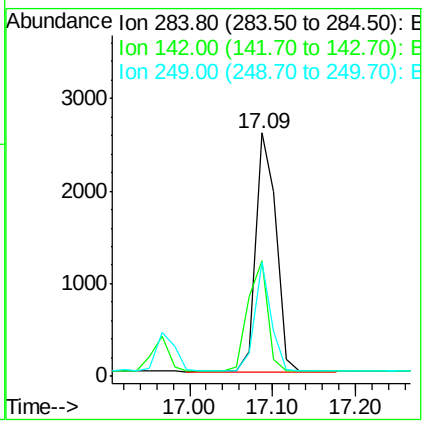


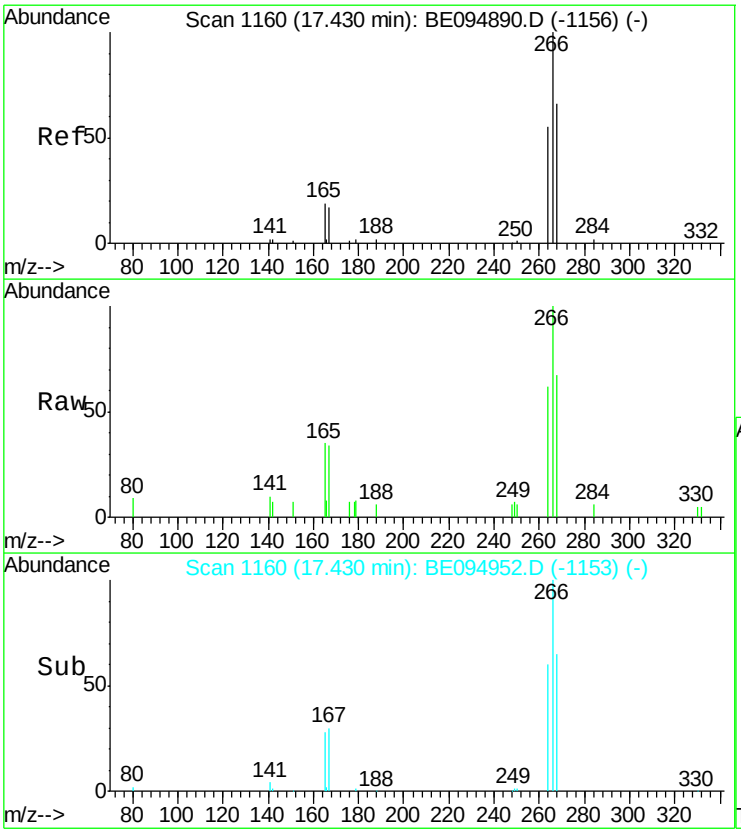
#21
Hexachlorobenzene
Concen: 0.411 ng
RT: 17.09 min Scan# 1137
Delta R.T. 0.00 min
Lab File: BE094952.D
Acq: 8 Dec 2017 17:12

Instrument :
BNA_E
ClientSampleId :
PB104842BSD

Tgt Ion:284 Resp: 4404

Ion	Ratio	Lower	Upper
284	100		
142	44.6	22.1	33.1#
249	37.1	34.8	52.2

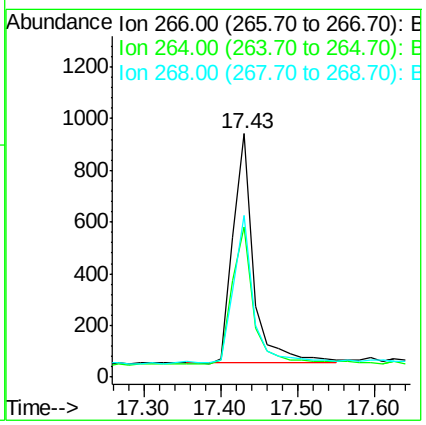


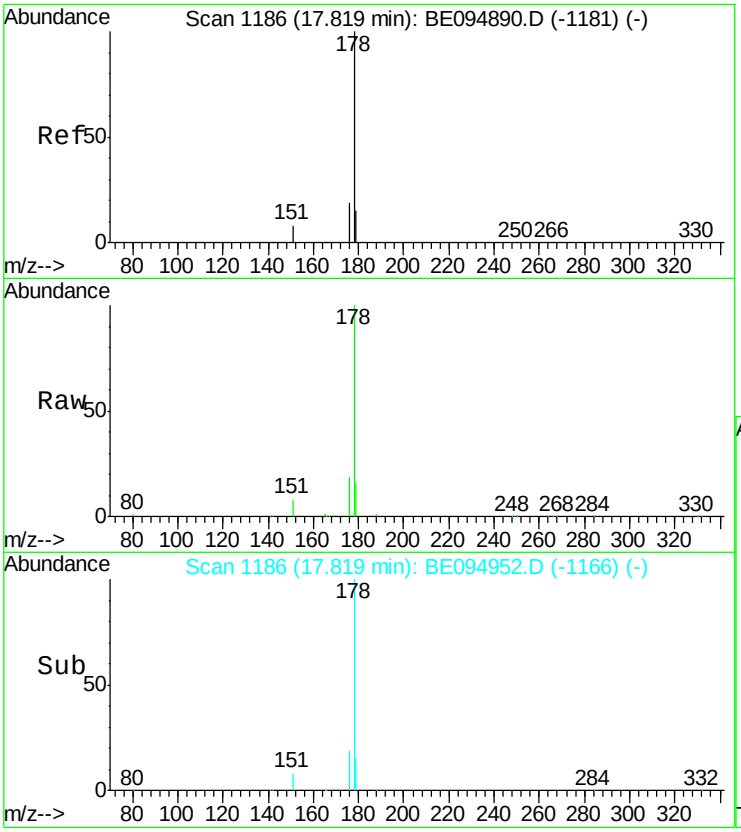


#22
Pentachlorophenol
Concen: 0.598 ng
RT: 17.43 min Scan# 1160
Delta R.T. 0.00 min
Lab File: BE094952.D
Acq: 8 Dec 2017 17:12

