Quantitation Report (Not Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA E\DATA\BE121117\
Data File : BE094971.D
Acq On : 11 Dec 2017 12:30
Operator : SJ/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId :

Quant Time: Dec 11 15:38:17 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	8.48	152	7677	0.40	ng		0.00
7) Naphthalene-d8	11.33	136	16502	0.40	ng		0.00
13) Acenaphthene-d10	15.08	164	9316	0.40	ng		0.00
19) Phenanthrene-d10	17.79	188	22709	0.40	ng		0.01
27) Chrysene-d12	21.88	240	25141	0.40	ng		0.00
34) Perylene-d12	24.57	264	19492	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.95	112	4430	0.36	ng		0.00
5) Phenol-d6	7.60	99	6550	0.36	ng		0.01
8) Nitrobenzene-d5	9.67	82	4780	0.49	ng		0.00
11) 2-Methylnaphthalene-d10	12.87	152	10405	0.40	ng		0.00
14) 2,4,6-Tribromophenol	16.55	330	804	0.42	ng		0.02
15) 2-Fluorobiphenyl	13.71	172	16060	0.40	ng		0.00
25) Fluoranthene-d10	19.76	212	115547	0.37	ng		0.00
29) Terphenyl-d14	20.33	244	18801	0.40	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.67	88	2961	0.369	ng	#	90
3) n-Nitrosodimethylamine	4.01	42	3793	0.371	ng	#	79
6) bis(2-Chloroethyl)ether	7.87	93	6538	0.366	ng		98
9) Naphthalene	11.38	128	76162	0.394	ng		99
10) Hexachlorobutadiene	11.64	225	3368	0.413	ng		96
12) 2-Methylnaphthalene	12.94	142	18832	0.392	ng		97
16) Acenaphthylene	14.79	152	19523	0.371	ng		100
17) Acenaphthene	15.13	154	12930	0.380	ng		94
18) Fluorene	16.10	166	16670	0.385	ng	#	78
20) 4-Bromophenyl-phenylether	16.98	248	5044	0.398	ng	#	62
21) Hexachlorobenzene	17.10	284	5096	0.412	ng	#	81
22) Pentachlorophenol	17.43	266	982	0.373	ng	#	71
23) Phenanthrene	17.82	178	28364	0.392	ng		98
24) Anthracene	17.91	178	28480	0.371	ng	#	95
26) Fluoranthene	19.79	202	34337	0.369	ng		100
28) Pyrene	20.14	202	34178	0.394	ng		99
30) Benzo(a)anthracene	21.87	228	30188	0.392	ng	#	61
31) Chrysene	21.92	228	31255	0.367	ng	#	64
32) Bis(2-ethylhexyl)phthalate	21.74	149	32341	0.253	ng		100
33) Indeno(1,2,3-cd)pyrene	27.43	276	26009	0.373	ng		100
35) Benzo(b)fluoranthene	23.73	252	27463	0.386	ng	#	39
36) Benzo(k)fluoranthene	23.79	252	26678	0.368	ng	#	40
37) Benzo(a)pyrene	24.44	252	23812	0.382	ng	#	34
38) Dibenzo(a,h)anthracene	27.46	278	21795	0.378	ng	#	43
39) Benzo(g,h,i)perylene	28.32	276	21933	0.381	ng	#	52

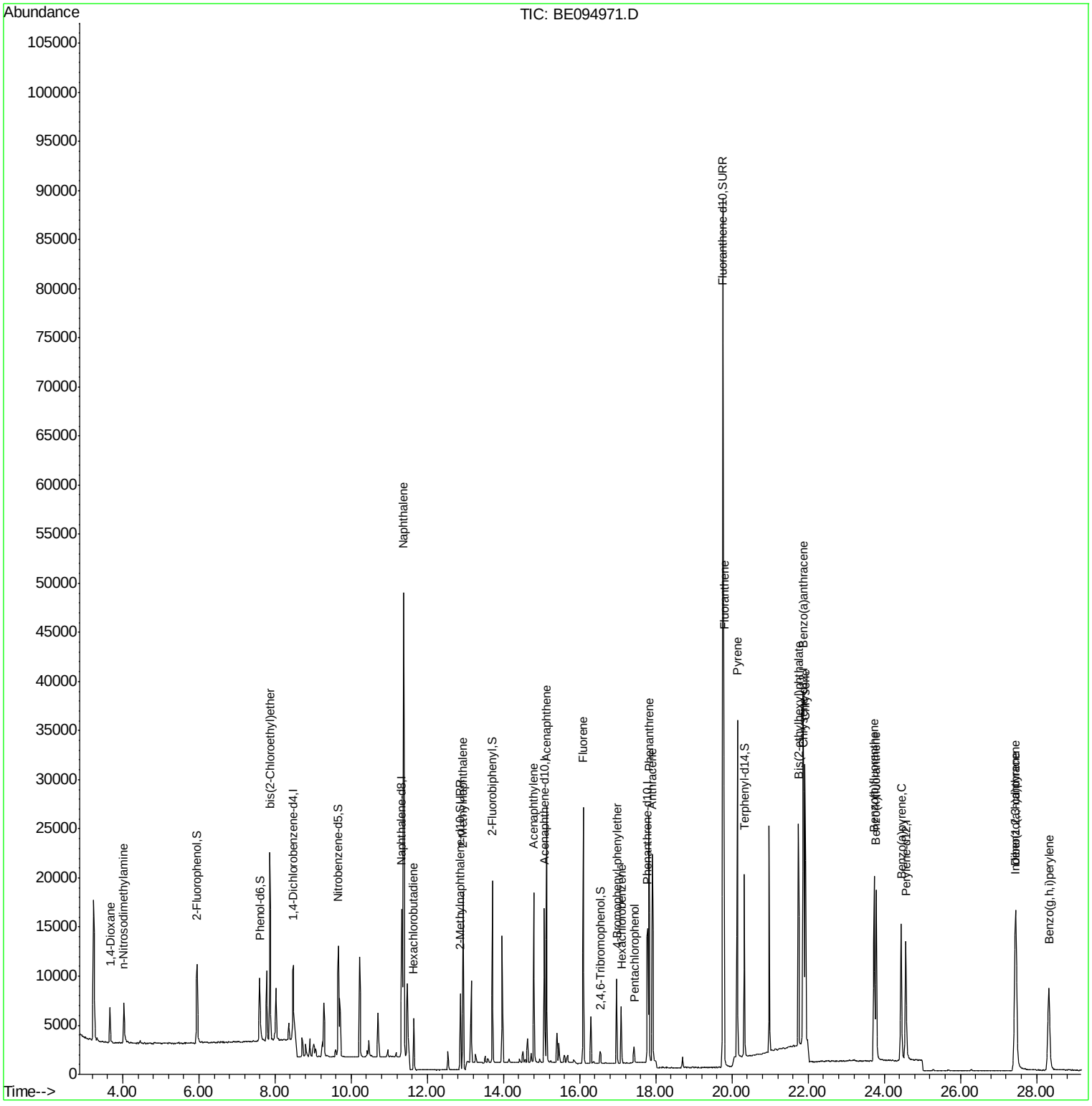
(#) = qualifier out of range (m) = manual integration (+) = signals summed

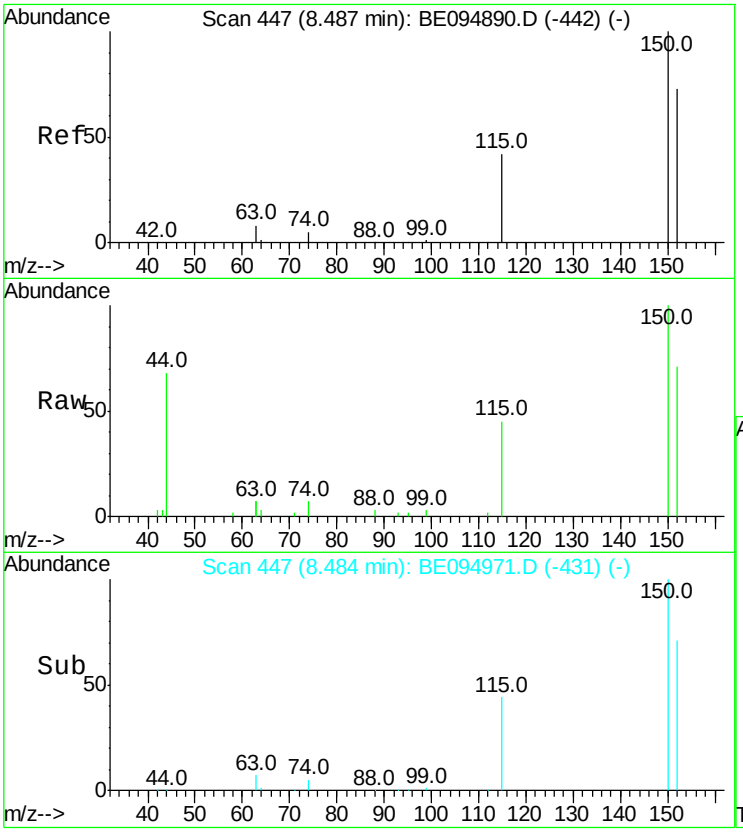
Quantitation Report (Not Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA E\DATA\BE121117\
Data File : BE094971.D
Acq On : 11 Dec 2017 12:30
Operator : SJ/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :

Quant Time: Dec 11 15:38:17 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



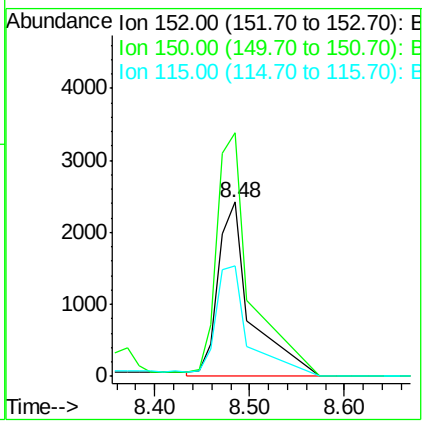


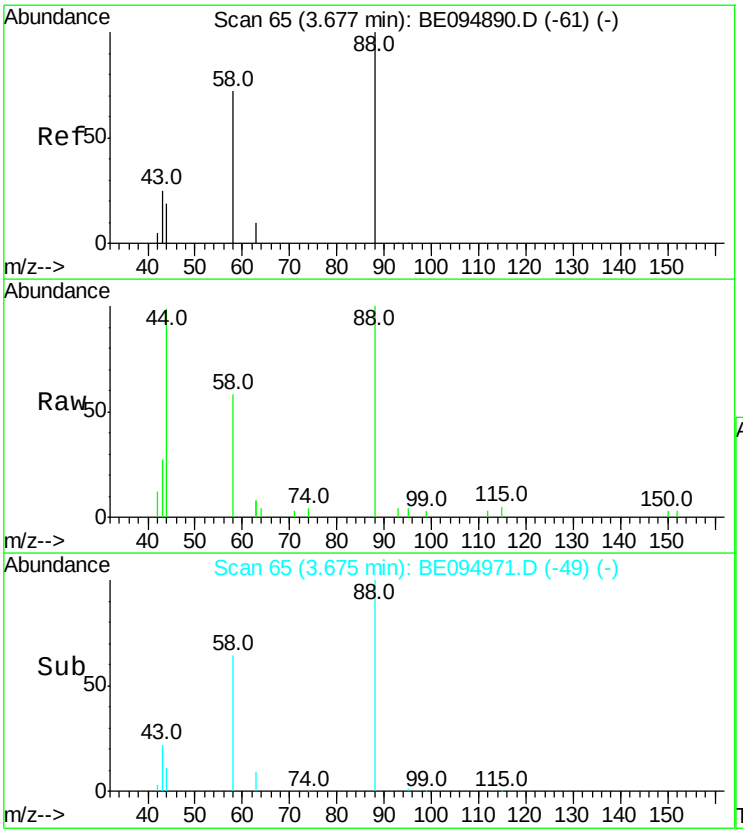
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.48 min Scan# 447
Delta R.T. -0.00 min
Lab File: BE094971.D
Acq: 11 Dec 2017 12:30

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 7677

Ion	Ratio	Lower	Upper
152	100		
150	140.0	117.2	175.8
115	63.6	57.0	85.6

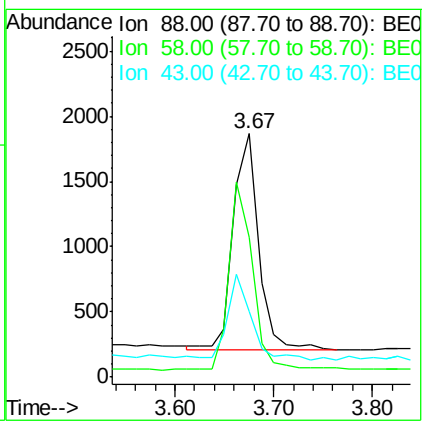


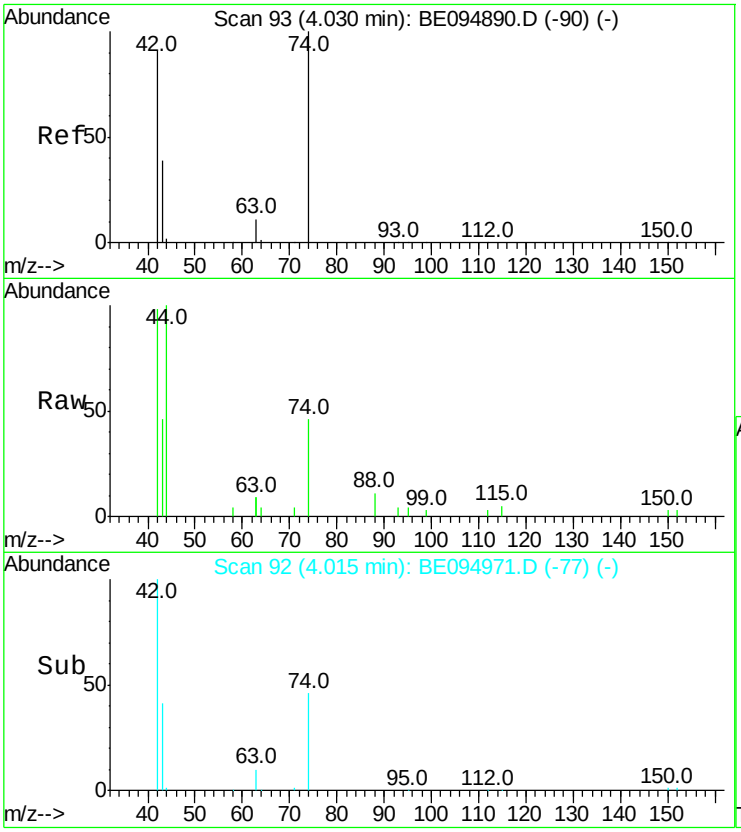


#2
1,4-Dioxane
Concen: 0.369 ng
RT: 3.67 min Scan# 65
Delta R.T. -0.00 min
Lab File: BE094971.D
Acq: 11 Dec 2017 12:30

