Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\Data\BE092317\
Data File : BE094074.D
Acq On : 23 Sep 2017 12:37
Operator : SJ/JU
Sample : SSTDICC0.2
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId :

Quant Time: Sep 23 14:52:58 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Sep 23 14:52:59 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.905	152	738	0.40	ng		0.00
7) Naphthalene-d8	10.689	136	3841	0.40	ng		0.00
13) Acenaphthene-d10	14.510	164	2779	0.40	ng		0.00
19) Phenanthrene-d10	17.236	188	11349	0.40	ng		0.00
27) Chrysene-d12	21.404	240	17070	0.40	ng		0.00
34) Perylene-d12	23.903	264	14327	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.500	112	943	0.39	ng		0.00
5) Phenol-d6	7.086	99	932	0.26	ng		0.00
8) Nitrobenzene-d5	9.061	82	700	0.22	ng		0.00
11) 2-Methylnaphthalene-d10	12.276	152	1328	0.22	ng		0.00
14) 2,4,6-Tribromophenol	15.997	330	1294	1.50	ng		0.00
15) 2-Fluorobiphenyl	13.132	172	2007	0.18	ng		0.00
25) Fluoranthene-d10	19.267	212	29391	0.17	ng		0.00
29) Terphenyl-d14	19.851	244	5475	0.17	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.410	88	413	0.41	ng	#	75
3) n-Nitrosodimethylamine	3.725	42	464	0.39	ng	#	69
6) bis(2-Chloroethyl)ether	7.325	93	662	0.23	ng		97
9) Naphthalene	10.740	128	13412	0.30	ng		99
10) Hexachlorobutadiene	11.025	225	328	0.21	ng		93
12) 2-Methylnaphthalene	12.345	142	1580	0.22	ng	#	96
16) Acenaphthylene	14.229	152	2784	0.20	ng		100
17) Acenaphthene	14.569	154	1873	0.20	ng		98
18) Fluorene	15.547	166	2783	0.23	ng		100
20) 4-Bromophenyl-phenylether	16.421	248	1152	0.19	ng	#	56
21) Hexachlorobenzene	16.551	284	790	0.12	ng	#	100
22) Pentachlorophenol	16.910	266	129	0.07	ng	#	79
23) Phenanthrene	17.268	178	8161	0.22	ng	#	99
24) Anthracene	17.366	178	6366	0.18	ng	#	92
26) Fluoranthene	19.296	202	8769	0.17	ng		98
28) Pyrene	19.651	202	9674	0.16	ng		100
30) Benzo(a)anthracene	21.382	228	11727	0.22	ng		98
31) Chrysene	21.437	228	11296	0.20	ng		99
32) Bis(2-ethylhexyl)phtha...	21.293	149	32094	0.25	ng		100
33) Indeno(1,2,3-cd)pyrene	26.542	276	8853	0.24	ng		100
35) Benzo(b)fluoranthene	23.133	252	10507	0.23	ng		97
36) Benzo(k)fluoranthene	23.183	252	10346	0.19	ng	#	95
37) Benzo(a)pyrene	23.789	252	9381	0.20	ng	#	96
38) Dibenzo(a,h)anthracene	26.561	278	7471	0.24	ng		96
39) Benzo(g,h,i)perylene	27.358	276	7523	0.23	ng		99

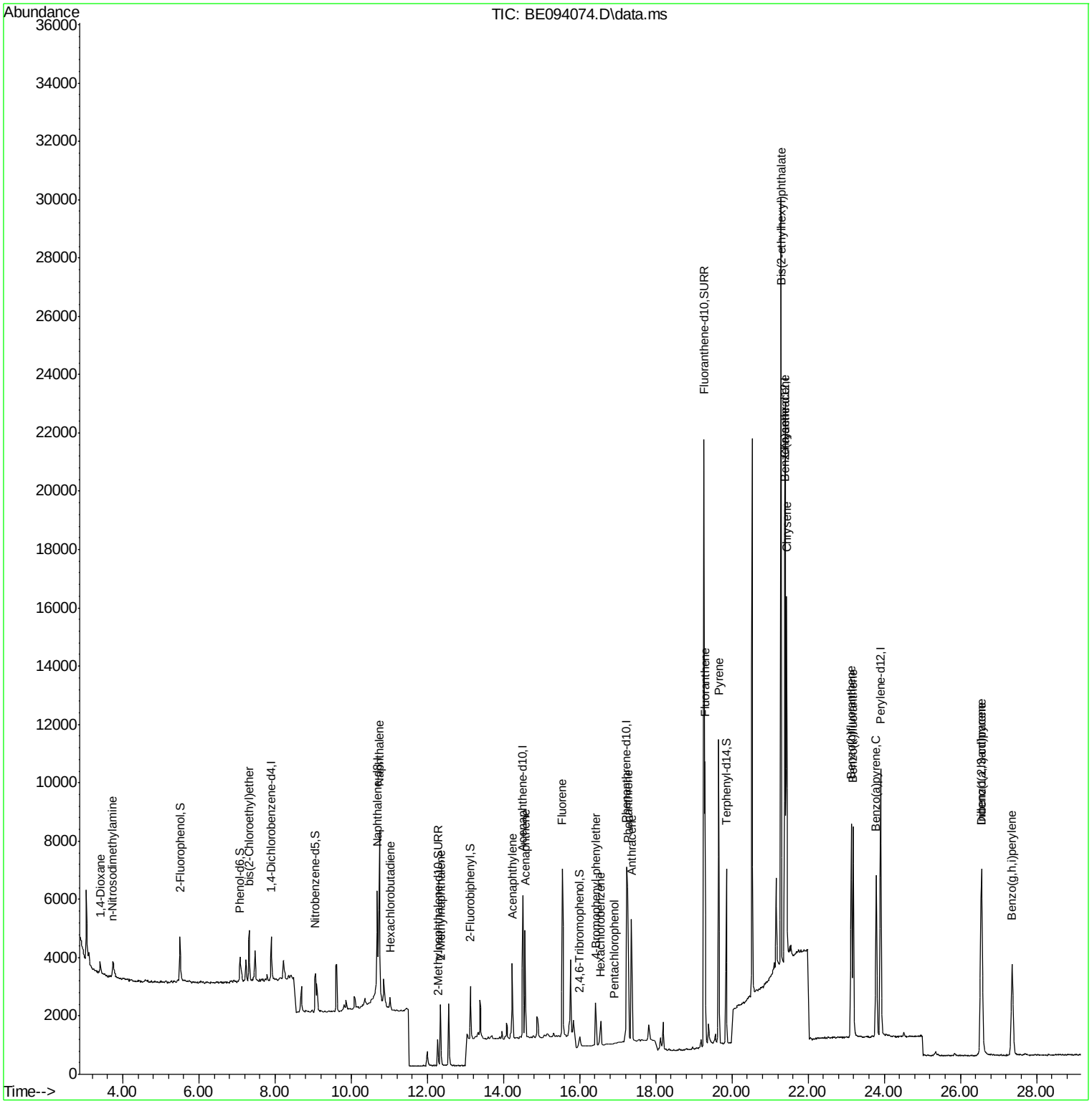
(#) = qualifier out of range (m) = manual integration (+) = signals summed

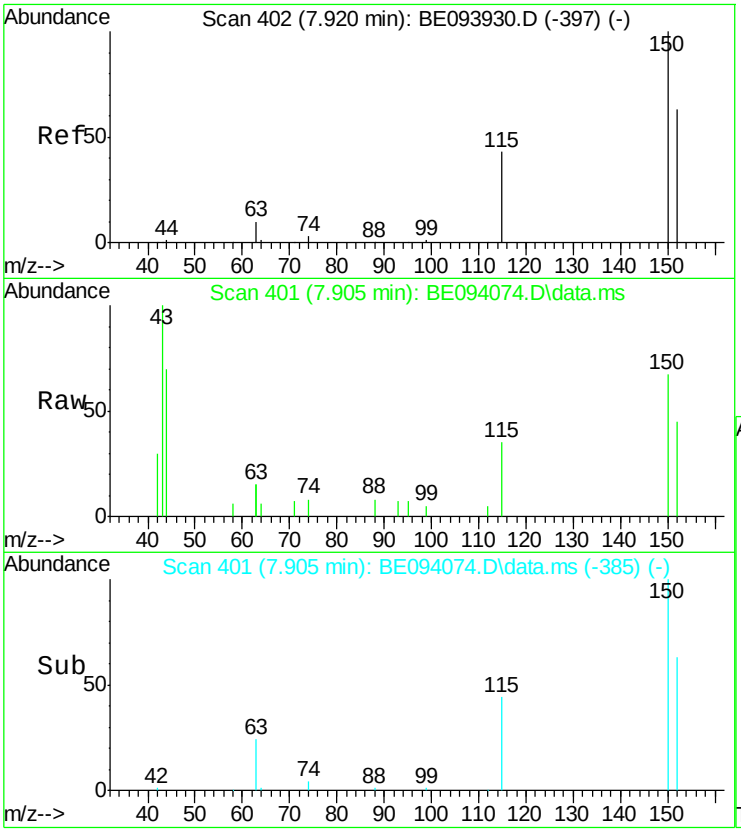
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\Data\BE092317\
Data File : BE094074.D
Acq On : 23 Sep 2017 12:37
Operator : SJ/JU
Sample : SSTDICC0.2
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :

Quant Time: Sep 23 14:52:58 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Sep 23 14:52:59 2017
Response via : Initial Calibration



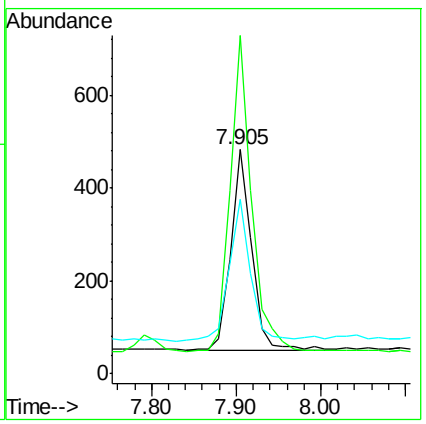


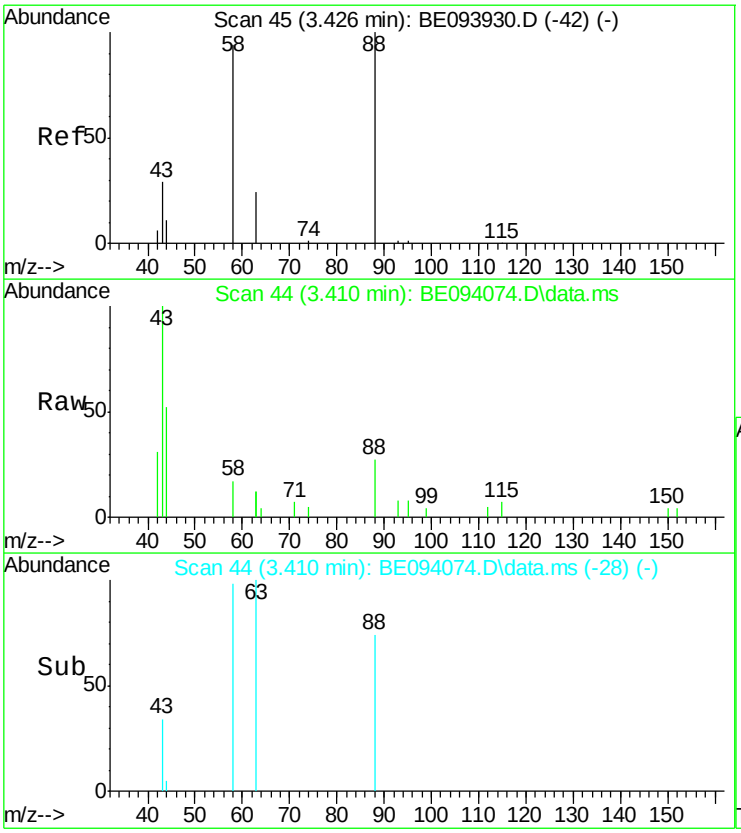
#1
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.905 min Scan# 40
Delta R.T. -0.003 min
Lab File: BE094074.D
Acq: 23 Sep 2017 12:37

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 738

Ion	Ratio	Lower	Upper
152	100		
150	151.2	121.8	182.6
115	78.2	52.6	79.0

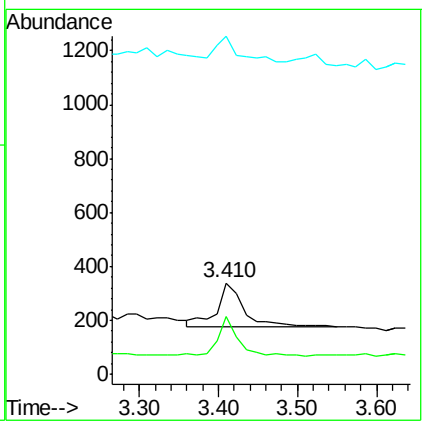


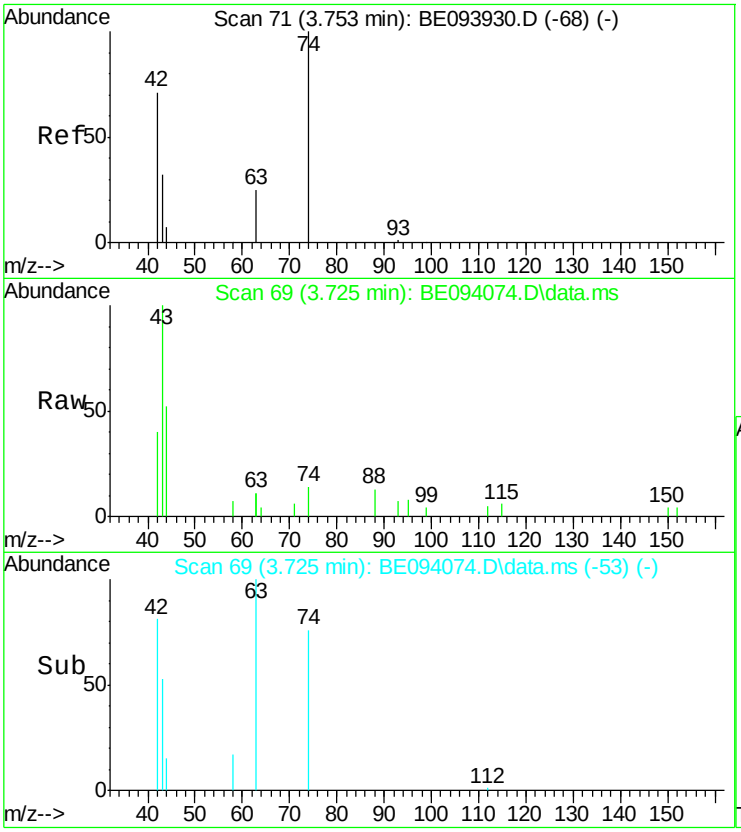


#2
1,4-Dioxane
Concen: 0.41 ng
RT: 3.410 min Scan# 44
Delta R.T. -0.003 min
Lab File: BE094074.D
Acq: 23 Sep 2017 12:37

