Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA E\DATA\BE120517\
Data File : BE094923.D
Acq On : 5 Dec 2017 20:15
Operator : SJ/JU
Sample : I6698-04MS
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
FT-MW08I-20171129MS

Manual Integrations APPROVED
Sohil
12/6/2017 5:10:18 PM

Quant Time: Dec 06 06:43:20 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	8895	0.40	ng		0.00
7) Naphthalene-d8	11.33	136	20137	0.40	ng		0.00
13) Acenaphthene-d10	15.08	164	12247	0.40	ng		0.00
19) Phenanthrene-d10	17.79	188	26259	0.40	ng		0.01
27) Chrysene-d12	21.89	240	25610m	0.40	ng		0.00
34) Perylene-d12	24.57	264	22322	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.95	112	2679	0.19	ng		0.00
5) Phenol-d6	7.59	99	2740	0.13	ng		0.00
8) Nitrobenzene-d5	9.66	82	4522	0.38	ng		0.00
11) 2-Methylnaphthalene-d10	12.87	152	12917	0.40	ng		0.00
14) 2,4,6-Tribromophenol	16.53	330	1499	0.55	ng		0.00
15) 2-Fluorobiphenyl	13.71	172	25506	0.49	ng		0.00
25) Fluoranthene-d10	19.76	212	141197	0.39	ng		0.00
29) Terphenyl-d14	20.33	244	28703	0.61	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.68	88	1581	0.170	ng	#	59
3) n-Nitrosodimethylamine	4.02	42	2277	0.192	ng	#	77
6) bis(2-Chloroethyl)ether	7.88	93	8686	0.420	ng		100
9) Naphthalene	11.38	128	104834	0.444	ng		100
10) Hexachlorobutadiene	11.64	225	4195	0.421	ng		97
12) 2-Methylnaphthalene	12.94	142	26716	0.455	ng		95
16) Acenaphthylene	14.79	152	28720	0.415	ng	#	94
17) Acenaphthene	15.14	154	17675	0.395	ng		94
18) Fluorene	16.10	166	22913	0.403	ng	#	79
20) 4-Bromophenyl-phenylether	16.98	248	6653	0.454	ng	#	76
21) Hexachlorobenzene	17.10	284	6124	0.429	ng	#	72
22) Pentachlorophenol	17.43	266	5733	1.345	ng	#	72
23) Phenanthrene	17.82	178	36532	0.437	ng		94
24) Anthracene	17.91	178	36384m	0.410	ng		
26) Fluoranthene	19.79	202	45541	0.423	ng		99
28) Pyrene	20.14	202	55833	0.631	ng		95
30) Benzo(a)anthracene	21.87	228	40811	0.520	ng	#	63
31) Chrysene	21.92	228	36093m	0.416	ng		
32) Bis(2-ethylhexyl)phthalate	21.76	149	93544	0.719	ng		100
33) Indeno(1,2,3-cd)pyrene	27.44	276	34609	0.487	ng		98
35) Benzo(b)fluoranthene	23.74	252	35387	0.434	ng	#	41
36) Benzo(k)fluoranthene	23.79	252	34238	0.412	ng	#	41
37) Benzo(a)pyrene	24.45	252	32631	0.457	ng	#	34
38) Dibenzo(a,h)anthracene	27.47	278	28202	0.427	ng	#	43
39) Benzo(g,h,i)perylene	28.34	276	29373	0.446	ng	#	52

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

Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA E\DATA\BE120517\
Data File : BE094923.D
Acq On : 5 Dec 2017 20:15
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 01 13:33:28 2017
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Instrument :
BNA_E
ClientSampleId :
FT-MW08I-20171129MS

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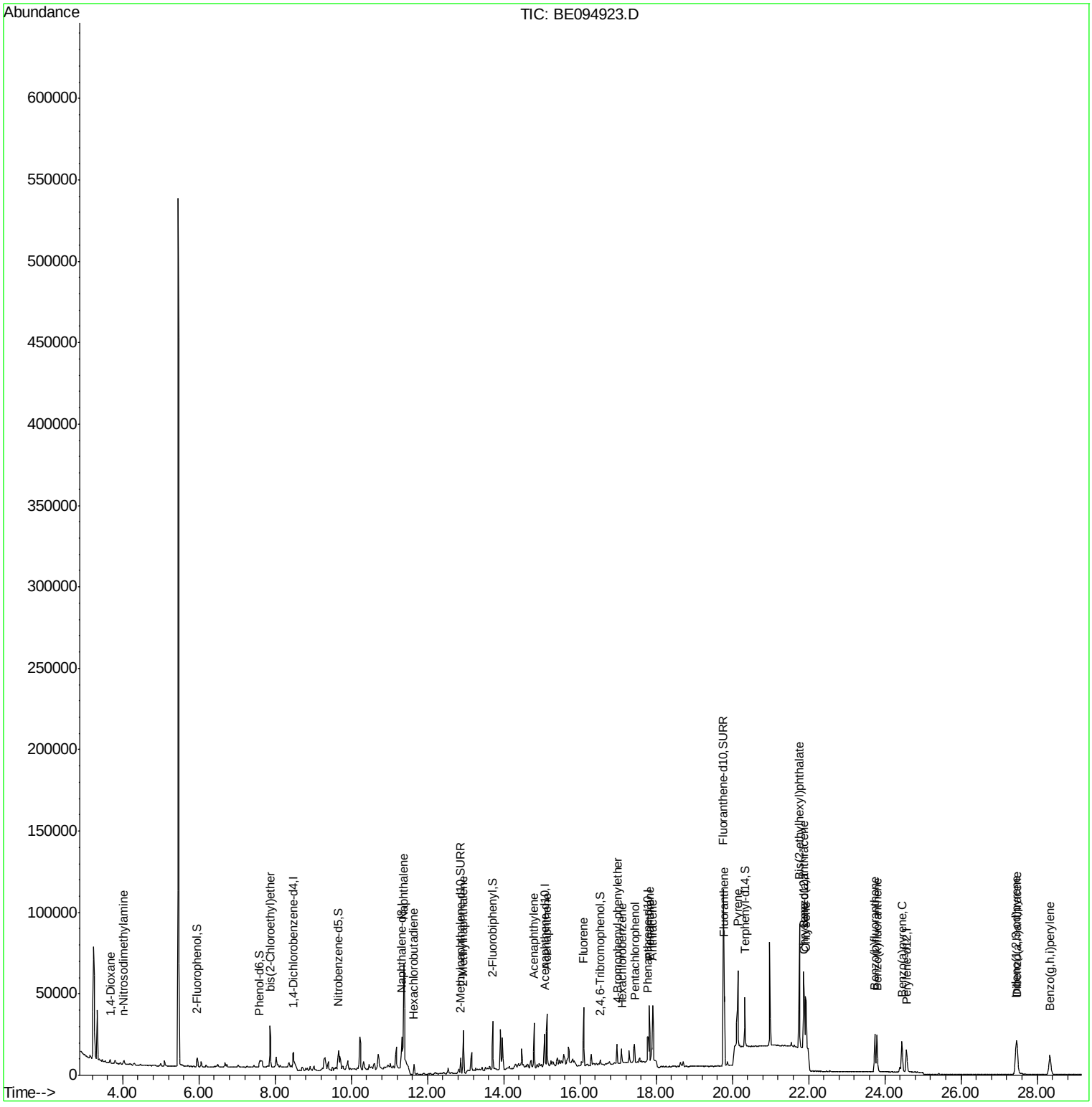
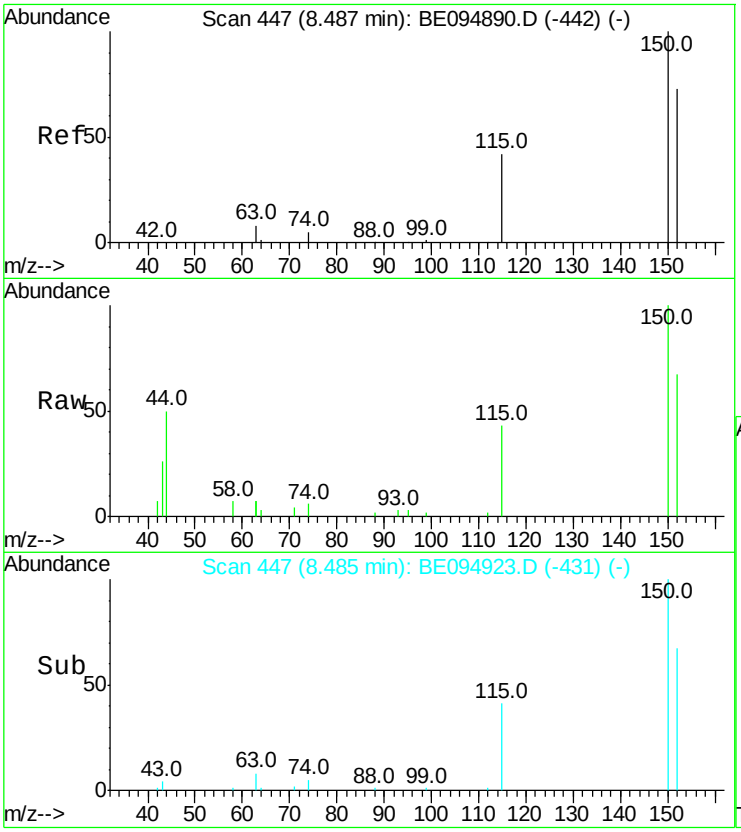
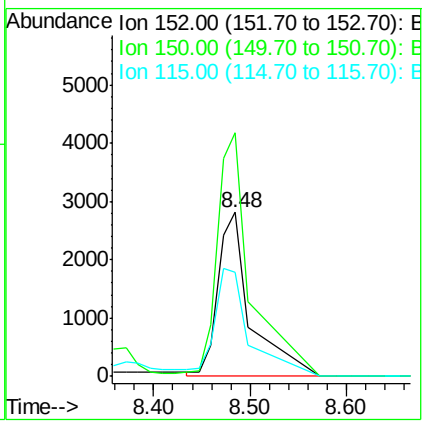




#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.48 min Scan# 447
Delta R.T. -0.00 min
Lab File: BE094923.D
Acq: 5 Dec 2017 20:15

Tgt Ion:152 Resp: 8895

Ion	Ratio	Lower	Upper
152	100		
150	148.6	117.2	175.8
115	63.6	57.0	85.6



Instrument :
BNA_E
ClientSampleId :
FT-MW08I-20171129MS

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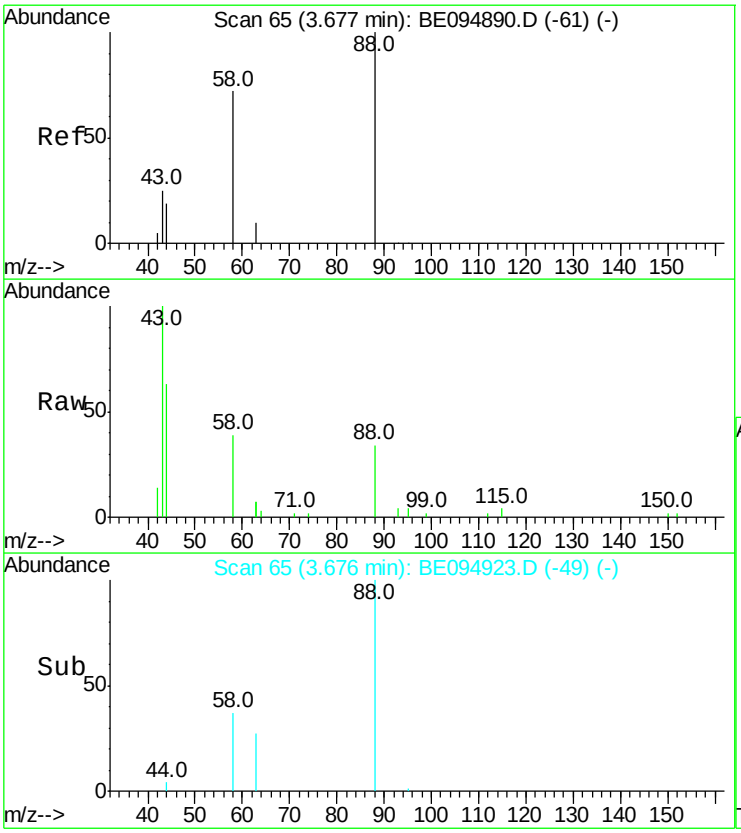
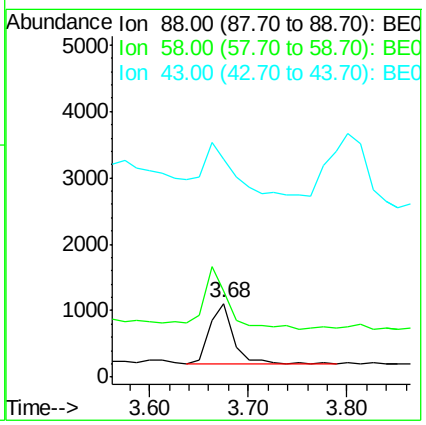
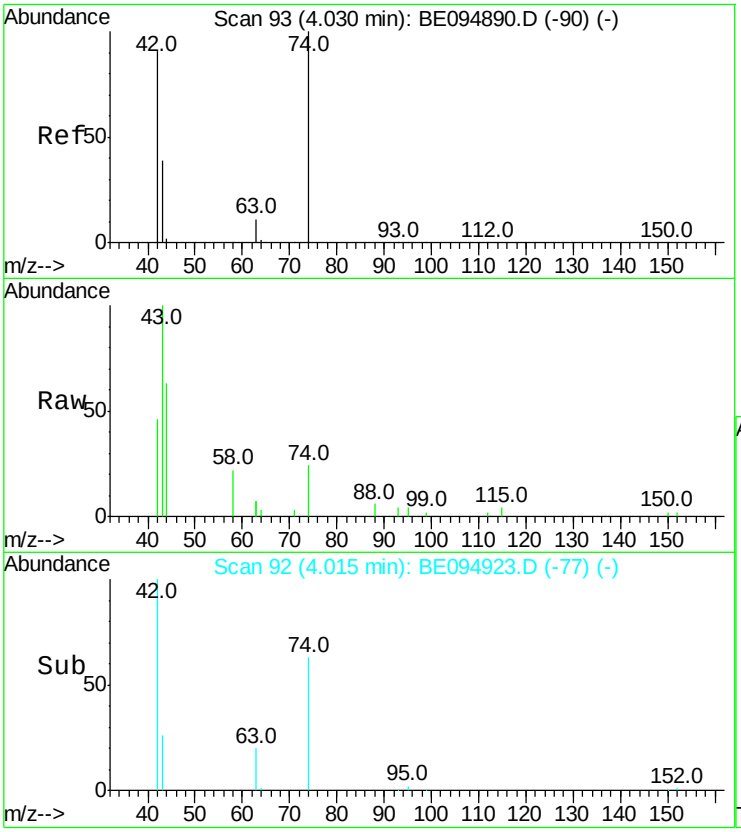


#2
1,4-Dioxane
Concen: 0.170 ng
RT: 3.68 min Scan# 65
Delta R.T. -0.00 min
Lab File: BE094923.D
Acq: 5 Dec 2017 20:15

