Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE090916\
Data File : BE092364.D
Acq On : 9 Sep 2016 20:52
Operator : UM/SJ
Sample : H4728-01MS
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : TILCON-MH-SF-006MS

Quant Time: Sep 10 02:09:29 2016
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE090216.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 02 19:34:51 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	10598	5.00	ng		-0.02
7) Naphthalene-d8	10.95	136	48457	5.00	ng		0.00
12) Acenaphthene-d10	14.81	164	26818	5.00	ng		0.00
18) Phenanthrene-d10	17.56	188	54298	5.00	ng		0.00
24) Chrysene-d12	21.75	240	71843	5.00	ng		0.00
31) Perylene-d12	24.10	264	81084	5.00	ng		0.01
System Monitoring Compounds							
4) 2-Fluorophenol	5.68	112	23553	9.35	ng		-0.01
5) Phenol-d6	7.34	99	33555	9.98	ng		-0.02
8) Nitrobenzene-d5	9.34	82	15944	4.58	ng		-0.02
13) 2,4,6-Tribromophenol	16.31	330	7845	9.44	ng		-0.01
14) 2-Fluorobiphenyl	13.43	172	33342	4.05	ng		-0.01
26) Terphenyl-d14	20.17	244	46528	4.38	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.42	88	4054	3.10	ng	#	83
3) n-Nitrosodimethylamine	3.77	42	7034	4.18	ng	#	99
6) bis(2-Chloroethyl)ether	7.59	93	12561	3.91	ng		89
9) Naphthalene	10.99	128	38617	3.56	ng	#	95
10) Hexachlorobutadiene	11.30	225	5982	3.53	ng		99
11) 2-Methylnaphthalene	12.62	142	27268	3.84	ng		95
15) Acenaphthylene	14.53	152	171263	3.71	ng		100
16) Acenaphthene	14.88	154	25680	3.44	ng		94
17) Fluorene	15.86	166	33040	3.52	ng		100
19) Hexachlorobenzene	16.89	284	9429	3.63	ng	#	63
20) Pentachlorophenol	17.23	266	7492	5.96	ng	#	87
21) Phenanthrene	17.60	178	60869	3.99	ng	#	94
22) Anthracene	17.70	178	54997	4.05	ng		100
23) Fluoranthene	19.59	202	253765	3.81	ng		99
25) Pyrene	19.97	202	265124	3.79	ng		98
27) Benzo(a)anthracene	21.72	228	277123	3.57	ng	#	77
28) Chrysene	21.72	228	277029	3.84	ng	#	59
29) Bis(2-ethylhexyl)phthalate	21.63	149	59703	Below Cal		#	73
30) Indeno(1,2,3-cd)pyrene	26.58	276	371392	4.55	ng		99
32) Benzo(b)fluoranthene	23.37	252	83732	4.02	ng	#	96
33) Benzo(k)fluoranthene	23.42	252	76207	3.46	ng		95
34) Benzo(a)pyrene	23.99	252	79557	3.88	ng	#	96
35) Dibenzo(a,h)anthracene	26.60	278	76250	4.02	ng		93
36) Benzo(g,h,i)perylene	27.35	276	320549	4.01	ng		97

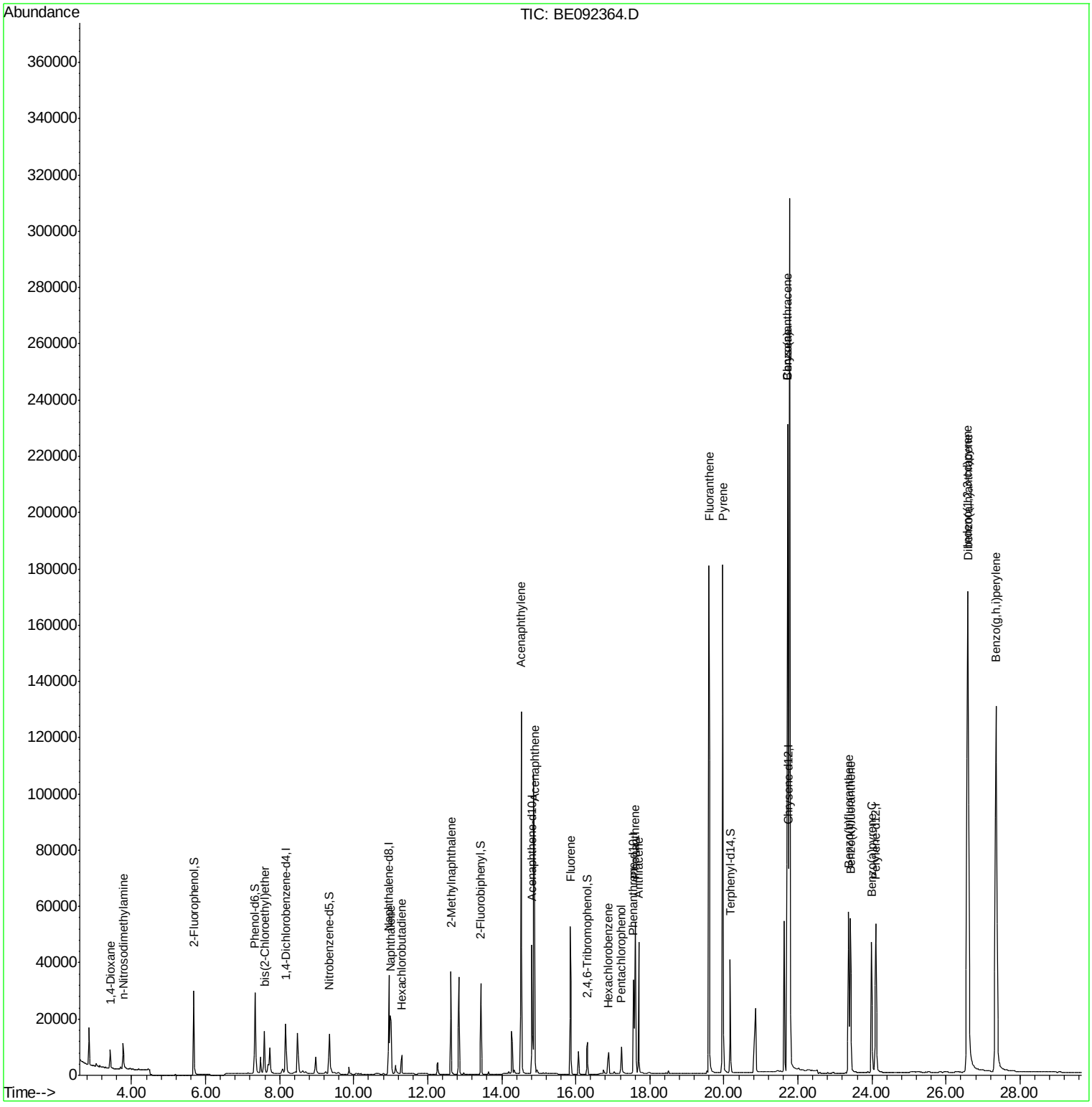
(#) = qualifier out of range (m) = manual integration (+) = signals summed

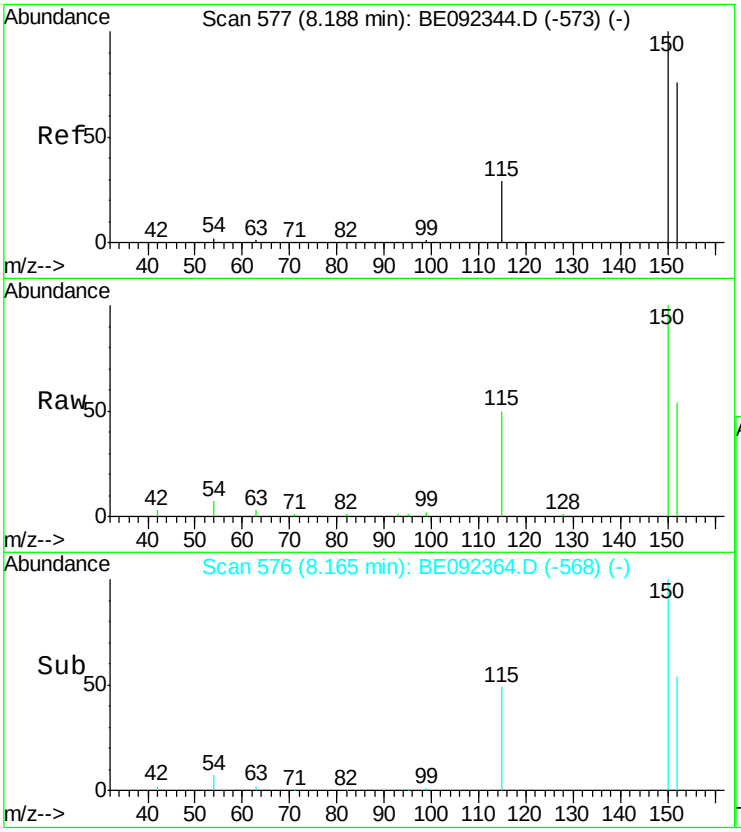
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE090916\
Data File : BE092364.D
Acq On : 9 Sep 2016 20:52
Operator : UM/SJ
Sample : H4728-01MS
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
TILCON-MH-SF-006MS

Quant Time: Sep 10 02:09:29 2016
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE090216.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 02 19:34:51 2016
Response via : Initial Calibration



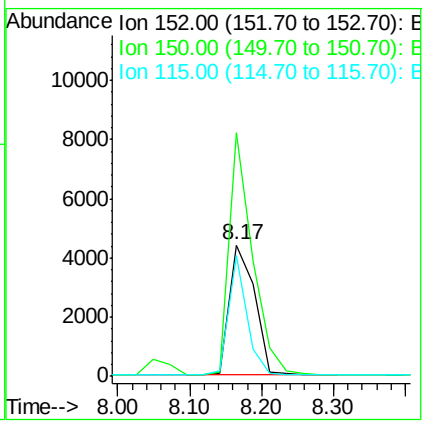


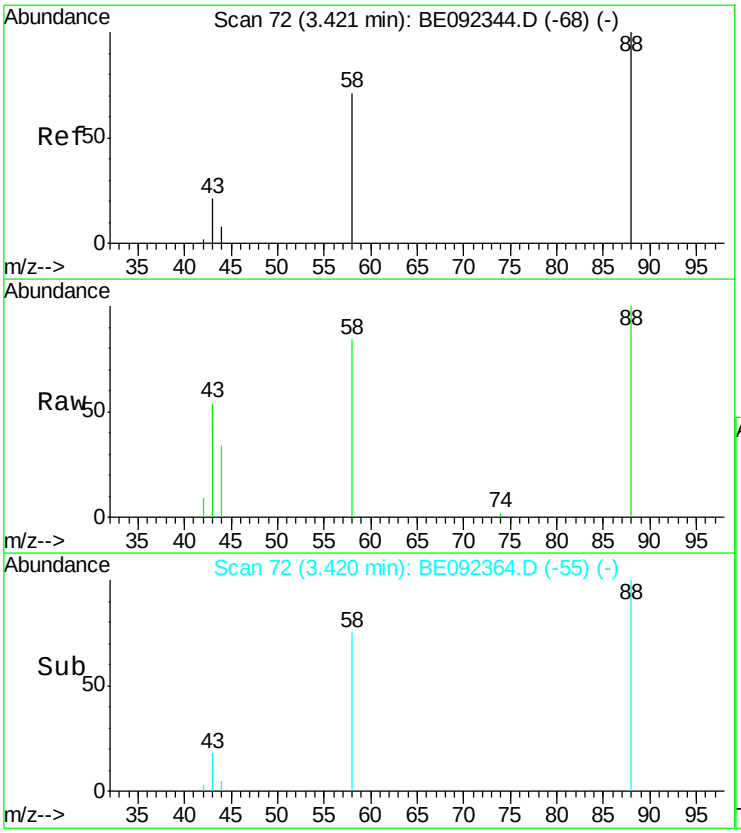
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 8.17 min Scan# 576
Delta R.T. -0.02 min
Lab File: BE092364.D
Acq: 9 Sep 2016 20:52

Instrument :
BNA_E
ClientSampleId :
TILCON-MH-SF-006MS

Tgt Ion:152 Resp: 10598

Ion	Ratio	Lower	Upper
152	100		
150	185.6	106.0	159.0#
115	92.2	31.2	46.8#

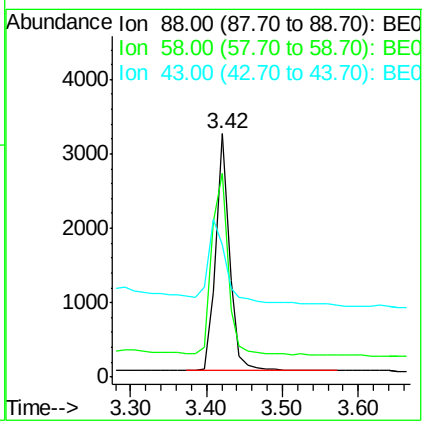


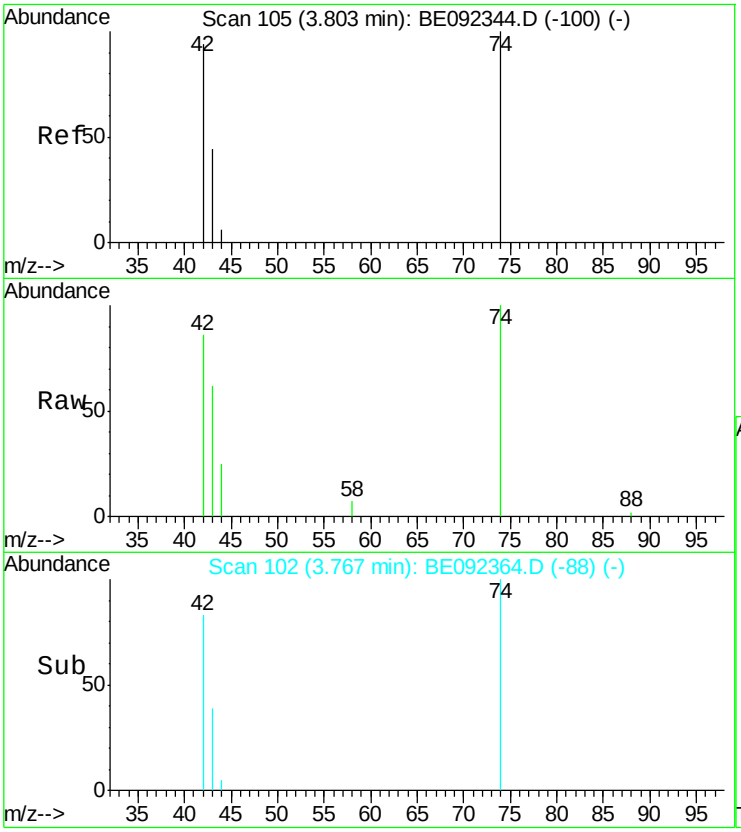


#2
1,4-Dioxane
Concen: 3.10 ng
RT: 3.42 min Scan# 72
Delta R.T. -0.00 min
Lab File: BE092364.D
Acq: 9 Sep 2016 20:52