Tgt Ion: 88 Resp: 413

Ion	Ratio	Lower	Upper
88	100		
58	60.3	65.4	98.0#
43	44.1	23.9	35.9#



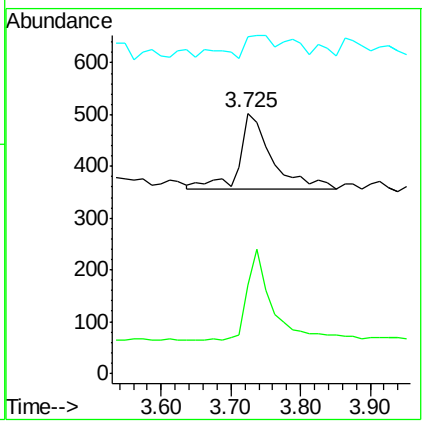


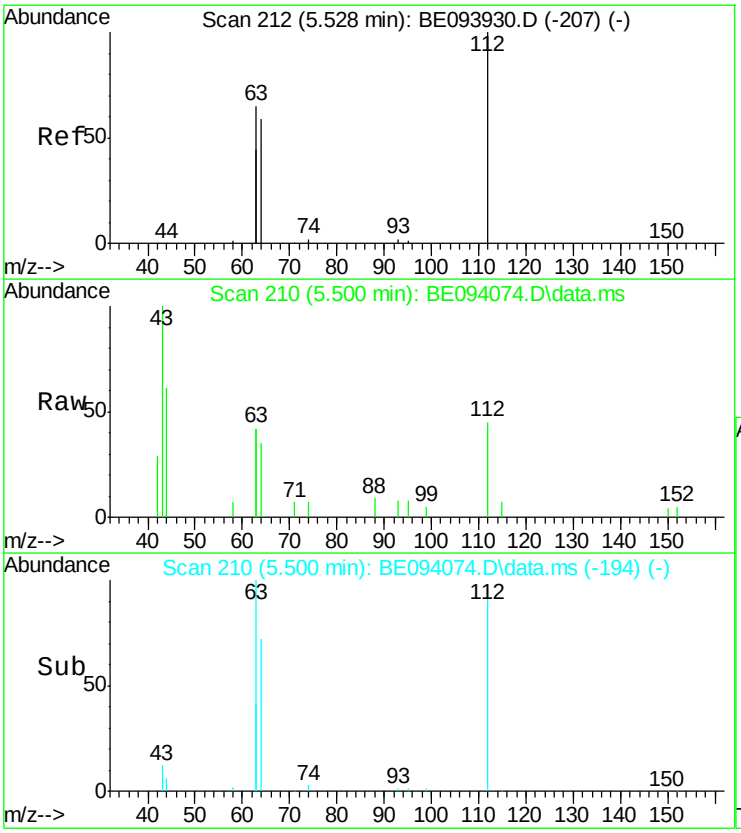
#3
n-Nitrosodimethylamine
Concen: 0.39 ng
RT: 3.725 min Scan# 69
Delta R.T. -0.003 min
Lab File: BE094074.D
Acq: 23 Sep 2017 12:37

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 42 Resp: 464

Ion	Ratio	Lower	Upper
42	100		
74	90.9	104.0	156.0#
44	24.4	13.8	20.8#

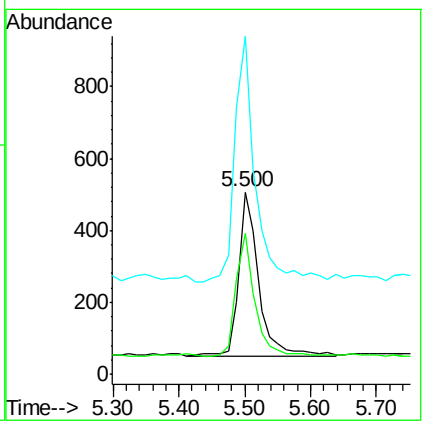


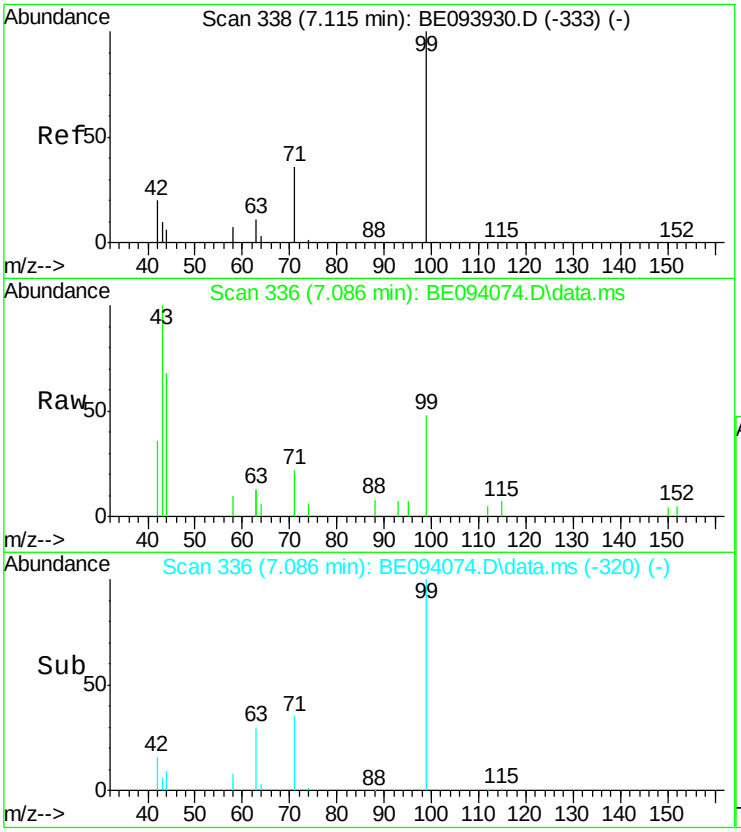


#4
2-Fluorophenol
Concen: 0.39 ng
RT: 5.500 min Scan# 210
Delta R.T. -0.003 min
Lab File: BE094074.D
Acq: 23 Sep 2017 12:37

Tgt Ion:112 Resp: 943

Ion	Ratio	Lower	Upper
112	100		
64	72.1	57.7	86.5
63	155.2	116.0	174.0



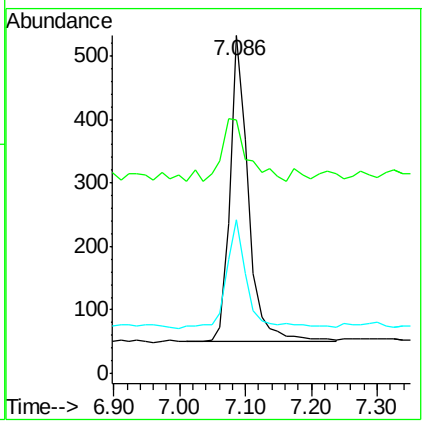


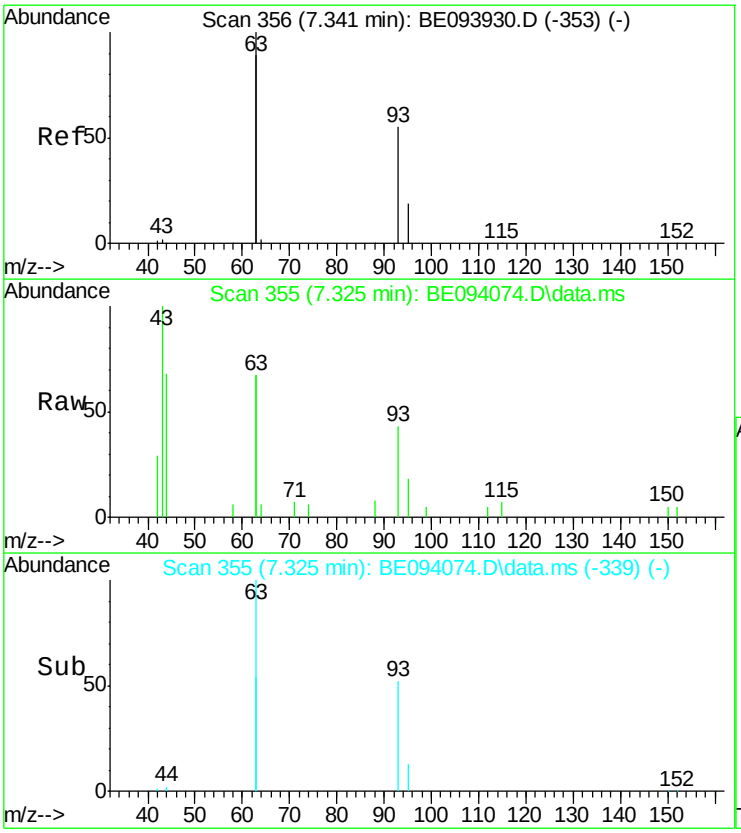
#5
Phenol-d6
Concen: 0.26 ng
RT: 7.086 min Scan# 33
Delta R.T. -0.003 min
Lab File: BE094074.D
Acq: 23 Sep 2017 12:37

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 99 Resp: 932

Ion	Ratio	Lower	Upper
99	100		
42	29.0	17.1	25.7#
71	39.6	26.6	39.8

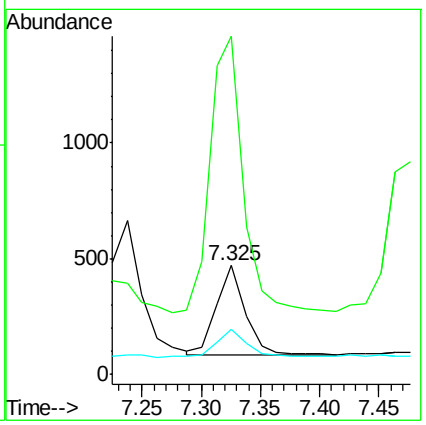


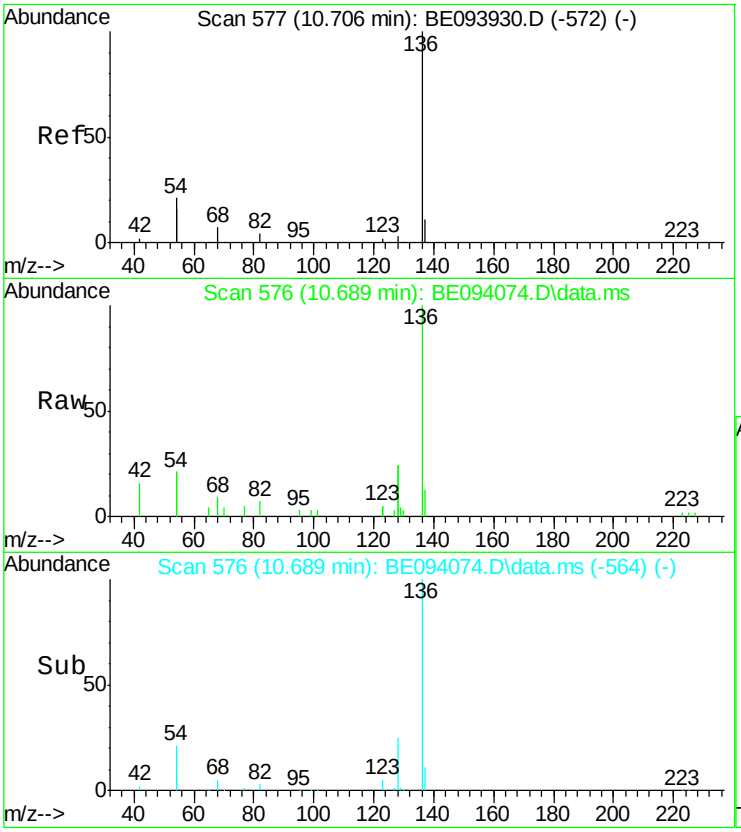


#6
bis(2-Chloroethyl)ether
Concen: 0.23 ng
RT: 7.325 min Scan# 355
Delta R.T. -0.003 min
Lab File: BE094074.D
Acq: 23 Sep 2017 12:37

Tgt Ion: 93 Resp: 662

Ion	Ratio	Lower	Upper
93	100		
63	347.6	283.4	425.2
95	33.5	26.9	40.3



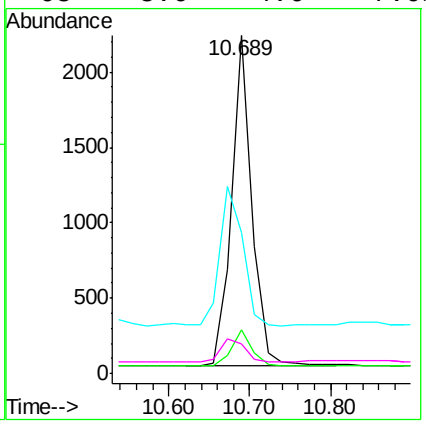


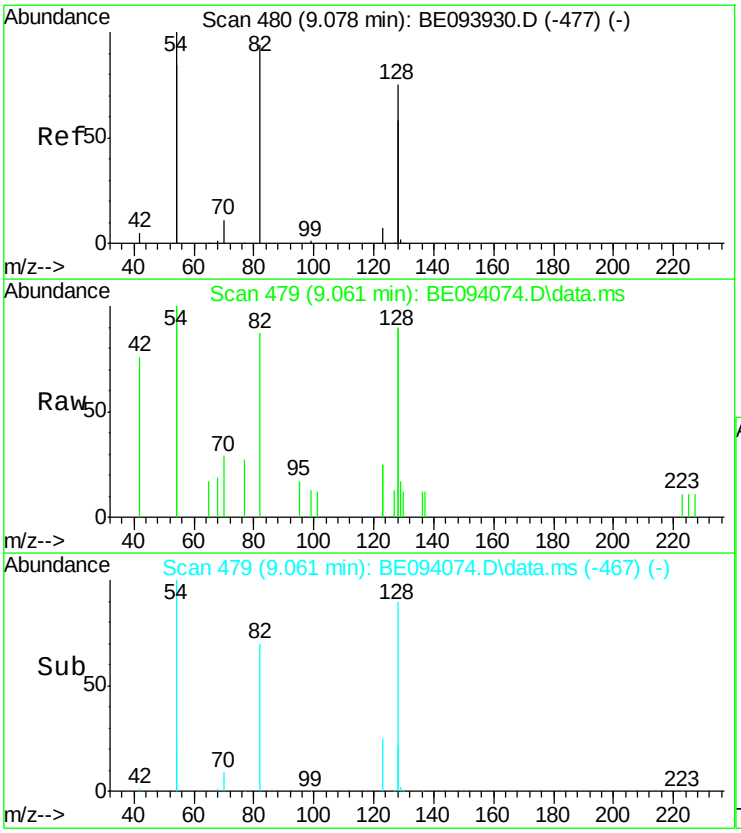
#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.689 min Scan# 57
Delta R.T. -0.001 min
Lab File: BE094074.D
Acq: 23 Sep 2017 12:37

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:136 Resp: 3841

Ion	Ratio	Lower	Upper
136	100		
137	13.0	9.2	13.8
54	41.7	21.9	32.9#
68	8.6	4.6	7.0#