Tgt Ion:266 Resp: 1648

Ion	Ratio	Lower	Upper
266	100		
264	61.8	72.5	108.7#
268	66.6	73.8	110.6#



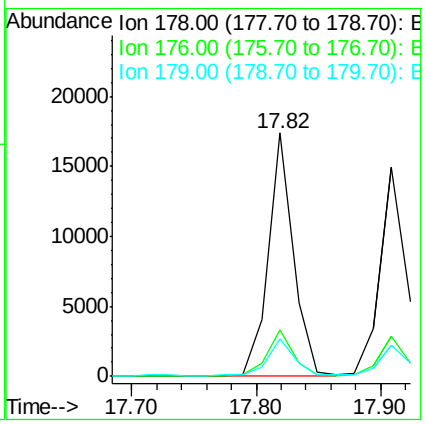


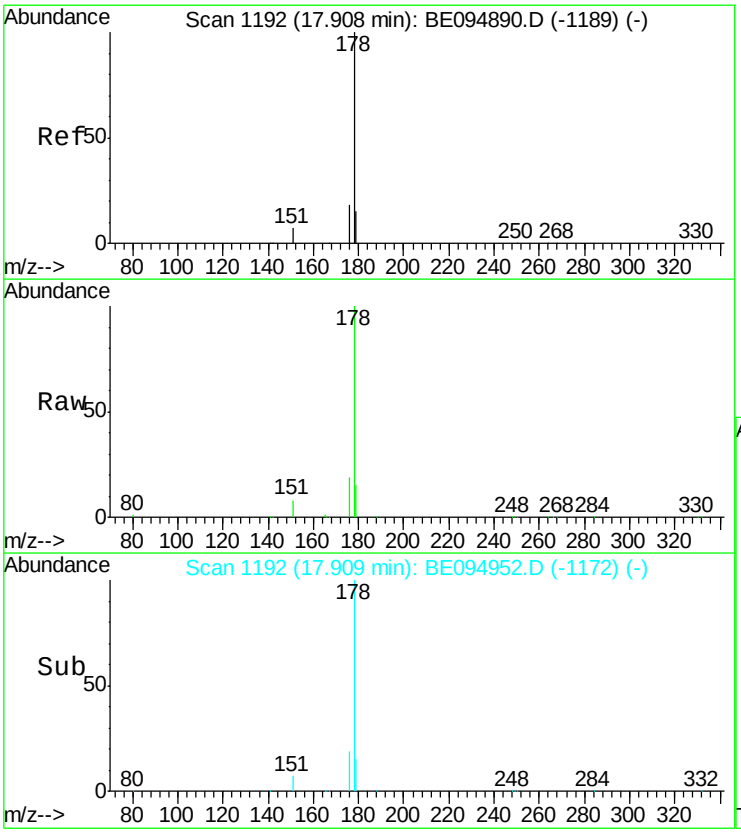
#23
Phenanthrene
Concen: 0.385 ng
RT: 17.82 min Scan# 1186
Delta R.T. 0.00 min
Lab File: BE094952.D
Acq: 8 Dec 2017 17:12

Instrument :
BNA_E
ClientSampleId :
PB104842BSD

Tgt Ion:178 Resp: 24192

Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.1	22.7
179	15.8	11.8	17.6

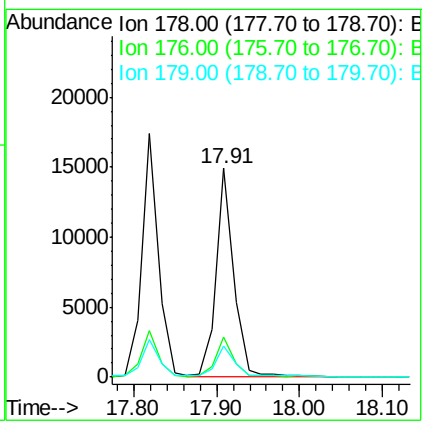


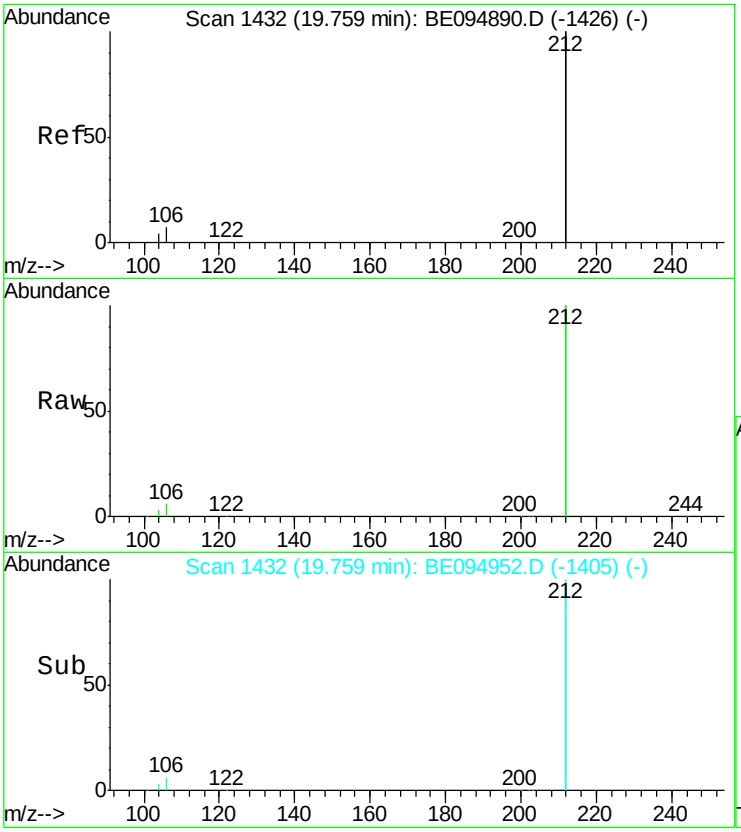


#24
Anthracene
Concen: 0.369 ng
RT: 17.91 min Scan# 1192
Delta R.T. 0.00 min
Lab File: BE094952.D
Acq: 8 Dec 2017 17:12