Tgt Ion: 88 Resp: 4054

Ion	Ratio	Lower	Upper
88	100		
58	91.0	63.6	95.4
43	50.3	28.0	42.0#



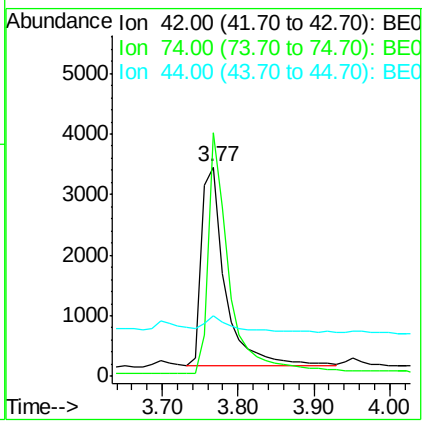


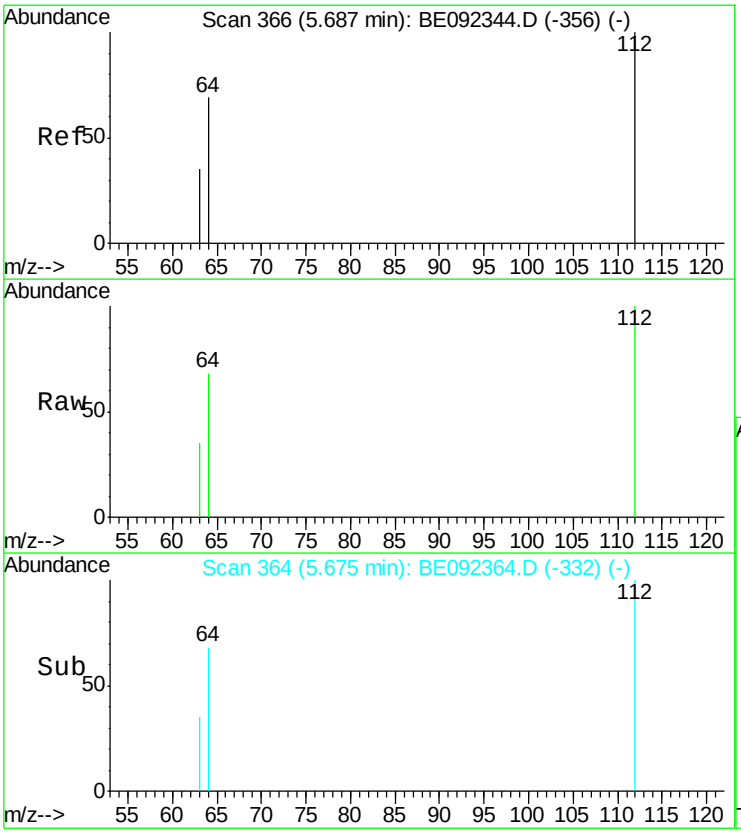
#3
n-Nitrosodimethylamine
Concen: 4.18 ng
RT: 3.77 min Scan# 102
Delta R.T. -0.03 min
Lab File: BE092364.D
Acq: 9 Sep 2016 20:52

Instrument :
BNA_E
ClientSampleId :
TILCON-MH-SF-006MS

Tgt Ion: 42 Resp: 7034

Ion	Ratio	Lower	Upper
42	100		
74	107.6	86.0	129.0
44	9.6	5.1	7.7#

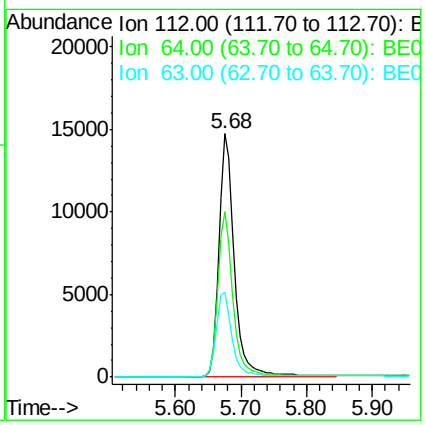


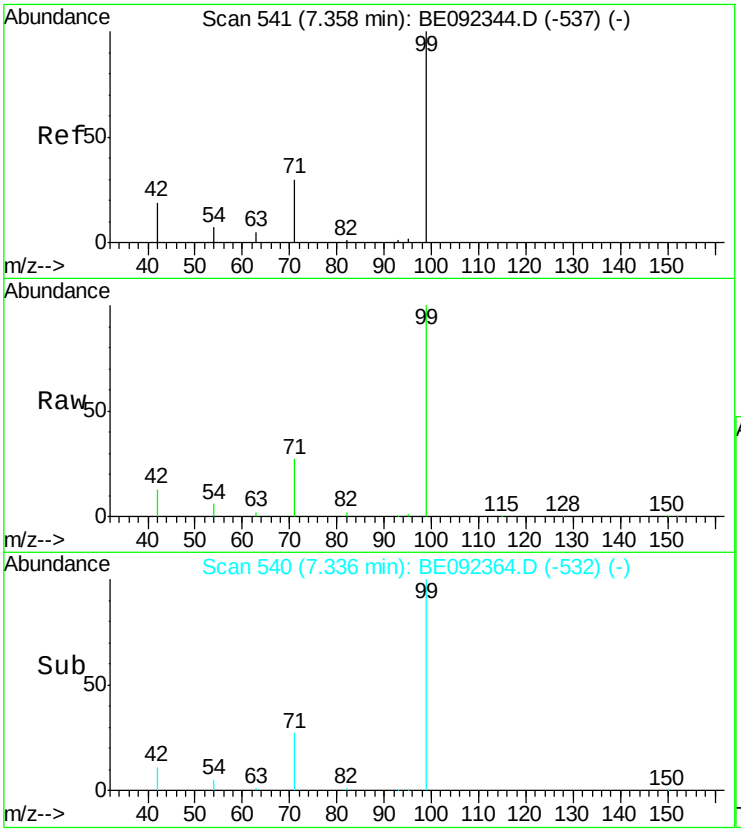


#4
2-Fluorophenol
Concen: 9.35 ng
RT: 5.68 min Scan# 364
Delta R.T. -0.01 min
Lab File: BE092364.D
Acq: 9 Sep 2016 20:52

Tgt Ion:112 Resp: 23553

Ion	Ratio	Lower	Upper
112	100		
64	67.6	53.5	80.3
63	35.9	27.9	41.9



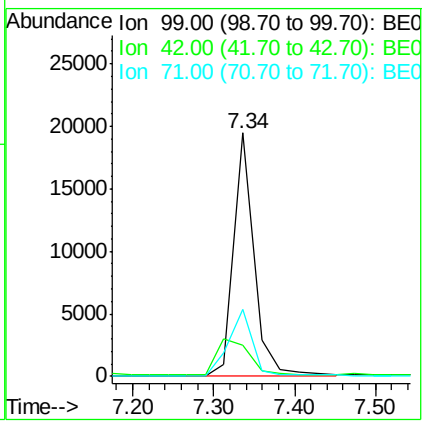


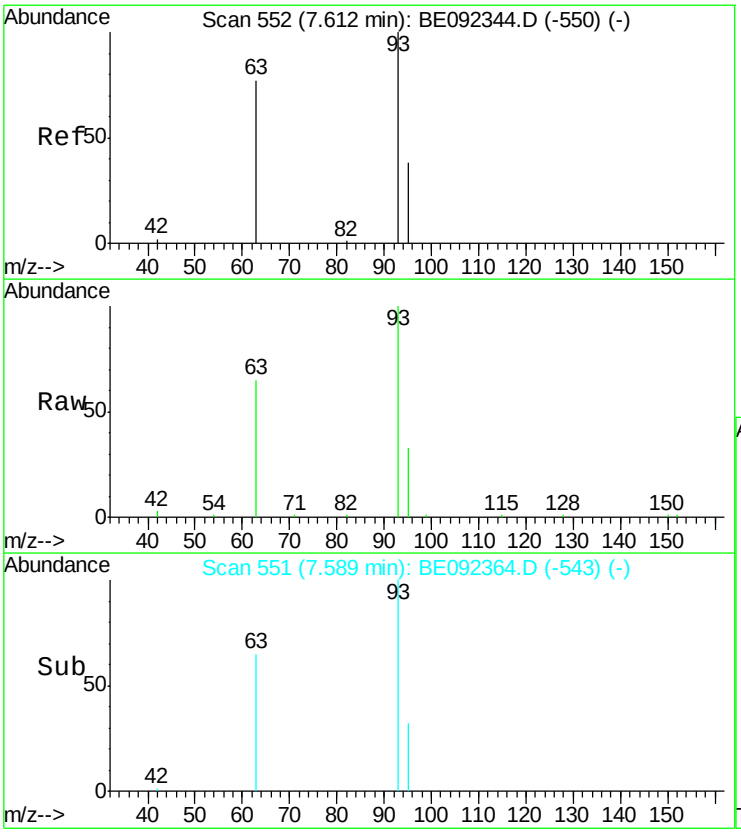
#5
Phenol-d6
Concen: 9.98 ng
RT: 7.34 min Scan# 540
Delta R.T. -0.02 min
Lab File: BE092364.D
Acq: 9 Sep 2016 20:52

Instrument :
BNA_E
ClientSampleId :
TILCON-MH-SF-006MS

Tgt Ion: 99 Resp: 33555

Ion	Ratio	Lower	Upper
99	100		
42	0.0	16.0	24.0#
71	32.2	30.6	45.8

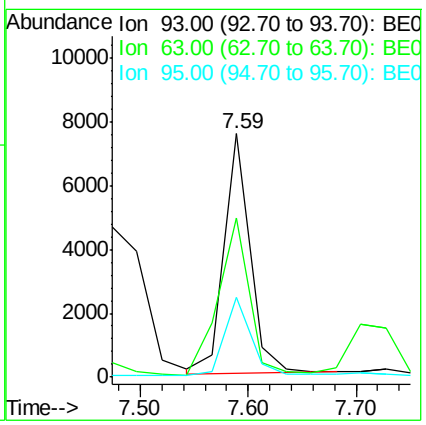


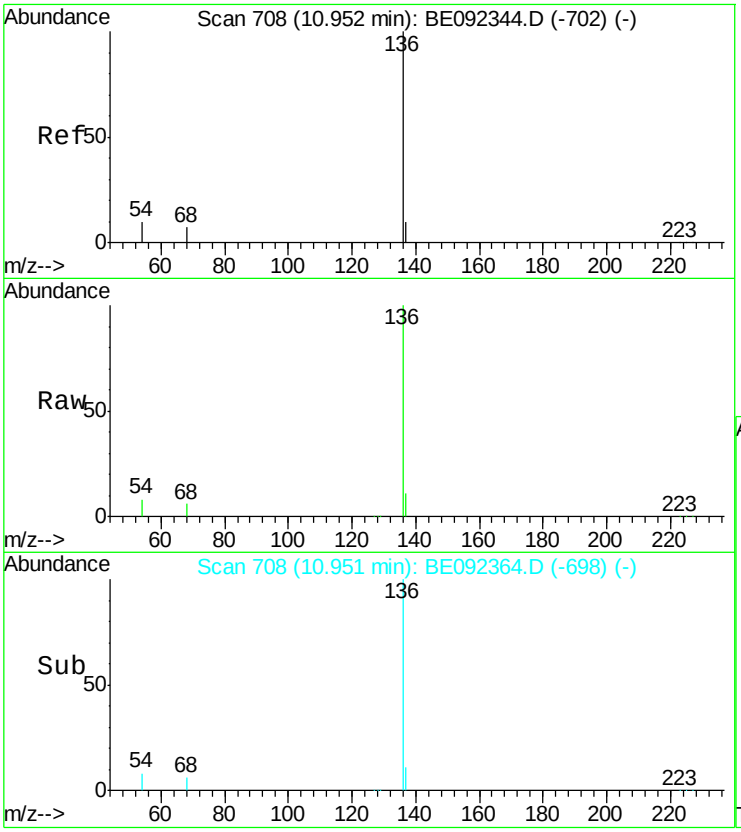


#6
bis(2-Chloroethyl)ether
Concen: 3.91 ng
RT: 7.59 min Scan# 551
Delta R.T. -0.02 min
Lab File: BE092364.D
Acq: 9 Sep 2016 20:52

Tgt Ion: 93 Resp: 12561

Ion	Ratio	Lower	Upper
93	100		
63	77.3	71.6	107.4
95	32.8	24.0	36.0



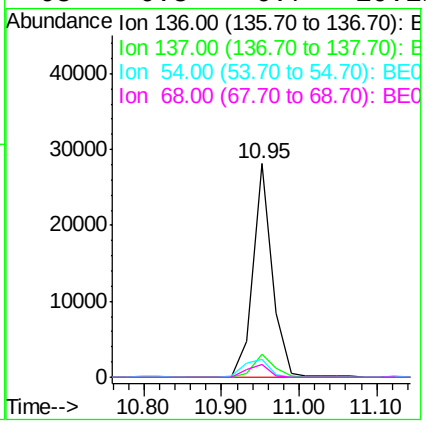


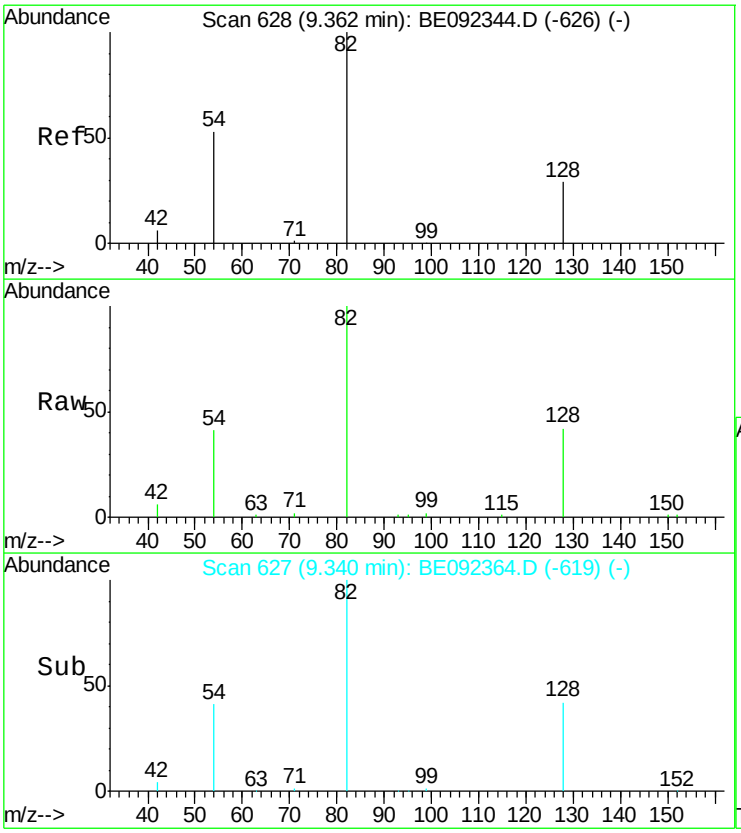
#7
Naphthalene-d8
Concen: 5.00 ng
RT: 10.95 min Scan# 708
Delta R.T. -0.00 min
Lab File: BE092364.D
Acq: 9 Sep 2016 20:52