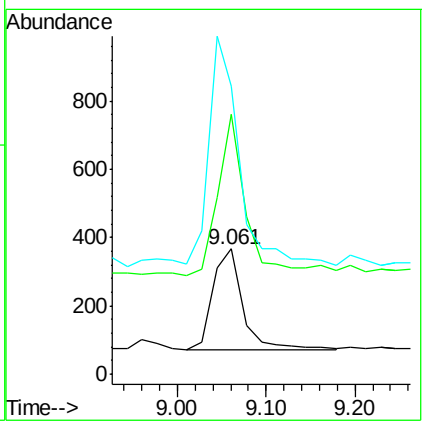


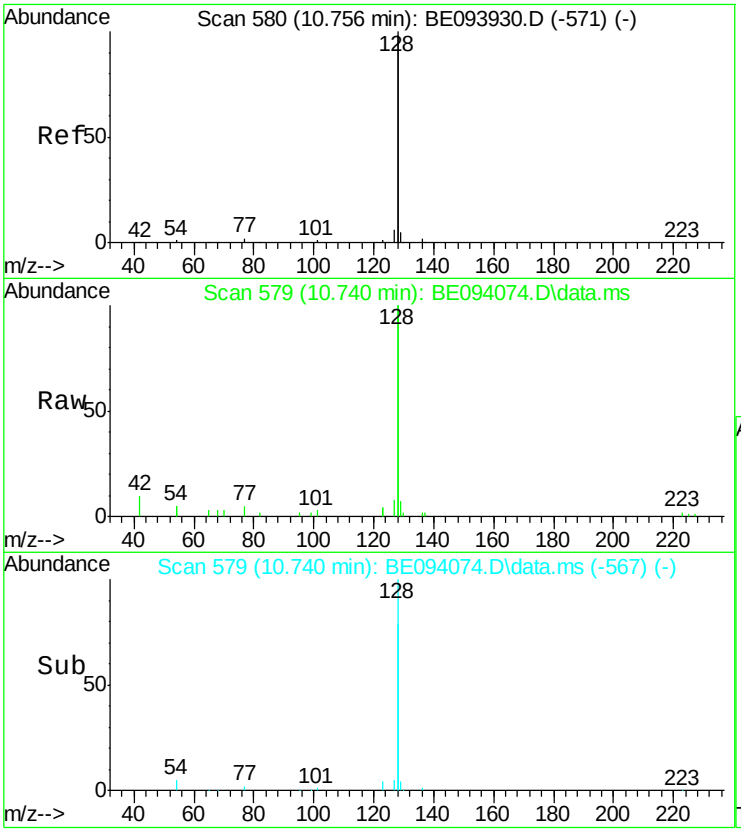


#8
Nitrobenzene-d5
Concen: 0.22 ng
RT: 9.061 min Scan# 479
Delta R.T. -0.001 min
Lab File: BE094074.D
Acq: 23 Sep 2017 12:37

Tgt Ion: 82 Resp: 700

Ion	Ratio	Lower	Upper
82	100		
128	207.1	91.4	137.0#
54	230.0	197.8	296.8



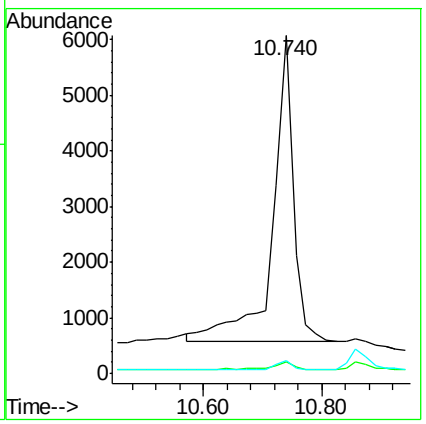


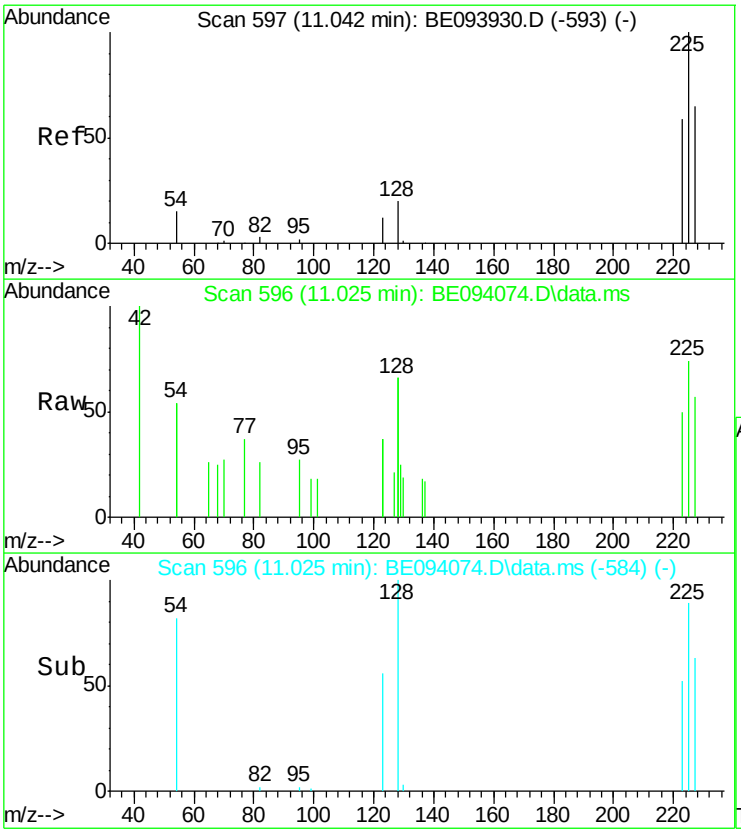
#9
Naphthalene
Concen: 0.30 ng
RT: 10.740 min Scan# 57
Delta R.T. -0.001 min
Lab File: BE094074.D
Acq: 23 Sep 2017 12:37

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:128 Resp: 13412

Ion	Ratio	Lower	Upper
128	100		
129	3.5	2.5	3.7
127	3.8	2.6	4.0

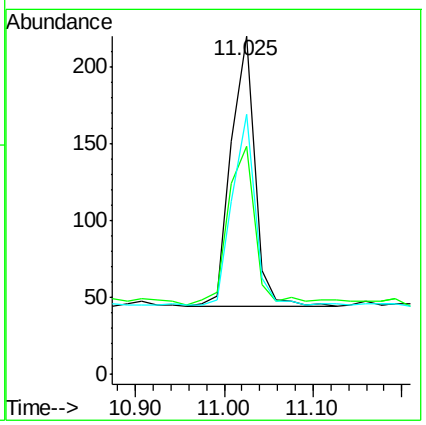


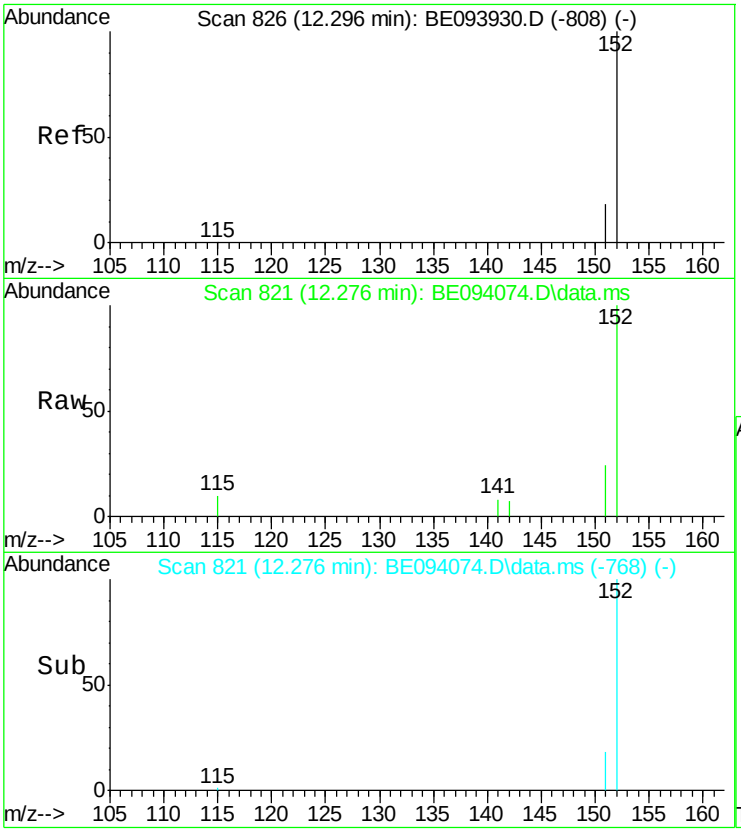


#10
Hexachlorobutadiene
Concen: 0.21 ng
RT: 11.025 min Scan# 596
Delta R.T. -0.001 min
Lab File: BE094074.D
Acq: 23 Sep 2017 12:37

Tgt Ion:225 Resp: 328

Ion	Ratio	Lower	Upper
225	100		
223	68.6	49.4	74.0
227	66.8	50.5	75.7



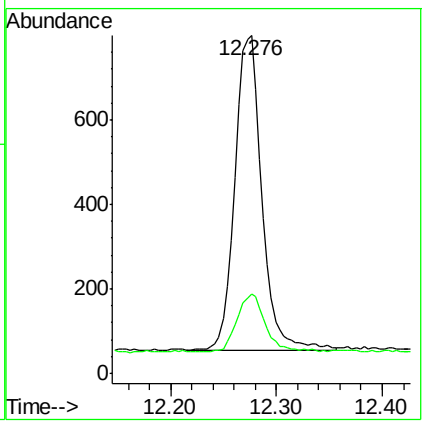


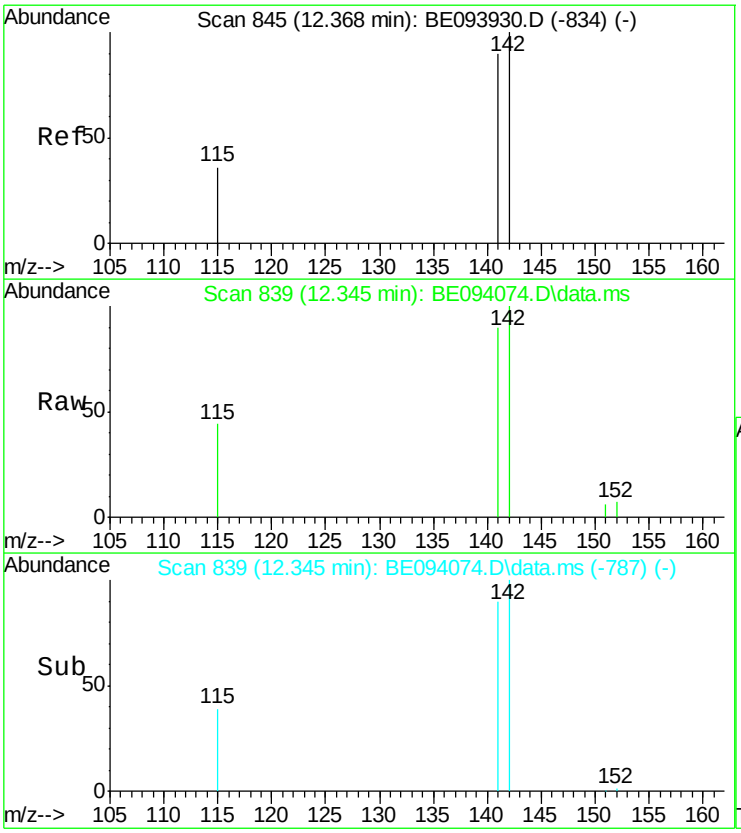
#11
2-Methylnaphthalene-d10
Concen: 0.22 ng
RT: 12.276 min Scan# 82
Delta R.T. 0.003 min
Lab File: BE094074.D
Acq: 23 Sep 2017 12:37

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 1328

Ion	Ratio	Lower	Upper
152	100		
151	18.8	15.4	23.0

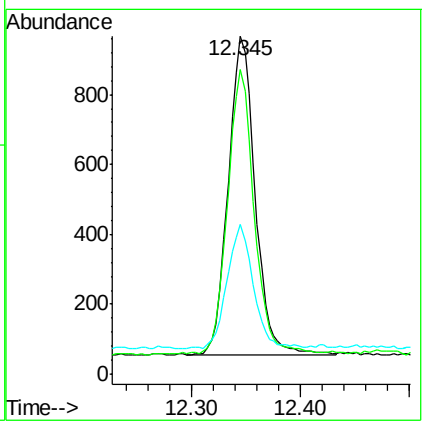


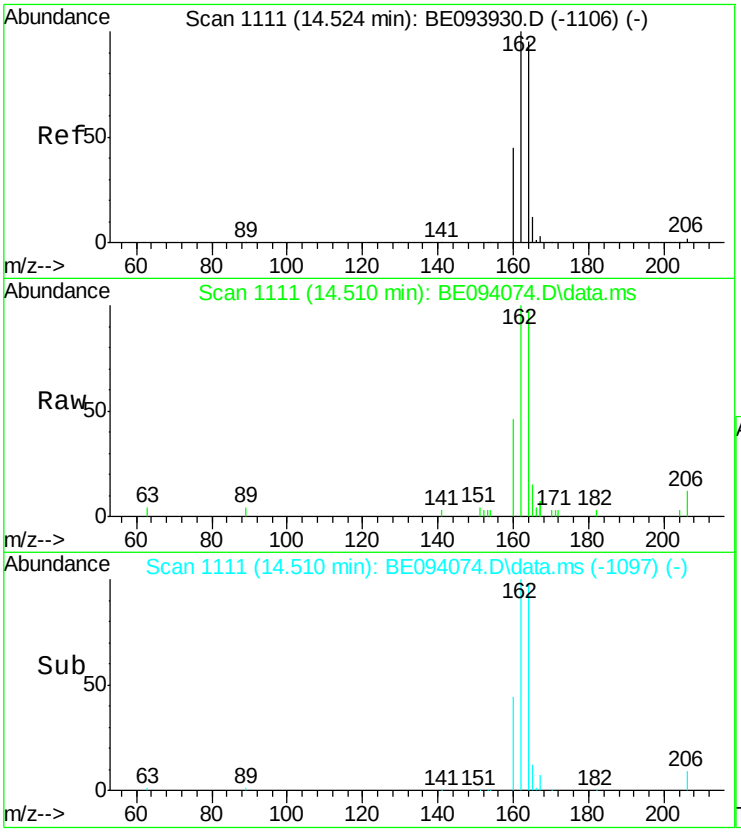


#12
2-Methylnaphthalene
Concen: 0.22 ng
RT: 12.345 min Scan# 839
Delta R.T. -0.001 min
Lab File: BE094074.D
Acq: 23 Sep 2017 12:37