Tgt Ion:178 Resp: 24533

Ion	Ratio	Lower	Upper
178	100		
176	20.4	12.8	19.2#
179	17.2	13.0	19.6



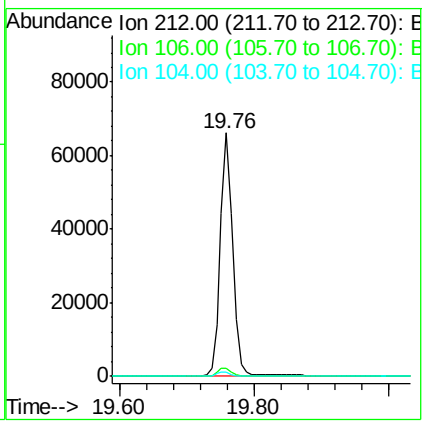


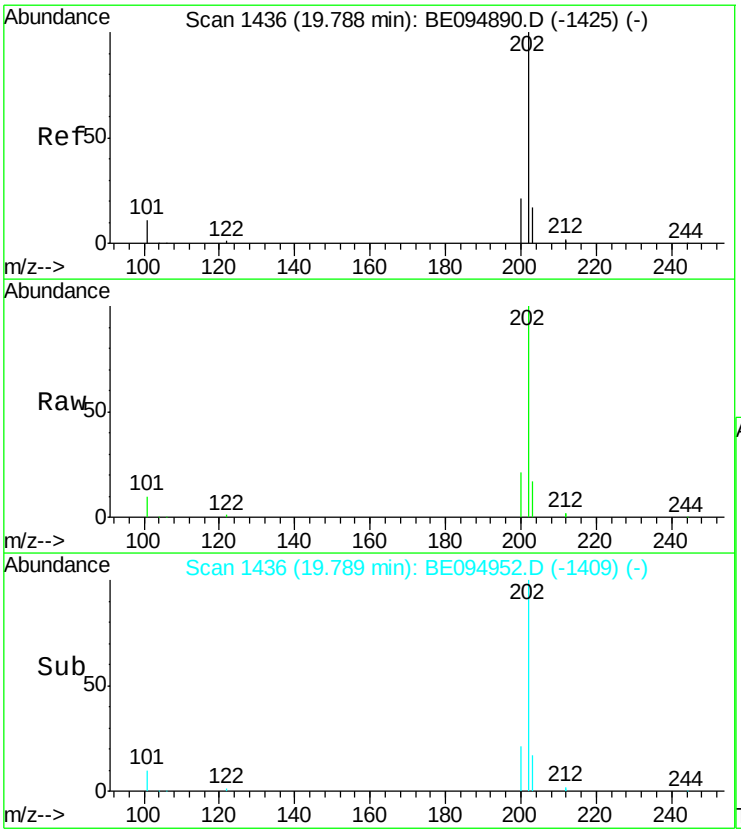
#25
Fluoranthene-d10
Concen: 0.317 ng
RT: 19.76 min Scan# 1432
Delta R.T. 0.00 min
Lab File: BE094952.D
Acq: 8 Dec 2017 17:12

Instrument :
BNA_E
ClientSampleId :
PB104842BSD

Tgt Ion:212 Resp: 85282

Ion	Ratio	Lower	Upper
212	100		
106	3.4	2.8	4.2
104	1.9	1.6	2.4

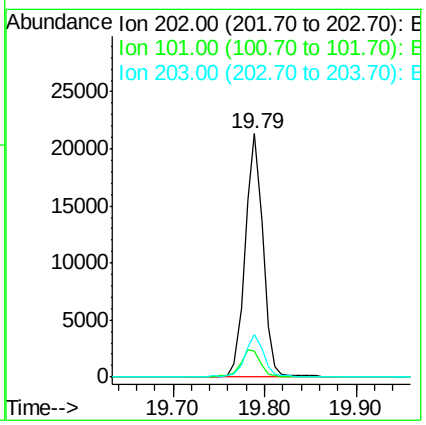


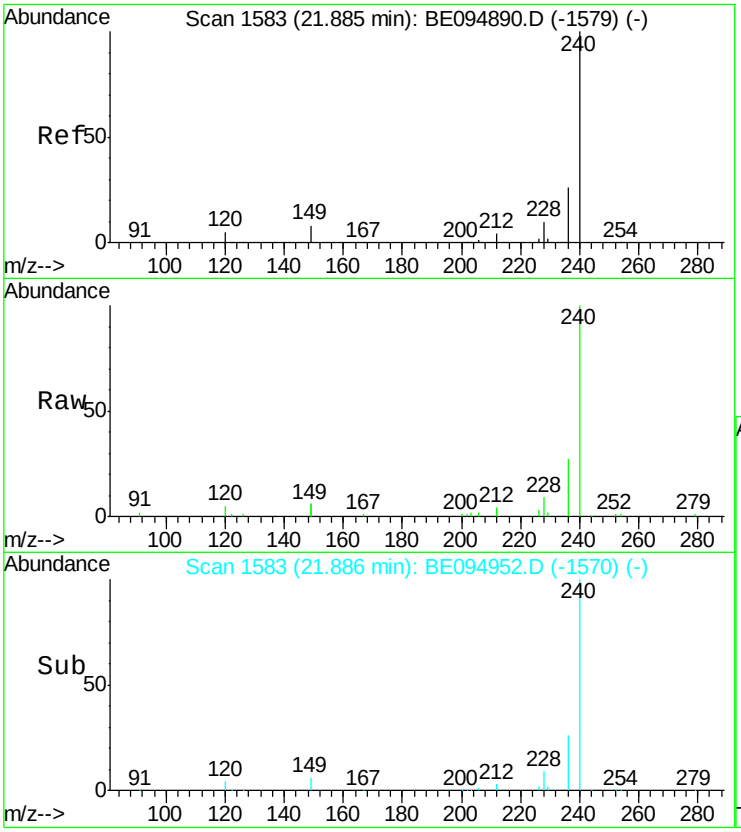


#26
Fluoranthene
Concen: 0.350 ng
RT: 19.79 min Scan# 1436
Delta R.T. 0.00 min
Lab File: BE094952.D
Acq: 8 Dec 2017 17:12

Tgt Ion:202 Resp: 28206

Ion	Ratio	Lower	Upper
202	100		
101	11.8	9.8	14.8
203	17.1	13.7	20.5



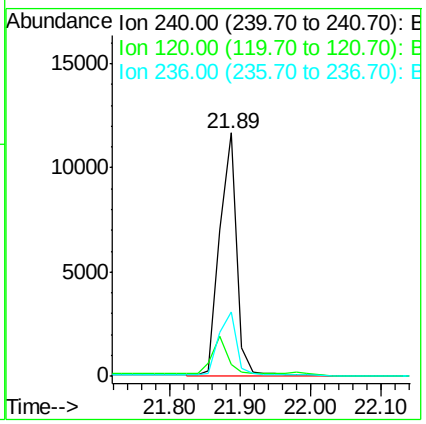


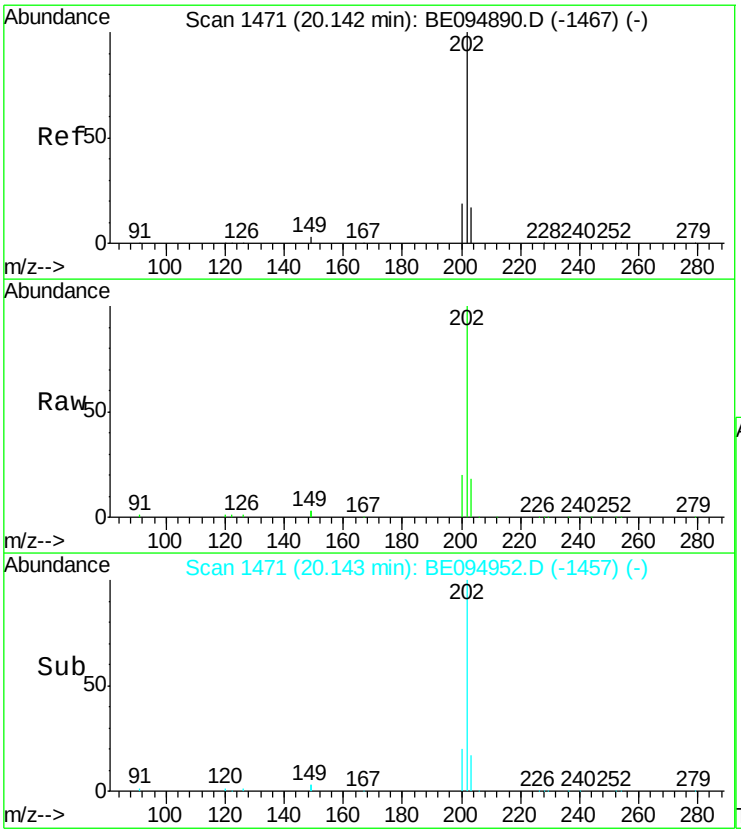
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.89 min Scan# 1583
Delta R.T. 0.00 min
Lab File: BE094952.D
Acq: 8 Dec 2017 17:12