Tgt Ion: 88 Resp: 2961

Ion	Ratio	Lower	Upper
88	100		
58	81.4	63.2	94.8
43	35.9	41.2	61.8#



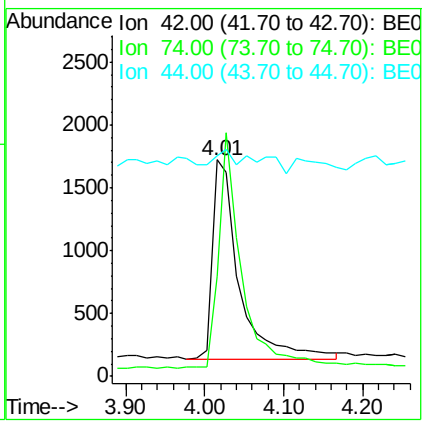


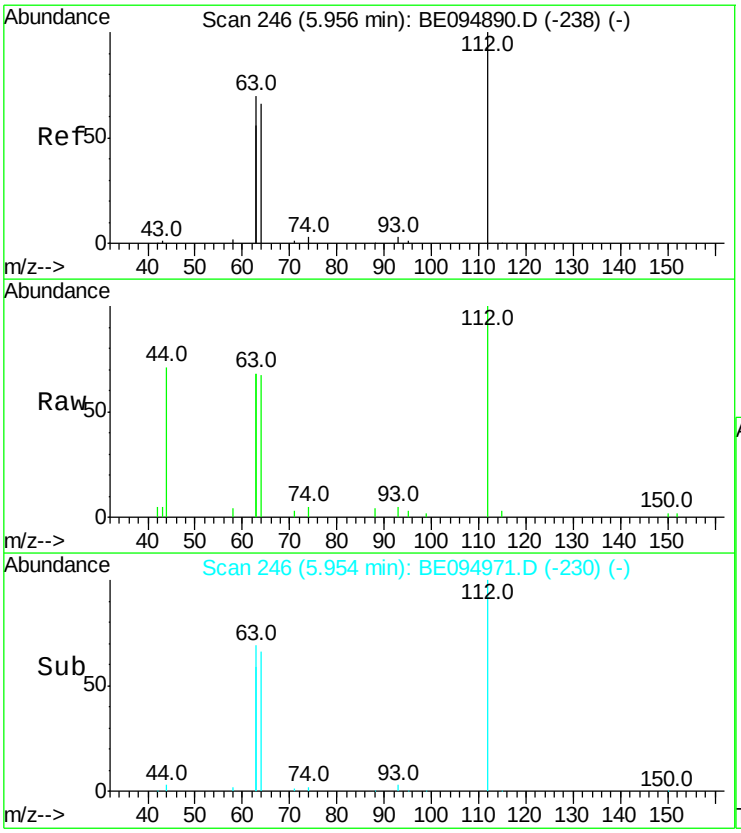
#3
n-Nitrosodimethylamine
Concen: 0.371 ng
RT: 4.01 min Scan# 92
Delta R.T. -0.02 min
Lab File: BE094971.D
Acq: 11 Dec 2017 12:30

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 42 Resp: 3793

Ion	Ratio	Lower	Upper
42	100		
74	102.7	100.3	150.5
44	8.3	17.0	25.4#

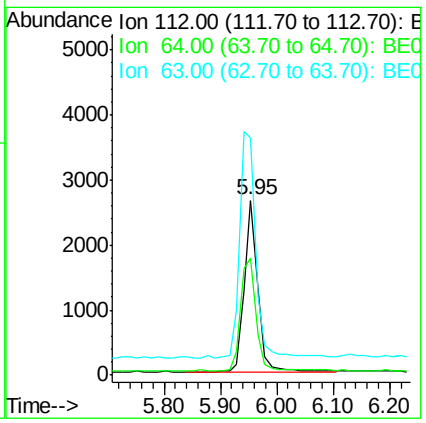


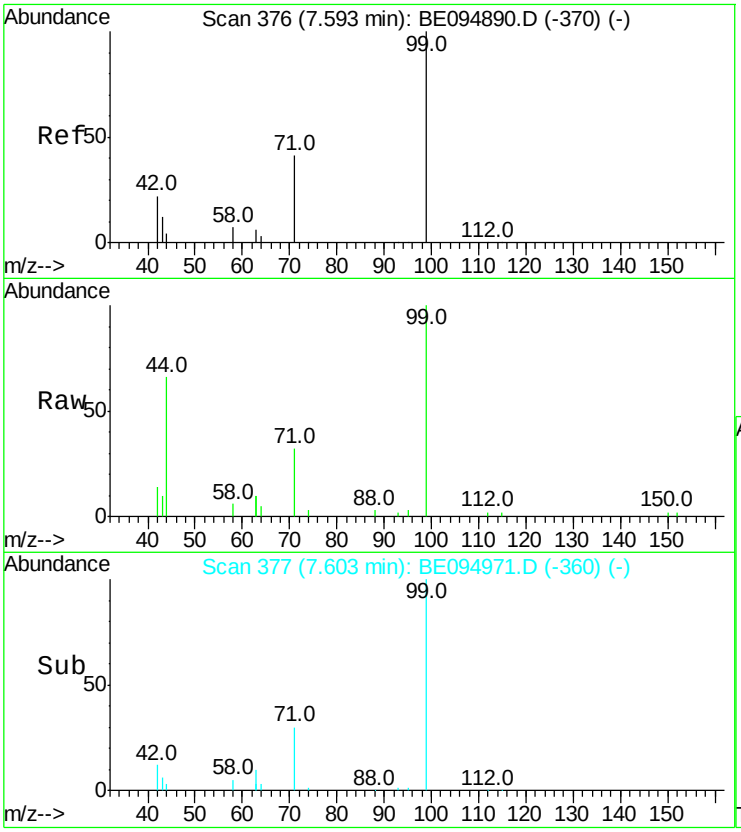


#4
2-Fluorophenol
Concen: 0.365 ng
RT: 5.95 min Scan# 246
Delta R.T. -0.00 min
Lab File: BE094971.D
Acq: 11 Dec 2017 12:30

Tgt Ion:112 Resp: 4430

Ion	Ratio	Lower	Upper
112	100		
64	75.4	60.1	90.1
63	159.3	116.8	175.2



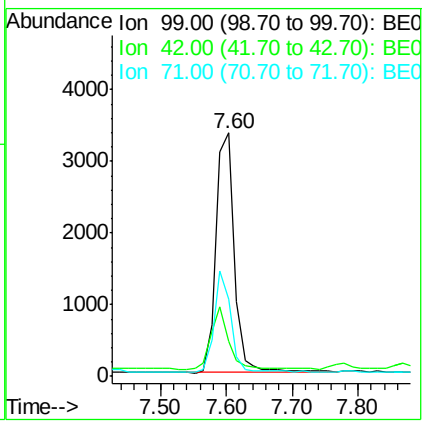


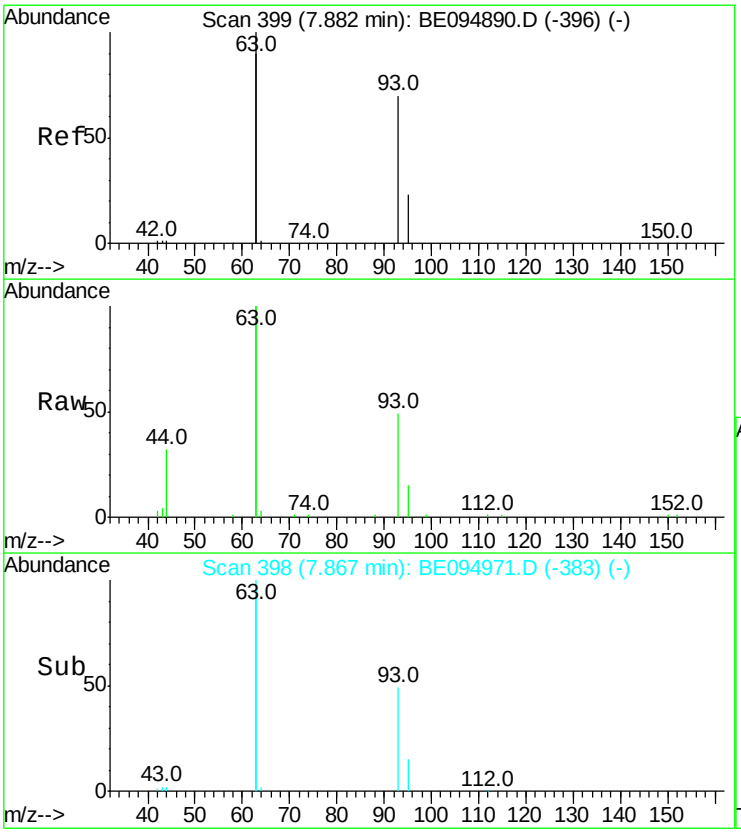
#5
Phenol-d6
Concen: 0.364 ng
RT: 7.60 min Scan# 377
Delta R.T. 0.01 min
Lab File: BE094971.D
Acq: 11 Dec 2017 12:30

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 99 Resp: 6550

Ion	Ratio	Lower	Upper
99	100		
42	25.1	20.2	30.2
71	39.4	28.4	42.6

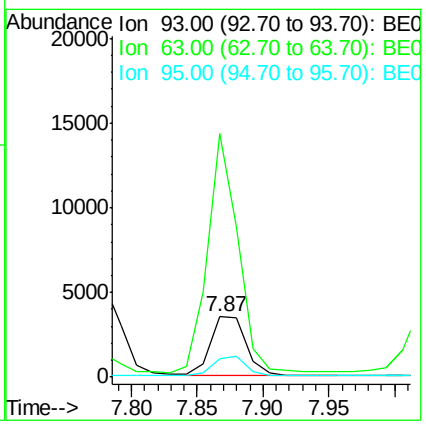


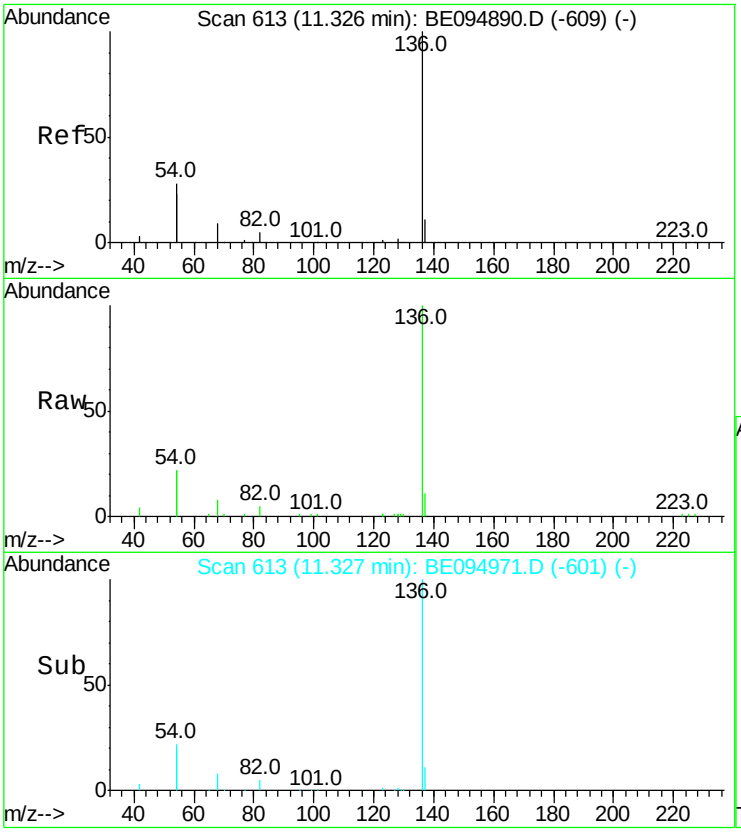


#6
bis(2-Chloroethyl)ether
Concen: 0.366 ng
RT: 7.87 min Scan# 398
Delta R.T. -0.02 min
Lab File: BE094971.D
Acq: 11 Dec 2017 12:30

Tgt Ion: 93 Resp: 6538

Ion	Ratio	Lower	Upper
93	100		
63	340.4	275.3	412.9
95	31.6	25.2	37.8



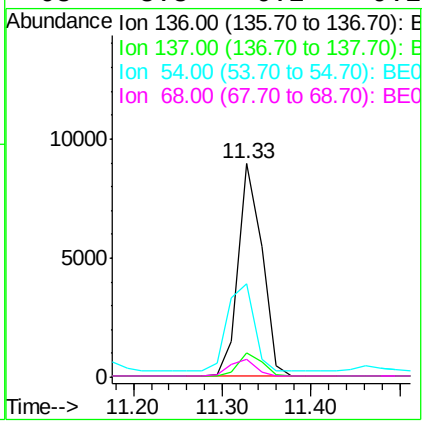


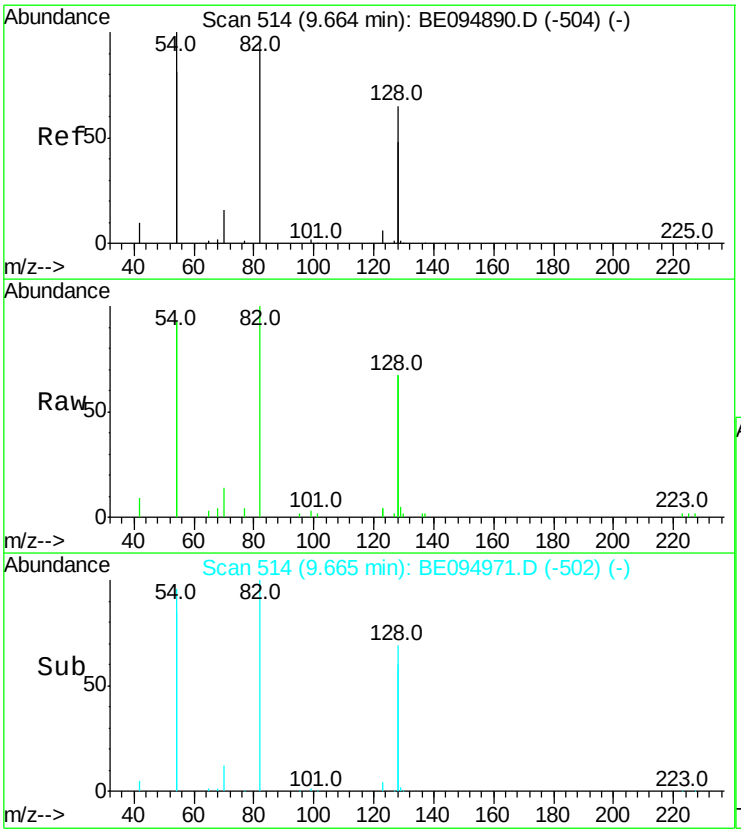
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 11.33 min Scan# 613
Delta R.T. 0.00 min
Lab File: BE094971.D
Acq: 11 Dec 2017 12:30

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:136 Resp: 16502

Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.5	14.3
54	43.9	29.1	43.7#
68	8.3	6.2	9.2