Tgt Ion:142 Resp: 1580

Ion	Ratio	Lower	Upper
142	100		
141	90.3	71.4	107.2
115	44.3	29.4	44.0#



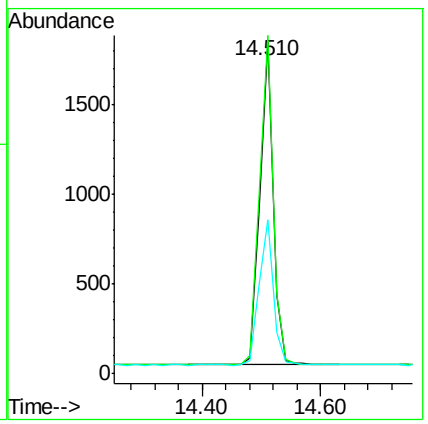


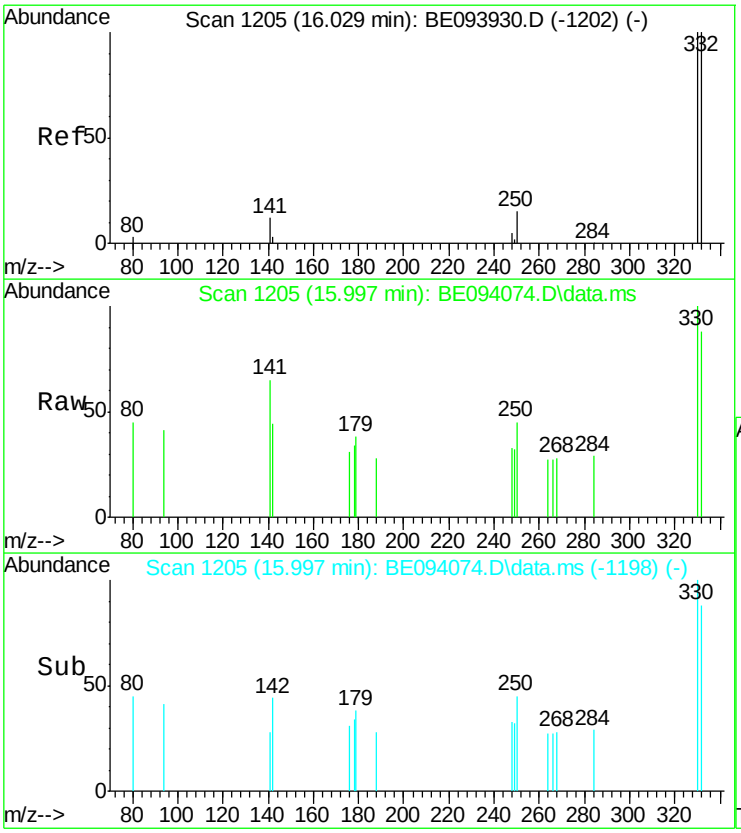
#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.510 min Scan# 11
Delta R.T. 0.001 min
Lab File: BE094074.D
Acq: 23 Sep 2017 12:37

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:164 Resp: 2779

Ion	Ratio	Lower	Upper
164	100		
162	102.0	80.8	121.2
160	46.4	37.0	55.4

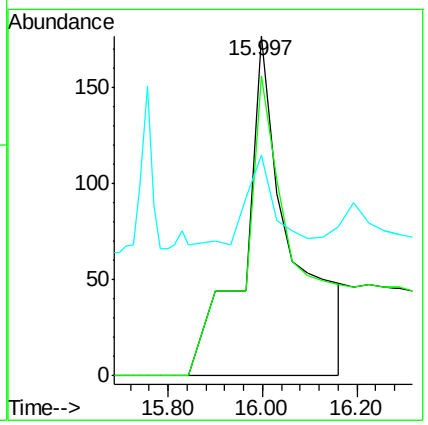


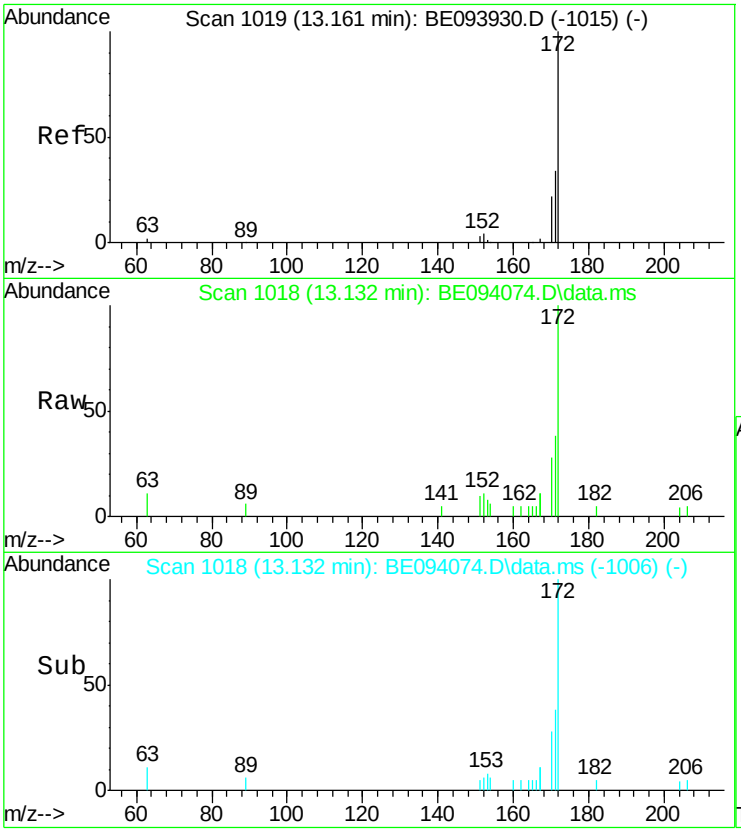


#14
2,4,6-Tribromophenol
Concen: 1.50 ng
RT: 15.997 min Scan# 1205
Delta R.T. 0.001 min
Lab File: BE094074.D
Acq: 23 Sep 2017 12:37

Tgt Ion:330 Resp: 1294

Ion	Ratio	Lower	Upper
330	100		
332	97.2	76.9	115.3
141	16.2	0.0	0.0#



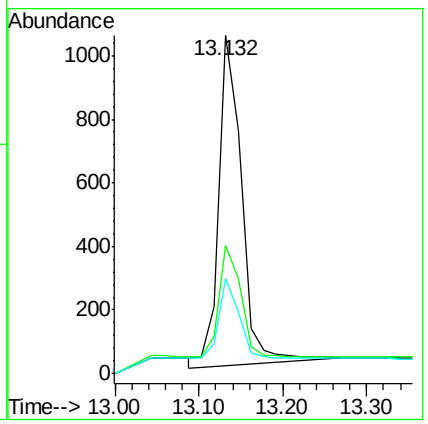


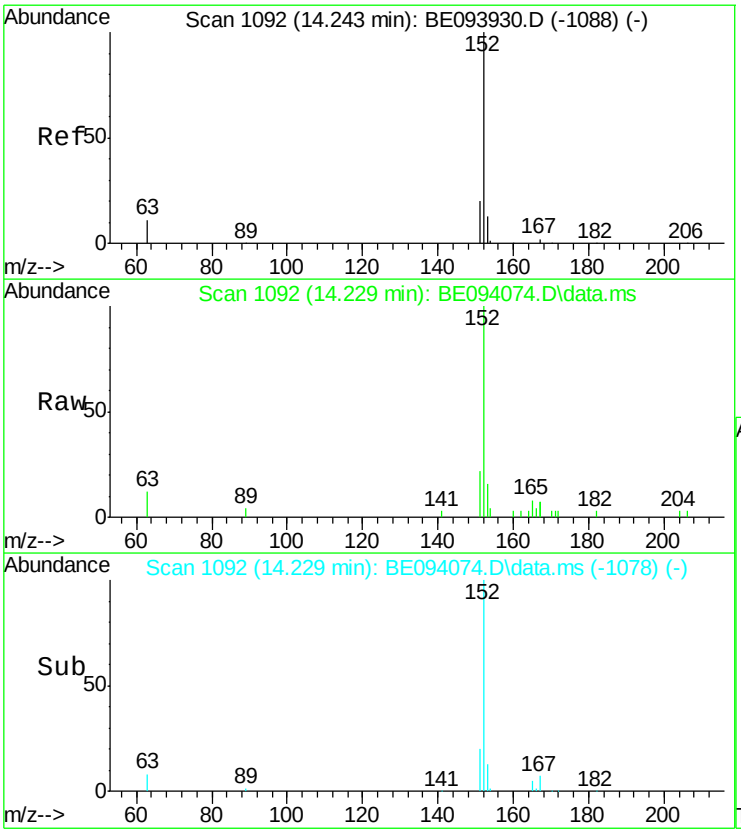
#15
2-Fluorobiphenyl
Concen: 0.18 ng
RT: 13.132 min Scan# 10
Delta R.T. 0.001 min
Lab File: BE094074.D
Acq: 23 Sep 2017 12:37

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:172 Resp: 2007

Ion	Ratio	Lower	Upper
172	100		
171	37.9	26.9	40.3
170	28.1	17.3	25.9#

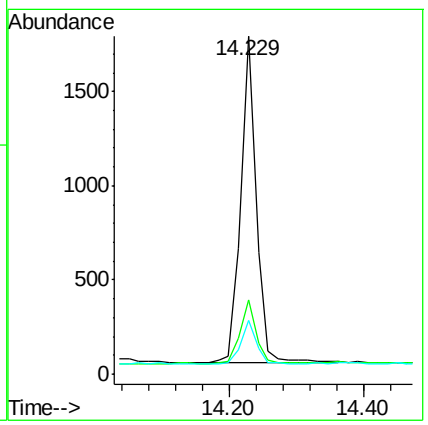


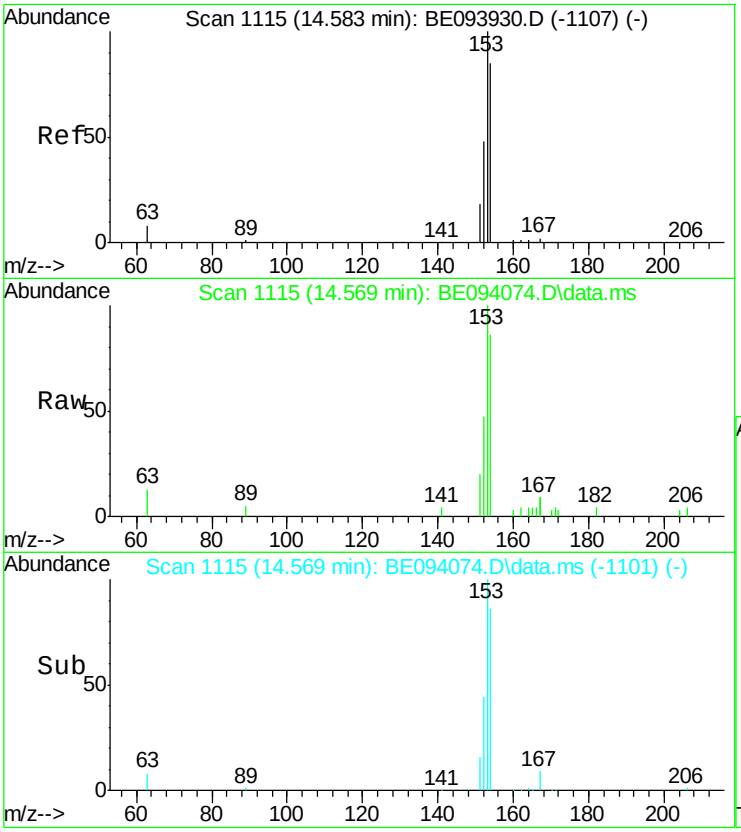


#16
Acenaphthylene
Concen: 0.20 ng
RT: 14.229 min Scan# 1092
Delta R.T. 0.001 min
Lab File: BE094074.D
Acq: 23 Sep 2017 12:37

Tgt Ion:152 Resp: 2784

Ion	Ratio	Lower	Upper
152	100		
151	19.8	15.7	23.5
153	13.3	10.6	16.0



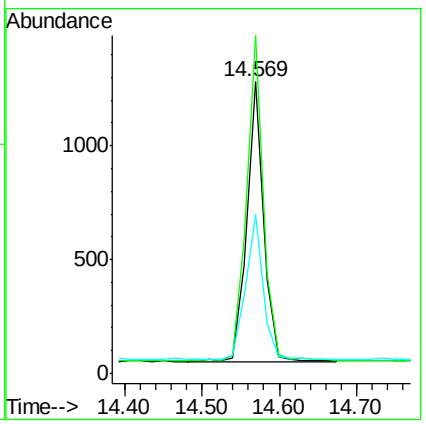


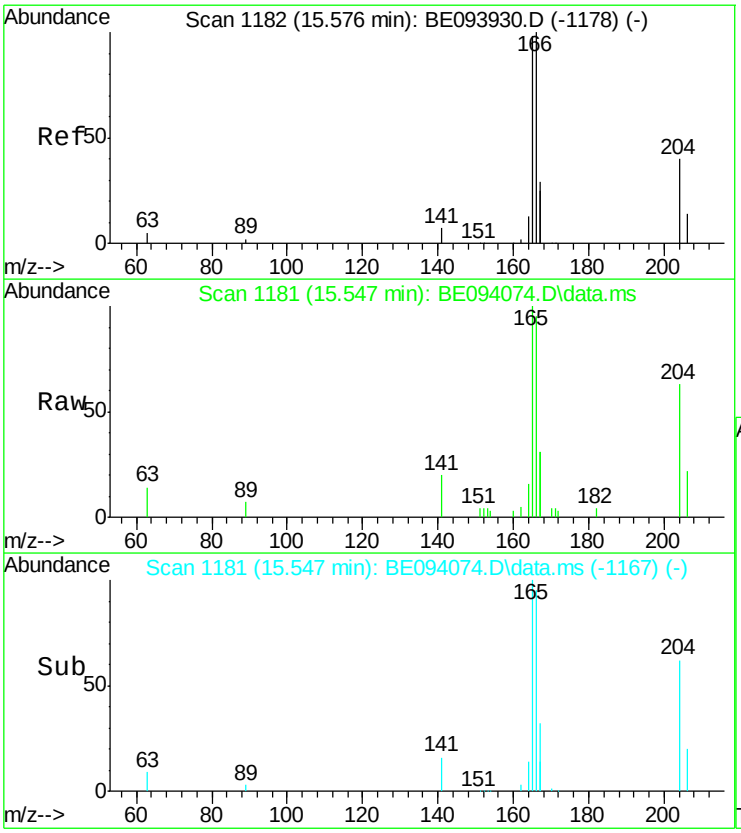
#17
Acenaphthene
Concen: 0.20 ng
RT: 14.569 min Scan# 11
Delta R.T. 0.001 min
Lab File: BE094074.D
Acq: 23 Sep 2017 12:37

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:154 Resp: 1873

Ion	Ratio	Lower	Upper
154	100		
153	116.7	91.8	137.6
152	53.7	44.9	67.3

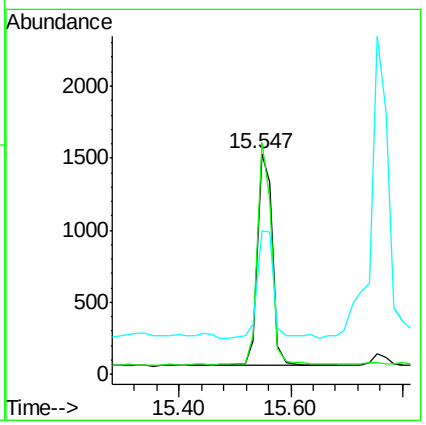


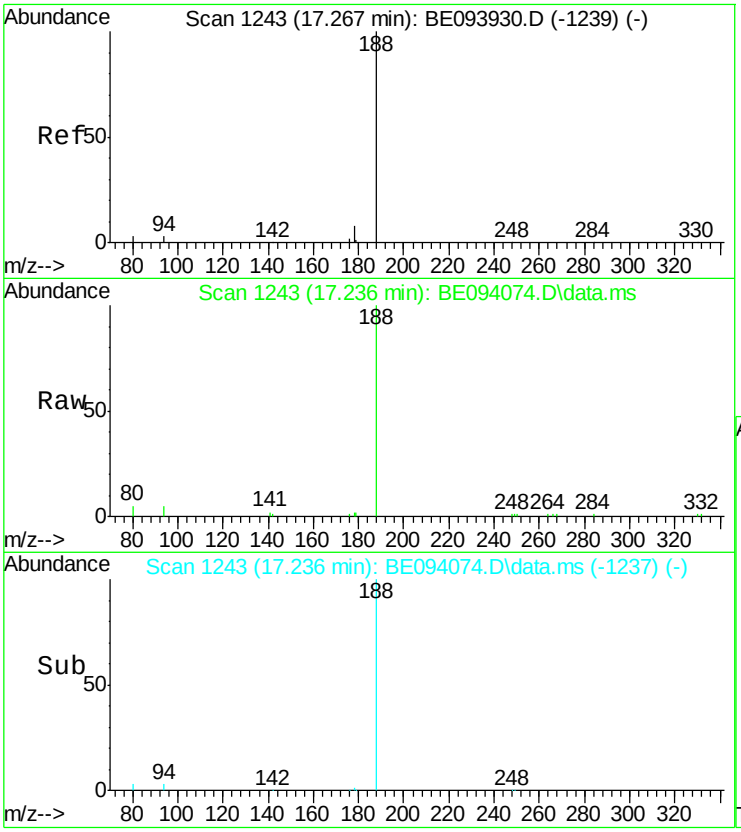


#18
Fluorene
Concen: 0.23 ng
RT: 15.547 min Scan# 1181
Delta R.T. 0.001 min
Lab File: BE094074.D
Acq: 23 Sep 2017 12:37

