Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE090916\
Data File : BE092366.D
Acq On : 9 Sep 2016 22:07
Operator : UM/SJ
Sample : H4728-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : TILCON-MH-3-8-STONE-003

Quant Time: Sep 10 02:10:02 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	8.16	152	9435	5.00	ng		-0.02
7) Naphthalene-d8	10.95	136	42442	5.00	ng		0.00
12) Acenaphthene-d10	14.82	164	25199	5.00	ng		0.00
18) Phenanthrene-d10	17.58	188	57080	5.00	ng		0.02
24) Chrysene-d12	21.75	240	94400	5.00	ng		0.00
31) Perylene-d12	24.11	264	84463	5.00	ng		0.02
System Monitoring Compounds							
4) 2-Fluorophenol	5.68	112	16377	7.30	ng		-0.01
5) Phenol-d6	7.34	99	22567	7.54	ng		-0.02
8) Nitrobenzene-d5	9.34	82	9684	3.18	ng		-0.02
13) 2,4,6-Tribromophenol	16.31	330	5382	6.90	ng		-0.01
14) 2-Fluorobiphenyl	13.44	172	24176	3.13	ng		0.00
26) Terphenyl-d14	20.17	244	40436	2.90	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.42	88	36	Below Cal		#	19
3) n-Nitrosodimethylamine	3.80	42	35	0.10	ng	#	69
6) bis(2-Chloroethyl)ether	7.59	93	50	0.09	ng	#	83
9) Naphthalene	11.01	128	391	0.04	ng	#	59
10) Hexachlorobutadiene	11.30	225	43	0.03	ng		95
11) 2-Methylnaphthalene	12.65	142	228	0.04	ng	#	88
15) Acenaphthylene	14.54	152	1343	0.03	ng		100
16) Acenaphthene	14.88	154	211	0.03	ng		79
17) Fluorene	15.87	166	280	0.03	ng	#	97
19) Hexachlorobenzene	16.89	284	87	0.03	ng	#	63
20) Pentachlorophenol	17.26	266	43	0.13	ng	#	78
21) Phenanthrene	17.60	178	762	0.05	ng		97
22) Anthracene	17.72	178	424	0.03	ng		100
23) Fluoranthene	19.61	202	3380	0.05	ng		97
25) Pyrene	19.97	202	3719	0.04	ng	#	90
27) Benzo(a)anthracene	21.72	228	9658	0.09	ng	#	84
28) Chrysene	21.72	228	9510	Below Cal		#	72
29) Bis(2-ethylhexyl)phthalate	21.63	149	2699	0.23	ng	#	73
30) Indeno(1,2,3-cd)pyrene	26.62	276	3993	0.04	ng		98
32) Benzo(b)fluoranthene	23.38	252	1066	0.05	ng	#	31
33) Benzo(k)fluoranthene	23.43	252	898	0.04	ng	#	37
34) Benzo(a)pyrene	24.01	252	831	0.04	ng	#	25
35) Dibenzo(a,h)anthracene	26.63	278	791	0.04	ng	#	43
36) Benzo(g,h,i)perylene	27.38	276	3762	0.05	ng	#	64

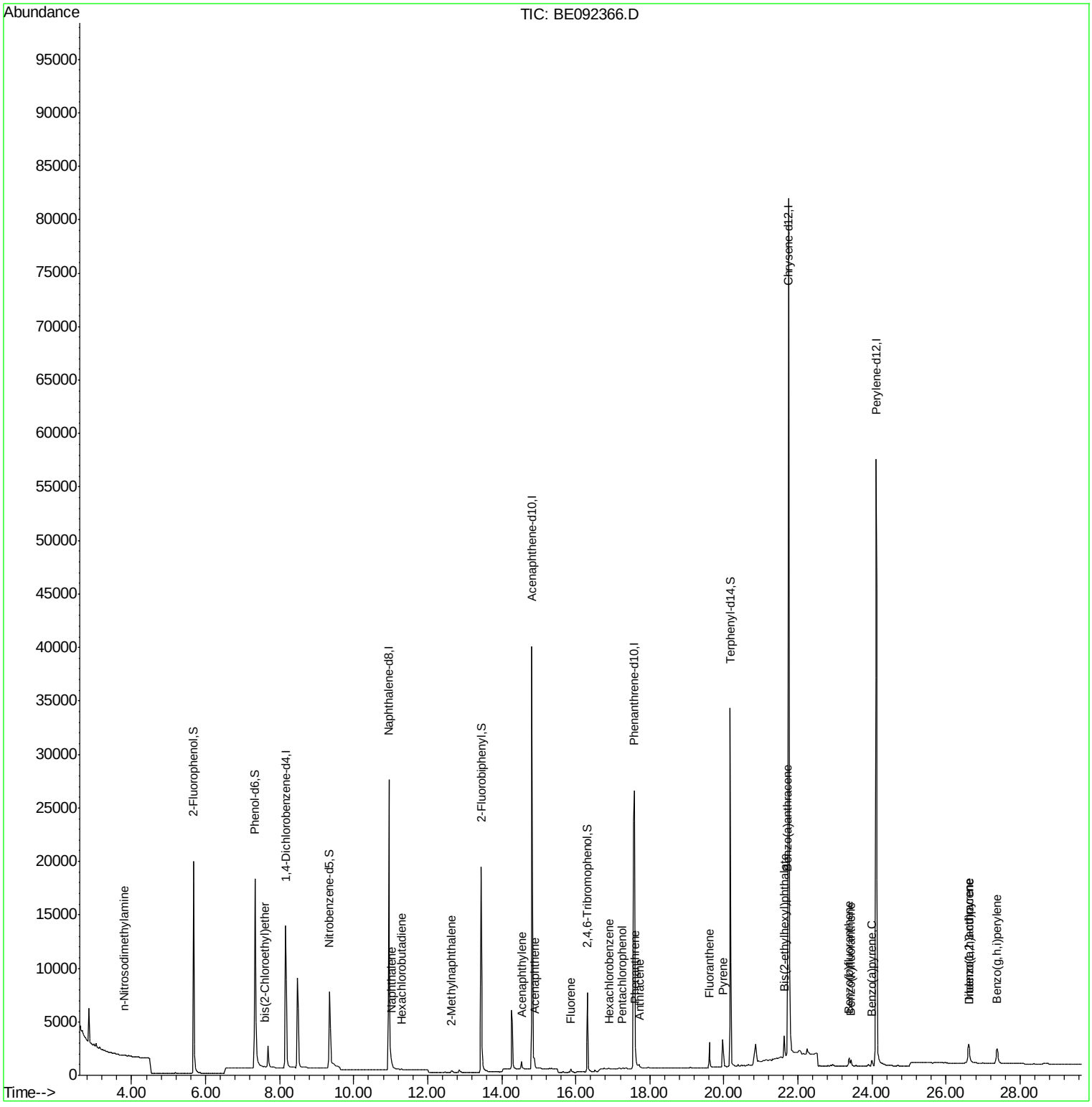
(#) = qualifier out of range (m) = manual integration (+) = signals summed

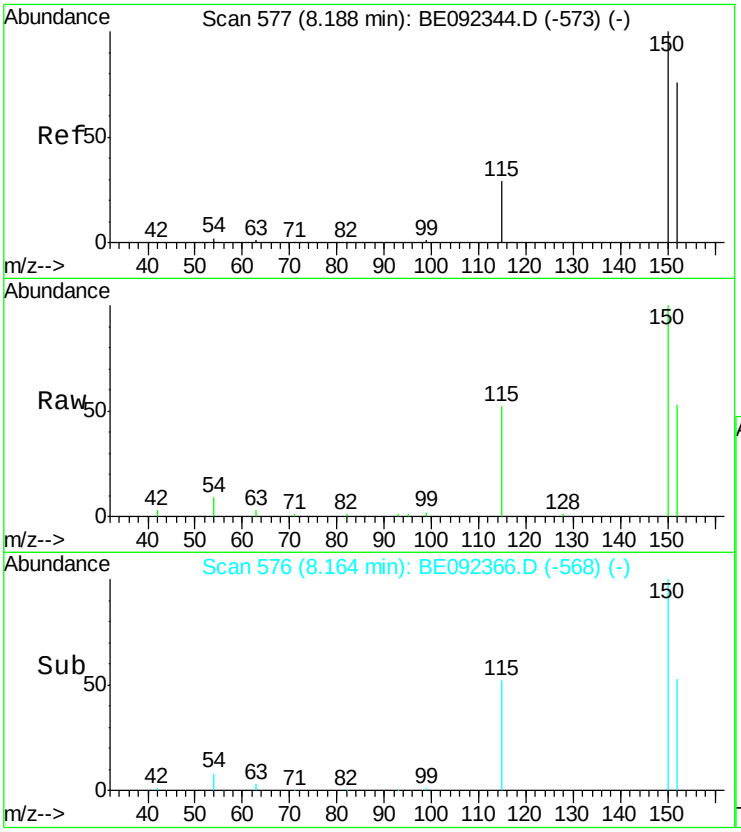
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE090916\
Data File : BE092366.D
Acq On : 9 Sep 2016 22:07
Operator : UM/SJ
Sample : H4728-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
TILCON-MH-3-8-STONE-003

Quant Time: Sep 10 02:10:02 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



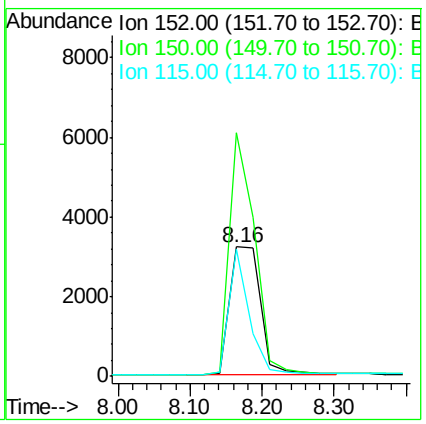


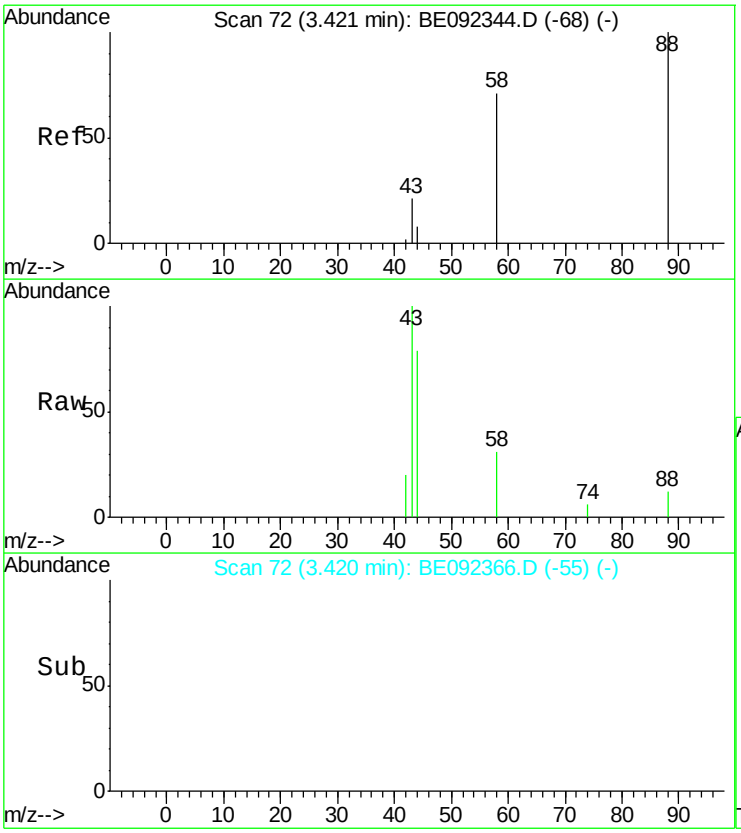
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 8.16 min Scan# 576
Delta R.T. -0.02 min
Lab File: BE092366.D
Acq: 9 Sep 2016 22:07

Instrument :
BNA_E
ClientSampleId :
TILCON-MH-3-8-STONE-003

Tgt Ion:152 Resp: 9435

Ion	Ratio	Lower	Upper
152	100		
150	187.9	106.0	159.0#
115	98.5	31.2	46.8#

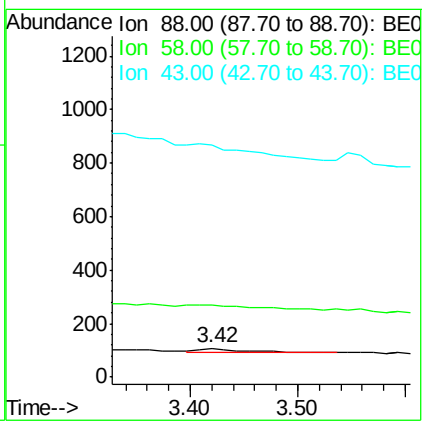


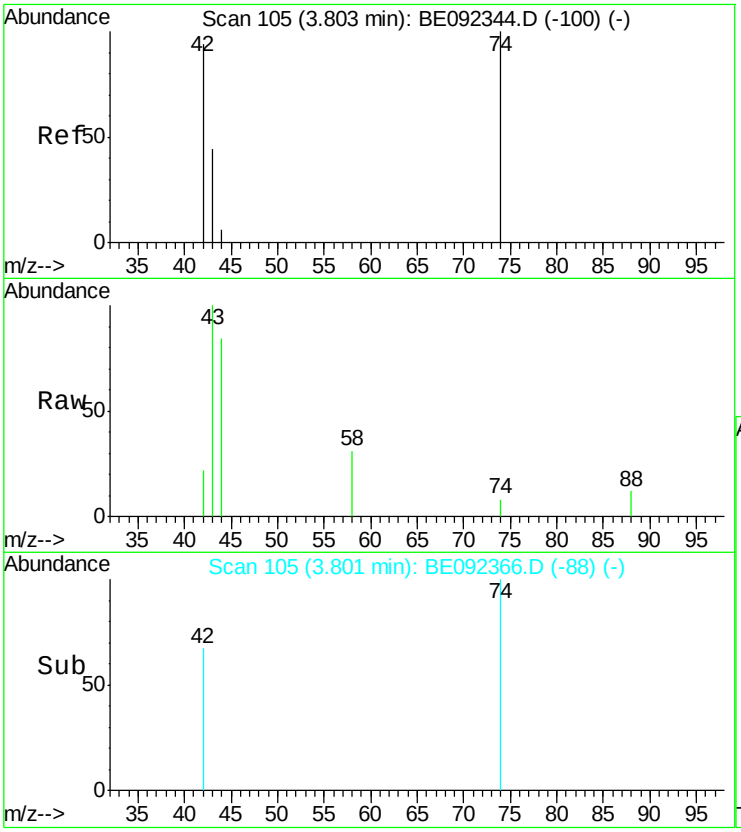


#2
1,4-Dioxane
Concen: Below Cal
RT: 3.42 min Scan# 72
Delta R.T. -0.00 min
Lab File: BE092366.D
Acq: 9 Sep 2016 22:07