Tgt Ion: 88 Resp: 1581

Ion	Ratio	Lower	Upper
88	100		
58	98.3	63.2	94.8#
43	99.9	41.2	61.8#

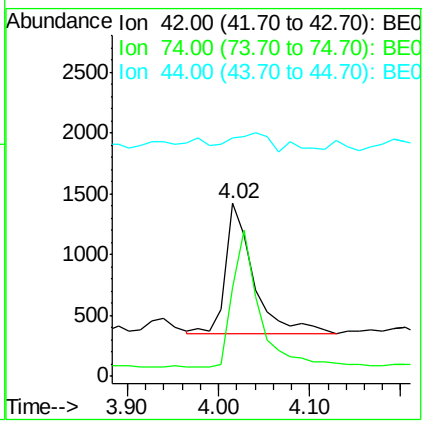




#3
n-Nitrosodimethylamine
Concen: 0.192 ng
RT: 4.02 min Scan# 92
Delta R.T. -0.01 min
Lab File: BE094923.D
Acq: 5 Dec 2017 20:15

Tgt Ion: 42 Resp: 2277

Ion	Ratio	Lower	Upper
42	100		
74	102.9	100.3	150.5
44	0.0	17.0	25.4#



Instrument :
BNA_E
ClientSampleId :
FT-MW08I-20171129MS

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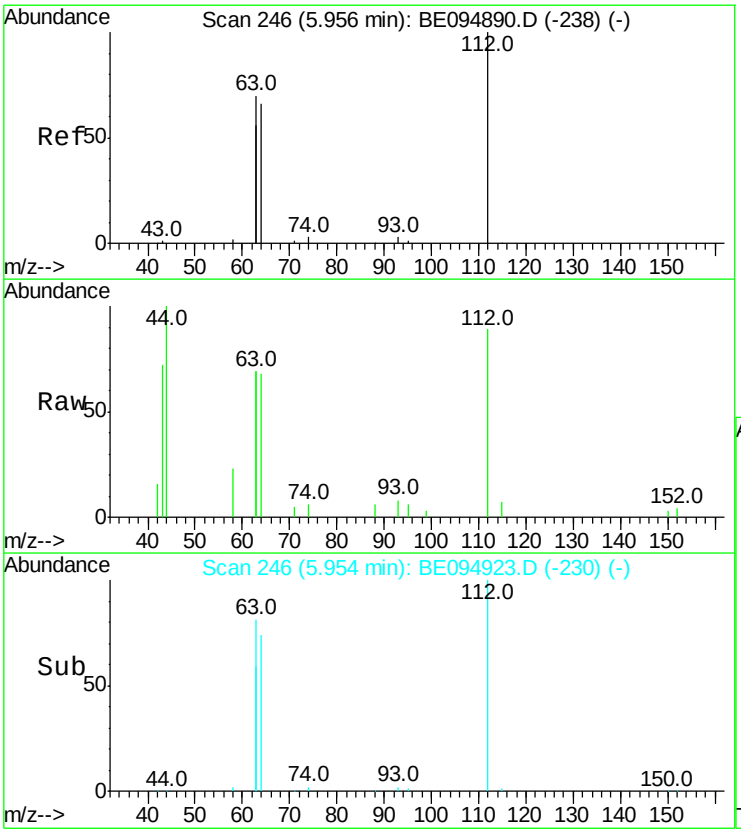
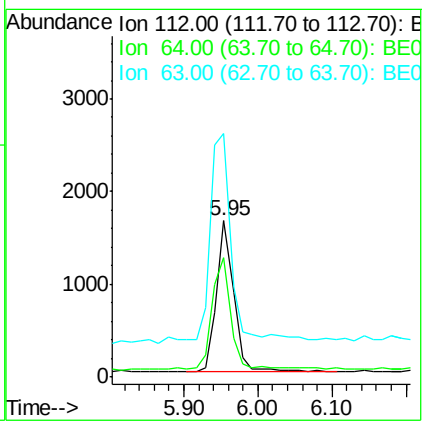
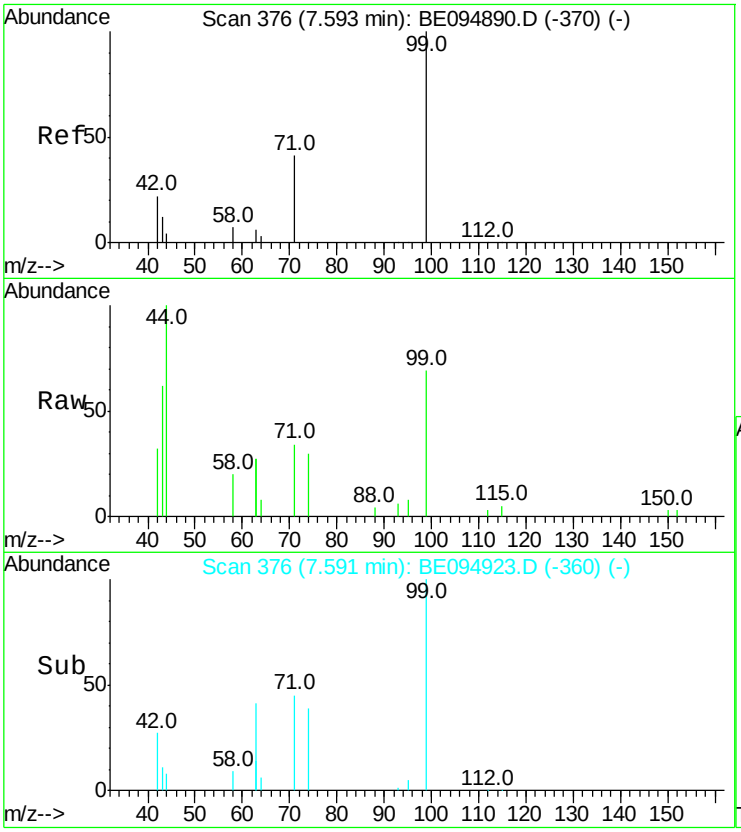


#4
2-Fluorophenol
Concen: 0.190 ng
RT: 5.95 min Scan# 246
Delta R.T. -0.00 min
Lab File: BE094923.D
Acq: 5 Dec 2017 20:15

Tgt Ion:112 Resp: 2679

Ion	Ratio	Lower	Upper
112	100		
64	80.6	60.1	90.1
63	164.3	116.8	175.2





#5
Phenol-d6
Concen: 0.131 ng
RT: 7.59 min Scan# 376
Delta R.T. -0.00 min
Lab File: BE094923.D
Acq: 5 Dec 2017 20:15

Tgt Ion: 99 Resp: 2740

Ion	Ratio	Lower	Upper
99	100		
42	45.8	20.2	30.2#
71	41.8	28.4	42.6

Instrument :
BNA_E
ClientSampleId :
FT-MW08I-20171129MS

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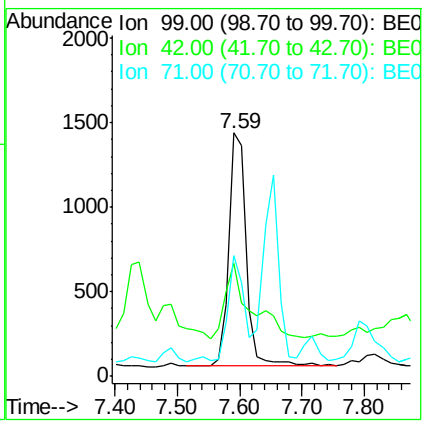
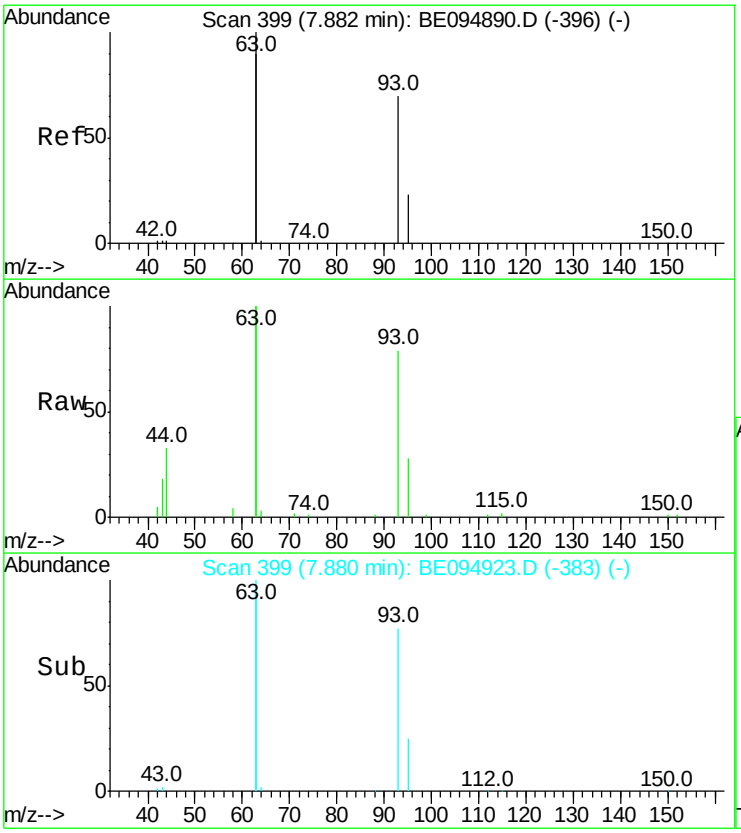
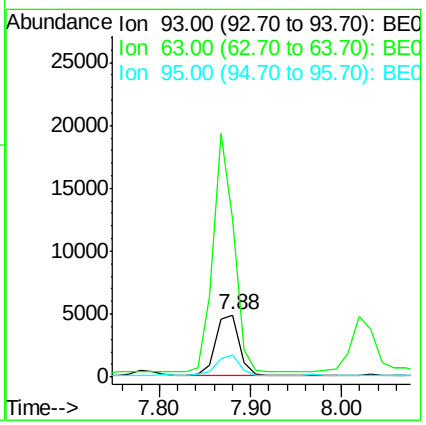


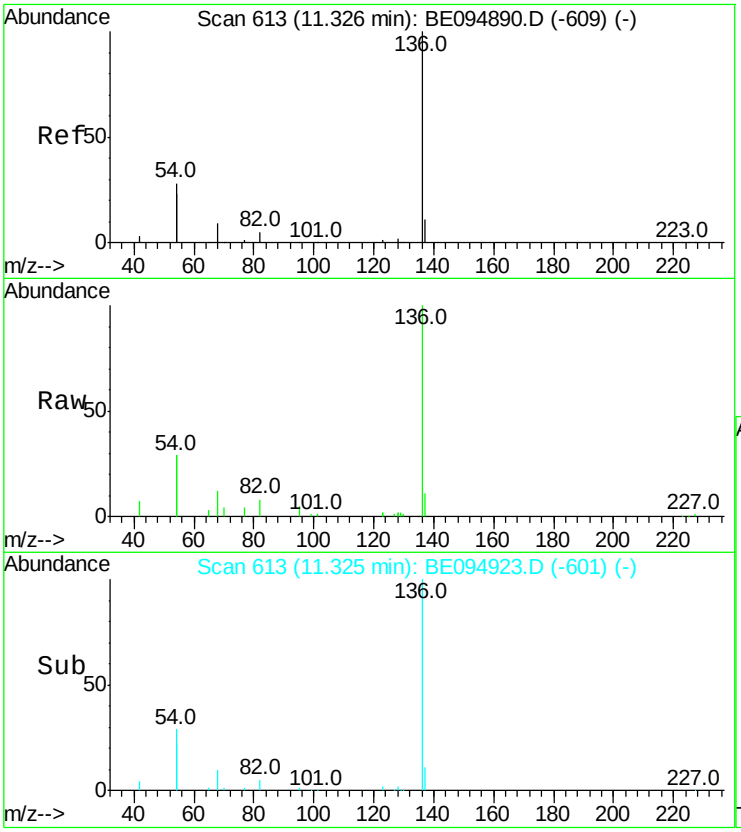


#6
bis(2-Chloroethyl)ether
Concen: 0.420 ng
RT: 7.88 min Scan# 399
Delta R.T. -0.00 min
Lab File: BE094923.D
Acq: 5 Dec 2017 20:15

Tgt Ion: 93 Resp: 8686

Ion	Ratio	Lower	Upper
93	100		
63	344.5	275.3	412.9
95	33.3	25.2	37.8

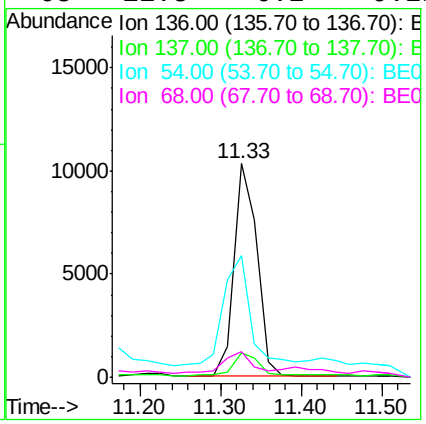




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 11.33 min Scan# 613
Delta R.T. -0.00 min
Lab File: BE094923.D
Acq: 5 Dec 2017 20:15

Tgt Ion:136 Resp: 20137

Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.5	14.3
54	57.2	29.1	43.7#
68	11.8	6.2	9.2#



Instrument :
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ClientSampleId :
FT-MW08I-20171129MS

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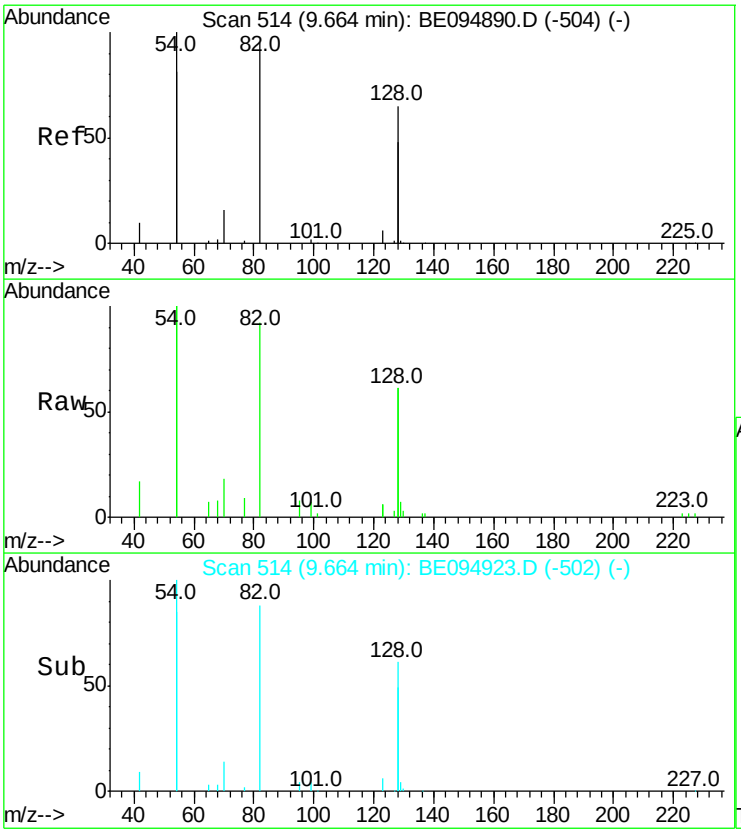
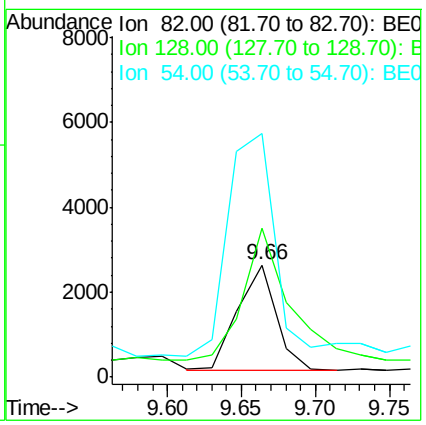
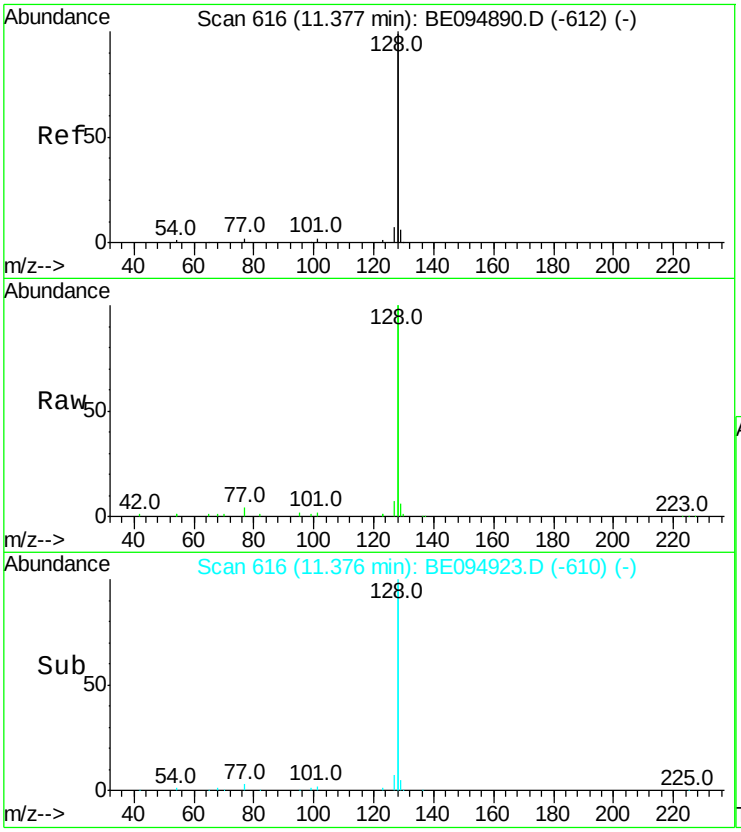