Tgt Ion:166 Resp: 2783

Ion	Ratio	Lower	Upper
166	100		
165	99.1	79.4	119.0
167	54.9	43.5	65.3



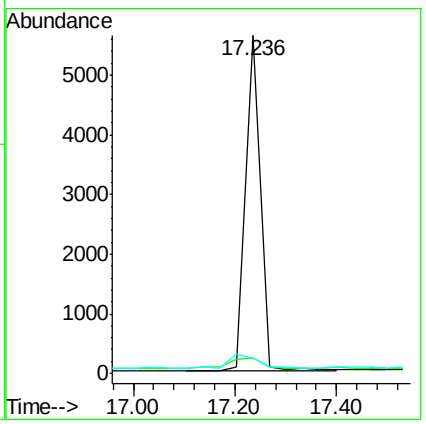


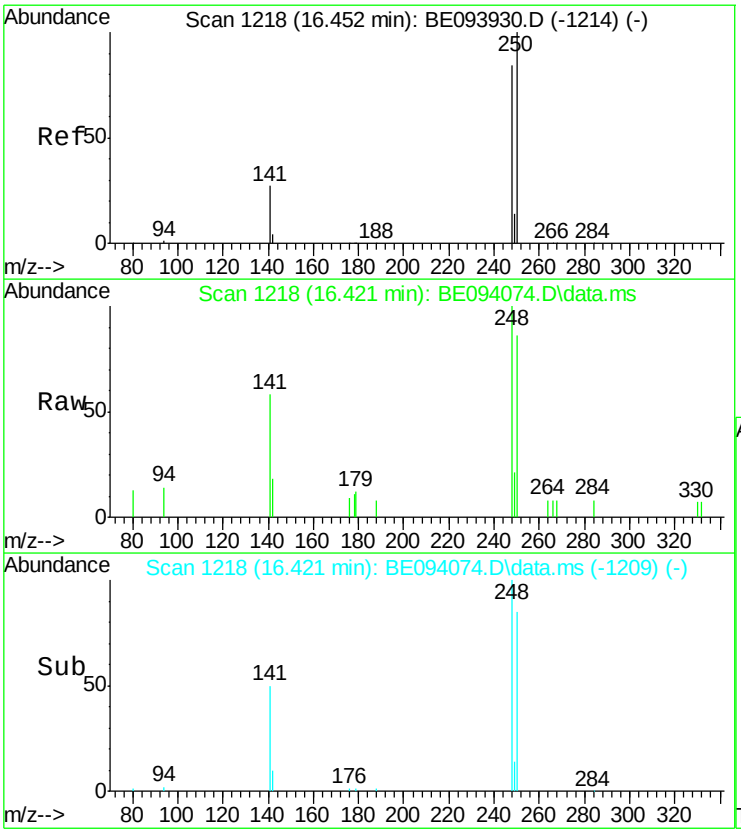
#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.236 min Scan# 12
Delta R.T. 0.001 min
Lab File: BE094074.D
Acq: 23 Sep 2017 12:37

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:188 Resp: 11349

Ion	Ratio	Lower	Upper
188	100		
94	4.8	16.1	24.1#
80	4.6	18.2	27.2#

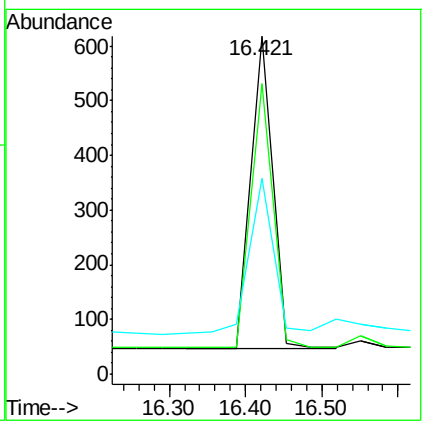


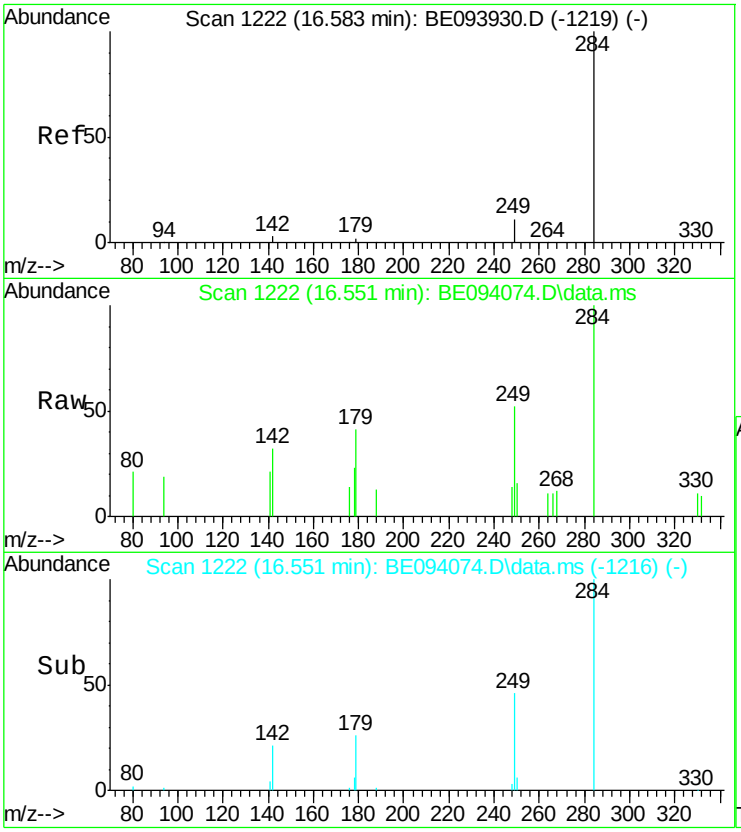


#20
4-Bromophenyl-phenylether
Concen: 0.19 ng
RT: 16.421 min Scan# 1218
Delta R.T. 0.001 min
Lab File: BE094074.D
Acq: 23 Sep 2017 12:37

Tgt Ion:248 Resp: 1152

Ion	Ratio	Lower	Upper
248	100		
250	86.1	111.8	167.8#
141	57.8	27.1	40.7#



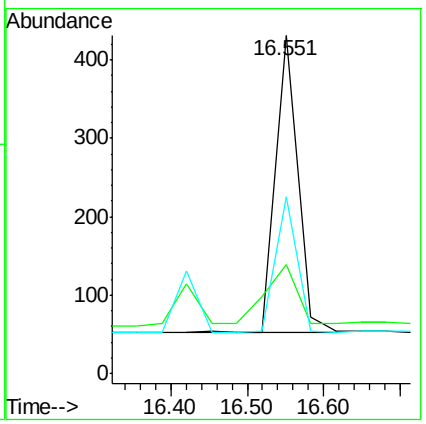


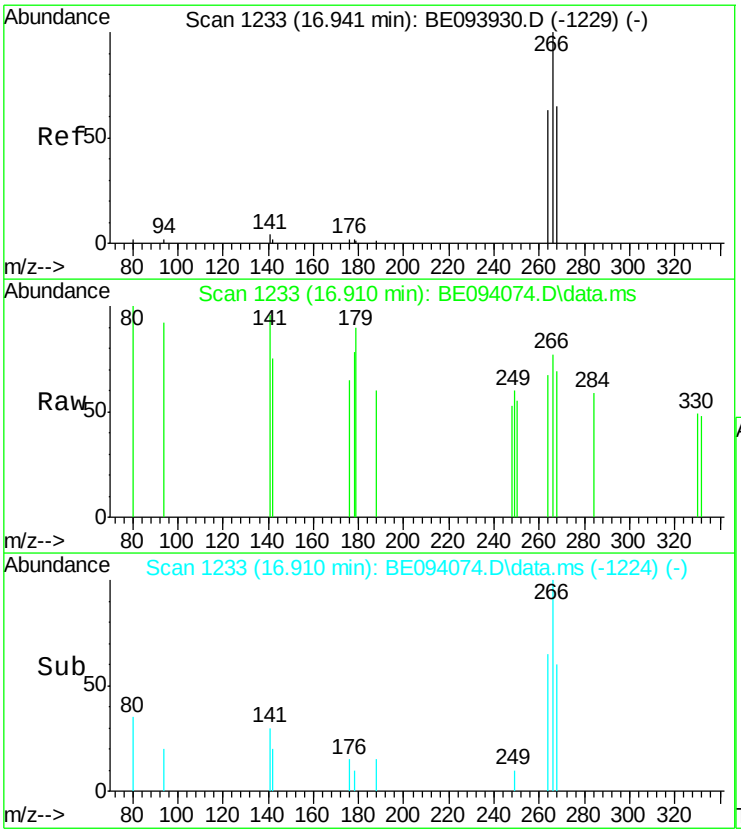
#21
Hexachlorobenzene
Concen: 0.12 ng
RT: 16.551 min Scan# 12
Delta R.T. 0.001 min
Lab File: BE094074.D
Acq: 23 Sep 2017 12:37

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:284 Resp: 790

Ion	Ratio	Lower	Upper
284	100		
142	27.7	0.0	0.0#
249	44.1	0.0	0.0#

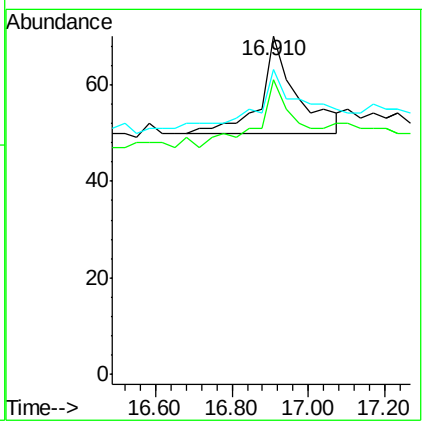


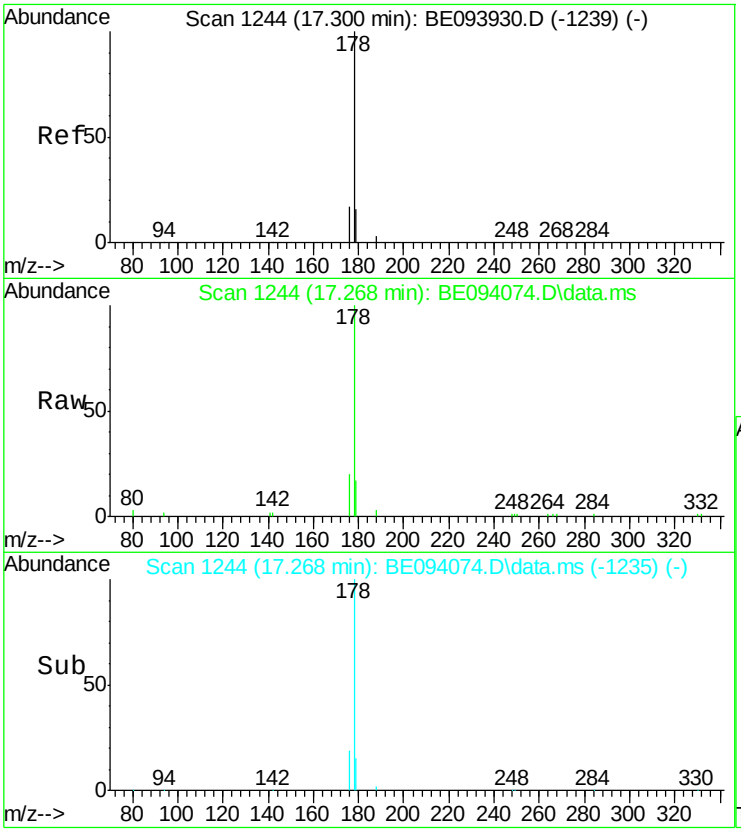


#22
Pentachlorophenol
Concen: 0.07 ng
RT: 16.910 min Scan# 1233
Delta R.T. 0.001 min
Lab File: BE094074.D
Acq: 23 Sep 2017 12:37

Tgt Ion:266 Resp: 129

Ion	Ratio	Lower	Upper
266	100		
264	87.1	53.5	80.3#
268	90.0	60.0	90.0



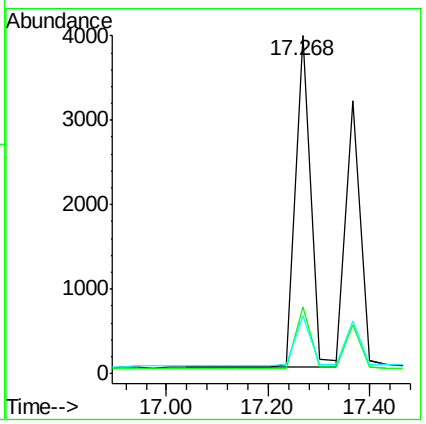


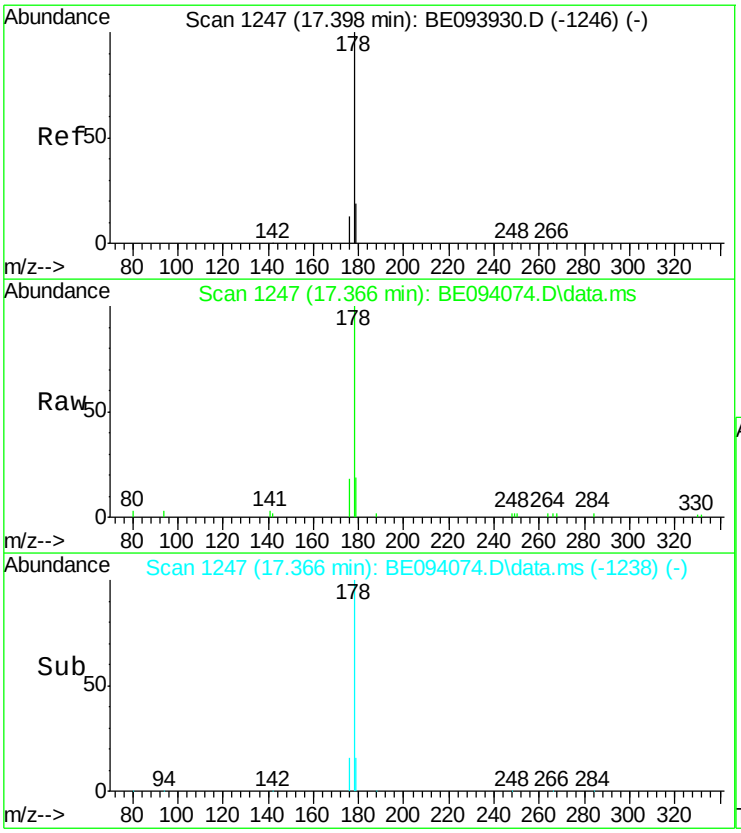
#23
Phenanthrene
Concen: 0.22 ng
RT: 17.268 min Scan# 12
Delta R.T. 0.001 min
Lab File: BE094074.D
Acq: 23 Sep 2017 12:37