Tgt Ion: 88 Resp: 36

Ion	Ratio	Lower	Upper
88	100		
58	0.0	63.6	95.4#
43	0.0	28.0	42.0#



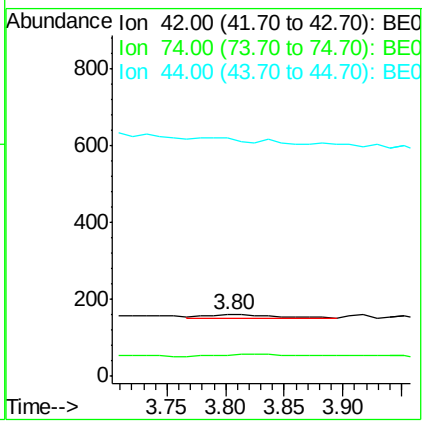


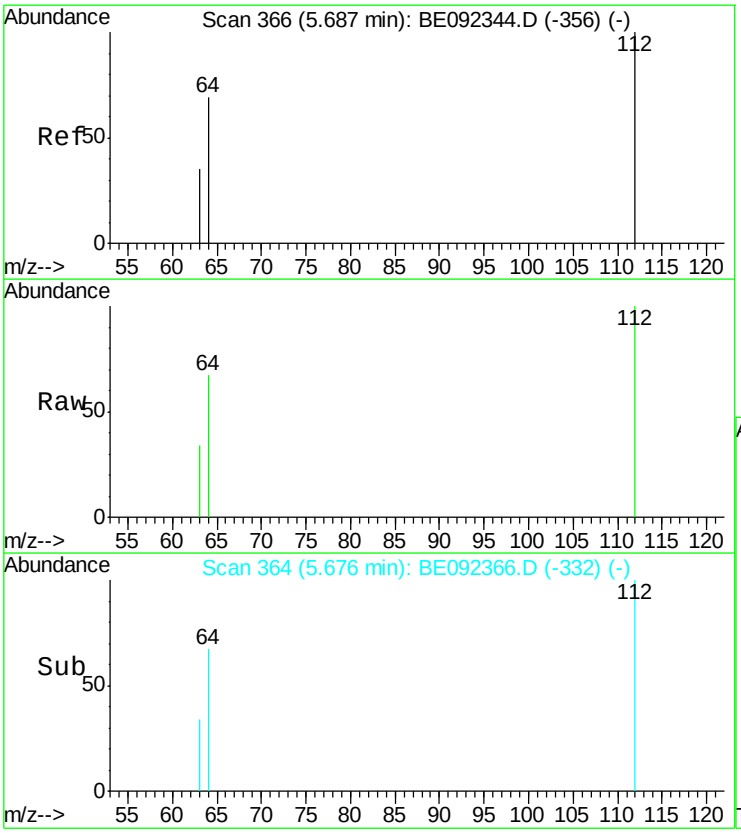
#3
n-Nitrosodimethylamine
Concen: 0.10 ng
RT: 3.80 min Scan# 105
Delta R.T. -0.00 min
Lab File: BE092366.D
Acq: 9 Sep 2016 22:07

Instrument :
BNA_E
ClientSampleId :
TILCON-MH-3-8-STONE-003

Tgt Ion: 42 Resp: 35

Ion	Ratio	Lower	Upper
42	100		
74	74.3	86.0	129.0#
44	0.0	5.1	7.7#

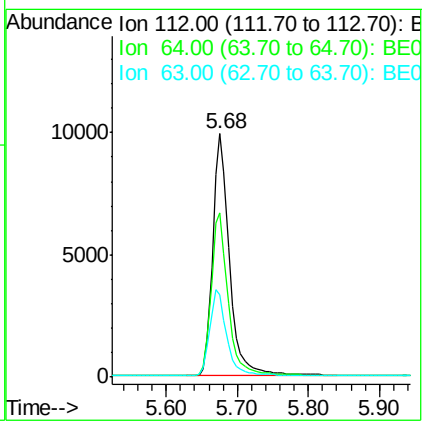


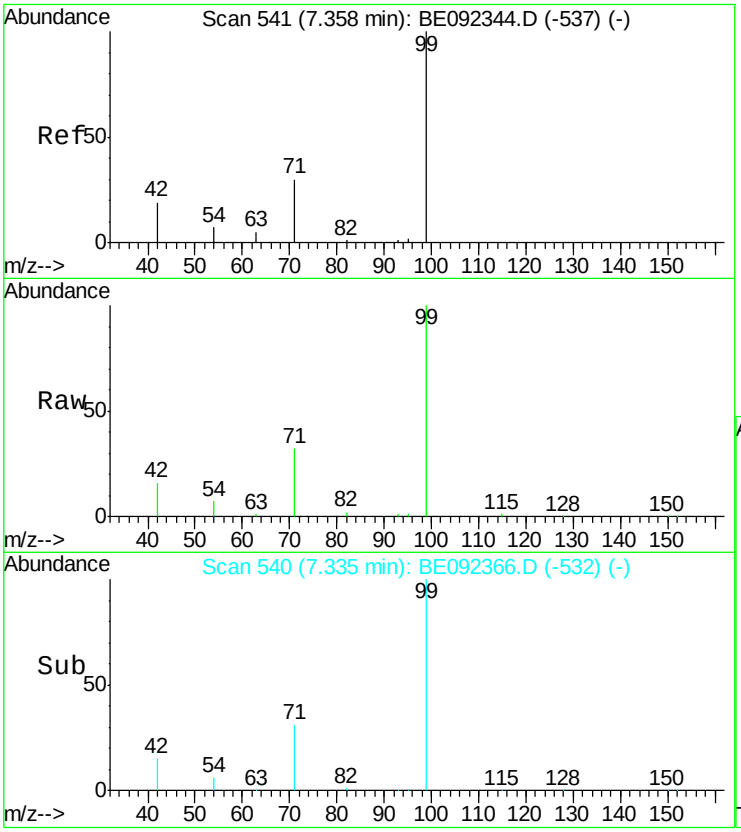


#4
2-Fluorophenol
Concen: 7.30 ng
RT: 5.68 min Scan# 364
Delta R.T. -0.01 min
Lab File: BE092366.D
Acq: 9 Sep 2016 22:07

Tgt Ion:112 Resp: 16377

Ion	Ratio	Lower	Upper
112	100		
64	68.2	53.5	80.3
63	36.2	27.9	41.9



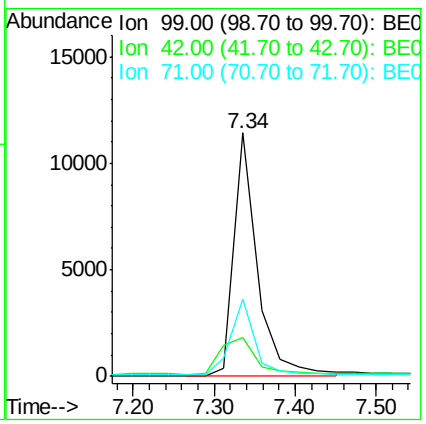


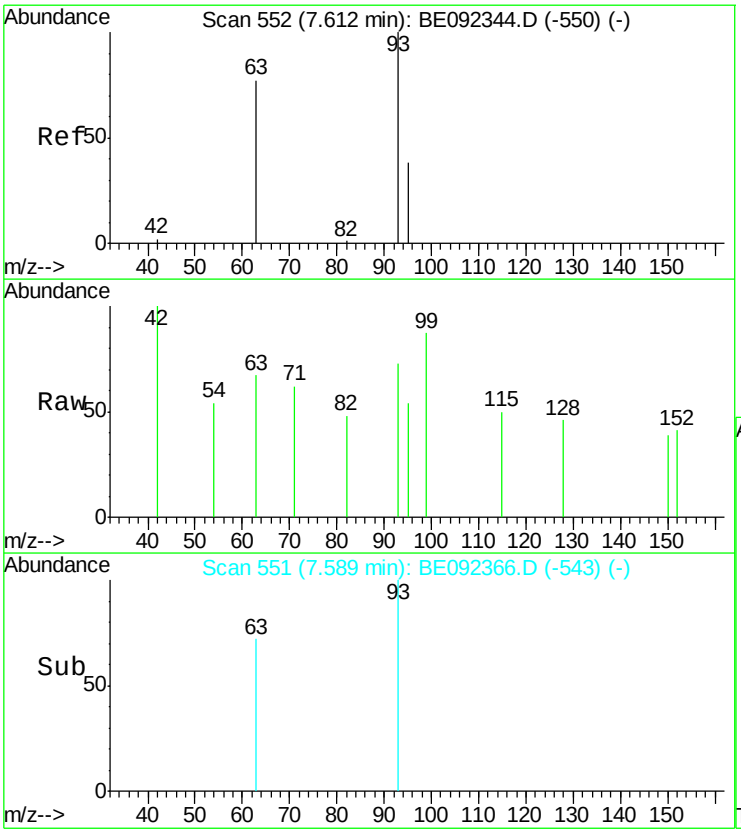
#5
Phenol-d6
Concen: 7.54 ng
RT: 7.34 min Scan# 540
Delta R.T. -0.02 min
Lab File: BE092366.D
Acq: 9 Sep 2016 22:07

Instrument :
BNA_E
ClientSampleId :
TILCON-MH-3-8-STONE-003

Tgt Ion: 99 Resp: 22567

Ion	Ratio	Lower	Upper
99	100		
42	22.7	16.0	24.0
71	33.2	30.6	45.8

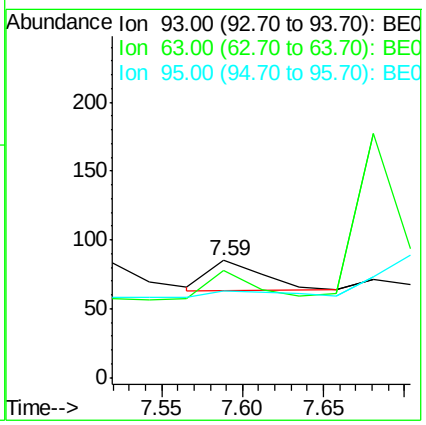


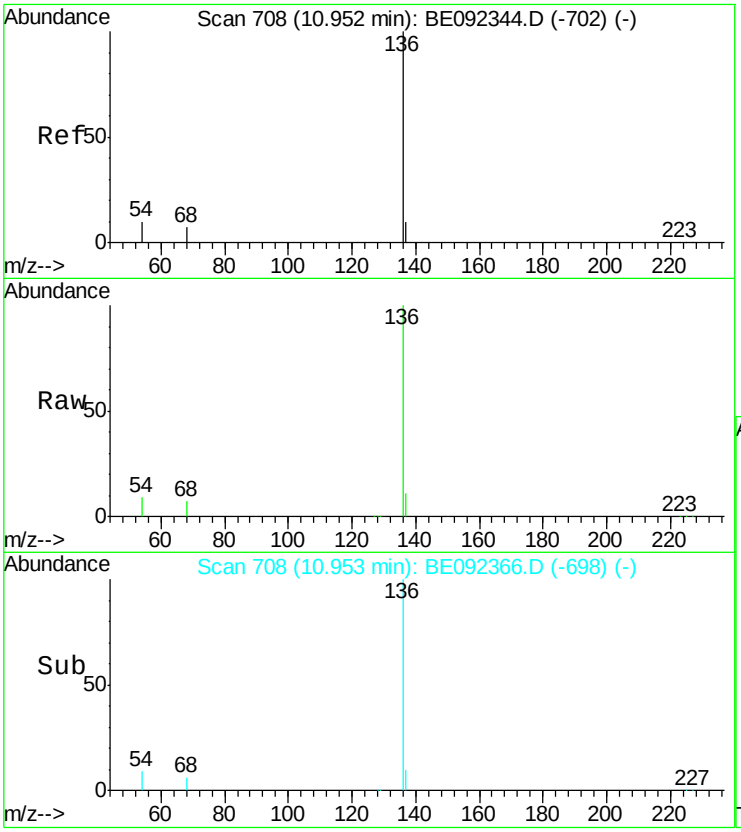


#6
bis(2-Chloroethyl)ether
Concen: 0.09 ng
RT: 7.59 min Scan# 551
Delta R.T. -0.02 min
Lab File: BE092366.D
Acq: 9 Sep 2016 22:07