#8
Nitrobenzene-d5
Concen: 0.379 ng
RT: 9.66 min Scan# 514
Delta R.T. -0.00 min
Lab File: BE094923.D
Acq: 5 Dec 2017 20:15

Tgt Ion: 82 Resp: 4522

Ion	Ratio	Lower	Upper
82	100		
128	132.8	150.0	225.0#
54	216.7	154.2	231.4

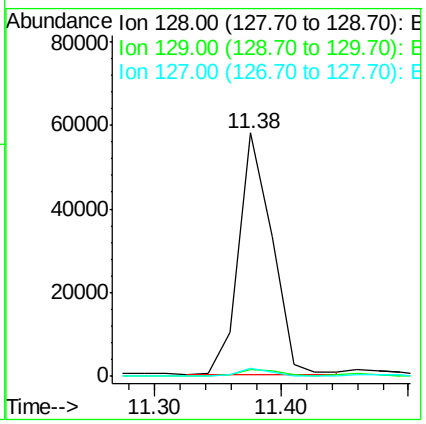




#9
Naphthalene
Concen: 0.444 ng
RT: 11.38 min Scan# 616
Delta R.T. -0.00 min
Lab File: BE094923.D
Acq: 5 Dec 2017 20:15

Tgt Ion:128 Resp: 104834

Ion	Ratio	Lower	Upper
128	100		
129	3.1	2.6	3.8
127	3.5	2.8	4.2



Instrument :
BNA_E
ClientSampleId :
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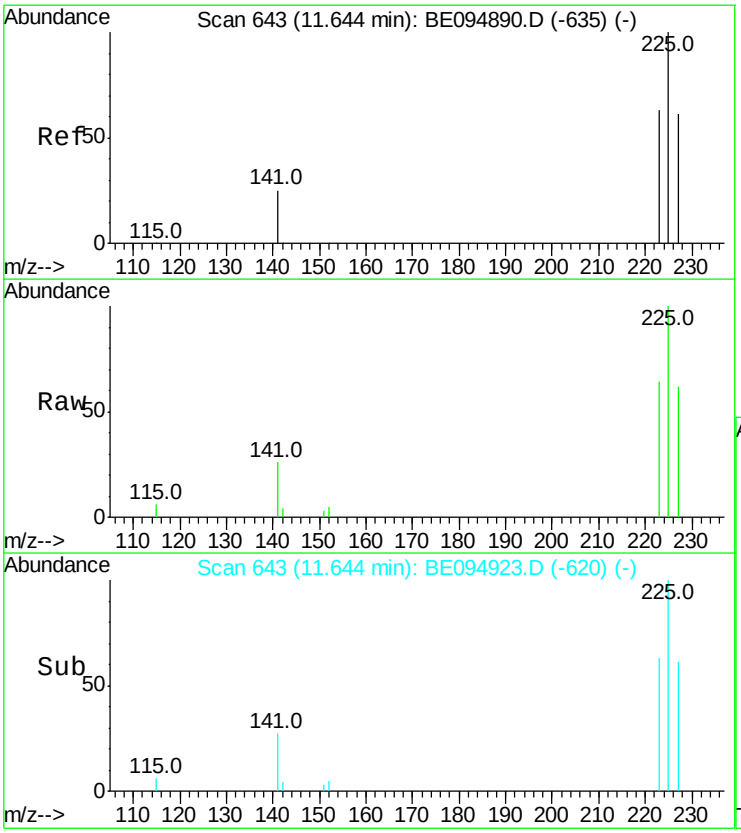
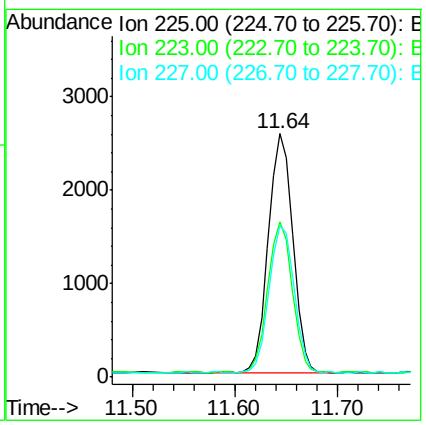
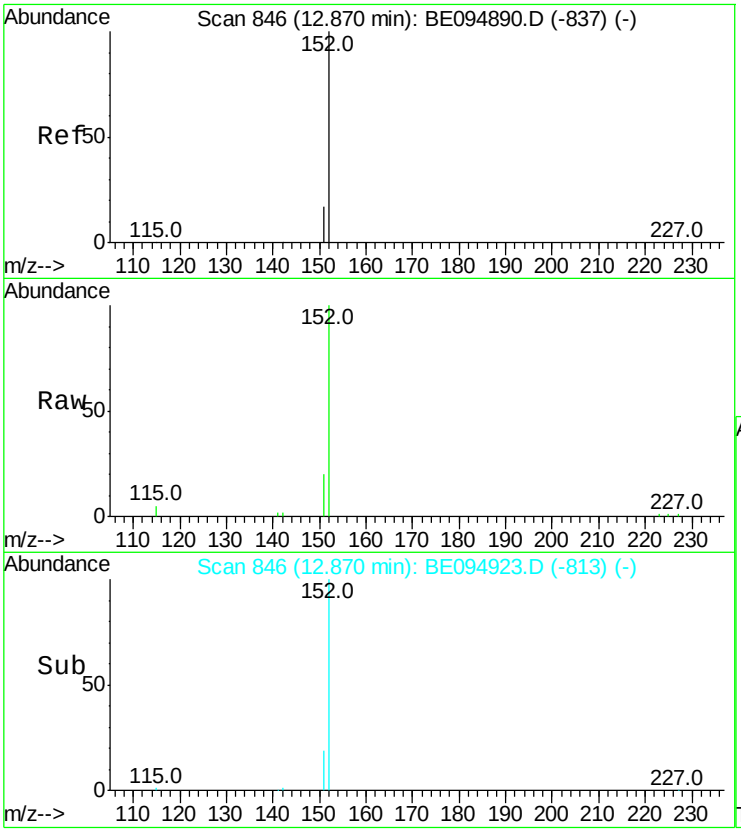


#10
Hexachlorobutadiene
Concen: 0.421 ng
RT: 11.64 min Scan# 643
Delta R.T. 0.00 min
Lab File: BE094923.D
Acq: 5 Dec 2017 20:15

Tgt Ion:225 Resp: 4195

Ion	Ratio	Lower	Upper
225	100		
223	63.0	53.0	79.6
227	62.6	51.4	77.2

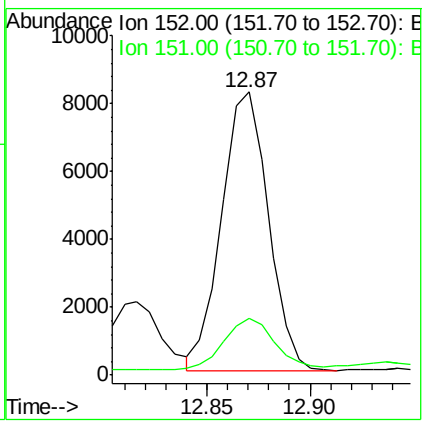




#11
2-Methylnaphthalene-d10
Concen: 0.402 ng
RT: 12.87 min Scan# 846
Delta R.T. 0.00 min
Lab File: BE094923.D
Acq: 5 Dec 2017 20:15

Tgt Ion:152 Resp: 12917

Ion	Ratio	Lower	Upper
152	100		
151	21.0	15.4	23.0



Instrument :
BNA_E
ClientSampleId :
FT-MW08I-20171129MS

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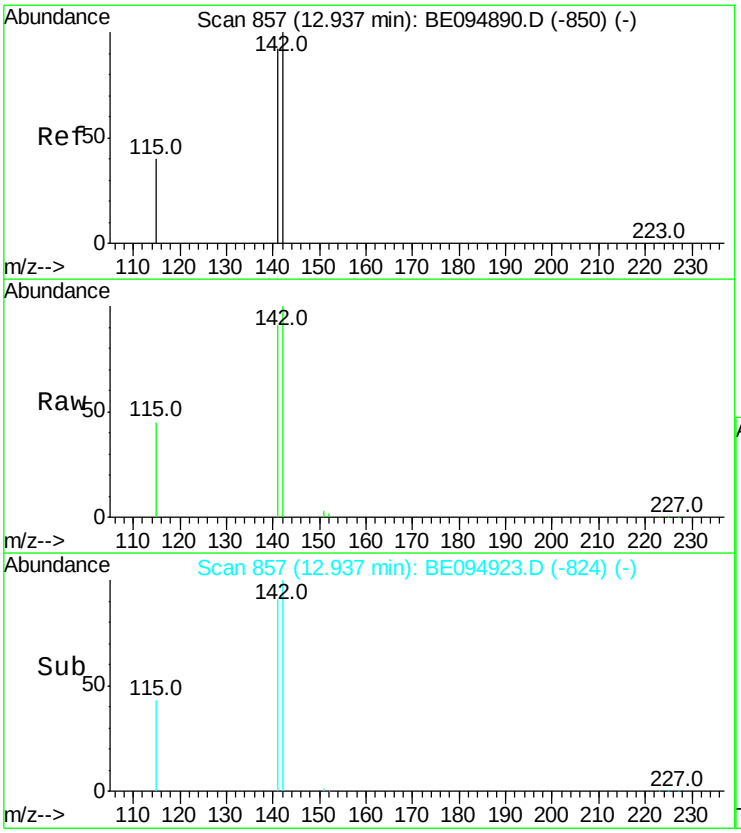
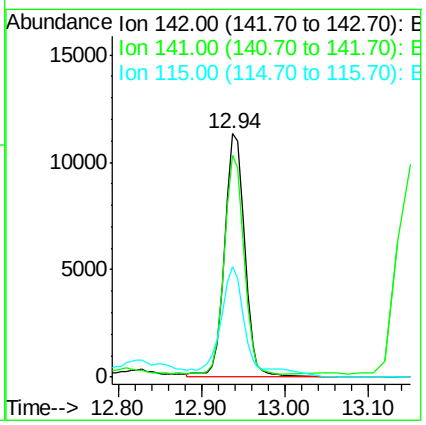
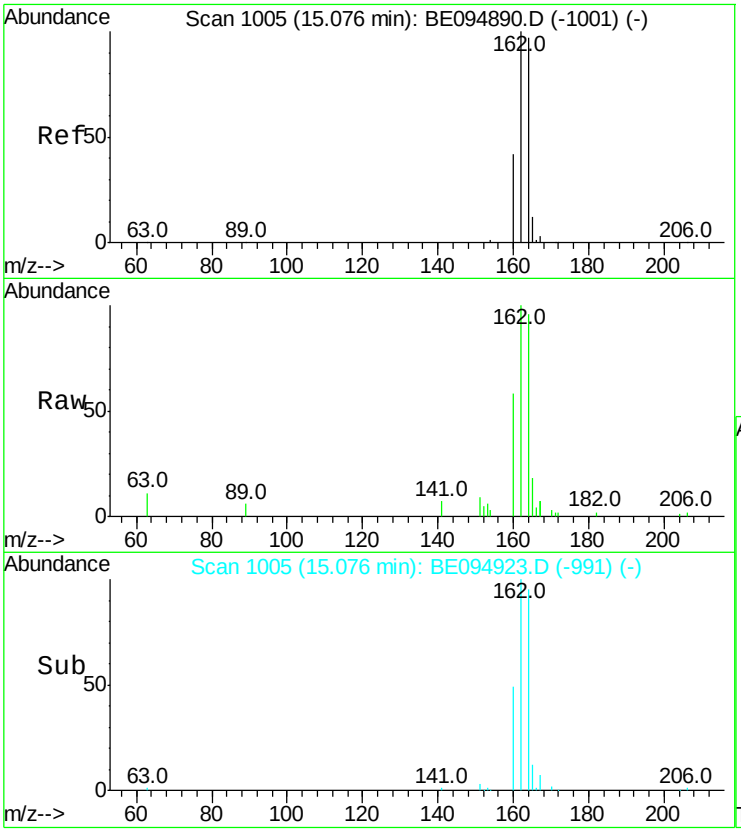


#12
2-Methylnaphthalene
Concen: 0.455 ng
RT: 12.94 min Scan# 857
Delta R.T. 0.00 min
Lab File: BE094923.D
Acq: 5 Dec 2017 20:15

Tgt Ion:142 Resp: 26716

Ion	Ratio	Lower	Upper
142	100		
141	91.0	70.4	105.6
115	45.3	31.7	47.5

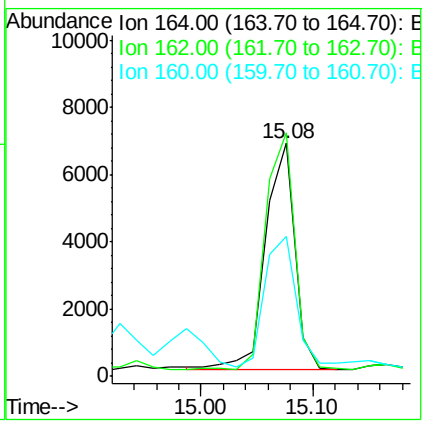




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 15.08 min Scan# 1005
Delta R.T. 0.00 min
Lab File: BE094923.D
Acq: 5 Dec 2017 20:15