Instrument :
BNA_E
ClientSampleId :
PB104842BSD

Tgt Ion:240 Resp: 20682

Ion	Ratio	Lower	Upper
240	100		
120	4.7	5.5	8.3#
236	26.6	20.7	31.1

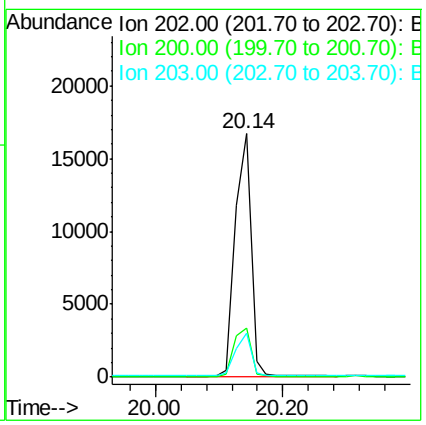


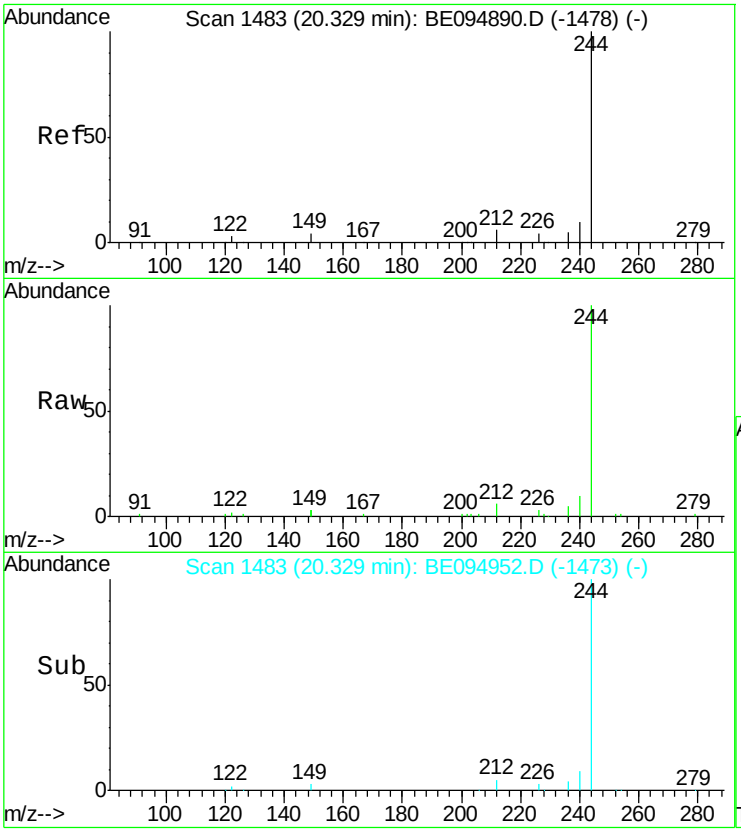


#28
Pyrene
Concen: 0.395 ng
RT: 20.14 min Scan# 1471
Delta R.T. 0.00 min
Lab File: BE094952.D
Acq: 8 Dec 2017 17:12

Tgt Ion:202 Resp: 28201

Ion	Ratio	Lower	Upper
202	100		
200	21.5	16.6	25.0
203	17.4	13.8	20.8



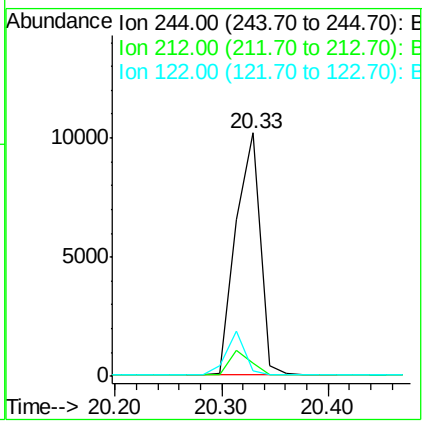


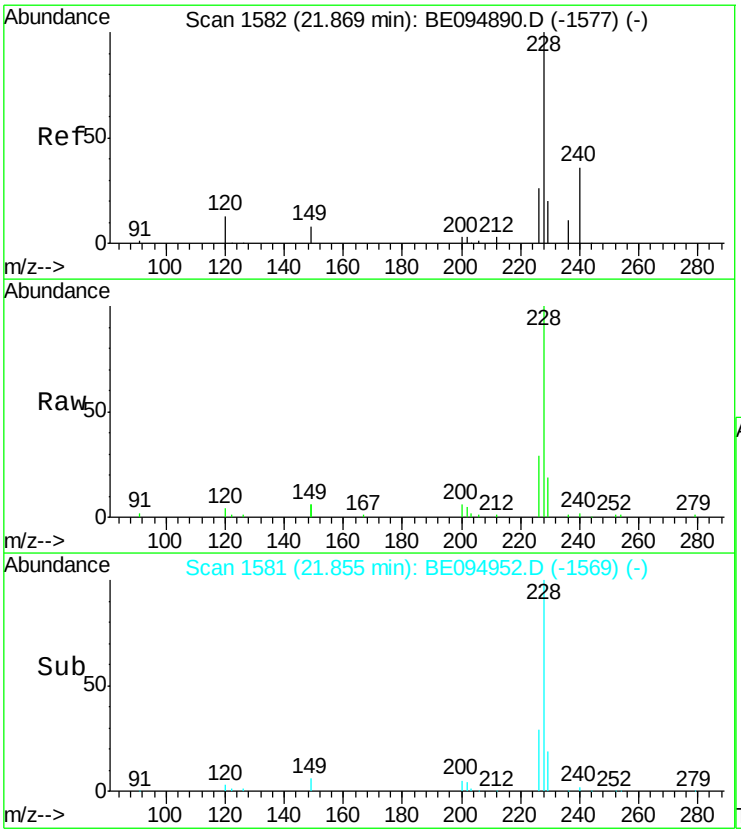
#29
Terphenyl-d14
Concen: 0.424 ng
RT: 20.33 min Scan# 1483
Delta R.T. 0.00 min
Lab File: BE094952.D
Acq: 8 Dec 2017 17:12