Tgt Ion: 93 Resp: 50

Ion	Ratio	Lower	Upper
93	100		
63	94.0	71.6	107.4
95	0.0	24.0	36.0#



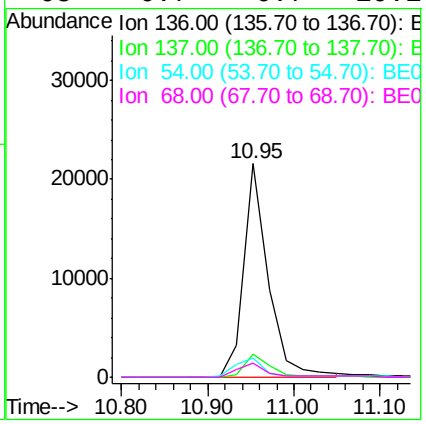


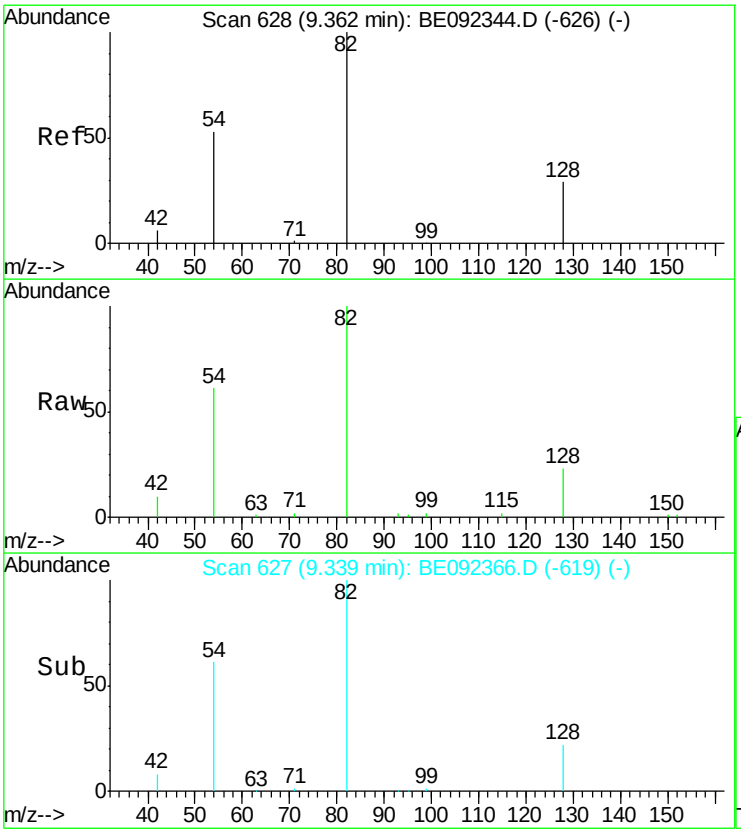
#7
Naphthalene-d8
Concen: 5.00 ng
RT: 10.95 min Scan# 708
Delta R.T. 0.00 min
Lab File: BE092366.D
Acq: 9 Sep 2016 22:07

Instrument :
BNA_E
ClientSampleId :
TILCON-MH-3-8-STONE-003

Tgt Ion:136 Resp: 42442

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.2	12.4
54	9.2	9.6	14.4#
68	6.7	6.7	10.1

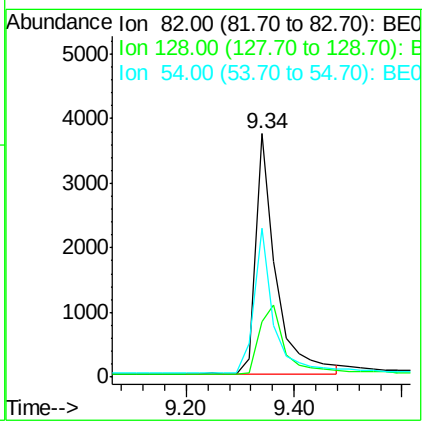


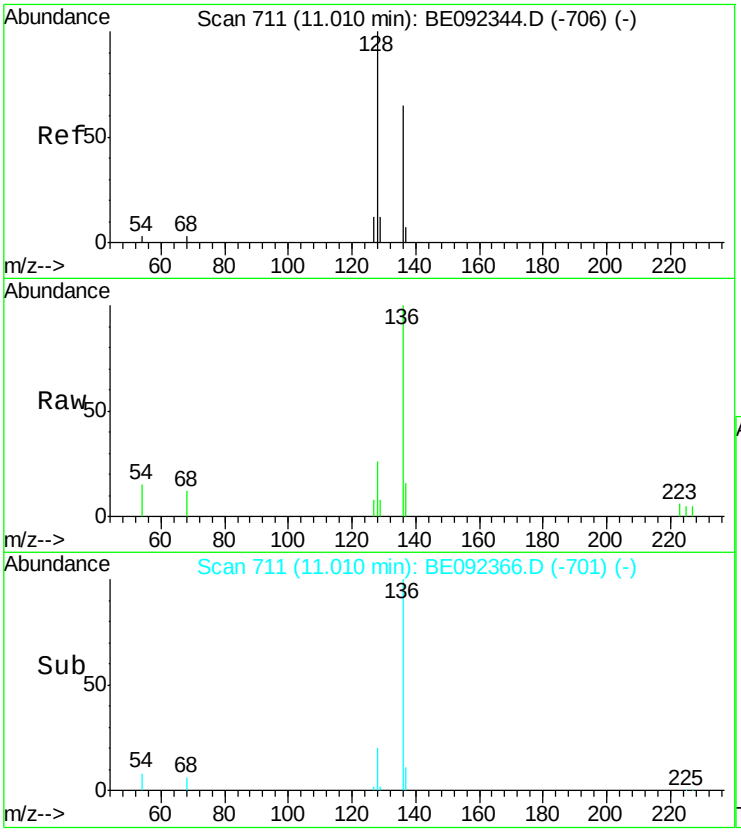


#8
Nitrobenzene-d5
Concen: 3.18 ng
RT: 9.34 min Scan# 627
Delta R.T. -0.02 min
Lab File: BE092366.D
Acq: 9 Sep 2016 22:07

Tgt Ion: 82 Resp: 9684

Ion	Ratio	Lower	Upper
82	100		
128	22.8	39.0	58.4#
54	61.2	44.8	67.2



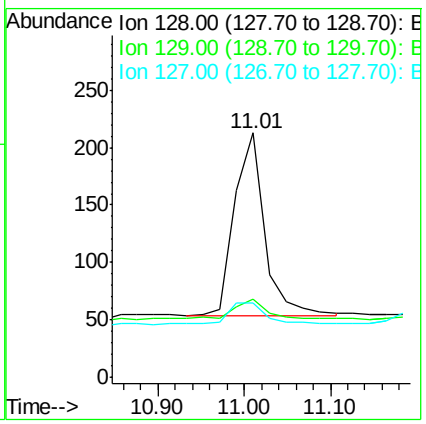


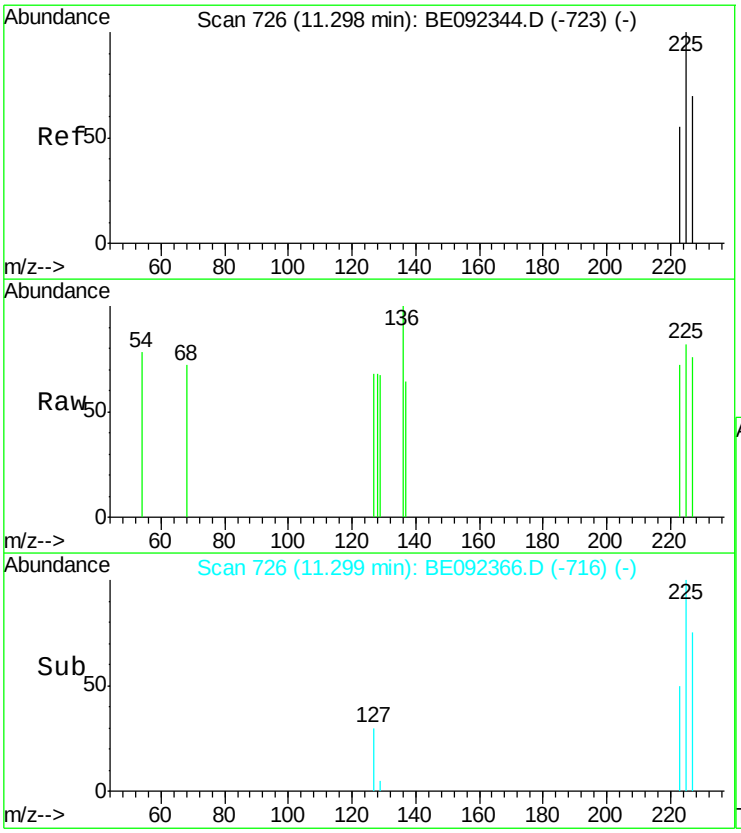
#9
Naphthalene
Concen: 0.04 ng
RT: 11.01 min Scan# 711
Delta R.T. 0.00 min
Lab File: BE092366.D
Acq: 9 Sep 2016 22:07

Instrument :
BNA_E
ClientSampleId :
TILCON-MH-3-8-STONE-003

Tgt Ion:128 Resp: 391

Ion	Ratio	Lower	Upper
128	100		
129	31.9	11.2	16.8#
127	30.0	11.6	17.4#

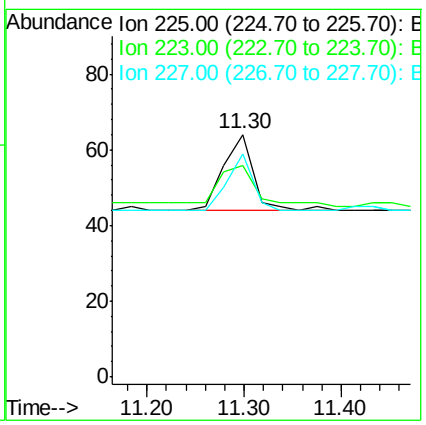


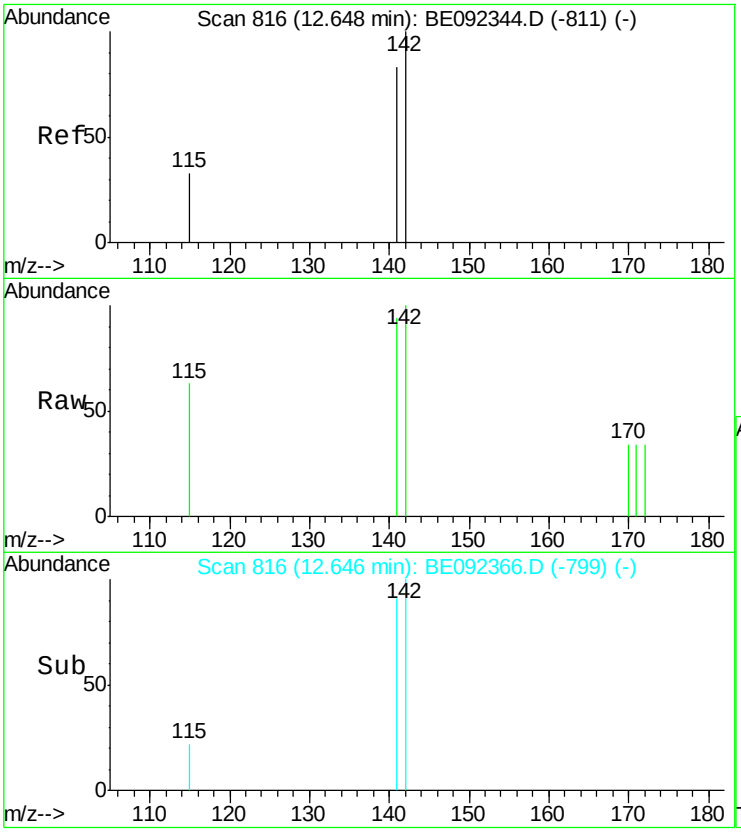


#10
Hexachlorobutadiene
Concen: 0.03 ng
RT: 11.30 min Scan# 726
Delta R.T. 0.00 min
Lab File: BE092366.D
Acq: 9 Sep 2016 22:07

Tgt Ion:225 Resp: 43

Ion	Ratio	Lower	Upper
225	100		
223	69.8	50.6	76.0
227	62.8	51.4	77.0



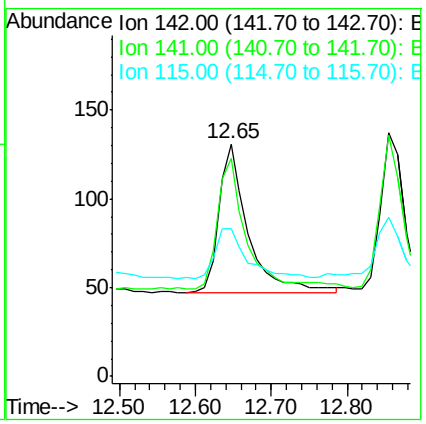


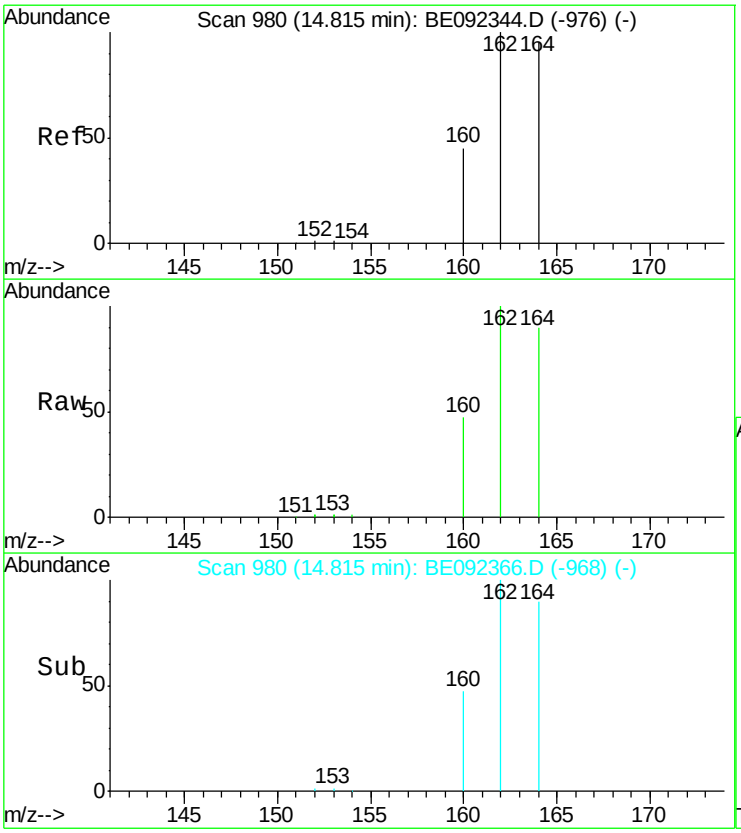
#11
2-Methylnaphthalene
Concen: 0.04 ng
RT: 12.65 min Scan# 816
Delta R.T. -0.00 min
Lab File: BE092366.D
Acq: 9 Sep 2016 22:07