Tgt Ion:164 Resp: 12247

Ion	Ratio	Lower	Upper
164	100		
162	104.5	83.1	124.7
160	60.2	37.1	55.7#



Instrument :
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ClientSampleId :
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Manual Integrations APPROVED
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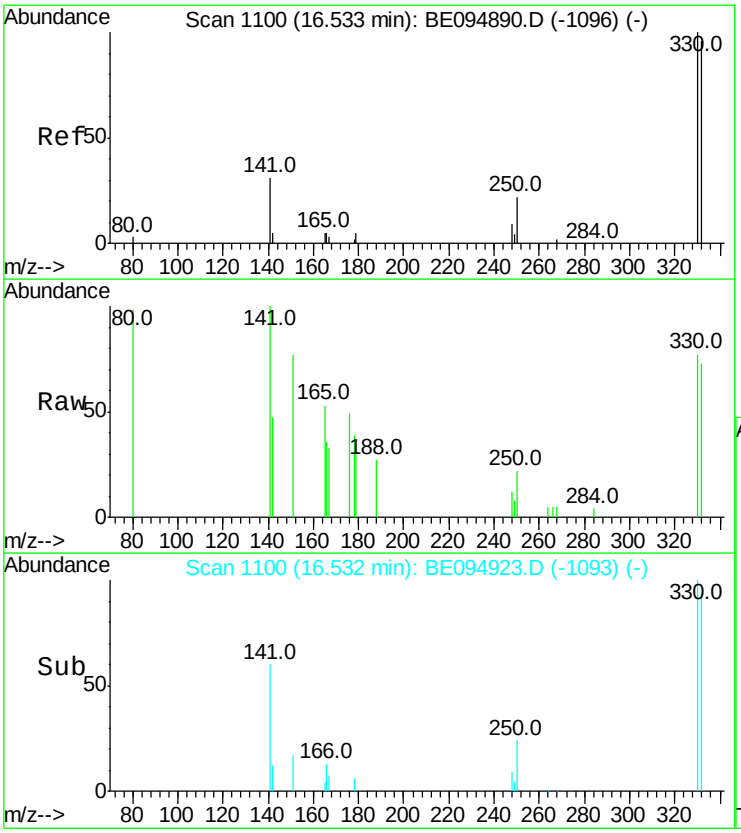
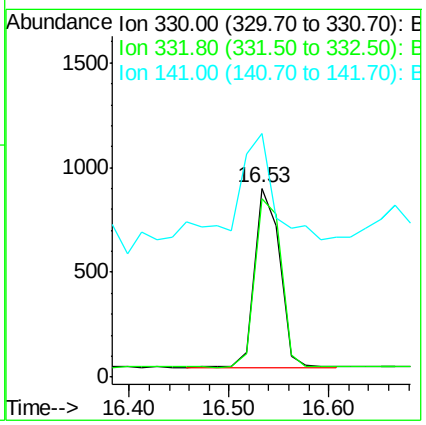
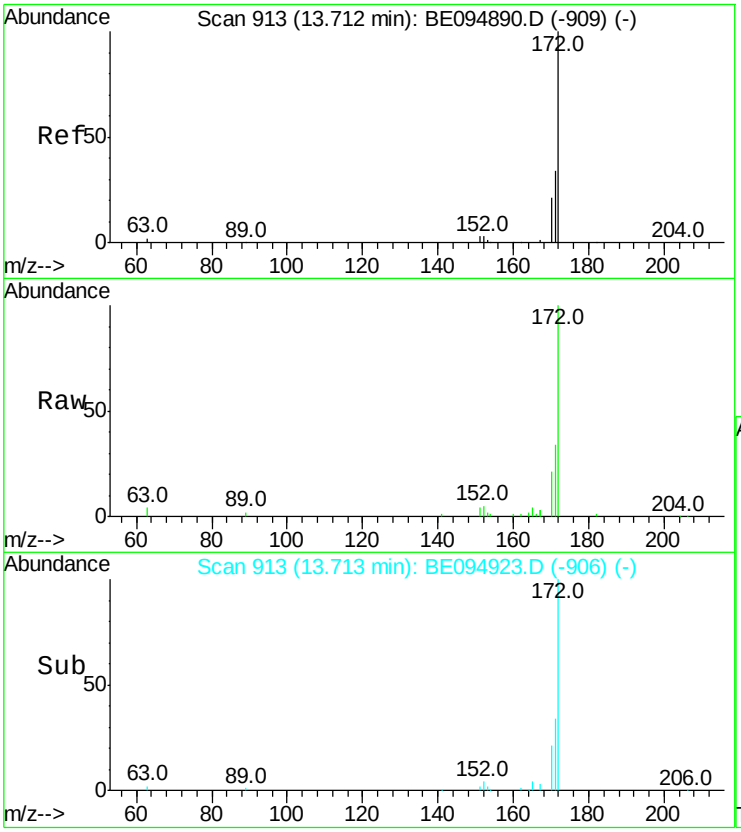


#14
2,4,6-Tribromophenol
Concen: 0.554 ng
RT: 16.53 min Scan# 1100
Delta R.T. 0.00 min
Lab File: BE094923.D
Acq: 5 Dec 2017 20:15

Tgt Ion:330 Resp: 1499

Ion	Ratio	Lower	Upper
330	100		
332	100.6	152.7	229.1#
141	69.6	33.7	50.5#





#15
2-Fluorobiphenyl
Concen: 0.486 ng
RT: 13.71 min Scan# 913
Delta R.T. 0.00 min
Lab File: BE094923.D
Acq: 5 Dec 2017 20:15

Tgt Ion:172 Resp: 25506

Ion	Ratio	Lower	Upper
172	100		
171	34.4	29.9	44.9
170	21.2	21.8	32.8#

Instrument :
BNA_E
ClientSampleId :
FT-MW08I-20171129MS

Manual Integrations APPROVED
Sohil
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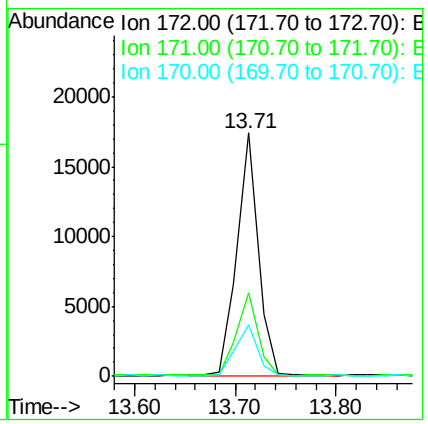
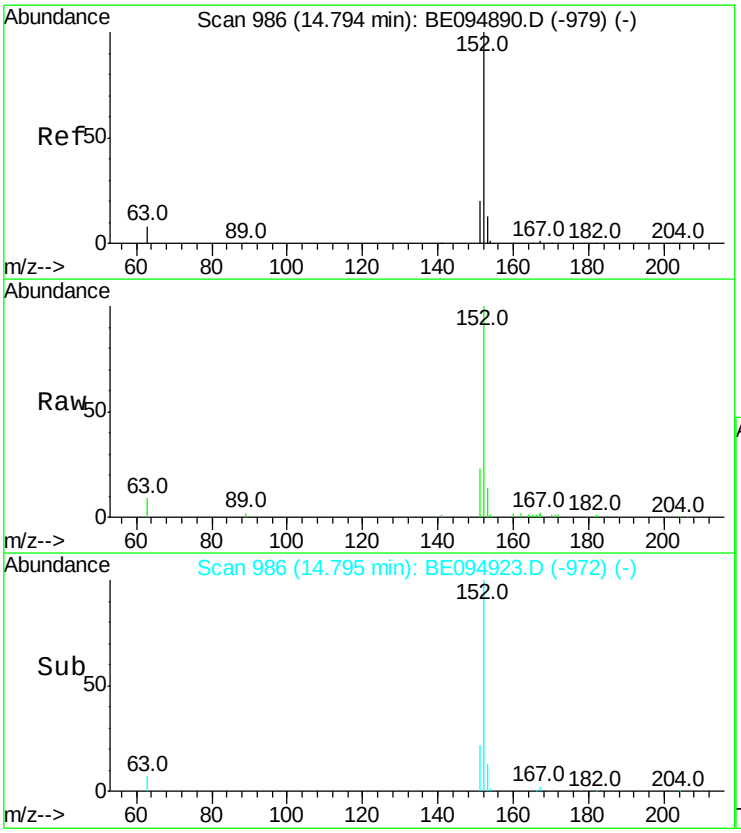
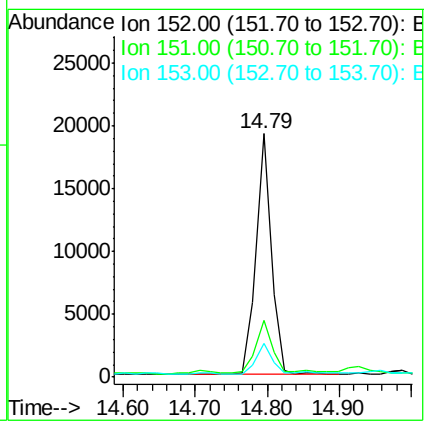


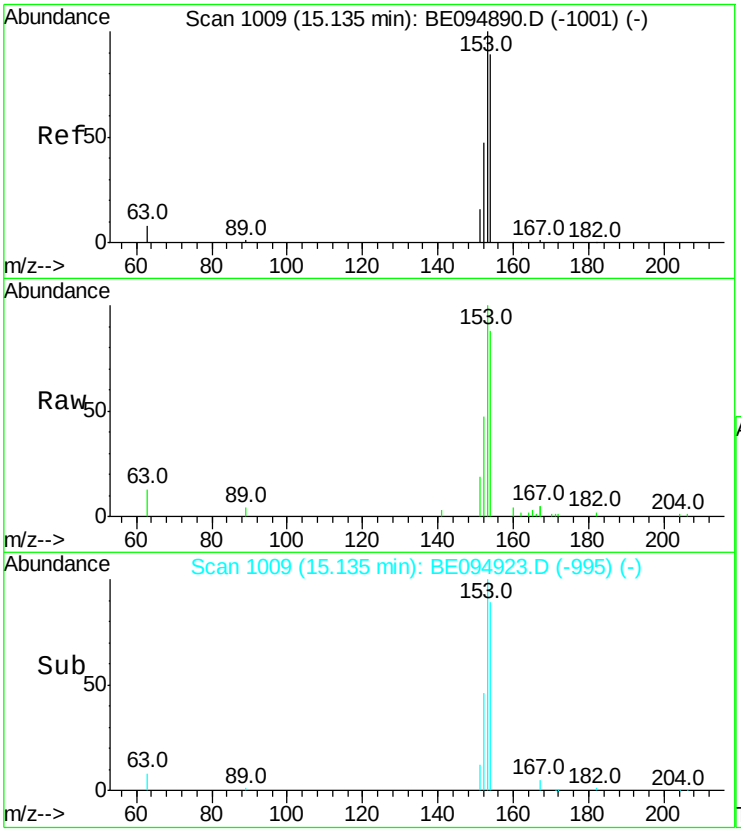


#16
Acenaphthylene
Concen: 0.415 ng
RT: 14.79 min Scan# 986
Delta R.T. 0.00 min
Lab File: BE094923.D
Acq: 5 Dec 2017 20:15

Tgt Ion:152 Resp: 28720

Ion	Ratio	Lower	Upper
152	100		
151	23.8	15.7	23.5#
153	12.6	10.5	15.7

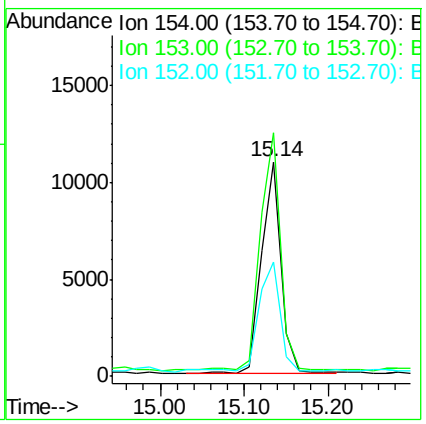




#17
Acenaphthene
Concen: 0.395 ng
RT: 15.14 min Scan# 1009
Delta R.T. 0.00 min
Lab File: BE094923.D
Acq: 5 Dec 2017 20:15

Tgt Ion:154 Resp: 17675

Ion	Ratio	Lower	Upper
154	100		
153	119.6	89.2	133.8
152	55.4	42.0	63.0



Instrument :
BNA_E
ClientSampleId :
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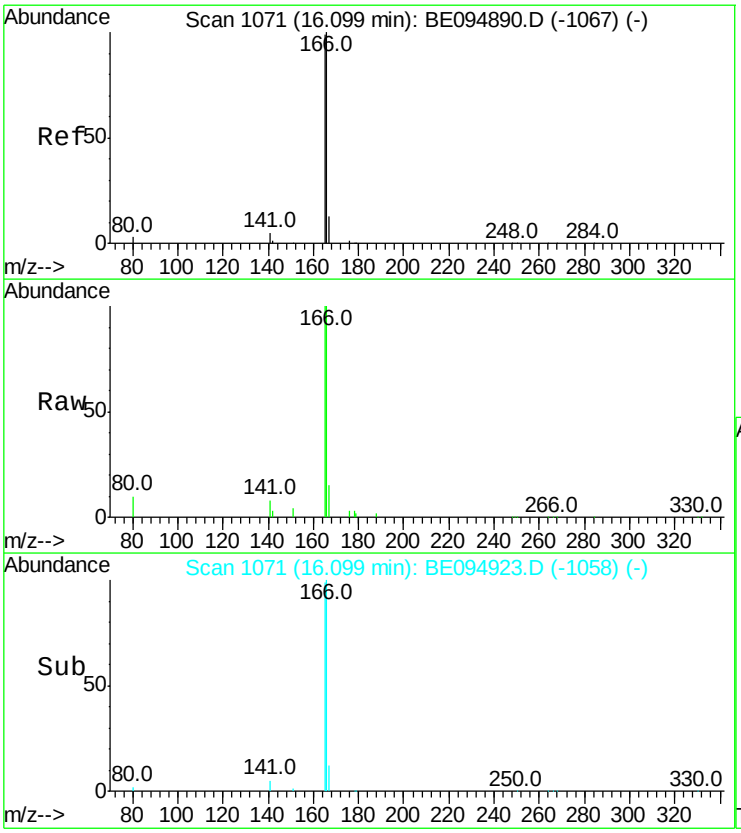
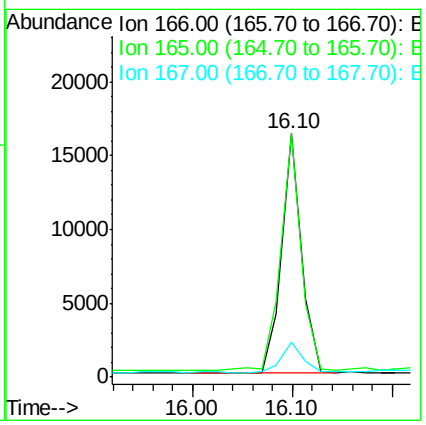
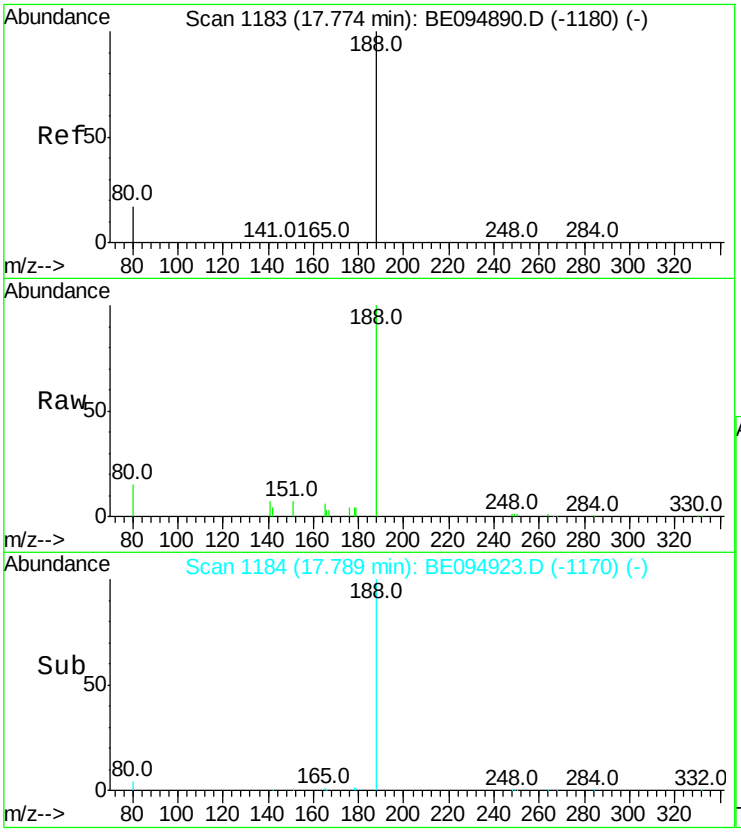