Instrument :
BNA_E
ClientSampleId :
TILCON-MH-SF-006MS

Tgt Ion:136 Resp: 48457

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.2	12.4
54	8.4	9.6	14.4#
68	6.3	6.7	10.1#

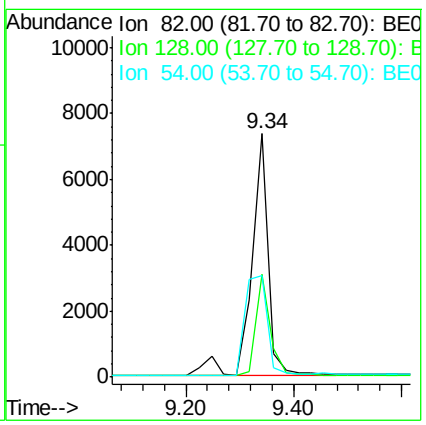


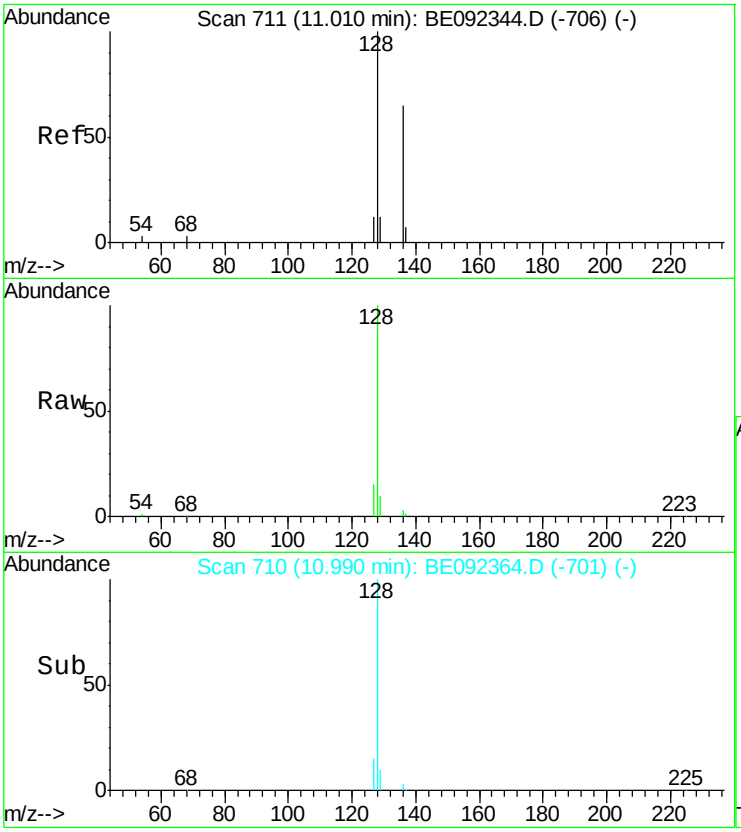


#8
Nitrobenzene-d5
Concen: 4.58 ng
RT: 9.34 min Scan# 627
Delta R.T. -0.02 min
Lab File: BE092364.D
Acq: 9 Sep 2016 20:52

Tgt Ion: 82 Resp: 15944

Ion	Ratio	Lower	Upper
82	100		
128	42.3	39.0	58.4
54	41.4	44.8	67.2#



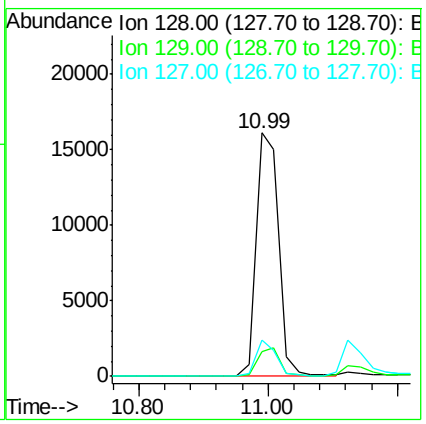


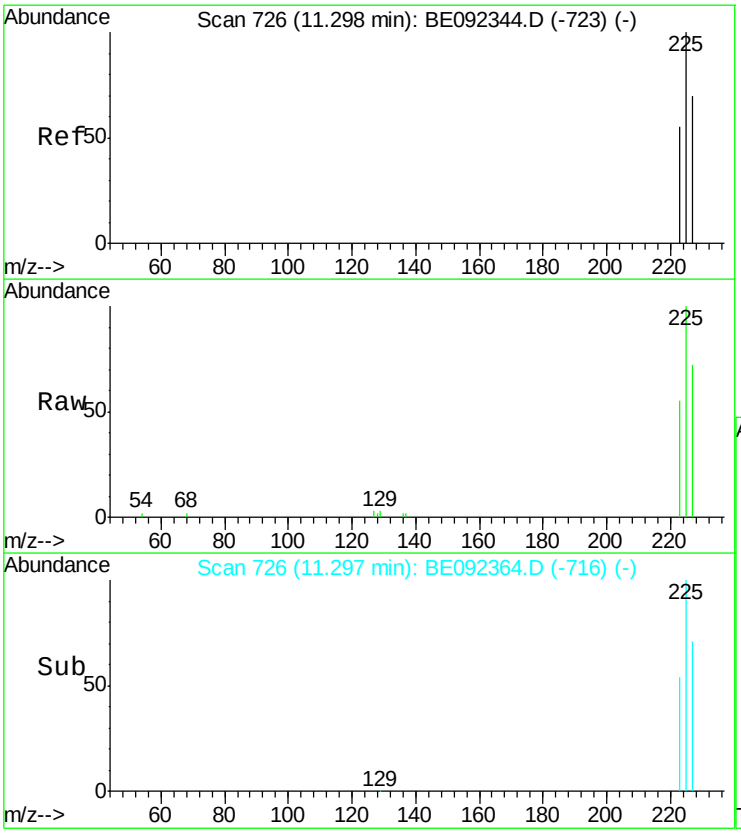
#9
Naphthalene
Concen: 3.56 ng
RT: 10.99 min Scan# 710
Delta R.T. -0.02 min
Lab File: BE092364.D
Acq: 9 Sep 2016 20:52

Instrument :
BNA_E
ClientSampleId :
TILCON-MH-SF-006MS

Tgt Ion:128 Resp: 38617

Ion	Ratio	Lower	Upper
128	100		
129	10.1	11.2	16.8#
127	14.9	11.6	17.4

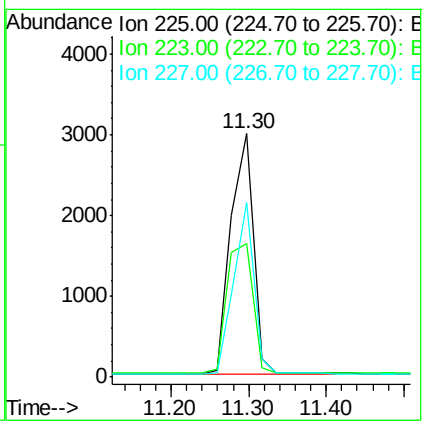


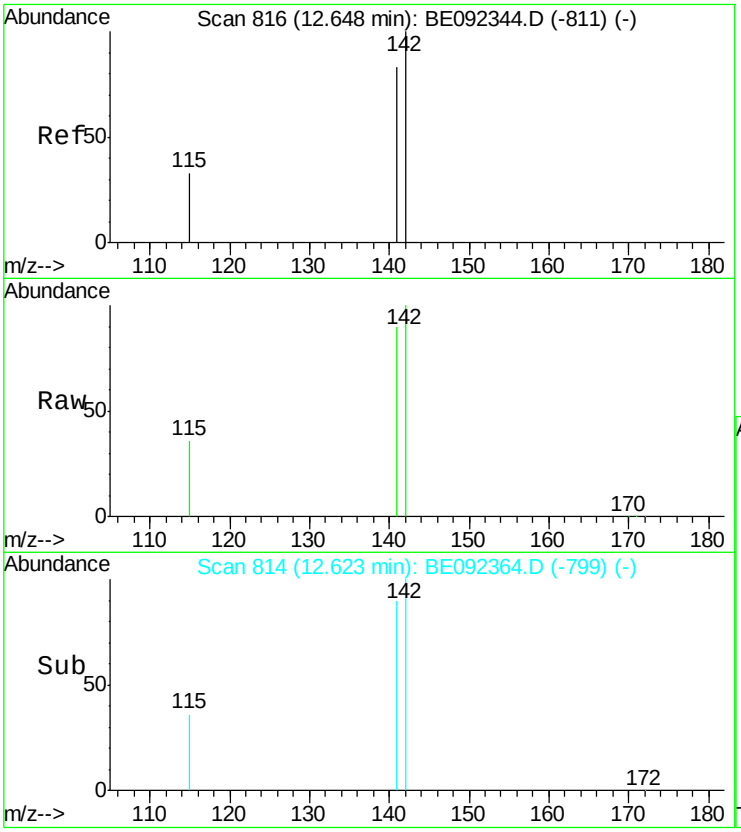


#10
Hexachlorobutadiene
Concen: 3.53 ng
RT: 11.30 min Scan# 726
Delta R.T. -0.00 min
Lab File: BE092364.D
Acq: 9 Sep 2016 20:52

Tgt Ion:225 Resp: 5982

Ion	Ratio	Lower	Upper
225	100		
223	62.7	50.6	76.0
227	63.6	51.4	77.0



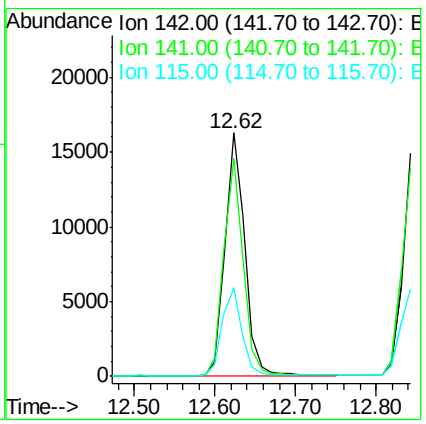


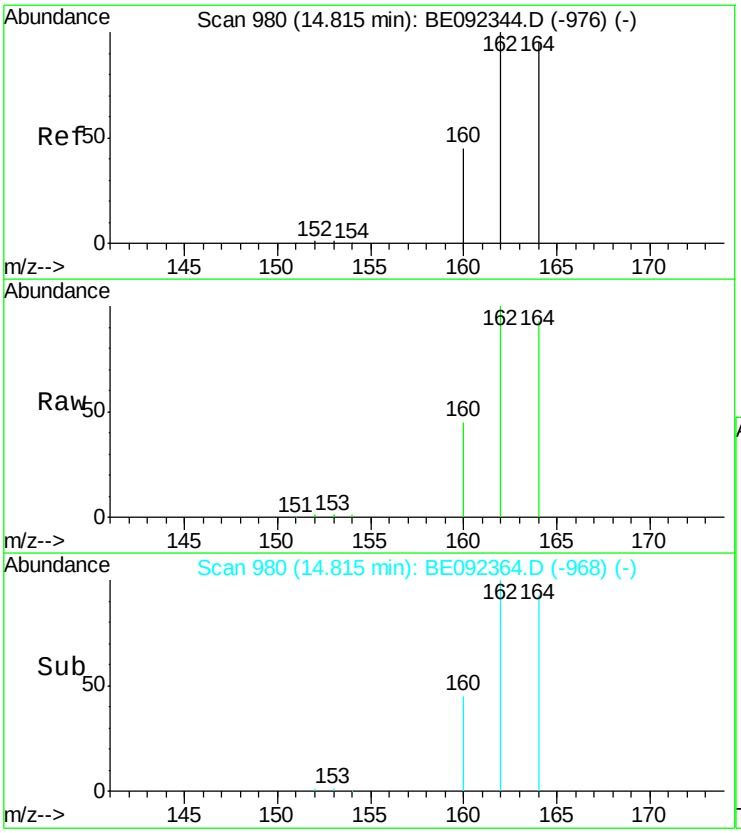
#11
2-Methylnaphthalene
Concen: 3.84 ng
RT: 12.62 min Scan# 814
Delta R.T. -0.02 min
Lab File: BE092364.D
Acq: 9 Sep 2016 20:52