Instrument :
BNA_E
ClientSampleId :
TILCON-MH-3-8-STONE-003

Tgt Ion:142 Resp: 228

Ion	Ratio	Lower	Upper
142	100		
141	93.9	73.7	110.5
115	63.4	34.0	51.0#

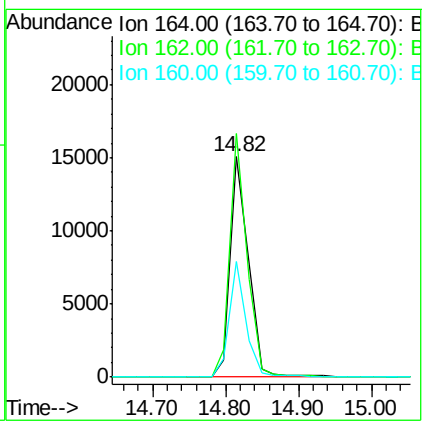


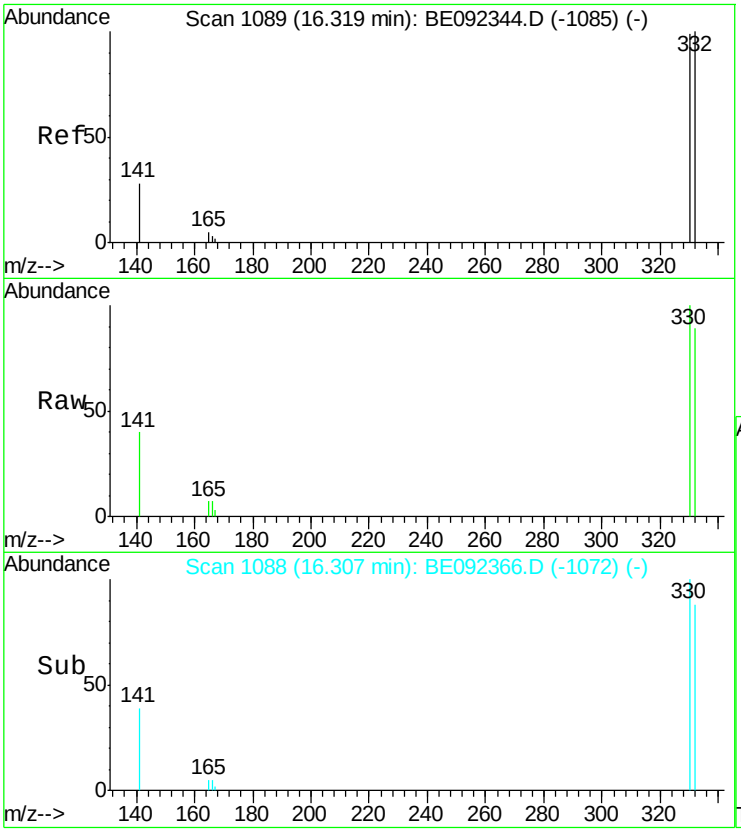


#12
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.82 min Scan# 980
Delta R.T. -0.00 min
Lab File: BE092366.D
Acq: 9 Sep 2016 22:07

Tgt Ion:164 Resp: 25199

Ion	Ratio	Lower	Upper
164	100		
162	110.7	71.4	107.0#
160	52.4	27.4	41.2#



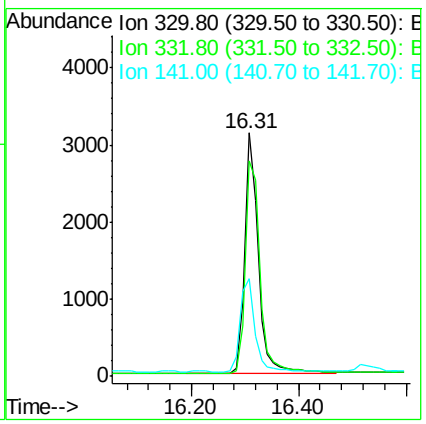


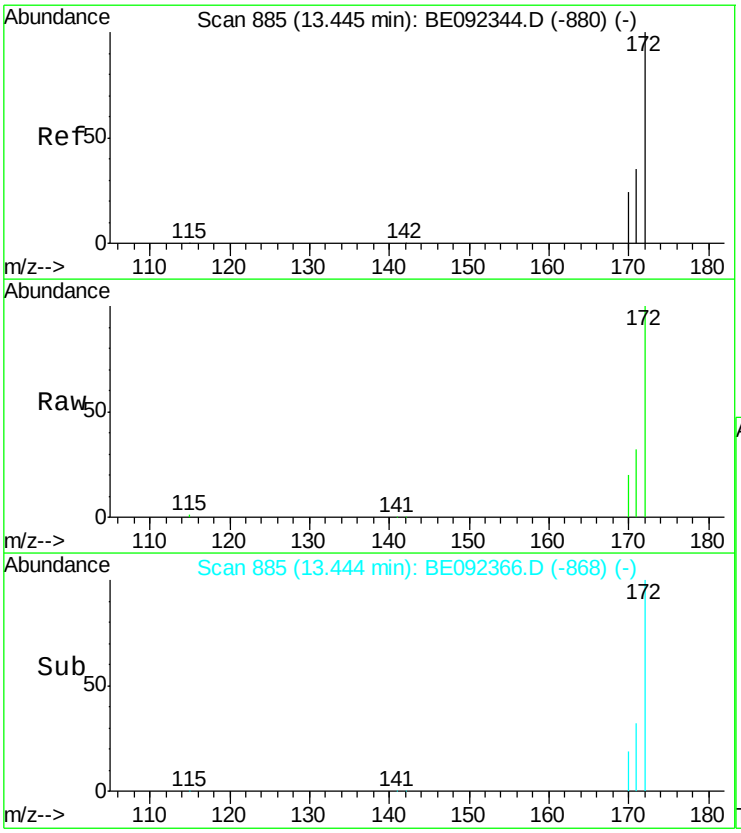
#13
2,4,6-Tribromophenol
Concen: 6.90 ng
RT: 16.31 min Scan# 1088
Delta R.T. -0.01 min
Lab File: BE092366.D
Acq: 9 Sep 2016 22:07

Instrument :
BNA_E
ClientSampleId :
TILCON-MH-3-8-STONE-003

Tgt Ion:330 Resp: 5382

Ion	Ratio	Lower	Upper
330	100		
332	96.9	75.4	113.0
141	42.8	31.0	46.6

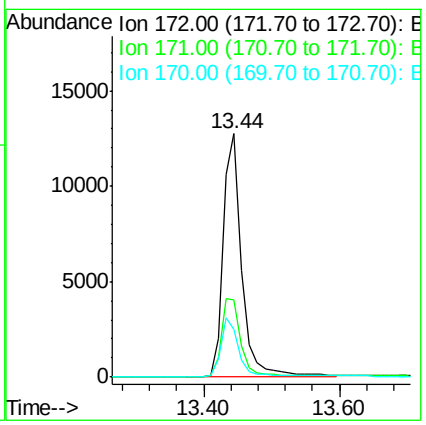


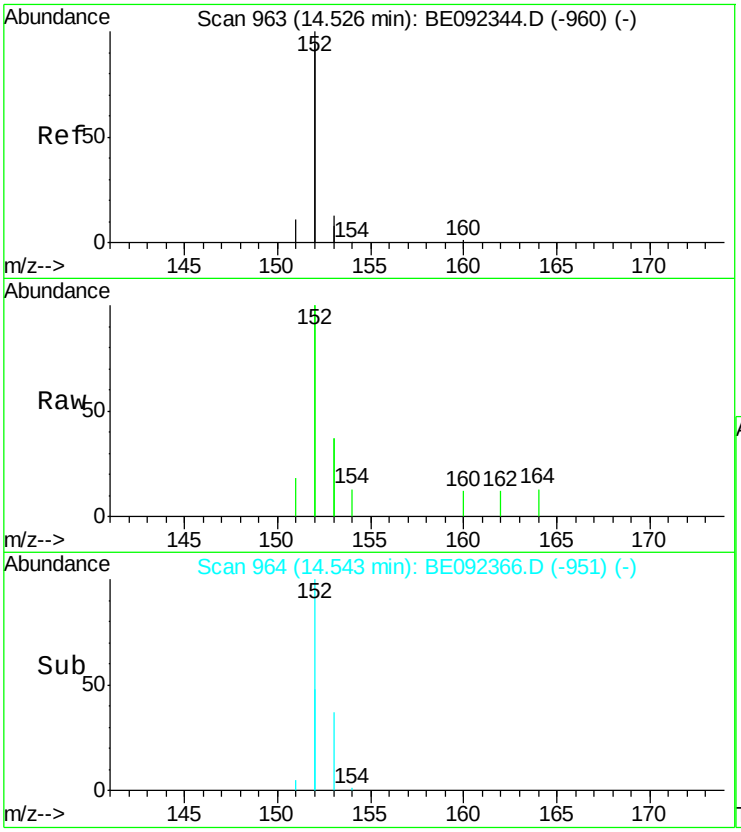


#14
2-Fluorobiphenyl
Concen: 3.13 ng
RT: 13.44 min Scan# 885
Delta R.T. -0.00 min
Lab File: BE092366.D
Acq: 9 Sep 2016 22:07

Tgt Ion:172 Resp: 24176

Ion	Ratio	Lower	Upper
172	100		
171	31.9	30.1	45.1
170	19.6	21.8	32.6#



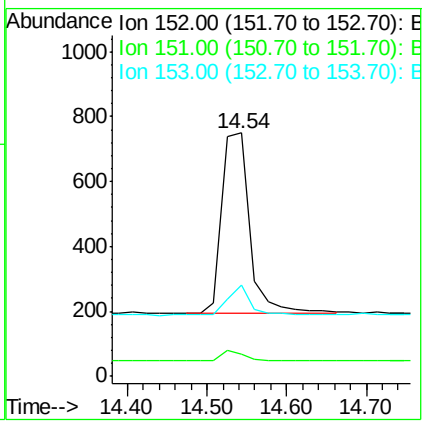


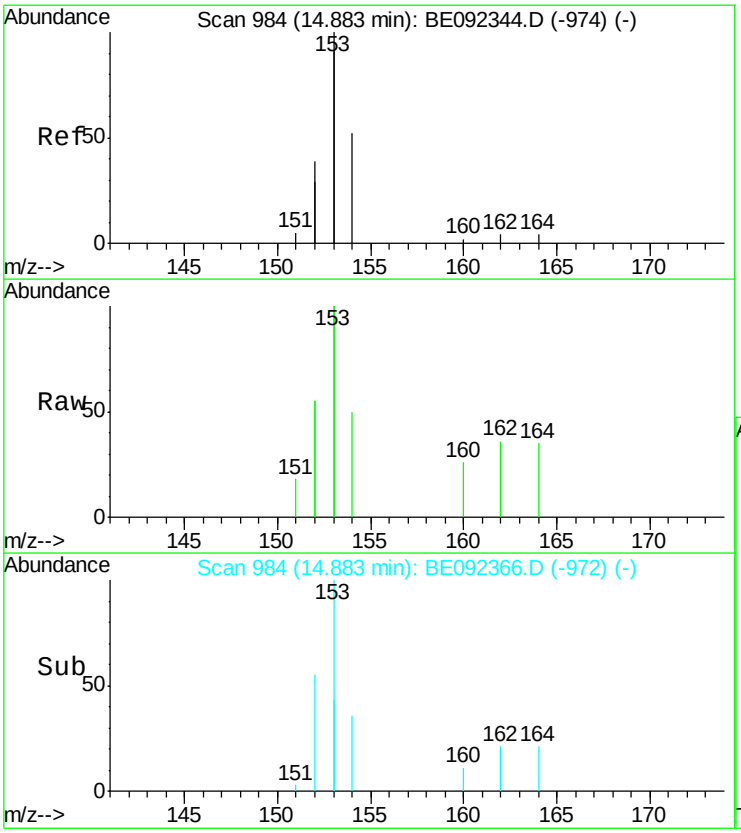
#15
Acenaphthylene
Concen: 0.03 ng
RT: 14.54 min Scan# 964
Delta R.T. 0.02 min
Lab File: BE092366.D
Acq: 9 Sep 2016 22:07

Instrument :
BNA_E
ClientSampleId :
TILCON-MH-3-8-STONE-003

Tgt Ion:152 Resp: 1343

Ion	Ratio	Lower	Upper
152	100		
151	5.3	3.9	5.9
153	13.0	10.4	15.6

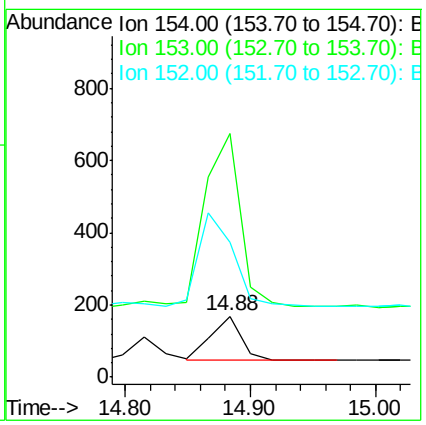


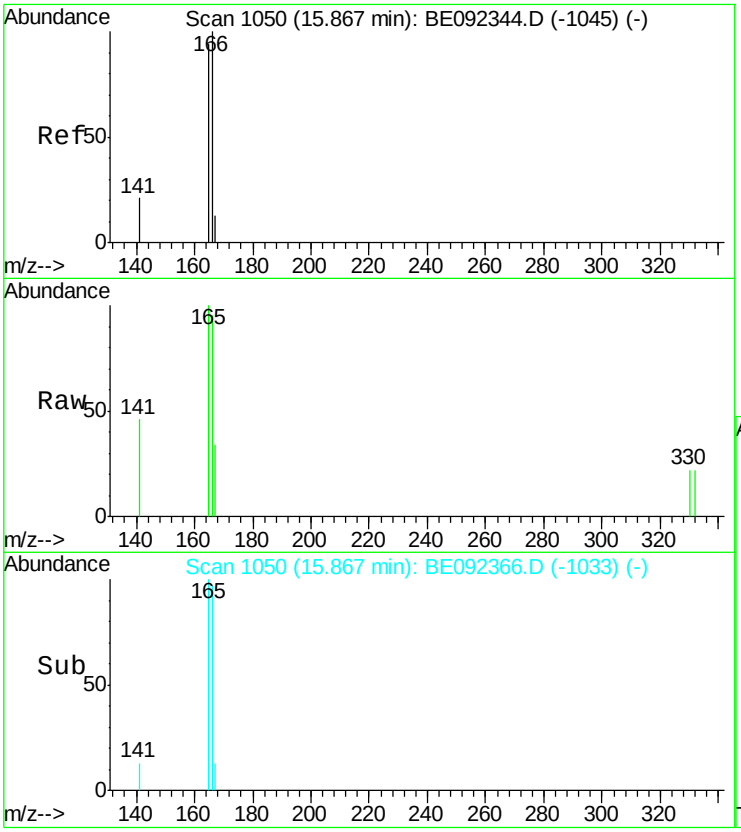


#16
Acenaphthene
Concen: 0.03 ng
RT: 14.88 min Scan# 984
Delta R.T. -0.00 min
Lab File: BE092366.D
Acq: 9 Sep 2016 22:07