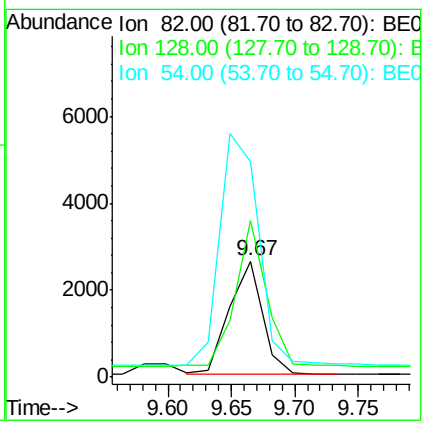


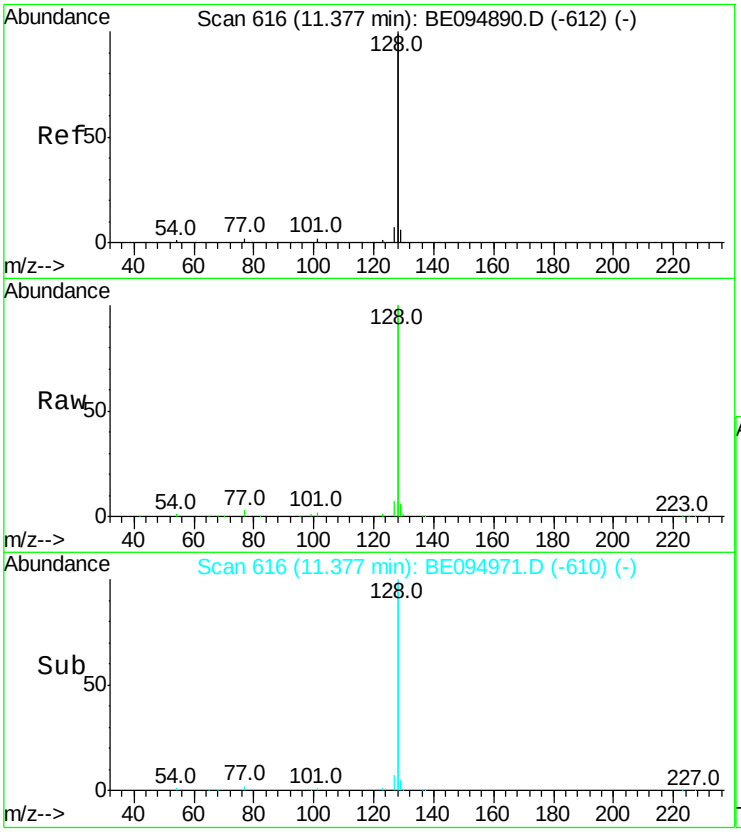


#8
Nitrobenzene-d5
Concen: 0.489 ng
RT: 9.67 min Scan# 514
Delta R.T. 0.00 min
Lab File: BE094971.D
Acq: 11 Dec 2017 12:30

Tgt Ion: 82 Resp: 4780

Ion	Ratio	Lower	Upper
82	100		
128	135.0	150.0	225.0#
54	186.6	154.2	231.4



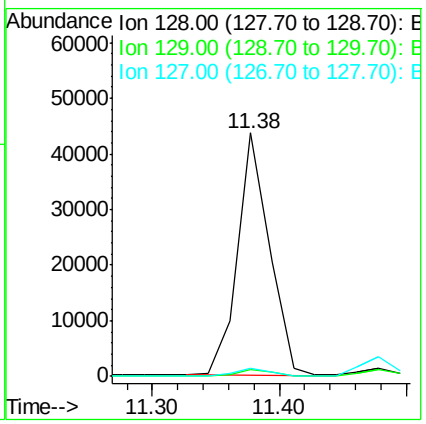


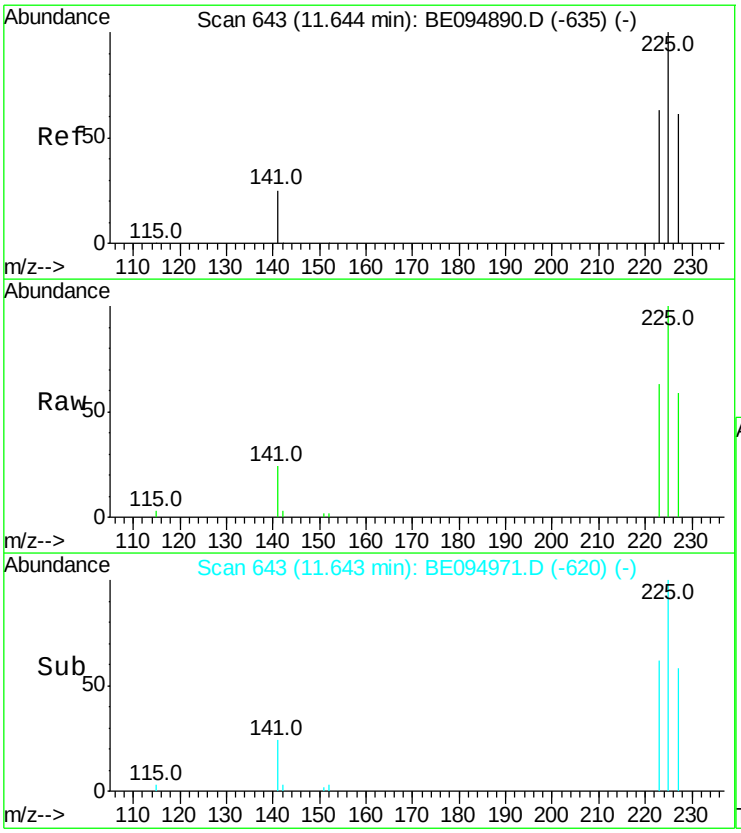
#9
Naphthalene
Concen: 0.394 ng
RT: 11.38 min Scan# 616
Delta R.T. 0.00 min
Lab File: BE094971.D
Acq: 11 Dec 2017 12:30

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:128 Resp: 76162

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

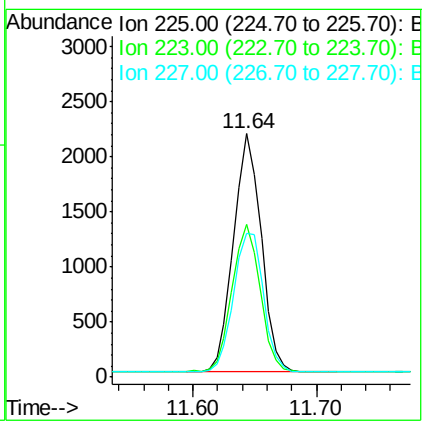


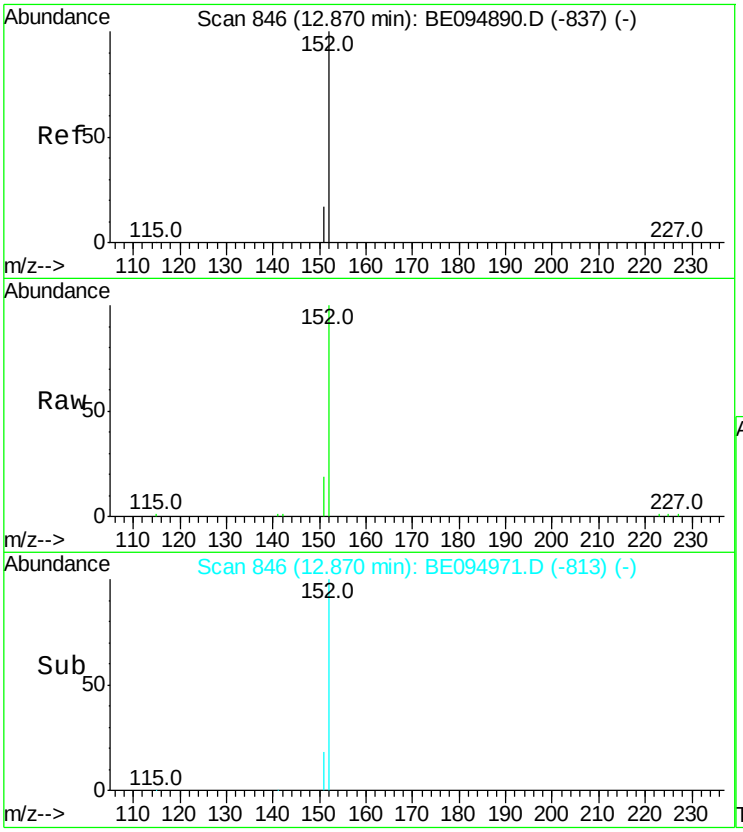


#10
Hexachlorobutadiene
Concen: 0.413 ng
RT: 11.64 min Scan# 643
Delta R.T. -0.00 min
Lab File: BE094971.D
Acq: 11 Dec 2017 12:30

Tgt Ion:225 Resp: 3368

Ion	Ratio	Lower	Upper
225	100		
223	61.9	53.0	79.6
227	63.1	51.4	77.2



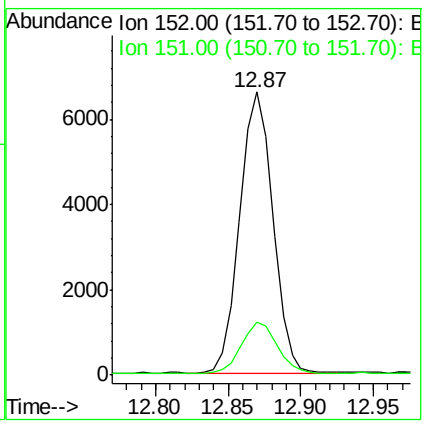


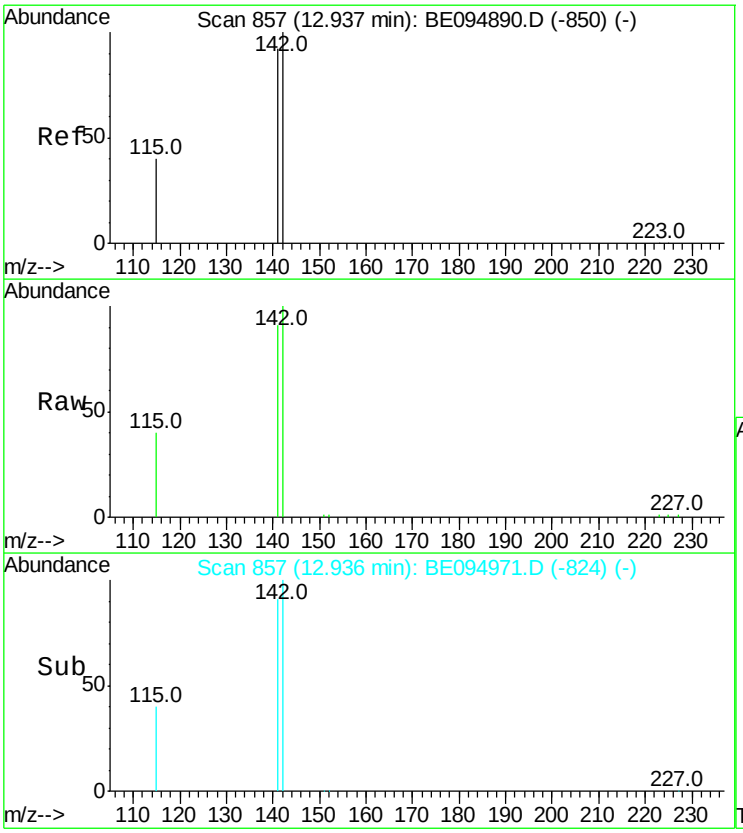
#11
2-Methylnaphthalene-d10
Concen: 0.395 ng
RT: 12.87 min Scan# 846
Delta R.T. -0.00 min
Lab File: BE094971.D
Acq: 11 Dec 2017 12:30

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 10405

Ion	Ratio	Lower	Upper
152	100		
151	19.1	15.4	23.0

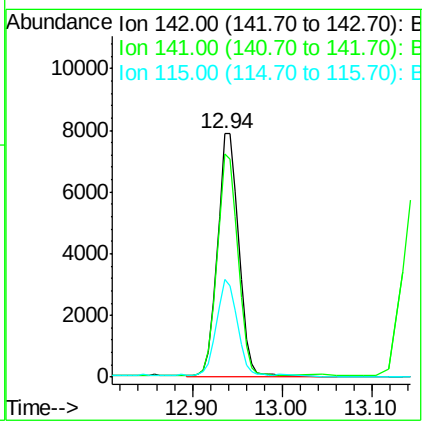


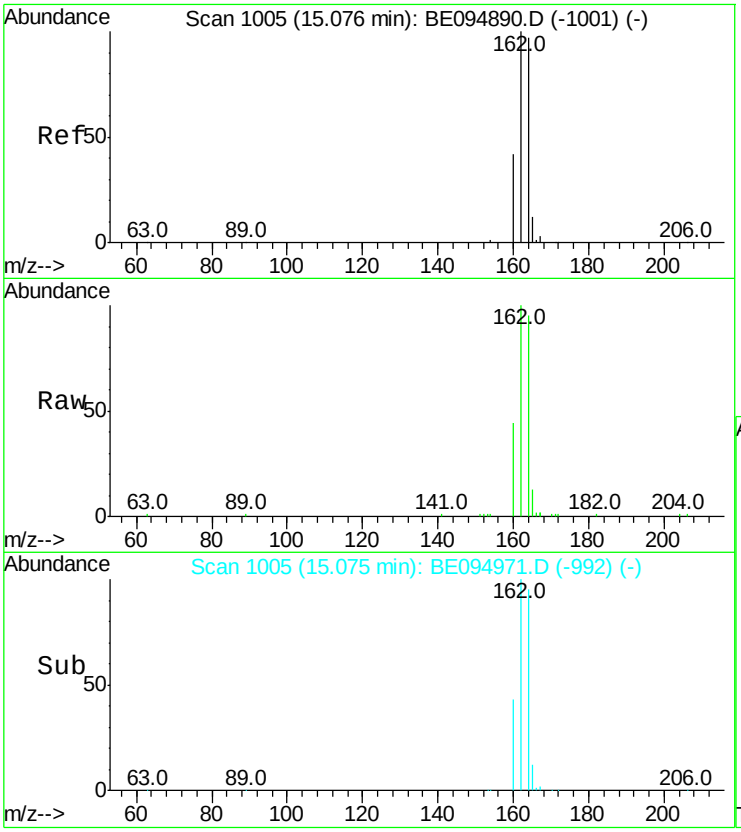


#12
2-Methylnaphthalene
Concen: 0.392 ng
RT: 12.94 min Scan# 857
Delta R.T. -0.00 min
Lab File: BE094971.D
Acq: 11 Dec 2017 12:30