Instrument :
BNA_E
ClientSampleId :
PB104842BSD

Tgt Ion:244 Resp: 16196

Ion	Ratio	Lower	Upper
244	100		
212	5.6	25.4	38.0#
122	2.4	8.1	12.1#

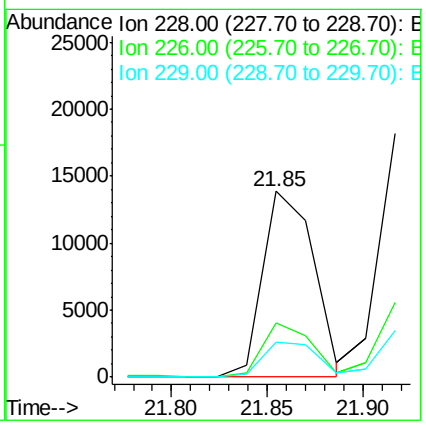


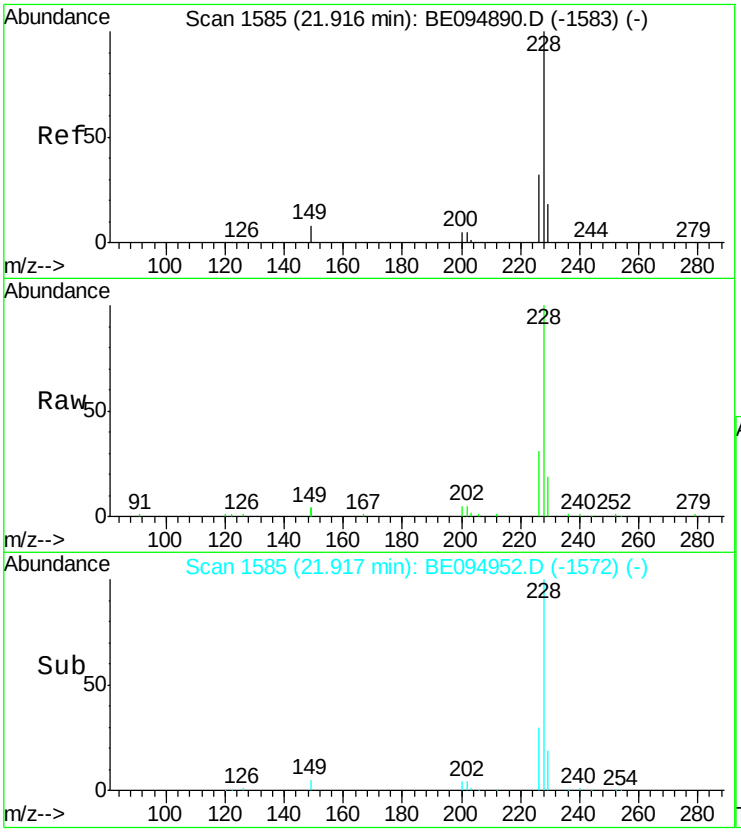


#30
Benzo(a)anthracene
Concen: 0.402 ng
RT: 21.85 min Scan# 1581
Delta R.T. -0.01 min
Lab File: BE094952.D
Acq: 8 Dec 2017 17:12

Tgt Ion:228 Resp: 25502

Ion	Ratio	Lower	Upper
228	100		
226	29.5	40.0	60.0#
229	19.0	40.0	60.0#



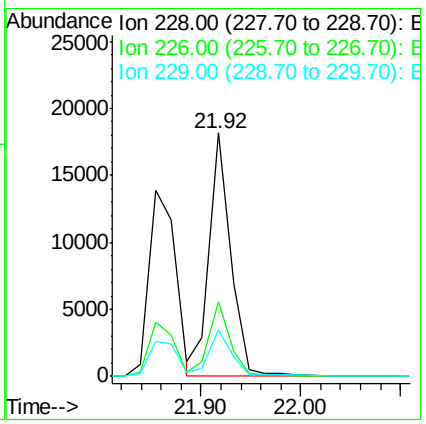


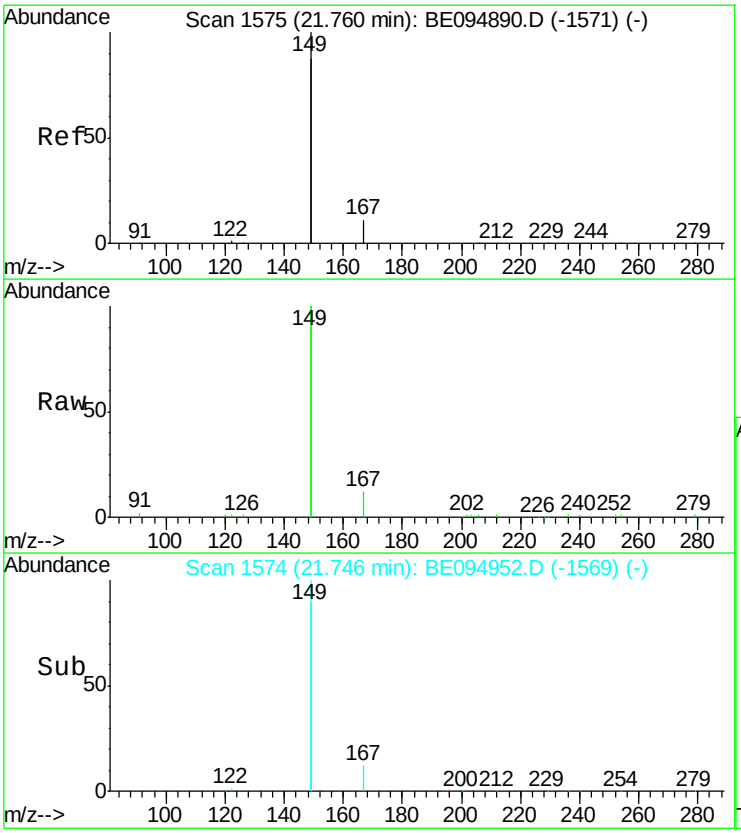
#31
Chrysene
Concen: 0.415 ng
RT: 21.92 min Scan# 1585
Delta R.T. 0.00 min
Lab File: BE094952.D
Acq: 8 Dec 2017 17:12