Tgt Ion:154 Resp: 211

Ion	Ratio	Lower	Upper
154	100		
153	497.2	350.8	526.2
152	238.4	171.1	256.7



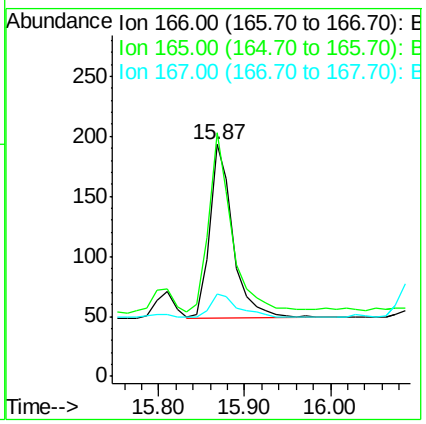


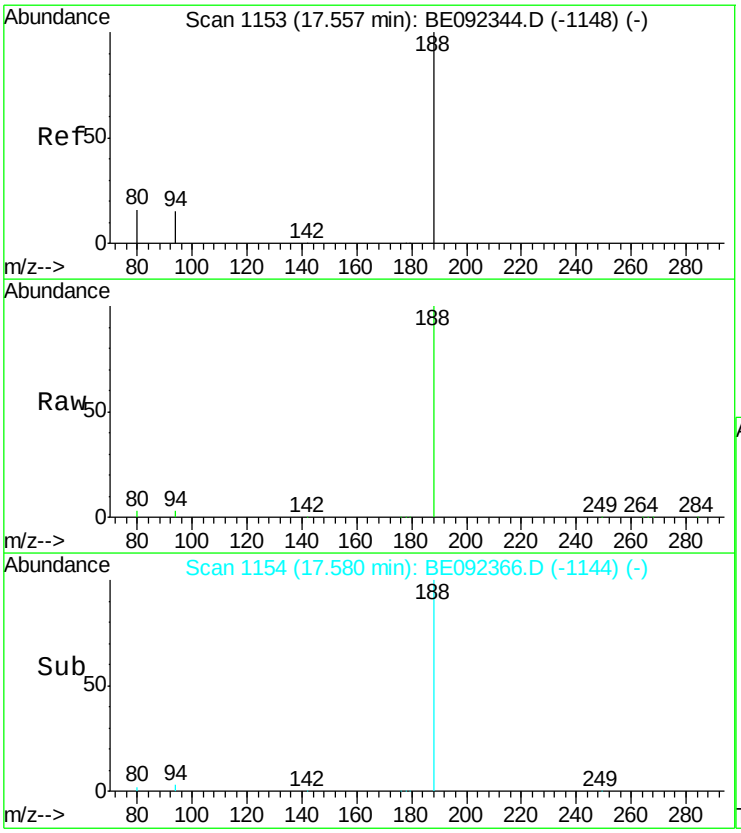
#17
Fluorene
Concen: 0.03 ng
RT: 15.87 min Scan# 1050
Delta R.T. 0.00 min
Lab File: BE092366.D
Acq: 9 Sep 2016 22:07

Instrument :
BNA_E
ClientSampleId :
TILCON-MH-3-8-STONE-003

Tgt Ion:166 Resp: 280

Ion	Ratio	Lower	Upper
166	100		
165	100.4	78.2	117.4
167	17.1	11.0	16.4#

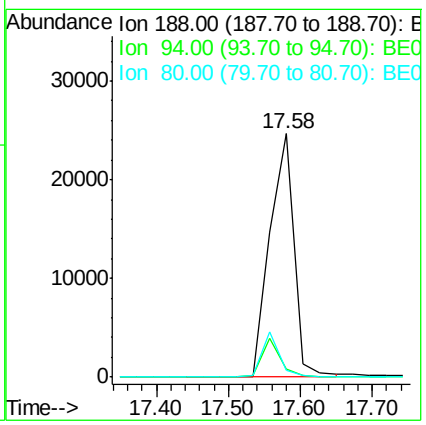


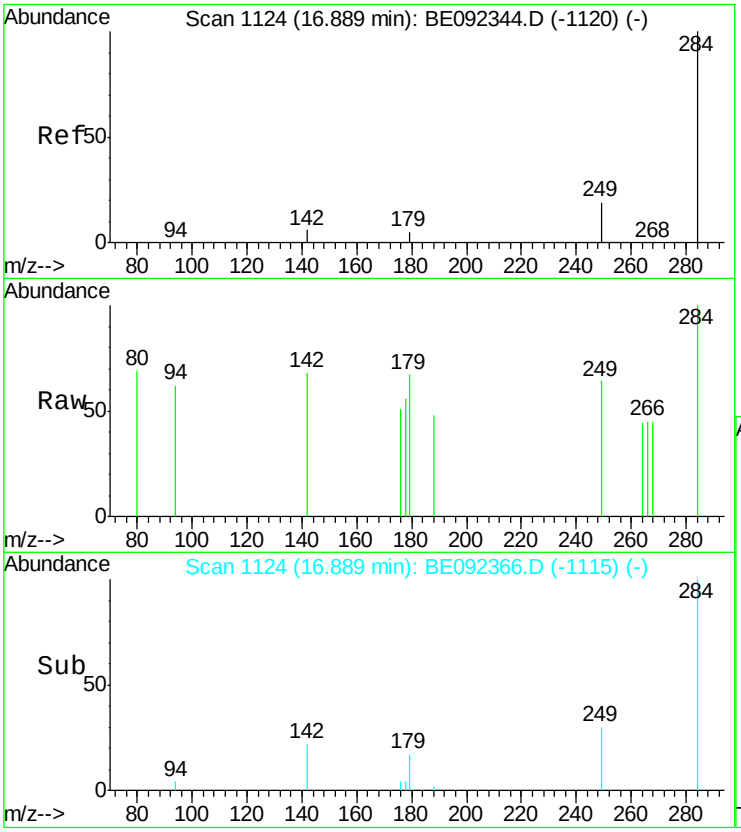


#18
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.58 min Scan# 1154
Delta R.T. 0.02 min
Lab File: BE092366.D
Acq: 9 Sep 2016 22:07

Tgt Ion:188 Resp: 57080

Ion	Ratio	Lower	Upper
188	100		
94	3.2	3.2	4.8#
80	2.7	2.6	3.8



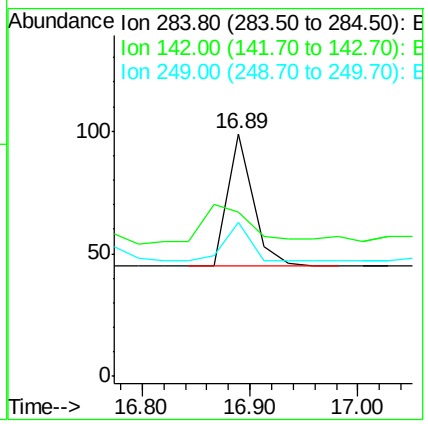


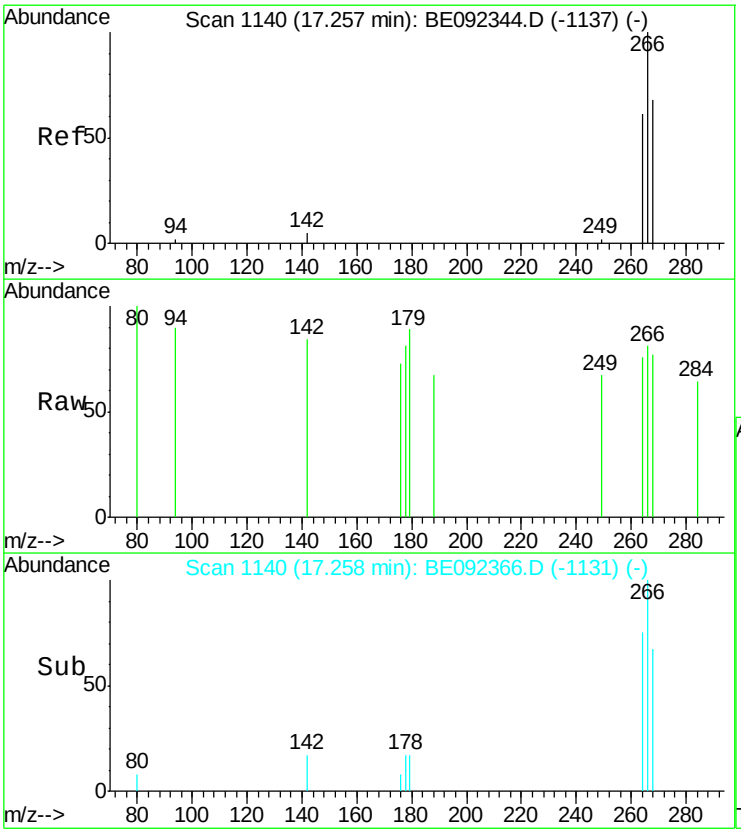
#19
Hexachlorobenzene
Concen: 0.03 ng
RT: 16.89 min Scan# 1124
Delta R.T. 0.00 min
Lab File: BE092366.D
Acq: 9 Sep 2016 22:07

Instrument :
BNA_E
ClientSampleId :
TILCON-MH-3-8-STONE-003

Tgt Ion:284 Resp: 87

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

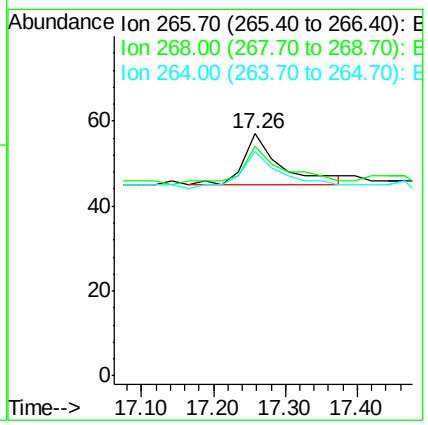


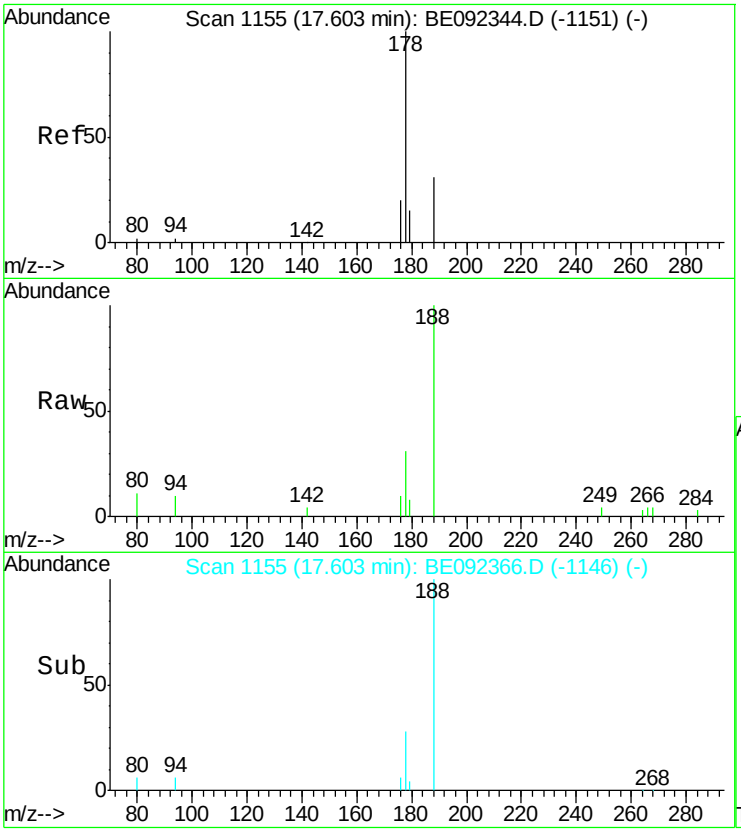


#20
Pentachlorophenol
Concen: 0.13 ng
RT: 17.26 min Scan# 1140
Delta R.T. 0.00 min
Lab File: BE092366.D
Acq: 9 Sep 2016 22:07