Tgt Ion:142 Resp: 18832

Ion	Ratio	Lower	Upper
142	100		
141	91.5	70.4	105.6
115	40.3	31.7	47.5



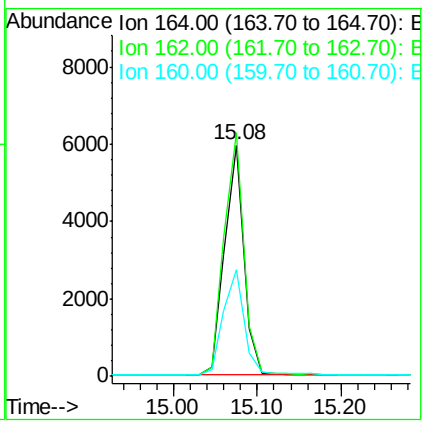


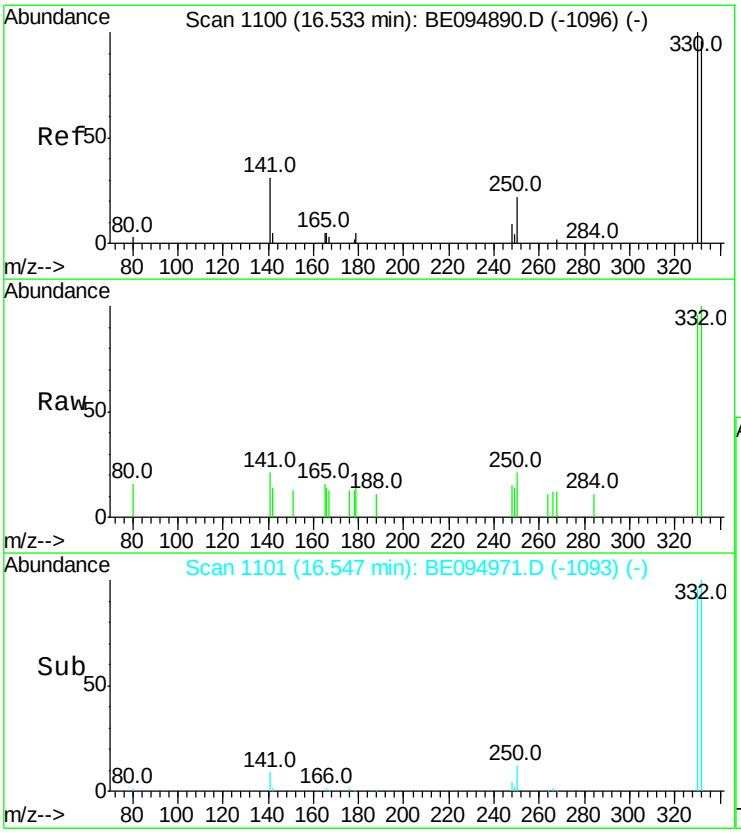
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 15.08 min Scan# 1005
Delta R.T. -0.00 min
Lab File: BE094971.D
Acq: 11 Dec 2017 12:30

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:164 Resp: 9316

Ion	Ratio	Lower	Upper
164	100		
162	105.2	83.1	124.7
160	46.0	37.1	55.7

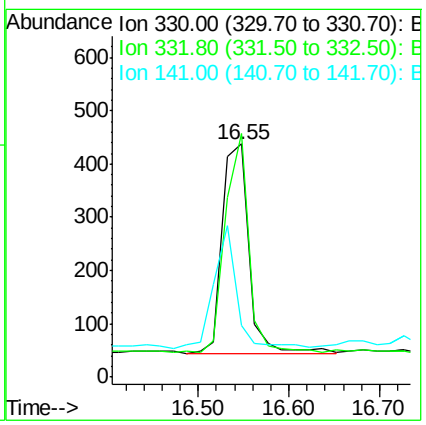


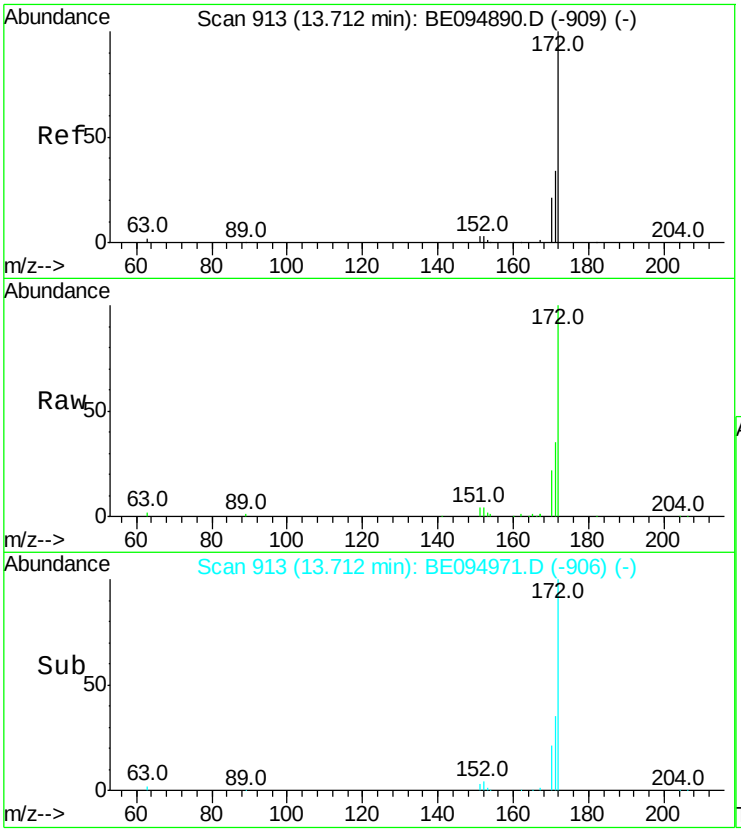


#14
2,4,6-Tribromophenol
Concen: 0.424 ng
RT: 16.55 min Scan# 1101
Delta R.T. 0.02 min
Lab File: BE094971.D
Acq: 11 Dec 2017 12:30

Tgt Ion:330 Resp: 804

Ion	Ratio	Lower	Upper
330	100		
332	90.2	152.7	229.1#
141	49.5	33.7	50.5



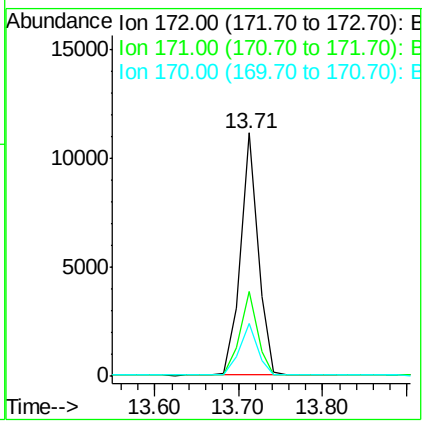


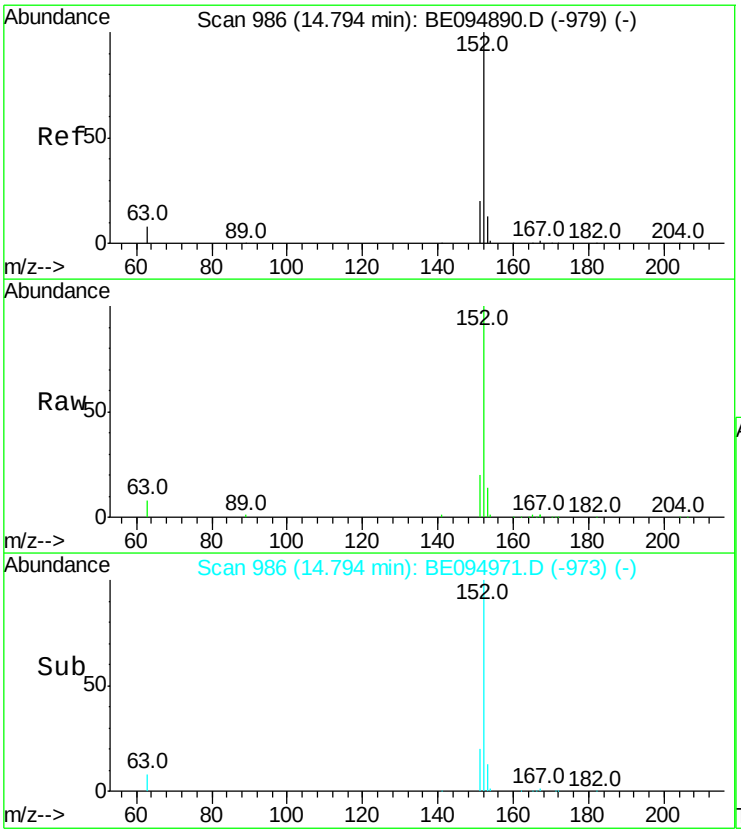
#15
2-Fluorobiphenyl
Concen: 0.403 ng
RT: 13.71 min Scan# 913
Delta R.T. -0.00 min
Lab File: BE094971.D
Acq: 11 Dec 2017 12:30

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:172 Resp: 16060

Ion	Ratio	Lower	Upper
172	100		
171	34.9	29.9	44.9
170	21.9	21.8	32.8

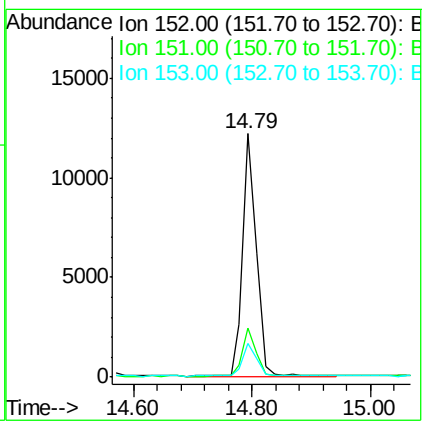


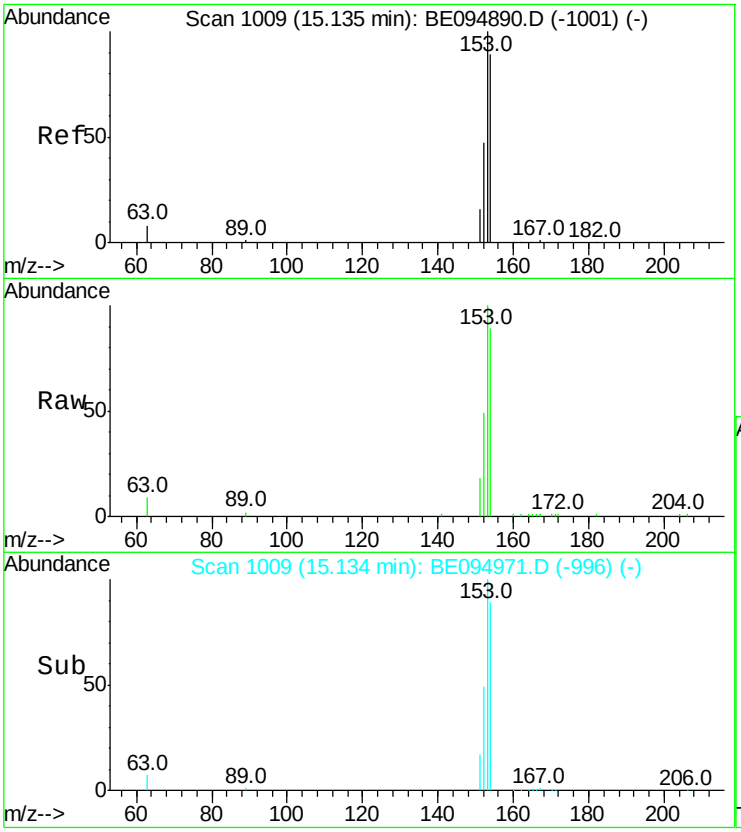


#16
Acenaphthylene
Concen: 0.371 ng
RT: 14.79 min Scan# 986
Delta R.T. -0.00 min
Lab File: BE094971.D
Acq: 11 Dec 2017 12:30

Tgt Ion:152 Resp: 19523

Ion	Ratio	Lower	Upper
152	100		
151	19.5	15.7	23.5
153	13.4	10.5	15.7



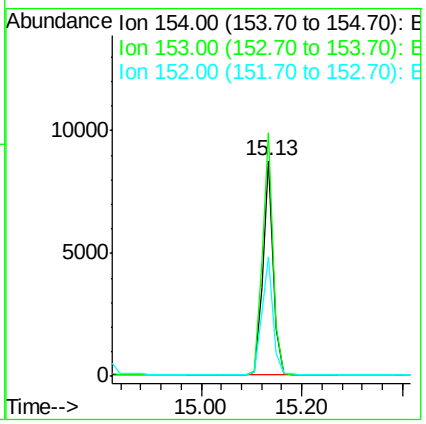


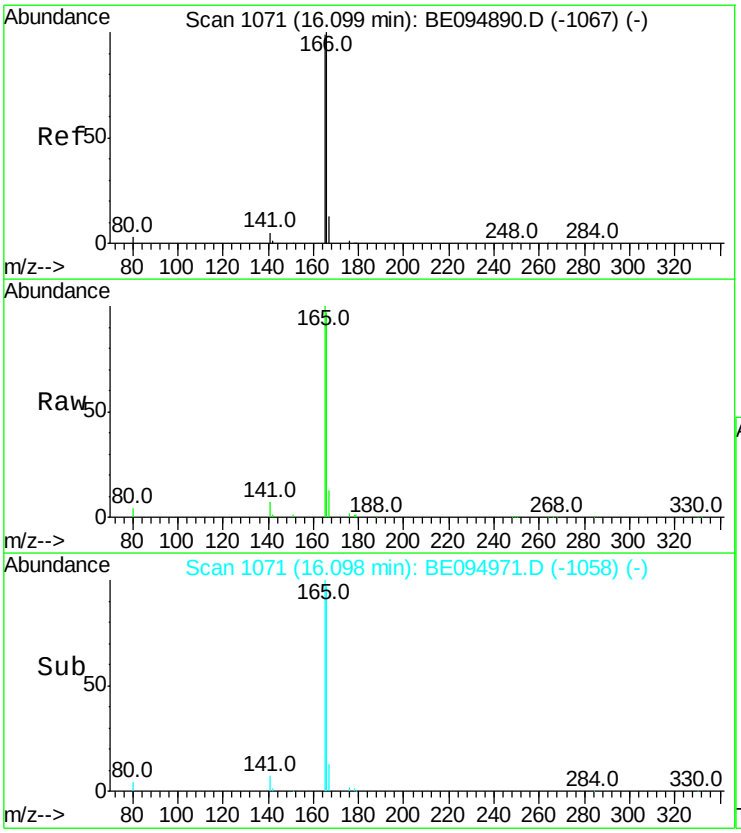
#17
Acenaphthene
Concen: 0.380 ng
RT: 15.13 min Scan# 1009
Delta R.T. -0.00 min
Lab File: BE094971.D
Acq: 11 Dec 2017 12:30

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:154 Resp: 12930

Ion	Ratio	Lower	Upper
154	100		
153	115.9	89.2	133.8
152	59.0	42.0	63.0

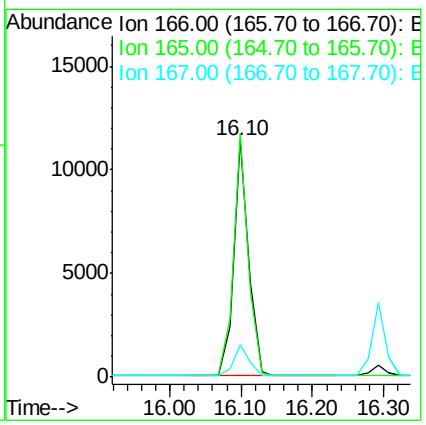


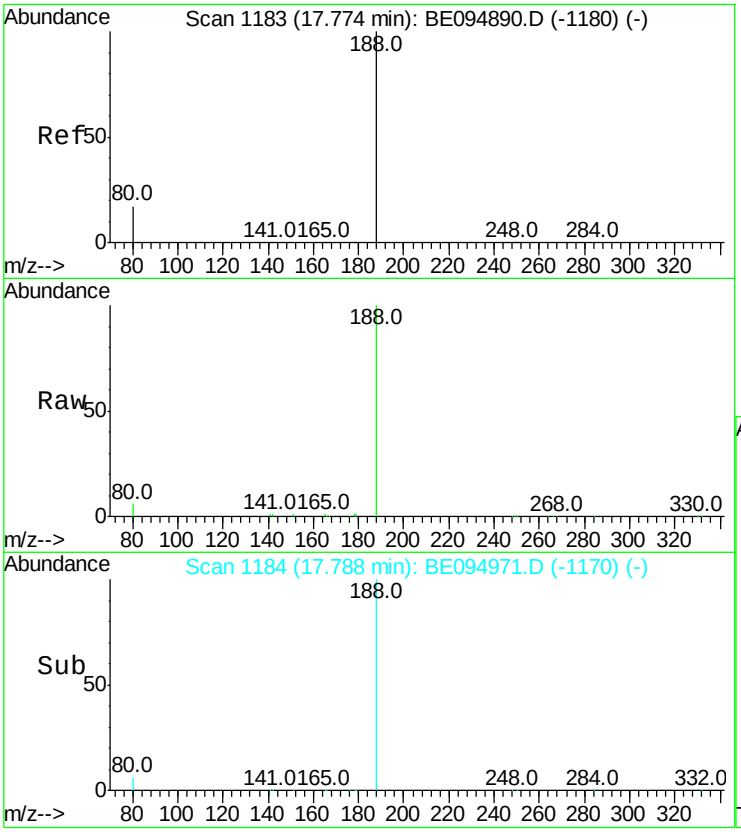


#18
Fluorene
Concen: 0.385 ng
RT: 16.10 min Scan# 1071
Delta R.T. -0.00 min
Lab File: BE094971.D
Acq: 11 Dec 2017 12:30