Instrument :
BNA_E
ClientSampleId :
PB104842BSD

Tgt Ion:228 Resp: 29049

Ion	Ratio	Lower	Upper
228	100		
226	30.5	40.0	60.0#
229	19.2	40.0	60.0#

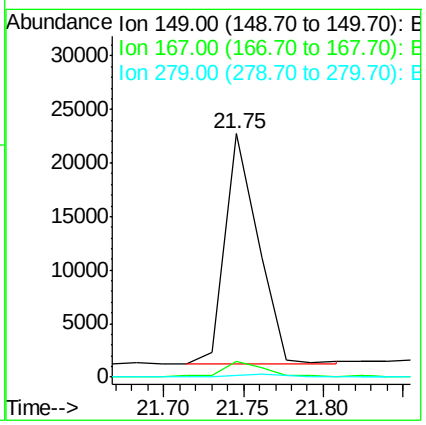


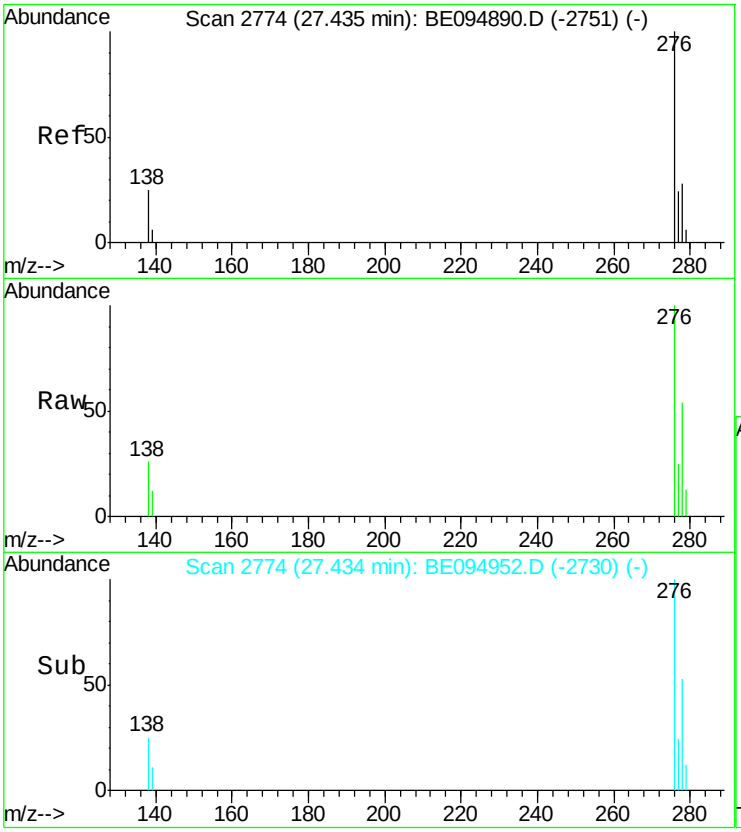


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.294 ng
RT: 21.75 min Scan# 1574
Delta R.T. -0.01 min
Lab File: BE094952.D
Acq: 8 Dec 2017 17:12

Tgt Ion:149 Resp: 30854

Ion	Ratio	Lower	Upper
149	100		
167	6.8	5.4	8.0
279	0.8	0.7	1.1



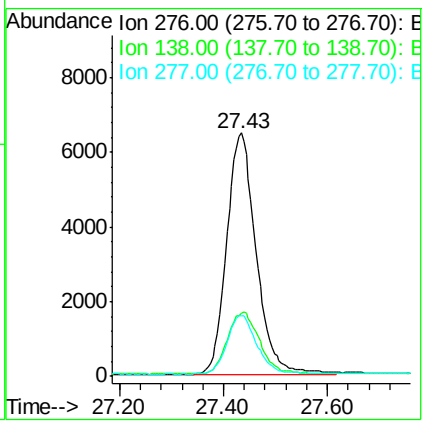


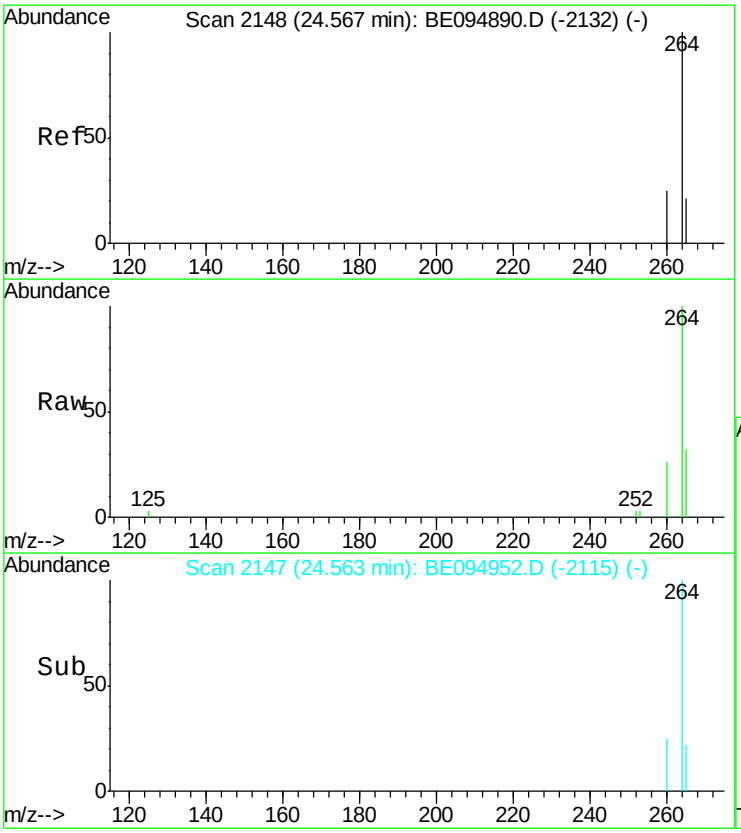
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.445 ng
RT: 27.43 min Scan# 2774
Delta R.T. -0.00 min
Lab File: BE094952.D
Acq: 8 Dec 2017 17:12

Instrument :
BNA_E
ClientSampleId :
PB104842BSD

Tgt Ion:276 Resp: 25508

Ion	Ratio	Lower	Upper
276	100		
138	27.5	22.5	33.7
277	24.3	19.9	29.9

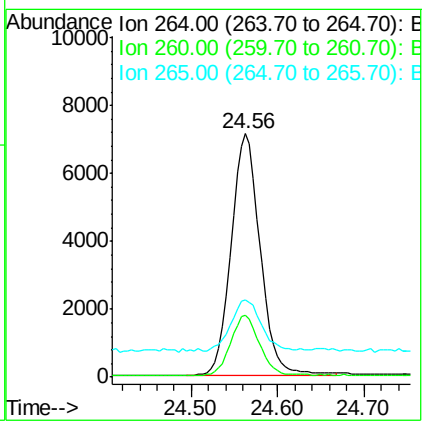


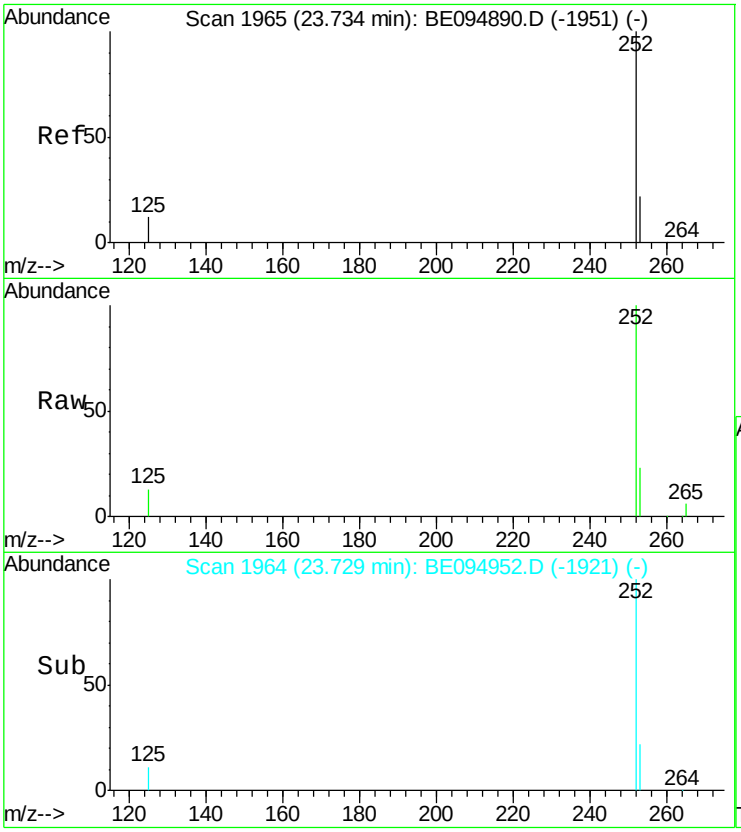


#34
Perylene-d12
Concen: 0.400 ng
RT: 24.56 min Scan# 2147
Delta R.T. -0.00 min
Lab File: BE094952.D
Acq: 8 Dec 2017 17:12