#18
Fluorene
Concen: 0.403 ng
RT: 16.10 min Scan# 1071
Delta R.T. -0.00 min
Lab File: BE094923.D
Acq: 5 Dec 2017 20:15

Tgt Ion:166 Resp: 22913

Ion	Ratio	Lower	Upper
166	100		
165	100.3	77.8	116.6
167	14.7	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: BE094923.D
Acq: 5 Dec 2017 20:15

Tgt Ion:188 Resp: 26259

Ion	Ratio	Lower	Upper
188	100		
94	0.0	3.9	5.9#
80	15.3	3.6	5.4#

Instrument :
BNA_E
ClientSampleId :
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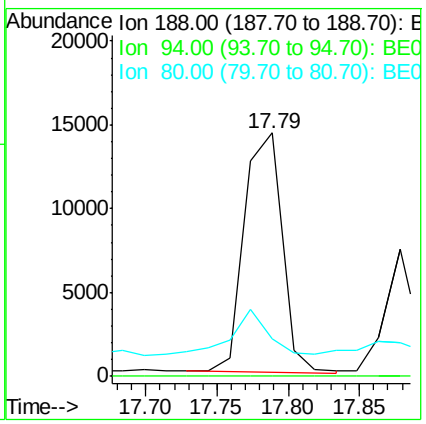
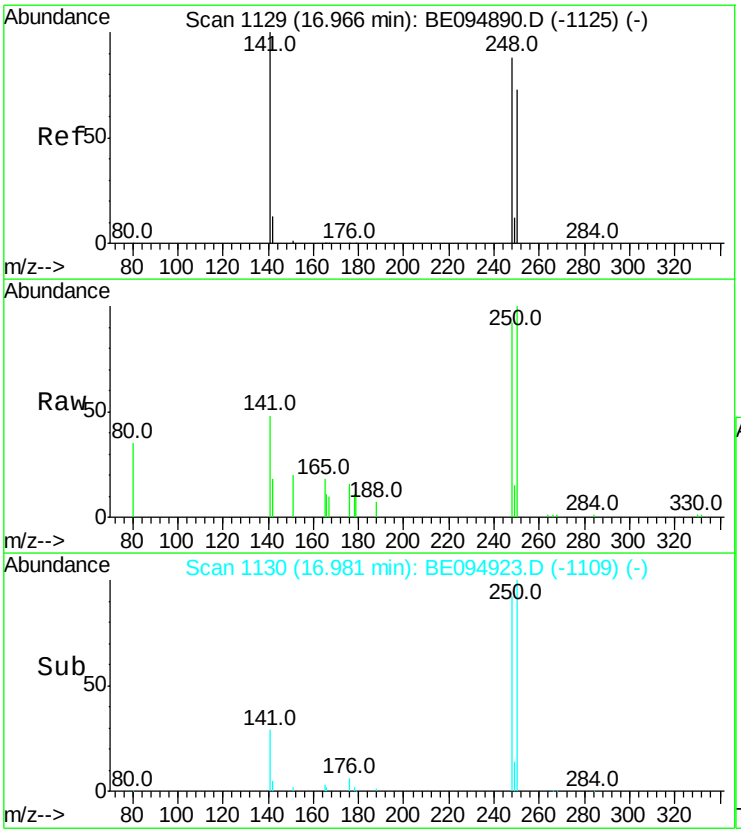
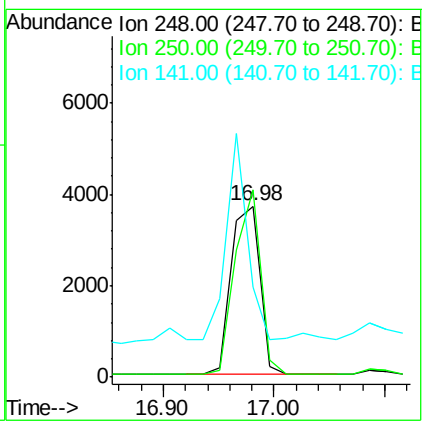


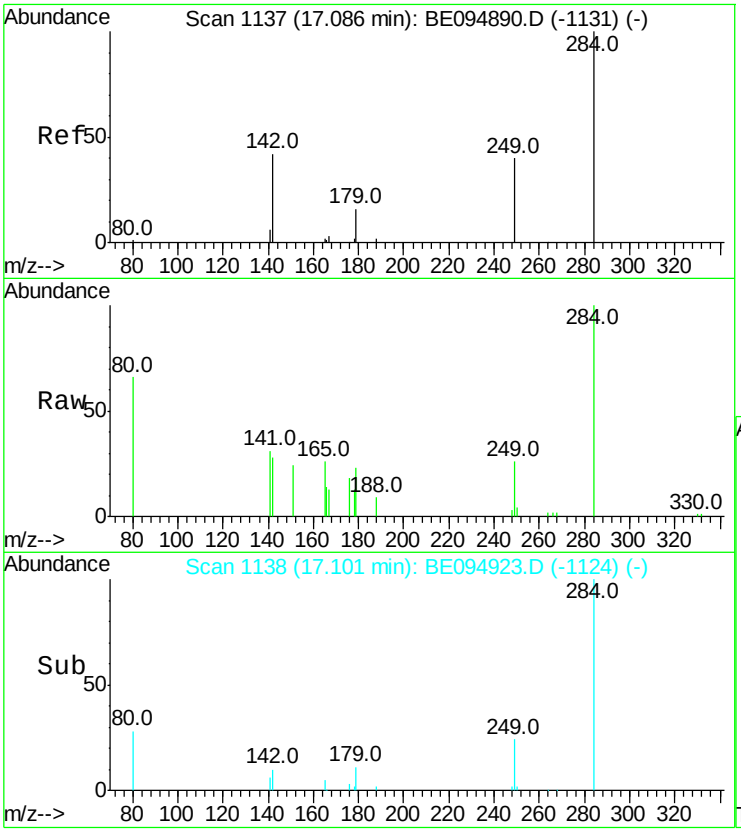


#20
4-Bromophenyl-phenylether
Concen: 0.454 ng
RT: 16.98 min Scan# 1130
Delta R.T. 0.01 min
Lab File: BE094923.D
Acq: 5 Dec 2017 20:15

Tgt Ion:248 Resp: 6653

Ion	Ratio	Lower	Upper
248	100		
250	109.1	62.7	94.1#
141	52.9	48.2	72.2





#21
Hexachlorobenzene
Concen: 0.429 ng
RT: 17.10 min Scan# 1138
Delta R.T. 0.01 min
Lab File: BE094923.D
Acq: 5 Dec 2017 20:15

Tgt Ion:284 Resp: 6124

Ion	Ratio	Lower	Upper
284	100		
142	54.9	22.1	33.1#
249	35.7	34.8	52.2

Instrument :
BNA_E
ClientSampleId :
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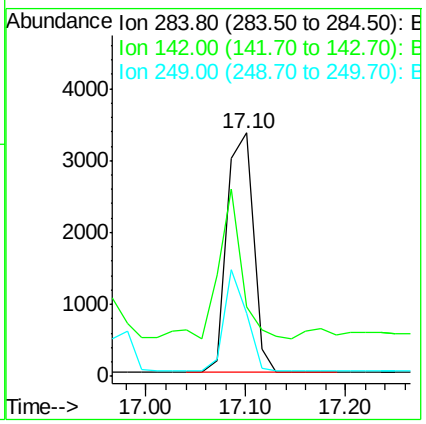
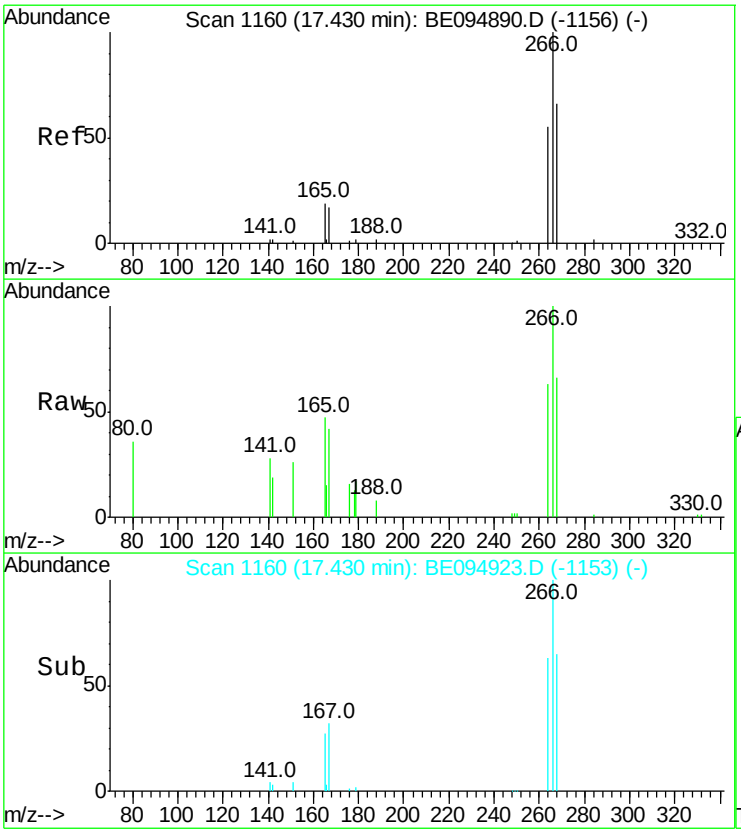
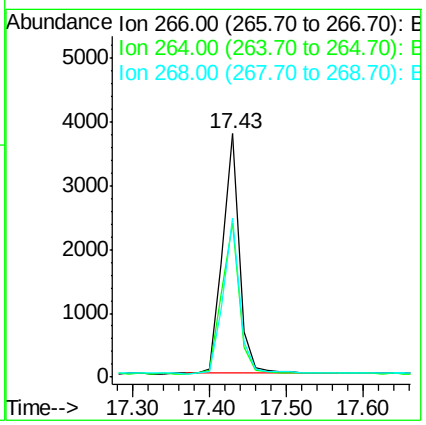


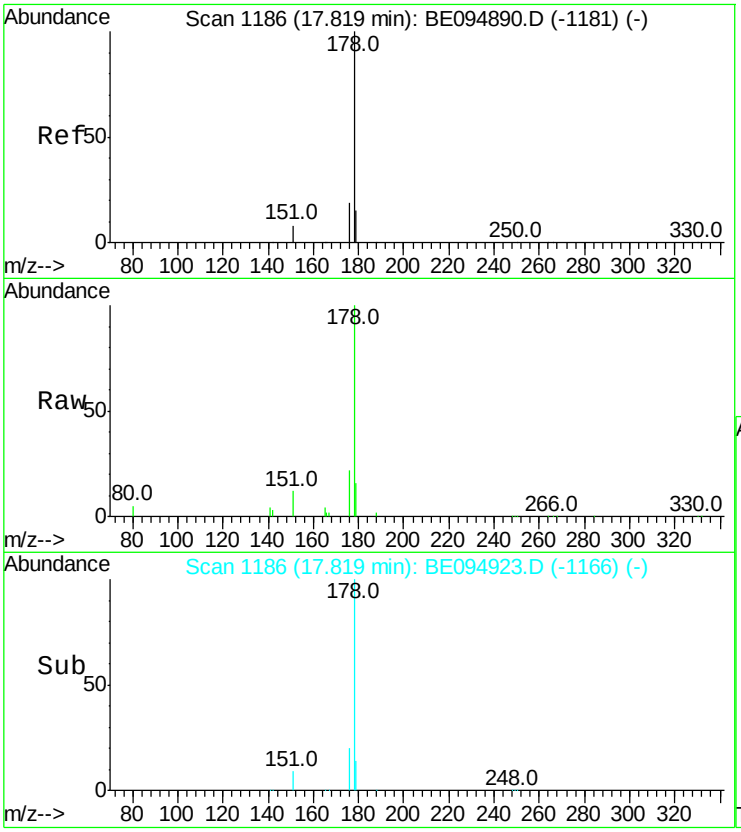


#22
Pentachlorophenol
Concen: 1.345 ng
RT: 17.43 min Scan# 1160
Delta R.T. 0.00 min
Lab File: BE094923.D
Acq: 5 Dec 2017 20:15

Tgt Ion:266 Resp: 5733

Ion	Ratio	Lower	Upper
266	100		
264	63.3	72.5	108.7#
268	65.6	73.8	110.6#

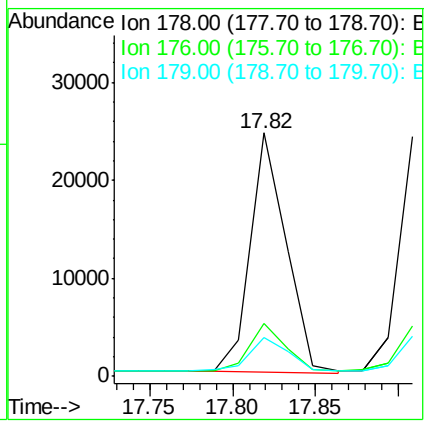




#23
Phenanthrene
Concen: 0.437 ng
RT: 17.82 min Scan# 1186
Delta R.T. -0.00 min
Lab File: BE094923.D
Acq: 5 Dec 2017 20:15