Instrument :
BNA_E
ClientSampleId :
TILCON-MH-SF-006MS

Tgt Ion:142 Resp: 27268

Ion	Ratio	Lower	Upper
142	100		
141	89.8	73.7	110.5
115	36.2	34.0	51.0

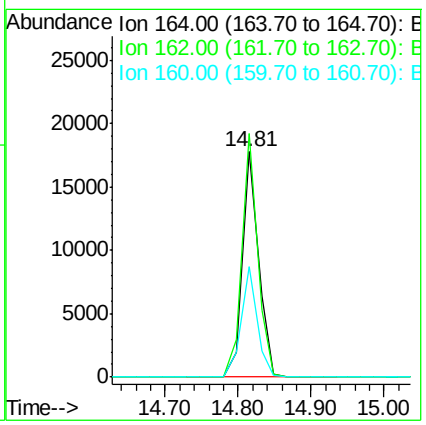


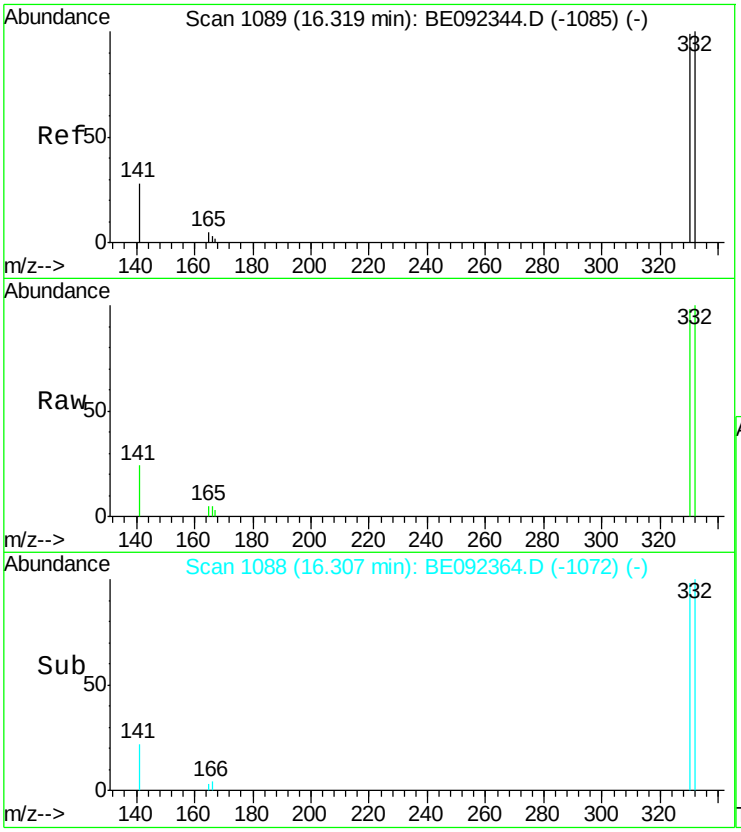


#12
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.81 min Scan# 980
Delta R.T. -0.00 min
Lab File: BE092364.D
Acq: 9 Sep 2016 20:52

Tgt Ion:164 Resp: 26818

Ion	Ratio	Lower	Upper
164	100		
162	108.0	71.4	107.0#
160	49.0	27.4	41.2#



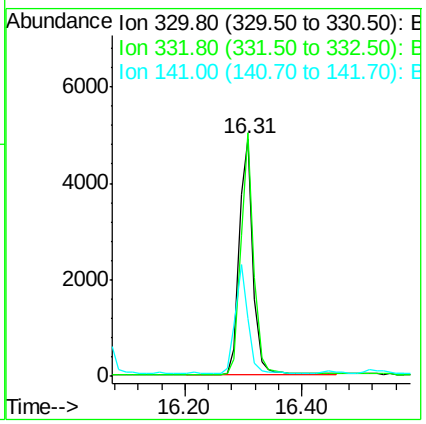


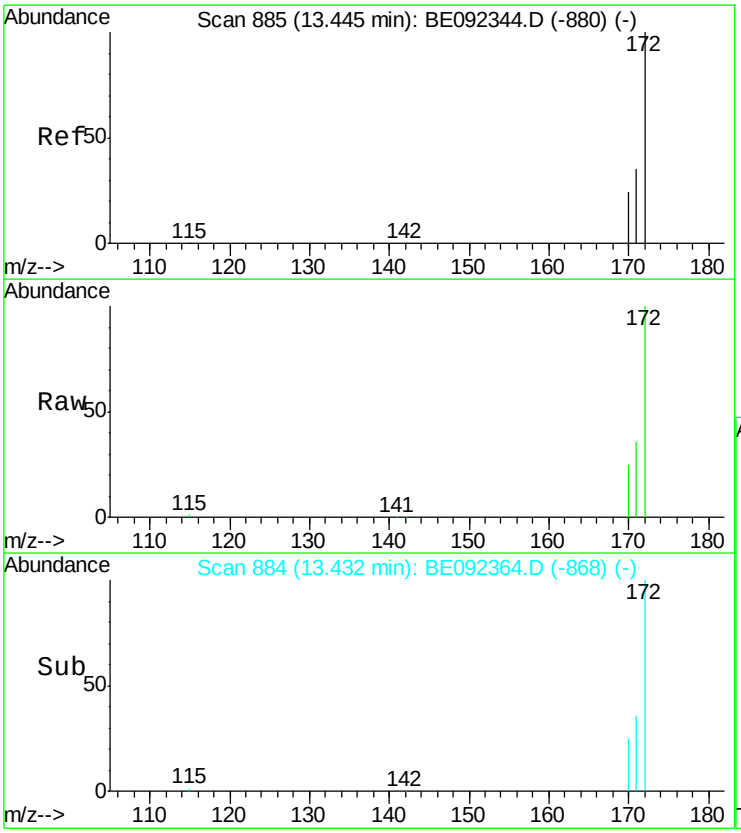
#13
2,4,6-Tribromophenol
Concen: 9.44 ng
RT: 16.31 min Scan# 1088
Delta R.T. -0.01 min
Lab File: BE092364.D
Acq: 9 Sep 2016 20:52

Instrument :
BNA_E
ClientSampleId :
TILCON-MH-SF-006MS

Tgt Ion:330 Resp: 7845

Ion	Ratio	Lower	Upper
330	100		
332	96.4	75.4	113.0
141	42.7	31.0	46.6

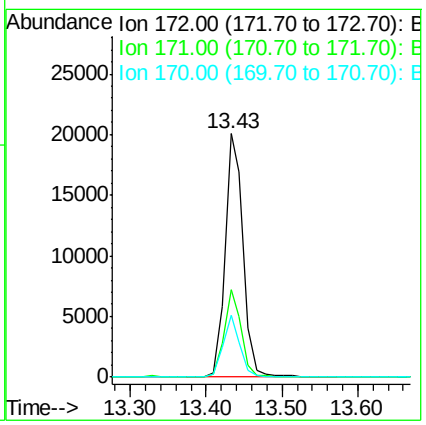


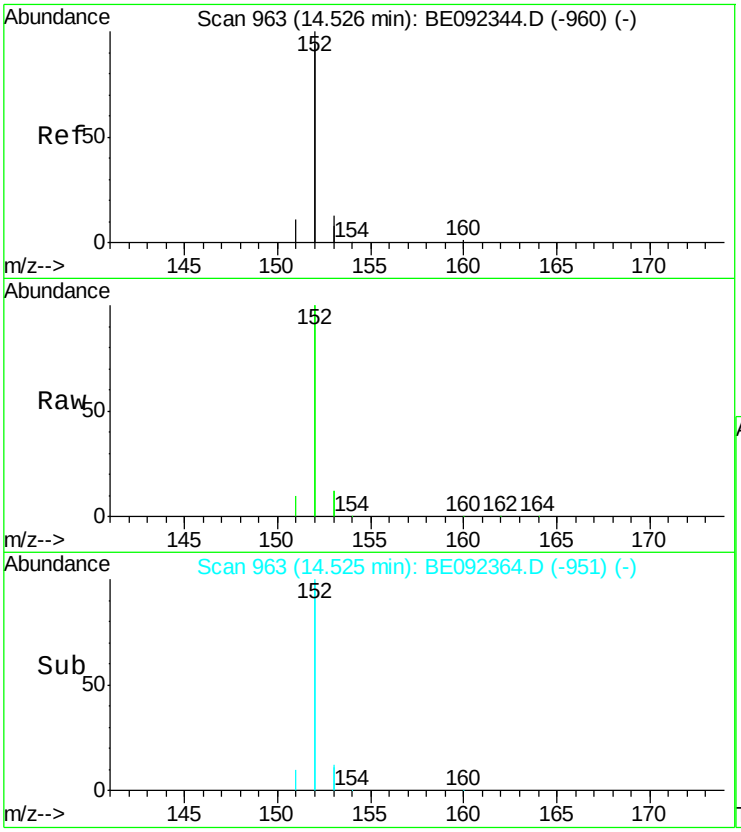


#14
2-Fluorobiphenyl
Concen: 4.05 ng
RT: 13.43 min Scan# 884
Delta R.T. -0.01 min
Lab File: BE092364.D
Acq: 9 Sep 2016 20:52

Tgt Ion:172 Resp: 33342

Ion	Ratio	Lower	Upper
172	100		
171	35.9	30.1	45.1
170	25.5	21.8	32.6



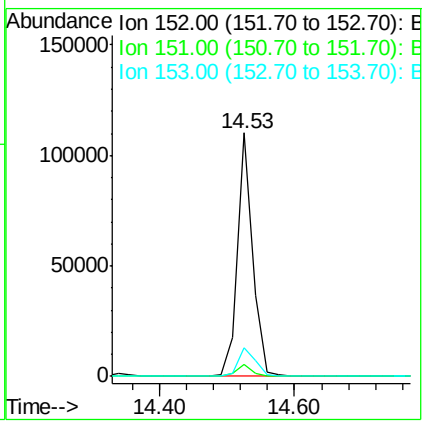


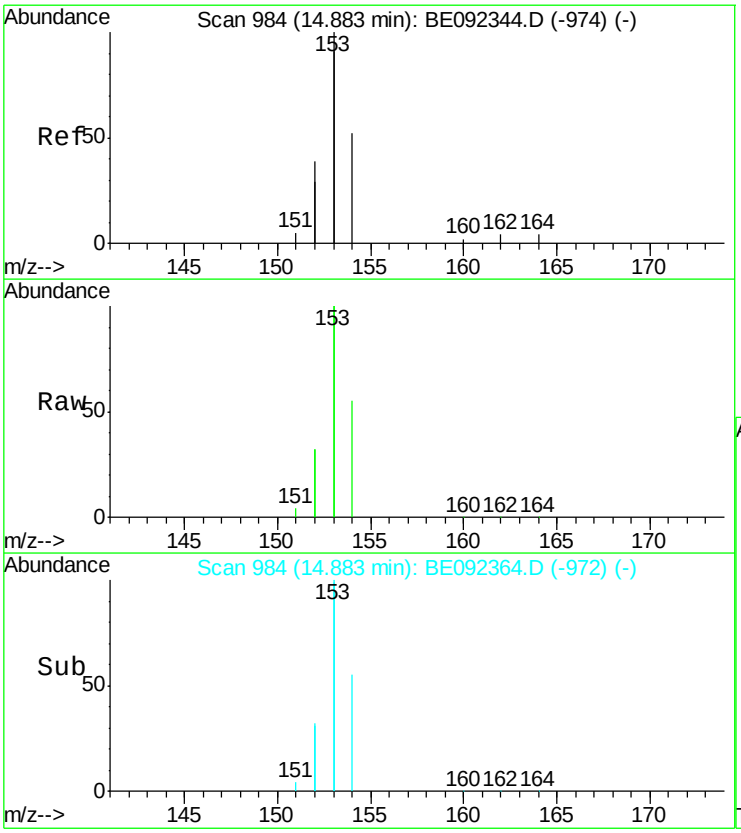
#15
Acenaphthylene
Concen: 3.71 ng
RT: 14.53 min Scan# 963
Delta R.T. -0.00 min
Lab File: BE092364.D
Acq: 9 Sep 2016 20:52

Instrument :
BNA_E
ClientSampleId :
TILCON-MH-SF-006MS

Tgt Ion:152 Resp: 171263

Ion	Ratio	Lower	Upper
152	100		
151	4.9	3.9	5.9
153	12.9	10.4	15.6

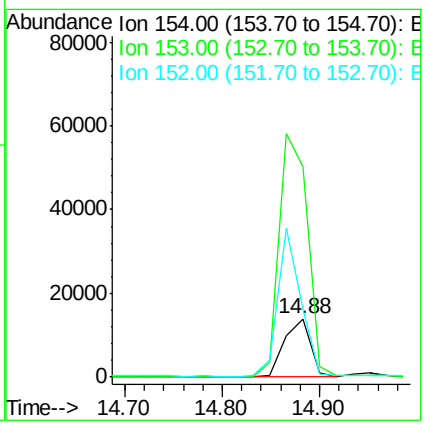


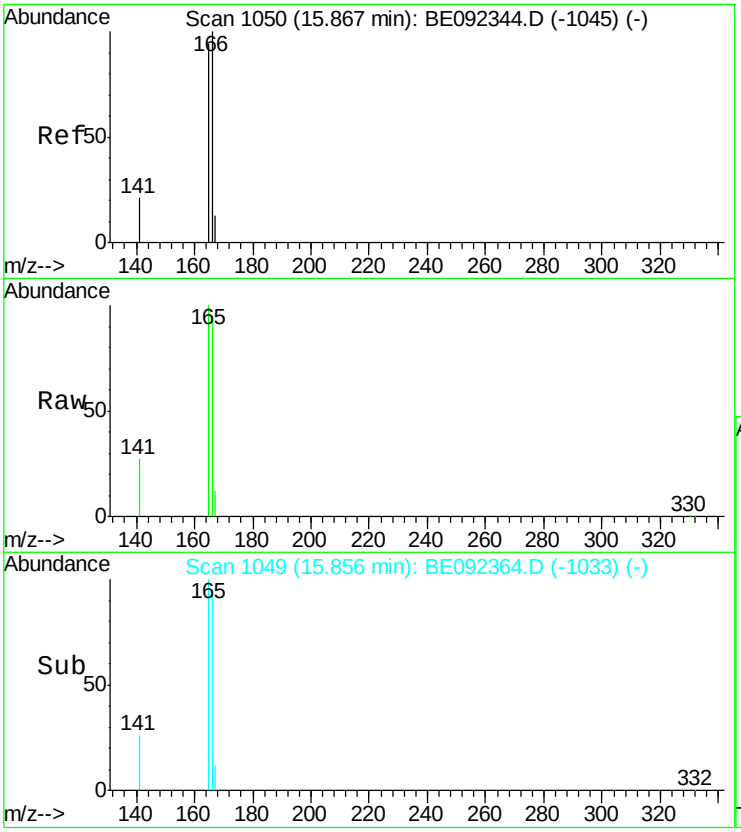


#16
Acenaphthene
Concen: 3.44 ng
RT: 14.88 min Scan# 984
Delta R.T. -0.00 min
Lab File: BE092364.D
Acq: 9 Sep 2016 20:52