Tgt Ion:166 Resp: 16670

Ion	Ratio	Lower	Upper
166	100		
165	101.0	77.8	116.6
167	13.5	42.4	63.6#



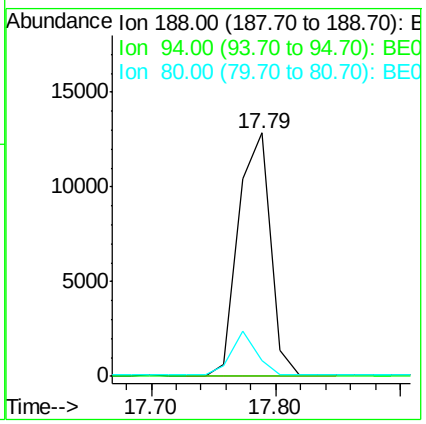


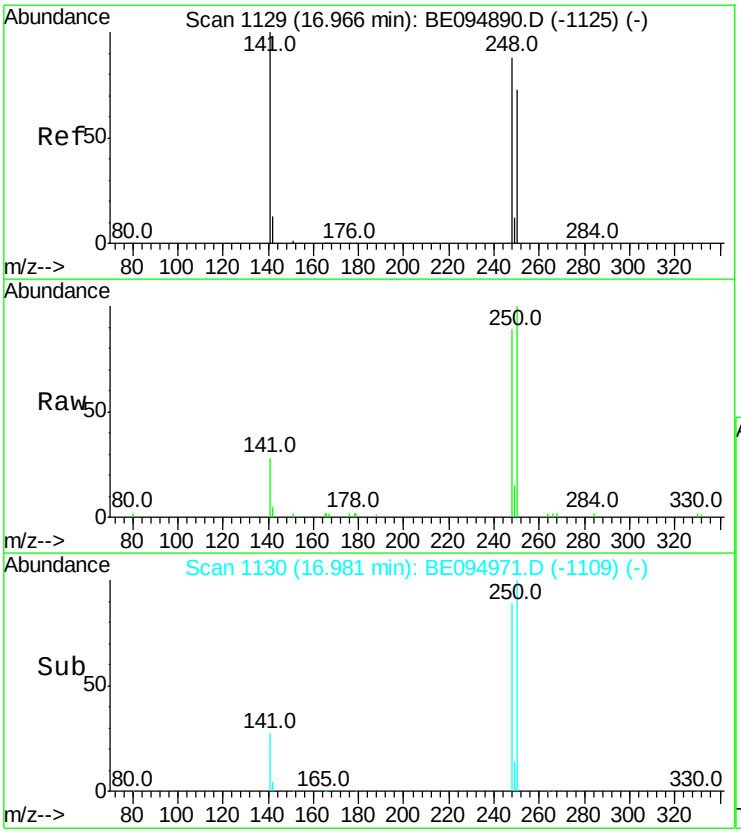
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.79 min Scan# 1184
Delta R.T. 0.01 min
Lab File: BE094971.D
Acq: 11 Dec 2017 12:30

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:188 Resp: 22709

Ion	Ratio	Lower	Upper
188	100		
94	0.0	3.9	5.9#
80	6.3	3.6	5.4#

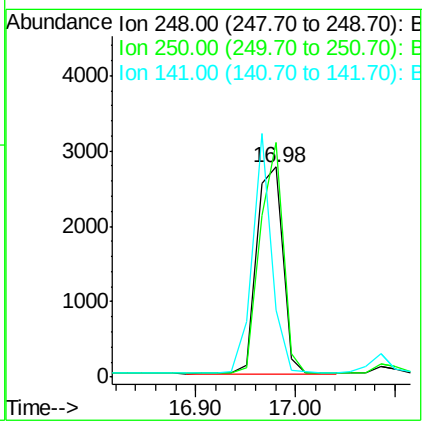


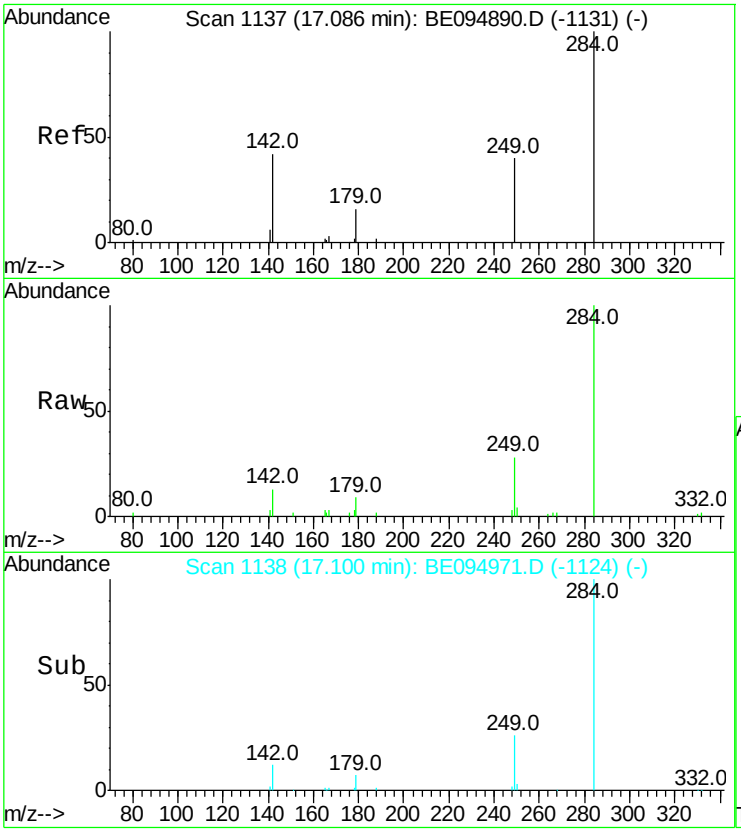


#20
4-Bromophenyl-phenylether
Concen: 0.398 ng
RT: 16.98 min Scan# 1130
Delta R.T. 0.01 min
Lab File: BE094971.D
Acq: 11 Dec 2017 12:30

Tgt Ion:248 Resp: 5044

Ion	Ratio	Lower	Upper
248	100		
250	111.9	62.7	94.1#
141	31.7	48.2	72.2#



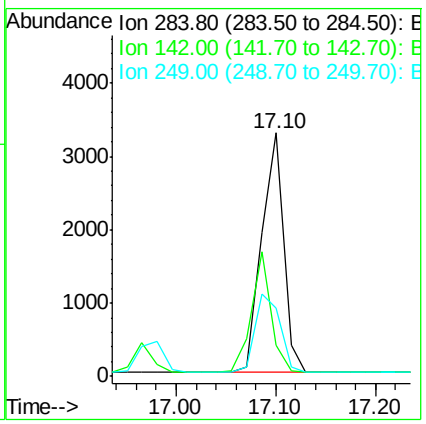


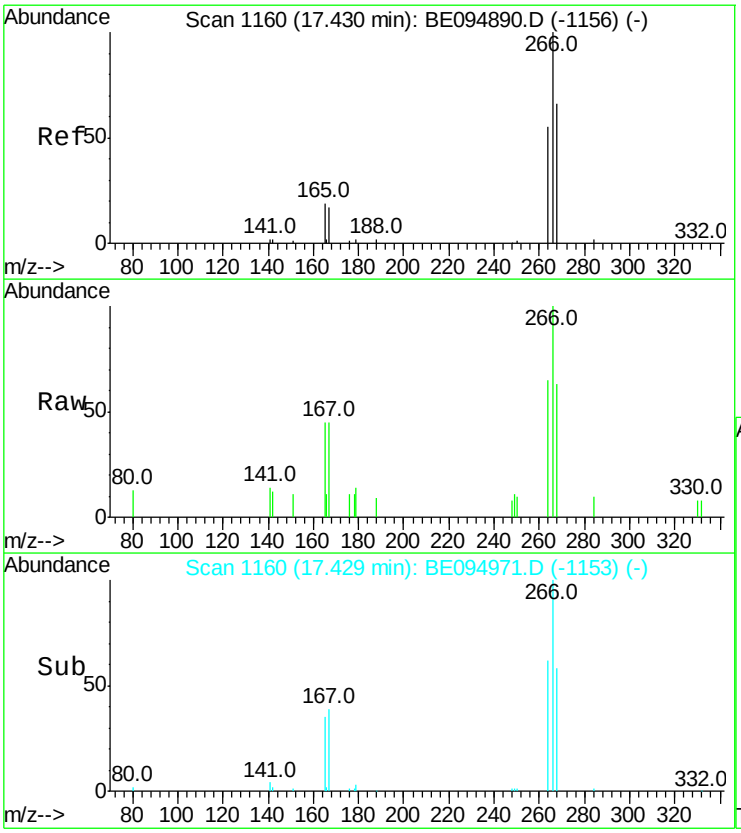
#21
Hexachlorobenzene
Concen: 0.412 ng
RT: 17.10 min Scan# 1138
Delta R.T. 0.01 min
Lab File: BE094971.D
Acq: 11 Dec 2017 12:30

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:284 Resp: 5096

Ion	Ratio	Lower	Upper
284	100		
142	45.2	22.1	33.1#
249	37.0	34.8	52.2

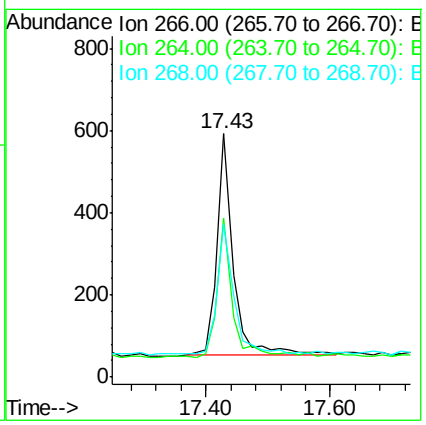


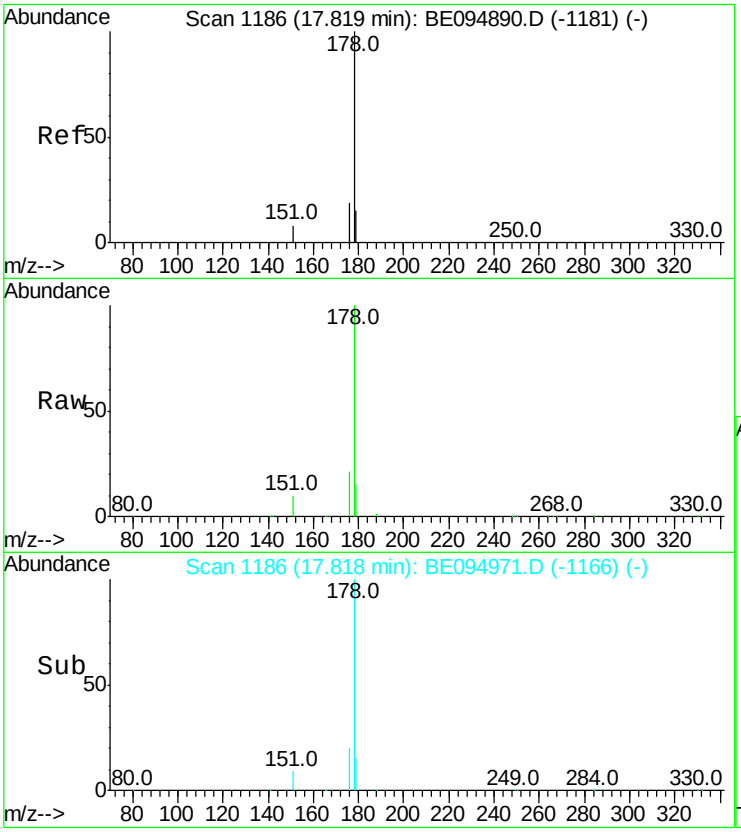


#22
Pentachlorophenol
Concen: 0.373 ng
RT: 17.43 min Scan# 1160
Delta R.T. 0.00 min
Lab File: BE094971.D
Acq: 11 Dec 2017 12:30

Tgt Ion:266 Resp: 982

Ion	Ratio	Lower	Upper
266	100		
264	65.1	72.5	108.7#
268	62.9	73.8	110.6#



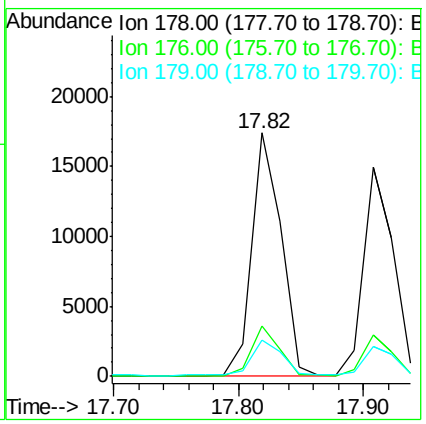


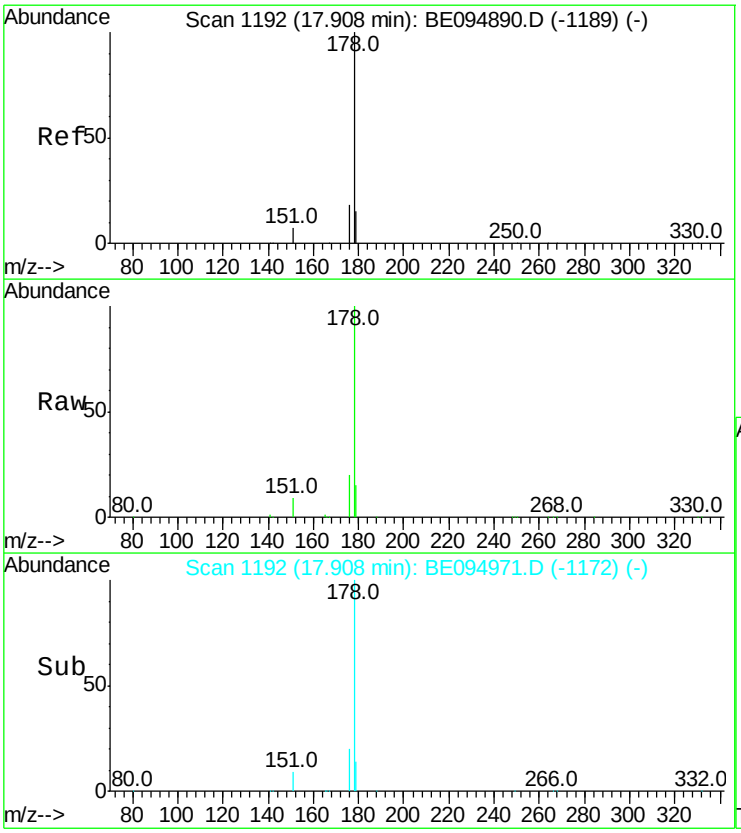
#23
Phenanthrene
Concen: 0.392 ng
RT: 17.82 min Scan# 1186
Delta R.T. -0.00 min
Lab File: BE094971.D
Acq: 11 Dec 2017 12:30