Tgt Ion:266 Resp: 43

Ion	Ratio	Lower	Upper
266	100		
268	94.7	62.5	93.7#
264	93.0	57.2	85.8#



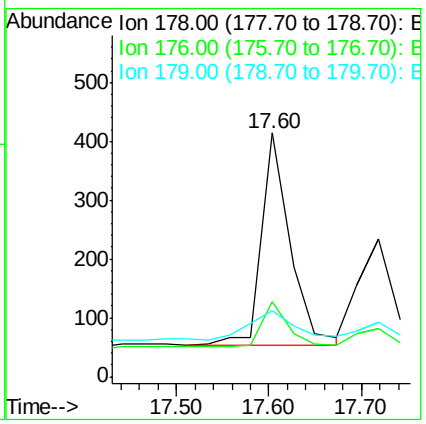


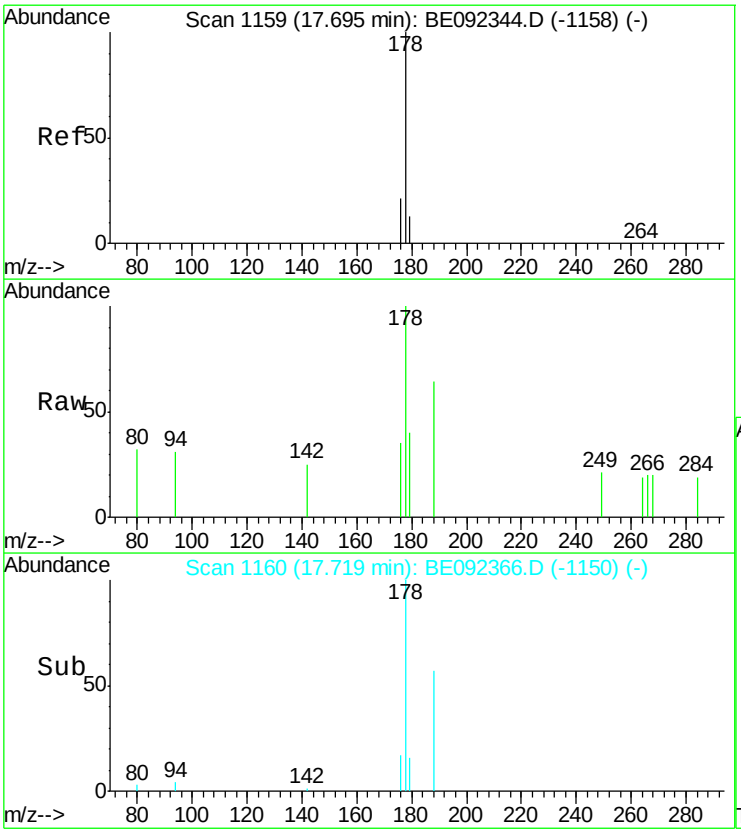
#21
Phenanthrene
Concen: 0.05 ng
RT: 17.60 min Scan# 1155
Delta R.T. 0.00 min
Lab File: BE092366.D
Acq: 9 Sep 2016 22:07

Instrument :
BNA_E
ClientSampleId :
TILCON-MH-3-8-STONE-003

Tgt Ion:178 Resp: 762

Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.8	23.8
179	22.2	16.0	24.0

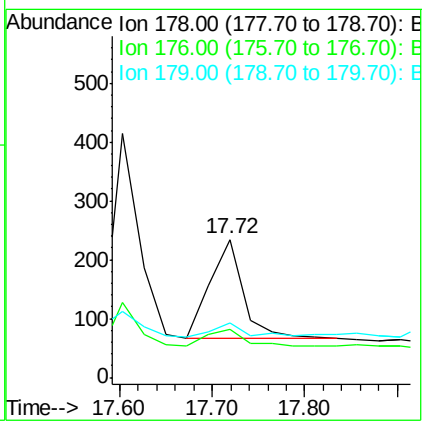


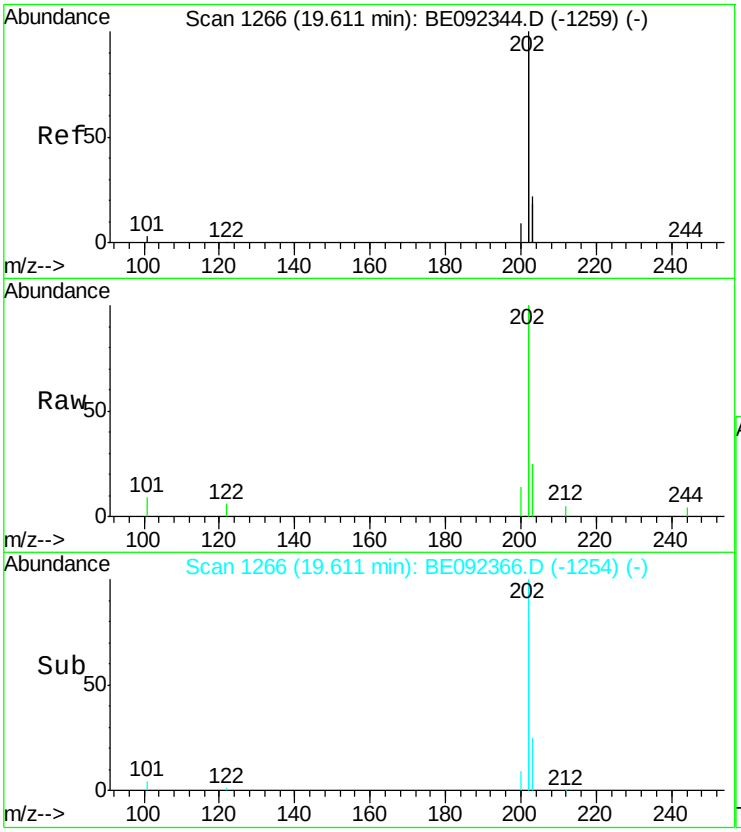


#22
Anthracene
Concen: 0.03 ng
RT: 17.72 min Scan# 1160
Delta R.T. 0.02 min
Lab File: BE092366.D
Acq: 9 Sep 2016 22:07

Tgt Ion:178 Resp: 424

Ion	Ratio	Lower	Upper
178	100		
176	18.6	15.0	22.4
179	15.3	12.2	18.2



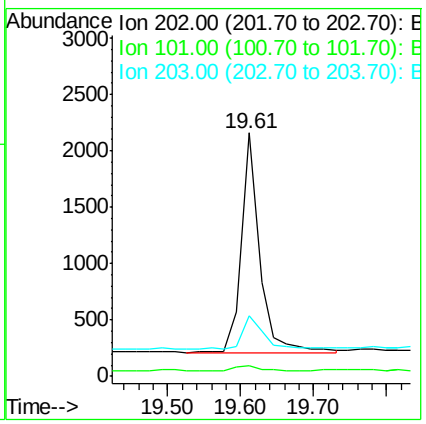


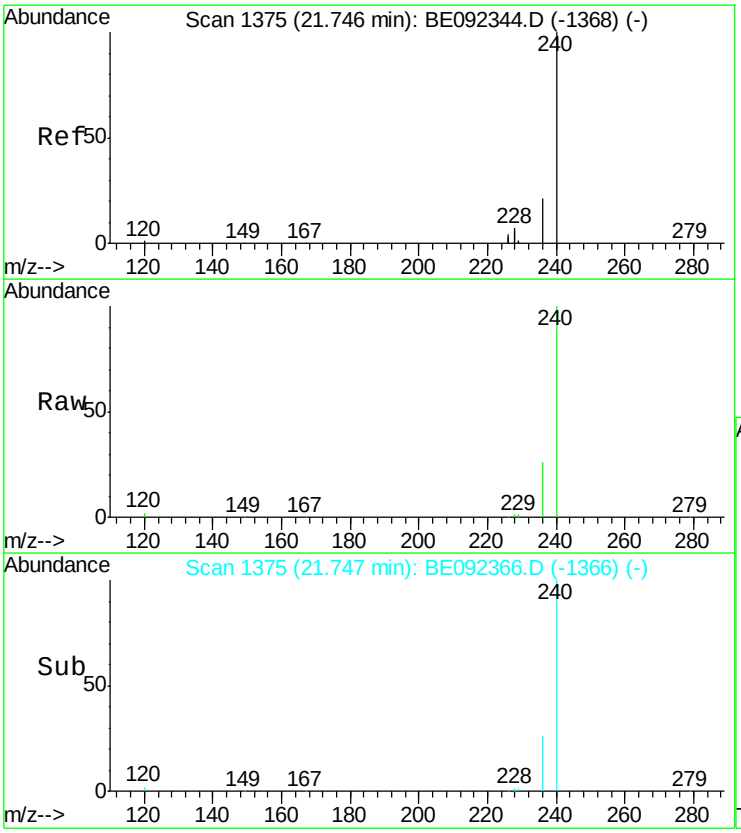
#23
Fluoranthene
Concen: 0.05 ng
RT: 19.61 min Scan# 1266
Delta R.T. 0.00 min
Lab File: BE092366.D
Acq: 9 Sep 2016 22:07

Instrument :
BNA_E
ClientSampleId :
TILCON-MH-3-8-STONE-003

Tgt Ion:202 Resp: 3380

Ion	Ratio	Lower	Upper
202	100		
101	2.6	2.2	3.4
203	18.4	13.7	20.5

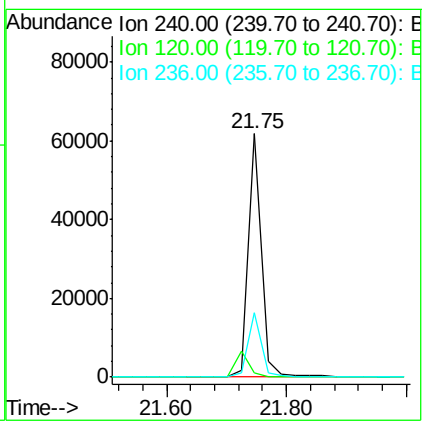


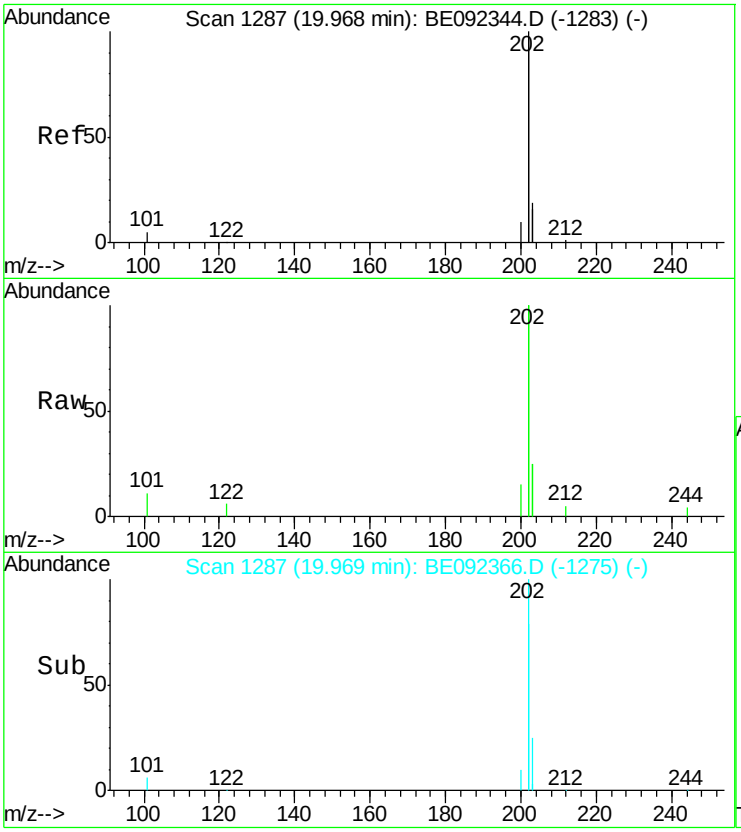


#24
Chrysene-d12
Concen: 5.00 ng
RT: 21.75 min Scan# 1375
Delta R.T. 0.00 min
Lab File: BE092366.D
Acq: 9 Sep 2016 22:07

Tgt Ion:240 Resp: 94400

Ion	Ratio	Lower	Upper
240	100		
120	1.7	2.6	4.0#
236	26.4	24.6	37.0



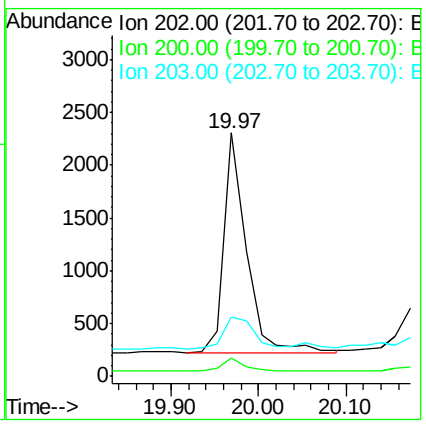


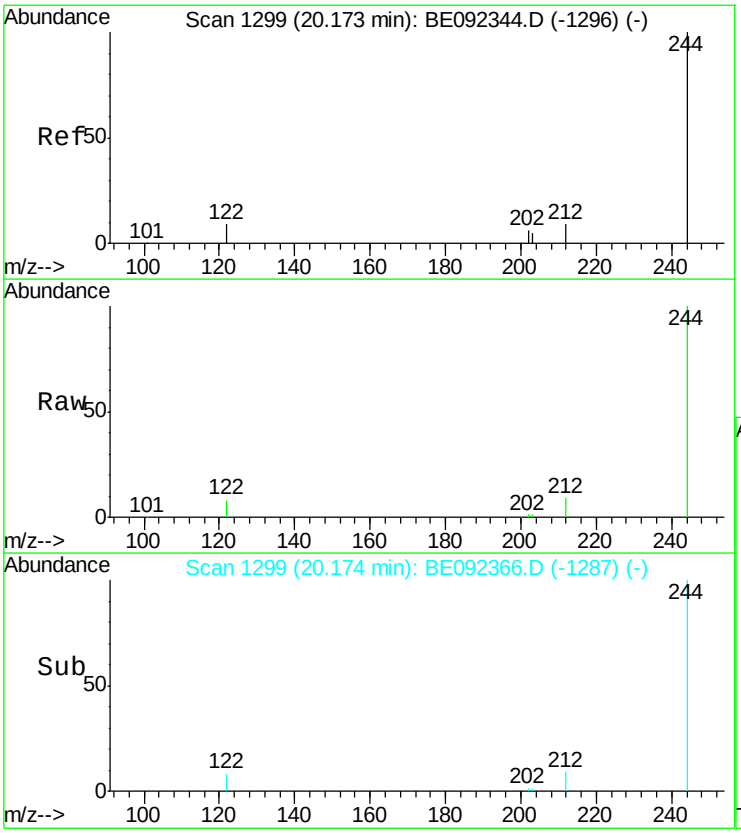
#25
Pyrene
Concen: 0.04 ng
RT: 19.97 min Scan# 1287
Delta R.T. 0.00 min
Lab File: BE092366.D
Acq: 9 Sep 2016 22:07