Tgt Ion:264 Resp: 16607

Ion	Ratio	Lower	Upper
264	100		
260	25.6	20.5	30.7
265	31.7	22.8	34.2



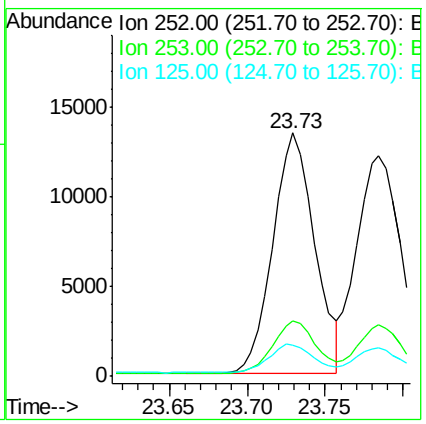


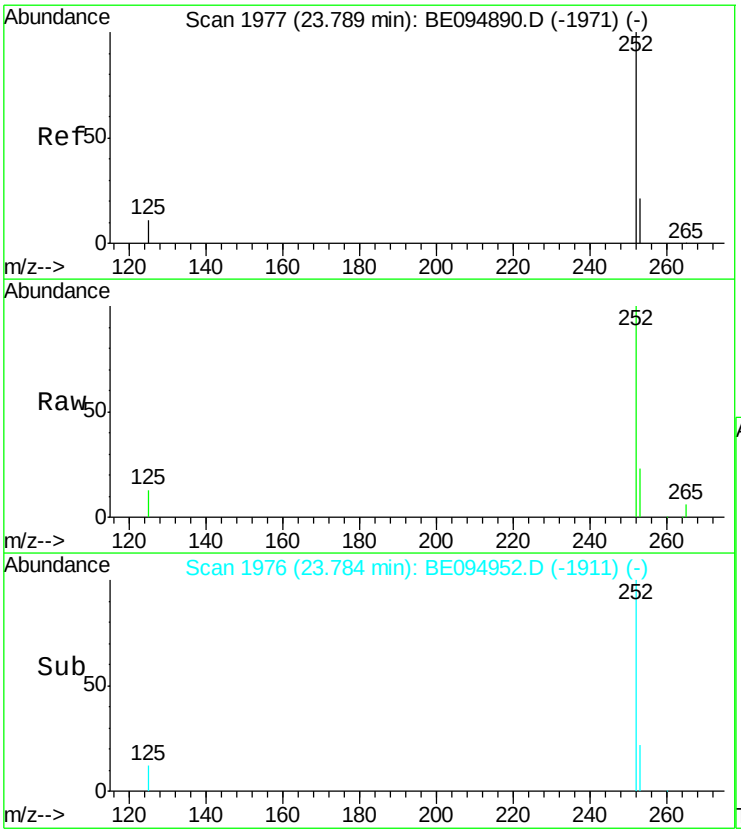
#35
Benzo(b)fluoranthene
Concen: 0.415 ng
RT: 23.73 min Scan# 1964
Delta R.T. -0.00 min
Lab File: BE094952.D
Acq: 8 Dec 2017 17:12

Instrument :
BNA_E
ClientSampleId :
PB104842BSD

Tgt Ion:252 Resp: 25145

Ion	Ratio	Lower	Upper
252	100		
253	22.8	48.0	72.0#
125	12.6	56.0	84.0#

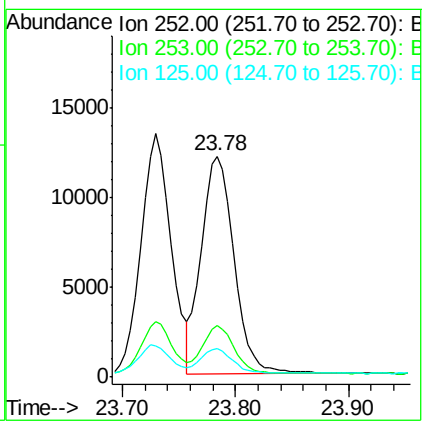


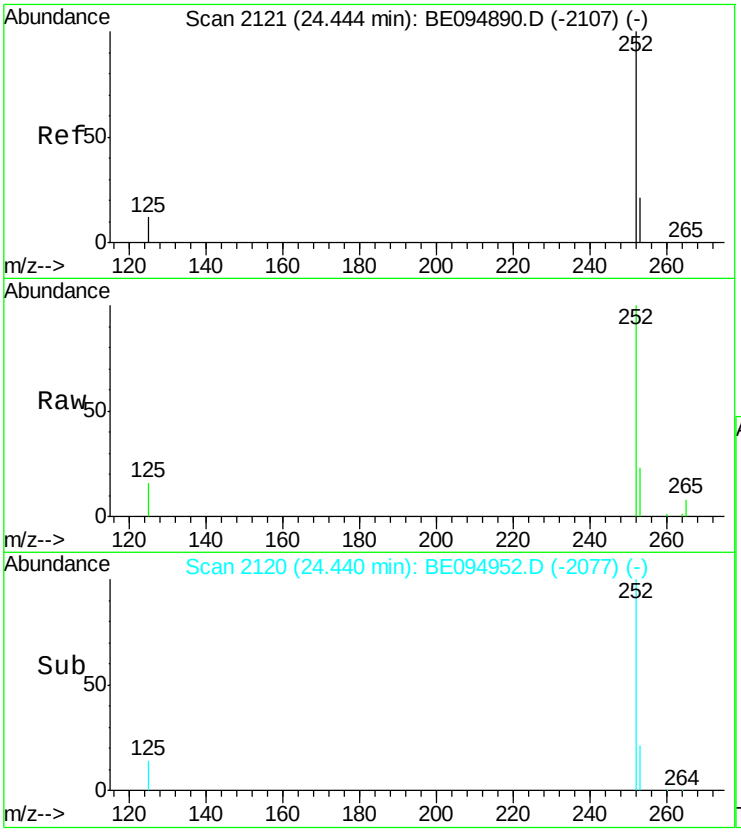


#36
Benzo(k)fluoranthene
Concen: 0.396 ng
RT: 23.78 min Scan# 1976
Delta R.T. -0.00 min
Lab File: BE094952.D
Acq: 8 Dec 2017 17:12