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:178 Resp: 28364

Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.1	22.7
179	15.7	11.8	17.6

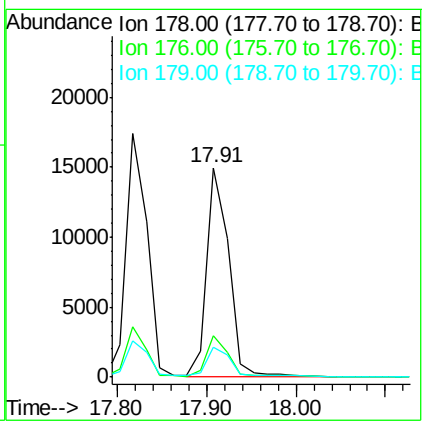


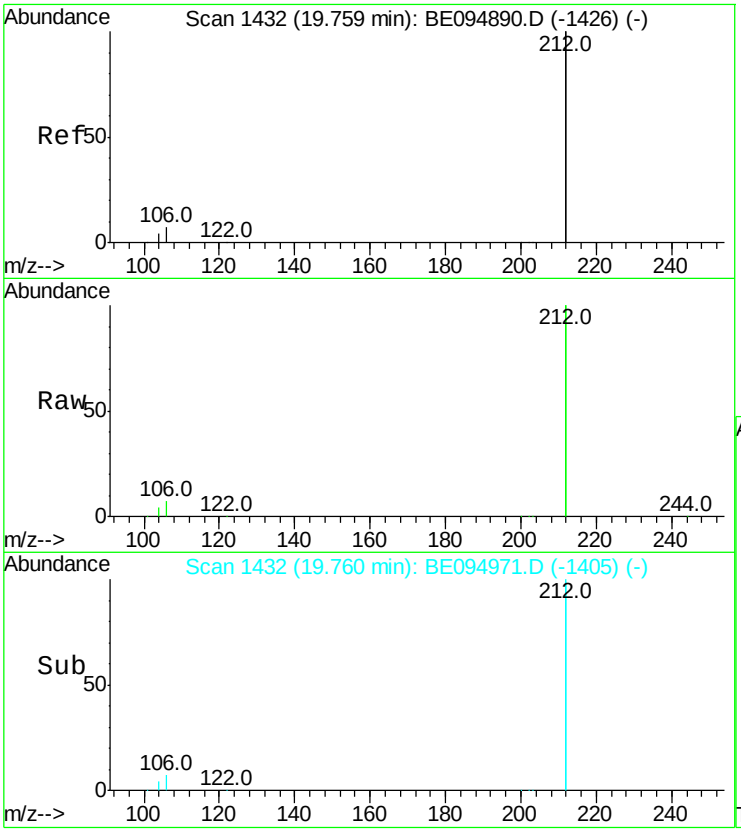


#24
Anthracene
Concen: 0.371 ng
RT: 17.91 min Scan# 1192
Delta R.T. -0.00 min
Lab File: BE094971.D
Acq: 11 Dec 2017 12:30

Tgt Ion:178 Resp: 28480

Ion	Ratio	Lower	Upper
178	100		
176	20.4	12.8	19.2#
179	16.5	13.0	19.6



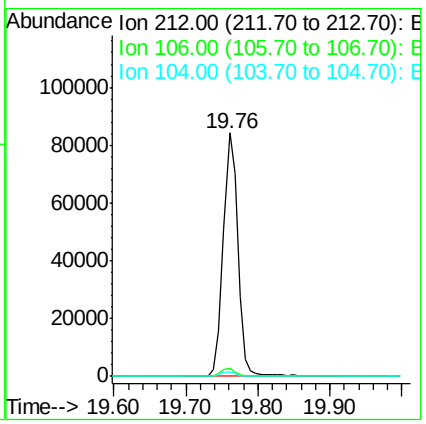


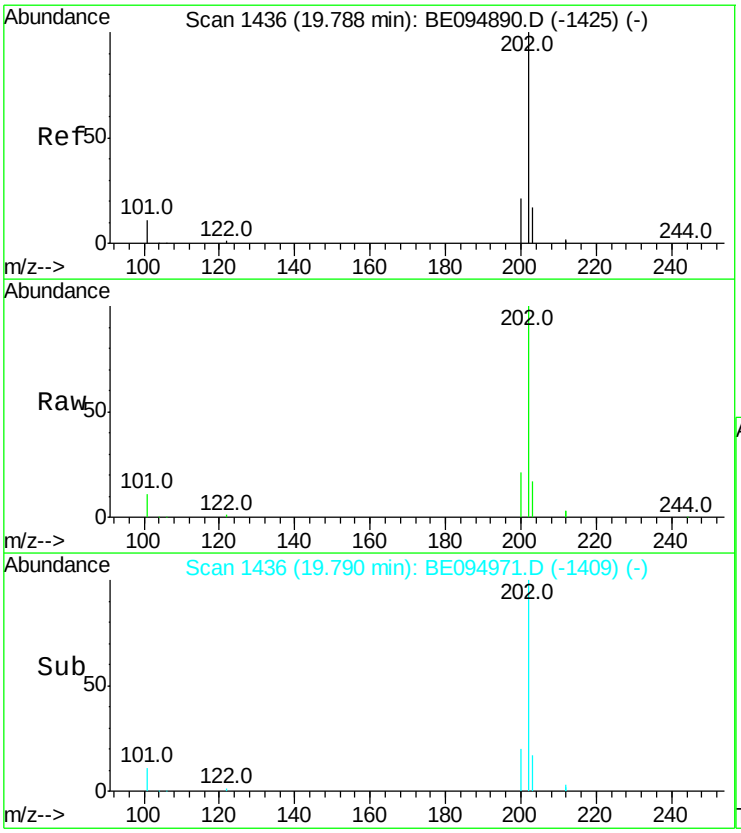
#25
Fluoranthene-d10
Concen: 0.372 ng
RT: 19.76 min Scan# 1432
Delta R.T. 0.00 min
Lab File: BE094971.D
Acq: 11 Dec 2017 12:30

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:212 Resp: 115547

Ion	Ratio	Lower	Upper
212	100		
106	3.3	2.8	4.2
104	1.9	1.6	2.4

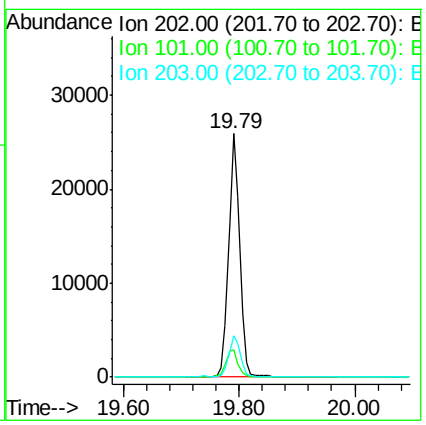


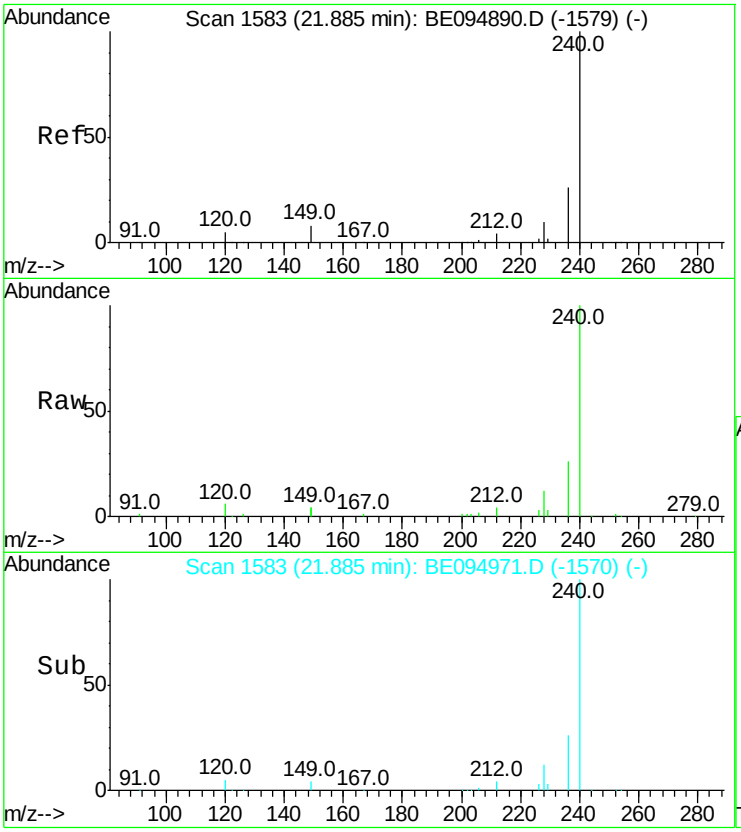


#26
Fluoranthene
Concen: 0.369 ng
RT: 19.79 min Scan# 1436
Delta R.T. 0.00 min
Lab File: BE094971.D
Acq: 11 Dec 2017 12:30

Tgt Ion:202 Resp: 34337

Ion	Ratio	Lower	Upper
202	100		
101	12.0	9.8	14.8
203	17.0	13.7	20.5



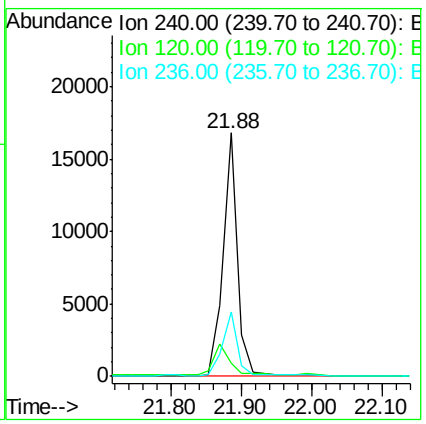


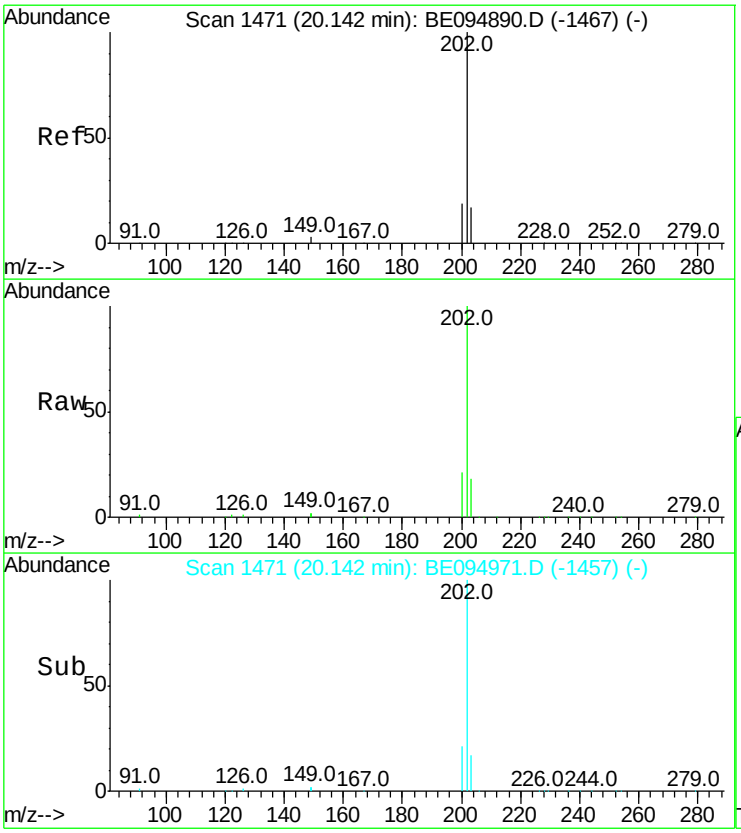
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.88 min Scan# 1583
Delta R.T. -0.00 min
Lab File: BE094971.D
Acq: 11 Dec 2017 12:30

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:240 Resp: 25141

Ion	Ratio	Lower	Upper
240	100		
120	5.7	5.5	8.3
236	26.3	20.7	31.1

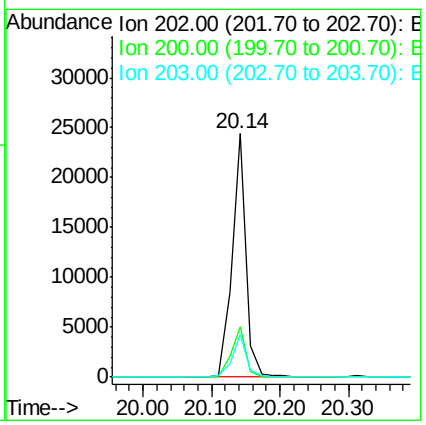


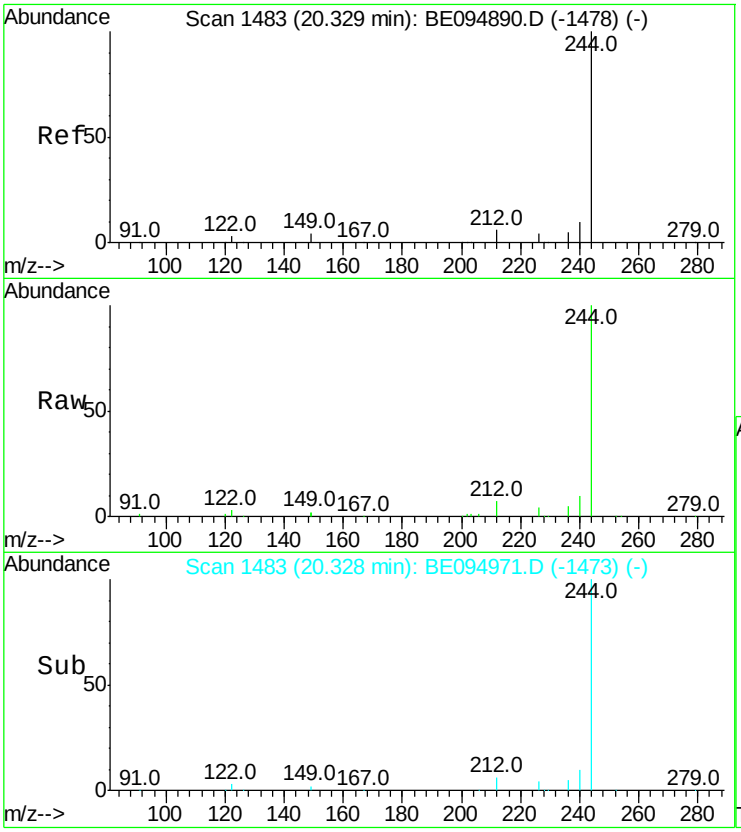


#28
Pyrene
Concen: 0.394 ng
RT: 20.14 min Scan# 1471
Delta R.T. -0.00 min
Lab File: BE094971.D
Acq: 11 Dec 2017 12:30