Instrument :
BNA_E
ClientSampleId :
TILCON-MH-3-8-STONE-003

Tgt Ion:202 Resp: 3719

Ion	Ratio	Lower	Upper
202	100		
200	5.5	4.2	6.4
203	23.0	13.9	20.9#

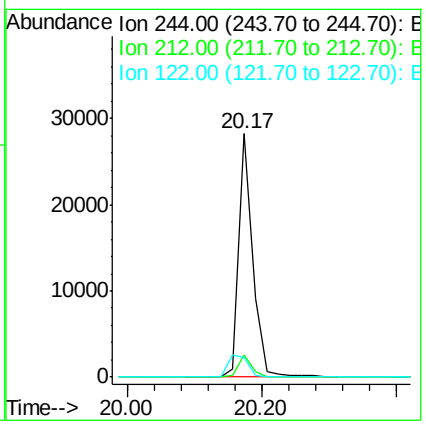


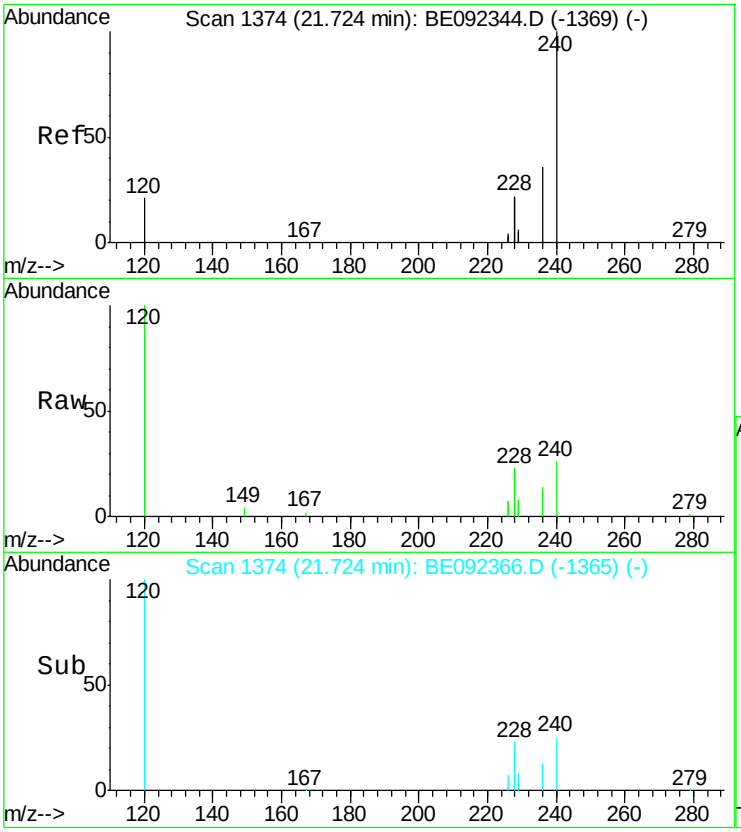


#26
Terphenyl-d14
Concen: 2.90 ng
RT: 20.17 min Scan# 1299
Delta R.T. 0.00 min
Lab File: BE092366.D
Acq: 9 Sep 2016 22:07

Tgt Ion:244 Resp: 40436

Ion	Ratio	Lower	Upper
244	100		
212	9.3	6.7	10.1
122	8.2	3.6	5.4#



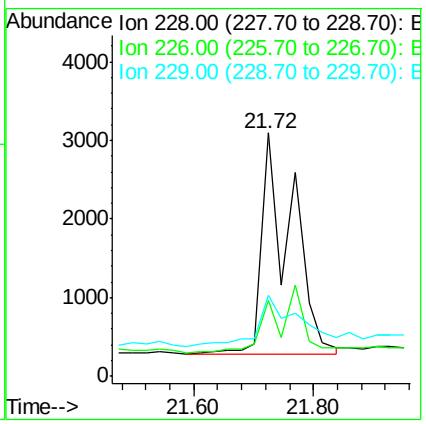


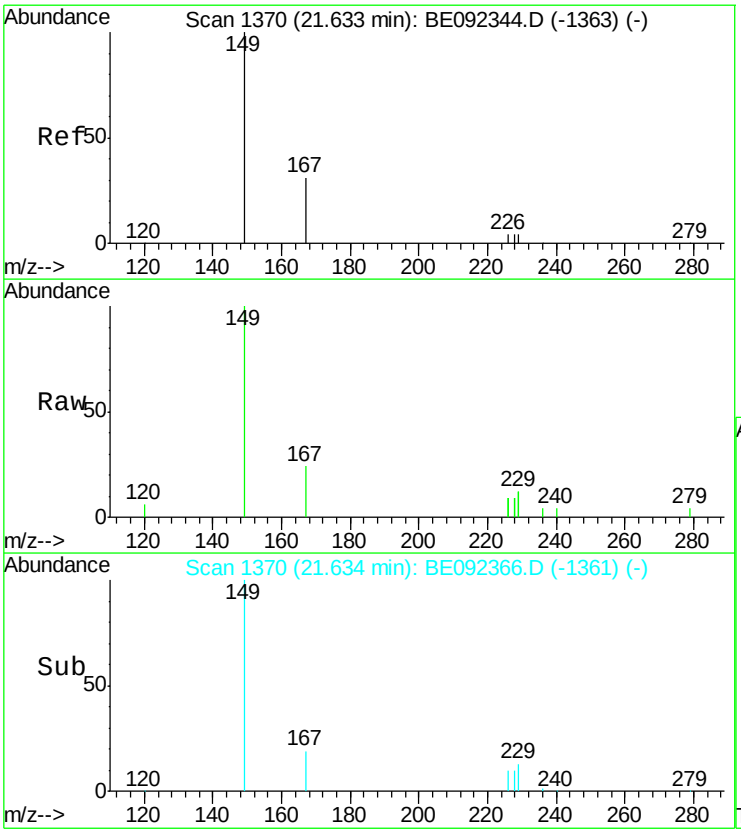
#27
Benzo(a)anthracene
Concen: 0.09 ng
RT: 21.72 min Scan# 1374
Delta R.T. 0.00 min
Lab File: BE092366.D
Acq: 9 Sep 2016 22:07

Instrument :
BNA_E
ClientSampleId :
TILCON-MH-3-8-STONE-003

Tgt Ion:228 Resp: 9658

Ion	Ratio	Lower	Upper
228	100		
226	30.9	23.6	35.4
229	33.1	13.3	19.9#

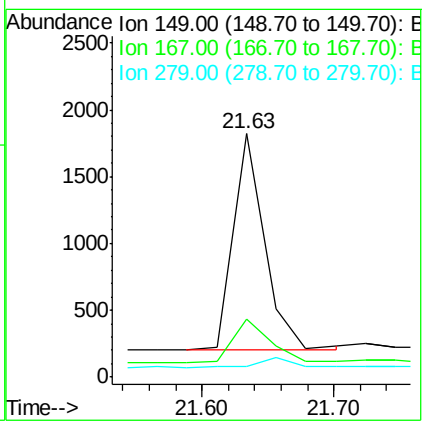


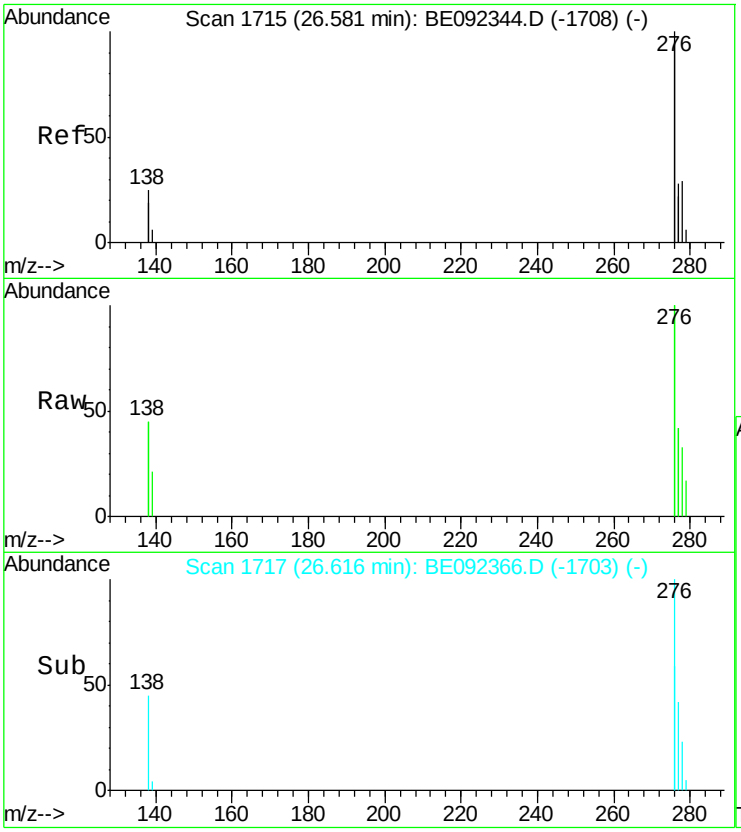


#29
Bis(2-ethylhexyl)phthalate
Concen: 0.23 ng
RT: 21.63 min Scan# 1370
Delta R.T. 0.00 min
Lab File: BE092366.D
Acq: 9 Sep 2016 22:07

Tgt Ion:149 Resp: 2699

Ion	Ratio	Lower	Upper
149	100		
167	24.5	16.0	24.0#
279	0.0	16.0	24.0#



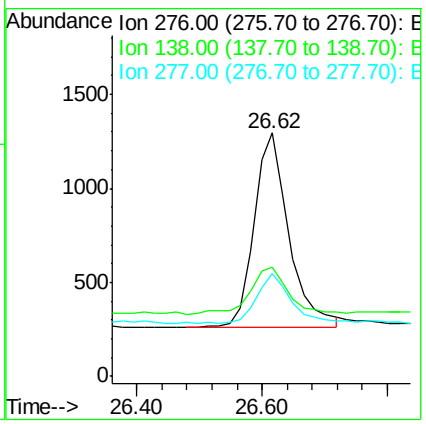


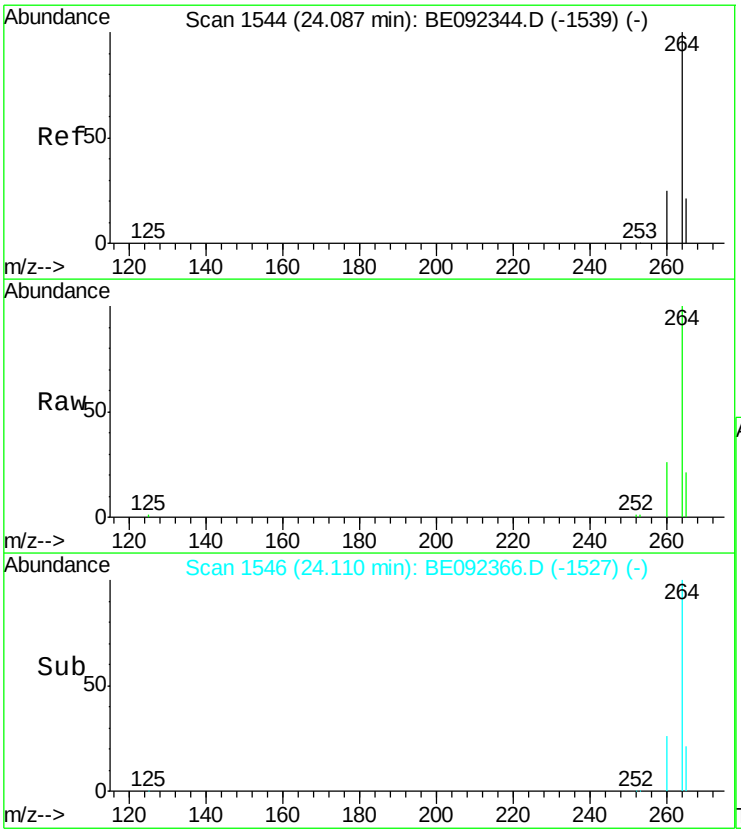
#30
Indeno(1,2,3-cd)pyrene
Concen: 0.04 ng
RT: 26.62 min Scan# 1717
Delta R.T. 0.03 min
Lab File: BE092366.D
Acq: 9 Sep 2016 22:07

Instrument :
BNA_E
ClientSampleId :
TILCON-MH-3-8-STONE-003

Tgt Ion:276 Resp: 3993

Ion	Ratio	Lower	Upper
276	100		
138	26.3	20.3	30.5
277	25.5	19.7	29.5

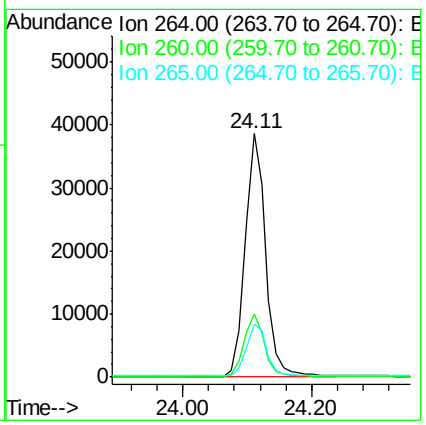


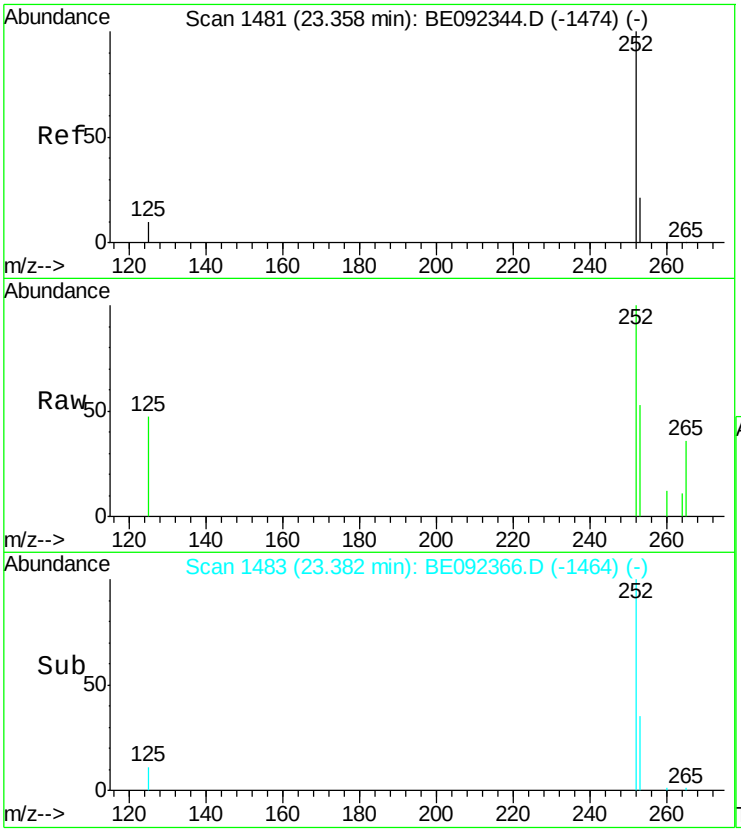


#31
Perylene-d12
Concen: 5.00 ng
RT: 24.11 min Scan# 1546
Delta R.T. 0.02 min
Lab File: BE092366.D
Acq: 9 Sep 2016 22:07