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:178 Resp: 8161

Ion	Ratio	Lower	Upper
178	100		
176	18.9	0.0	0.0#
179	15.3	12.6	18.8

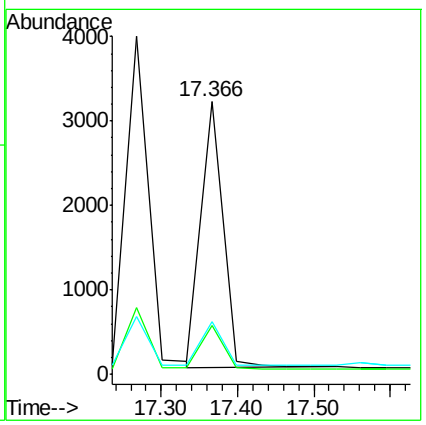


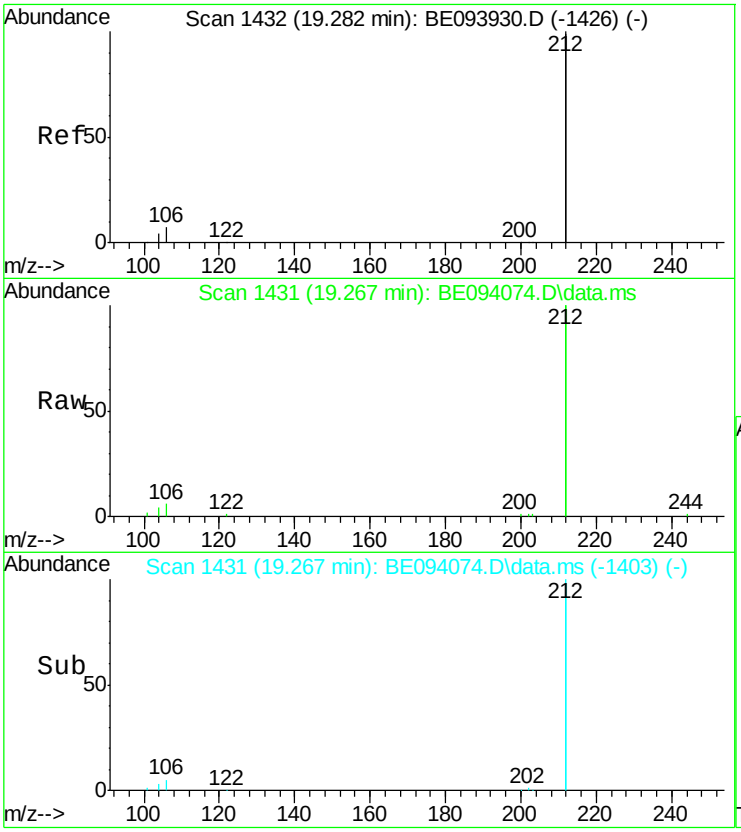


#24
Anthracene
Concen: 0.18 ng
RT: 17.366 min Scan# 1247
Delta R.T. 0.001 min
Lab File: BE094074.D
Acq: 23 Sep 2017 12:37

Tgt Ion:178 Resp: 6366

Ion	Ratio	Lower	Upper
178	100		
176	16.1	16.0	24.0
179	16.4	0.0	0.0#



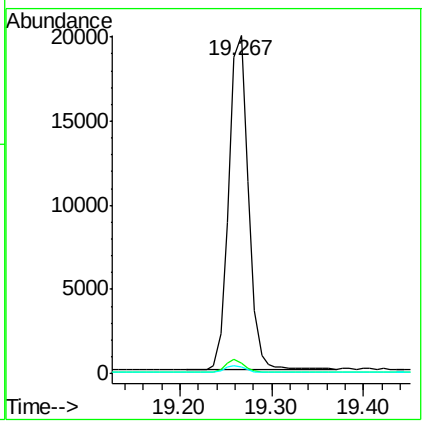


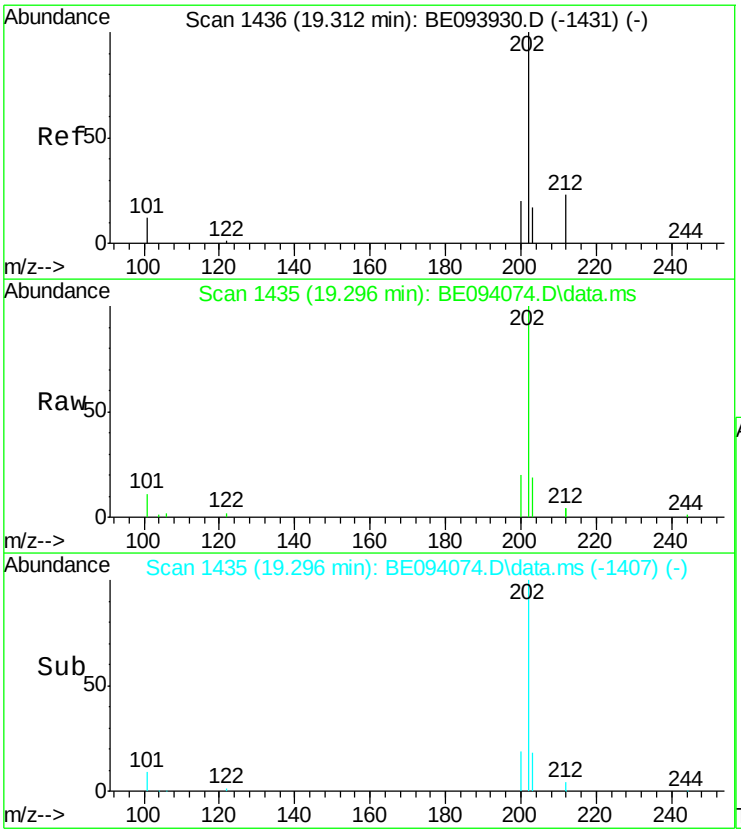
#25
Fluoranthene-d10
Concen: 0.17 ng
RT: 19.267 min Scan# 14
Delta R.T. 0.007 min
Lab File: BE094074.D
Acq: 23 Sep 2017 12:37

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:212 Resp: 29391

Ion	Ratio	Lower	Upper
212	100		
106	3.5	2.7	4.1
104	2.0	1.6	2.4

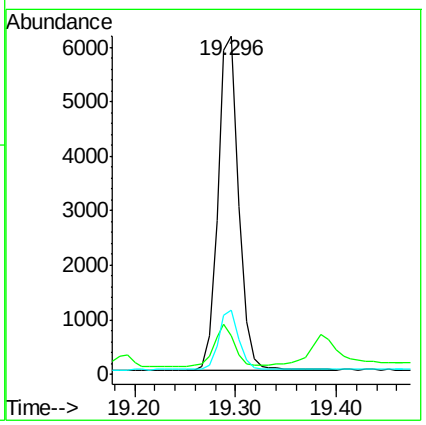


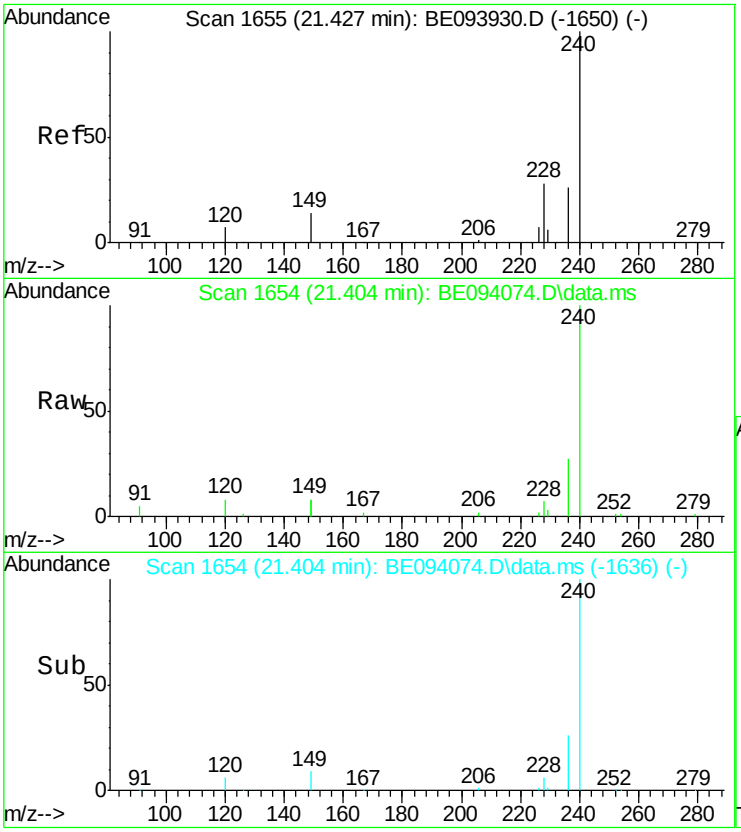


#26
Fluoranthene
Concen: 0.17 ng
RT: 19.296 min Scan# 1435
Delta R.T. 0.007 min
Lab File: BE094074.D
Acq: 23 Sep 2017 12:37

Tgt Ion:202 Resp: 8769

Ion	Ratio	Lower	Upper
202	100		
101	13.4	9.7	14.5
203	17.3	13.7	20.5



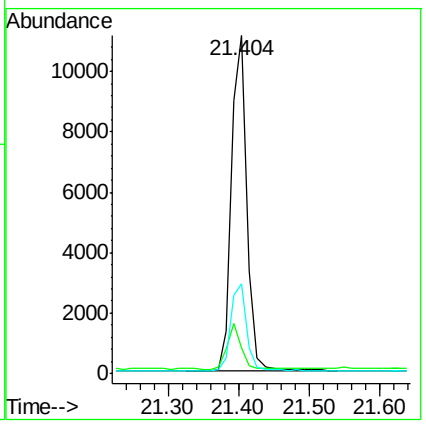


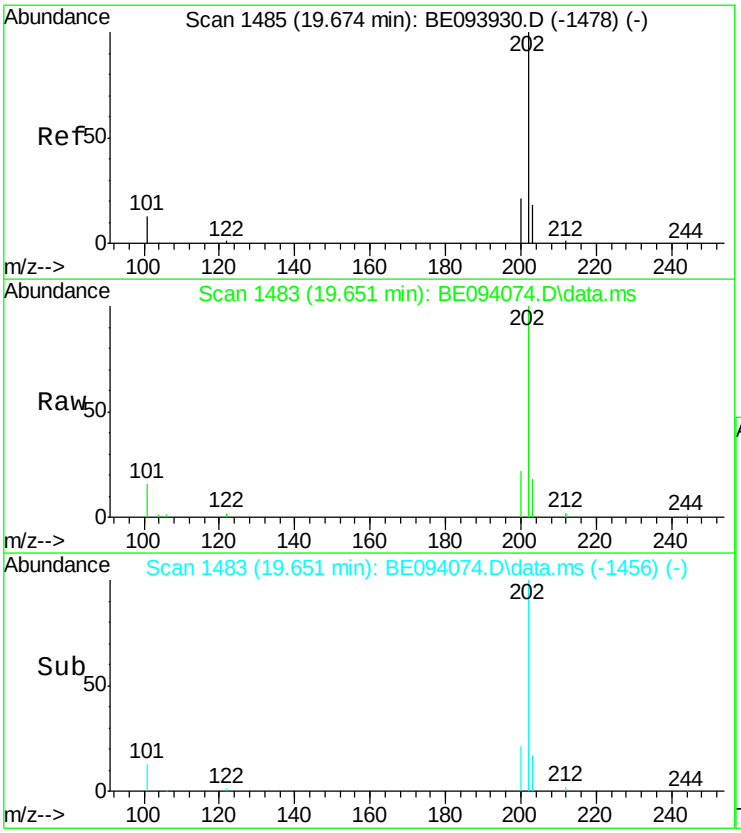
#27
Chrysene-d12
Concen: 0.40 ng
RT: 21.404 min Scan# 16
Delta R.T. -0.001 min
Lab File: BE094074.D
Acq: 23 Sep 2017 12:37

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:240 Resp: 17070

Ion	Ratio	Lower	Upper
240	100		
120	7.7	8.7	13.1#
236	26.5	21.3	31.9

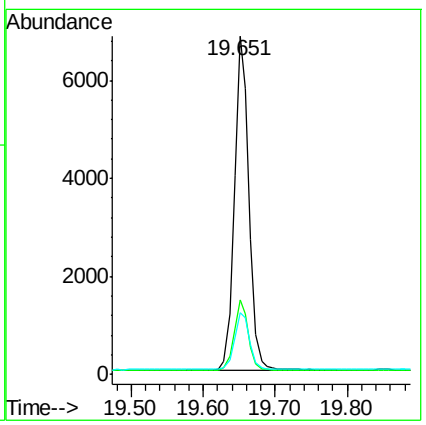


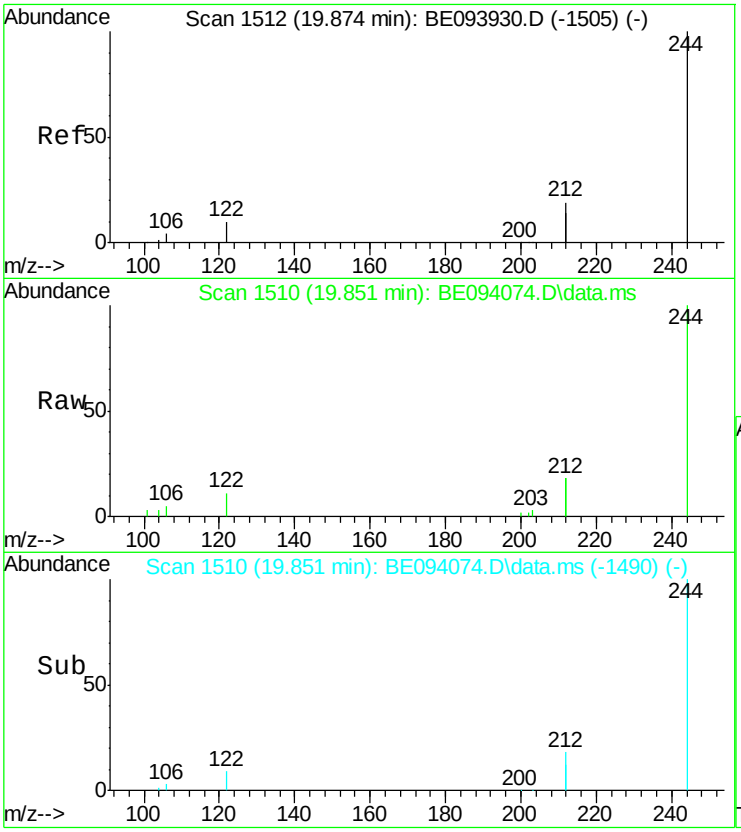


#28
Pyrene
Concen: 0.16 ng
RT: 19.651 min Scan# 1483
Delta R.T. -0.001 min
Lab File: BE094074.D
Acq: 23 Sep 2017 12:37