Tgt Ion:202 Resp: 34178

Ion	Ratio	Lower	Upper
202	100		
200	21.3	16.6	25.0
203	17.2	13.8	20.8



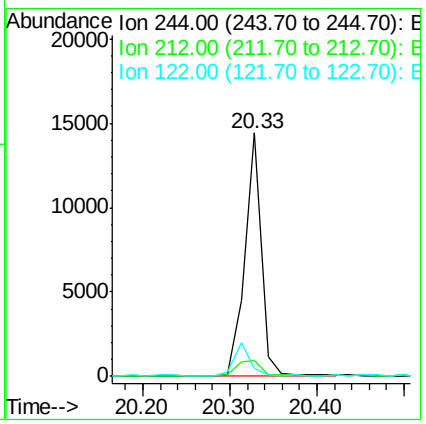


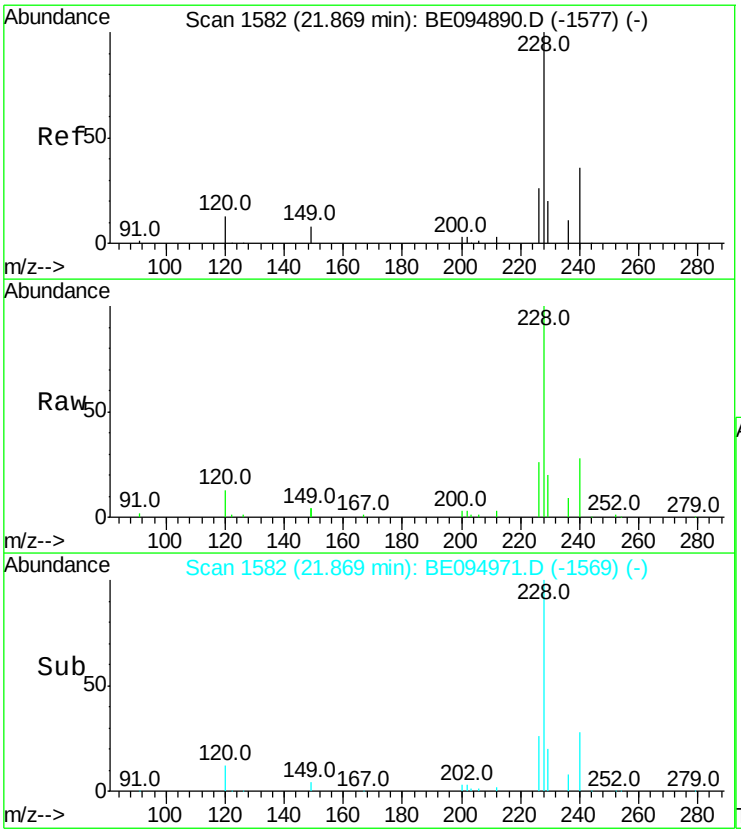
#29
Terphenyl-d14
Concen: 0.405 ng
RT: 20.33 min Scan# 1483
Delta R.T. -0.00 min
Lab File: BE094971.D
Acq: 11 Dec 2017 12:30

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:244 Resp: 18801

Ion	Ratio	Lower	Upper
244	100		
212	6.7	25.4	38.0#
122	3.3	8.1	12.1#

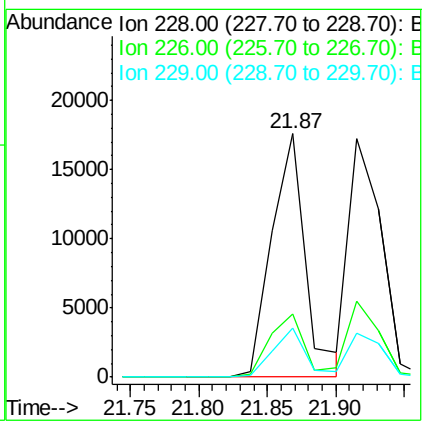


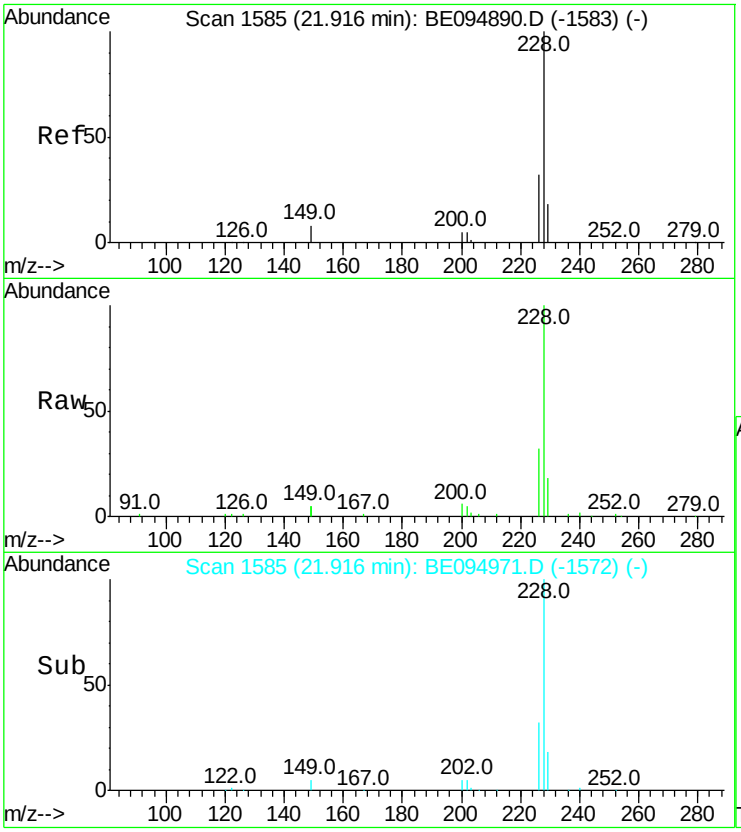


#30
Benzo(a)anthracene
Concen: 0.392 ng
RT: 21.87 min Scan# 1582
Delta R.T. -0.00 min
Lab File: BE094971.D
Acq: 11 Dec 2017 12:30

Tgt Ion:228 Resp: 30188

Ion	Ratio	Lower	Upper
228	100		
226	25.8	40.0	60.0#
229	20.2	40.0	60.0#



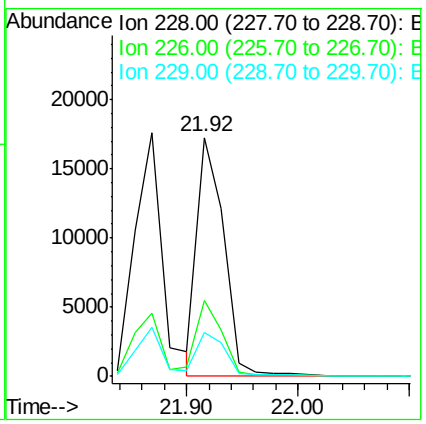


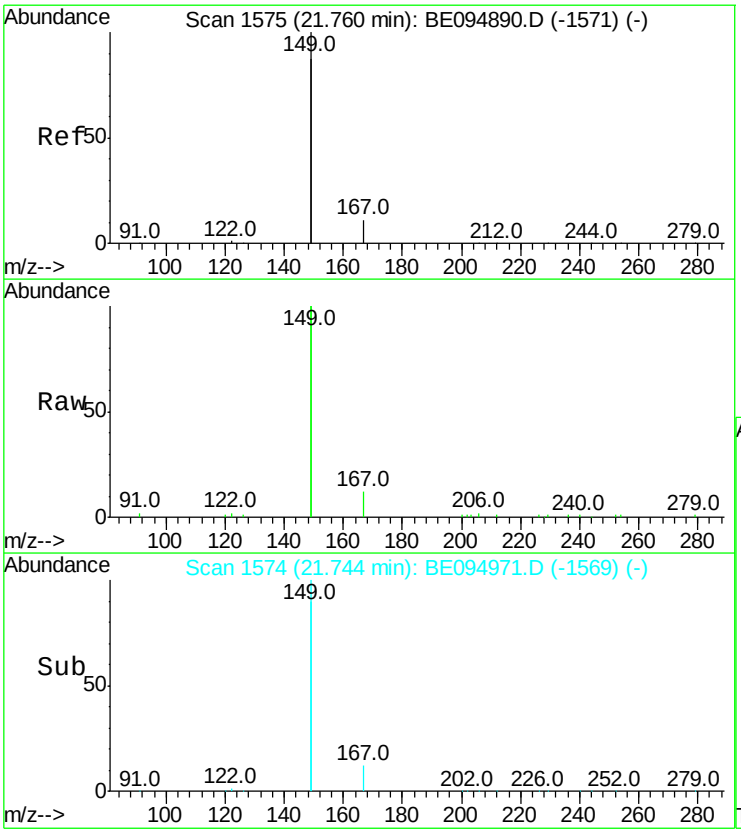
#31
Chrysene
Concen: 0.367 ng
RT: 21.92 min Scan# 1585
Delta R.T. -0.00 min
Lab File: BE094971.D
Acq: 11 Dec 2017 12:30

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:228 Resp: 31255

Ion	Ratio	Lower	Upper
228	100		
226	31.8	40.0	60.0#
229	18.5	40.0	60.0#

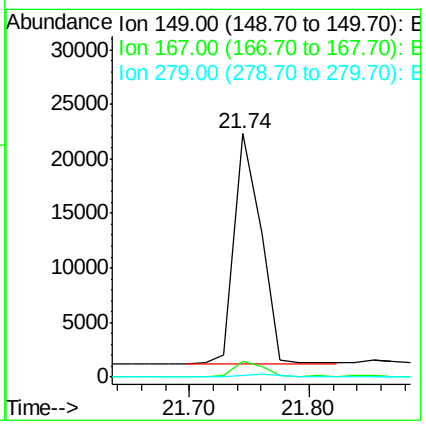


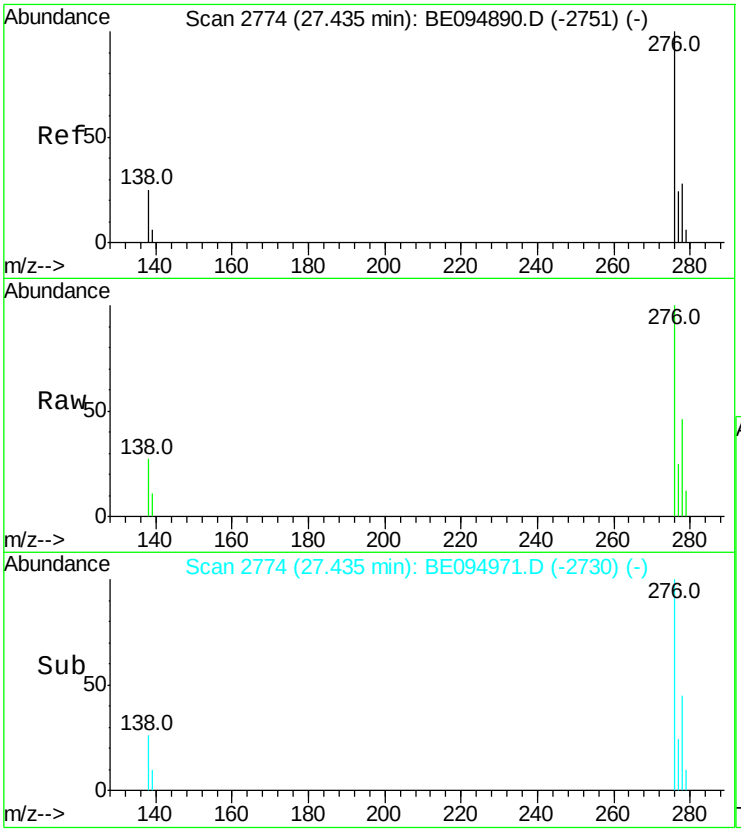


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.253 ng
RT: 21.74 min Scan# 1574
Delta R.T. -0.02 min
Lab File: BE094971.D
Acq: 11 Dec 2017 12:30

Tgt Ion:149 Resp: 32341

Ion	Ratio	Lower	Upper
149	100		
167	6.7	5.4	8.0
279	0.8	0.7	1.1



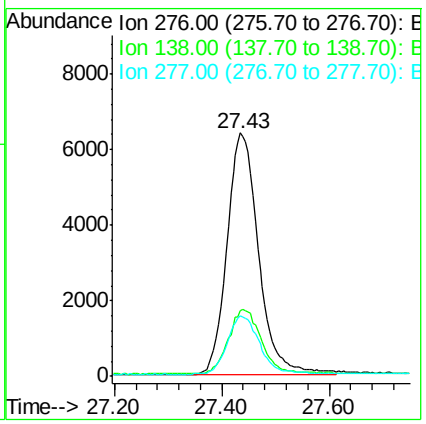


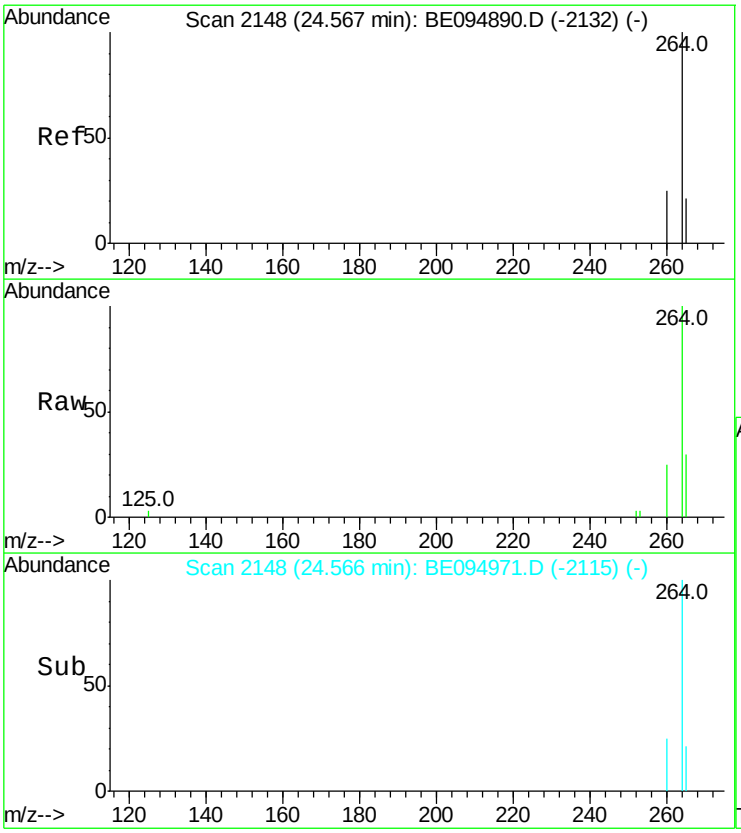
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.373 ng
RT: 27.43 min Scan# 2774
Delta R.T. -0.00 min
Lab File: BE094971.D
Acq: 11 Dec 2017 12:30