Tgt Ion:178 Resp: 36532

Ion	Ratio	Lower	Upper
178	100		
176	21.1	15.1	22.7
179	17.6	11.8	17.6



Instrument :
BNA_E
ClientSampleId :
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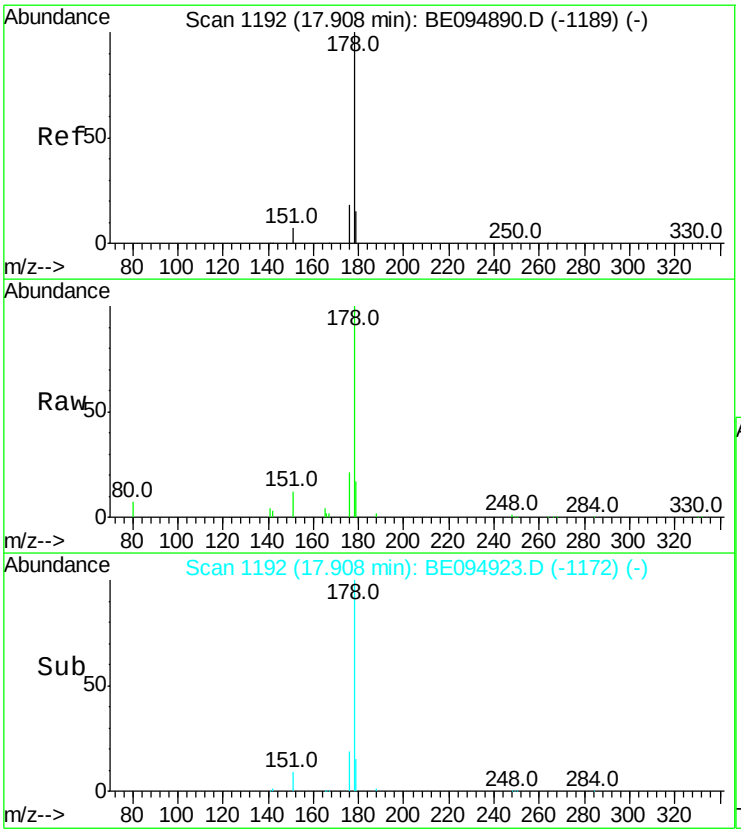
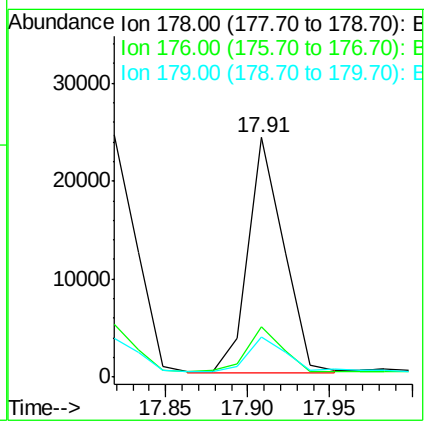
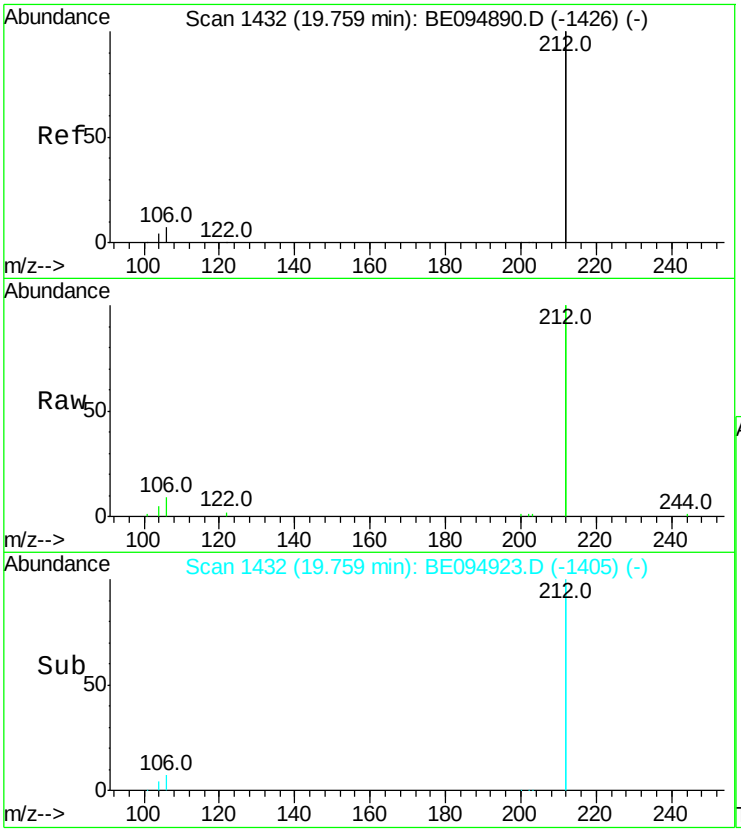


#24
Anthracene
Concen: 0.410 ng m
RT: 17.91 min Scan# 1192
Delta R.T. -0.00 min
Lab File: BE094923.D
Acq: 5 Dec 2017 20:15

Tgt Ion:178 Resp: 36384

Ion	Ratio	Lower	Upper
178	100		
176	34.1	12.8	19.2#
179	30.5	13.0	19.6#

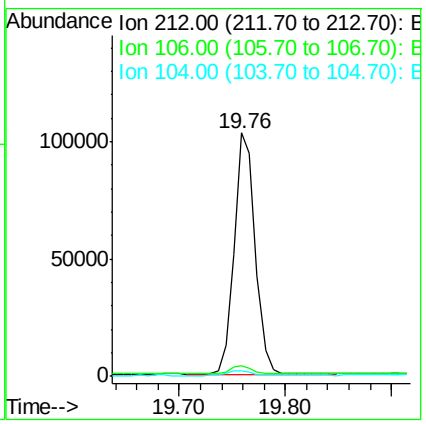




#25
Fluoranthene-d10
Concen: 0.393 ng
RT: 19.76 min Scan# 1432
Delta R.T. 0.00 min
Lab File: BE094923.D
Acq: 5 Dec 2017 20:15

Tgt Ion:212 Resp: 141197

Ion	Ratio	Lower	Upper
212	100		
106	3.8	2.8	4.2
104	2.1	1.6	2.4



Instrument :
BNA_E
ClientSampleId :
FT-MW08I-20171129MS

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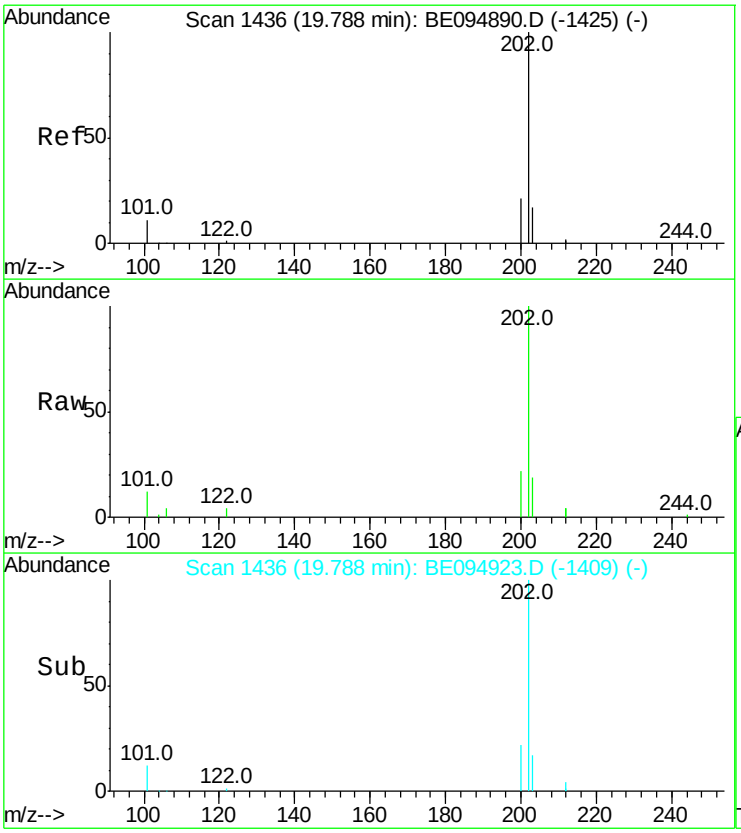
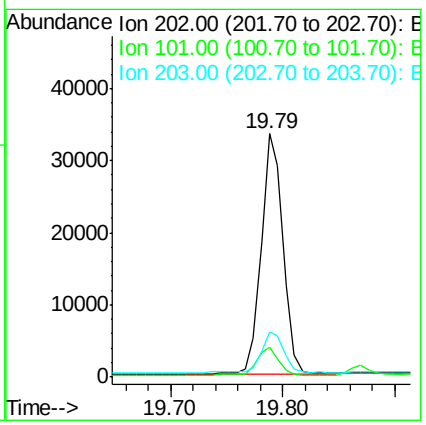
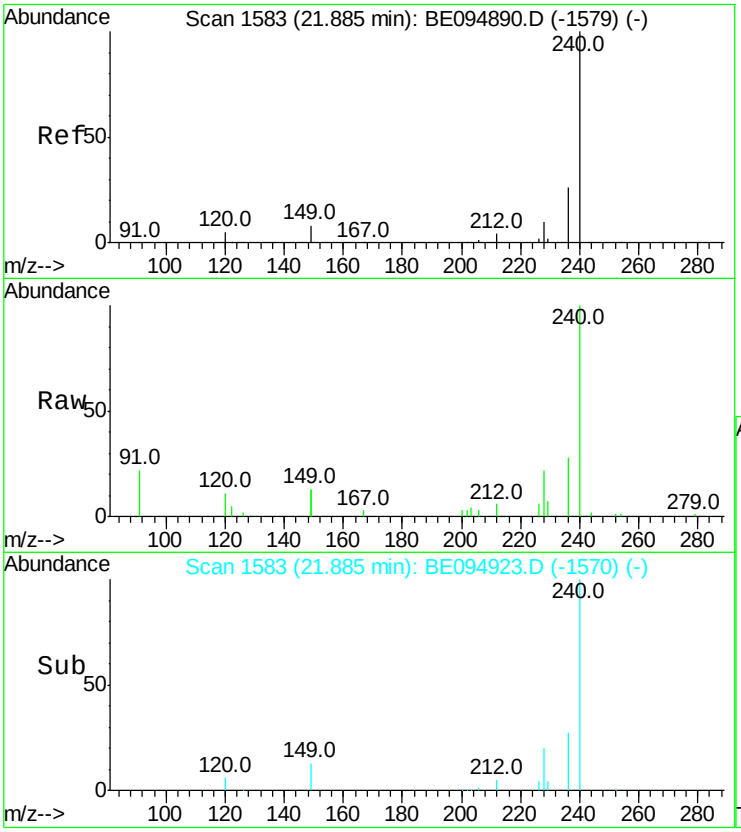


#26
Fluoranthene
Concen: 0.423 ng
RT: 19.79 min Scan# 1436
Delta R.T. 0.00 min
Lab File: BE094923.D
Acq: 5 Dec 2017 20:15

Tgt Ion:202 Resp: 45541

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 m
RT: 21.89 min Scan# 1583
Delta R.T. 0.00 min
Lab File: BE094923.D
Acq: 5 Dec 2017 20:15

Tgt Ion:240 Resp: 25610

Ion	Ratio	Lower	Upper
240	100		
120	10.7	5.5	8.3#
236	28.0	20.7	31.1

Instrument :
BNA_E
ClientSampleId :
FT-MW08I-20171129MS

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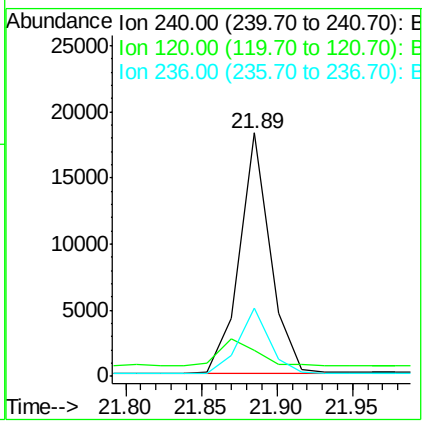
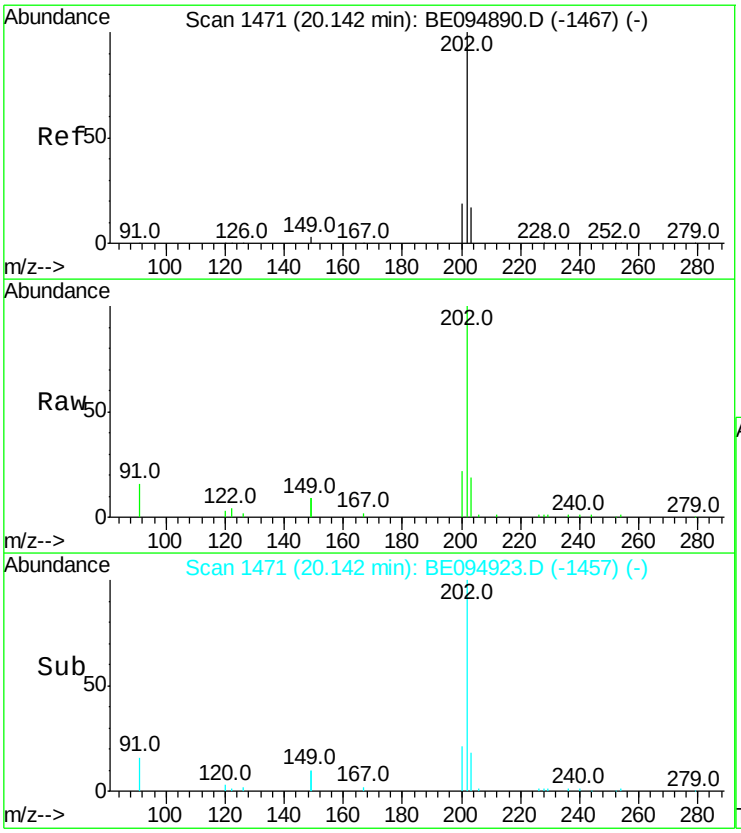
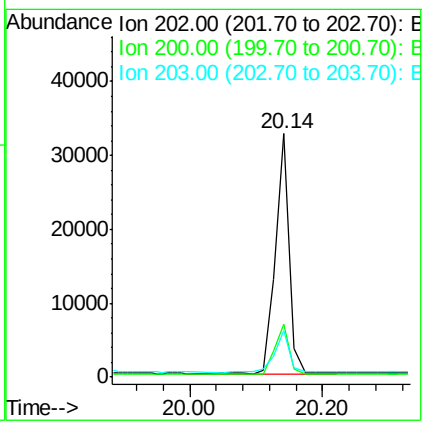


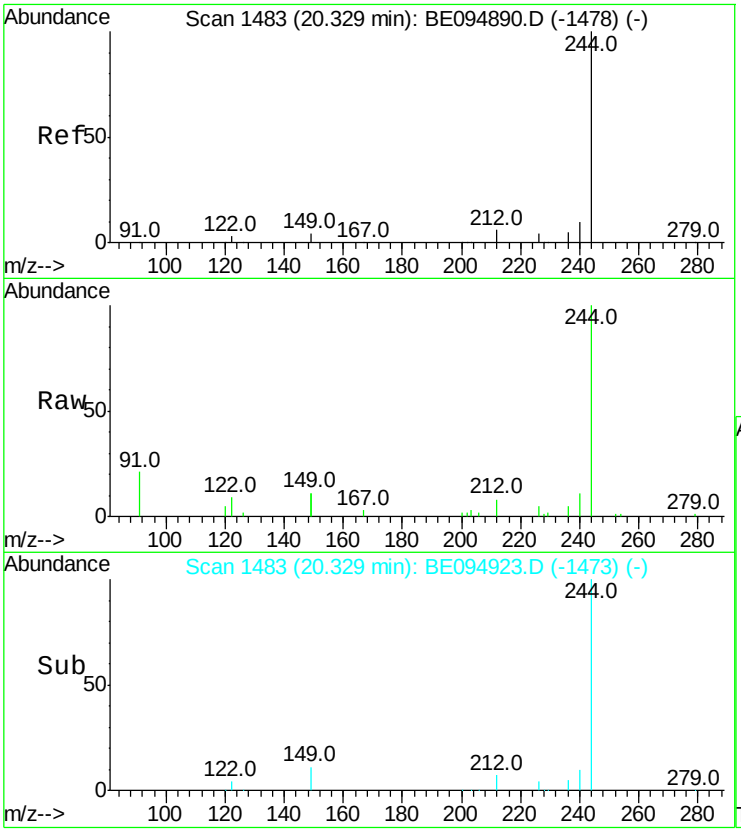


#28
Pyrene
Concen: 0.631 ng
RT: 20.14 min Scan# 1471
Delta R.T. 0.00 min
Lab File: BE094923.D
Acq: 5 Dec 2017 20:15

Tgt Ion:202 Resp: 55833

Ion	Ratio	Lower	Upper
202	100		
200	18.1	16.6	25.0
203	15.3	13.8	20.8





#29
Terphenyl-d14
Concen: 0.607 ng
RT: 20.33 min Scan# 1483
Delta R.T. 0.00 min
Lab File: BE094923.D
Acq: 5 Dec 2017 20:15