Tgt Ion:202 Resp: 9674

Ion	Ratio	Lower	Upper
202	100		
200	20.7	16.6	24.8
203	17.8	14.2	21.4



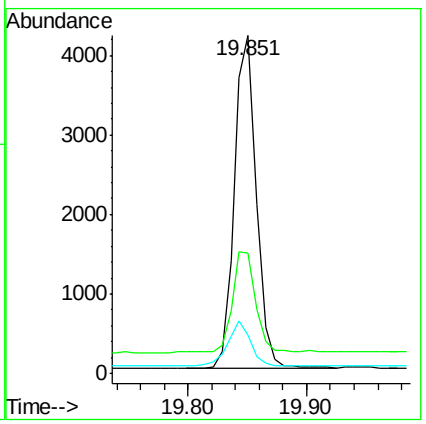


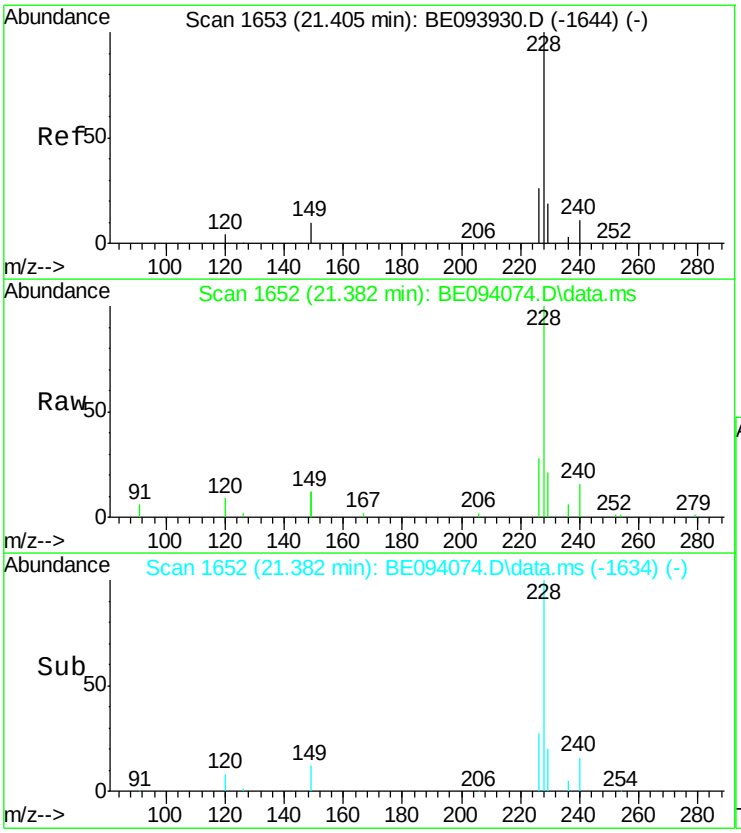
#29
Terphenyl-d14
Concen: 0.17 ng
RT: 19.851 min Scan# 15
Delta R.T. -0.001 min
Lab File: BE094074.D
Acq: 23 Sep 2017 12:37

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:244 Resp: 5475

Ion	Ratio	Lower	Upper
244	100		
212	35.7	28.3	42.5
122	11.3	9.4	14.0

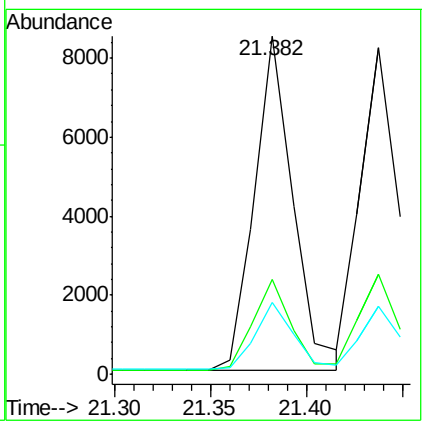


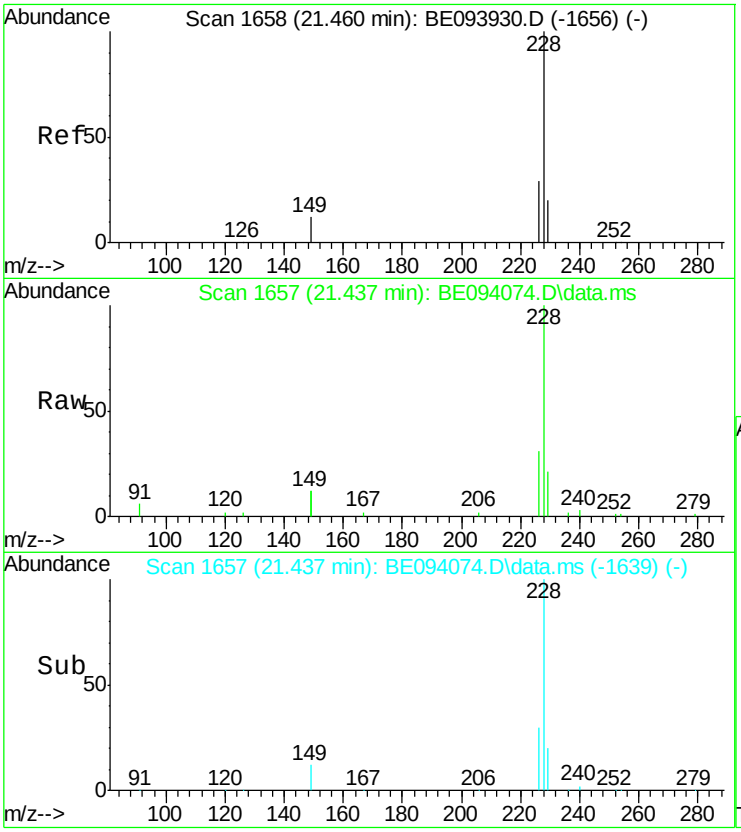


#30
Benzo(a)anthracene
Concen: 0.22 ng
RT: 21.382 min Scan# 1652
Delta R.T. -0.001 min
Lab File: BE094074.D
Acq: 23 Sep 2017 12:37

Tgt Ion:228 Resp: 11727

Ion	Ratio	Lower	Upper
228	100		
226	27.9	20.8	31.2
229	21.1	16.6	25.0



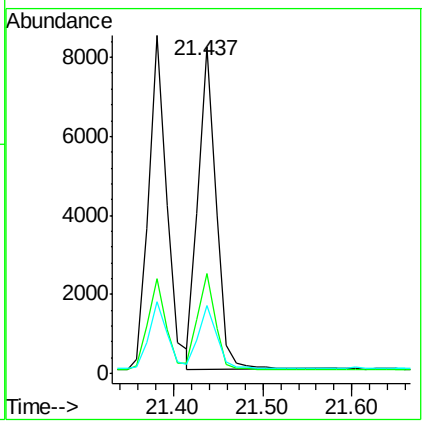


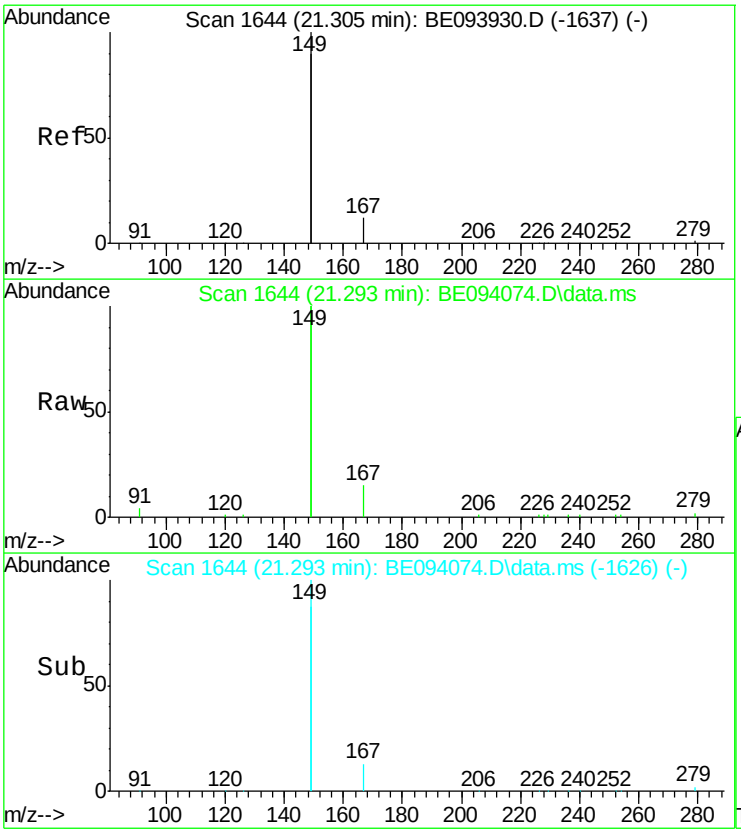
#31
Chrysene
Concen: 0.20 ng
RT: 21.437 min Scan# 16
Delta R.T. -0.001 min
Lab File: BE094074.D
Acq: 23 Sep 2017 12:37

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:228 Resp: 11296

Ion	Ratio	Lower	Upper
228	100		
226	30.8	24.6	37.0
229	20.8	15.8	23.8

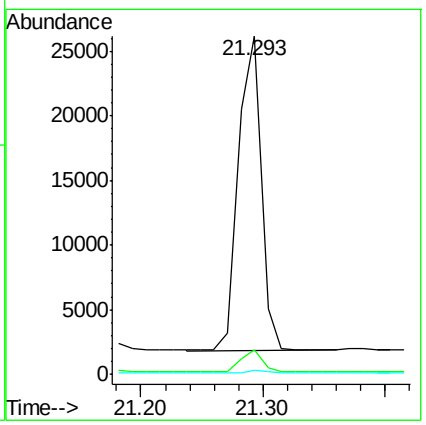


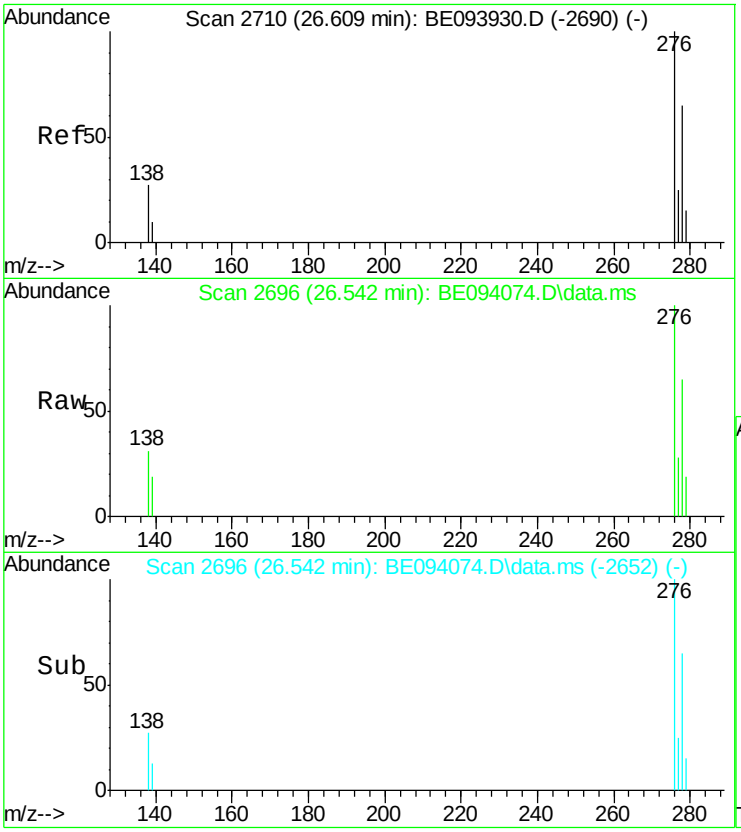


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.25 ng
RT: 21.293 min Scan# 1644
Delta R.T. -0.001 min
Lab File: BE094074.D
Acq: 23 Sep 2017 12:37

Tgt Ion:149 Resp: 32094

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



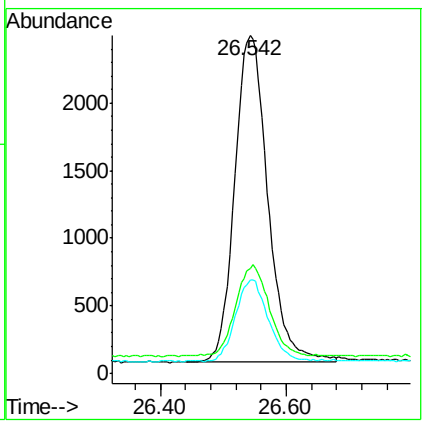


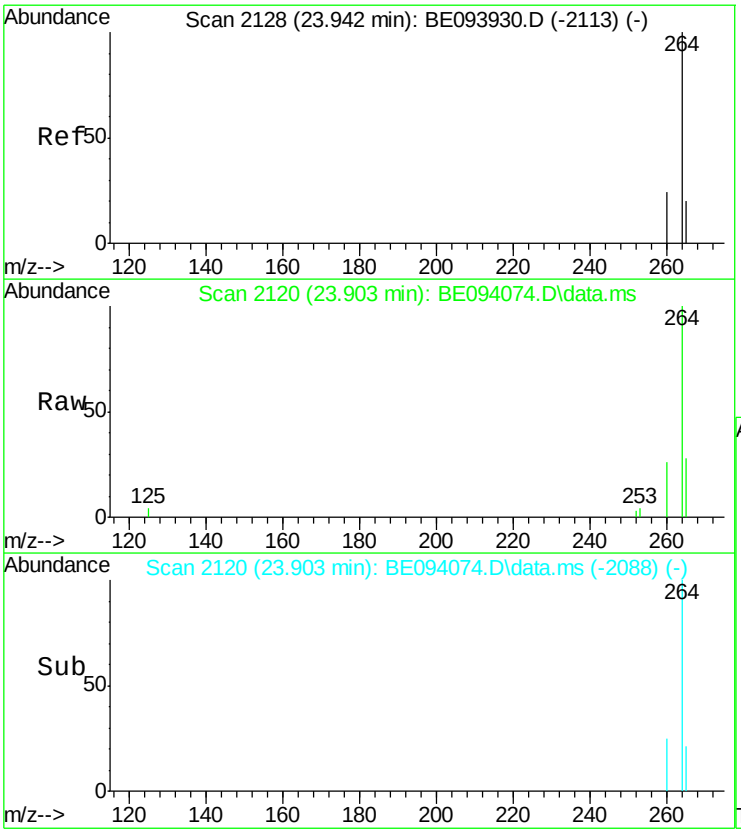
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.24 ng
RT: 26.542 min Scan# 26
Delta R.T. 0.002 min
Lab File: BE094074.D
Acq: 23 Sep 2017 12:37