Tgt Ion:154 Resp: 25680

Ion	Ratio	Lower	Upper
154	100		
153	453.4	350.8	526.2
152	223.2	171.1	256.7



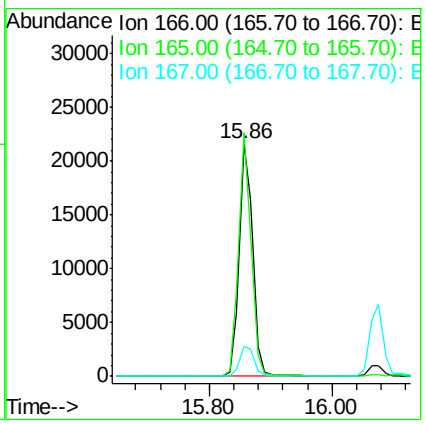


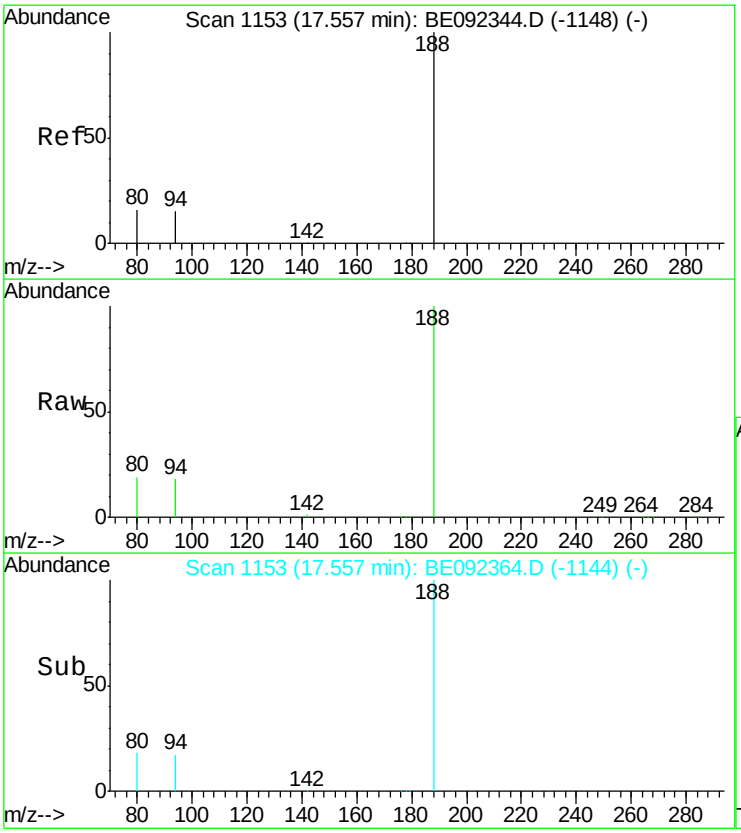
#17
Fluorene
Concen: 3.52 ng
RT: 15.86 min Scan# 1049
Delta R.T. -0.01 min
Lab File: BE092364.D
Acq: 9 Sep 2016 20:52

Instrument :
BNA_E
ClientSampleId :
TILCON-MH-SF-006MS

Tgt Ion:166 Resp: 33040

Ion	Ratio	Lower	Upper
166	100		
165	98.3	78.2	117.4
167	13.5	11.0	16.4

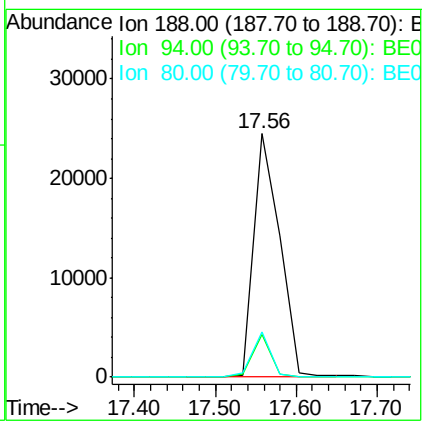


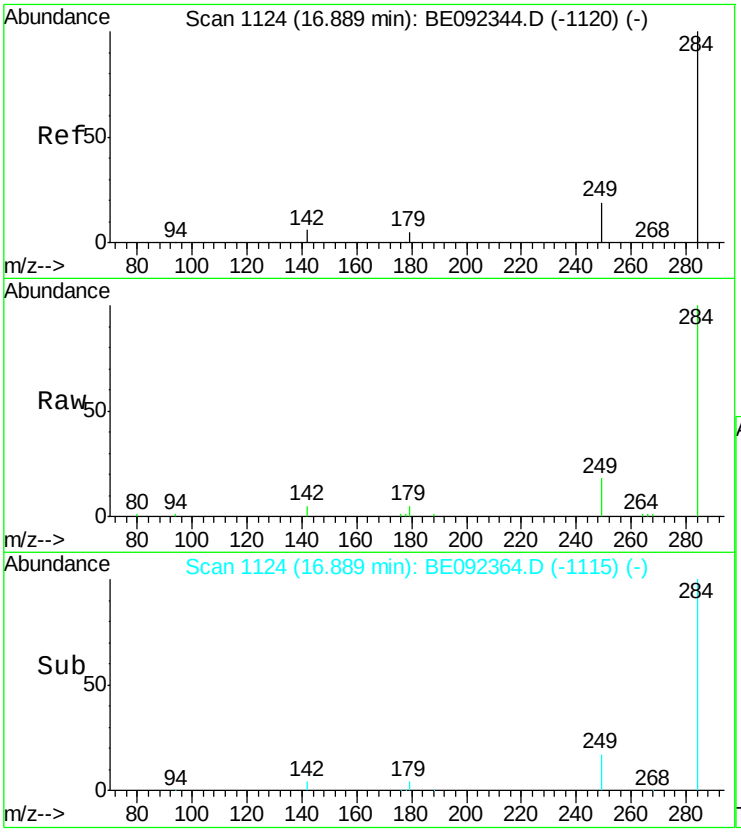


#18
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.56 min Scan# 1153
Delta R.T. 0.00 min
Lab File: BE092364.D
Acq: 9 Sep 2016 20:52

Tgt Ion:188 Resp: 54298

Ion	Ratio	Lower	Upper
188	100		
94	17.6	3.2	4.8#
80	18.7	2.6	3.8#



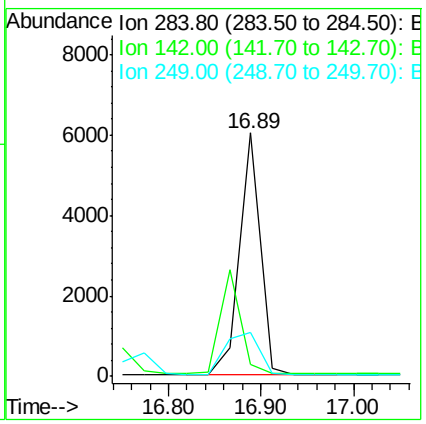


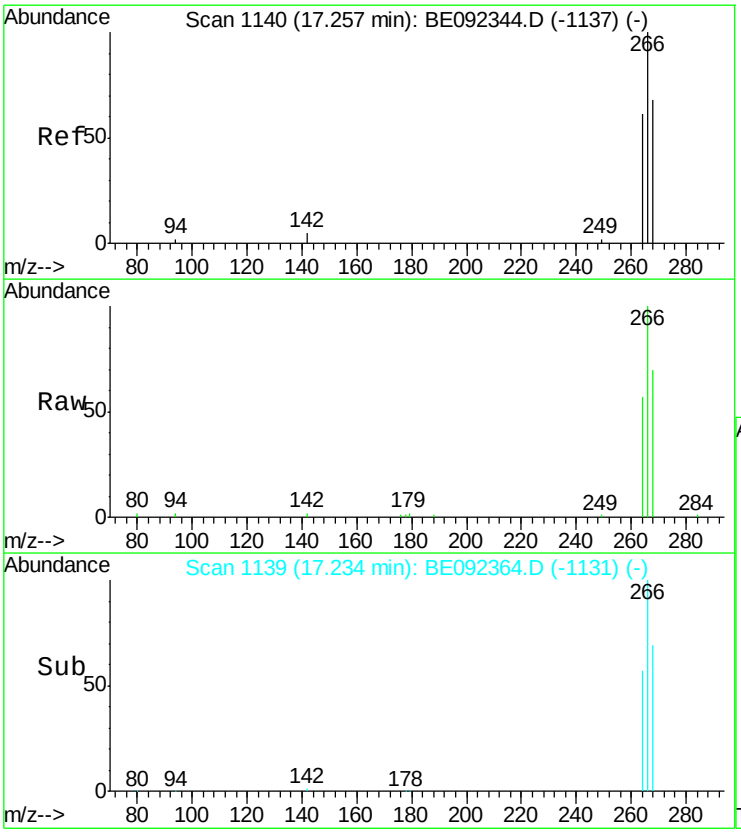
#19
Hexachlorobenzene
Concen: 3.63 ng
RT: 16.89 min Scan# 1124
Delta R.T. 0.00 min
Lab File: BE092364.D
Acq: 9 Sep 2016 20:52

Instrument :
BNA_E
ClientSampleId :
TILCON-MH-SF-006MS

Tgt Ion:284 Resp: 9429

Ion	Ratio	Lower	Upper
284	100		
142	0.0	29.1	43.7#
249	28.7	27.9	41.9

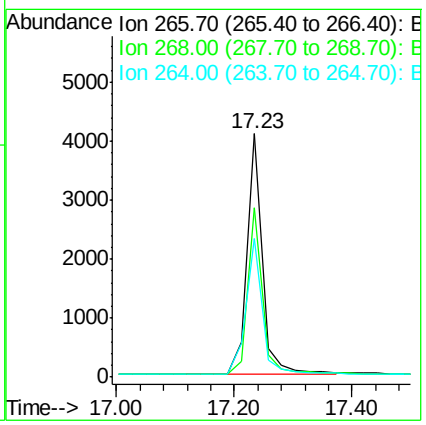


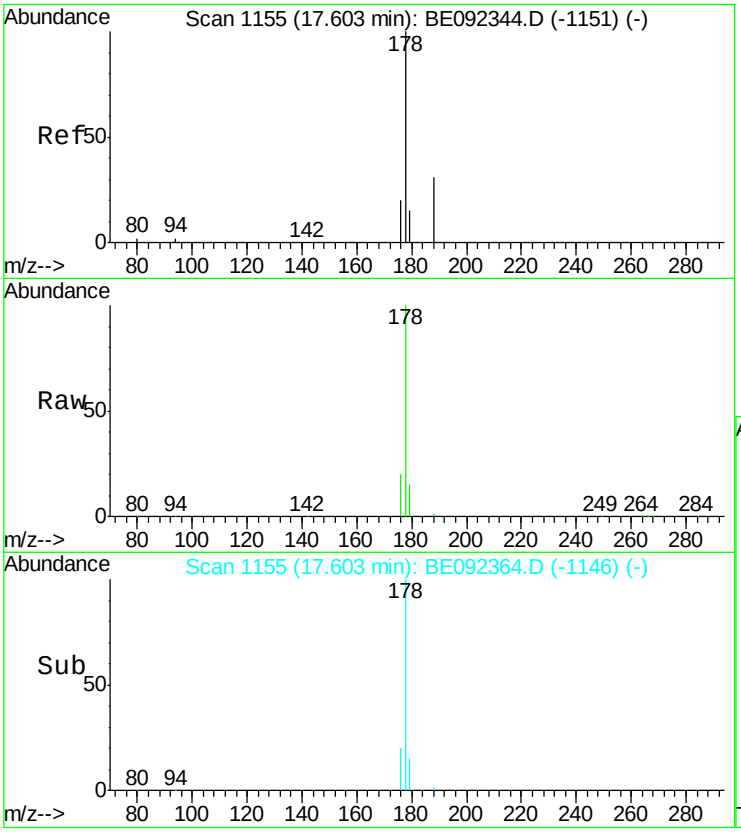


#20
Pentachlorophenol
Concen: 5.96 ng
RT: 17.23 min Scan# 1139
Delta R.T. -0.02 min
Lab File: BE092364.D
Acq: 9 Sep 2016 20:52

Tgt Ion:266 Resp: 7492

Ion	Ratio	Lower	Upper
266	100		
268	69.8	62.5	93.7
264	57.1	57.2	85.8#



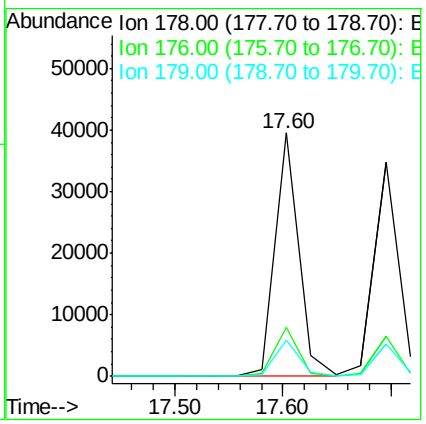


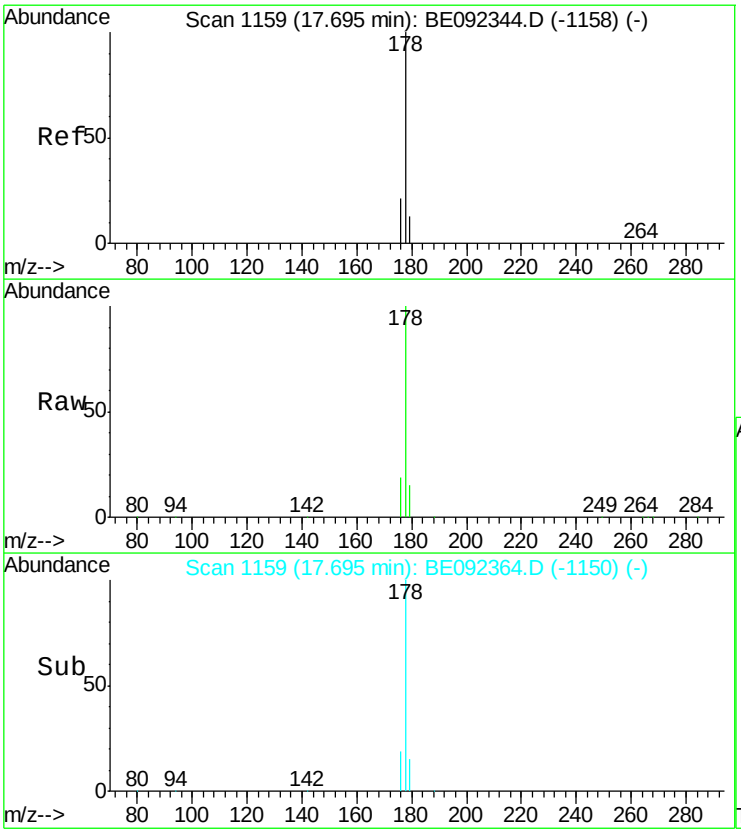
#21
Phenanthrene
Concen: 3.99 ng
RT: 17.60 min Scan# 1155
Delta R.T. 0.00 min
Lab File: BE092364.D
Acq: 9 Sep 2016 20:52