Tgt Ion:264 Resp: 84463

Ion	Ratio	Lower	Upper
264	100		
260	25.7	20.1	30.1
265	21.5	17.9	26.9



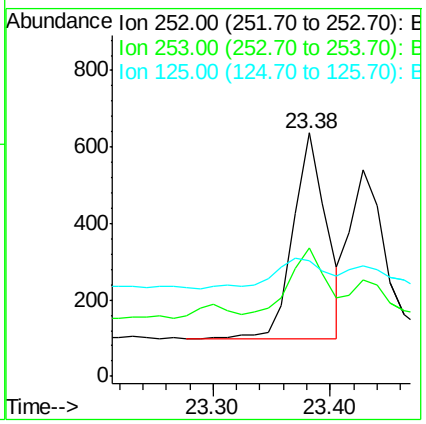


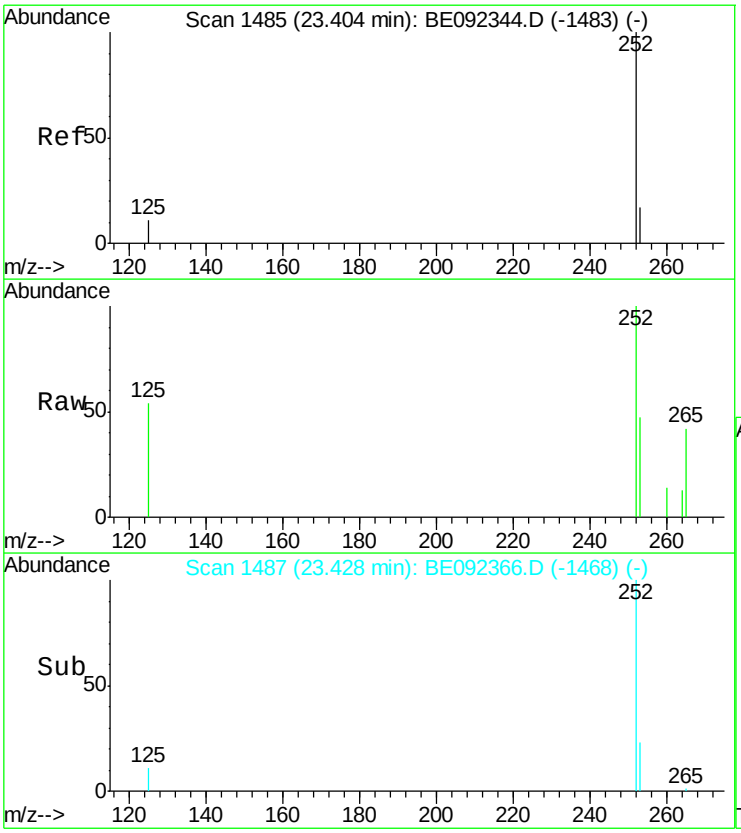
#32
Benzo(b)fluoranthene
Concen: 0.05 ng
RT: 23.38 min Scan# 1483
Delta R.T. 0.02 min
Lab File: BE092366.D
Acq: 9 Sep 2016 22:07

Instrument :
BNA_E
ClientSampleId :
TILCON-MH-3-8-STONE-003

Tgt Ion:252 Resp: 1066

Ion	Ratio	Lower	Upper
252	100		
253	52.7	18.7	28.1#
125	47.4	10.5	15.7#

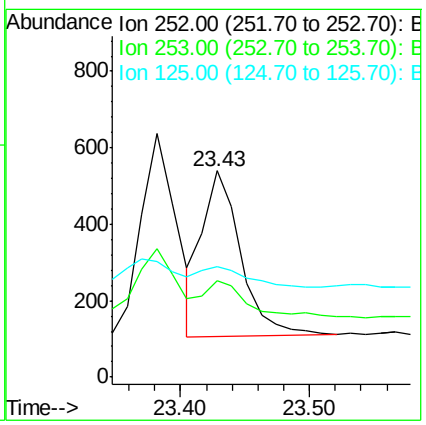


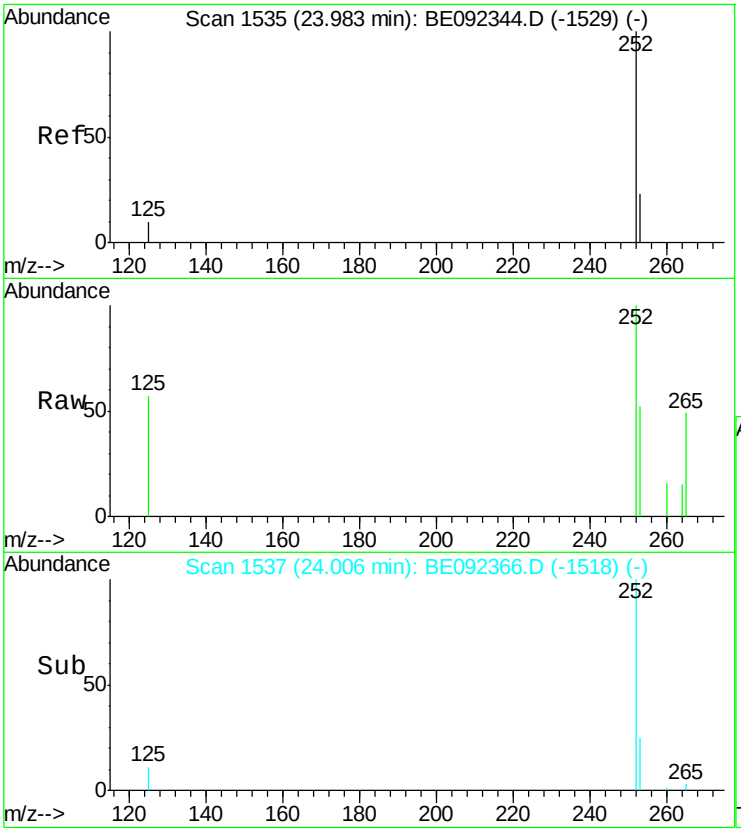


#33
Benzo(k)fluoranthene
Concen: 0.04 ng
RT: 23.43 min Scan# 1487
Delta R.T. 0.02 min
Lab File: BE092366.D
Acq: 9 Sep 2016 22:07

Tgt Ion:252 Resp: 898

Ion	Ratio	Lower	Upper
252	100		
253	46.9	20.3	30.5#
125	53.6	9.6	14.4#



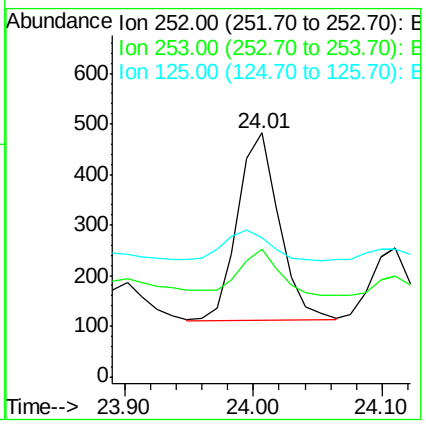


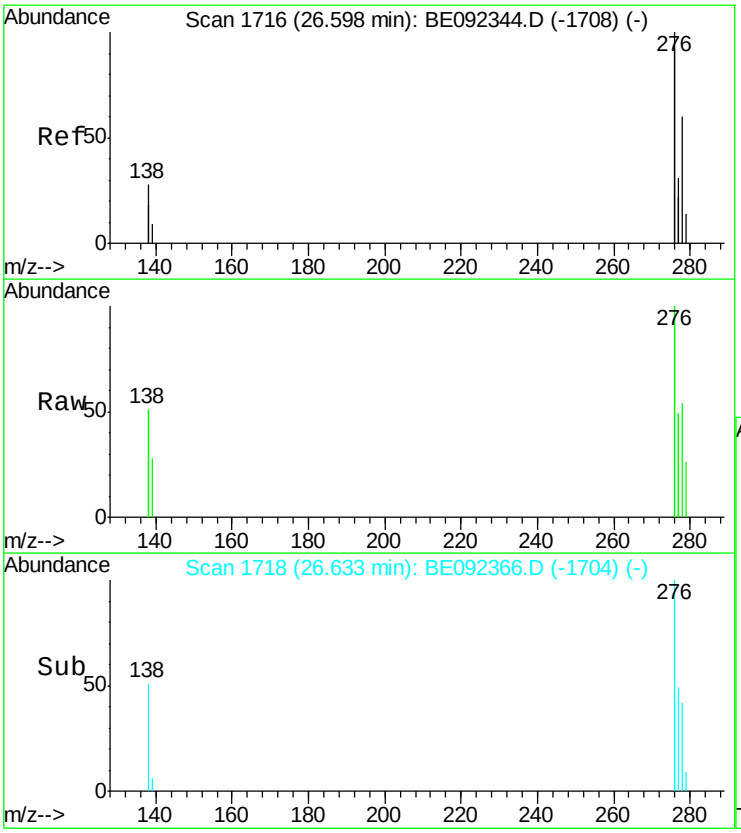
#34
Benzo(a)pyrene
Concen: 0.04 ng
RT: 24.01 min Scan# 1537
Delta R.T. 0.02 min
Lab File: BE092366.D
Acq: 9 Sep 2016 22:07

Instrument :
BNA_E
ClientSampleId :
TILCON-MH-3-8-STONE-003

Tgt Ion:252 Resp: 831

Ion	Ratio	Lower	Upper
252	100		
253	52.3	19.0	28.6#
125	57.1	11.8	17.8#

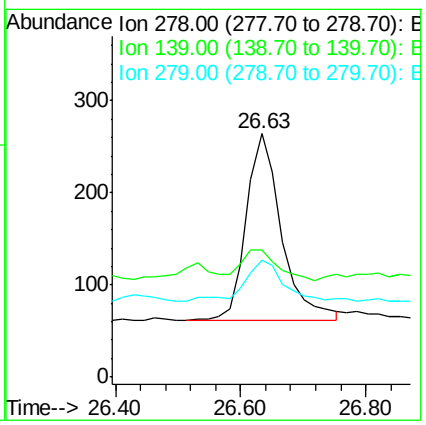


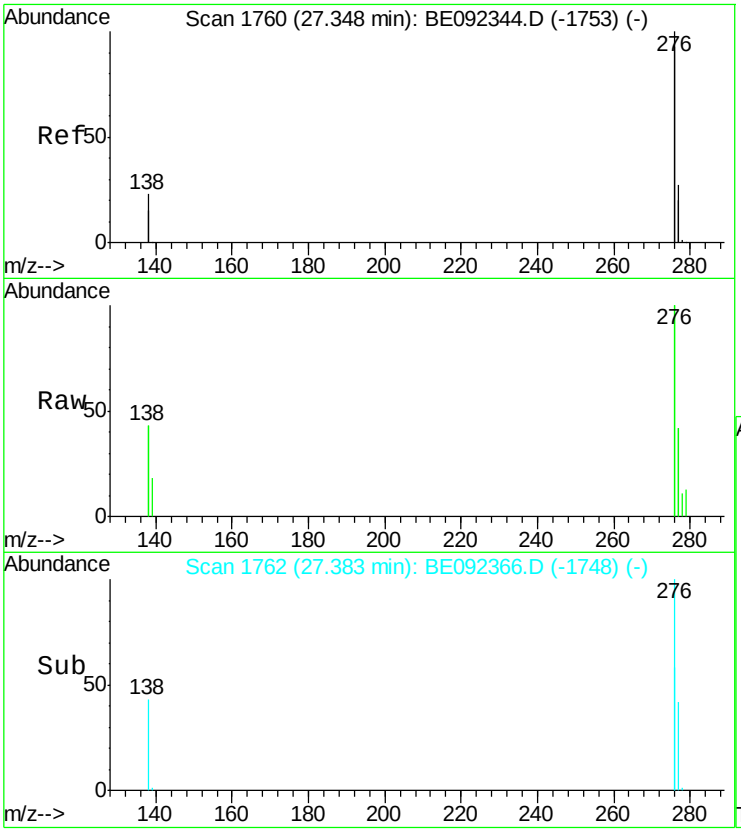


#35
Dibenzo(a,h)anthracene
Concen: 0.04 ng
RT: 26.63 min Scan# 1718
Delta R.T. 0.03 min
Lab File: BE092366.D
Acq: 9 Sep 2016 22:07

Tgt Ion:278 Resp: 791

Ion	Ratio	Lower	Upper
278	100		
139	52.3	13.8	20.8#
279	48.1	21.4	32.2#





#36
Benzo(g,h,i)perylene
Concen: 0.05 ng
RT: 27.38 min Scan# 1762
Delta R.T. 0.03 min
Lab File: BE092366.D
Acq: 9 Sep 2016 22:07

Instrument :
BNA_E
ClientSampleId :
TILCON-MH-3-8-STONE-003

Tgt Ion:276 Resp: 3762

Ion	Ratio	Lower	Upper
276	100		
277	42.0	19.8	29.8#
138	43.5	19.8	29.6#