Tgt Ion:244 Resp: 28703

Ion	Ratio	Lower	Upper
244	100		
212	7.9	25.4	38.0#
122	8.7	8.1	12.1

Instrument :
BNA_E
ClientSampleId :
FT-MW08I-20171129MS

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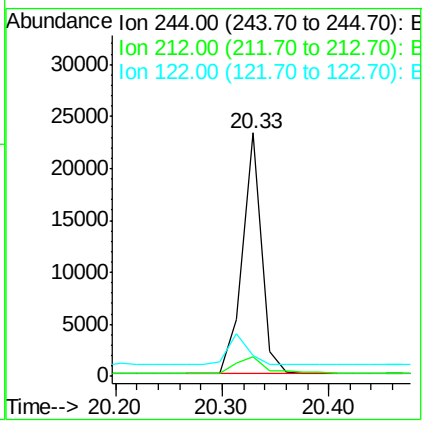
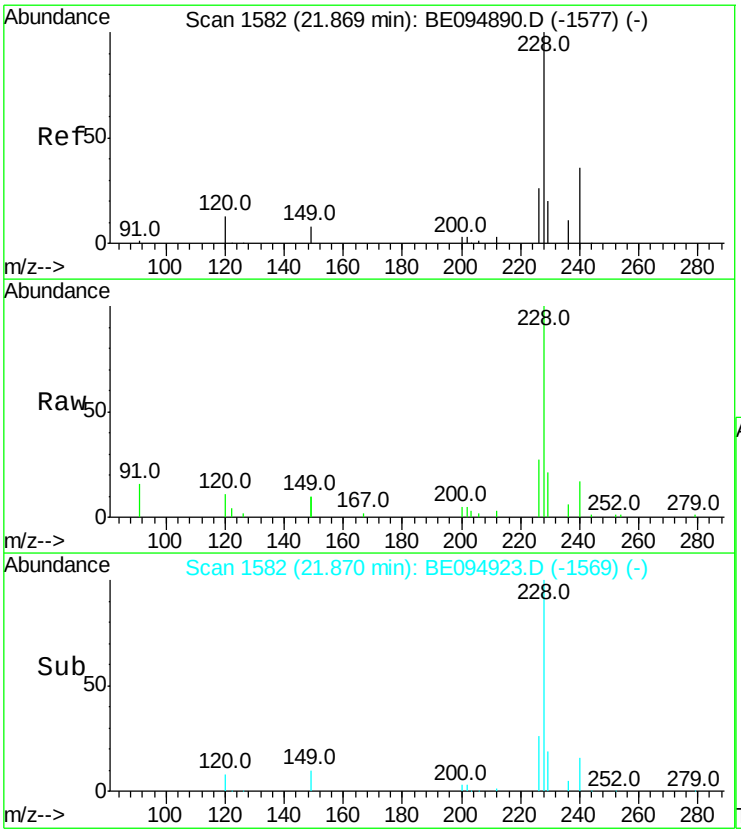
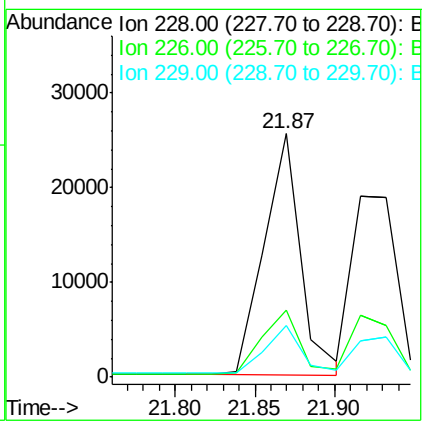


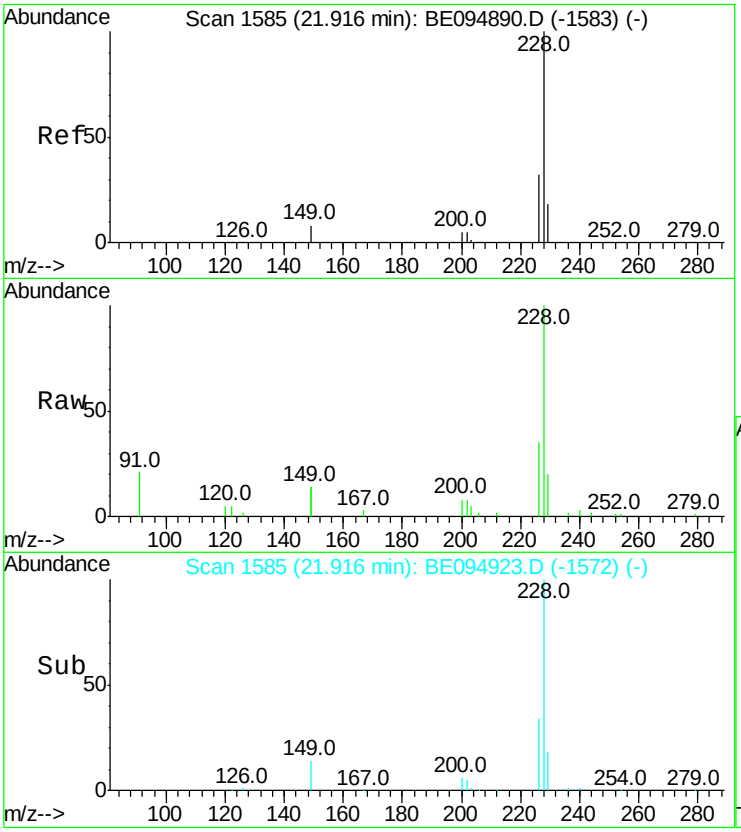


#30
Benzo(a)anthracene
Concen: 0.520 ng
RT: 21.87 min Scan# 1582
Delta R.T. 0.00 min
Lab File: BE094923.D
Acq: 5 Dec 2017 20:15

Tgt Ion:228 Resp: 40811

Ion	Ratio	Lower	Upper
228	100		
226	27.3	40.0	60.0#
229	21.1	40.0	60.0#





#31
Chrysene
Concen: 0.416 ng m
RT: 21.92 min Scan# 1585
Delta R.T. 0.00 min
Lab File: BE094923.D
Acq: 5 Dec 2017 20:15

Tgt Ion:228 Resp: 36093

Ion	Ratio	Lower	Upper
228	100		
226	34.6	40.0	60.0#
229	20.2	40.0	60.0#

Instrument :
BNA_E
ClientSampleId :
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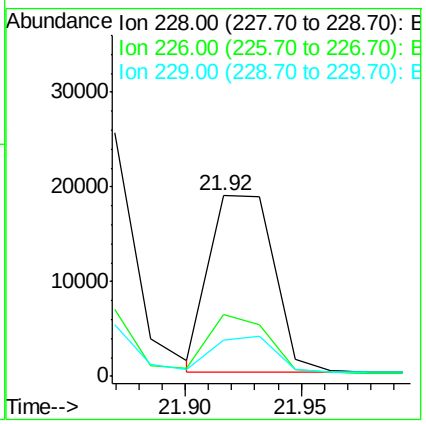
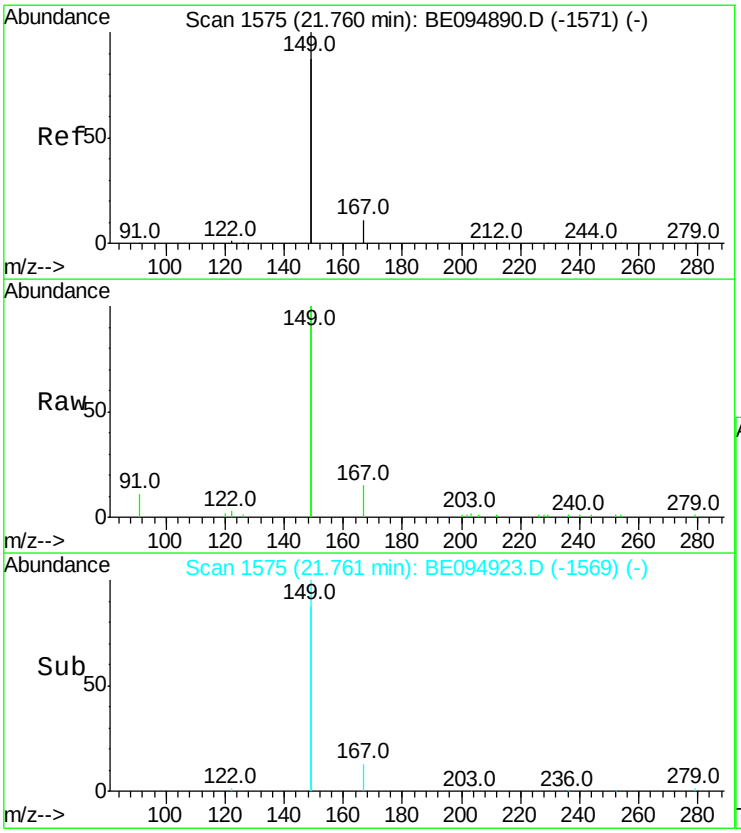
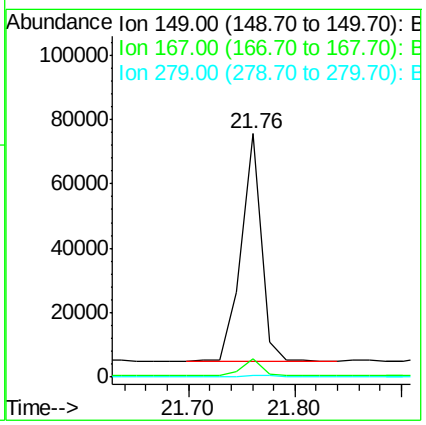


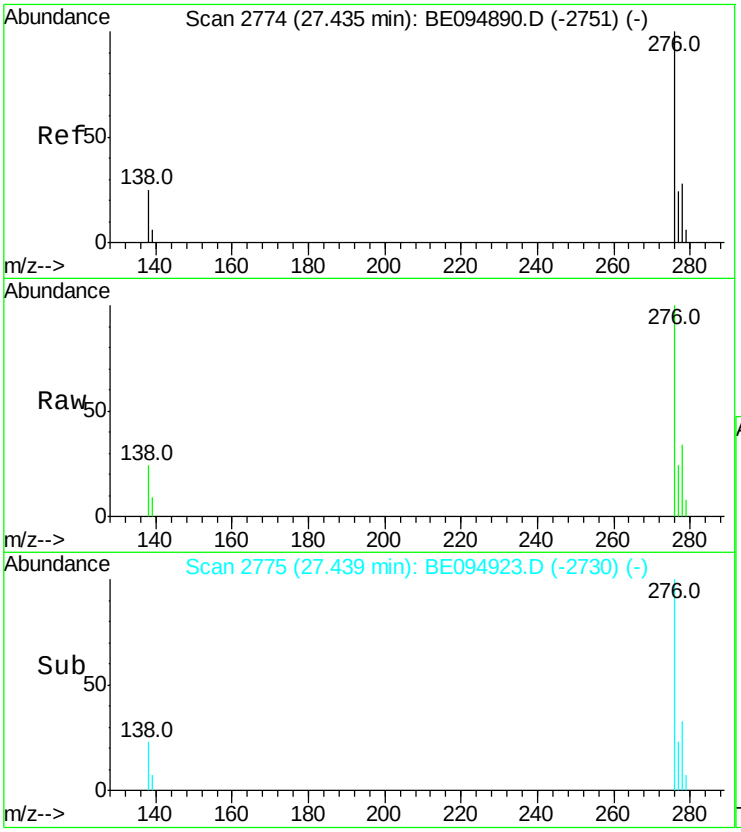


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.719 ng
RT: 21.76 min Scan# 1575
Delta R.T. 0.00 min
Lab File: BE094923.D
Acq: 5 Dec 2017 20:15

Tgt Ion:149 Resp: 93544

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

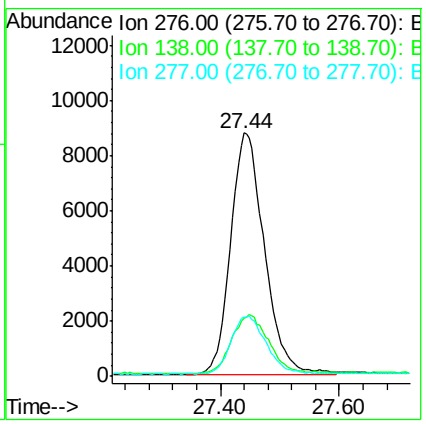




#33
Indeno(1,2,3-cd)pyrene
Concen: 0.487 ng
RT: 27.44 min Scan# 2775
Delta R.T. 0.00 min
Lab File: BE094923.D
Acq: 5 Dec 2017 20:15

Tgt Ion:276 Resp: 34609

Ion	Ratio	Lower	Upper
276	100		
138	26.2	22.5	33.7
277	24.9	19.9	29.9



Instrument :
BNA_E
ClientSampleId :
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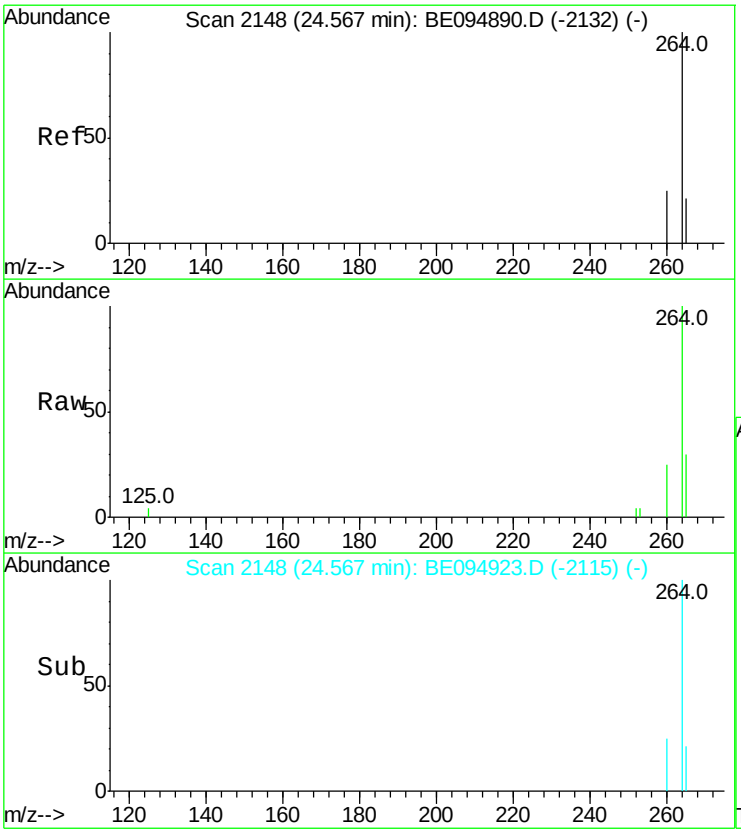
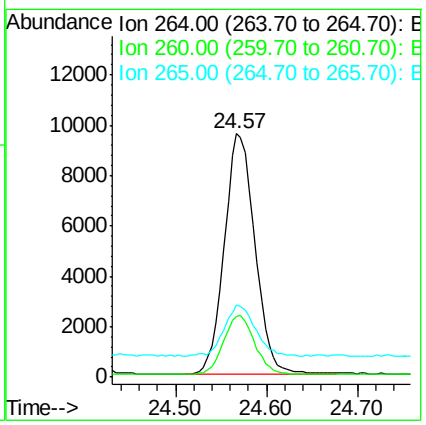
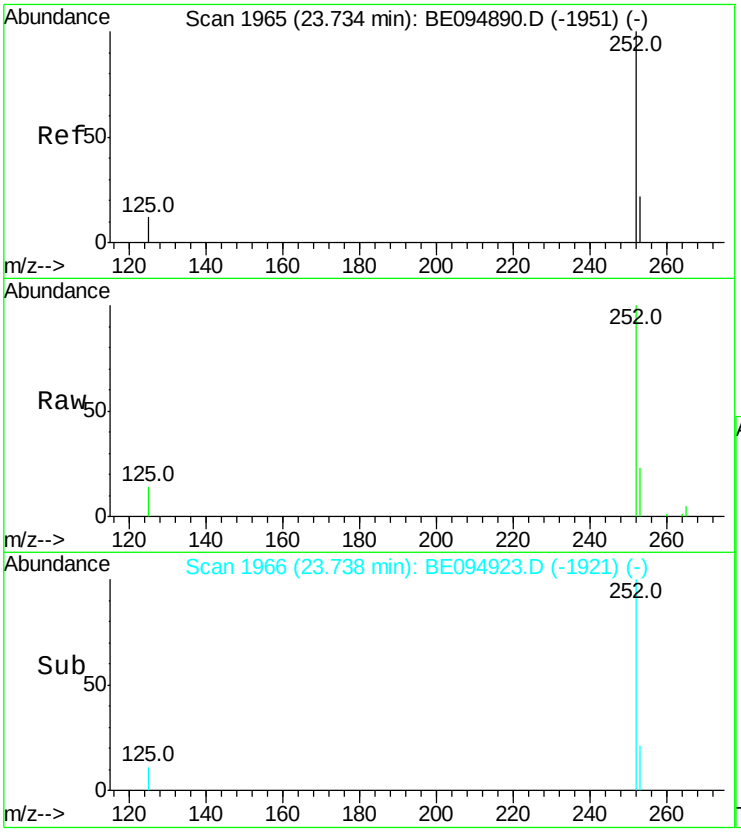