Instrument :
BNA_E
ClientSampleId :
TILCON-MH-SF-006MS

Tgt Ion:178 Resp: 60869

Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.8	23.8
179	15.0	16.0	24.0#

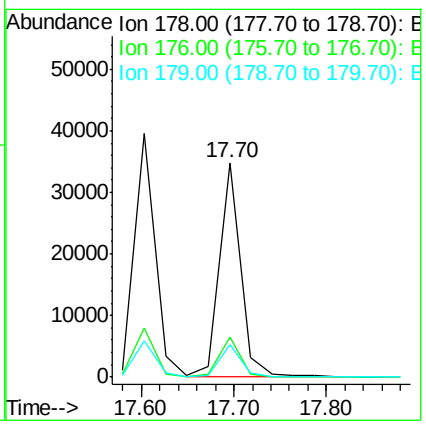


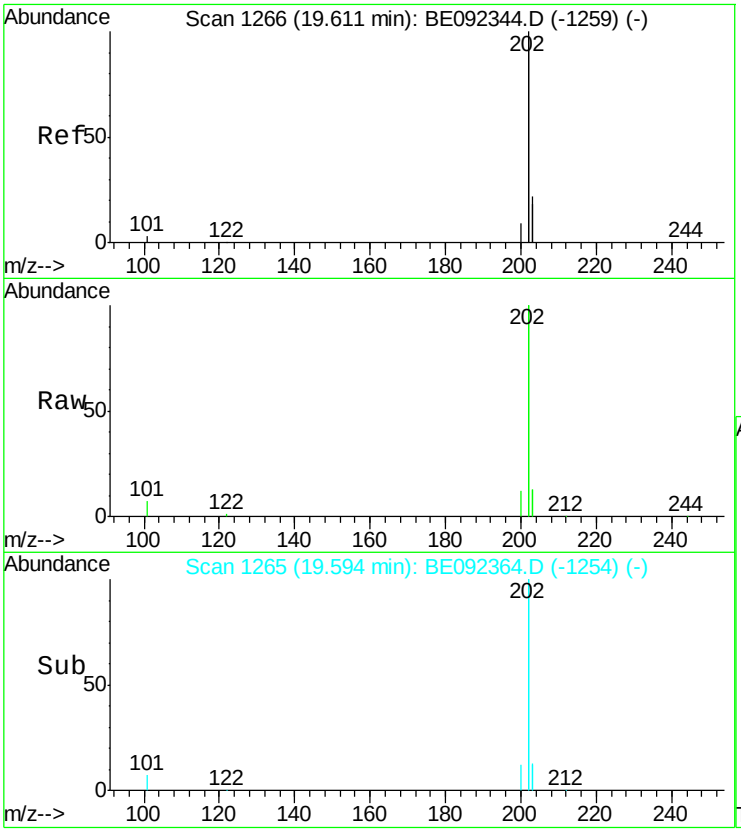


#22
Anthracene
Concen: 4.05 ng
RT: 17.70 min Scan# 1159
Delta R.T. 0.00 min
Lab File: BE092364.D
Acq: 9 Sep 2016 20:52

Tgt Ion:178 Resp: 54997

Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.0	22.4
179	15.3	12.2	18.2



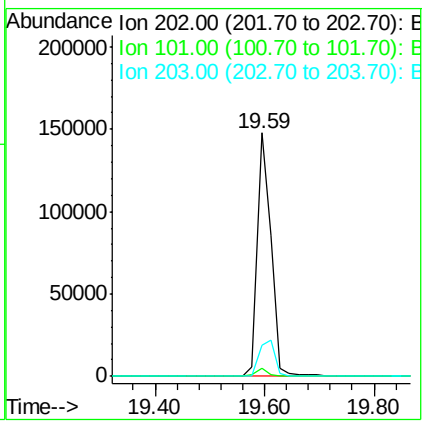


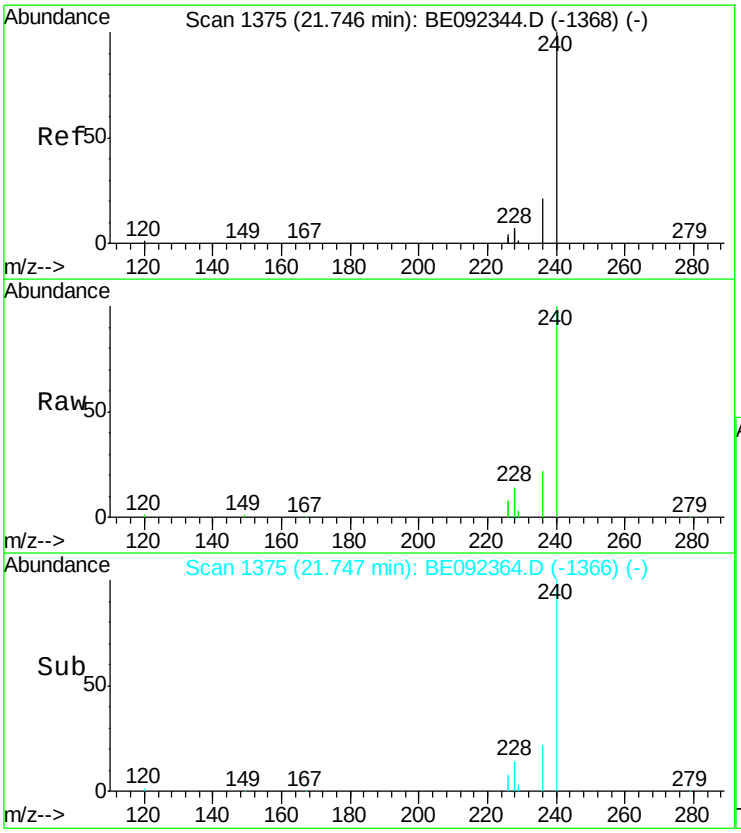
#23
Fluoranthene
Concen: 3.81 ng
RT: 19.59 min Scan# 1265
Delta R.T. -0.02 min
Lab File: BE092364.D
Acq: 9 Sep 2016 20:52

Instrument :
BNA_E
ClientSampleId :
TILCON-MH-SF-006MS

Tgt Ion:202 Resp: 253765

Ion	Ratio	Lower	Upper
202	100		
101	2.9	2.2	3.4
203	17.4	13.7	20.5

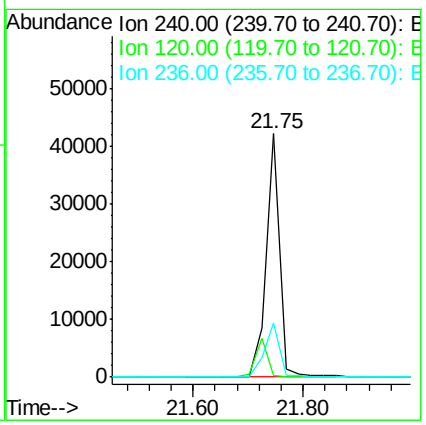


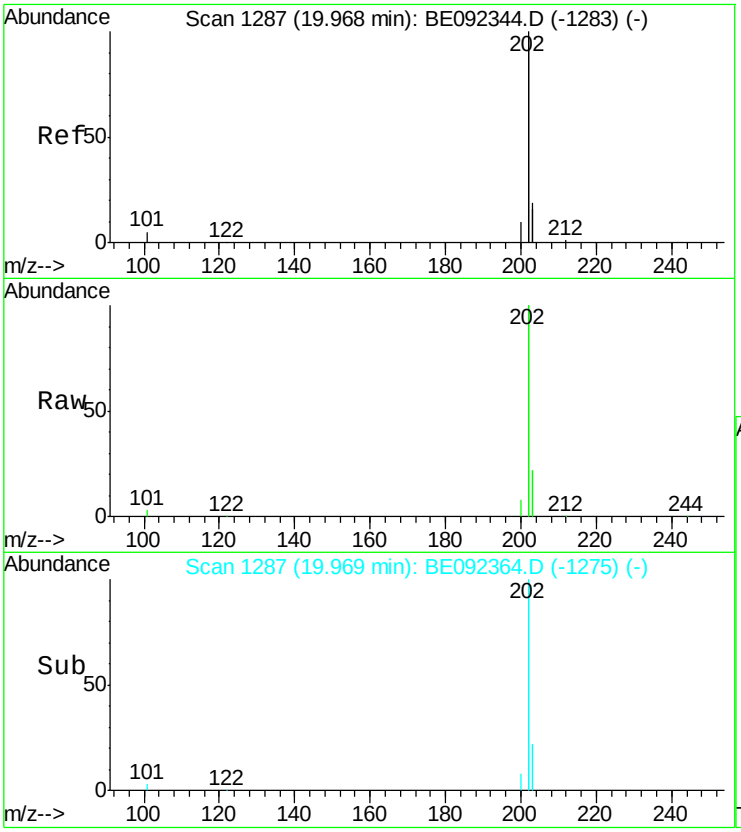


#24
Chrysene-d12
Concen: 5.00 ng
RT: 21.75 min Scan# 1375
Delta R.T. 0.00 min
Lab File: BE092364.D
Acq: 9 Sep 2016 20:52

Tgt Ion:240 Resp: 71843

Ion	Ratio	Lower	Upper
240	100		
120	0.8	2.6	4.0#
236	22.1	24.6	37.0#



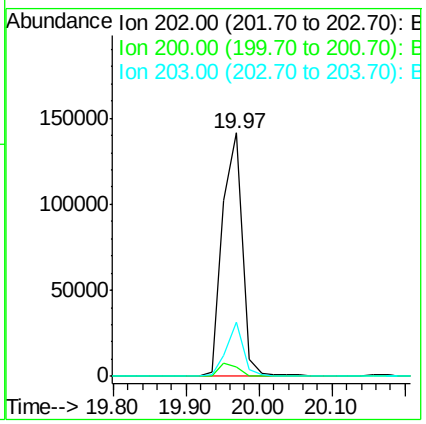


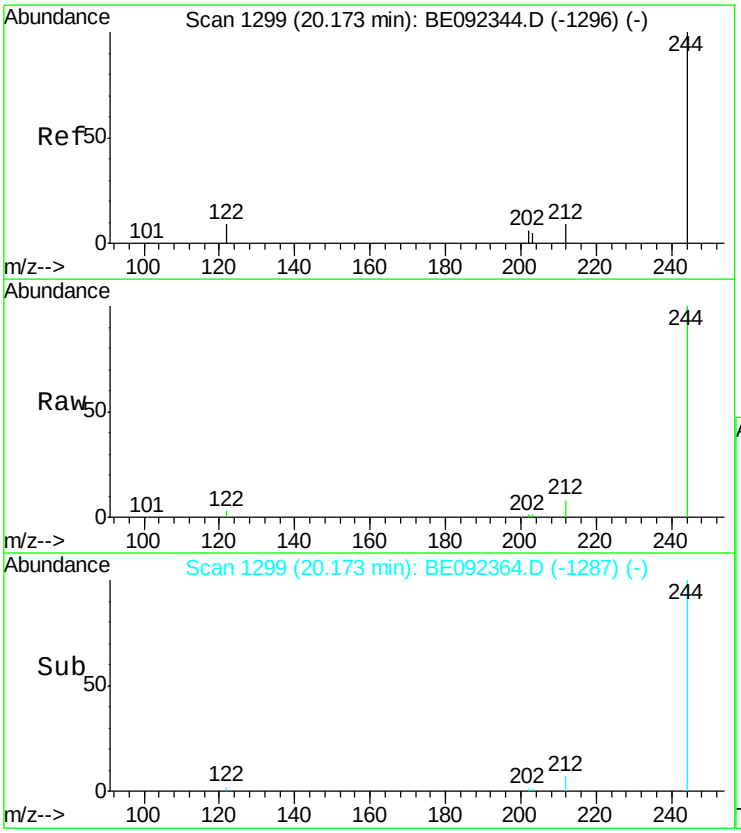
#25
Pyrene
Concen: 3.79 ng
RT: 19.97 min Scan# 1287
Delta R.T. 0.00 min
Lab File: BE092364.D
Acq: 9 Sep 2016 20:52

Instrument :
BNA_E
ClientSampleId :
TILCON-MH-SF-006MS

Tgt Ion:202 Resp: 265124

Ion	Ratio	Lower	Upper
202	100		
200	5.3	4.2	6.4
203	18.5	13.9	20.9

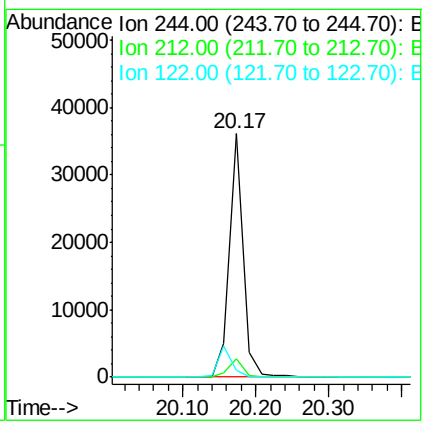


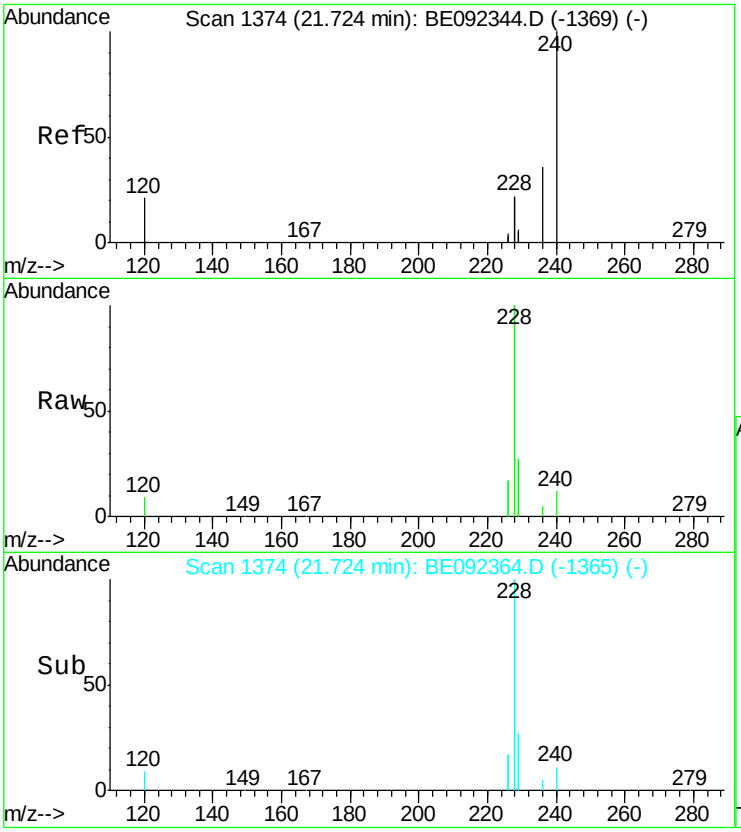


#26
Terphenyl-d14
Concen: 4.38 ng
RT: 20.17 min Scan# 1299
Delta R.T. 0.00 min
Lab File: BE092364.D
Acq: 9 Sep 2016 20:52