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 8853

Ion	Ratio	Lower	Upper
276	100		
138	27.6	22.2	33.2
277	24.7	19.5	29.3

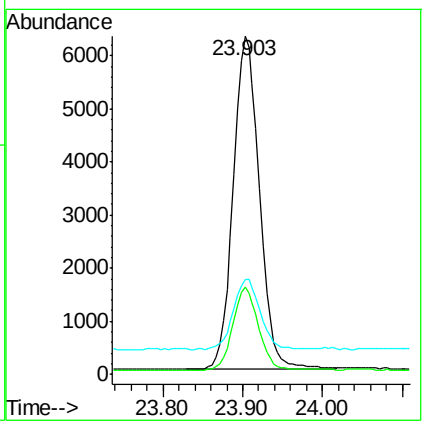


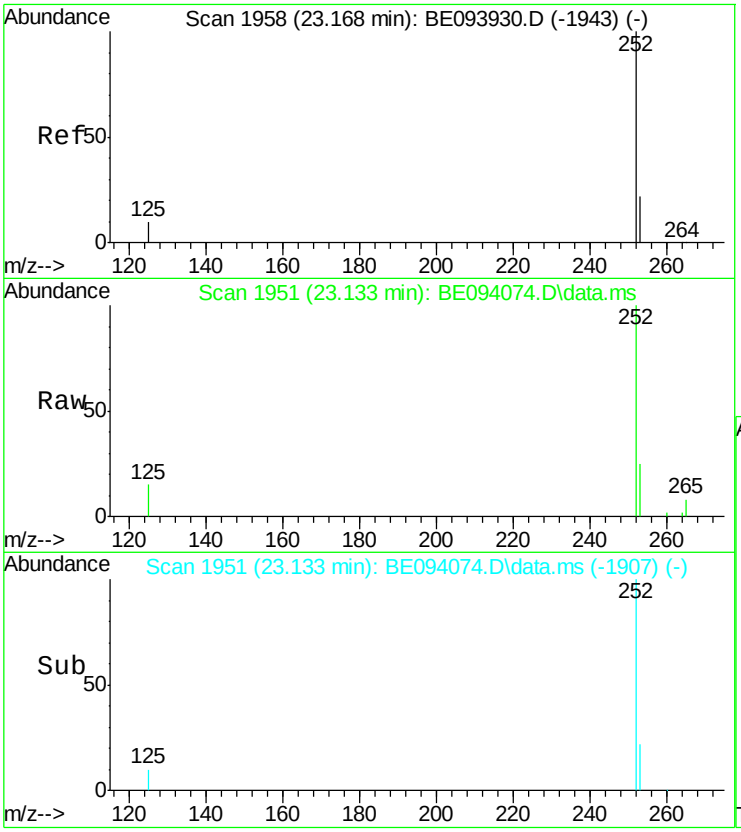


#34
Perylene-d12
Concen: 0.40 ng
RT: 23.903 min Scan# 2120
Delta R.T. -0.003 min
Lab File: BE094074.D
Acq: 23 Sep 2017 12:37

Tgt Ion:264 Resp: 14327

Ion	Ratio	Lower	Upper
264	100		
260	25.8	20.0	30.0
265	28.1	24.0	36.0



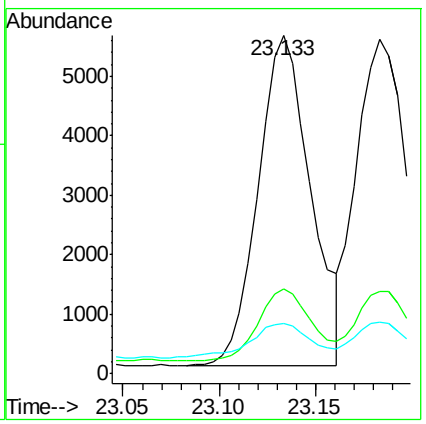


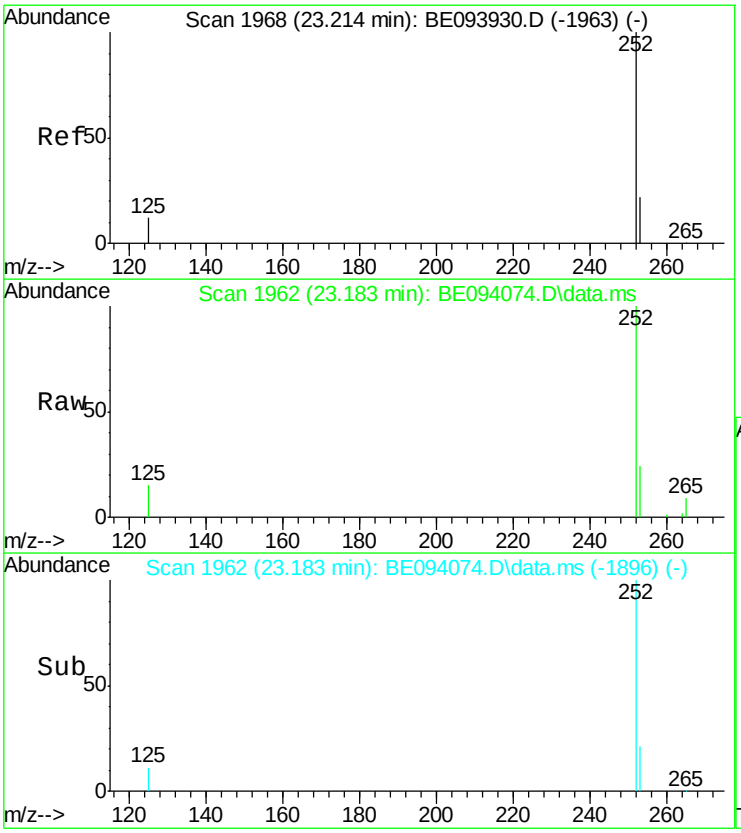
#35
Benzo(b)fluoranthene
Concen: 0.23 ng
RT: 23.133 min Scan# 19
Delta R.T. 0.001 min
Lab File: BE094074.D
Acq: 23 Sep 2017 12:37

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 10507

Ion	Ratio	Lower	Upper
252	100		
253	25.2	19.4	29.0
125	14.9	10.0	15.0

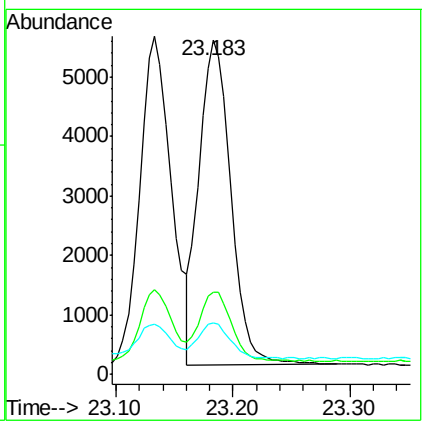


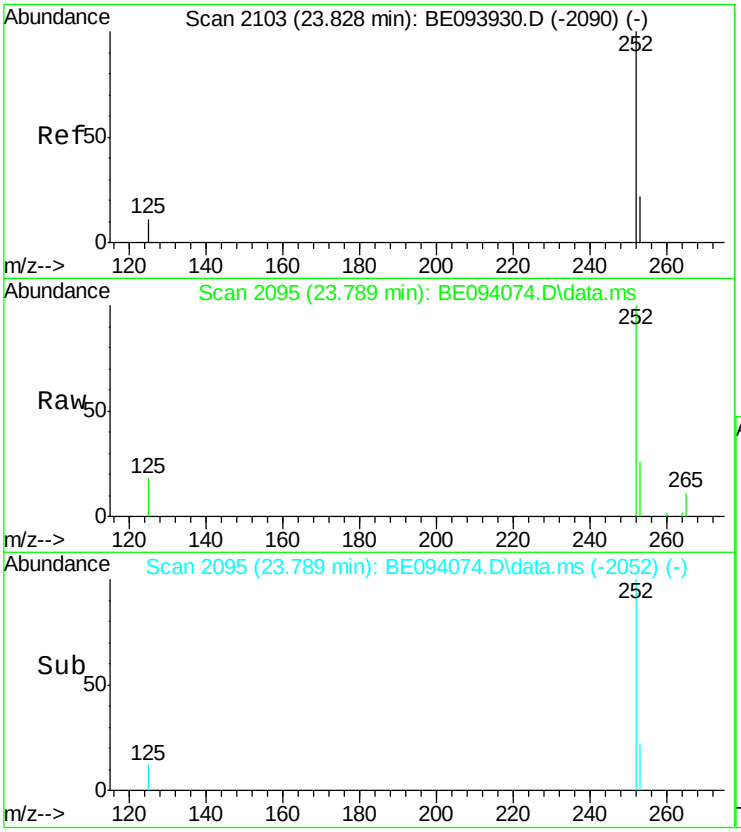


#36
Benzo(k)fluoranthene
Concen: 0.19 ng
RT: 23.183 min Scan# 1962
Delta R.T. 0.001 min
Lab File: BE094074.D
Acq: 23 Sep 2017 12:37

Tgt Ion:252 Resp: 10346

Ion	Ratio	Lower	Upper
252	100		
253	24.3	18.1	27.1
125	15.2	9.8	14.6#



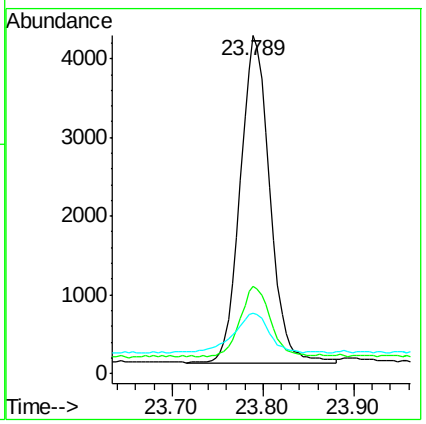


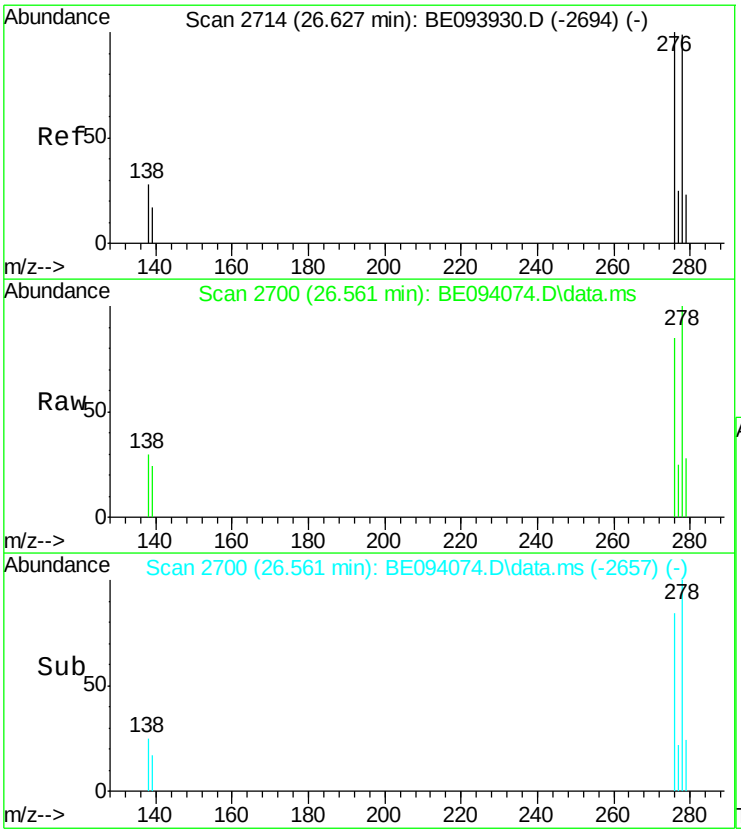
#37
Benzo(a)pyrene
Concen: 0.20 ng
RT: 23.789 min Scan# 20
Delta R.T. -0.003 min
Lab File: BE094074.D
Acq: 23 Sep 2017 12:37

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 9381

Ion	Ratio	Lower	Upper
252	100		
253	25.6	19.6	29.4
125	17.9	11.8	17.8#

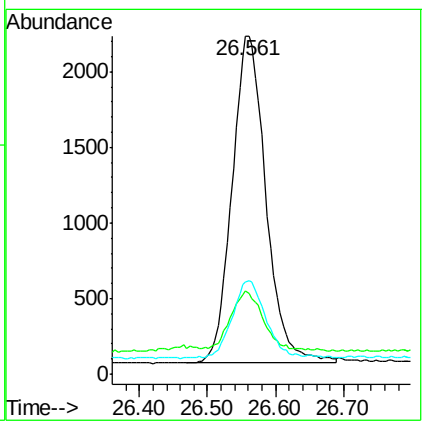


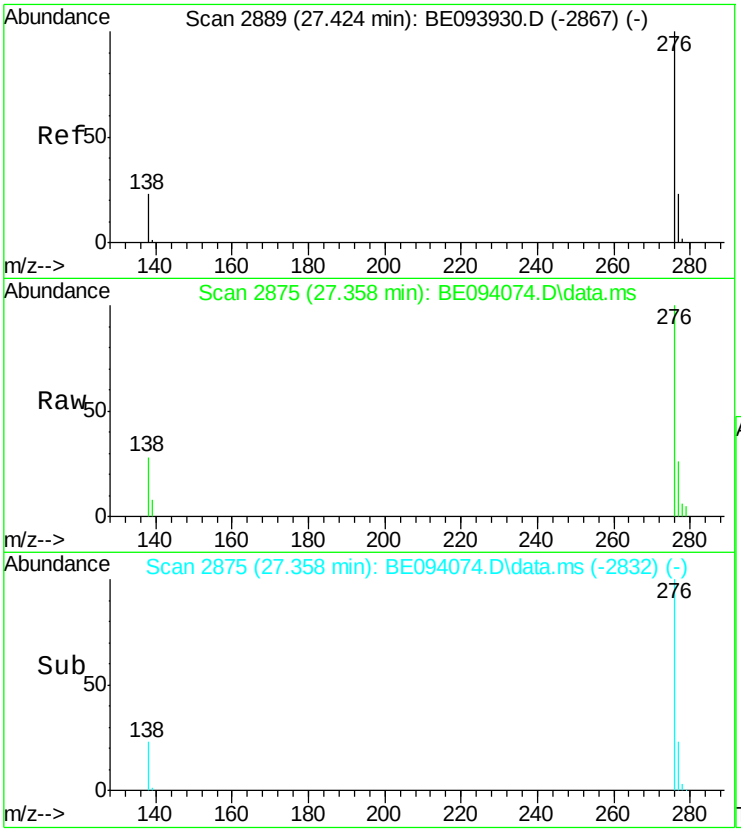


#38
Dibenzo(a,h)anthracene
Concen: 0.24 ng
RT: 26.561 min Scan# 2700
Delta R.T. -0.003 min
Lab File: BE094074.D
Acq: 23 Sep 2017 12:37

Tgt Ion:278 Resp: 7471

Ion	Ratio	Lower	Upper
278	100		
139	23.7	16.7	25.1
279	27.8	21.6	32.4





#39
Benzo(g,h,i)perylene
Concen: 0.23 ng
RT: 27.358 min Scan# 28
Delta R.T. -0.003 min
Lab File: BE094074.D
Acq: 23 Sep 2017 12:37

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 7523

Ion	Ratio	Lower	Upper
276	100		
277	26.0	20.6	30.8
138	28.1	21.9	32.9