#34
Perylene-d12
Concen: 0.400 ng
RT: 24.57 min Scan# 2148
Delta R.T. -0.00 min
Lab File: BE094923.D
Acq: 5 Dec 2017 20:15

Tgt Ion:264 Resp: 22322

Ion	Ratio	Lower	Upper
264	100		
260	25.1	20.5	30.7
265	29.6	22.8	34.2





#35
Benzo(b)fluoranthene
Concen: 0.434 ng
RT: 23.74 min Scan# 1966
Delta R.T. 0.00 min
Lab File: BE094923.D
Acq: 5 Dec 2017 20:15

Tgt Ion:252 Resp: 35387

Ion	Ratio	Lower	Upper
252	100		
253	23.2	48.0	72.0#
125	13.7	56.0	84.0#

Instrument :
BNA_E
ClientSampleId :
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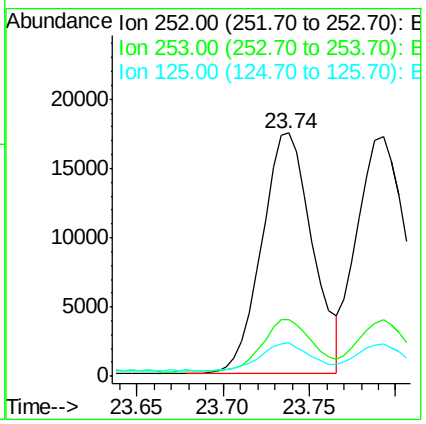
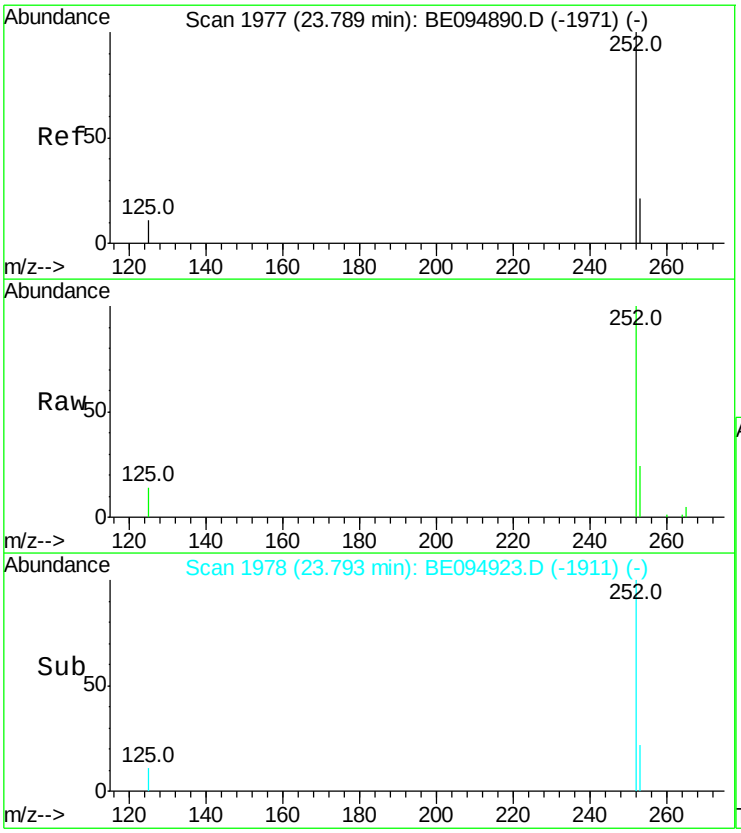
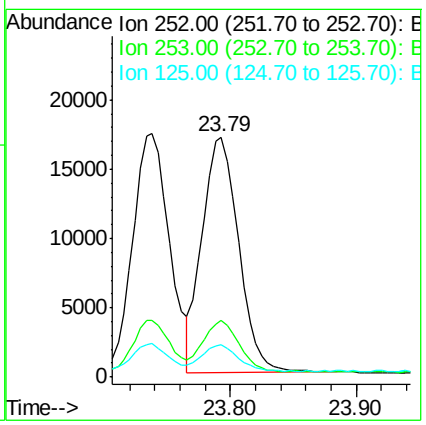


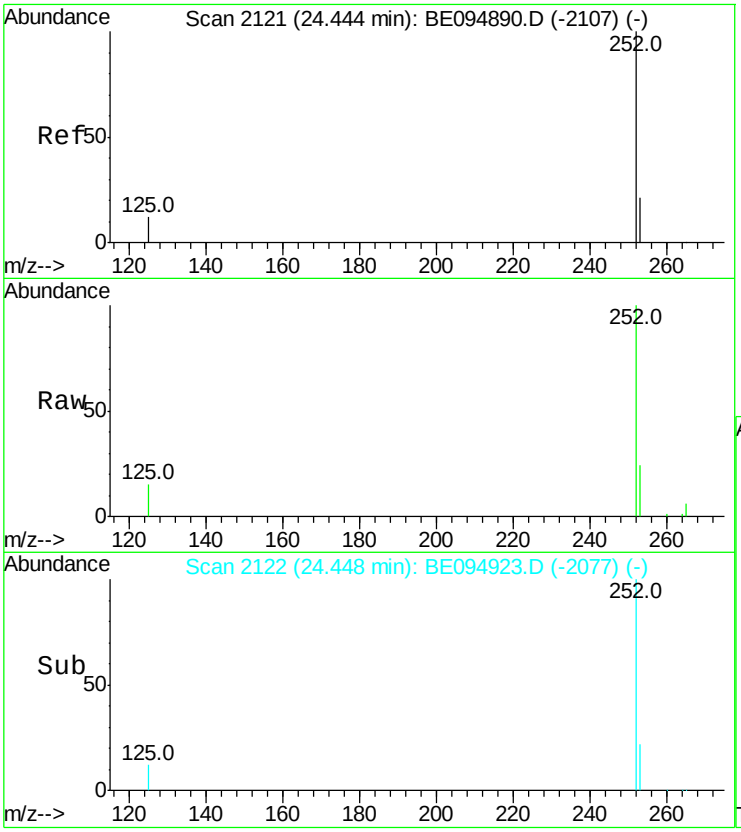


#36
Benzo(k)fluoranthene
Concen: 0.412 ng
RT: 23.79 min Scan# 1978
Delta R.T. 0.00 min
Lab File: BE094923.D
Acq: 5 Dec 2017 20:15

Tgt Ion:252 Resp: 34238

Ion	Ratio	Lower	Upper
252	100		
253	23.7	48.0	72.0#
125	13.6	56.0	84.0#





#37
Benzo(a)pyrene
Concen: 0.457 ng
RT: 24.45 min Scan# 2122
Delta R.T. 0.00 min
Lab File: BE094923.D
Acq: 5 Dec 2017 20:15

Tgt Ion:252 Resp: 32631

Ion	Ratio	Lower	Upper
252	100		
253	23.8	52.0	78.0#
125	14.9	68.0	102.0#

Instrument :
BNA_E
ClientSampleId :
FT-MW08I-20171129MS

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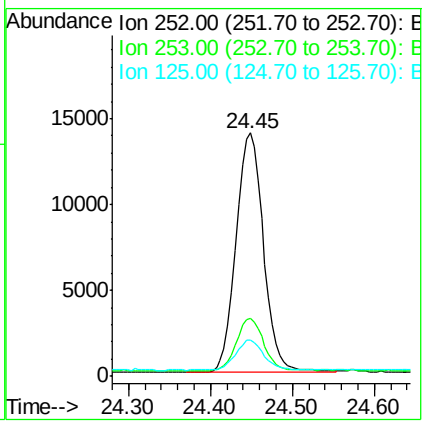
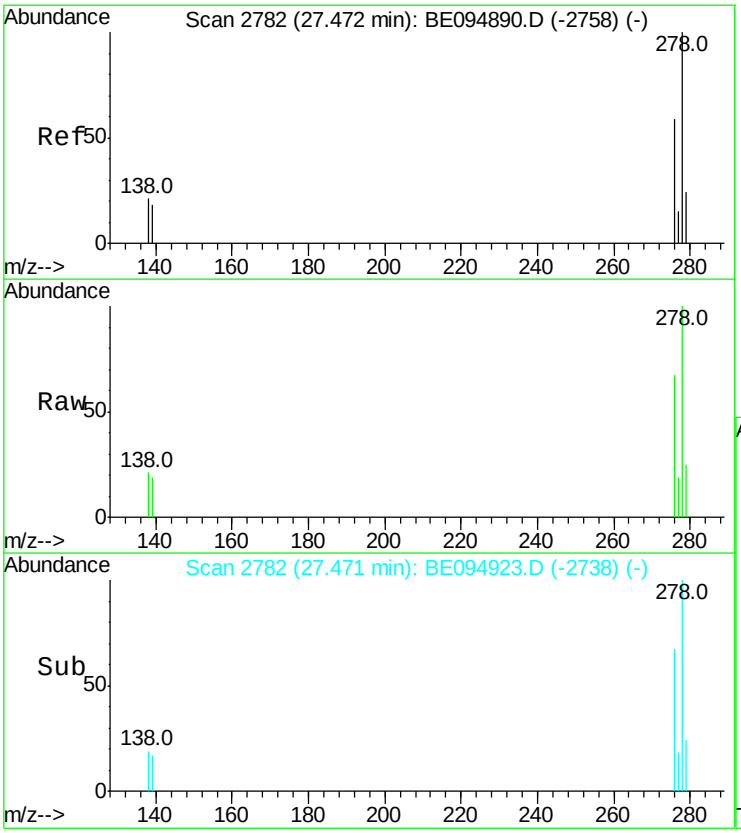
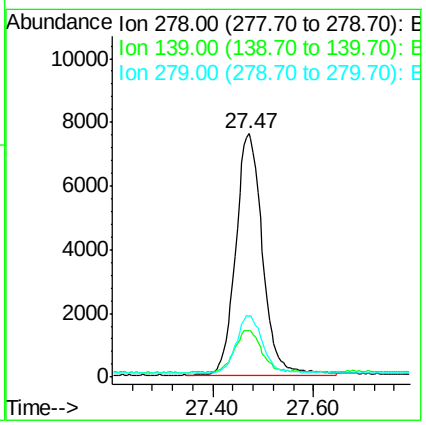


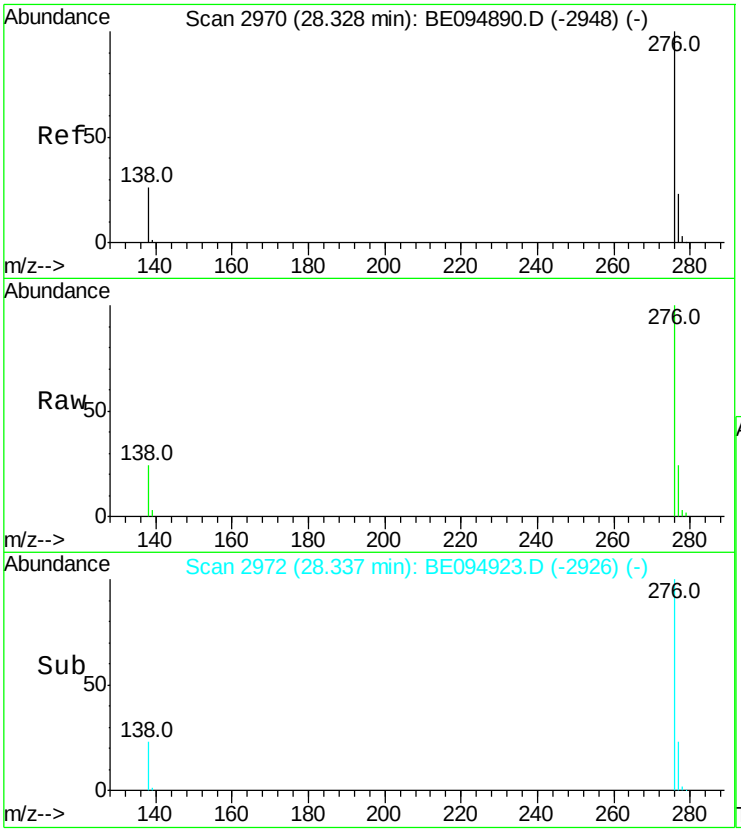


#38
Dibenzo(a,h)anthracene
Concen: 0.427 ng
RT: 27.47 min Scan# 2782
Delta R.T. -0.00 min
Lab File: BE094923.D
Acq: 5 Dec 2017 20:15

Tgt Ion:278 Resp: 28202

Ion	Ratio	Lower	Upper
278	100		
139	19.1	56.0	84.0#
279	25.0	52.0	78.0#

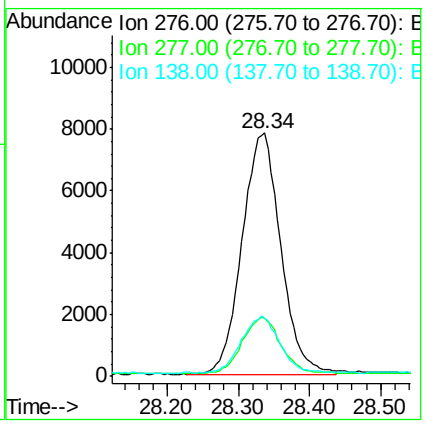




#39
Benzo(g,h,i)perylene
Concen: 0.446 ng
RT: 28.34 min Scan# 2972
Delta R.T. 0.01 min
Lab File: BE094923.D
Acq: 5 Dec 2017 20:15

Tgt Ion:276 Resp: 29373

Ion	Ratio	Lower	Upper
276	100		
277	24.0	52.0	78.0#
138	23.7	44.0	66.0#



Instrument :
BNA_E
ClientSampleId :
FT-MW08I-20171129MS

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