Tgt Ion:244 Resp: 46528

Ion	Ratio	Lower	Upper
244	100		
212	7.6	6.7	10.1
122	3.0	3.6	5.4#



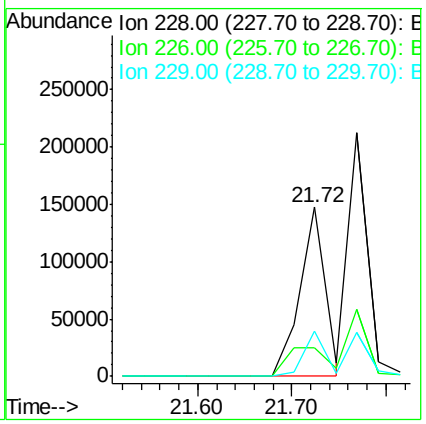


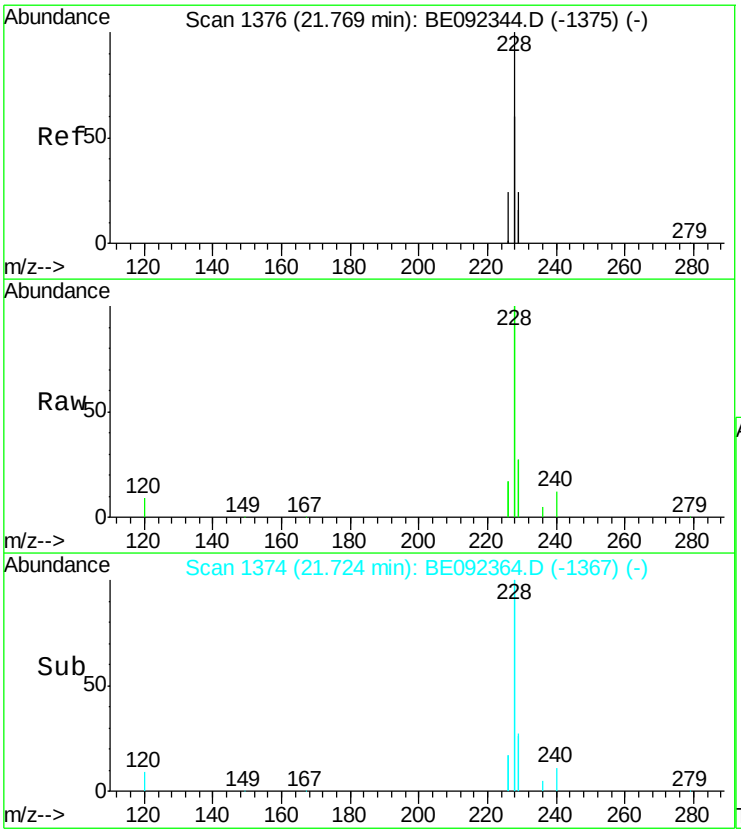
#27
Benzo(a)anthracene
Concen: 3.57 ng
RT: 21.72 min Scan# 1374
Delta R.T. 0.00 min
Lab File: BE092364.D
Acq: 9 Sep 2016 20:52

Instrument :
BNA_E
ClientSampleId :
TILCON-MH-SF-006MS

Tgt Ion:228 Resp: 277123

Ion	Ratio	Lower	Upper
228	100		
226	17.2	23.6	35.4#
229	26.5	13.3	19.9#

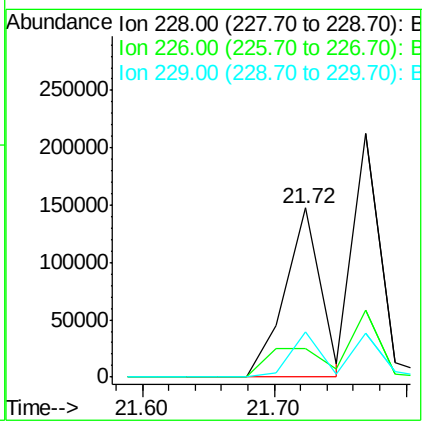


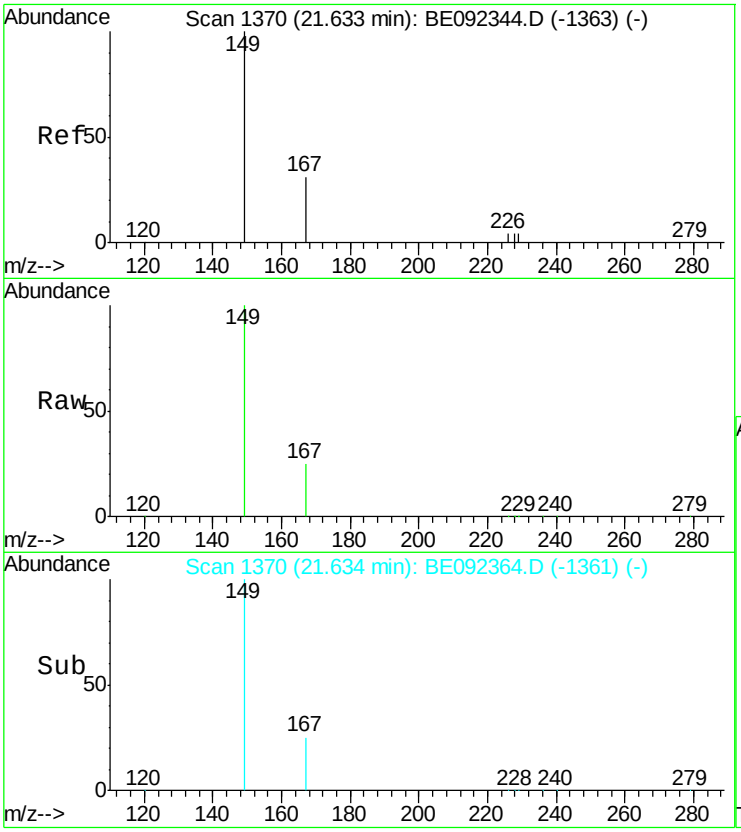


#28
Chrysene
Concen: 3.84 ng
RT: 21.72 min Scan# 1374
Delta R.T. -0.04 min
Lab File: BE092364.D
Acq: 9 Sep 2016 20:52

Tgt Ion:228 Resp: 277029

Ion	Ratio	Lower	Upper
228	100		
226	17.2	36.3	54.5#
229	26.5	10.6	16.0#



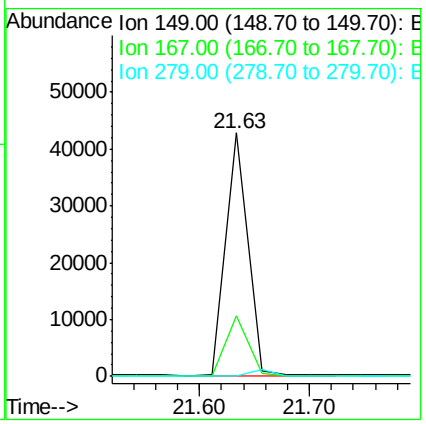


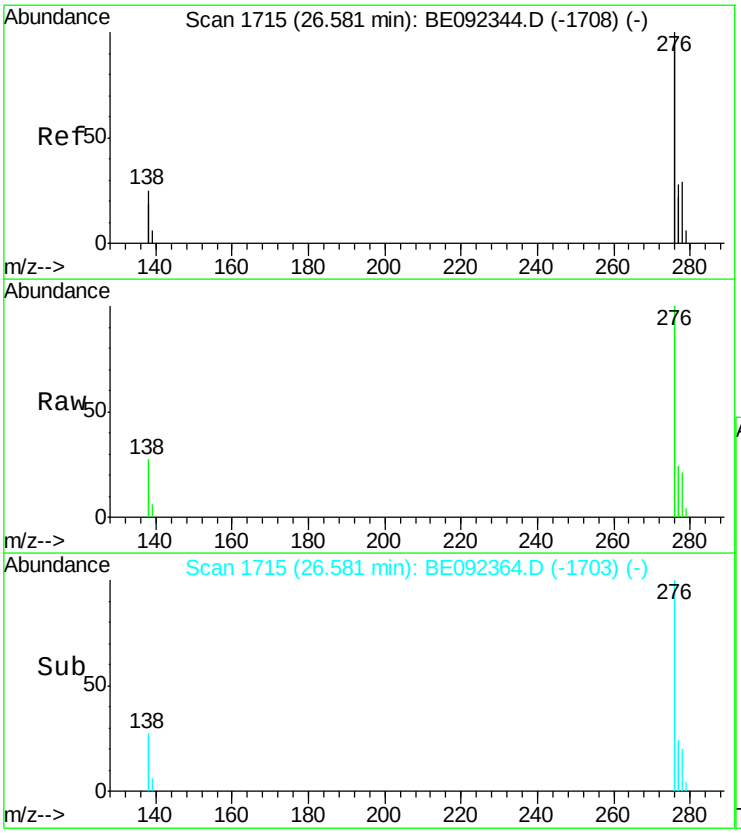
#29
Bis(2-ethylhexyl)phthalate
Concen: Below Cal
RT: 21.63 min Scan# 1370
Delta R.T. 0.00 min
Lab File: BE092364.D
Acq: 9 Sep 2016 20:52

Instrument :
BNA_E
ClientSampleId :
TILCON-MH-SF-006MS

Tgt Ion:149 Resp: 59703

Ion	Ratio	Lower	Upper
149	100		
167	25.0	16.0	24.0#
279	0.0	16.0	24.0#

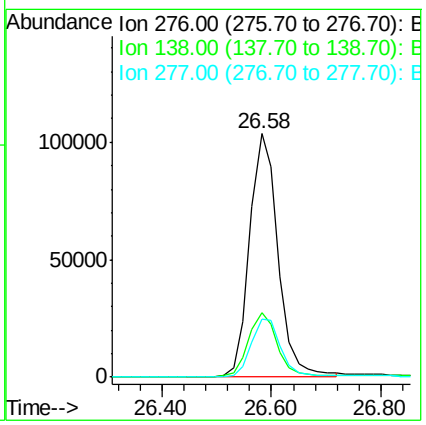


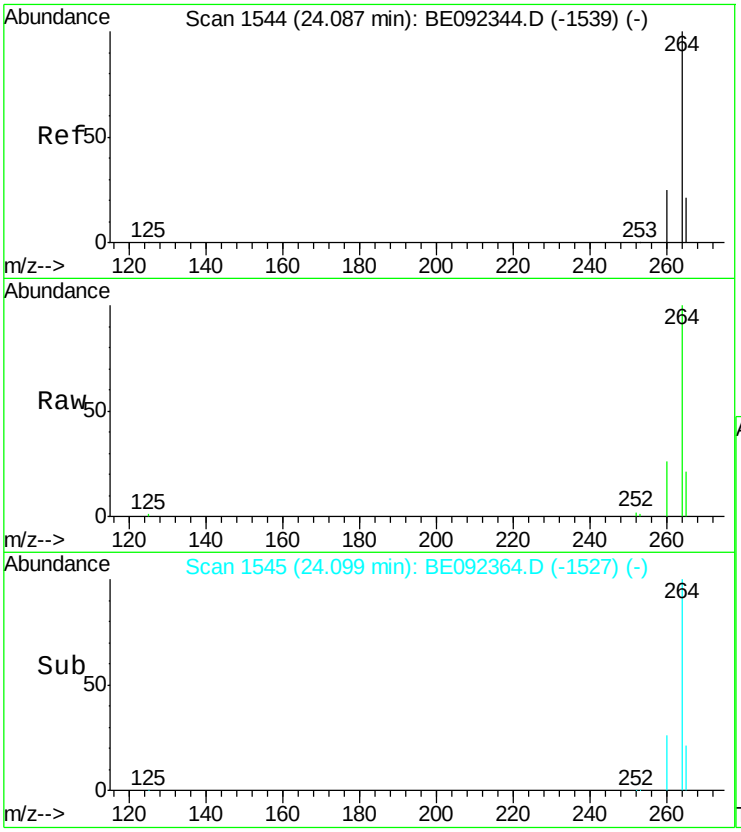


#30
Indeno(1,2,3-cd)pyrene
Concen: 4.55 ng
RT: 26.58 min Scan# 1715
Delta R.T. 0.00 min
Lab File: BE092364.D
Acq: 9 Sep 2016 20:52