Tgt Ion:252 Resp: 24500

Ion	Ratio	Lower	Upper
252	100		
253	23.2	48.0	72.0#
125	13.1	56.0	84.0#



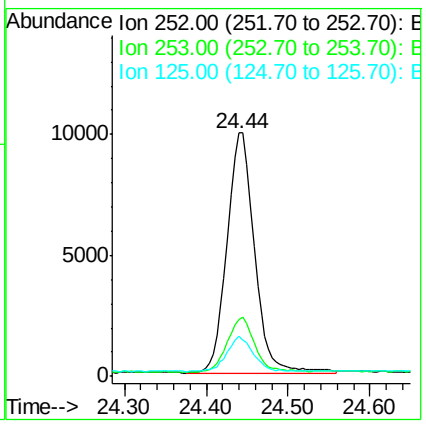


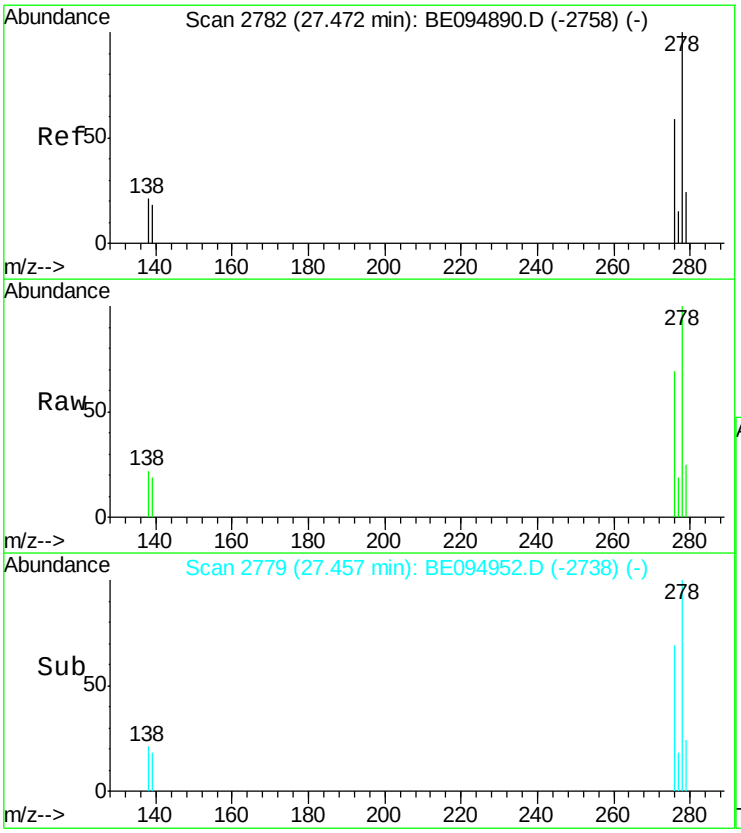
#37
Benzo(a)pyrene
Concen: 0.431 ng
RT: 24.44 min Scan# 2120
Delta R.T. -0.00 min
Lab File: BE094952.D
Acq: 8 Dec 2017 17:12

Instrument :
BNA_E
ClientSampleId :
PB104842BSD

Tgt Ion:252 Resp: 22927

Ion	Ratio	Lower	Upper
252	100		
253	23.4	52.0	78.0#
125	16.2	68.0	102.0#

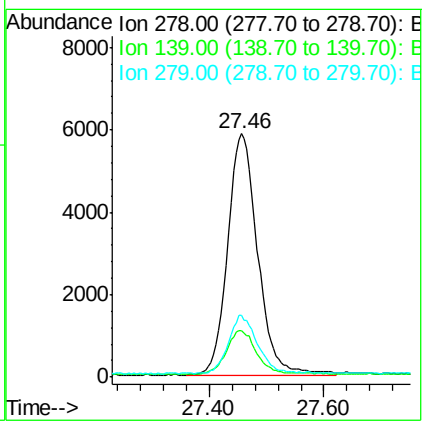


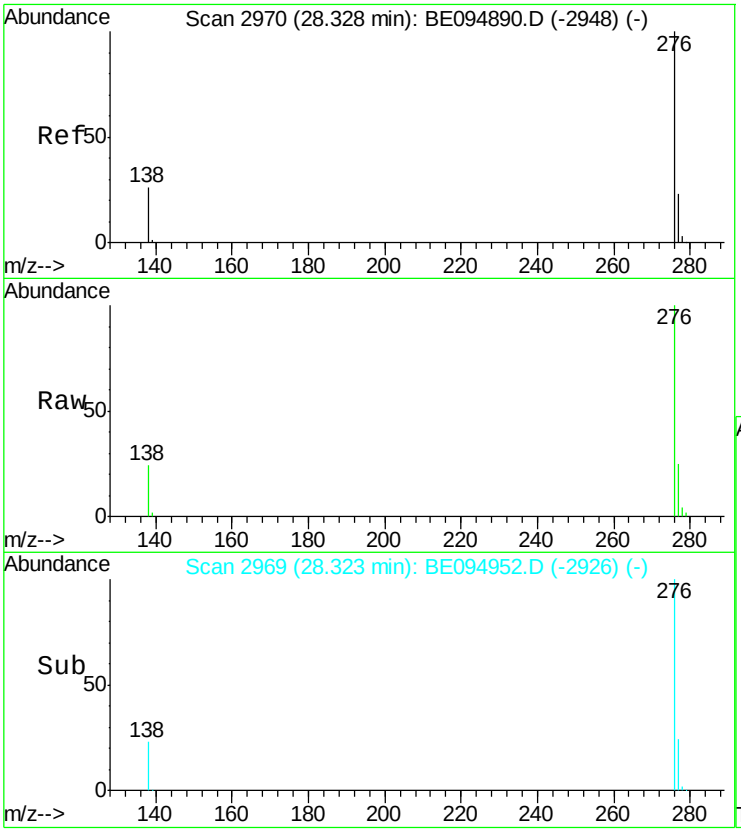


#38
Dibenzo(a,h)anthracene
Concen: 0.435 ng
RT: 27.46 min Scan# 2779
Delta R.T. -0.01 min
Lab File: BE094952.D
Acq: 8 Dec 2017 17:12

Tgt Ion:278 Resp: 21347

Ion	Ratio	Lower	Upper
278	100		
139	19.0	56.0	84.0#
279	25.3	52.0	78.0#





#39
Benzo(g,h,i)perylene
Concen: 0.452 ng
RT: 28.32 min Scan# 2969
Delta R.T. -0.01 min
Lab File: BE094952.D
Acq: 8 Dec 2017 17:12

Instrument :
BNA_E
ClientSampleId :
PB104842BSD

Tgt Ion:276 Resp: 22155

Ion	Ratio	Lower	Upper
276	100		
277	25.3	52.0	78.0#
138	24.5	44.0	66.0#