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 26009

Ion	Ratio	Lower	Upper
276	100		
138	28.0	22.5	33.7
277	24.8	19.9	29.9

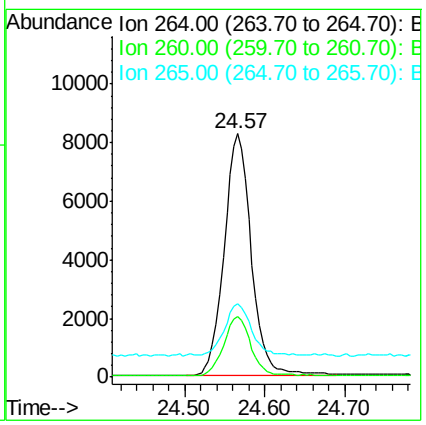


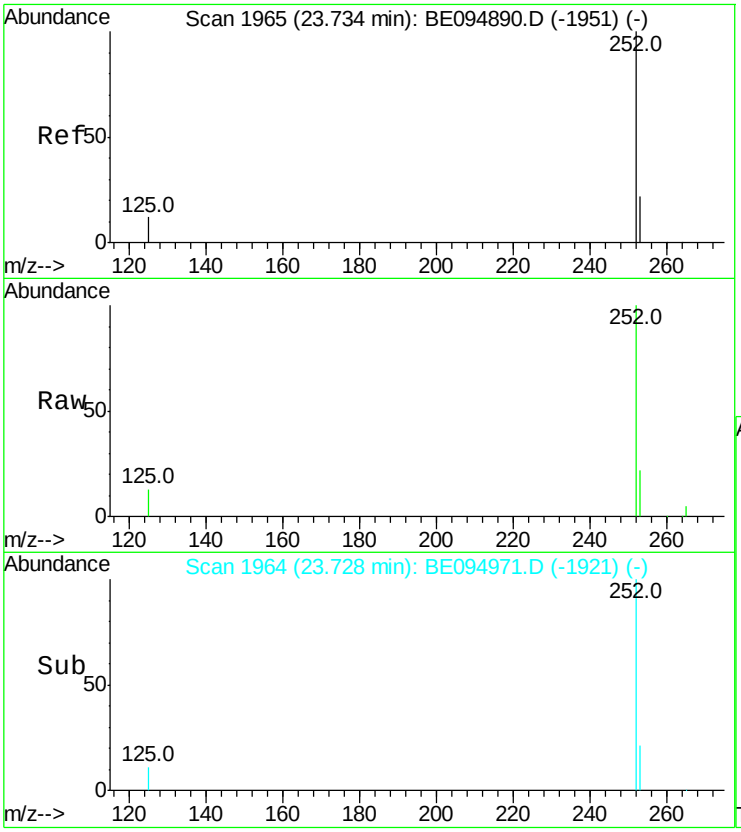


#34
Perylene-d12
Concen: 0.400 ng
RT: 24.57 min Scan# 2148
Delta R.T. -0.00 min
Lab File: BE094971.D
Acq: 11 Dec 2017 12:30

Tgt Ion:264 Resp: 19492

Ion	Ratio	Lower	Upper
264	100		
260	25.0	20.5	30.7
265	30.0	22.8	34.2



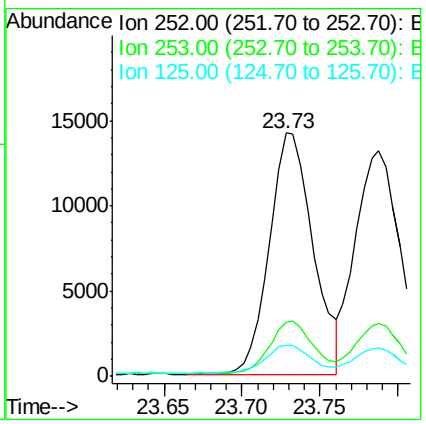


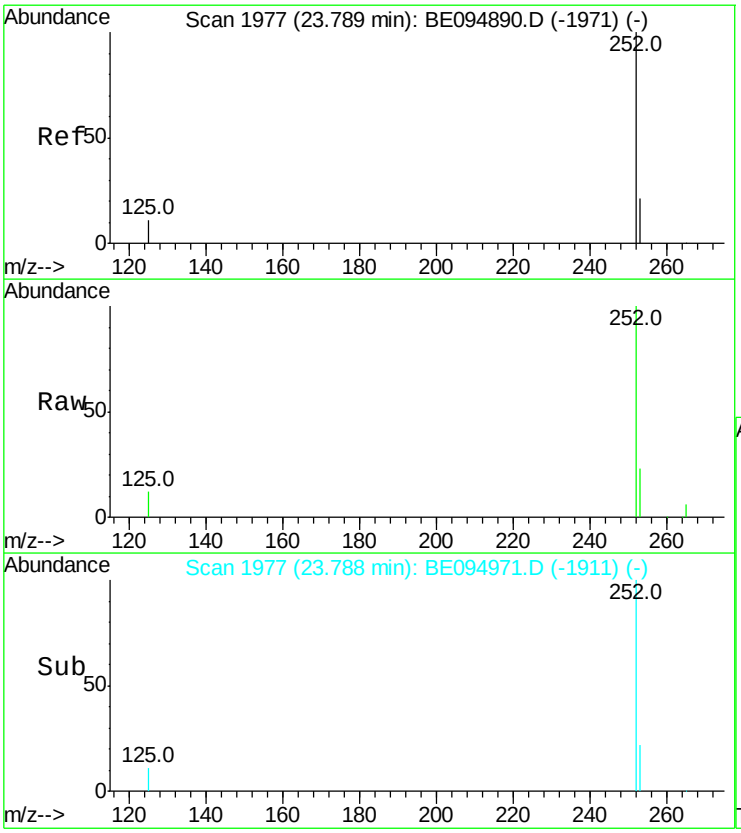
#35
Benzo(b)fluoranthene
Concen: 0.386 ng
RT: 23.73 min Scan# 1964
Delta R.T. -0.01 min
Lab File: BE094971.D
Acq: 11 Dec 2017 12:30

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 27463

Ion	Ratio	Lower	Upper
252	100		
253	22.2	48.0	72.0#
125	12.7	56.0	84.0#

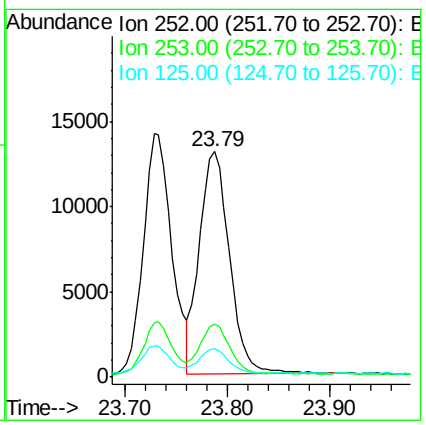


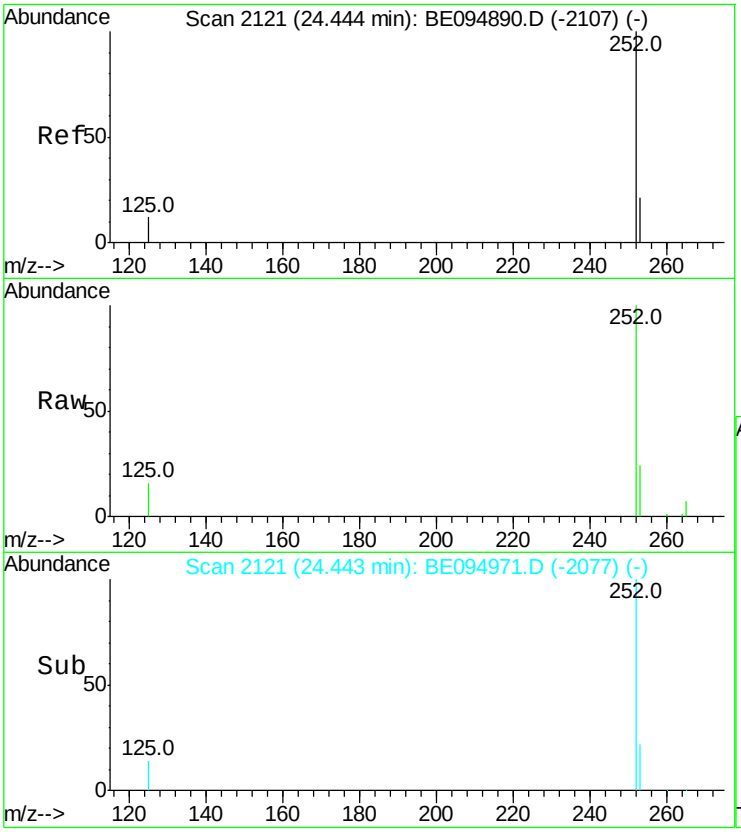


#36
Benzo(k)fluoranthene
Concen: 0.368 ng
RT: 23.79 min Scan# 1977
Delta R.T. -0.00 min
Lab File: BE094971.D
Acq: 11 Dec 2017 12:30

Tgt Ion:252 Resp: 26678

Ion	Ratio	Lower	Upper
252	100		
253	23.5	48.0	72.0#
125	12.4	56.0	84.0#



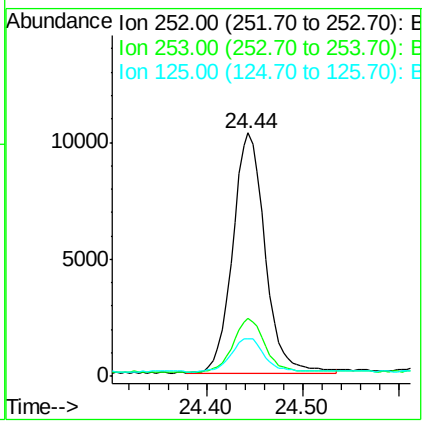


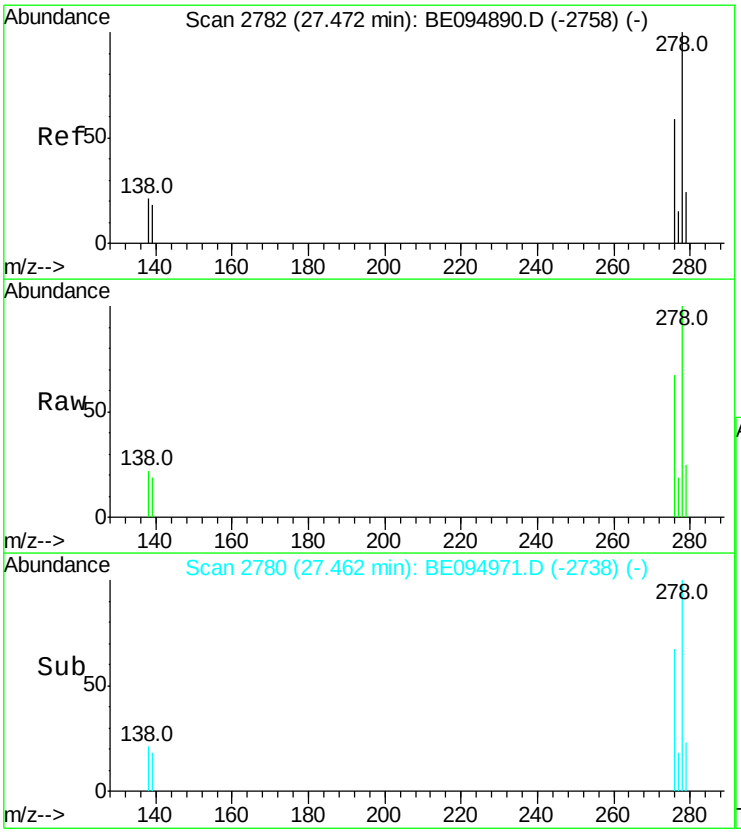
#37
Benzo(a)pyrene
Concen: 0.382 ng
RT: 24.44 min Scan# 2121
Delta R.T. -0.00 min
Lab File: BE094971.D
Acq: 11 Dec 2017 12:30

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 23812

Ion	Ratio	Lower	Upper
252	100		
253	23.9	52.0	78.0#
125	15.6	68.0	102.0#

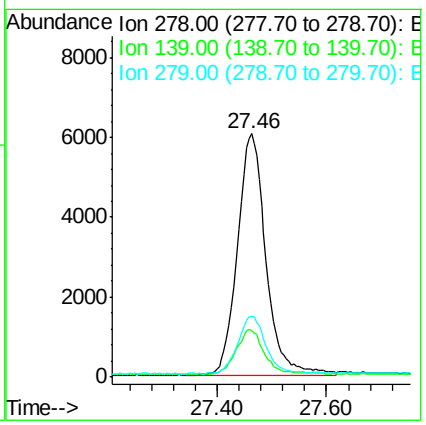


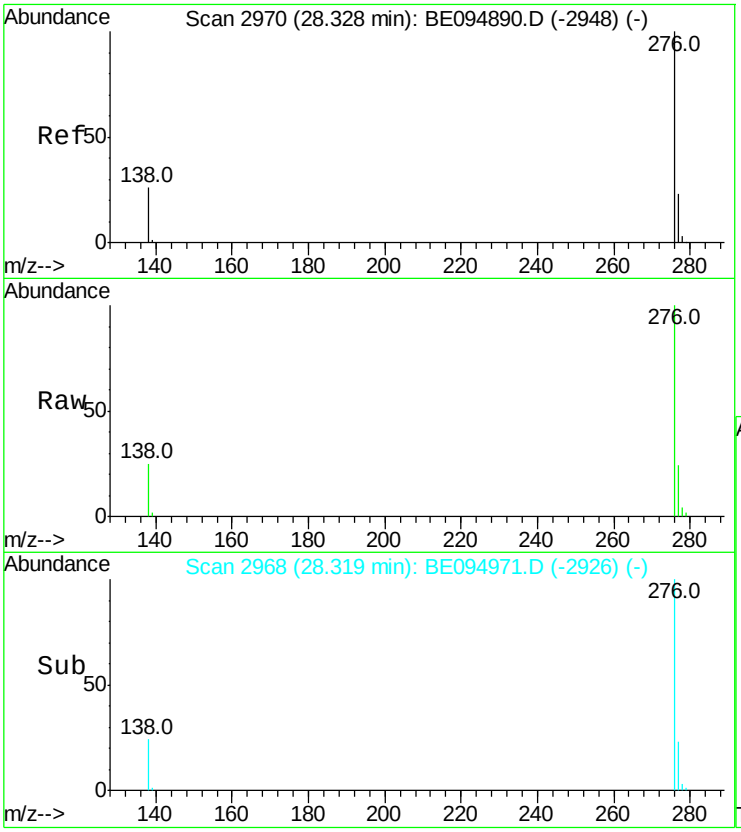


#38
Dibenzo(a,h)anthracene
Concen: 0.378 ng
RT: 27.46 min Scan# 2780
Delta R.T. -0.01 min
Lab File: BE094971.D
Acq: 11 Dec 2017 12:30

Tgt Ion:278 Resp: 21795

Ion	Ratio	Lower	Upper
278	100		
139	18.9	56.0	84.0#
279	24.7	52.0	78.0#





#39
Benzo(g,h,i)perylene
Concen: 0.381 ng
RT: 28.32 min Scan# 2968
Delta R.T. -0.01 min
Lab File: BE094971.D
Acq: 11 Dec 2017 12:30

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 21933

Ion	Ratio	Lower	Upper
276	100		
277	23.6	52.0	78.0#
138	24.9	44.0	66.0#