Tgt Ion:276 Resp: 371392

Ion	Ratio	Lower	Upper
276	100		
138	26.7	20.3	30.5
277	24.8	19.7	29.5



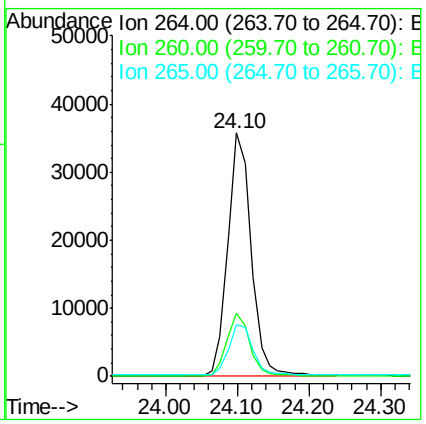


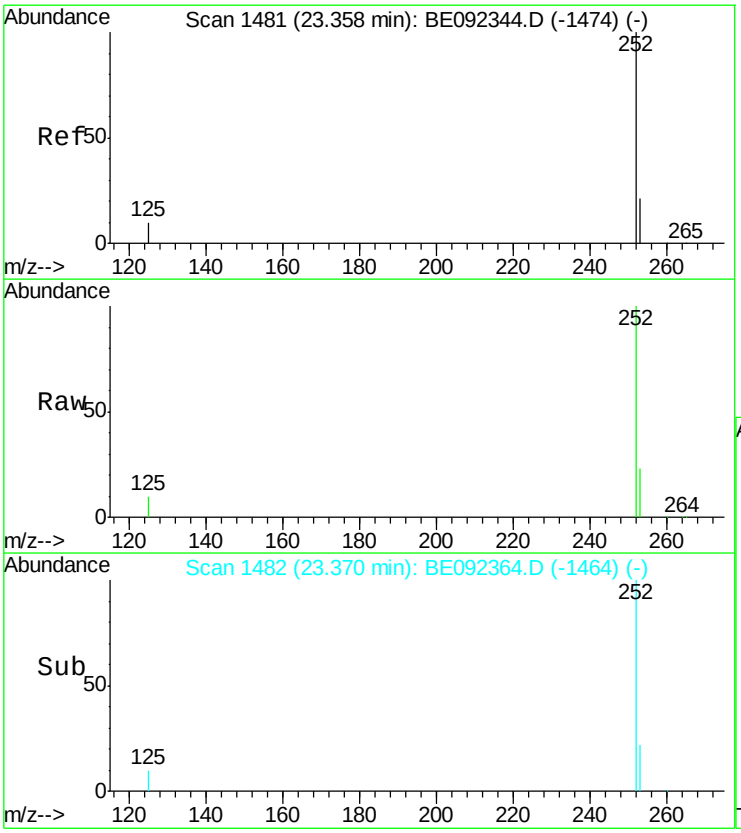
#31
Perylene-d12
Concen: 5.00 ng
RT: 24.10 min Scan# 1545
Delta R.T. 0.01 min
Lab File: BE092364.D
Acq: 9 Sep 2016 20:52

Instrument :
BNA_E
ClientSampleId :
TILCON-MH-SF-006MS

Tgt Ion:264 Resp: 81084

Ion	Ratio	Lower	Upper
264	100		
260	25.8	20.1	30.1
265	21.4	17.9	26.9

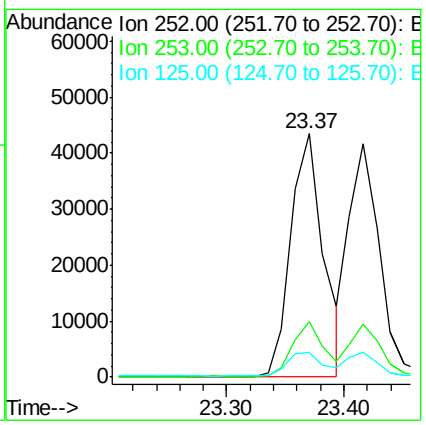


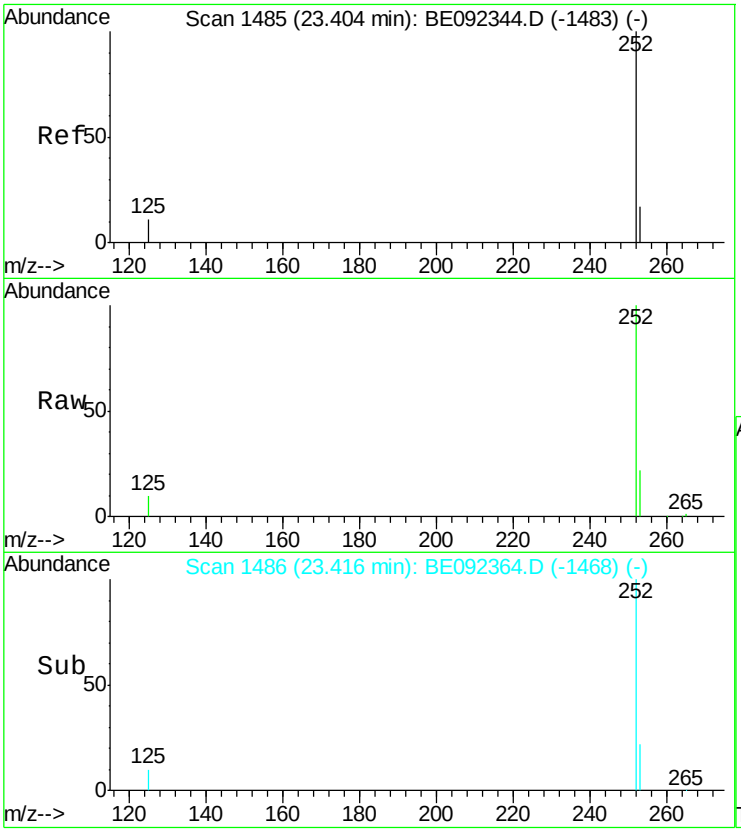


#32
Benzo(b)fluoranthene
Concen: 4.02 ng
RT: 23.37 min Scan# 1482
Delta R.T. 0.01 min
Lab File: BE092364.D
Acq: 9 Sep 2016 20:52

Tgt Ion:252 Resp: 83732

Ion	Ratio	Lower	Upper
252	100		
253	22.6	18.7	28.1
125	10.2	10.5	15.7#



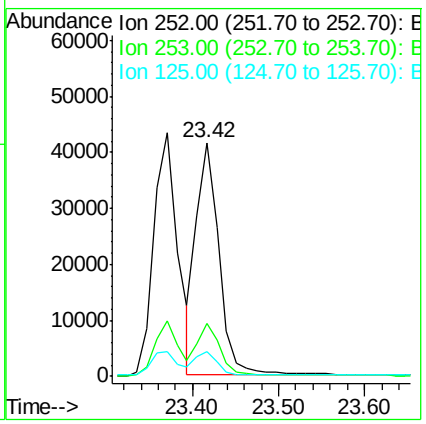


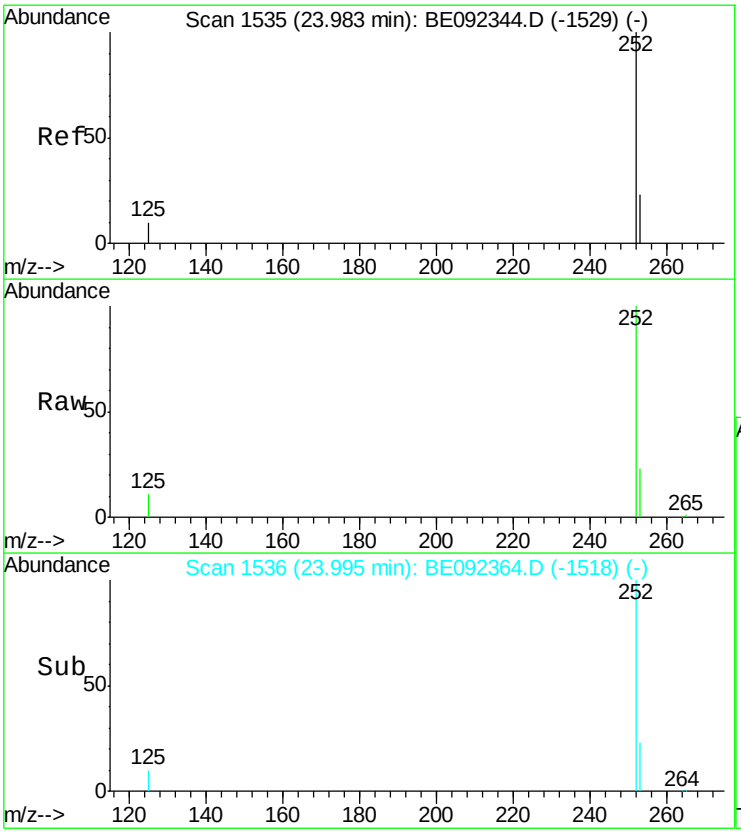
#33
Benzo(k)fluoranthene
Concen: 3.46 ng
RT: 23.42 min Scan# 1486
Delta R.T. 0.01 min
Lab File: BE092364.D
Acq: 9 Sep 2016 20:52

Instrument :
BNA_E
ClientSampleId :
TILCON-MH-SF-006MS

Tgt Ion:252 Resp: 76207

Ion	Ratio	Lower	Upper
252	100		
253	22.4	20.3	30.5
125	10.3	9.6	14.4

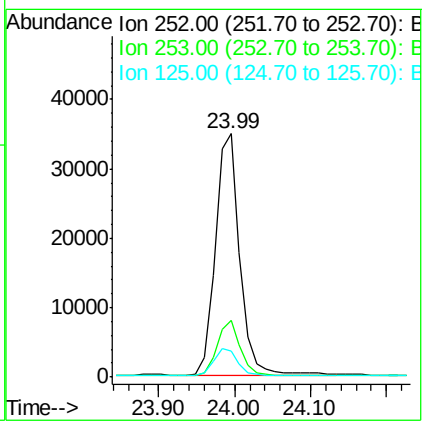


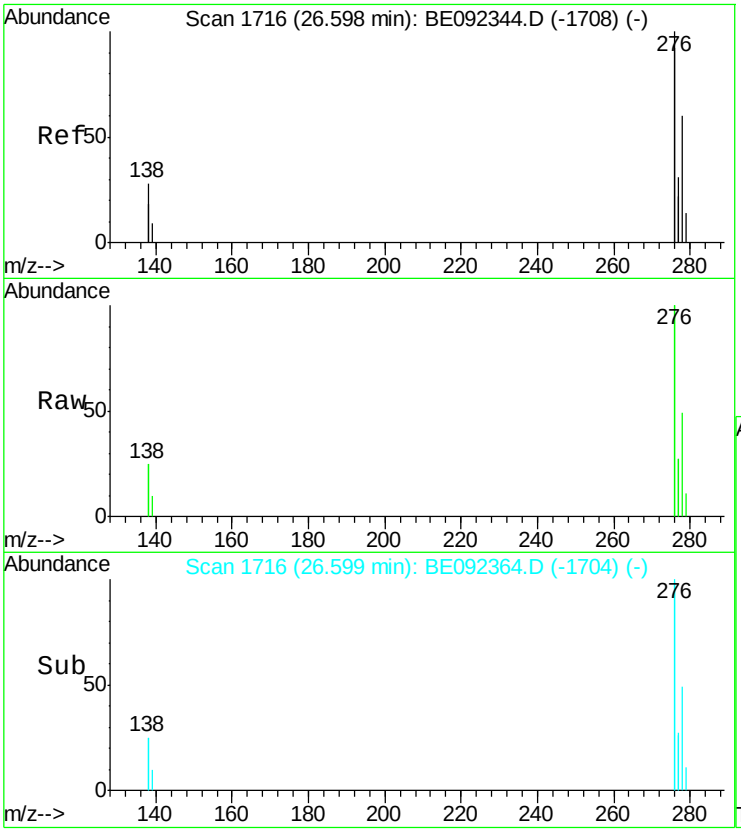


#34
Benzo(a)pyrene
Concen: 3.88 ng
RT: 23.99 min Scan# 1536
Delta R.T. 0.01 min
Lab File: BE092364.D
Acq: 9 Sep 2016 20:52

Tgt Ion:252 Resp: 79557

Ion	Ratio	Lower	Upper
252	100		
253	23.3	19.0	28.6
125	10.9	11.8	17.8#



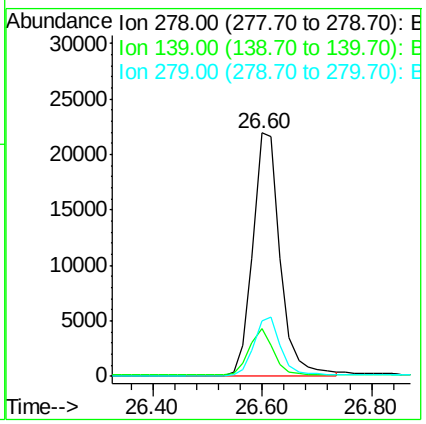


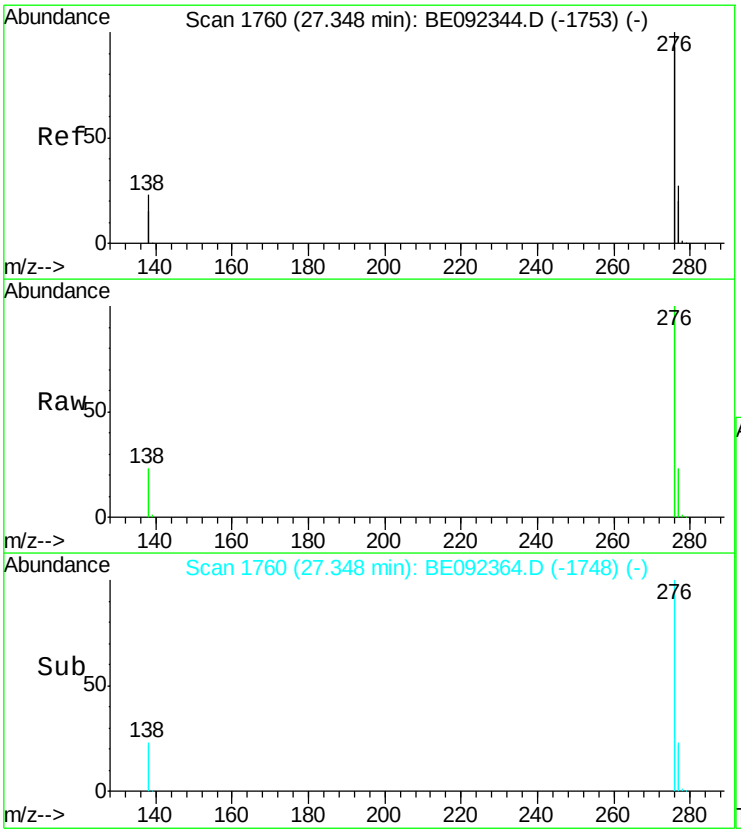
#35
Dibenzo(a,h)anthracene
Concen: 4.02 ng
RT: 26.60 min Scan# 1716
Delta R.T. 0.00 min
Lab File: BE092364.D
Acq: 9 Sep 2016 20:52

Instrument :
BNA_E
ClientSampleId :
TILCON-MH-SF-006MS

Tgt Ion:278 Resp: 76250

Ion	Ratio	Lower	Upper
278	100		
139	19.8	13.8	20.8
279	22.7	21.4	32.2





#36
Benzo(g,h,i)perylene
Concen: 4.01 ng
RT: 27.35 min Scan# 1760
Delta R.T. 0.00 min
Lab File: BE092364.D
Acq: 9 Sep 2016 20:52

Tgt Ion:276 Resp: 320549

Ion	Ratio	Lower	Upper
276	100		
277	23.0	19.8	29.8
138	23.1	19.8	29.6